ANALYTICAL REPORT

Job Number: 580-5404-1

Job Description: Old Douglas Harbor

For:
PND Engineers, Inc.
1506 West 36th Ave.
Anchorage, AK 99503

Attention: Ms. Jennifer Lundberg

Katie Downie
Project Manager II
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05/03/2007

Project Manager: Katie Downie

STL Seattle is a part of Severn Trent Laboratories, Inc.

Case Narrative for job: 580-5404

Client: PND Engineers
Date: 05/03/2007

VOLATILE ORGANICS

Samples 580-5404-1 through 580-5404-18 were analyzed for volatile organics in accordance with EPA SW-846 Method 8260B. The samples were prepared on 04/04/2007 and analyzed on 04/04/2007 and 04/05/2007, which was within the method required holding time.

Methanol preserved samples were not provided for 580-5404-13 and 580-5404-14. Samples 580-5404-5 and 580-5404-10 were submitted in methanol preserved jars but no extract was present. All four samples were extracted in the lab using soil samples submitted for dry weight.

The recoveries of trifluorotoluene (field surrogate) was below the control limits for samples 580-5385-2, 580-5404-3, 580-5404-4, 580-5404-6 through 580-5404-9, 580-5404-11, 580-5404-12, 580-5404-15, 580-5404-16 and 580-5404-17, although the recoveries in the QC samples and samples prepared by the laboratory were acceptable. Many of the field samples had more weight than recommended (greater than 50.0 grams to the initial 25 ml of methanol). This can lead to problems in mixing the samples and could be the source of the low recoveries. Recoveries of the other surrogates were acceptable in the field samples.

No other difficulties were encountered during the volatile organics analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANICS

Samples 580-5404-13 and 580-5404-14 were analyzed for semivolatile organics in accordance with EPA SW-846 Method 8270C. The samples were prepared on 04/04/2007 and analyzed on 04/05/2007, which was within the method required holding time.

Samples 580-5404-13 and 580-5404-14 required dilution prior to analysis.

Diethylphthalate, bis(2-ethylhexyl)phthalate and di-n-butylphthalate were detected in method blank MB 580-17263/1-AA at levels that were above the method detection limit but below the reporting limit. The values are estimates, and have been flagged “J”. The associated sample results have been flagged “B”.

Bis(2-ethylhexyl)phthalate had a recovery of 151% in the laboratory control sample, which failed the LCS recovery criteria of 64 - 144%. No corrective action was taken, as the recovery of this compound in the LCS duplicate was acceptable, as were the recoveries of the other analytes in both LCS and LCSD.

The recovery of the surrogate 2-fluorobiphenyl exceeded the control limits for sample 580-5404-13. No corrective action was taken, as the recoveries of the other five surrogates were acceptable.

No other difficulties were encountered during the semivolatile organics analyses.

All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS

Samples 580-5404-1 through 580-5404-18 were analyzed for gasoline range organics in accordance with State of Alaska Method AK101. The samples were prepared on 04/04/2007 and analyzed on 04/04/2007 and 04/05/2007, which was within the method required holding time.

GRO, cont.
Methanol preserved samples were not provided for 580-5404-13 and 580-5404-14. Samples 580-5404-5 and 580-5404-10 were submitted in methanol preserved jars but no extract was present. All four samples were extracted in the lab using soil samples submitted for dry weight.

The recoveries of trifluorotoluene (field surrogate) was below the control limits for samples 580-5385-2, 580-5404-3, 580-5404-4, 580-5404-, 580-5404-8, 580-5404-11, 580-5404-12, 580-5404-15 and 580-5404-16, although the recoveries in the QC samples and samples prepared by the laboratory were acceptable. Many of the field samples had more weight than recommended (greater than 50.0 grams to the initial 25 ml of methanol). This can lead to problems in mixing the samples and could be the source of the low recoveries. Recoveries of the other surrogates were acceptable in the field samples.

No other difficulties were encountered during the GRO analyses.

All other quality control parameters were within the acceptance limits.

DIESEL AND RESIDUAL RANGE ORGANICS
Samples 580-5404-13 and 580-5404-14 were analyzed for diesel and residual range organics in accordance with State of Alaska Method AK102 and AK103. The samples were prepared and analyzed on 04/04/2007, which was within the method required holding times.

No difficulties were encountered during the DRO and RRO analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES
Samples 580-5404-13 and 580-5404-14 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 04/03/2007 and analyzed on 04/03/2007 and 04/04/2007, which was within the method required holding time.

DCB surrogate recovery for QC sample 5372-3 was outside control limits. This sample shows evidence of matrix interference; therefore, re-extraction and/or re-analysis was not performed. TCMX surrogate recovery was within control limits.

The end-of-run continuing calibration verification (CCV) analyzed on 4/4/07 did not meet control limits. Dieldrin and DDT failed slightly high on the front column, therefore sample results from the back column (where results were within limits) were reported. DDT failed slightly high on the back column, but the samples did not have this analyte detected. Sample matrix is suspected to have contributed to this failure.

No other difficulties were encountered during the chlorinated pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCB'S)
Samples 580-5404-13 and 580-5404-14 were analyzed for polychlorinated biphenyls (PCB's) in accordance with EPA SW-846 Method 8082. The samples were prepared on 04/03/2007 and analyzed on 04/04/2007, which was within the method required holding time.

No difficulties were encountered during the PCB analyses.

All quality control parameters were within the acceptance limits.

Case Narrative for job: 580-5404

Client: PND Engineers
Date: 05/03/2007

TOTAL METALS
Samples 580-5404-13 and 580-5404-14 were analyzed for total metals in accordance with EPA SW-846 method 6010B. The samples were prepared on 04/05/2007 and analyzed on 04/06/2007, which was within the method required holding time.

Copper, lead and zinc were detected in method blank MB 580-17358/19-AA at levels that were above the method detection limit but below the reporting limit. The values are estimates, and have been flagged "J". The associated sample results have been flagged "B".

No other difficulties were encountered during the total metals analyses.

All other quality control parameters were within the acceptance limits.

MERCURY
Samples 580-5404-13 and 580-5404-14 were analyzed for mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 04/03/2007, which was within the method required holding times.

Samples 580-5404-13 and 580-5404-14 required dilution prior to analysis.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL VOLATILE SOLIDS
Samples 580-5404-13 and 580-5404-14 were analyzed for total volatile solids in accordance with EPA Method 160.4. The samples were analyzed on 03/29/2007, which was within the required method holding time.

No difficulties were encountered during the TVS analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS
Samples 580-5404-2 through 580-5404-18 were analyzed for percent solids in accordance with EPA Method 160.3 Modified. The samples were analyzed on 04/03/2007 and 04/04/2007, which was within the required method holding time. No difficulties were encountered during the percent solids analyses. All quality control parameters were within the acceptance limits.

METHOD SUMMARY

Client: PND Engineers, Inc. Job Number: 580-5404-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SEA	SW846 8260B	
Closed System Purge & Trap/Field Methanol	STL SEA		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SEA	SW846 8270C	
Ultrasonic Extraction (Low Level)	STL SEA		SW846 3550B
Gasoline Range Organics	STL SEA	ADEC AK101	
Closed System Purge & Trap/Field Methanol	STL SEA		SW846 5035
Organochlorine Pesticides by Gas Chromatography	STL SEA	SW846 8081A	
Ultrasonic Extraction (Low Level)	STL SEA		SW846 3550B
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	STL SEA	SW846 8082	
Ultrasonic Extraction (Low Level)	STL SEA		SW846 3550B
Nonhalogenated Organics by FID (Diesel Range Organics & Residual Range Organics	STL SEA	ADEC AK102 & 103	
Ultrasonic Extraction (Low Level)	STL SEA		SW846 3550B
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL SEA	SW846 6010B	
Acid Digestion of Sediments, Sludges, and Soils	STL SEA		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	STL SEA	SW846 7471A	
Mercury in Solid or Semi-Solid Waste (Manual	STL SEA		SW846 7471A
Residue, Volatile, Gravimetric, Ignition at 550°C (TVS)	STL SEA	MCAWW 160.4	
Percent Moisture	STL SEA	EPA PercentMoisture	

LAB REFERENCES:

STL SEA = STL Seattle

METHOD REFERENCES:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

EPA - US Environmental Protection Agency

SAMPLE SUMMARY

Client: PND Engineers, Inc. Job Number: 580-5404-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-5404-1	Trip blank	Solid	03/23/2007 0000	03/26/2007 1600
580-5404-2	PND07-9	Solid	03/23/2007 0937	03/26/2007 1600
580-5404-3	PND07-15A	Solid	03/23/2007 0945	03/26/2007 1600
580-5404-4	PND07-15C	Solid	03/23/2007 0953	03/26/2007 1600
580-5404-5	PND07-16A	Solid	03/23/2007 1004	03/26/2007 1600
580-5404-6	PND07-16C	Solid	03/23/2007 1014	03/26/2007 1600
580-5404-7	PND07-14A	Solid	03/23/2007 1025	03/26/2007 1600
580-5404-8	PND07-14C	Solid	03/23/2007 1031	03/26/2007 1600
580-5404-9	PND07-12A	Solid	03/23/2007 1044	03/26/2007 1600
580-5404-10	PND07-12C	Solid	03/23/2007 1050	03/26/2007 1600
580-5404-11	PND07-13A	Solid	03/23/2007 1057	03/26/2007 1600
580-5404-12	PND07-13C	Solid	03/23/2007 1059	03/26/2007 1600
580-5404-13	New Surface Dredge Comp	Solid	03/23/2007 1108	03/26/2007 1600
580-5404-14	Harbor Dredge Comp	Solid	03/23/2007 1100	03/26/2007 1600
580-5404-15	PND07-4A	Solid	03/23/2007 1127	03/26/2007 1600
580-5404-16	PND07-4C	Solid	03/23/2007 1135	03/26/2007 1600
580-5404-17	PND07-3A	Solid	03/23/2007 1143	03/26/2007 1600
580-5404-18	PND07-C	Solid	03/23/2007 1150	03/26/2007 1600

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Trip blank**

Lab Sample ID: 580-5404-1
Client Matrix: Solid

Date Sampled: 03/23/2007 0000
Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035-Medium
Dilution: 1.0
Date Analyzed: 04/04/2007 2359
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17344
Prep Batch: 580-17278

Instrument ID: SEA041
Lab File ID: ar0006111.D
Initial Weight/Volume: 25.00 g
Final Weight/Volume: 1000 mL

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		2.8	8.0
Toluene		ND		7.4	40
Ethylbenzene		ND		7.2	40
m-Xylene & p-Xylene		ND		15	40
o-Xylene		ND		7.2	40

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	101	75 - 125
Toluene-d8 (Surr)	105	75 - 125
Ethylbenzene-d10	103	75 - 125
4-Bromofluorobenzene (Surr)	111	75 - 125
Trifluorotoluene (Surr)	117	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-9

Lab Sample ID: 580-5404-2 Date Sampled: 03/23/2007 0937
Client Matrix: Solid % Moisture: 30.7 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006120.D
Dilution: 1.0 Initial Weight/Volume: 50.45 g
Date Analyzed: 04/05/2007 0320 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		2.0	5.7
Toluene		9.2	J	5.3	29
Ethylbenzene		ND		5.2	29
m-Xylene & p-Xylene		15	J	11	29
o-Xylene		ND		5.2	29

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	101	75 - 125
Toluene-d8 (Surr)	104	75 - 125
Ethylbenzene-d10	103	75 - 125
4-Bromofluorobenzene (Surr)	110	75 - 125
Trifluorotoluene (Surr)	46 X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **PND07-15A**

Lab Sample ID:	580-5404-3			Date Sampled:	03/23/2007 0945
Client Matrix:	Solid	% Moisture:	30.7	Date Received:	03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 580-17344		Instrument ID:	SEA041
Preparation:	5035-Medium	Prep Batch: 580-17278		Lab File ID:	ar0006112.D
Dilution:	1.0			Initial Weight/Volume:	50.42 g
Date Analyzed:	04/05/2007 0021			Final Weight/Volume:	1000 mL
Date Prepared:	04/04/2007 0821				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		2.0	5.7
Toluene		ND		5.3	29
Ethylbenzene		ND		5.2	29
m-Xylene & p-Xylene		ND		11	29
o-Xylene		ND		5.2	29

Surrogate	%Rec		Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	103		75 - 125
Ethylbenzene-d10	105		75 - 125
4-Bromofluorobenzene (Surr)	111		75 - 125
Trifluorotoluene (Surr)	58	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-15C

Lab Sample ID: 580-5404-4 Date Sampled: 03/23/2007 0953
Client Matrix: Solid % Moisture: 28.9 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006113.D
Dilution: 1.0 Initial Weight/Volume: 48.30 g
Date Analyzed: 04/05/2007 0043 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		2.0	5.8
Toluene		5.4	J	5.4	29
Ethylbenzene		ND		5.2	29
m-Xylene & p-Xylene		ND		11	29
o-Xylene		ND		5.2	29

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	101	75 - 125
Toluene-d8 (Surr)	106	75 - 125
Ethylbenzene-d10	105	75 - 125
4-Bromofluorobenzene (Surr)	112	75 - 125
Trifluorotoluene (Surr)	24 X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **PND07-16A**

Lab Sample ID: 580-5404-5 Date Sampled: 03/23/2007 1004
Client Matrix: Solid % Moisture: 31.9 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006114.D
Dilution: 1.0 Initial Weight/Volume: 10.152 g
Date Analyzed: 04/05/2007 0106 Final Weight/Volume: 400 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		4.1	12
Toluene		ND		11	58
Ethylbenzene		ND		10	58
m-Xylene & p-Xylene		ND		22	58
o-Xylene		ND		10	58

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	100	75 - 125
Toluene-d8 (Surr)	104	75 - 125
Ethylbenzene-d10	103	75 - 125
4-Bromofluorobenzene (Surr)	110	75 - 125
Trifluorotoluene (Surr)	91	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-16C

Lab Sample ID: 580-5404-6 Date Sampled: 03/23/2007 1014
Client Matrix: Solid % Moisture: 32.3 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006115.D
Dilution: 1.0 Initial Weight/Volume: 45.51 g
Date Analyzed: 04/05/2007 0128 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		2.3	6.5
Toluene		ND		6.0	32
Ethylbenzene		ND		5.8	32
m-Xylene & p-Xylene		ND		12	32
o-Xylene		ND		5.8	32

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	104		75 - 125
Ethylbenzene-d10	104		75 - 125
4-Bromofluorobenzene (Surr)	111		75 - 125
Trifluorotoluene (Surr)	61	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-14A

Lab Sample ID: 580-5404-7 Date Sampled: 03/23/2007 1025
Client Matrix: Solid % Moisture: 42.8 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006116.D
Dilution: 1.0 Initial Weight/Volume: 21.15 g
Date Analyzed: 04/05/2007 0151 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		5.8	17
Toluene		ND		15	83
Ethylbenzene		ND		15	83
m-Xylene & p-Xylene		ND		31	83
o-Xylene		ND		15	83

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	105		75 - 125
Ethylbenzene-d10	104		75 - 125
4-Bromofluorobenzene (Surr)	111		75 - 125
Trifluorotoluene (Surr)	66	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-14C

Lab Sample ID: 580-5404-8 Date Sampled: 03/23/2007 1031
Client Matrix: Solid % Moisture: 51.1 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006117.D
Dilution: 1.0 Initial Weight/Volume: 31.55 g
Date Analyzed: 04/05/2007 0213 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		4.5	13
Toluene		ND		12	65
Ethylbenzene		ND		12	65
m-Xylene & p-Xylene		ND		24	65
o-Xylene		ND		12	65

Surrogate	%Rec		Acceptance Limits
Fluorobenzene (Surr)	100		75 - 125
Toluene-d8 (Surr)	104		75 - 125
Ethylbenzene-d10	103		75 - 125
4-Bromofluorobenzene (Surr)	112		75 - 125
Trifluorotoluene (Surr)	58	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-12A

Lab Sample ID: 580-5404-9 Date Sampled: 03/23/2007 1044
Client Matrix: Solid % Moisture: 29.8 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006118.D
Dilution: 1.0 Initial Weight/Volume: 40.20 g
Date Analyzed: 04/05/2007 0235 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		2.5	7.1
Toluene		ND		6.6	35
Ethylbenzene		ND		6.4	35
m-Xylene & p-Xylene		ND		13	35
o-Xylene		ND		6.4	35

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	104		75 - 125
Ethylbenzene-d10	104		75 - 125
4-Bromofluorobenzene (Surr)	112		75 - 125
Trifluorotoluene (Surr)	68	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-12C

Lab Sample ID: 580-5404-10 Date Sampled: 03/23/2007 1050
Client Matrix: Solid % Moisture: 32.0 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006119.D
Dilution: 1.0 Initial Weight/Volume: 10.529 g
Date Analyzed: 04/05/2007 0257 Final Weight/Volume: 400 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		3.9	11
Toluene		ND		10	56
Ethylbenzene		ND		10	56
m-Xylene & p-Xylene		ND		21	56
o-Xylene		ND		10	56

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	101	75 - 125
Toluene-d8 (Surr)	104	75 - 125
Ethylbenzene-d10	104	75 - 125
4-Bromofluorobenzene (Surr)	111	75 - 125
Trifluorotoluene (Surr)	92	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-13A

Lab Sample ID: 580-5404-11 Date Sampled: 03/23/2007 1057
Client Matrix: Solid % Moisture: 31.9 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006126.D
Dilution: 1.0 Initial Weight/Volume: 22.27 g
Date Analyzed: 04/05/2007 0534 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		4.6	13
Toluene		ND		12	66
Ethylbenzene		ND		12	66
m-Xylene & p-Xylene		ND		25	66
o-Xylene		ND		12	66

Surrogate	%Rec		Acceptance Limits
Fluorobenzene (Surr)	100		75 - 125
Toluene-d8 (Surr)	102		75 - 125
Ethylbenzene-d10	102		75 - 125
4-Bromofluorobenzene (Surr)	114		75 - 125
Trifluorotoluene (Surr)	61	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-13C

Lab Sample ID: 580-5404-12 Date Sampled: 03/23/2007 1059
Client Matrix: Solid % Moisture: 33.6 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006127.D
Dilution: 1.0 Initial Weight/Volume: 40.64 g
Date Analyzed: 04/05/2007 0557 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		2.6	7.4
Toluene		ND		6.9	37
Ethylbenzene		ND		6.7	37
m-Xylene & p-Xylene		ND		14	37
o-Xylene		ND		6.7	37

Surrogate	%Rec		Acceptance Limits
Fluorobenzene (Surr)	100		75 - 125
Toluene-d8 (Surr)	104		75 - 125
Ethylbenzene-d10	103		75 - 125
4-Bromofluorobenzene (Surr)	112		75 - 125
Trifluorotoluene (Surr)	65	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID:	580-5404-13			Date Sampled:	03/23/2007 1108
Client Matrix:	Solid	% Moisture:	31.2	Date Received:	03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 580-17344		Instrument ID:	SEA041
Preparation:	5035-Medium	Prep Batch: 580-17278		Lab File ID:	ar0006128.D
Dilution:	1.0			Initial Weight/Volume:	10.950 g
Date Analyzed:	04/05/2007 0619			Final Weight/Volume:	400 mL
Date Prepared:	04/04/2007 0821				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		3.7	11
Toluene		ND		9.8	53
Ethylbenzene		ND		9.6	53
m-Xylene & p-Xylene		ND		20	53
o-Xylene		ND		9.6	53

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	100	75 - 125
Toluene-d8 (Surr)	103	75 - 125
Ethylbenzene-d10	105	75 - 125
4-Bromofluorobenzene (Surr)	114	75 - 125
Trifluorotoluene (Surr)	87	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid % Moisture: 27.7 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006133.D
Dilution: 1.0 Initial Weight/Volume: 10.661 g
Date Analyzed: 04/05/2007 0811 Final Weight/Volume: 400 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		3.6	10
Toluene		ND		9.6	52
Ethylbenzene		ND		9.3	52
m-Xylene & p-Xylene		ND		19	52
o-Xylene		ND		9.3	52

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	101	75 - 125
Toluene-d8 (Surr)	103	75 - 125
Ethylbenzene-d10	103	75 - 125
4-Bromofluorobenzene (Surr)	110	75 - 125
Trifluorotoluene (Surr)	86	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-4A

Lab Sample ID: 580-5404-15 Date Sampled: 03/23/2007 1127
Client Matrix: Solid % Moisture: 32.6 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006129.D
Dilution: 1.0 Initial Weight/Volume: 25.81 g
Date Analyzed: 04/05/2007 0642 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		4.0	11
Toluene		ND		11	57
Ethylbenzene		ND		10	57
m-Xylene & p-Xylene		ND		22	57
o-Xylene		ND		10	57

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	100		75 - 125
Toluene-d8 (Surr)	104		75 - 125
Ethylbenzene-d10	105		75 - 125
4-Bromofluorobenzene (Surr)	113		75 - 125
Trifluorotoluene (Surr)	62	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **PND07-4C**

Lab Sample ID:	580-5404-16			Date Sampled:	03/23/2007 1135
Client Matrix:	Solid	% Moisture:	26.7	Date Received:	03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 580-17344		Instrument ID:	SEA041
Preparation:	5035-Medium	Prep Batch: 580-17278		Lab File ID:	ar0006130.D
Dilution:	1.0			Initial Weight/Volume:	25.49 g
Date Analyzed:	04/05/2007 0704			Final Weight/Volume:	1000 mL
Date Prepared:	04/04/2007 0821				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		3.7	11
Toluene		ND		9.9	54
Ethylbenzene		ND		9.6	54
m-Xylene & p-Xylene		ND		20	54
o-Xylene		ND		9.6	54

Surrogate	%Rec	Qualifier	Acceptance Limits
Fluorobenzene (Surr)	101		75 - 125
Toluene-d8 (Surr)	102		75 - 125
Ethylbenzene-d10	100		75 - 125
4-Bromofluorobenzene (Surr)	109		75 - 125
Trifluorotoluene (Surr)	63	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **PND07-3A**

Lab Sample ID: 580-5404-17 Date Sampled: 03/23/2007 1143
Client Matrix: Solid % Moisture: 33.0 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006131.D
Dilution: 1.0 Initial Weight/Volume: 25.48 g
Date Analyzed: 04/05/2007 0726 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		4.1	12
Toluene		ND		11	59
Ethylbenzene		ND		11	59
m-Xylene & p-Xylene		ND		22	59
o-Xylene		ND		11	59

Surrogate	%Rec		Acceptance Limits
Fluorobenzene (Surr)	100		75 - 125
Toluene-d8 (Surr)	104		75 - 125
Ethylbenzene-d10	103		75 - 125
4-Bromofluorobenzene (Surr)	111		75 - 125
Trifluorotoluene (Surr)	69	X	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-C

Lab Sample ID: 580-5404-18 Date Sampled: 03/23/2007 1150
Client Matrix: Solid % Moisture: 41.2 Date Received: 03/26/2007 1600

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17344 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: ar0006132.D
Dilution: 1.0 Initial Weight/Volume: 31.47 g
Date Analyzed: 04/05/2007 0749 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		3.8	11
Toluene		ND		10	54
Ethylbenzene		ND		9.7	54
m-Xylene & p-Xylene		ND		20	54
o-Xylene		ND		9.7	54

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	101	75 - 125
Toluene-d8 (Surr)	105	75 - 125
Ethylbenzene-d10	104	75 - 125
4-Bromofluorobenzene (Surr)	113	75 - 125
Trifluorotoluene (Surr)	81	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID: 580-5404-13 Date Sampled: 03/23/2007 1108
Client Matrix: Solid % Moisture: 31.2 Date Received: 03/26/2007 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 580-17369 Instrument ID: SEA040
Preparation: 3550B Prep Batch: 580-17263 Lab File ID: ak008791.D
Dilution: 1.0 Initial Weight/Volume: 20.1434 g
Date Analyzed: 04/05/2007 0108 Final Weight/Volume: 2 mL
Date Prepared: 04/04/2007 0636 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		ND		1.4	7.2
1,2-Dichlorobenzene		ND		2.5	7.2
1,3-Dichlorobenzene		ND		1.7	7.2
1,4-Dichlorobenzene		ND		1.1	7.2
2,4-Dimethylphenol		ND		2.7	14
2-Methylnaphthalene		1.3	J	0.45	2.9
2-Methylphenol		ND		4.0	14
3 & 4 Methylphenol		92		7.6	29
Acenaphthene		4.9		0.82	2.9
Acenaphthylene		9.2		0.33	2.9
Anthracene		20		0.62	2.9
Benzo[a]anthracene		67		0.94	3.6
Benzo[a]pyrene		26		1.2	4.3
Benzo[g,h,i]perylene		15		1.1	3.6
Benzofluoranthene		120		1.4	5.8
Benzoic acid		ND		120	360
Benzyl alcohol		ND		4.3	14
Bis(2-ethylhexyl) phthalate		93	J * B	35	220
Butyl benzyl phthalate		ND		4.2	14
Chrysene		230		1.1	3.6
Dibenz(a,h)anthracene		2.9	J	1.7	5.8
Dibenzofuran		5.4	J	2.5	14
Diethyl phthalate		2.9	J B	1.0	14
Dimethyl phthalate		2.4	J	1.1	14
Di-n-butyl phthalate		5.6	J B	1.9	29
Di-n-octyl phthalate		ND		4.8	29
Fluorene		16		0.38	2.9
Hexachlorobenzene		ND		1.6	7.2
Hexachlorobutadiene		ND		1.9	7.2
Hexachloroethane		ND		3.0	14
Indeno[1,2,3-cd]pyrene		20		1.7	5.8
N-Nitrosodiphenylamine		ND		2.2	7.2
Pentachlorophenol		ND		4.5	14
Phenanthrene		420		0.58	2.9
Phenol		64		3.9	14
Pyrene		590		0.39	2.9
Naphthalene		1.2	J	0.82	2.9

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	39	X	42 - 140
2-Fluorophenol	79		36 - 145
2,4,6-Tribromophenol	72		28 - 143
Nitrobenzene-d5	66		38 - 141
Phenol-d5	81		38 - 149

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID:	580-5404-13			Date Sampled:	03/23/2007 1108
Client Matrix:	Solid	% Moisture:	31.2	Date Received:	03/26/2007 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-17369		Instrument ID:	SEA040
Preparation:	3550B	Prep Batch: 580-17263		Lab File ID:	ak008791.D
Dilution:	1.0			Initial Weight/Volume:	20.1434 g
Date Analyzed:	04/05/2007 0108			Final Weight/Volume:	2 mL
Date Prepared:	04/04/2007 0636			Injection Volume:	

Surrogate	%Rec	Acceptance Limits
Terphenyl-d14	66	42 - 151

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID: 580-5404-13 Date Sampled: 03/23/2007 1108
Client Matrix: Solid % Moisture: 31.2 Date Received: 03/26/2007 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 580-17369 Instrument ID: SEA040
Preparation: 3550B Prep Batch: 580-17263 Lab File ID: ak008812.D
Dilution: 10 Initial Weight/Volume: 20.1434 g
Date Analyzed: 04/05/2007 1806 Final Weight/Volume: 2 mL
Date Prepared: 04/04/2007 0636 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Fluoranthene		1000		4.5	29

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid % Moisture: 27.7 Date Received: 03/26/2007 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 580-17369 Instrument ID: SEA040
Preparation: 3550B Prep Batch: 580-17263 Lab File ID: ak008792.D
Dilution: 1.0 Initial Weight/Volume: 20.5359 g
Date Analyzed: 04/05/2007 0135 Final Weight/Volume: 2 mL
Date Prepared: 04/04/2007 0636 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2,4-Trichlorobenzene		ND		1.3	6.7
1,2-Dichlorobenzene		ND		2.3	6.7
1,3-Dichlorobenzene		ND		1.6	6.7
1,4-Dichlorobenzene		ND		1.0	6.7
2,4-Dimethylphenol		ND		2.6	13
2-Methylnaphthalene		0.53	J	0.42	2.7
2-Methylphenol		ND		3.8	13
3 & 4 Methylphenol		ND		7.1	27
Acenaphthene		1.1	J	0.77	2.7
Acenaphthylene		1.5	J	0.31	2.7
Anthracene		2.3	J	0.58	2.7
Benzo[a]anthracene		18		0.88	3.4
Benzo[a]pyrene		8.6		1.1	4.0
Benzo[g,h,i]perylene		3.5		0.98	3.4
Benzofluoranthene		35		1.3	5.4
Benzoic acid		ND		110	340
Benzyl alcohol		ND		4.0	13
Butyl benzyl phthalate		16		3.9	13
Chrysene		38		1.0	3.4
Dibenz(a,h)anthracene		ND		1.6	5.4
Dibenzofuran		ND		2.3	13
Diethyl phthalate		3.6	J B	0.97	13
Dimethyl phthalate		1.6	J	1.0	13
Di-n-butyl phthalate		35	B	1.8	27
Di-n-octyl phthalate		27		4.4	27
Fluoranthene		130		0.42	2.7
Fluorene		1.1	J	0.35	2.7
Hexachlorobenzene		ND		1.5	6.7
Hexachlorobutadiene		ND		1.8	6.7
Hexachloroethane		ND		2.8	13
Indeno[1,2,3-cd]pyrene		4.3	J	1.6	5.4
N-Nitrosodiphenylamine		ND		2.0	6.7
Pentachlorophenol		ND		4.2	13
Phenanthrene		7.5		0.54	2.7
Phenol		ND		3.6	13
Pyrene		78		0.36	2.7
Naphthalene		0.78	J	0.77	2.7

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	50	42 - 140
2-Fluorophenol	77	36 - 145
2,4,6-Tribromophenol	74	28 - 143
Nitrobenzene-d5	69	38 - 141
Phenol-d5	80	38 - 149

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID:	580-5404-14			Date Sampled:	03/23/2007 1100
Client Matrix:	Solid	% Moisture:	27.7	Date Received:	03/26/2007 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 580-17369		Instrument ID:	SEA040
Preparation:	3550B	Prep Batch: 580-17263		Lab File ID:	ak008792.D
Dilution:	1.0			Initial Weight/Volume:	20.5359 g
Date Analyzed:	04/05/2007 0135			Final Weight/Volume:	2 mL
Date Prepared:	04/04/2007 0636			Injection Volume:	

Surrogate	%Rec	Acceptance Limits
Terphenyl-d14	73	42 - 151

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid % Moisture: 27.7 Date Received: 03/26/2007 1600

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C Analysis Batch: 580-17369 Instrument ID: SEA040
Preparation: 3550B Prep Batch: 580-17263 Lab File ID: ak008813.D
Dilution: 100 Initial Weight/Volume: 20.5359 g
Date Analyzed: 04/05/2007 1833 Final Weight/Volume: 2 mL
Date Prepared: 04/04/2007 0636 Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Bis(2-ethylhexyl) phthalate		23000	* B	3200	20000

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Trip blank**

Lab Sample ID: 580-5404-1
Client Matrix: Solid

Date Sampled: 03/23/2007 0000
Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101
Preparation: 5035-Medium
Dilution: 1.0
Date Analyzed: 04/04/2007 2359
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17338
Prep Batch: 580-17278

Instrument ID: SEA041
Lab File ID: gx0006111.D
Initial Weight/Volume: 25.00 g
Final Weight/Volume: 1000 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.76	4.0

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	103	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	92	60 - 120
Toluene-d8 (Surr)	106	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-9

Lab Sample ID: 580-5404-2 Date Sampled: 03/23/2007 0937
Client Matrix: Solid % Moisture: 30.7 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006120.D
Dilution: 1.0 Initial Weight/Volume: 50.45 g
Date Analyzed: 04/05/2007 0320 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.59	J	0.54	2.9

Surrogate	%Rec		Acceptance Limits
Trifluorotoluene (Surr)	41	X	60 - 120
4-Bromofluorobenzene (Surr)	96		60 - 120
Ethylbenzene-d10	102		60 - 120
Fluorobenzene (Surr)	93		60 - 120
Toluene-d8 (Surr)	106		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-15A

Lab Sample ID: 580-5404-3 Date Sampled: 03/23/2007 0945
Client Matrix: Solid % Moisture: 30.7 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006112.D
Dilution: 1.0 Initial Weight/Volume: 50.42 g
Date Analyzed: 04/05/2007 0021 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.54	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	51	X	60 - 120
4-Bromofluorobenzene (Surr)	96		60 - 120
Ethylbenzene-d10	101		60 - 120
Fluorobenzene (Surr)	91		60 - 120
Toluene-d8 (Surr)	102		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-15C

Lab Sample ID: 580-5404-4 Date Sampled: 03/23/2007 0953
Client Matrix: Solid % Moisture: 28.9 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006113.D
Dilution: 1.0 Initial Weight/Volume: 48.30 g
Date Analyzed: 04/05/2007 0043 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.55	2.9

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	21	X	60 - 120
4-Bromofluorobenzene (Surr)	97		60 - 120
Ethylbenzene-d10	102		60 - 120
Fluorobenzene (Surr)	92		60 - 120
Toluene-d8 (Surr)	107		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-16A

Lab Sample ID: 580-5404-5 Date Sampled: 03/23/2007 1004
Client Matrix: Solid % Moisture: 31.9 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006114.D
Dilution: 1.0 Initial Weight/Volume: 10.152 g
Date Analyzed: 04/05/2007 0106 Final Weight/Volume: 400 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.1	5.8

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	81	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	93	60 - 120
Toluene-d8 (Surr)	106	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-16C

Lab Sample ID: 580-5404-6 Date Sampled: 03/23/2007 1014
Client Matrix: Solid % Moisture: 32.3 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006115.D
Dilution: 1.0 Initial Weight/Volume: 45.51 g
Date Analyzed: 04/05/2007 0128 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.62	3.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	54	X	60 - 120
4-Bromofluorobenzene (Surr)	96		60 - 120
Ethylbenzene-d10	102		60 - 120
Fluorobenzene (Surr)	93		60 - 120
Toluene-d8 (Surr)	106		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-14A

Lab Sample ID: 580-5404-7 Date Sampled: 03/23/2007 1025
Client Matrix: Solid % Moisture: 42.8 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006116.D
Dilution: 1.0 Initial Weight/Volume: 21.15 g
Date Analyzed: 04/05/2007 0151 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.6	8.3

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	60	60 - 120
4-Bromofluorobenzene (Surr)	97	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	93	60 - 120
Toluene-d8 (Surr)	107	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-14C

Lab Sample ID: 580-5404-8 Date Sampled: 03/23/2007 1031
Client Matrix: Solid % Moisture: 51.1 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006117.D
Dilution: 1.0 Initial Weight/Volume: 31.55 g
Date Analyzed: 04/05/2007 0213 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		1.3	J	1.2	6.5

Surrogate	%Rec		Acceptance Limits
Trifluorotoluene (Surr)	51	X	60 - 120
4-Bromofluorobenzene (Surr)	96		60 - 120
Ethylbenzene-d10	102		60 - 120
Fluorobenzene (Surr)	93		60 - 120
Toluene-d8 (Surr)	106		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-12A

Lab Sample ID: 580-5404-9 Date Sampled: 03/23/2007 1044
Client Matrix: Solid % Moisture: 29.8 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006118.D
Dilution: 1.0 Initial Weight/Volume: 40.20 g
Date Analyzed: 04/05/2007 0235 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.67	3.5

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	60	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	101	60 - 120
Fluorobenzene (Surr)	92	60 - 120
Toluene-d8 (Surr)	106	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-12C

Lab Sample ID: 580-5404-10 Date Sampled: 03/23/2007 1050
Client Matrix: Solid % Moisture: 32.0 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006119.D
Dilution: 1.0 Initial Weight/Volume: 10.529 g
Date Analyzed: 04/05/2007 0257 Final Weight/Volume: 400 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.1	5.6

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	82	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	92	60 - 120
Toluene-d8 (Surr)	106	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-13A

Lab Sample ID: 580-5404-11 Date Sampled: 03/23/2007 1057
Client Matrix: Solid % Moisture: 31.9 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006126.D
Dilution: 1.0 Initial Weight/Volume: 22.27 g
Date Analyzed: 04/05/2007 0534 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.3	6.6

Surrogate	%Rec		Acceptance Limits
Trifluorotoluene (Surr)	54	X	60 - 120
4-Bromofluorobenzene (Surr)	96		60 - 120
Ethylbenzene-d10	101		60 - 120
Fluorobenzene (Surr)	92		60 - 120
Toluene-d8 (Surr)	103		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-13C

Lab Sample ID: 580-5404-12 Date Sampled: 03/23/2007 1059
Client Matrix: Solid % Moisture: 33.6 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006127.D
Dilution: 1.0 Initial Weight/Volume: 40.64 g
Date Analyzed: 04/05/2007 0557 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.70	3.7

Surrogate	%Rec		Acceptance Limits
Trifluorotoluene (Surr)	58	X	60 - 120
4-Bromofluorobenzene (Surr)	97		60 - 120
Ethylbenzene-d10	102		60 - 120
Fluorobenzene (Surr)	93		60 - 120
Toluene-d8 (Surr)	106		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID: 580-5404-13 Date Sampled: 03/23/2007 1108
Client Matrix: Solid % Moisture: 31.2 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006128.D
Dilution: 1.0 Initial Weight/Volume: 10.950 g
Date Analyzed: 04/05/2007 0619 Final Weight/Volume: 400 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.0	5.3

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	73	60 - 120
4-Bromofluorobenzene (Surr)	94	60 - 120
Ethylbenzene-d10	99	60 - 120
Fluorobenzene (Surr)	89	60 - 120
Toluene-d8 (Surr)	101	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid % Moisture: 27.7 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006133.D
Dilution: 1.0 Initial Weight/Volume: 10.661 g
Date Analyzed: 04/05/2007 0811 Final Weight/Volume: 400 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.99	5.2

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	77	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	93	60 - 120
Toluene-d8 (Surr)	105	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-4A

Lab Sample ID: 580-5404-15 Date Sampled: 03/23/2007 1127
Client Matrix: Solid % Moisture: 32.6 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006129.D
Dilution: 1.0 Initial Weight/Volume: 25.81 g
Date Analyzed: 04/05/2007 0642 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.1	5.7

Surrogate	%Rec		Acceptance Limits
Trifluorotoluene (Surr)	54	X	60 - 120
4-Bromofluorobenzene (Surr)	96		60 - 120
Ethylbenzene-d10	102		60 - 120
Fluorobenzene (Surr)	92		60 - 120
Toluene-d8 (Surr)	105		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-4C

Lab Sample ID: 580-5404-16 Date Sampled: 03/23/2007 1135
Client Matrix: Solid % Moisture: 26.7 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006130.D
Dilution: 1.0 Initial Weight/Volume: 25.49 g
Date Analyzed: 04/05/2007 0704 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.0	5.4

Surrogate	%Rec		Acceptance Limits
Trifluorotoluene (Surr)	58	X	60 - 120
4-Bromofluorobenzene (Surr)	97		60 - 120
Ethylbenzene-d10	102		60 - 120
Fluorobenzene (Surr)	95		60 - 120
Toluene-d8 (Surr)	107		60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-3A

Lab Sample ID: 580-5404-17 Date Sampled: 03/23/2007 1143
Client Matrix: Solid % Moisture: 33.0 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006131.D
Dilution: 1.0 Initial Weight/Volume: 25.48 g
Date Analyzed: 04/05/2007 0726 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.1	5.9

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	61	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	93	60 - 120
Toluene-d8 (Surr)	106	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: PND07-C

Lab Sample ID: 580-5404-18 Date Sampled: 03/23/2007 1150
Client Matrix: Solid % Moisture: 41.2 Date Received: 03/26/2007 1600

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17338 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17278 Lab File ID: gx0006132.D
Dilution: 1.0 Initial Weight/Volume: 31.47 g
Date Analyzed: 04/05/2007 0749 Final Weight/Volume: 1000 mL
Date Prepared: 04/04/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		1.0	5.4

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	70	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	101	60 - 120
Fluorobenzene (Surr)	91	60 - 120
Toluene-d8 (Surr)	106	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID: 580-5404-13 Date Sampled: 03/23/2007 1108
Client Matrix: Solid % Moisture: 31.2 Date Received: 03/26/2007 1600

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A Analysis Batch: 580-17346 Instrument ID: SEA035
Preparation: 3550B Prep Batch: 580-17226 Lab File ID: ECD23926.D
Dilution: 1.0 Initial Weight/Volume: 10.0234 g
Date Analyzed: 04/03/2007 2331 Final Weight/Volume: 10 mL
Date Prepared: 04/03/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		0.16	1.5
gamma-BHC (Lindane)		ND		0.17	1.5
4,4'-DDD		ND		0.39	2.9
4,4'-DDE		ND		0.33	2.9
4,4'-DDT		ND		0.38	2.9
Dieldrin		ND		0.32	2.9
Heptachlor		ND		0.20	1.5
alpha-Chlordane		ND		0.17	1.5
Hexachlorobenzene		ND		0.26	1.5
Hexachlorobutadiene		ND		0.16	1.5

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	62	49 - 123
DCB Decachlorobiphenyl	60	40 - 158

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid % Moisture: 27.7 Date Received: 03/26/2007 1600

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A Analysis Batch: 580-17348 Instrument ID: SEA035
Preparation: 3550B Prep Batch: 580-17226 Lab File ID: ECD23944.D
Dilution: 1.0 Initial Weight/Volume: 10.5485 g
Date Analyzed: 04/04/2007 1542 Final Weight/Volume: 10 mL
Date Prepared: 04/03/2007 0821 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		0.14	1.3
gamma-BHC (Lindane)		ND		0.15	1.3
4,4'-DDD		0.74	J	0.35	2.6
4,4'-DDE		0.60	J	0.30	2.6
4,4'-DDT		ND		0.35	2.6
Dieldrin		ND		0.29	2.6
Heptachlor		ND		0.18	1.3
alpha-Chlordane		ND		0.16	1.3
Hexachlorobenzene		ND		0.24	1.3
Hexachlorobutadiene		0.14	J	0.14	1.3

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	74	49 - 123
DCB Decachlorobiphenyl	67	40 - 158

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID: 580-5404-13 Date Sampled: 03/23/2007 1108
Client Matrix: Solid % Moisture: 31.2 Date Received: 03/26/2007 1600

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 580-17286 Instrument ID: SEA034
Preparation: 3550B Prep Batch: 580-17227 Lab File ID: PCB6999.D
Dilution: 1.0 Initial Weight/Volume: 10.8750 g
Date Analyzed: 04/04/2007 0854 Final Weight/Volume: 10 mL
Date Prepared: 04/03/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		7.8	13
PCB-1221		ND		7.8	13
PCB-1232		ND		7.8	13
PCB-1242		ND		7.8	13
PCB-1248		ND		7.8	13
PCB-1254		ND		2.0	13
PCB-1260		ND		2.0	13

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	79	45 - 155
DCB Decachlorobiphenyl	108	50 - 150

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid % Moisture: 27.7 Date Received: 03/26/2007 1600

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 580-17286 Instrument ID: SEA034
Preparation: 3550B Prep Batch: 580-17227 Lab File ID: PCB7000.D
Dilution: 1.0 Initial Weight/Volume: 10.7231 g
Date Analyzed: 04/04/2007 0918 Final Weight/Volume: 10 mL
Date Prepared: 04/03/2007 0827 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		7.5	13
PCB-1221		ND		7.5	13
PCB-1232		ND		7.5	13
PCB-1242		ND		7.5	13
PCB-1248		ND		7.5	13
PCB-1254		ND		1.9	13
PCB-1260		ND		1.9	13

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	82	45 - 155
DCB Decachlorobiphenyl	129	50 - 150

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **New Surface Dredge Comp**

Lab Sample ID:	580-5404-13			Date Sampled:	03/23/2007 1108
Client Matrix:	Solid	% Moisture:	31.2	Date Received:	03/26/2007 1600

AK102 & 103 Nonhalogenated Organics by FID (Diesel Range Organics & Residual Range Organics

Method:	AK102 & 103	Analysis Batch: 580-17312		Instrument ID:	SEA016
Preparation:	3550B	Prep Batch: 580-17271		Lab File ID:	EP20988.D
Dilution:	1.0			Initial Weight/Volume:	10.5752 g
Date Analyzed:	04/04/2007 1447			Final Weight/Volume:	10 mL
Date Prepared:	04/04/2007 0800			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
DRO (nC10-<nC25)		5.7	J	2.9	27
RRO (nC25-nC36)		17	J	8.4	69

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	100	60 - 120
n-Triacontane-d62	100	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: **Harbor Dredge Comp**

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid % Moisture: 27.7 Date Received: 03/26/2007 1600

AK102 & 103 Nonhalogenated Organics by FID (Diesel Range Organics & Residual Range Organics

Method: AK102 & 103 Analysis Batch: 580-17312 Instrument ID: SEA016
Preparation: 3550B Prep Batch: 580-17271 Lab File ID: EP20989.D
Dilution: 1.0 Initial Weight/Volume: 10.7476 g
Date Analyzed: 04/04/2007 1514 Final Weight/Volume: 10 mL
Date Prepared: 04/04/2007 0800 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
DRO (nC10-<nC25)		7.9	J	2.7	26
RRO (nC25-nC36)		28	J	7.9	64

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	100	60 - 120
n-Triacontane-d62	103	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: New Surface Dredge Comp

Lab Sample ID:	580-5404-13	Date Sampled:	03/23/2007 1108
Client Matrix:	Solid % Moisture: 31.2	Date Received:	03/26/2007 1600

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 580-17404		Instrument ID:	SEA027
Preparation:	3050B	Prep Batch: 580-17358		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.3539 g
Date Analyzed:	04/06/2007 1421			Final Weight/Volume:	50 mL
Date Prepared:	04/05/2007 1541				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		12		0.14	2.7
Lead		31	B	0.13	0.81
Antimony		0.96	J	0.31	2.7
Cadmium		0.18	J	0.028	0.27
Copper		110	B	0.12	0.54
Nickel		20		0.094	0.54
Silver		0.094	J	0.059	0.54
Zinc		77	B	0.18	1.6

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 580-17324		Instrument ID:	SEA029
Preparation:	7471A	Prep Batch: 580-17255		Lab File ID:	N/A
Dilution:	20			Initial Weight/Volume:	0.6317 g
Date Analyzed:	04/03/2007 1744			Final Weight/Volume:	50 mL
Date Prepared:	04/03/2007 1350				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		2.2		0.21	0.46

Client: PND Engineers, Inc. Job Number: 580-5404-1

Client Sample ID: Harbor Dredge Comp

Lab Sample ID:	580-5404-14		Date Sampled: 03/23/2007 1100
Client Matrix:	Solid	% Moisture: 27.7	Date Received: 03/26/2007 1600

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method:	6010B	Analysis Batch: 580-17404	Instrument ID: SEA027
Preparation:	3050B	Prep Batch: 580-17358	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 1.2080 g
Date Analyzed:	04/06/2007 1424		Final Weight/Volume: 50 mL
Date Prepared:	04/05/2007 1541		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Arsenic		12		0.15	2.9
Lead		30	B	0.14	0.86
Antimony		1.1	J	0.33	2.9
Cadmium		0.17	J	0.030	0.29
Copper		100	B	0.13	0.57
Nickel		28		0.10	0.57
Silver		0.094	J	0.063	0.57
Zinc		74	B	0.19	1.7

7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method:	7471A	Analysis Batch: 580-17324	Instrument ID: SEA029
Preparation:	7471A	Prep Batch: 580-17255	Lab File ID: N/A
Dilution:	20		Initial Weight/Volume: 0.6795 g
Date Analyzed:	04/03/2007 1749		Final Weight/Volume: 50 mL
Date Prepared:	04/03/2007 1350		

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		3.5		0.18	0.41

General Chemistry

Client Sample ID: PND07-9

Lab Sample ID: 580-5404-2 Date Sampled: 03/23/2007 0937
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	69		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				
Percent Moisture	31		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				

Client Sample ID: PND07-15A

Lab Sample ID: 580-5404-3 Date Sampled: 03/23/2007 0945
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	69		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				
Percent Moisture	31		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				

Client Sample ID: PND07-15C

Lab Sample ID: 580-5404-4 Date Sampled: 03/23/2007 0953
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	71		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				
Percent Moisture	29		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				

General Chemistry

Client Sample ID: PND07-16A

Lab Sample ID: 580-5404-5 Date Sampled: 03/23/2007 1004
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	68		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			
Percent Moisture	32		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			

Client Sample ID: PND07-16C

Lab Sample ID: 580-5404-6 Date Sampled: 03/23/2007 1014
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	68		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			
Percent Moisture	32		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			

Client Sample ID: PND07-14A

Lab Sample ID: 580-5404-7 Date Sampled: 03/23/2007 1025
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	57		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			
Percent Moisture	43		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			

General Chemistry

Client Sample ID: PND07-14C

Lab Sample ID: 580-5404-8 Date Sampled: 03/23/2007 1031
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	49		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				
Percent Moisture	51		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				

Client Sample ID: PND07-12A

Lab Sample ID: 580-5404-9 Date Sampled: 03/23/2007 1044
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	70		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				
Percent Moisture	30		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				

Client Sample ID: PND07-12C

Lab Sample ID: 580-5404-10 Date Sampled: 03/23/2007 1050
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	68		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				
Percent Moisture	32		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722				

General Chemistry

Client Sample ID: PND07-13A

Lab Sample ID: 580-5404-11 Date Sampled: 03/23/2007 1057
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	68		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			
Percent Moisture	32		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			

Client Sample ID: PND07-13C

Lab Sample ID: 580-5404-12 Date Sampled: 03/23/2007 1059
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	66		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			
Percent Moisture	34		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			

Client Sample ID: New Surface Dredge Comp

Lab Sample ID: 580-5404-13 Date Sampled: 03/23/2007 1108
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Volatile Solids	4.5		%	0.010	0.010	1.0	160.4
	Anly Batch: 580-17136	Date Analyzed		03/29/2007 1809			
Percent Solids	69		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17220	Date Analyzed		04/03/2007 0727			
Percent Moisture	31		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17220	Date Analyzed		04/03/2007 0727			

General Chemistry

Client Sample ID: Harbor Dredge Comp

Lab Sample ID: 580-5404-14 Date Sampled: 03/23/2007 1100
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Volatile Solids	3.6		%	0.010	0.010	1.0	160.4
	Anly Batch: 580-17136	Date Analyzed		03/29/2007 1809			
Percent Solids	72		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17220	Date Analyzed		04/03/2007 0727			
Percent Moisture	28		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17220	Date Analyzed		04/03/2007 0727			

Client Sample ID: PND07-4A

Lab Sample ID: 580-5404-15 Date Sampled: 03/23/2007 1127
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	67		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			
Percent Moisture	33		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			

Client Sample ID: PND07-4C

Lab Sample ID: 580-5404-16 Date Sampled: 03/23/2007 1135
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	73		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			
Percent Moisture	27		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17264	Date Analyzed		04/04/2007 0722			

General Chemistry

Client Sample ID: PND07-3A

Lab Sample ID: 580-5404-17 Date Sampled: 03/23/2007 1143
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	67		%	0.10	0.10	1.0	PercentMoisture
Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722					
Percent Moisture	33		%	0.10	0.10	1.0	PercentMoisture
Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722					

Client Sample ID: PND07-C

Lab Sample ID: 580-5404-18 Date Sampled: 03/23/2007 1150
Client Matrix: Solid Date Received: 03/26/2007 1600

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Solids	59		%	0.10	0.10	1.0	PercentMoisture
Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722					
Percent Moisture	41		%	0.10	0.10	1.0	PercentMoisture
Anly Batch: 580-17264	Date Analyzed	04/04/2007 0722					

Client: PND Engineers, Inc. Job Number: 580-5404-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 580-17278					
LCS 580-17278/4-AA	Lab Control Spike	T	Solid	5035	
LCSD 580-17278/5-AA	Lab Control Spike Duplicate	T	Solid	5035	
MB 580-17278/1-AA	Method Blank	T	Solid	5035	
580-5404-1	Trip blank	T	Solid	5035	
580-5404-2	PND07-9	T	Solid	5035	
580-5404-3	PND07-15A	T	Solid	5035	
580-5404-4	PND07-15C	T	Solid	5035	
580-5404-5	PND07-16A	T	Solid	5035	
580-5404-6	PND07-16C	T	Solid	5035	
580-5404-7	PND07-14A	T	Solid	5035	
580-5404-8	PND07-14C	T	Solid	5035	
580-5404-9	PND07-12A	T	Solid	5035	
580-5404-10	PND07-12C	T	Solid	5035	
580-5404-11	PND07-13A	T	Solid	5035	
580-5404-12	PND07-13C	T	Solid	5035	
580-5404-13	New Surface Dredge Comp	T	Solid	5035	
580-5404-14	Harbor Dredge Comp	T	Solid	5035	
580-5404-14MS	Matrix Spike	T	Solid	5035	
580-5404-15	PND07-4A	T	Solid	5035	
580-5404-16	PND07-4C	T	Solid	5035	
580-5404-17	PND07-3A	T	Solid	5035	
580-5404-18	PND07-C	T	Solid	5035	

Client: PND Engineers, Inc. Job Number: 580-5404-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:580-17344					
LCS 580-17278/4-AA	Lab Control Spike	T	Solid	8260B	580-17278
LCSD 580-17278/5-AA	Lab Control Spike Duplicate	T	Solid	8260B	580-17278
MB 580-17278/1-AA	Method Blank	T	Solid	8260B	580-17278
580-5404-1	Trip blank	T	Solid	8260B	580-17278
580-5404-2	PND07-9	T	Solid	8260B	580-17278
580-5404-3	PND07-15A	T	Solid	8260B	580-17278
580-5404-4	PND07-15C	T	Solid	8260B	580-17278
580-5404-5	PND07-16A	T	Solid	8260B	580-17278
580-5404-6	PND07-16C	T	Solid	8260B	580-17278
580-5404-7	PND07-14A	T	Solid	8260B	580-17278
580-5404-8	PND07-14C	T	Solid	8260B	580-17278
580-5404-9	PND07-12A	T	Solid	8260B	580-17278
580-5404-10	PND07-12C	T	Solid	8260B	580-17278
580-5404-11	PND07-13A	T	Solid	8260B	580-17278
580-5404-12	PND07-13C	T	Solid	8260B	580-17278
580-5404-13	New Surface Dredge Comp	T	Solid	8260B	580-17278
580-5404-14	Harbor Dredge Comp	T	Solid	8260B	580-17278
580-5404-14MS	Matrix Spike	T	Solid	8260B	580-17278
580-5404-15	PND07-4A	T	Solid	8260B	580-17278
580-5404-16	PND07-4C	T	Solid	8260B	580-17278
580-5404-17	PND07-3A	T	Solid	8260B	580-17278
580-5404-18	PND07-C	T	Solid	8260B	580-17278

Report Basis
T = Total

GC/MS Semi VOA

Prep Batch: 580-17263					
LCS 580-17263/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 580-17263/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 580-17263/1-AA	Method Blank	T	Solid	3550B	
580-5404-13	New Surface Dredge Comp	T	Solid	3550B	
580-5404-14	Harbor Dredge Comp	T	Solid	3550B	
Analysis Batch:580-17369					
LCS 580-17263/2-AA	Lab Control Spike	T	Solid	8270C	580-17263
LCSD 580-17263/3-AA	Lab Control Spike Duplicate	T	Solid	8270C	580-17263
MB 580-17263/1-AA	Method Blank	T	Solid	8270C	580-17263
580-5404-13	New Surface Dredge Comp	T	Solid	8270C	580-17263
580-5404-14	Harbor Dredge Comp	T	Solid	8270C	580-17263

Report Basis
T = Total

STL Seattle

Client: PND Engineers, Inc. Job Number: 580-5404-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 580-17278					
LCS 580-17278/2-AA	Lab Control Spike	T	Solid	5035	
LCSD 580-17278/3-AA	Lab Control Spike Duplicate	T	Solid	5035	
MB 580-17278/1-AA	Method Blank	T	Solid	5035	
580-5404-1	Trip blank	T	Solid	5035	
580-5404-2	PND07-9	T	Solid	5035	
580-5404-2MS	Matrix Spike	T	Solid	5035	
580-5404-2MSD	Matrix Spike Duplicate	T	Solid	5035	
580-5404-3	PND07-15A	T	Solid	5035	
580-5404-4	PND07-15C	T	Solid	5035	
580-5404-5	PND07-16A	T	Solid	5035	
580-5404-6	PND07-16C	T	Solid	5035	
580-5404-7	PND07-14A	T	Solid	5035	
580-5404-8	PND07-14C	T	Solid	5035	
580-5404-9	PND07-12A	T	Solid	5035	
580-5404-10	PND07-12C	T	Solid	5035	
580-5404-11	PND07-13A	T	Solid	5035	
580-5404-12	PND07-13C	T	Solid	5035	
580-5404-13	New Surface Dredge Comp	T	Solid	5035	
580-5404-14	Harbor Dredge Comp	T	Solid	5035	
580-5404-15	PND07-4A	T	Solid	5035	
580-5404-16	PND07-4C	T	Solid	5035	
580-5404-17	PND07-3A	T	Solid	5035	
580-5404-18	PND07-C	T	Solid	5035	

Client: PND Engineers, Inc. Job Number: 580-5404-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Analysis Batch:580-17338					
LCS 580-17278/2-AA	Lab Control Spike	T	Solid	AK101	580-17278
LCSD 580-17278/3-AA	Lab Control Spike Duplicate	T	Solid	AK101	580-17278
MB 580-17278/1-AA	Method Blank	T	Solid	AK101	580-17278
580-5404-1	Trip blank	T	Solid	AK101	580-17278
580-5404-2	PND07-9	T	Solid	AK101	580-17278
580-5404-2MS	Matrix Spike	T	Solid	AK101	580-17278
580-5404-2MSD	Matrix Spike Duplicate	T	Solid	AK101	580-17278
580-5404-3	PND07-15A	T	Solid	AK101	580-17278
580-5404-4	PND07-15C	T	Solid	AK101	580-17278
580-5404-5	PND07-16A	T	Solid	AK101	580-17278
580-5404-6	PND07-16C	T	Solid	AK101	580-17278
580-5404-7	PND07-14A	T	Solid	AK101	580-17278
580-5404-8	PND07-14C	T	Solid	AK101	580-17278
580-5404-9	PND07-12A	T	Solid	AK101	580-17278
580-5404-10	PND07-12C	T	Solid	AK101	580-17278
580-5404-11	PND07-13A	T	Solid	AK101	580-17278
580-5404-12	PND07-13C	T	Solid	AK101	580-17278
580-5404-13	New Surface Dredge Comp	T	Solid	AK101	580-17278
580-5404-14	Harbor Dredge Comp	T	Solid	AK101	580-17278
580-5404-15	PND07-4A	T	Solid	AK101	580-17278
580-5404-16	PND07-4C	T	Solid	AK101	580-17278
580-5404-17	PND07-3A	T	Solid	AK101	580-17278
580-5404-18	PND07-C	T	Solid	AK101	580-17278

Report Basis
T = Total

Client: PND Engineers, Inc. Job Number: 580-5404-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 580-17226					
LCS 580-17226/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 580-17226/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 580-17226/1-AA	Method Blank	T	Solid	3550B	
580-5404-13	New Surface Dredge Comp	T	Solid	3550B	
580-5404-14	Harbor Dredge Comp	T	Solid	3550B	
Prep Batch: 580-17227					
LCS 580-17227/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 580-17227/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 580-17227/1-AA	Method Blank	T	Solid	3550B	
580-5404-13	New Surface Dredge Comp	T	Solid	3550B	
580-5404-14	Harbor Dredge Comp	T	Solid	3550B	
Prep Batch: 580-17271					
LCS 580-17271/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 580-17271/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 580-17271/1-AA	Method Blank	T	Solid	3550B	
580-5404-13	New Surface Dredge Comp	T	Solid	3550B	
580-5404-14	Harbor Dredge Comp	T	Solid	3550B	
580-5404-14MS	Matrix Spike	T	Solid	3550B	
580-5404-14MSD	Matrix Spike Duplicate	T	Solid	3550B	
Analysis Batch:580-17286					
LCS 580-17227/2-AA	Lab Control Spike	T	Solid	8082	580-17227
LCSD 580-17227/3-AA	Lab Control Spike Duplicate	T	Solid	8082	580-17227
MB 580-17227/1-AA	Method Blank	T	Solid	8082	580-17227
580-5404-13	New Surface Dredge Comp	T	Solid	8082	580-17227
580-5404-14	Harbor Dredge Comp	T	Solid	8082	580-17227
Analysis Batch:580-17312					
LCS 580-17271/2-AA	Lab Control Spike	T	Solid	AK102 & 103	580-17271
LCSD 580-17271/3-AA	Lab Control Spike Duplicate	T	Solid	AK102 & 103	580-17271
MB 580-17271/1-AA	Method Blank	T	Solid	AK102 & 103	580-17271
580-5404-13	New Surface Dredge Comp	T	Solid	AK102 & 103	580-17271
580-5404-14	Harbor Dredge Comp	T	Solid	AK102 & 103	580-17271
580-5404-14MS	Matrix Spike	T	Solid	AK102 & 103	580-17271
580-5404-14MSD	Matrix Spike Duplicate	T	Solid	AK102 & 103	580-17271
Analysis Batch:580-17346					
LCS 580-17226/2-AA	Lab Control Spike	T	Solid	8081A	580-17226
LCSD 580-17226/3-AA	Lab Control Spike Duplicate	T	Solid	8081A	580-17226
MB 580-17226/1-AA	Method Blank	T	Solid	8081A	580-17226
580-5404-13	New Surface Dredge Comp	T	Solid	8081A	580-17226

Client: PND Engineers, Inc. Job Number: 580-5404-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:580-17348					
580-5404-14	Harbor Dredge Comp	T	Solid	8081A	580-17226

Report Basis
T = Total

Metals					
Prep Batch: 580-17255					
LCS 580-17255/12-AA	Lab Control Spike	T	Solid	7471A	
LCSD 580-17255/13-AA	Lab Control Spike Duplicate	T	Solid	7471A	
LCSSRM 580-17255/14-AA	LCS-Standard Reference Material	T	Solid	7471A	
MB 580-17255/11-AA	Method Blank	T	Solid	7471A	
580-5404-13	New Surface Dredge Comp	T	Solid	7471A	
580-5404-14	Harbor Dredge Comp	T	Solid	7471A	
Analysis Batch:580-17324					
LCS 580-17255/12-AA	Lab Control Spike	T	Solid	7471A	580-17255
LCSD 580-17255/13-AA	Lab Control Spike Duplicate	T	Solid	7471A	580-17255
LCSSRM 580-17255/14-AA	LCS-Standard Reference Material	T	Solid	7471A	580-17255
MB 580-17255/11-AA	Method Blank	T	Solid	7471A	580-17255
580-5404-13	New Surface Dredge Comp	T	Solid	7471A	580-17255
580-5404-14	Harbor Dredge Comp	T	Solid	7471A	580-17255
Prep Batch: 580-17358					
LCS 580-17358/20-AA	Lab Control Spike	T	Solid	3050B	
LCSD 580-17358/21-AA	Lab Control Spike Duplicate	T	Solid	3050B	
LCSSRM 580-17358/22-AA	LCS-Standard Reference Material	T	Solid	3050B	
MB 580-17358/19-AA	Method Blank	T	Solid	3050B	
580-5404-13	New Surface Dredge Comp	T	Solid	3050B	
580-5404-14	Harbor Dredge Comp	T	Solid	3050B	
Analysis Batch:580-17404					
LCS 580-17358/20-AA	Lab Control Spike	T	Solid	6010B	580-17358
LCSD 580-17358/21-AA	Lab Control Spike Duplicate	T	Solid	6010B	580-17358
LCSSRM 580-17358/22-AA	LCS-Standard Reference Material	T	Solid	6010B	580-17358
MB 580-17358/19-AA	Method Blank	T	Solid	6010B	580-17358
580-5404-13	New Surface Dredge Comp	T	Solid	6010B	580-17358
580-5404-14	Harbor Dredge Comp	T	Solid	6010B	580-17358

Report Basis
T = Total

Client: PND Engineers, Inc. Job Number: 580-5404-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:580-17136					
MB 580-17136/9	Method Blank	T	Solid	160.4	
580-5404-13	New Surface Dredge Comp	T	Solid	160.4	
580-5404-14	Harbor Dredge Comp	T	Solid	160.4	
Analysis Batch:580-17220					
580-5404-13	New Surface Dredge Comp	T	Solid	PercentMoisture	
580-5404-14	Harbor Dredge Comp	T	Solid	PercentMoisture	
Analysis Batch:580-17264					
580-5404-2	PND07-9	T	Solid	PercentMoisture	
580-5404-3	PND07-15A	T	Solid	PercentMoisture	
580-5404-4	PND07-15C	T	Solid	PercentMoisture	
580-5404-5	PND07-16A	T	Solid	PercentMoisture	
580-5404-6	PND07-16C	T	Solid	PercentMoisture	
580-5404-7	PND07-14A	T	Solid	PercentMoisture	
580-5404-8	PND07-14C	T	Solid	PercentMoisture	
580-5404-9	PND07-12A	T	Solid	PercentMoisture	
580-5404-10	PND07-12C	T	Solid	PercentMoisture	
580-5404-11	PND07-13A	T	Solid	PercentMoisture	
580-5404-12	PND07-13C	T	Solid	PercentMoisture	
580-5404-15	PND07-4A	T	Solid	PercentMoisture	
580-5404-16	PND07-4C	T	Solid	PercentMoisture	
580-5404-17	PND07-3A	T	Solid	PercentMoisture	
580-5404-18	PND07-C	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17278

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-17278/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2314
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17344
Prep Batch: 580-17278
Units: ug/Kg

Instrument ID: SEA041
Lab File ID: ar0006109.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	Result	Qual	MDL	RL
Benzene	ND		2.8	8.0
Toluene	ND		7.4	40
Ethylbenzene	ND		7.2	40
m-Xylene & p-Xylene	ND		15	40
o-Xylene	ND		7.2	40

Surrogate	% Rec	Acceptance Limits
Fluorobenzene (Surr)	100	75 - 125
Toluene-d8 (Surr)	104	75 - 125
Ethylbenzene-d10	104	75 - 125
4-Bromofluorobenzene (Surr)	112	75 - 125
Trifluorotoluene (Surr)	119	75 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17278

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 580-17278/4-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2207
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17344
Prep Batch: 580-17278
Units: ug/Kg

Instrument ID: SEA041
Lab File ID: ar0006106.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

LCSD Lab Sample ID: LCSD 580-17278/5-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2229
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17344
Prep Batch: 580-17278
Units: ug/Kg

Instrument ID: SEA041
Lab File ID: ar0006107.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	99	100	75 - 125	0	22		
Toluene	110	110	70 - 125	1	21		
Ethylbenzene	104	106	75 - 125	2	20		
m-Xylene & p-Xylene	112	114	80 - 125	1	20		
o-Xylene	108	108	75 - 125	1	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	100	99	75 - 125
Toluene-d8 (Surr)	104	103	75 - 125
Ethylbenzene-d10	102	103	75 - 125
4-Bromofluorobenzene (Surr)	109	111	75 - 125
Trifluorotoluene (Surr)	115	118	75 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17278

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 580-17278/4-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2207
Date Prepared: 04/04/2007 0821

Units: ug/Kg

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2229
Date Prepared: 04/04/2007 0821

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	1000	1000	994	997
Toluene	1000	1000	1100	1100
Ethylbenzene	1000	1000	1040	1060
m-Xylene & p-Xylene	2000	2000	2240	2270
o-Xylene	1000	1000	1080	1080

Matrix Spike - Batch: 580-17278

Method: 8260B
Preparation: 5035

Lab Sample ID: 580-5404-14
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0918
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17344
Prep Batch: 580-17278
Units: ug/Kg

Instrument ID: SEA041
Lab File ID: ar0006136.D
Initial Weight/Volume: 10.496 g
Final Weight/Volume: 400 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	ND	1320	927	70	75 - 125	F
Toluene	ND	1320	1050	80	70 - 125	
Ethylbenzene	ND	1320	1010	77	75 - 125	
m-Xylene & p-Xylene	ND	2640	2160	82	80 - 125	
o-Xylene	ND	1320	1060	81	75 - 125	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17263

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 580-17263/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2251
Date Prepared: 04/04/2007 0636

Analysis Batch: 580-17369
Prep Batch: 580-17263
Units: ug/Kg

Instrument ID: SEA040
Lab File ID: ak008786.D
Initial Weight/Volume: 20 g
Final Weight/Volume: 2 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
1,2,4-Trichlorobenzene	ND		0.99	5.0
1,2-Dichlorobenzene	ND		1.7	5.0
1,3-Dichlorobenzene	ND		1.2	5.0
1,4-Dichlorobenzene	ND		0.76	5.0
2,4-Dimethylphenol	ND		1.9	10
2-Methylnaphthalene	ND		0.31	2.0
2-Methylphenol	ND		2.8	10
3 & 4 Methylphenol	ND		5.3	20
Acenaphthene	ND		0.57	2.0
Acenaphthylene	ND		0.23	2.0
Anthracene	ND		0.43	2.0
Benzo[a]anthracene	ND		0.65	2.5
Benzo[a]pyrene	ND		0.85	3.0
Benzo[g,h,i]perylene	ND		0.73	2.5
Benzofluoranthene	ND		1.0	4.0
Benzoic acid	ND		83	250
Benzyl alcohol	ND		3.0	10
Bis(2-ethylhexyl) phthalate	31	J	24	150
Butyl benzyl phthalate	ND		2.9	10
Chrysene	ND		0.75	2.5
Dibenz(a,h)anthracene	ND		1.2	4.0
Dibenzofuran	ND		1.7	10
Diethyl phthalate	1.2	J	0.72	10
Dimethyl phthalate	ND		0.77	10
Di-n-butyl phthalate	3.2	J	1.3	20
Di-n-octyl phthalate	ND		3.3	20
Fluoranthene	ND		0.31	2.0
Fluorene	ND		0.26	2.0
Hexachlorobenzene	ND		1.1	5.0
Hexachlorobutadiene	ND		1.3	5.0
Hexachloroethane	ND		2.1	10
Indeno[1,2,3-cd]pyrene	ND		1.2	4.0
N-Nitrosodiphenylamine	ND		1.5	5.0
Pentachlorophenol	ND		3.1	10
Phenanthrene	ND		0.40	2.0
Phenol	ND		2.7	10
Pyrene	ND		0.27	2.0
Naphthalene	ND		0.57	2.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	77	42 - 140

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Surrogate	% Rec	Acceptance Limits
2-Fluorophenol	70	36 - 145
2,4,6-Tribromophenol	46	28 - 143
Nitrobenzene-d5	58	38 - 141
Phenol-d5	70	38 - 149
Terphenyl-d14	76	42 - 151

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17263

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17263/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2318
Date Prepared: 04/04/2007 0636

Analysis Batch: 580-17369
Prep Batch: 580-17263
Units: ug/Kg

Instrument ID: SEA040
Lab File ID: ak008787.D
Initial Weight/Volume: 20 g
Final Weight/Volume: 2 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 580-17263/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2346
Date Prepared: 04/04/2007 0636

Analysis Batch: 580-17369
Prep Batch: 580-17263
Units: ug/Kg

Instrument ID: SEA040
Lab File ID: ak008788.D
Initial Weight/Volume: 20 g
Final Weight/Volume: 2 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2,4-Trichlorobenzene	93	95	63 - 128	2	28		
1,2-Dichlorobenzene	92	94	68 - 118	2	60		
1,3-Dichlorobenzene	90	92	64 - 124	3	60		
1,4-Dichlorobenzene	92	95	62 - 132	3	32		
2,4-Dimethylphenol	91	91	58 - 133	0	60		
2-Methylnaphthalene	94	97	65 - 125	3	27		
2-Methylphenol	91	92	56 - 121	2	25		
3 & 4 Methylphenol	91	94	61 - 126	3	27		
Acenaphthene	100	101	65 - 130	2	27		
Acenaphthylene	90	91	69 - 129	1	28		
Anthracene	102	105	73 - 123	2	27		
Benzo[a]anthracene	97	99	64 - 124	2	27		
Benzo[a]pyrene	92	92	68 - 128	1	30		
Benzo[g,h,i]perylene	104	104	57 - 142	0	28		
Benzofluoranthene	92	91	57 - 137	1	31		
Benzoic acid	20	21	10 - 130	5	60		
Benzyl alcohol	87	89	42 - 147	2	60		
Bis(2-ethylhexyl) phthalate	151	106	64 - 144	35	60	J *	J
Butyl benzyl phthalate	83	72	65 - 140	14	60		
Chrysene	111	109	71 - 126	2	26		
Dibenz(a,h)anthracene	91	89	57 - 142	2	30		
Dibenzofuran	101	104	70 - 125	3	60		
Diethyl phthalate	99	95	64 - 129	4	26		
Dimethyl phthalate	105	102	65 - 125	2	60		
Di-n-butyl phthalate	95	86	69 - 124	10	60		
Di-n-octyl phthalate	87	83	58 - 148	5	31		
Fluoranthene	103	110	61 - 121	7	36		
Fluorene	104	107	68 - 128	3	31		
Hexachlorobenzene	108	100	61 - 136	8	60		
Hexachlorobutadiene	95	96	59 - 134	1	60		
Hexachloroethane	88	90	56 - 131	2	60		
Indeno[1,2,3-cd]pyrene	63	64	59 - 139	2	29		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17263

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17263/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2318
Date Prepared: 04/04/2007 0636

Analysis Batch: 580-17369
Prep Batch: 580-17263
Units: ug/Kg

Instrument ID: SEA040
Lab File ID: ak008787.D
Initial Weight/Volume: 20 g
Final Weight/Volume: 2 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 580-17263/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2346
Date Prepared: 04/04/2007 0636

Analysis Batch: 580-17369
Prep Batch: 580-17263
Units: ug/Kg

Instrument ID: SEA040
Lab File ID: ak008788.D
Initial Weight/Volume: 20 g
Final Weight/Volume: 2 mL
Injection Volume:

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
N-Nitrosodiphenylamine	101	96	88 - 153	5	60		
Pentachlorophenol	72	77	29 - 124	7	68		
Phenanthrene	106	107	65 - 125	1	28		
Phenol	95	98	66 - 126	4	26		
Pyrene	104	114	54 - 134	9	31		
Naphthalene	95	97	64 - 129	2	26		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
2-Fluorobiphenyl	67	69	42 - 140
2-Fluorophenol	66	72	36 - 145
2,4,6-Tribromophenol	79	80	28 - 143
Nitrobenzene-d5	43	43	38 - 141
Phenol-d5	72	77	38 - 149
Terphenyl-d14	83	98	42 - 151

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17263

Method: 8270C
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17263/2-AA Units: ug/Kg LCSD Lab Sample ID: LCSD
Client Matrix: Solid Client Matrix: Solid
Dilution: 1.0 Dilution: 1.0
Date Analyzed: 04/04/2007 2318 Date Analyzed: 04/04/2007 2346
Date Prepared: 04/04/2007 0636 Date Prepared: 04/04/2007 0636

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	50.0	50.0	46.6	47.6
1,2-Dichlorobenzene	50.0	50.0	45.9	46.9
1,3-Dichlorobenzene	50.0	50.0	44.8	46.2
1,4-Dichlorobenzene	50.0	50.0	45.8	47.3
2,4-Dimethylphenol	50.0	50.0	45.6	45.7
2-Methylnaphthalene	50.0	50.0	47.2	48.6
2-Methylphenol	50.0	50.0	45.3	46.2
3 & 4 Methylphenol	50.0	50.0	45.6	47.0
Acenaphthene	50.0	50.0	49.9	50.7
Acenaphthylene	50.0	50.0	45.2	45.6
Anthracene	50.0	50.0	51.2	52.4
Benzo[a]anthracene	50.0	50.0	48.3	49.3
Benzo[a]pyrene	50.0	50.0	45.9	46.2
Benzo[g,h,i]perylene	50.0	50.0	51.9	52.2
Benzofluoranthene	100	100	92.2	91.1
Benzoic acid	250	250	50.9	53.7
Benzyl alcohol	50.0	50.0	43.5	44.5
Bis(2-ethylhexyl) phthalate	50.0	50.0	75.5 J *	53.0 J
Butyl benzyl phthalate	50.0	50.0	41.5	36.1
Chrysene	50.0	50.0	55.3	54.3
Dibenz(a,h)anthracene	50.0	50.0	45.3	44.3
Dibenzofuran	50.0	50.0	50.7	52.2
Diethyl phthalate	50.0	50.0	49.5	47.7
Dimethyl phthalate	50.0	50.0	52.4	51.2
Di-n-butyl phthalate	50.0	50.0	47.7	43.0
Di-n-octyl phthalate	50.0	50.0	43.7	41.6
Fluoranthene	50.0	50.0	51.5	55.0
Fluorene	50.0	50.0	51.8	53.3
Hexachlorobenzene	50.0	50.0	53.8	49.9
Hexachlorobutadiene	50.0	50.0	47.3	47.8
Hexachloroethane	50.0	50.0	44.1	44.9
Indeno[1,2,3-cd]pyrene	50.0	50.0	31.4	31.9
N-Nitrosodiphenylamine	50.0	50.0	50.5	48.0
Pentachlorophenol	50.0	50.0	35.9	38.4
Phenanthrene	50.0	50.0	53.1	53.5
Phenol	50.0	50.0	47.3	49.2
Pyrene	50.0	50.0	52.1	57.1
Naphthalene	50.0	50.0	47.6	48.4

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17278

Method: AK101
Preparation: 5035

Lab Sample ID: MB 580-17278/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2314
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17338
Prep Batch: 580-17278
Units: mg/Kg

Instrument ID: SEA041
Lab File ID: gx0006109.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	ND		0.76	4.0

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	103	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	92	60 - 120
Toluene-d8 (Surr)	106	60 - 120

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17278

Method: AK101
Preparation: 5035

LCS Lab Sample ID: LCS 580-17278/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2122
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17338
Prep Batch: 580-17278
Units: mg/Kg

Instrument ID: SEA041
Lab File ID: gx0006104.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-17278/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 2145
Date Prepared: 04/04/2007 0821

Analysis Batch: 580-17338
Prep Batch: 580-17278
Units: mg/Kg

Instrument ID: SEA041
Lab File ID: gx0006105.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Gasoline Range Organics (GRO)-C6-C10	104	104	60 - 120	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	110	108	60 - 120
4-Bromofluorobenzene (Surr)	98	99	60 - 120
Ethylbenzene-d10	103	103	60 - 120
Fluorobenzene (Surr)	103	99	60 - 120
Toluene-d8 (Surr)	101	102	60 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17278

Method: AK101
Preparation: 5035

LCS Lab Sample ID:	LCS 580-17278/2-AA	Units: mg/Kg	LCSD Lab Sample ID:	LCSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	04/04/2007 2122		Date Analyzed:	04/04/2007 2145	
Date Prepared:	04/04/2007 0821		Date Prepared:	04/04/2007 0821	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Gasoline Range Organics (GRO)-C6-C10	44.0	44.0	46.0	45.7

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-17278

Method: AK101
Preparation: 5035

MS Lab Sample ID:	580-5404-2	Analysis Batch: 580-17338	Instrument ID:	SEA041	
Client Matrix:	Solid	Prep Batch: 580-17278	Lab File ID:	gx0006121.D	
Dilution:	1.0		Initial Weight/Volume:	50.45 g	
Date Analyzed:	04/05/2007 0342		Final Weight/Volume:	1000 mL	
Date Prepared:	04/04/2007 0821		Injection Volume:		
			Column ID:	PRIMARY	
MSD Lab Sample ID:	580-5404-2	Analysis Batch: 580-17338	Instrument ID:	SEA041	
Client Matrix:	Solid	Prep Batch: 580-17278	Lab File ID:	gx0006122.D	
Dilution:	1.0		Initial Weight/Volume:	50.45 g	
Date Analyzed:	04/05/2007 0405		Final Weight/Volume:	1000 mL	
Date Prepared:	04/04/2007 0821		Injection Volume:		
			Column ID:	PRIMARY	

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Gasoline Range Organics (GRO)-C6-C10	91	94	50 - 150	3	50		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Trifluorotoluene (Surr)	43	X	42	X	60 - 120
4-Bromofluorobenzene (Surr)	103		95		60 - 120
Ethylbenzene-d10	102		102		60 - 120
Fluorobenzene (Surr)	101		101		60 - 120
Toluene-d8 (Surr)	101		101		60 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 580-17278

Method: AK101
Preparation: 5035

MS Lab Sample ID:	580-5404-2	Units: mg/Kg	MSD Lab Sample ID: 580-5404-2
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	04/05/2007 0342		Date Analyzed: 04/05/2007 0405
Date Prepared:	04/04/2007 0821		Date Prepared: 04/04/2007 0821

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Gasoline Range Organics (GRO)-C6-C10	0.59 J	35.8	35.8	33.2	34.1

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17226

Method: 8081A
Preparation: 3550B

Lab Sample ID: MB 580-17226/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 2035
Date Prepared: 04/03/2007 0821

Analysis Batch: 580-17346
Prep Batch: 580-17226
Units: ug/Kg

Instrument ID: SEA035
Lab File ID: ECD23917.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	ND		0.11	1.0
gamma-BHC (Lindane)	ND		0.12	1.0
4,4'-DDD	ND		0.27	2.0
4,4'-DDE	ND		0.23	2.0
4,4'-DDT	ND		0.27	2.0
Dieldrin	ND		0.22	2.0
Heptachlor	ND		0.14	1.0
alpha-Chlordane	ND		0.12	1.0
Hexachlorobenzene	ND		0.18	1.0
Hexachlorobutadiene	ND		0.11	1.0

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	101	49 - 123
DCB Decachlorobiphenyl	102	40 - 158

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17226

Method: 8081A
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17226/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 2055
Date Prepared: 04/03/2007 0821

Analysis Batch: 580-17346
Prep Batch: 580-17226
Units: ug/Kg

Instrument ID: SEA035
Lab File ID: ECD23918.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-17226/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 2114
Date Prepared: 04/03/2007 0821

Analysis Batch: 580-17346
Prep Batch: 580-17226
Units: ug/Kg

Instrument ID: SEA035
Lab File ID: ECD23919.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	102	102	53 - 126	2	24		
gamma-BHC (Lindane)	99	99	50 - 127	0	29		
4,4'-DDD	96	101	44 - 141	10	41		
4,4'-DDE	102	105	47 - 140	9	40		
4,4'-DDT	104	109	34 - 159	4	47		
Dieldrin	101	103	53 - 134	0	32		
Heptachlor	101	102	50 - 130	4	31		
alpha-Chlordane	98	99	46 - 118	1	33		
Hexachlorobenzene	94	94	10 - 188	26	37		
Hexachlorobutadiene	85	85	37 - 119	2	39		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	98	96	49 - 123
DCB Decachlorobiphenyl	94	98	40 - 158

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17226

Method: 8081A
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-17226/2-AA	Units: ug/Kg	LCSD Lab Sample ID:	LCSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	04/03/2007 2055		Date Analyzed:	04/03/2007 2114	
Date Prepared:	04/03/2007 0821		Date Prepared:	04/03/2007 0821	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	20.0	20.0	20.4	20.3
gamma-BHC (Lindane)	20.0	20.0	19.7	19.7
4,4'-DDD	20.0	20.0	19.1	20.1
4,4'-DDE	20.0	20.0	20.4	20.9
4,4'-DDT	20.0	20.0	20.9	21.9
Dieldrin	20.0	20.0	20.2	20.7
Heptachlor	20.0	20.0	20.3	20.4
alpha-Chlordane	20.0	20.0	19.5	19.7
Hexachlorobenzene	20.0	20.0	18.7	18.7
Hexachlorobutadiene	20.0	20.0	17.0	17.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17227

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 580-17227/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1143
Date Prepared: 04/03/2007 0827

Analysis Batch: 580-17286
Prep Batch: 580-17227
Units: ug/Kg

Instrument ID: SEA034
Lab File ID: PCB6959.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	ND		5.8	10
PCB-1221	ND		5.8	10
PCB-1232	ND		5.8	10
PCB-1242	ND		5.8	10
PCB-1248	ND		5.8	10
PCB-1254	ND		1.5	10
PCB-1260	ND		1.5	10

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	89	45 - 155
DCB Decachlorobiphenyl	98	50 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17227

Method: 8082
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17227/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1207
Date Prepared: 04/03/2007 0827

Analysis Batch: 580-17286
Prep Batch: 580-17227
Units: ug/Kg

Instrument ID: SEA034
Lab File ID: PCB6960.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-17227/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1230
Date Prepared: 04/03/2007 0827

Analysis Batch: 580-17286
Prep Batch: 580-17227
Units: ug/Kg

Instrument ID: SEA034
Lab File ID: PCB6961.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
PCB-1016	80	77	57 - 128	0	8		
PCB-1260	94	88	65 - 132	2	8		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	90	83	45 - 155
DCB Decachlorobiphenyl	94	86	50 - 150

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17227

Method: 8082
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17227/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1207
Date Prepared: 04/03/2007 0827

Units: ug/Kg

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1230
Date Prepared: 04/03/2007 0827

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	100	100	80.5	77.0
PCB-1260	100	100	94.3	87.8

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17271

Method: AK102 & 103
Preparation: 3550B

Lab Sample ID: MB 580-17271/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 1212
Date Prepared: 04/04/2007 0800

Analysis Batch: 580-17312
Prep Batch: 580-17271
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP20982.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
DRO (nC10-<nC25)	ND		2.1	20
RRO (nC25-nC36)	ND		6.1	50

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	64	60 - 120
n-Triacontane-d62	82	60 - 120

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17271

Method: AK102 & 103
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17271/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 1234
Date Prepared: 04/04/2007 0800

Analysis Batch: 580-17312
Prep Batch: 580-17271
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP20983.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

LCSD Lab Sample ID: LCSD 580-17271/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 1300
Date Prepared: 04/04/2007 0800

Analysis Batch: 580-17312
Prep Batch: 580-17271
Units: mg/Kg

Instrument ID: SEA016
Lab File ID: EP20984.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:

Analyte	% Rec. LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
DRO (nC10-<nC25)	98	93	75 - 125	5	20		
RRO (nC25-nC36)	111	110	60 - 120	0	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	96	90	60 - 120
n-Triacontane-d62	97	98	60 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17271

Method: AK102 & 103
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-17271/2-AA	Units: mg/Kg	LCSD Lab Sample ID:	LCSD	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	04/04/2007 1234		Date Analyzed:	04/04/2007 1300	
Date Prepared:	04/04/2007 0800		Date Prepared:	04/04/2007 0800	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
DRO (nC10-<nC25)	500	500	490	465
RRO (nC25-nC36)	500	500	553	551

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-17271

Method: AK102 & 103
Preparation: 3550B

MS Lab Sample ID:	580-5404-14	Analysis Batch: 580-17312	Instrument ID:	SEA016	
Client Matrix:	Solid	Prep Batch: 580-17271	Lab File ID:	EP20990.D	
Dilution:	1.0		Initial Weight/Volume:	10.9170	g
Date Analyzed:	04/04/2007 1541		Final Weight/Volume:	10	mL
Date Prepared:	04/04/2007 0800		Injection Volume:		

MSD Lab Sample ID:	580-5404-14	Analysis Batch: 580-17312	Instrument ID:	SEA016	
Client Matrix:	Solid	Prep Batch: 580-17271	Lab File ID:	EP20991.D	
Dilution:	1.0		Initial Weight/Volume:	10.8282	g
Date Analyzed:	04/04/2007 1608		Final Weight/Volume:	10	mL
Date Prepared:	04/04/2007 0800		Injection Volume:		

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
DRO (nC10-<nC25)	102	77	72 - 128	27	20		F
RRO (nC25-nC36)	109	103	53 - 116	5	21		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	100	75	60 - 120
n-Triacontane-d62	97	94	60 - 120

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 580-17271

Method: AK102 & 103
Preparation: 3550B

MS Lab Sample ID:	580-5404-14	Units: mg/Kg	MSD Lab Sample ID:	580-5404-14	
Client Matrix:	Solid		Client Matrix:	Solid	
Dilution:	1.0		Dilution:	1.0	
Date Analyzed:	04/04/2007 1541		Date Analyzed:	04/04/2007 1608	
Date Prepared:	04/04/2007 0800		Date Prepared:	04/04/2007 0800	

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
DRO (nC10-<nC25)	7.9	J	634	639	652	498	F
RRO (nC25-nC36)	28	J	634	639	721	684	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17358

Method: 6010B
Preparation: 3050B

Lab Sample ID: MB 580-17358/19-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1312
Date Prepared: 04/05/2007 1541

Analysis Batch: 580-17404
Prep Batch: 580-17358
Units: mg/Kg

Instrument ID: SEA027
Lab File ID: N/A
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Arsenic	ND		0.13	2.5
Lead	0.18	J	0.12	0.75
Antimony	ND		0.29	2.5
Cadmium	ND		0.026	0.25
Copper	0.23	J	0.11	0.50
Nickel	ND		0.088	0.50
Silver	ND		0.055	0.50
Zinc	0.60	J	0.17	1.5

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17358

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS 580-17358/20-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1340
Date Prepared: 04/05/2007 1541

Analysis Batch: 580-17404
Prep Batch: 580-17358
Units: mg/Kg

Instrument ID: SEA027
Lab File ID: N/A
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1344
Date Prepared: 04/05/2007 1541

Analysis Batch: 580-17404
Prep Batch: 580-17358
Units: mg/Kg

Instrument ID: SEA027
Lab File ID: N/A
Initial Weight/Volume: 1.0 g
Final Weight/Volume: 50 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Arsenic	101	105	80 - 120	4	35		
Lead	104	107	80 - 120	3	35		
Antimony	98	100	80 - 120	2	35		
Cadmium	102	105	80 - 120	3	35		
Copper	111	108	80 - 120	2	35		
Nickel	108	109	80 - 120	1	35		
Silver	102	102	80 - 120	0	35		
Zinc	117	116	80 - 120	0	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17358

Method: 6010B
Preparation: 3050B

LCS Lab Sample ID: LCS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1340
Date Prepared: 04/05/2007 1541

Units: mg/Kg

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1344
Date Prepared: 04/05/2007 1541

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Arsenic	200	200	202	210
Lead	50.0	50.0	52.0	53.5
Antimony	150	150	147	150
Cadmium	5.00	5.00	5.09	5.24
Copper	25.0	25.0	27.7	27.1
Nickel	50.0	50.0	53.9	54.7
Silver	30.0	30.0	30.5	30.5
Zinc	50.0	50.0	58.4	58.2

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17255

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 580-17255/11-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1543
Date Prepared: 04/03/2007 1350

Analysis Batch: 580-17324
Prep Batch: 580-17255
Units: mg/Kg

Instrument ID: SEA029
Lab File ID: N/A
Initial Weight/Volume: 0.5 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	ND		0.0090	0.020

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17255

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS 580-17255/12-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1548
Date Prepared: 04/03/2007 1350

Analysis Batch: 580-17324
Prep Batch: 580-17255
Units: mg/Kg

Instrument ID: SEA029
Lab File ID: N/A
Initial Weight/Volume: 0.5 g
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1553
Date Prepared: 04/03/2007 1350

Analysis Batch: 580-17324
Prep Batch: 580-17255
Units: mg/Kg

Instrument ID: SEA029
Lab File ID: N/A
Initial Weight/Volume: 0.5 g
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Mercury	102	101	75 - 125	0	25		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17255

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID:	LCS	Units: mg/Kg		LCSD Lab Sample ID:	LCSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	04/03/2007 1548			Date Analyzed:	04/03/2007 1553
Date Prepared:	04/03/2007 1350			Date Prepared:	04/03/2007 1350

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Mercury	0.200	0.200	0.203	0.202

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: PND Engineers, Inc. Job Number: 580-5404-1

Method Blank - Batch: 580-17136

Method: 160.4
Preparation: N/A

Lab Sample ID: MB 580-17136/9
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/29/2007 1809
Date Prepared: N/A

Analysis Batch: 580-17136
Prep Batch: N/A
Units: %

Instrument ID: No Equipment Assigned
Lab File ID: N/A
Initial Weight/Volume:
Final Weight/Volume:

Analyte	Result	Qual	RL	RL
Total Volatile Solids	ND		0.010	0.010

Calculations are performed before rounding to avoid round-off errors in calculated results.

DATA REPORTING QUALIFIERS

Client: PND Engineers, Inc. Job Number: 580-5404-1

Lab Section	Qualifier	Description
GC/MS VOA		
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
GC VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
GC Semi VOA		
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	F	RPD of the MS and MSD exceeds the control limits
Metals		
	B	Compound was found in the blank and sample.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Chain of Custody Record

STL Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.stl-inc.com

3404 5.9c

SEVERN TRENT STL®

Client: PND Engineers	Project Manager: Jennifer Lundberg	Date: 3/23/07	Chain of Custody Number: 22920
Address: 1506 W 36th Ave	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 4
City: Anchorage / State: AK / Zip Code: 99503	Site Contact	Lab Contact: Katie	
Project Name and Location (State): Old Douglas Harbor (ODH) AK	Carrier/Waybill Number		
Contract/Purchase Order/Quote No.			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Metha	Analysis: GRO/BTEX	8260B	TVS	827D C	PSDA Metals	Mercury	DRO/RRO	Pesticides	PCBs	Dry wt	Special Instructions/ Conditions of Receipt
1 Trip Blank	N/A				X								X	X	X									#15744
2 PND07-9	3/23/07	0937											X	X	X									Re-do from yesterday
PND07-15A		0945											X	X	X									
3		0945					X																X	
		0947					X									X	X	X	X	X	X	X		
PND07-15C		0953											X	X	X									
4		0953					X																X	
		0955					X									X	X	X	X	X	X	X		
PND07-16A		1004											X	X	X									
5		1004					X																X	
		1011					X									X	X	X	X	X	X	X		
6 PND07-16C		1014			↓								X	X	X									

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Cooler: ☐ Yes ☐ No Cooler Temp:_____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other ~~see below~~ Hold

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	3/23/07	1416	1. Received By	3/26/07	1600
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

STL8274-580 (12/02)

Chain of Custody Record

STL Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.stl-inc.com

5404

SEVERN TRENT STL®

Client	Project Manager	Date	Chain of Custody Number
PND Engineers	Jennifer Lundberg	3/23/07	22921
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 2 of 4**
1506 W 36th Ave	907 561-1011		
City	**State / Zip Code**	**Site Contact**	**Lab Contact**
Anchorage	AK 99503		Katie
Project Name and Location (State)	**Carrier/Waybill Number**		
Old Douglas Harbor (OHH) AK			
Contract/Purchase Order/Quote No.			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Meoh	Analysis: GRO/BTEX	8260B	TVS	8270C	PSSDA Metals	Mercury	DRO/RRO	Pesticides	PCBs	Diesel Cut	Special Instructions/ Conditions of Receipt
6 PND07-16C	3/23/07	1014			X		X							X	X								X	
		1017					X									X	X	X	X	X	X	X		
7 PND07-14A		1025											X	X	X									
		1025					X																X	
		1029														X	X	X	X	X	X	X		
PND07-14C		1031											X	X	X									
8		1031 ~~1034~~					X																X	
		1035					X									X	X	X	X	X	X	X		
9 PND07-12A		1044											X	X	X									
		1044					X																X	
		1047					X									X	X	X	X	X	X	X		
10 PND07-12C	↓	1050			↓								X	X	X									

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Cooler: ☐ Yes ☐ No Cooler Temp:_____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other Hold

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By	3/23/07	1416	1. Received By		
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

Chain of Custody Record

STL Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.stl-inc.com

5404

SEVERN TRENT STL®

Client: PND Engineers	Project Manager: Jennifer Lundby	Date: 3/23/07	Chain of Custody Number: 22922
Address: 1506 W 36th Ave	Telephone Number (Area Code)/Fax Number: 907-561-1011	Lab Number:	Page 3 of 4
City: Anchorage / State: AK / Zip Code: 99503	Site Contact:	Lab Contact: Katie	
Project Name and Location (State): Old Douglas Harbor (ODH) AK	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Meth	Analysis: 8260B	TVS	8270C	PSDA Metals	Mercury	DRO/ORO	Pesticides	PCBs	Dry Wt	GRO/BTEX		Special Instructions/ Conditions of Receipt
10 PND07-12C	3/23/07	1050			X		X															X			
↓		1052					X								X	X	X	X	X	X	X				
PND07-13A		1057											X	X	X								X		
11 ↓		1057					X															X			
Page 97 of 931		1059					X								X	X	X	X	X	X	X				
PND07-13C		1104											X	X	X								X		
12 ↓		1104					X															X			
↓		1105					X								X	X	X	X	X	X	X				
13 New Surface Dredge Comp		1108					X								X	X	X	X	X	X	X				☆☆
14 Harbor Dredge Comp		1100					X								X	X	X	X	X	X	X				☆☆
15 PND07-4A		1127											X	X									X		
↓		1127			X		X																X		

Cooler: ☐ Yes ☐ No Cooler Temp:_____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other 5 below

QC Requirements (Specify)

1. Relinquished By:	Date: 3/23/07	Time: 1416	1. Received By:	Date: 3/24/07	Time: 1000
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments: ☆☆ Rush TVS

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

STL8274-580 (12/02)

Chain of Custody Record

STL Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.stl-inc.com

5404

SEVERN TRENT STL®

Field	Value
Client	PND Engineers
Address	1506 W 36th Ave
City	Anchorage
State	AK
Zip Code	99502
Project Name and Location (State)	Old Douglas Harbor (ODH) AK
Contract/Purchase Order/Quote No.	
Project Manager	Jennifer Lundberg
Telephone Number (Area Code)/Fax Number	907-561-1011
Site Contact	
Lab Contact	Katie
Carrier/Waybill Number	
Date	3/23/07
Lab Number	
Chain of Custody Number	22923
Page	4 of 4

Special Instructions/ Conditions of Receipt

	Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Meth	Analysis: GRO/BTEX	8260B	TVS	8270C	PSSDA Metals	Mercury	DRO/RRO	Pesticides	PCBs	Dry Wt.		
15	PNDØ7-4A	3/23/07	1130			x												x	x	x	x	x	x	x			
16	PNDØ7-4C	↓	1135			↓									x	x	x										
	↓		1135						x																x		
			1137						x									x	x	x	x	x	x	x			
17	PNDØ7-3A		1143												x	x	x										
	↓		1143						x																x		
			1146						x									x	x	x	x	x	x	x			
18	PNDØ7-3C		1150												x	x	x										
	↓		1150						x																x		
		↓	1153			↓			x									x	x	x	x	x	x	x			

Cooler: ☐ Yes ☐ No Cooler Temp: ______

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☒ Other Hold for direction

QC Requirements (Specify)

	By	Date	Time	Received By	Date	Time
1. Relinquished By	J Lundberg	3/23/07	1416	1. Received By: Gio	3/26/07	1000
2. Relinquished By				2. Received By		
3. Relinquished By				3. Received By		

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

STL8274-580 (12/02)

LOGIN SAMPLE RECEIPT CHECK LIST

Client: PND Engineers, Inc. Job Number: 580-5404-1

Login Number: 5404

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

DATA DELIVERABLES PACKAGE

VOLATILE ORGANICS DATA PACKAGE

SAMPLE DATA

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006111.D
Acq On : 4 Apr 2007 11:59 pm
Operator : frz
Sample : 580-5404-A-1-B
Misc : BT=Sea041040407b
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 05 12:11:17 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1527414	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1748592	100.56	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	951825	117.34	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	117.34%		
4) Toluene-d8 (Surr)	7.593	98	1807950	104.71	ug/L	0.01
Spiked Amount 100.000			Recovery =	104.71%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2233385	103.36	ug/L	-0.01
Spiked Amount 100.000			Recovery =	103.36%		
6) 4-Bromofluorobenzene (...	9.985	174	567519	111.29	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	111.29%		

Target Compounds	Qvalue

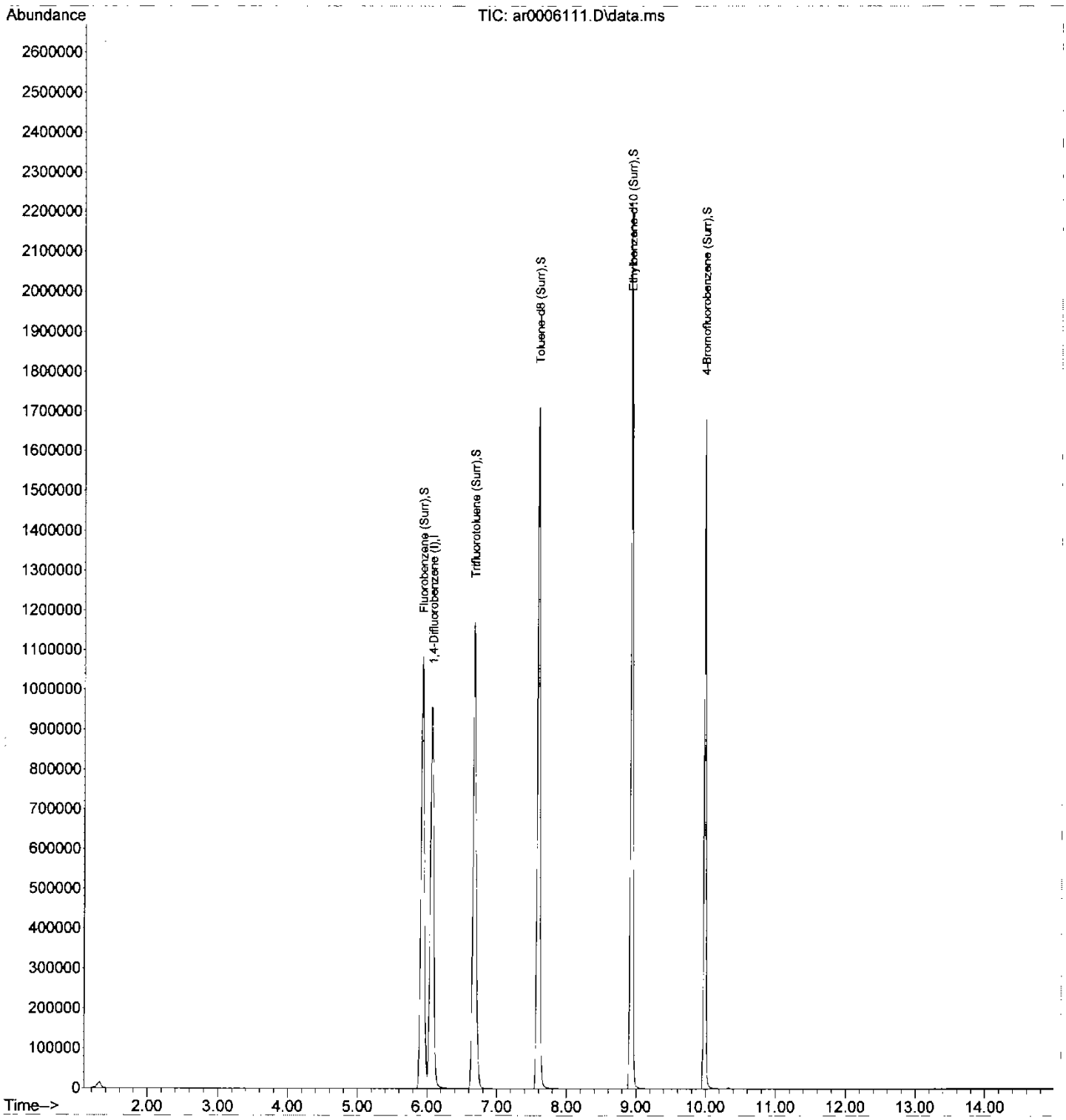
(#) = qualifier out of range (m) = manual integration (+) = signals summed

004423

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006111.D
Acq On : 4 Apr 2007 11:59 pm
Operator : frz
Sample : 580-5404-A-1-B
Misc : BT=Sea041040407b
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 05 12:11:17 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



004424

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006120.D
Acq On : 5 Apr 2007 3:20 am
Operator : frz
Sample : 580-5404-A-2-B
Misc : BT=Sea041040407b
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Apr 05 12:11:26 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

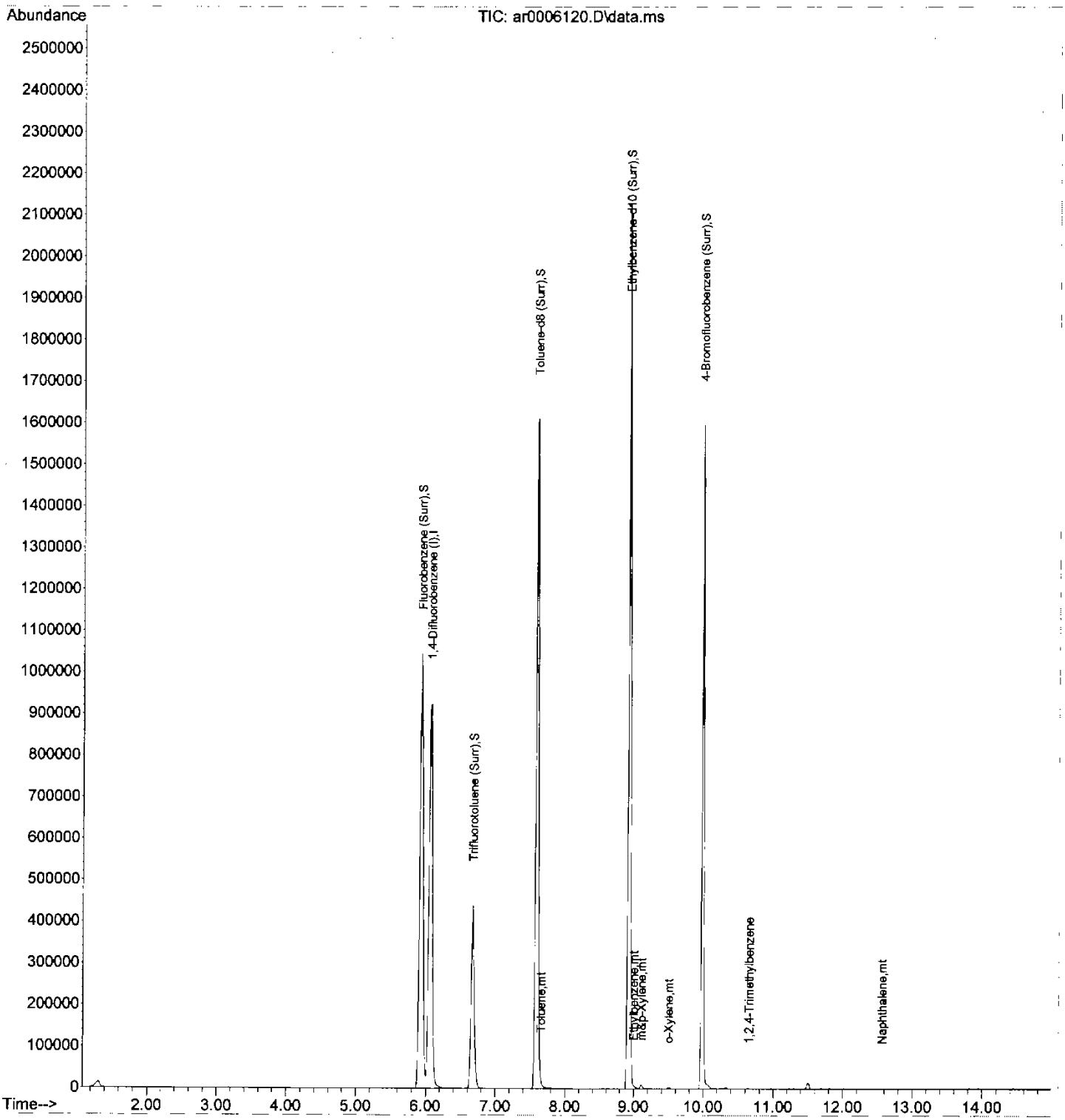
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1453889	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1676040	101.26	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	353430	45.77	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	45.77%#		
4) Toluene-d8 (Surr)	7.593	98	1717446	104.50	ug/L	0.01
Spiked Amount 100.000			Recovery =	104.50%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2127876	103.45	ug/L	-0.01
Spiked Amount 100.000			Recovery =	103.45%		
6) 4-Bromofluorobenzene (...	9.986	174	534179	110.05	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	110.05%		
Target Compounds						Qvalue
12) Toluene	7.649	92	3476	0.32	ug/L #	92
14) Ethylbenzene	8.992	91	2962	0.14	ug/L #	82
15) m&p-Xylene	9.104	106	3969	0.51	ug/L	93
16) o-Xylene	9.496	91	2041	0.13	ug/L	98
20) 1,2,4-Trimethylbenzene	10.643	105	2179	0.15	ug/L #	84
21) Naphthalene	12.560	128	1387	0.29	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

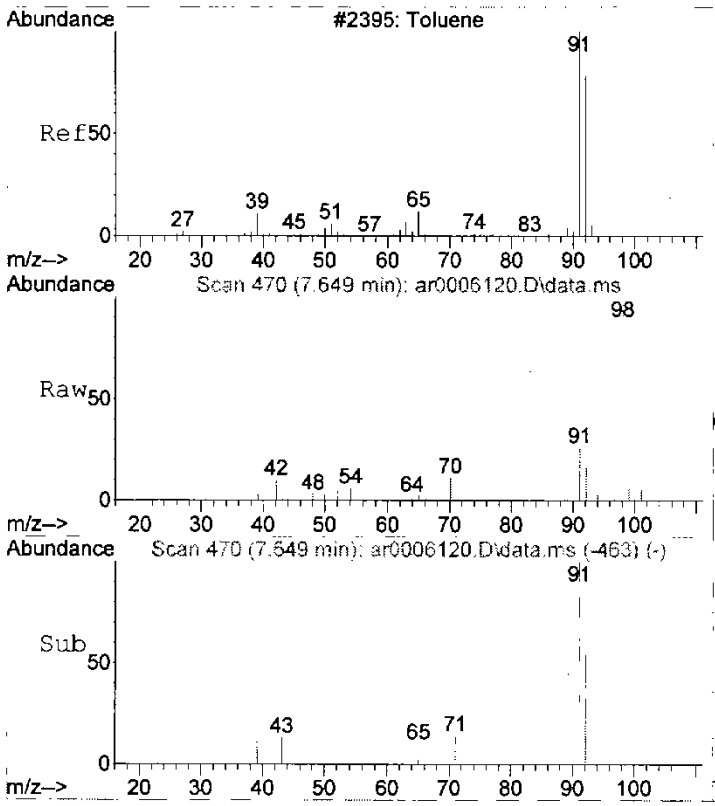
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006120.D
Acq On : 5 Apr 2007 3:20 am
Operator : frz
Sample : 580-5404-A-2-B
Misc : BT=Sea041040407b
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Apr 05 12:11:26 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



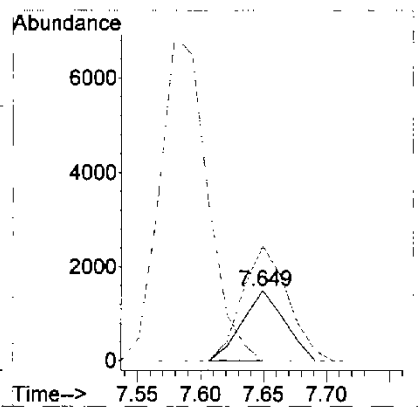
004426

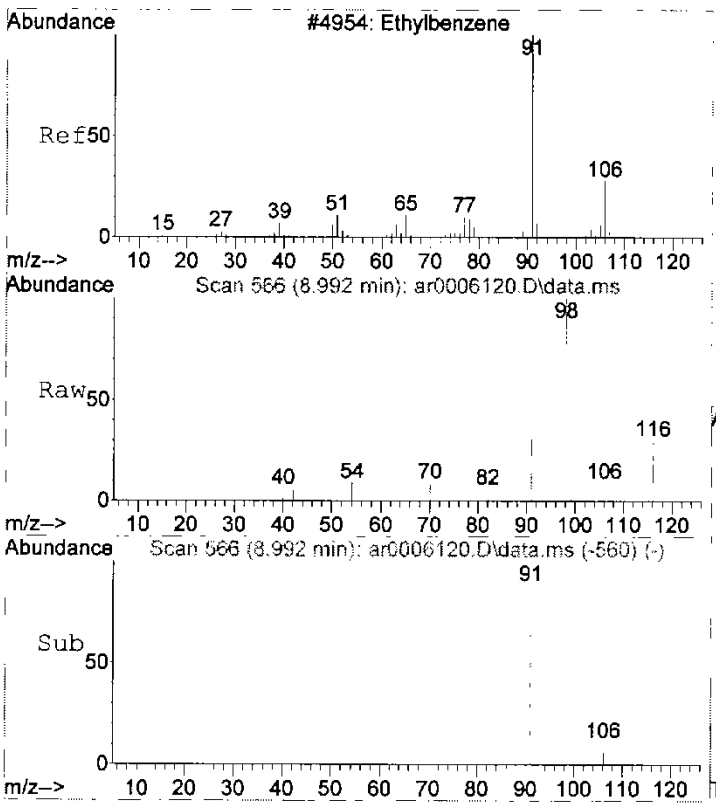


#12
Toluene
Concen: 0.32 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006120.D
Acq: 5 Apr 2007 3:20 am

Tgt Ion: 92 Resp: 3476

Ion	Ratio	Lower	Upper
92	100		
91	176.5	136.1	196.1
62	0.0	0.0	35.3

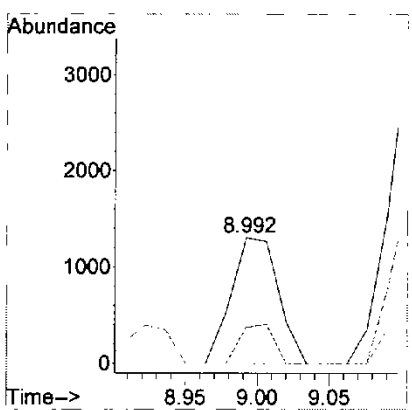


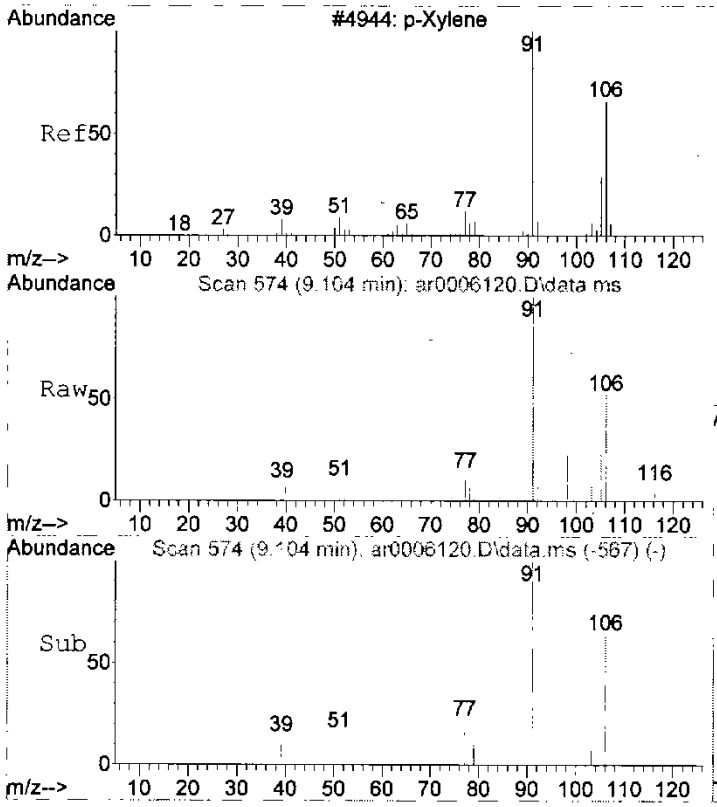


#14
Ethylbenzene
Concen: 0.14 ug/L
RT: 8.992 min Scan# 566
Delta R.T. -0.014 min
Lab File: ar0006120.D
Acq: 5 Apr 2007 3:20 am

Tgt Ion: 91 Resp: 2962

Ion	Ratio	Lower	Upper
91	100		
106	22.3	23.0	42.6#
105	0.0	3.5	6.5#

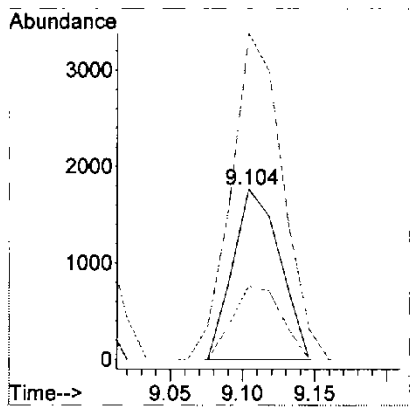


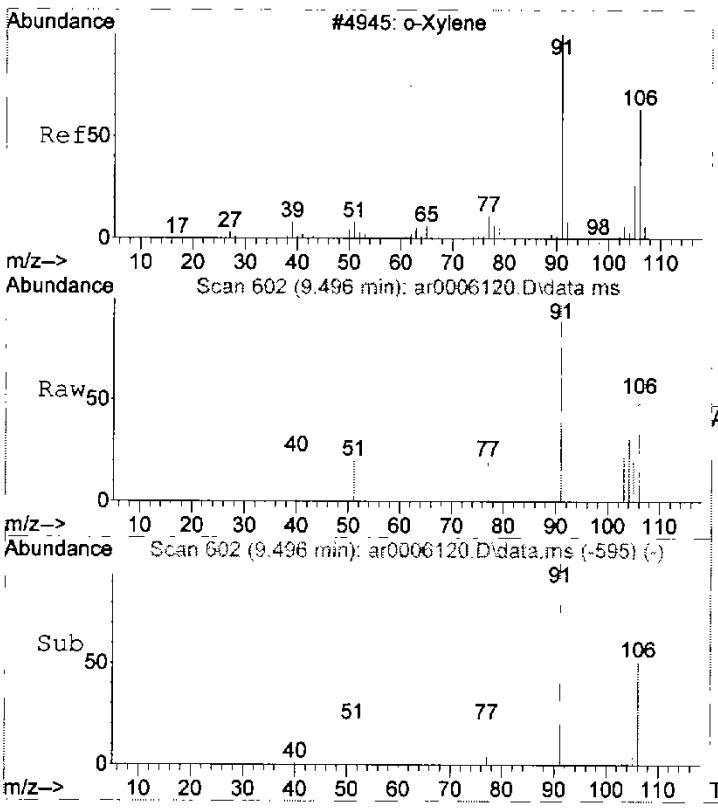


#15
m&p-Xylene
Concen: 0.51 ug/L
RT: 9.104 min Scan# 574
Delta R.T. 0.000 min
Lab File: ar0006120.D
Acq: 5 Apr 2007 3:20 am

Tgt Ion:106 Resp: 3969

Ion	Ratio	Lower	Upper
106	100		
91	210.1	139.3	258.7
105	45.3	30.4	56.4

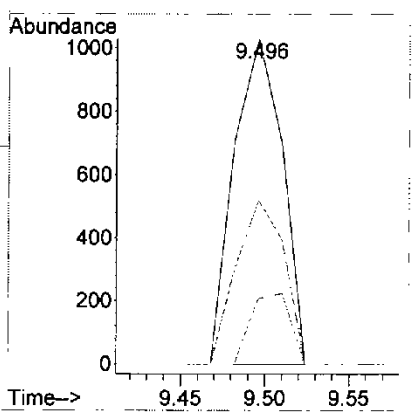


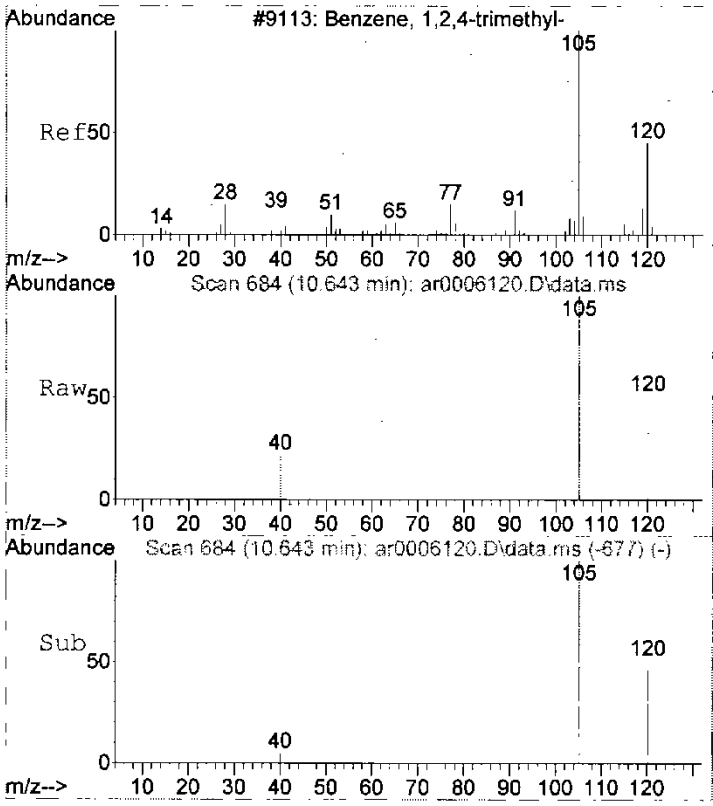


#16
o-Xylene
Concen: 0.13 ug/L
RT: 9.496 min Scan# 602
Delta R.T. 0.000 min
Lab File: ar0006120.D
Acq: 5 Apr 2007 3:20 am

Tgt Ion: 91 Resp: 2041

Ion	Ratio	Lower	Upper
91	100		
106	49.8	34.0	63.2
105	17.7	12.9	23.9

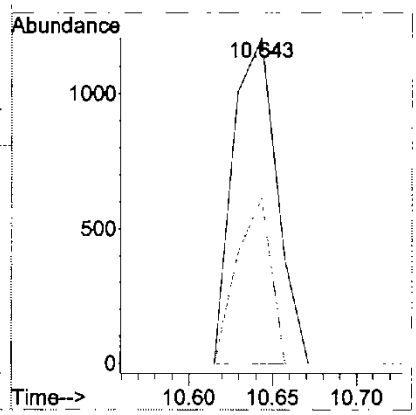


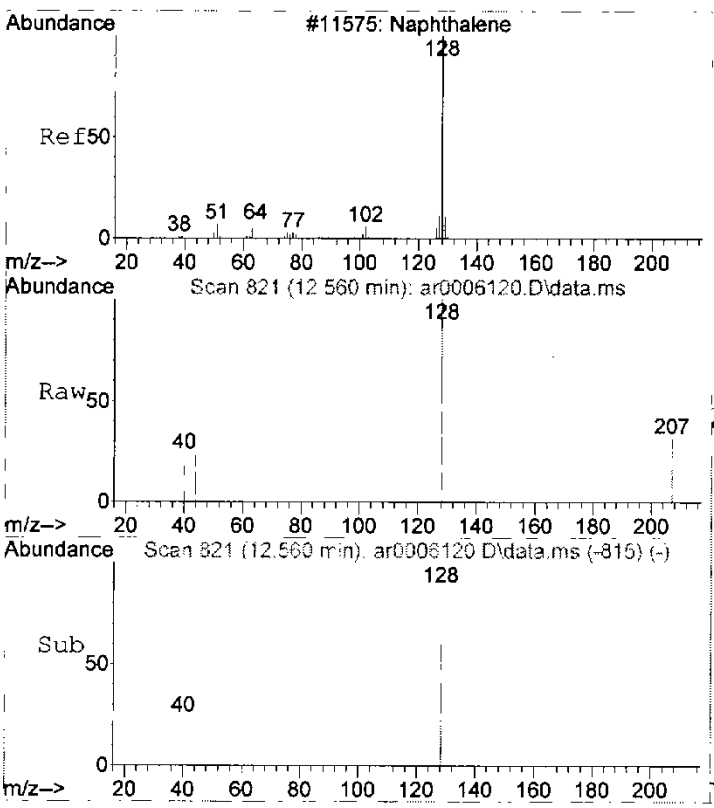


#20
1,2,4-Trimethylbenzene
Concen: 0.15 ug/L
RT: 10.643 min Scan# 684
Delta R.T. 0.000 min
Lab File: ar0006120.D
Acq: 5 Apr 2007 3:20 am

Tgt Ion:105 Resp: 2179

Ion	Ratio	Lower	Upper
105	100		
119	0.0	9.5	14.3#
120	39.5	38.6	57.8

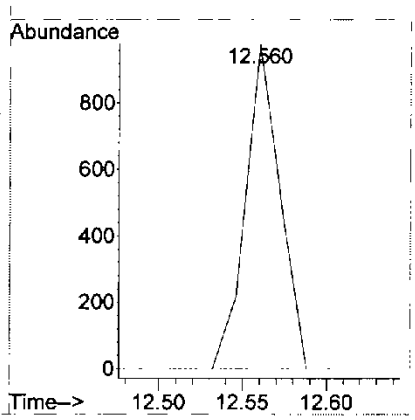




#21
Naphthalene
Concen: 0.29 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006120.D
Acq: 5 Apr 2007 3:20 am

Tgt Ion:128 Resp: 1387

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006112.D
Acq On : 5 Apr 2007 12:21 am
Operator : frz
Sample : 580-5404-A-3-A
Misc : BT=Sea041040407b
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 05 12:11:18 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1376106	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1588268	101.38	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	424941	58.15	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	58.15%#		
4) Toluene-d8 (Surr)	7.579	98	1608269	103.39	ug/L	0.00
Spiked Amount 100.000			Recovery =	103.39%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2052005	105.40	ug/L	-0.01
Spiked Amount 100.000			Recovery =	105.40%		
6) 4-Bromofluorobenzene (...	9.986	174	509179	110.82	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	110.82%		
Target Compounds						Qvalue
21) Naphthalene	12.560	128	718	0.24	ug/L	# 73

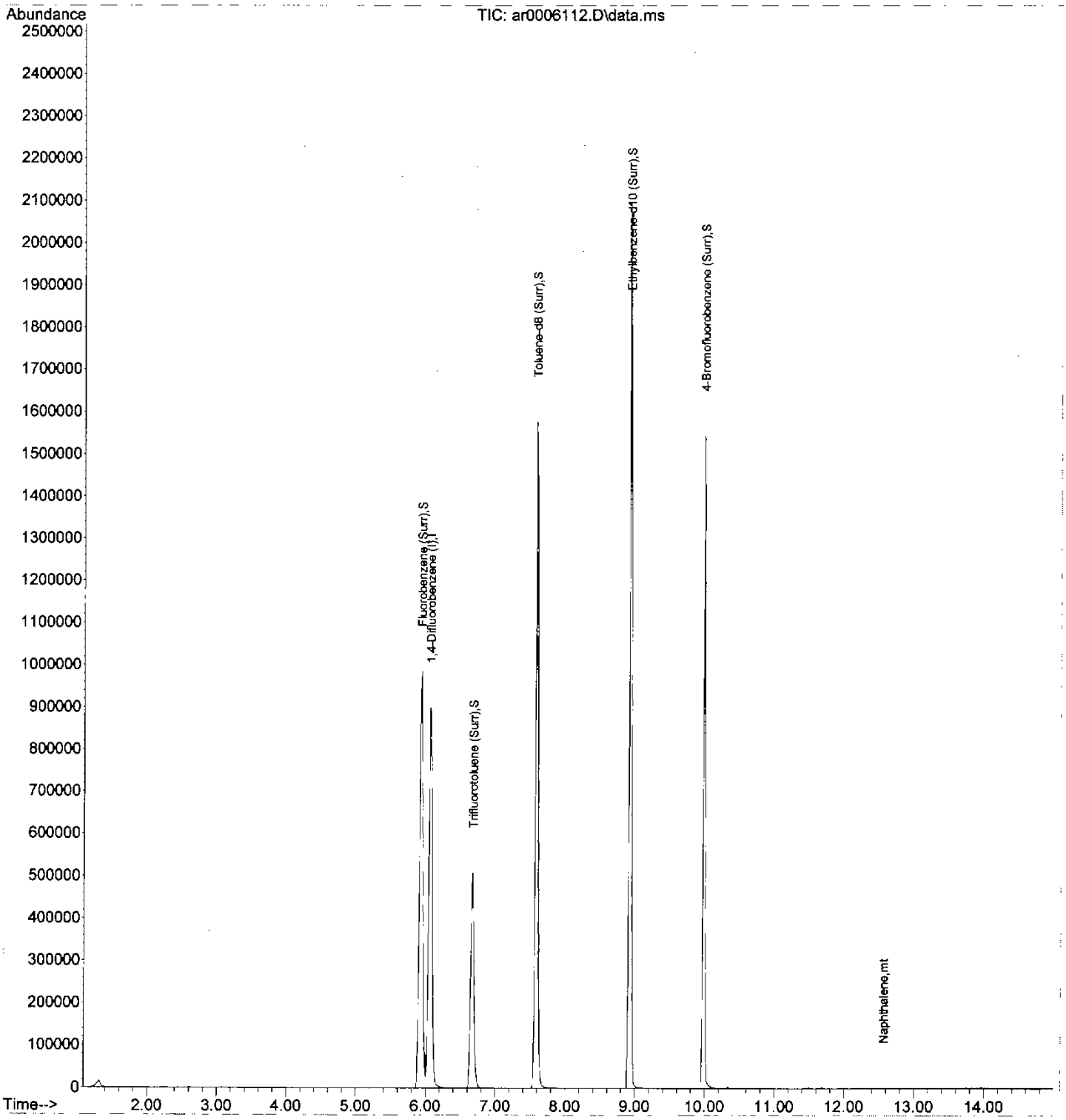
(#) = qualifier out of range (m) = manual integration (+) = signals summed

004430

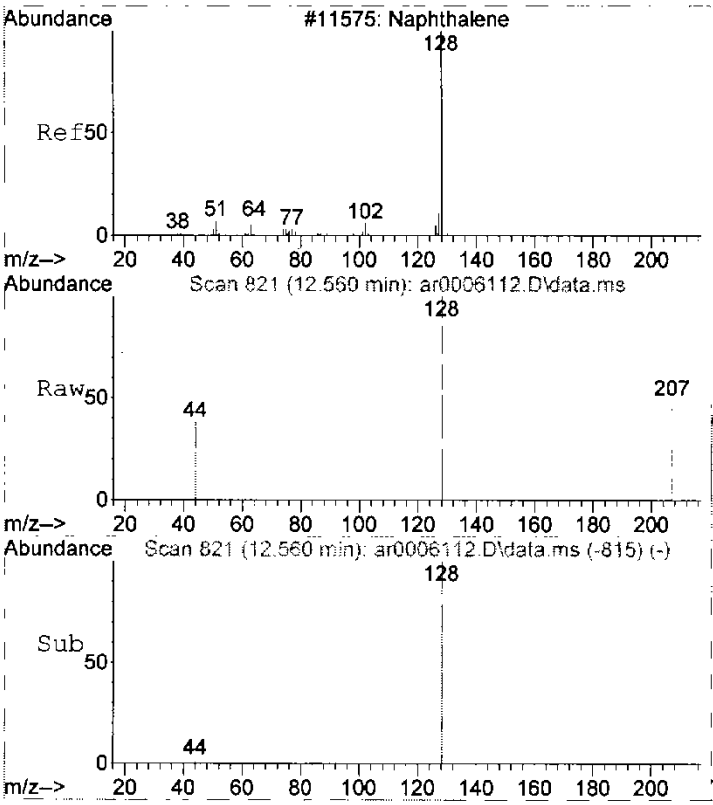
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006112.D
Acq On : 5 Apr 2007 12:21 am
Operator : frz
Sample : 580-5404-A-3-A
Misc : BT=Sea041040407b
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Apr 05 12:11:18 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



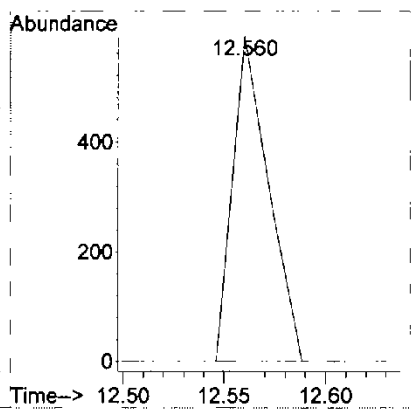
004431



#21
Naphthalene
Concen: 0.24 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006112.D
Acq: 5 Apr 2007 12:21 am

Tgt Ion:128 Resp: 718

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006113.D
Acq On : 5 Apr 2007 12:43 am
Operator : frz
Sample : 580-5404-A-4-A
Misc : BT=Sea041040407b
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 05 12:11:19 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

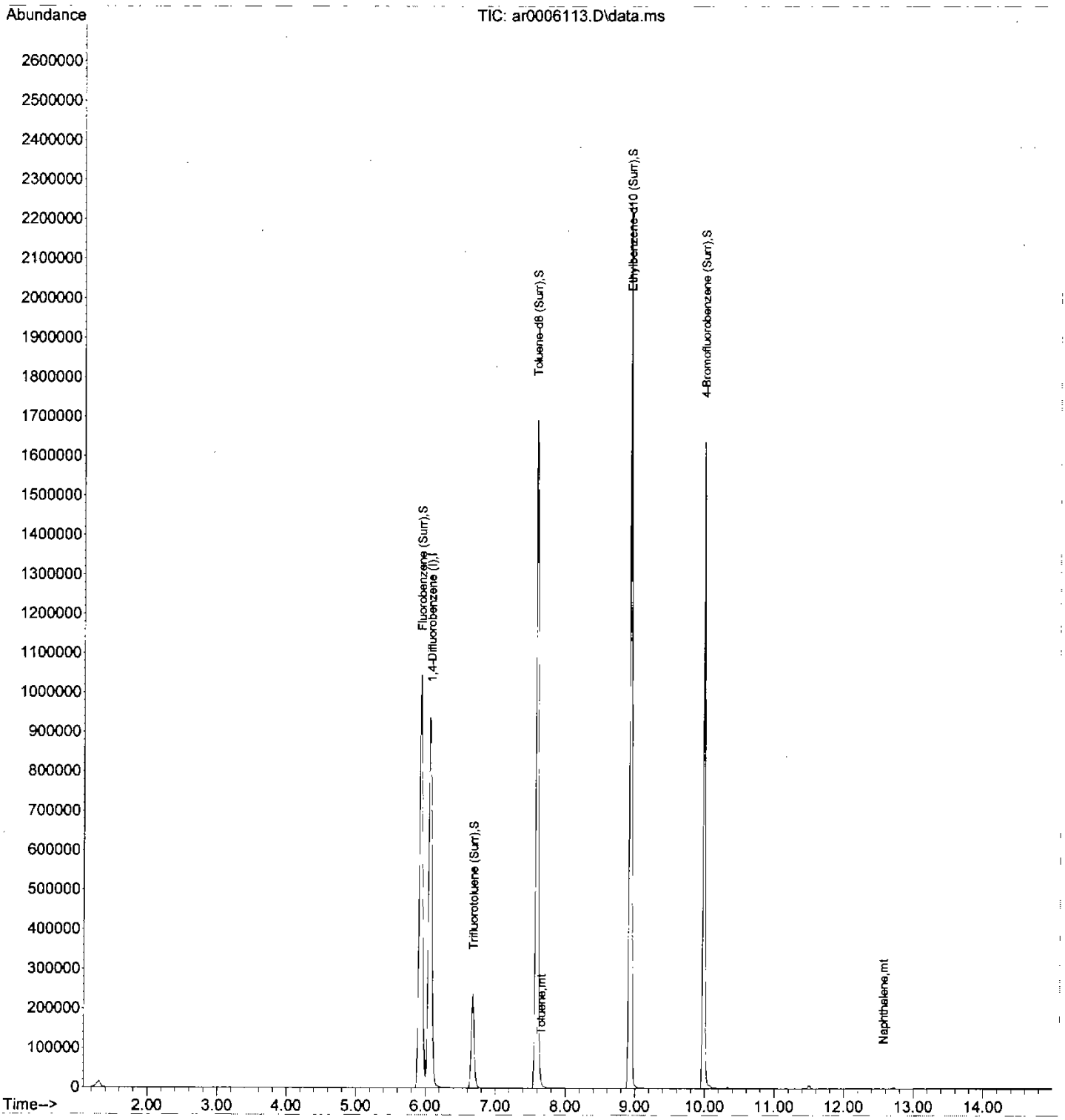
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1465817	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1680268	100.69	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	186771	23.99	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 23.99%#			
4) Toluene-d8 (Surr)	7.579	98	1756548	106.01	ug/L	0.00
Spiked Amount 100.000			Recovery = 106.01%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2181277	105.19	ug/L	-0.01
Spiked Amount 100.000			Recovery = 105.19%			
6) 4-Bromofluorobenzene (...	9.986	174	546248	111.62	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 111.62%			
Target Compounds						Qvalue
12) Toluene	7.649	92	2031	0.19	ug/L #	98
21) Naphthalene	12.560	128	581	0.23	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

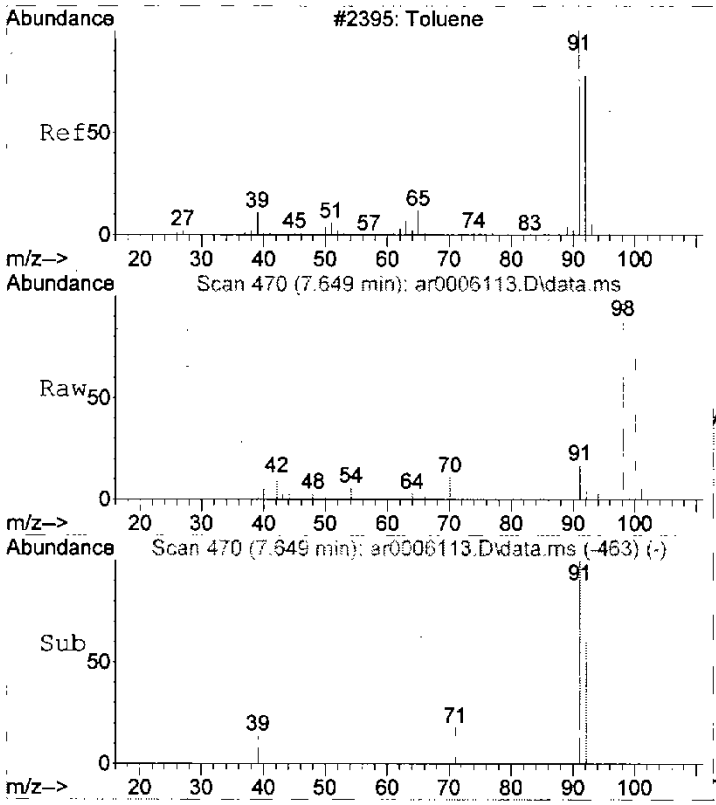
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006113.D
Acq On : 5 Apr 2007 12:43 am
Operator : frz
Sample : 580-5404-A-4-A
Misc : BT=Sea041040407b
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 05 12:11:19 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



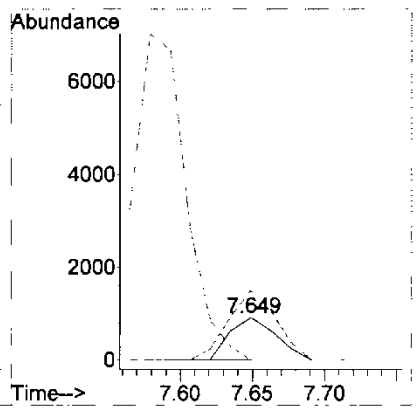
004434

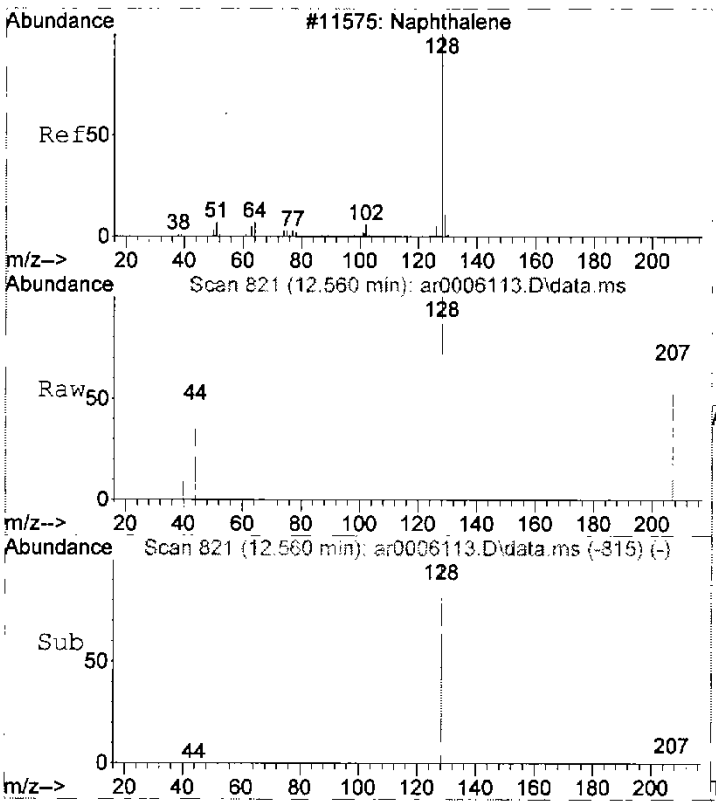


#12
Toluene
Concen: 0.19 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006113.D
Acq: 5 Apr 2007 12:43 am

Tgt Ion: 92 Resp: 2031

Ion	Ratio	Lower	Upper
92	100		
91	168.8	136.1	196.1
62	0.0	0.0	35.3

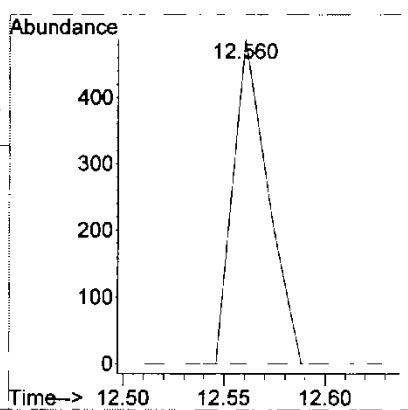




#21
Naphthalene
Concen: 0.23 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006113.D
Acq: 5 Apr 2007 12:43 am

Tgt Ion:128 Resp: 581

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006114.D
Acq On : 5 Apr 2007 1:06 am
Operator : frz
Sample : 580-5404-C-5-B
Misc : BT=Sea041040407b
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 05 12:11:20 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

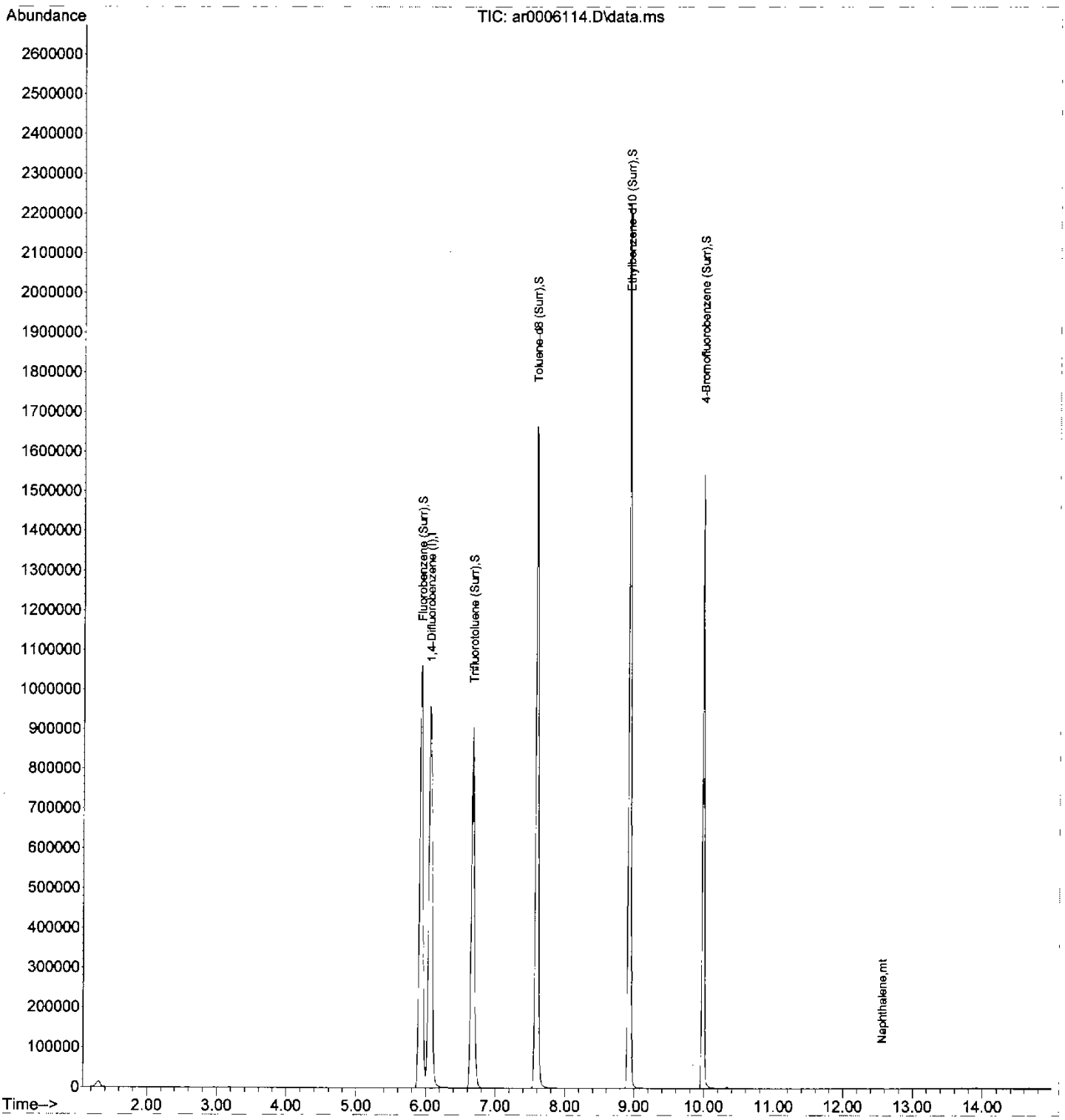
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1501361	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1714843	100.33	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	726962	91.17	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 91.17%			
4) Toluene-d8 (Surr)	7.579	98	1765523	104.03	ug/L	0.00
Spiked Amount 100.000			Recovery = 104.03%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2183740	102.81	ug/L	-0.01
Spiked Amount 100.000			Recovery = 102.81%			
6) 4-Bromofluorobenzene (...	9.986	174	553040	110.33	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.33%			
Target Compounds						Qvalue
21) Naphthalene	12.560	128	257	0.20	ug/L	# 73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

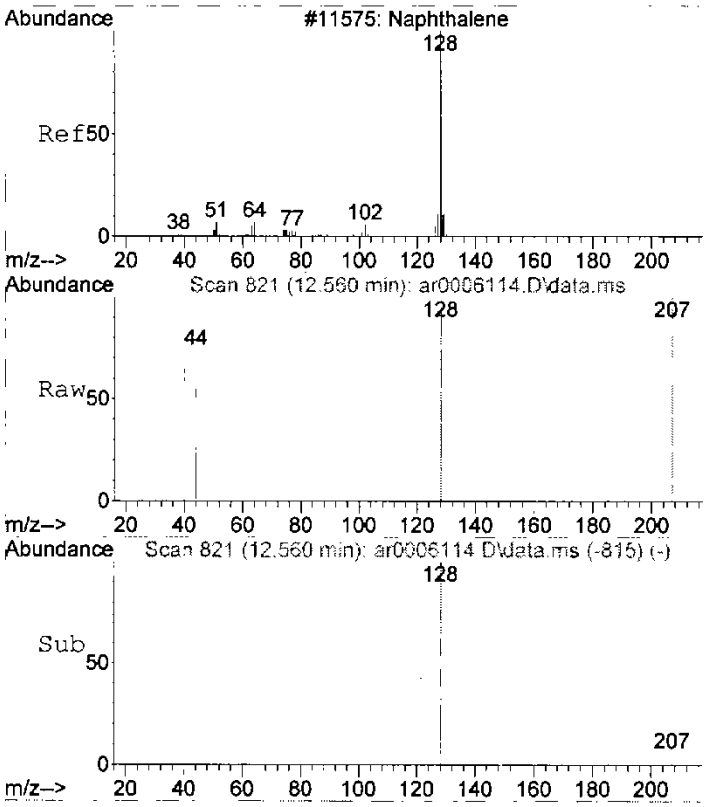
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006114.D
Acq On : 5 Apr 2007 1:06 am
Operator : frz
Sample : 580-5404-C-5-B
Misc : BT=Sea041040407b
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 05 12:11:20 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



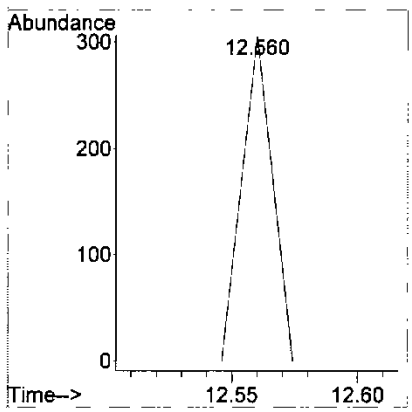
004437



#21
Naphthalene
Concen: 0.20 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006114.D
Acq: 5 Apr 2007 1:06 am

Tgt Ion:128 Resp: 257

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006115.D
Acq On : 5 Apr 2007 1:28 am
Operator : frz
Sample : 580-5404-A-6-A
Misc : BT=Sea041040407b
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Apr 05 12:11:21 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

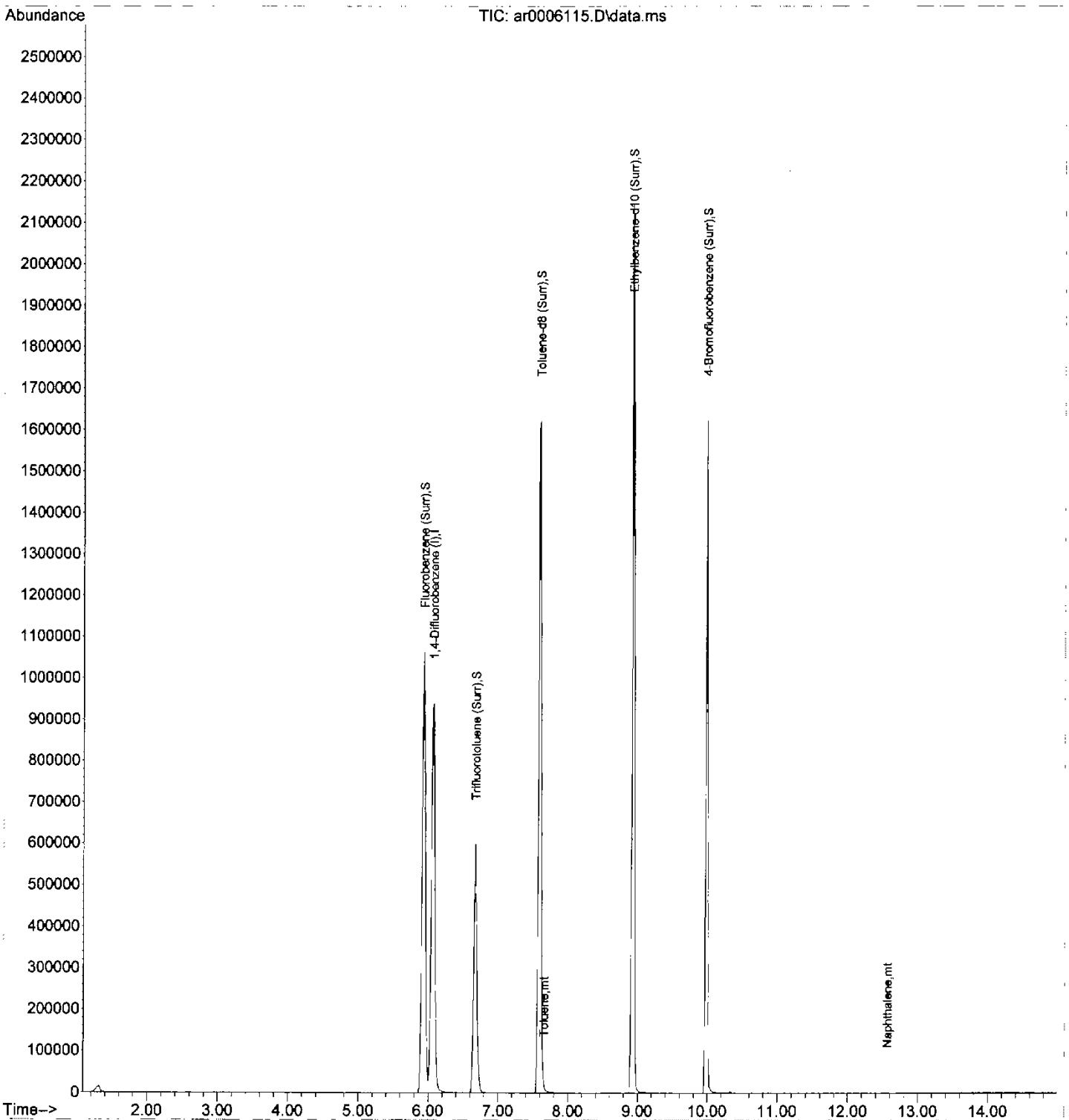
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1485284	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1704977	100.83	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	482752	61.20	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 61.20%#			
4) Toluene-d8 (Surr)	7.593	98	1747297	104.07	ug/L	0.01
Spiked Amount 100.000			Recovery = 104.07%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2180480	103.77	ug/L	-0.01
Spiked Amount 100.000			Recovery = 103.77%			
6) 4-Bromofluorobenzene (...	9.985	174	549557	110.82	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.82%			
Target Compounds						Qvalue
12) Toluene	7.649	92	1251	0.11	ug/L #	68
21) Naphthalene	12.560	128	596	0.23	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

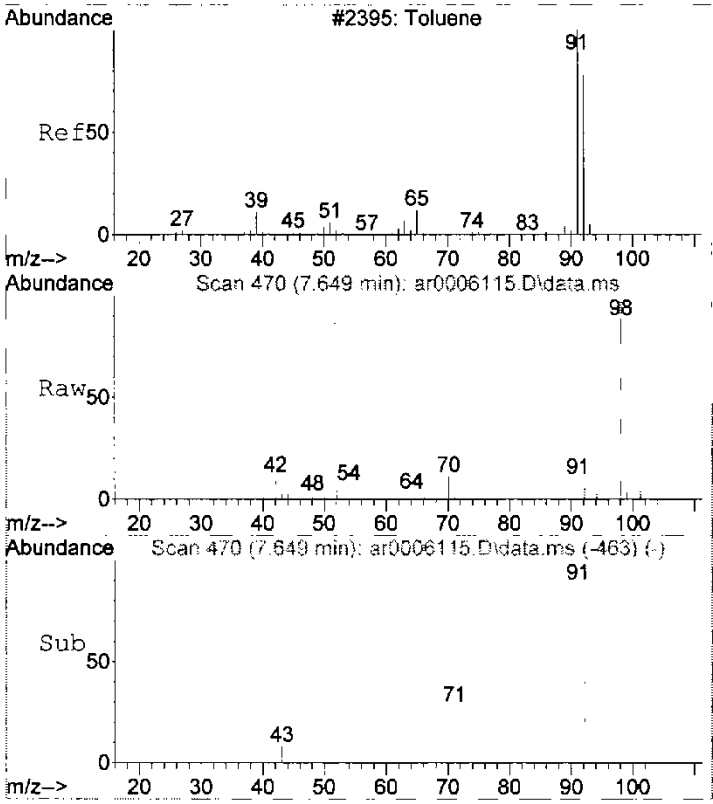
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006115.D
Acq On : 5 Apr 2007 1:28 am
Operator : frz
Sample : 580-5404-A-6-A
Misc : BT=Sea041040407b
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Apr 05 12:11:21 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



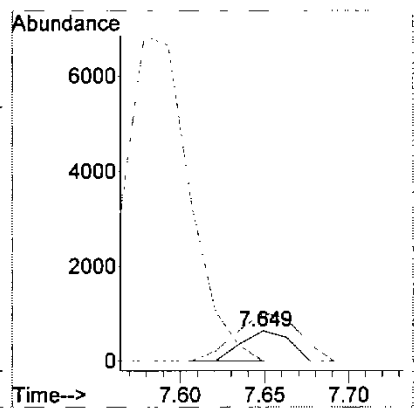
004440

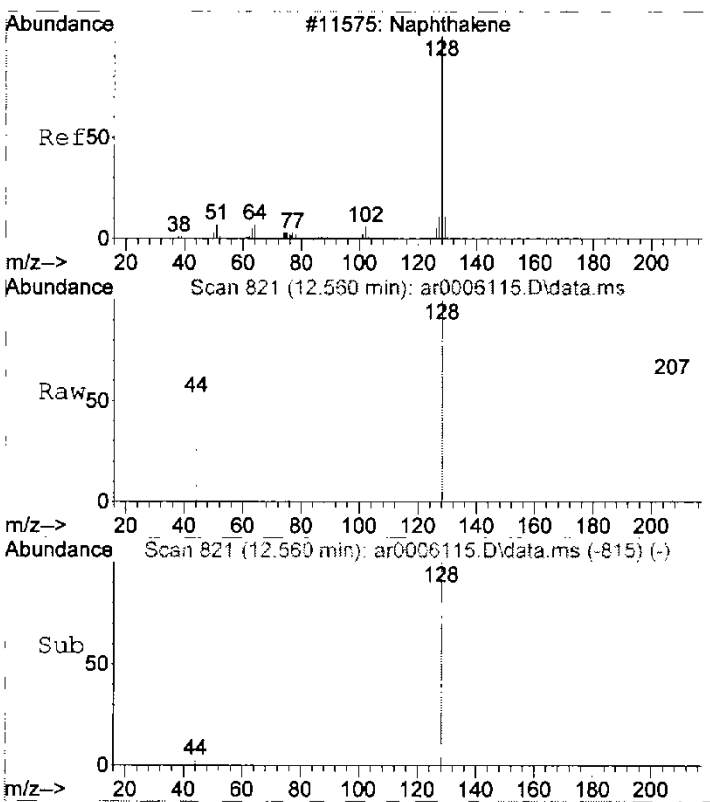


#12
Toluene
Concen: 0.11 ug/L
RT: 7.649 min Scan# 470
Delta R.T. -0.000 min
Lab File: ar0006115.D
Acq: 5 Apr 2007 1:28 am

Tgt Ion: 92 Resp: 1251

Ion	Ratio	Lower	Upper
92	100		
91	209.4	136.1	196.1#
62	0.0	0.0	35.3

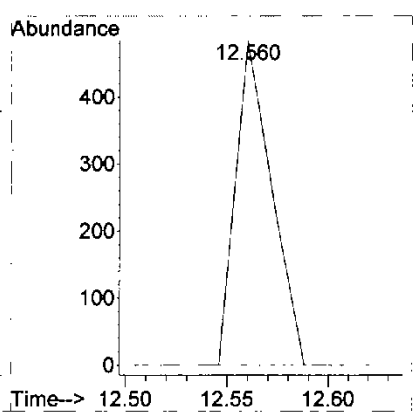




#21
Naphthalene
Concen: 0.23 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006115.D
Acq: 5 Apr 2007 1:28 am

Tgt Ion:128 Resp: 596

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006116.D
Acq On : 5 Apr 2007 1:51 am
Operator : frz
Sample : 580-5404-A-7-A
Misc : BT=Sea041040407b
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 05 12:11:22 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

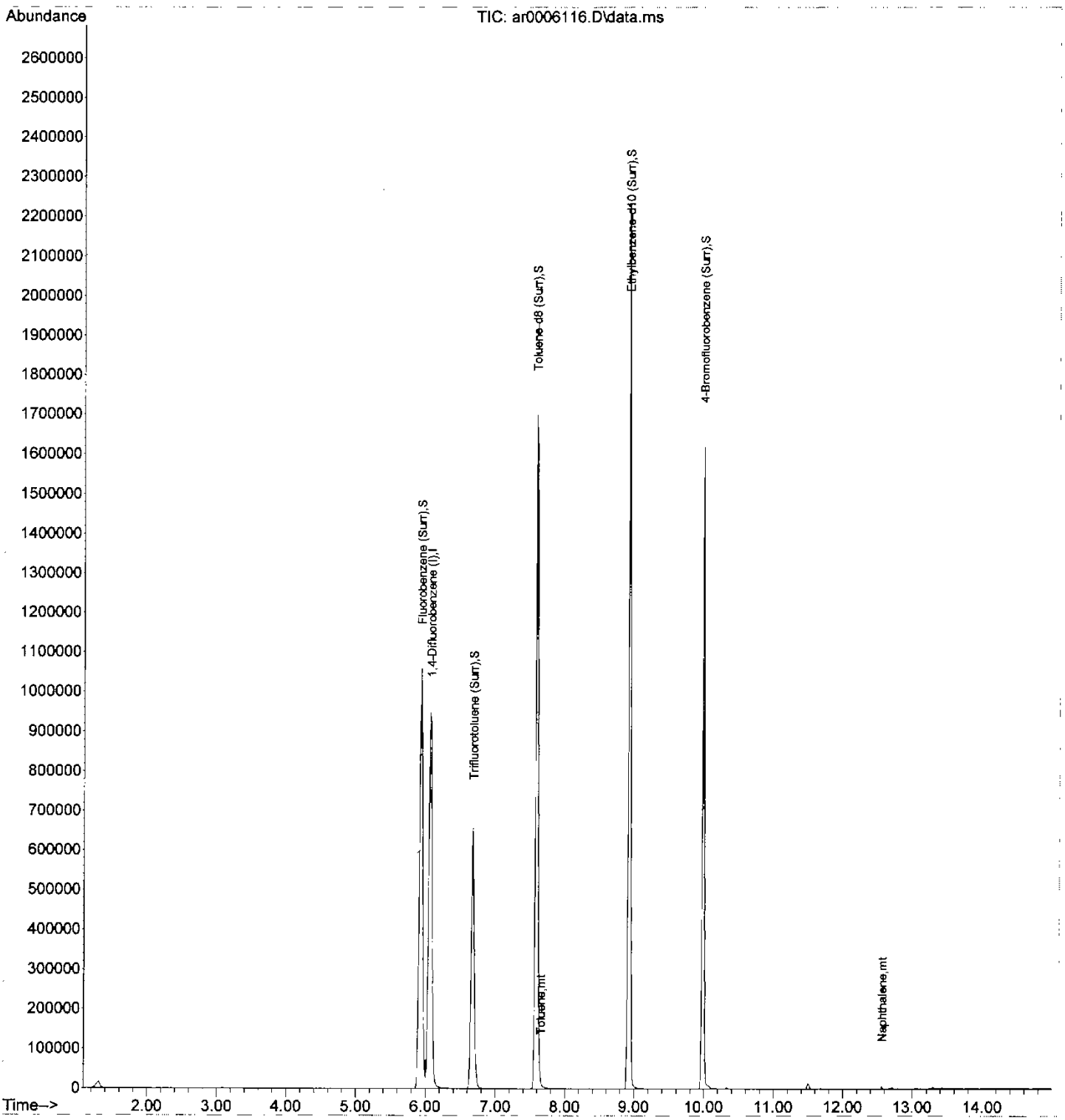
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1479229	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1696271	100.73	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	522322	66.49	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 66.49%#			
4) Toluene-d8 (Surr)	7.579	98	1757440	105.10	ug/L	0.00
Spiked Amount 100.000			Recovery = 105.10%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2170252	103.71	ug/L	-0.01
Spiked Amount 100.000			Recovery = 103.71%			
6) 4-Bromofluorobenzene (...	9.986	174	548168	110.99	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.99%			
Target Compounds						Qvalue
12) Toluene	7.649	92	1183	0.11	ug/L #	68
21) Naphthalene	12.560	128	5990	0.61	ug/L #	95

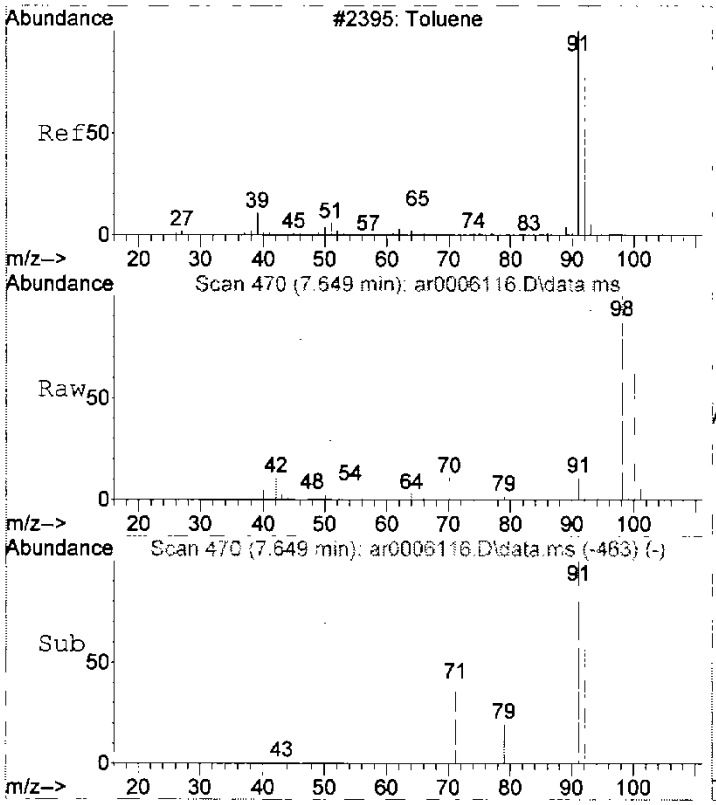
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006116.D
Acq On : 5 Apr 2007 1:51 am
Operator : frz
Sample : 580-5404-A-7-A
Misc : BT=Sea041040407b
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 05 12:11:22 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

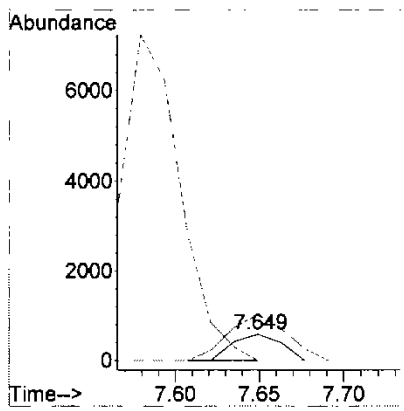


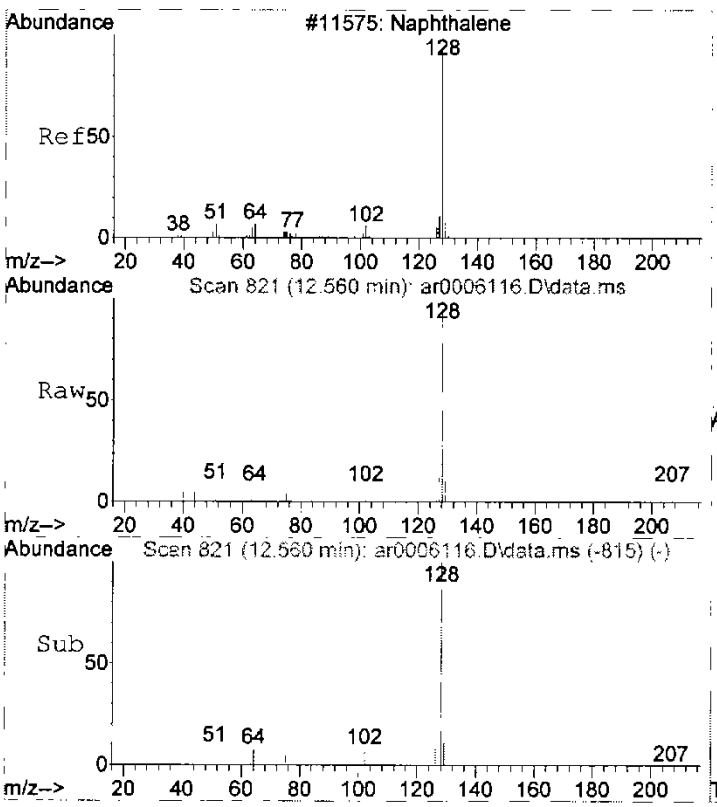


#12
Toluene
Concen: 0.11 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006116.D
Acq: 5 Apr 2007 1:51 am

Tgt Ion: 92 Resp: 1183

Ion	Ratio	Lower	Upper
92	100		
91	210.0	136.1	196.1#
62	0.0	0.0	35.3

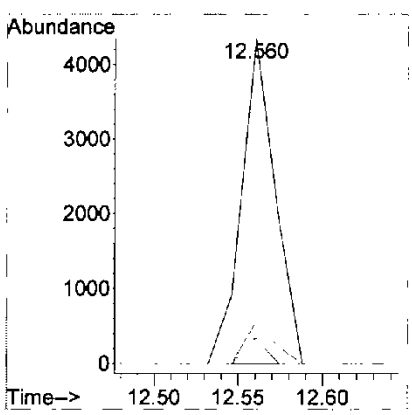




#21
Naphthalene
Concen: 0.61 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006116.D
Acq: 5 Apr 2007 1:51 am

Tgt Ion:128 Resp: 5990

Ion	Ratio	Lower	Upper
128	100		
127	10.8	9.8	14.6
102	4.8	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006117.D
Acq On : 5 Apr 2007 2:13 am
Operator : frz
Sample : 580-5404-A-8-A
Misc : BT=Sea041040407b
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Apr 05 12:11:23 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1567128	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1787104	100.17	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	479186	57.58	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 57.58%#			
4) Toluene-d8 (Surr)	7.593	98	1835406	103.61	ug/L	0.01
Spiked Amount 100.000			Recovery = 103.61%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2280783	102.88	ug/L	-0.01
Spiked Amount 100.000			Recovery = 102.88%			
6) 4-Bromofluorobenzene (...	9.985	174	584655	111.74	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 111.74%			
Target Compounds						Qvalue
21) Naphthalene	12.560	128	3079	0.39	ug/L #	83

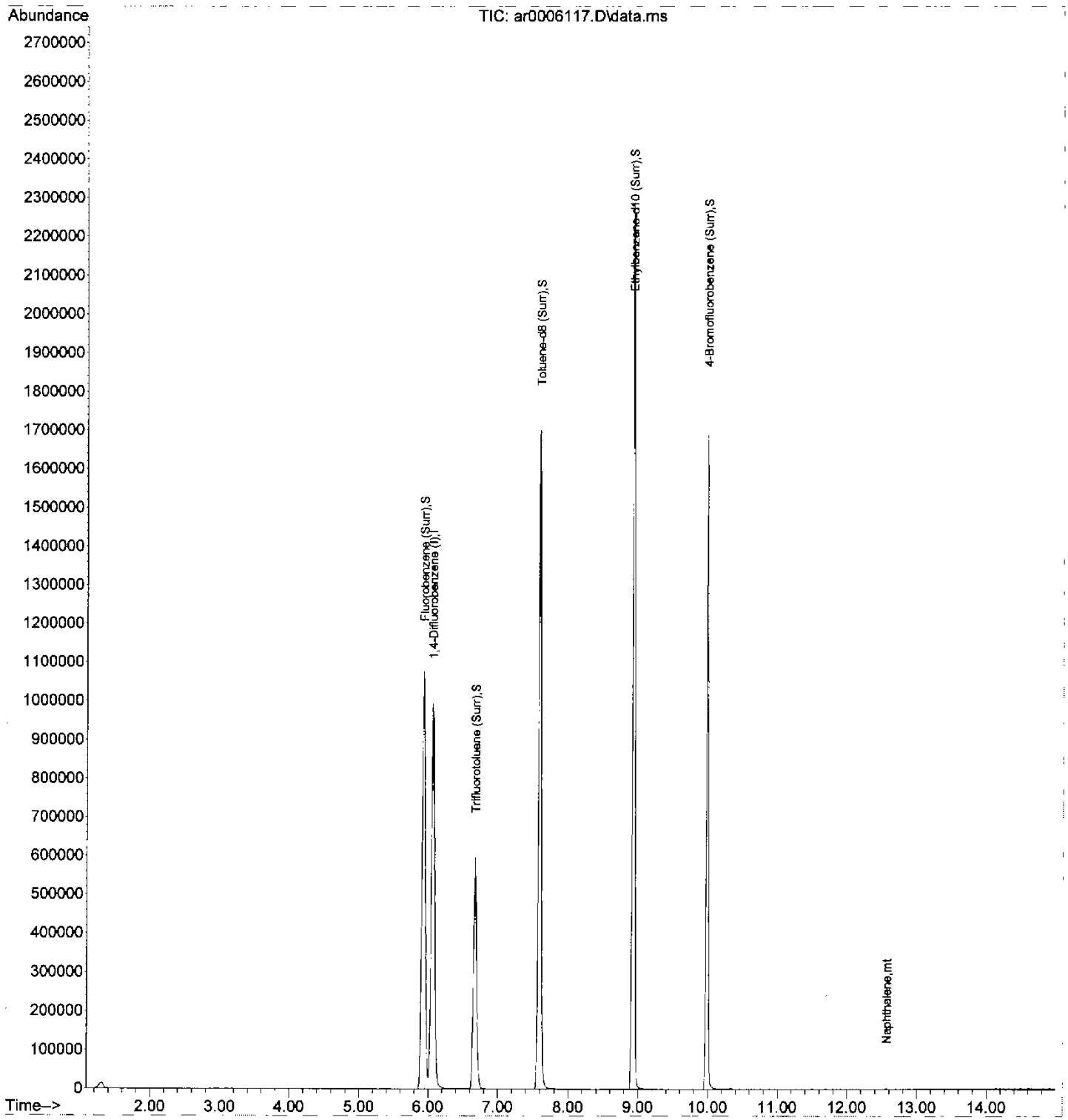
(#) = qualifier out of range (m) = manual integration (+) = signals summed

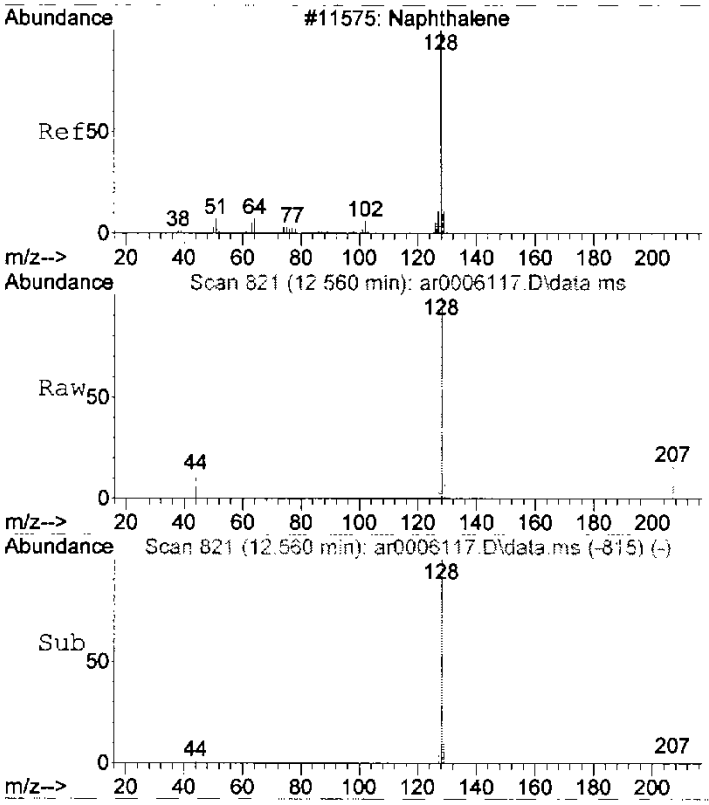
004445

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006117.D
Acq On : 5 Apr 2007 2:13 am
Operator : frz
Sample : 580-5404-A-8-A
Misc : BT=Sea041040407b
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Apr 05 12:11:23 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

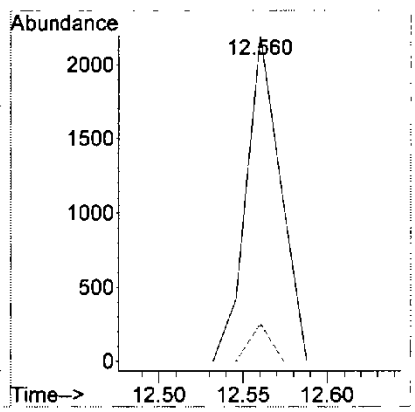




#21
Naphthalene
Concen: 0.39 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006117.D
Acq: 5 Apr 2007 2:13 am

Tgt Ion:128 Resp: 3079

Ion	Ratio	Lower	Upper
128	100		
127	6.9	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006118.D
Acq On : 5 Apr 2007 2:35 am
Operator : frz
Sample : 580-5404-A-9-A
Misc : BT=Sea041040407b
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 05 12:11:24 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

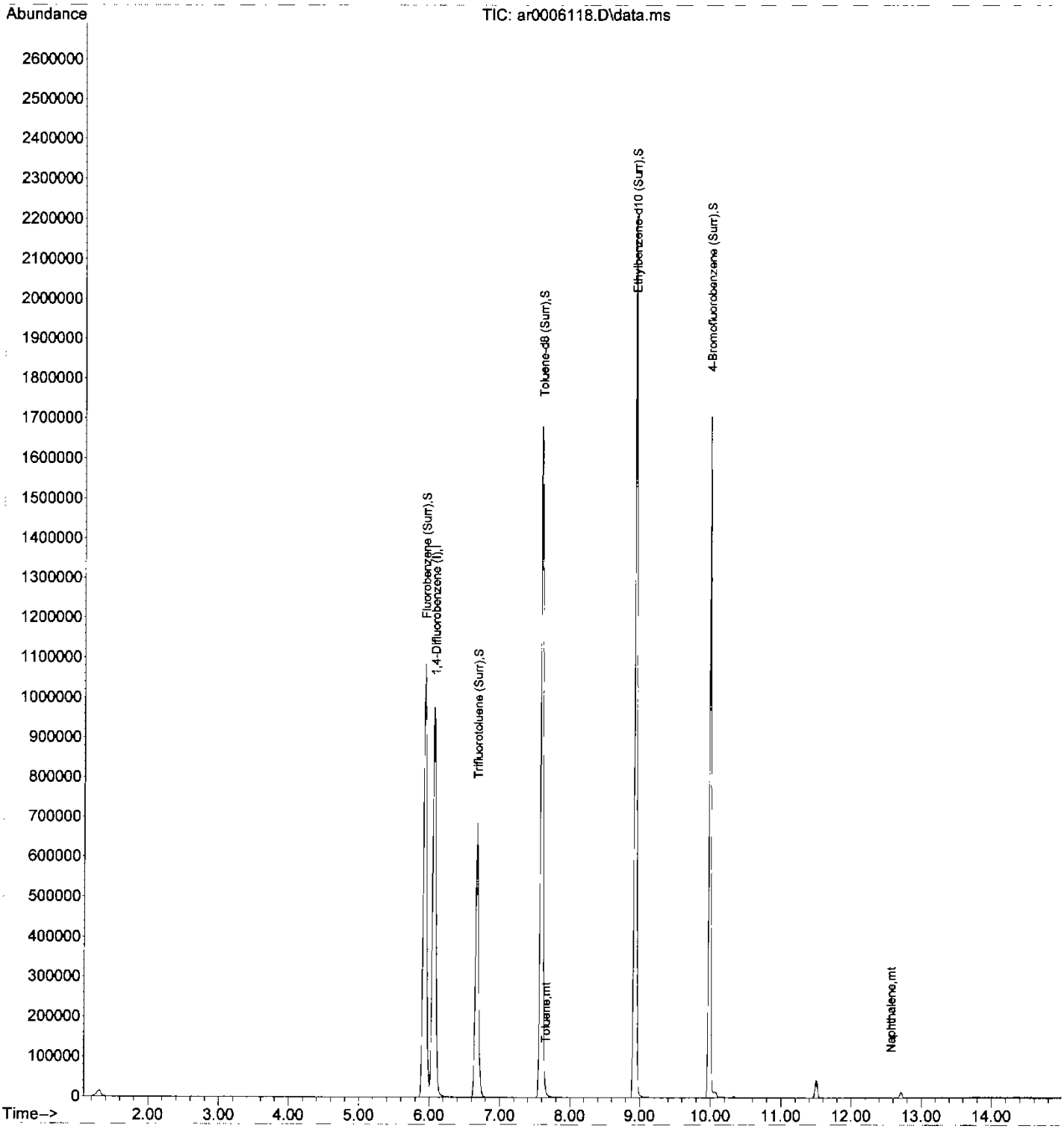
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1517557	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1738668	100.64	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	548747	68.09	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	68.09%#		
4) Toluene-d8 (Surr)	7.593	98	1785655	104.09	ug/L	0.01
Spiked Amount 100.000			Recovery =	104.09%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2231330	103.93	ug/L	-0.01
Spiked Amount 100.000			Recovery =	103.93%		
6) 4-Bromofluorobenzene (...	9.986	174	568036	112.11	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	112.11%		
Target Compounds						Qvalue
12) Toluene	7.649	92	1925	0.17	ug/L #	91
21) Naphthalene	12.560	128	752	0.24	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

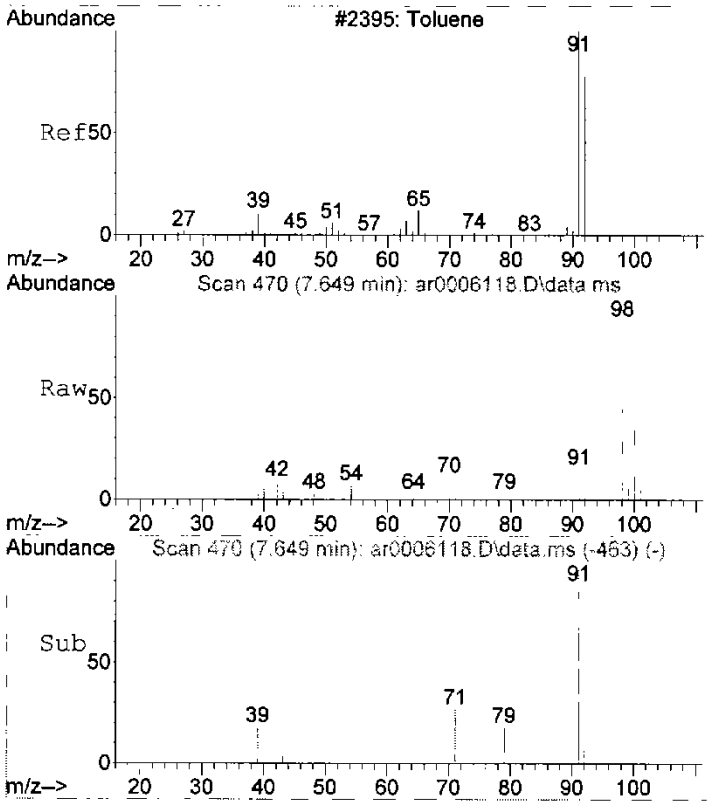
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006118.D
Acq On : 5 Apr 2007 2:35 am
Operator : frz
Sample : 580-5404-A-9-A
Misc : BT=Sea041040407b
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 05 12:11:24 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



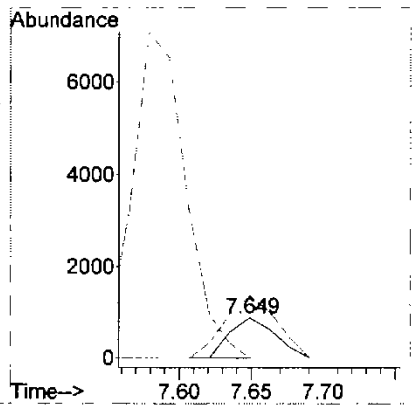
004449

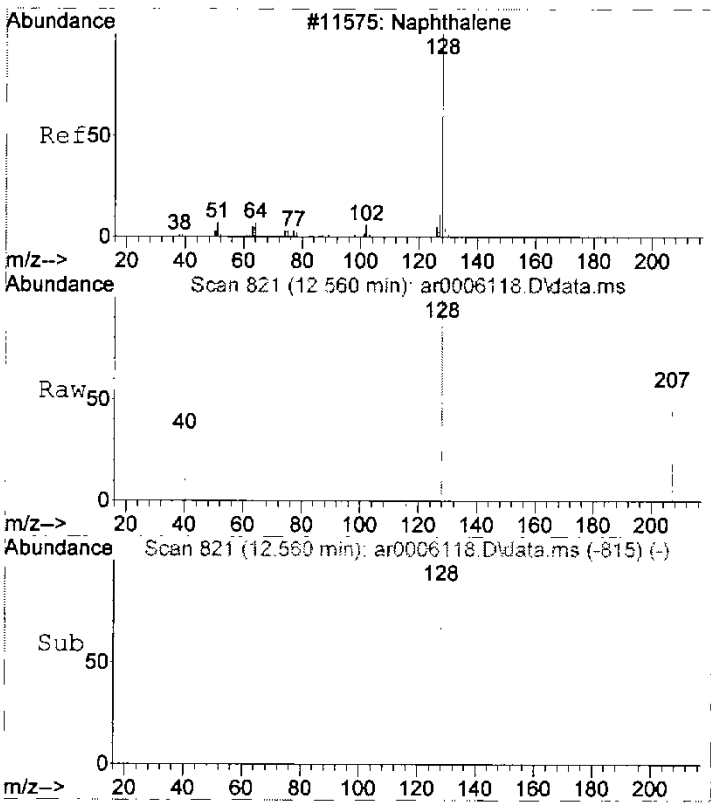


#12
Toluene
Concen: 0.17 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006118.D
Acq: 5 Apr 2007 2:35 am

Tgt Ion: 92 Resp: 1925

Ion	Ratio	Lower	Upper
92	100		
91	177.8	136.1	196.1
62	0.0	0.0	35.3

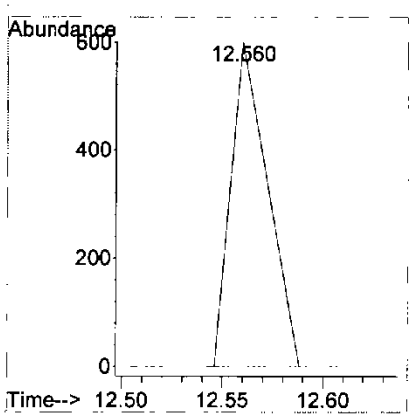




#21
Naphthalene
Concen: 0.24 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006118.D
Acq: 5 Apr 2007 2:35 am

Tgt Ion:128 Resp: 752

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006119.D
Acq On : 5 Apr 2007 2:57 am
Operator : frz
Sample : 580-5404-C-10-B
Misc : BT=Sea041040407b
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 05 12:11:25 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

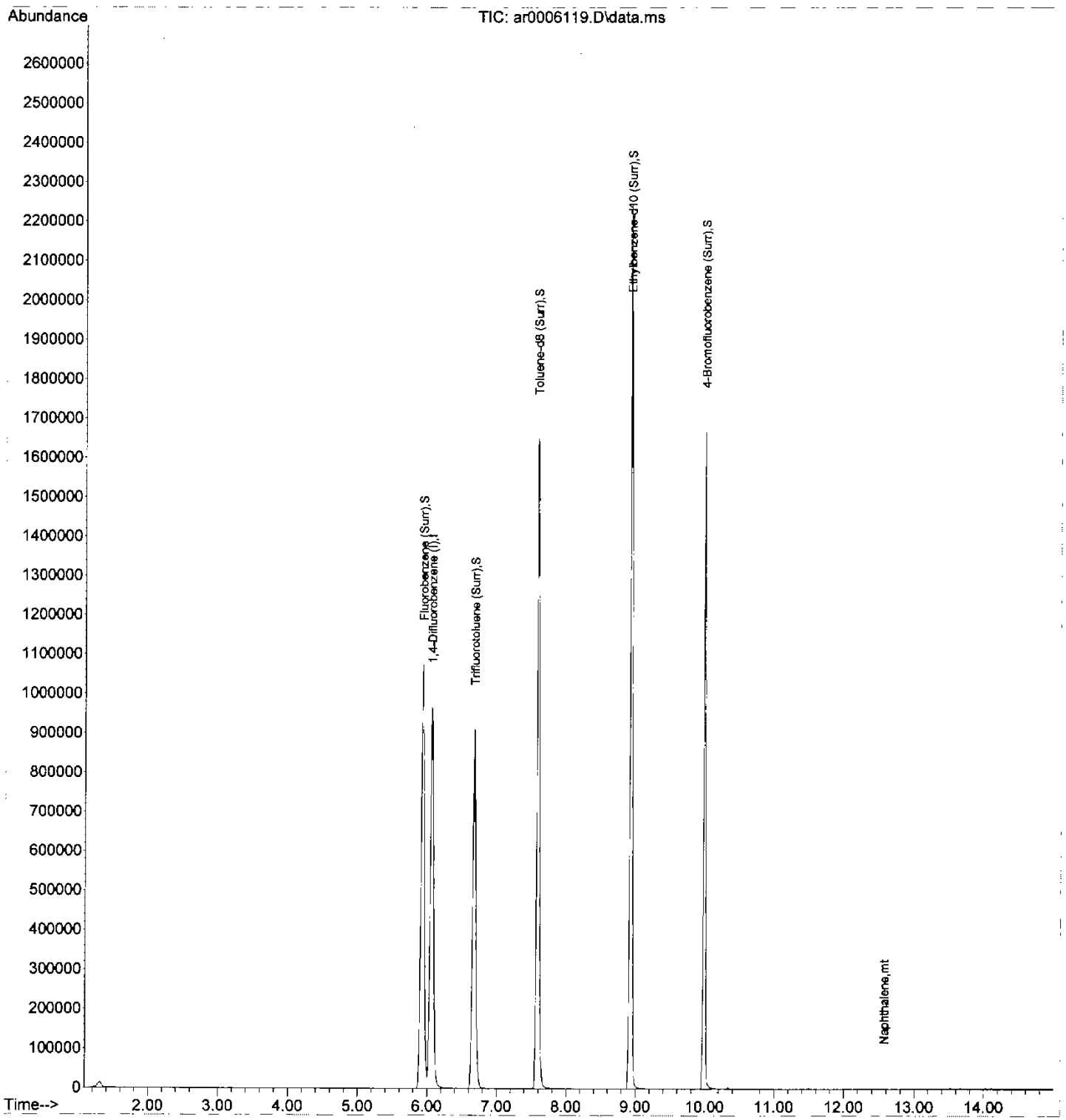
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1511625	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1731673	100.62	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	742142	92.45	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 92.45%			
4) Toluene-d8 (Surr)	7.579	98	1769447	103.55	ug/L	0.00
Spiked Amount 100.000			Recovery = 103.55%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2235124	104.52	ug/L	-0.01
Spiked Amount 100.000			Recovery = 104.52%			
6) 4-Bromofluorobenzene (...	9.985	174	559805	110.92	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.92%			
Target Compounds						Qvalue
21) Naphthalene	12.560	128	259	0.20	ug/L	# 73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

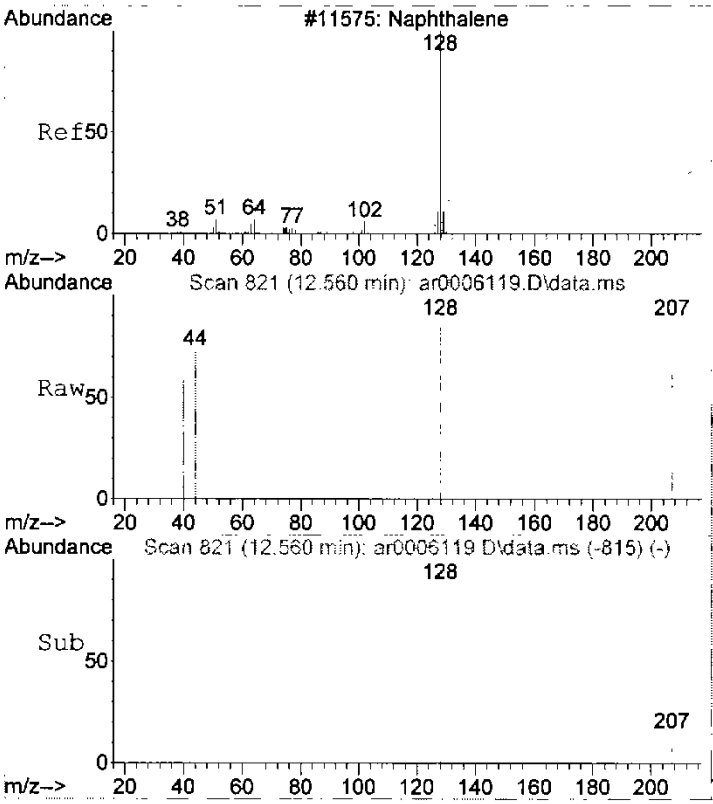
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006119.D
Acq On : 5 Apr 2007 2:57 am
Operator : frz
Sample : 580-5404-C-10-B
Misc : BT=Sea041040407b
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 05 12:11:25 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



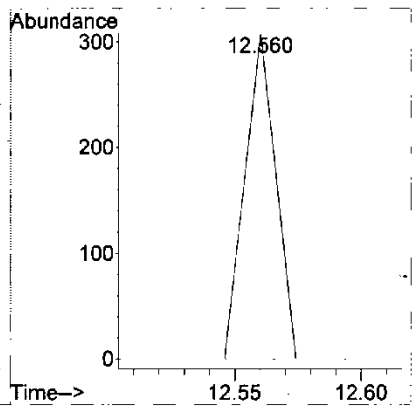
004452



#21
Naphthalene
Concen: 0.20 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006119.D
Acq: 5 Apr 2007 2:57 am

Tgt Ion:128 Resp: 259

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006126.D
Acq On : 5 Apr 2007 5:34 am
Operator : frz
Sample : 580-5404-A-11-A
Misc : BT=Sea041040407b
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Apr 05 12:11:32 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

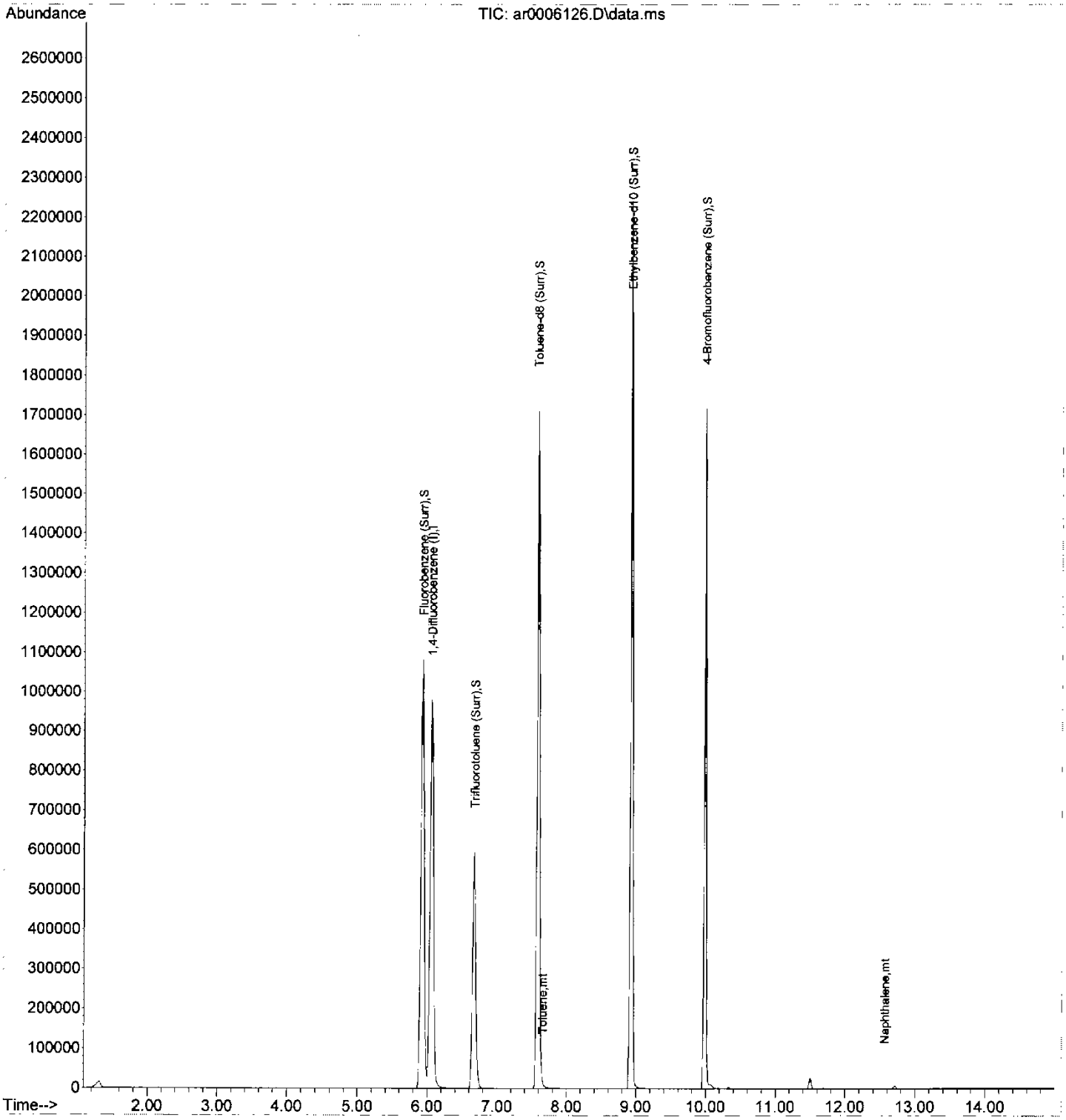
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1553200	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1768685	100.02	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	503207	61.01	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	61.01%#		
4) Toluene-d8 (Surr)	7.579	98	1793514	102.15	ug/L	0.00
Spiked Amount 100.000			Recovery =	102.15%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2250055	102.40	ug/L	-0.01
Spiked Amount 100.000			Recovery =	102.40%		
6) 4-Bromofluorobenzene (...	9.986	174	588902	113.56	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	113.56%		
Target Compounds						Qvalue
12) Toluene	7.649	92	1382	0.12	ug/L	# 1
21) Naphthalene	12.560	128	911	0.25	ug/L	# 73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

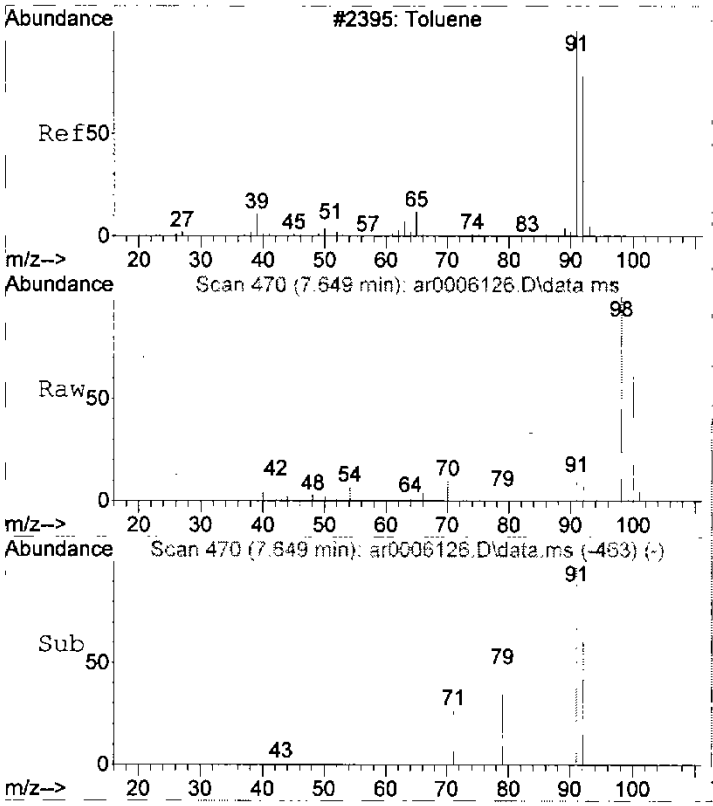
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006126.D
Acq On : 5 Apr 2007 5:34 am
Operator : frz
Sample : 580-5404-A-11-A
Misc : BT=Sea041040407b
ALS Vial : 56 Sample Multiplier: 1

Quant Time: Apr 05 12:11:32 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



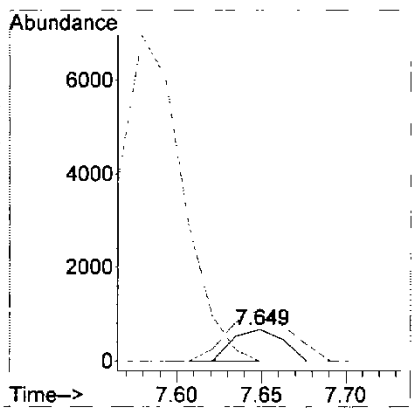
004455

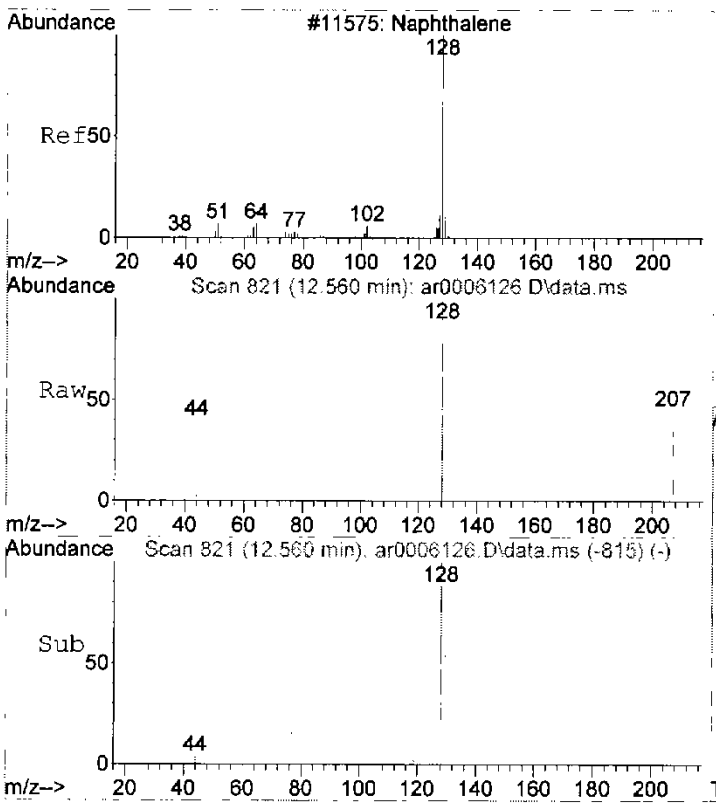


#12
Toluene
Concen: 0.12 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006126.D
Acq: 5 Apr 2007 5:34 am

Tgt Ion: 92 Resp: 1382

Ion	Ratio	Lower	Upper
92	100		
91	198.8	136.1	196.1#
62	1038.2	0.0	35.3#

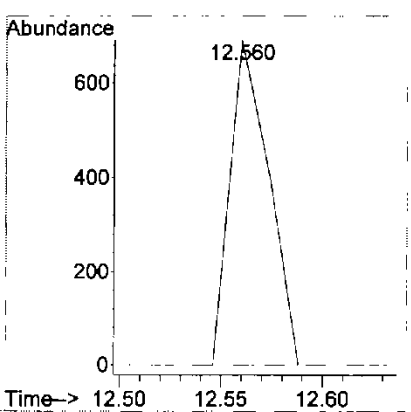




#21
Naphthalene
Concen: 0.25 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006126.D
Acq: 5 Apr 2007 5:34 am

Tgt Ion:128 Resp: 911

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006127.D
Acq On : 5 Apr 2007 5:57 am
Operator : frz
Sample : 580-5404-A-12-A
Misc : BT=Sea041040407b
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Apr 05 12:11:33 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

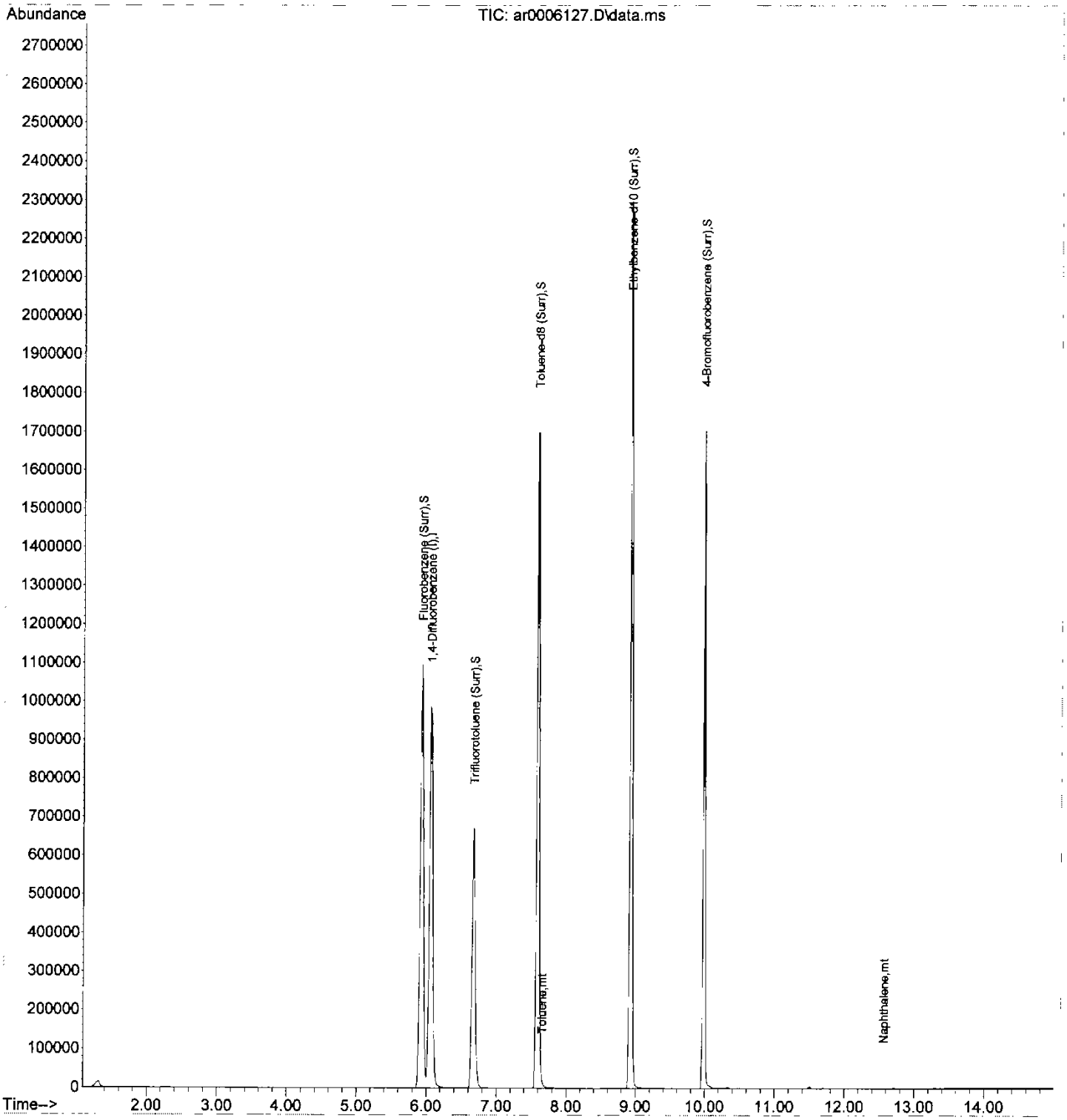
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1560431	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1781065	100.26	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	539618	65.12	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	65.12%#		
4) Toluene-d8 (Surr)	7.593	98	1835040	104.03	ug/L	0.02
Spiked Amount 100.000			Recovery =	104.03%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2266151	102.65	ug/L	-0.01
Spiked Amount 100.000			Recovery =	102.65%		
6) 4-Bromofluorobenzene (...	9.986	174	584236	112.14	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	112.14%		
Target Compounds						Qvalue
12) Toluene	7.649	92	956	0.08	ug/L #	1
21) Naphthalene	12.560	128	772	0.24	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

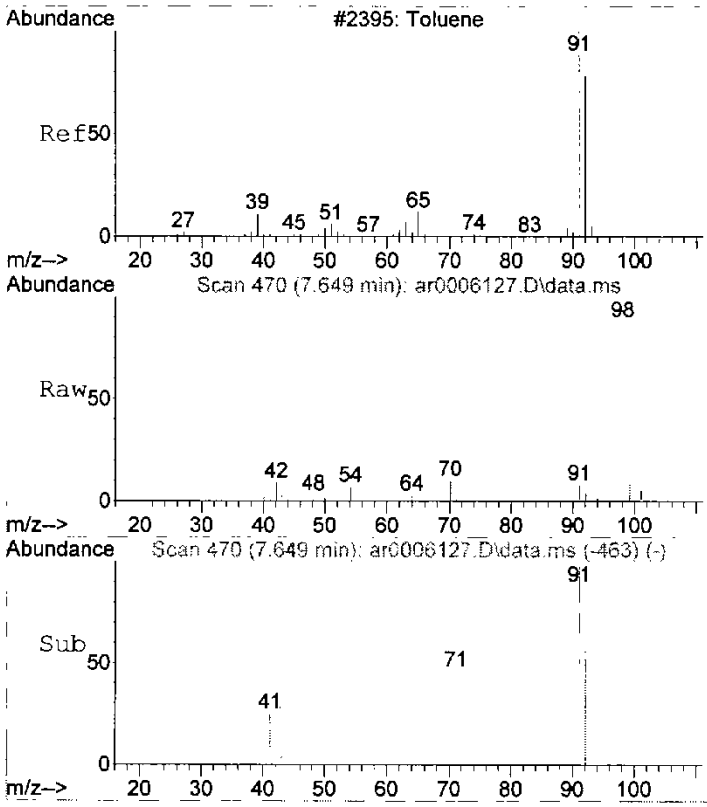
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006127.D
Acq On : 5 Apr 2007 5:57 am
Operator : frz
Sample : 580-5404-A-12-A
Misc : BT=Sea041040407b
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Apr 05 12:11:33 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



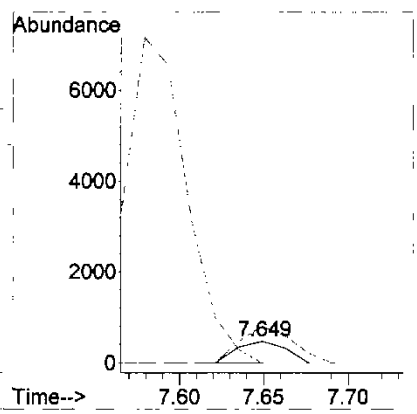
004458

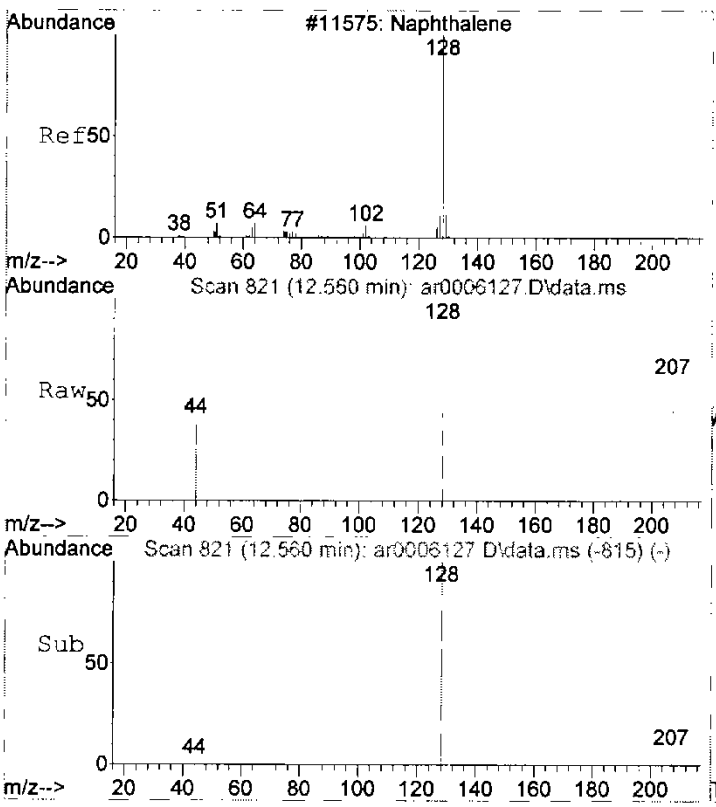


#12
Toluene
Concen: 0.08 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006127.D
Acq: 5 Apr 2007 5:57 am

Tgt Ion: 92 Resp: 956

Ion	Ratio	Lower	Upper
92	100		
91	181.4	136.1	196.1
62	1589.6	0.0	35.3#

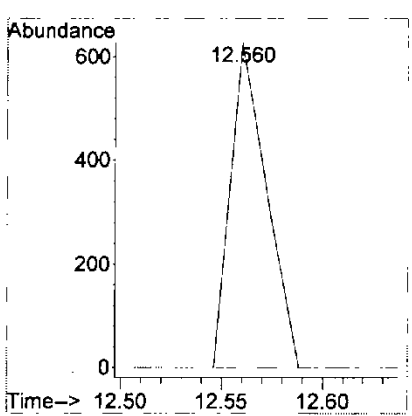




#21
Naphthalene
Concen: 0.24 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006127.D
Acq: 5 Apr 2007 5:57 am

Tgt Ion:128 Resp: 772

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



004459

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006128.D
Acq On : 5 Apr 2007 6:19 am
Operator : frz
Sample : 580-5404-A-13-F
Misc : BT=Sea041040407b
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Apr 05 12:11:34 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

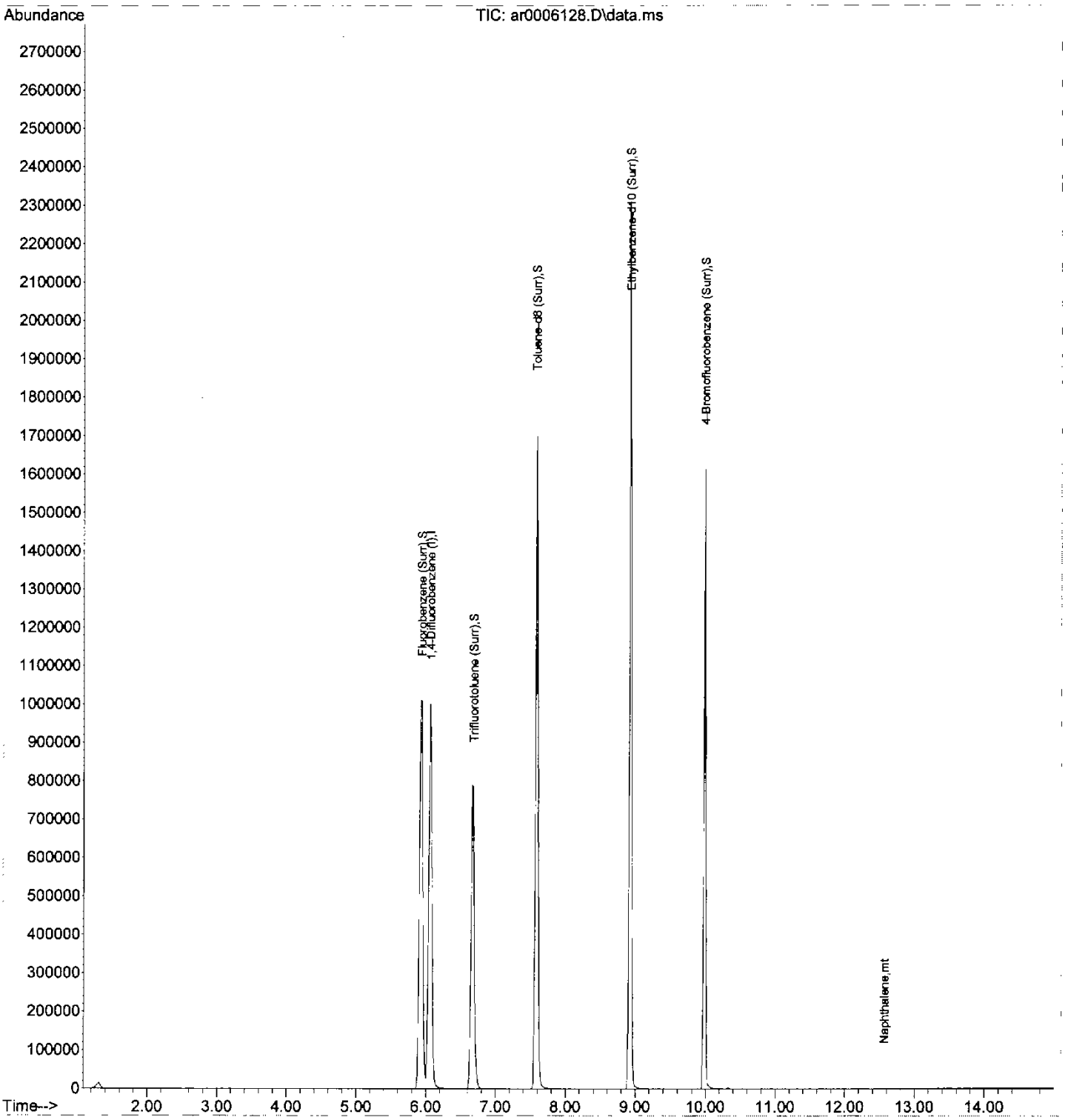
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1485247	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1696303	100.32	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	683158	86.61	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 86.61%			
4) Toluene-d8 (Surr)	7.579	98	1726785	102.85	ug/L	0.00
Spiked Amount 100.000			Recovery = 102.85%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2212327	105.29	ug/L	-0.01
Spiked Amount 100.000			Recovery = 105.29%			
6) 4-Bromofluorobenzene (...	9.986	174	566873	114.32	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 114.32%			
Target Compounds						Qvalue
21) Naphthalene	12.560	128	352	0.21	ug/L	# 73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

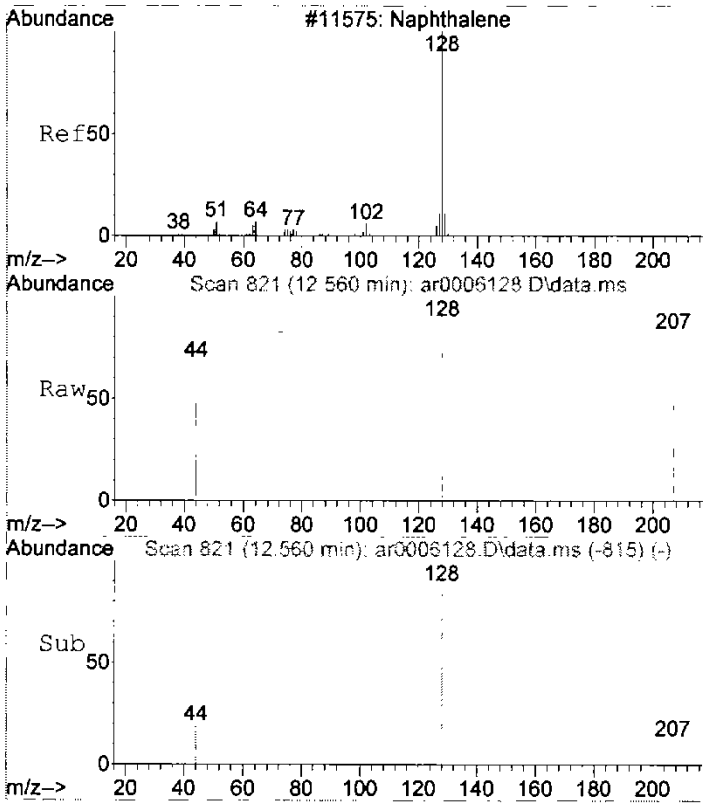
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006128.D
Acq On : 5 Apr 2007 6:19 am
Operator : frz
Sample : 580-5404-A-13-F
Misc : BT=Sea041040407b
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Apr 05 12:11:34 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



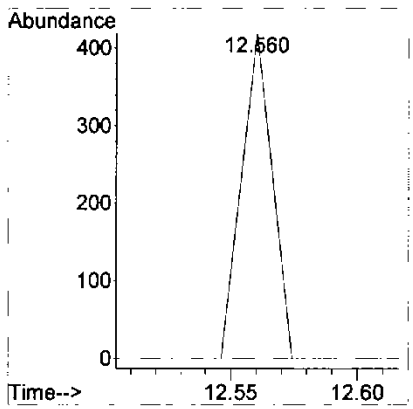
004461



#21
Naphthalene
Concen: 0.21 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006128.D
Acq: 5 Apr 2007 6:19 am

Tgt Ion:128 Resp: 352

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006133.D
Acq On : 5 Apr 2007 8:11 am
Operator : frz
Sample : 580-5404-A-14-H
Misc : BT=Sea041040407b
ALS Vial : 63 Sample Multiplier: 1

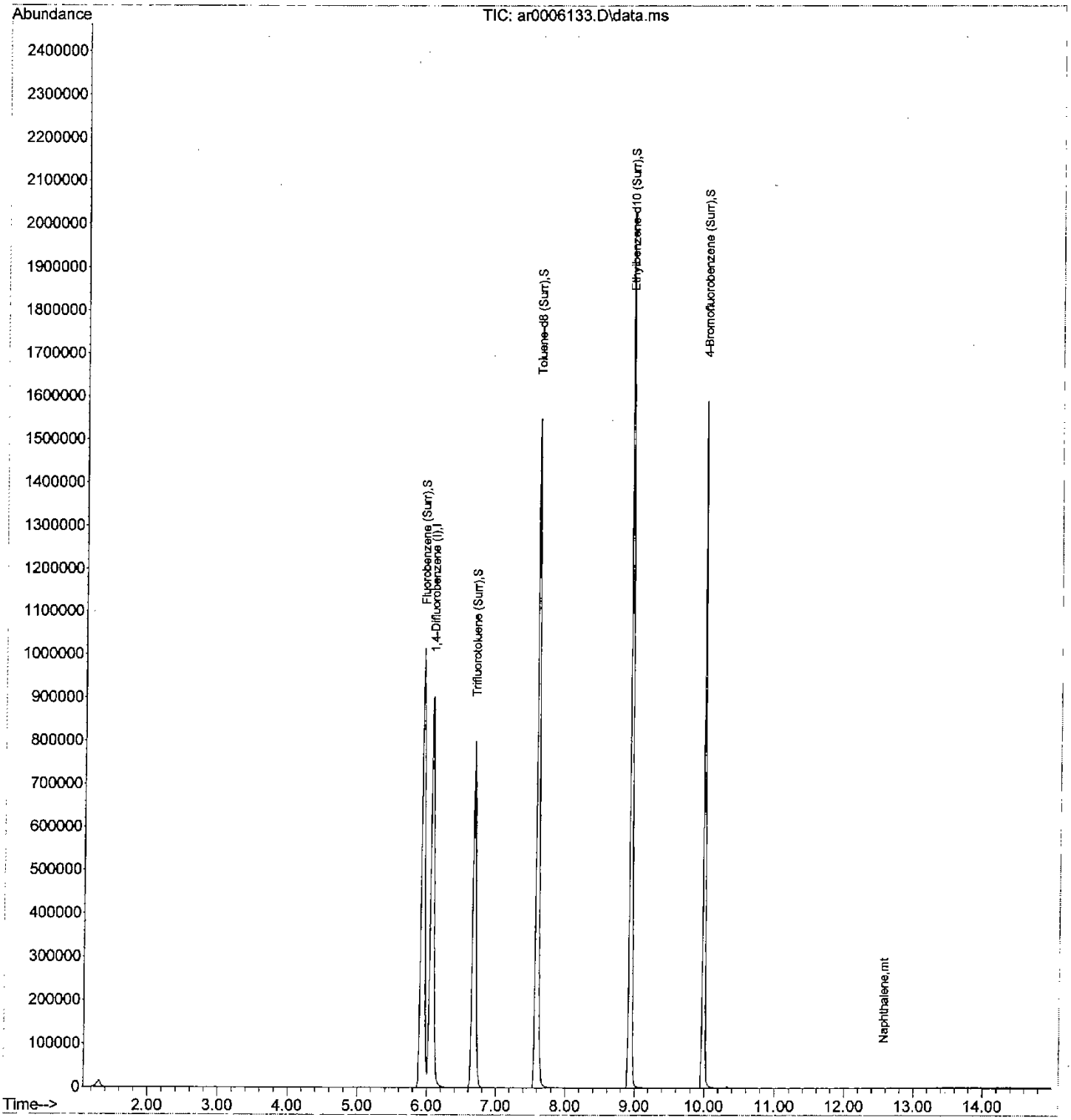
Quant Time: Apr 05 12:11:39 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

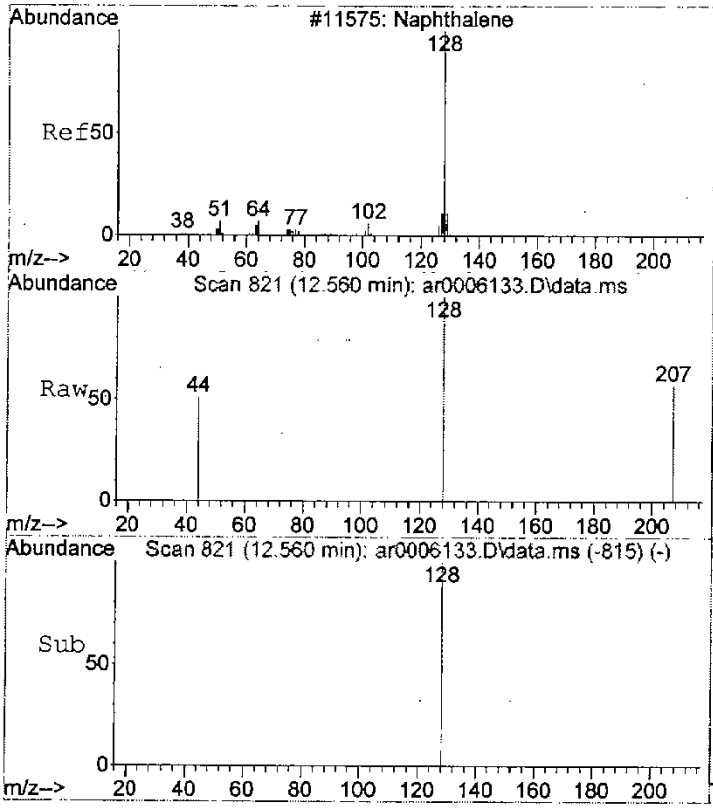
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1456872	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1667943	100.56	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	667287	86.25	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 86.25%			
4) Toluene-d8 (Surr)	7.593	98	1697990	103.10	ug/L	0.02
Spiked Amount 100.000			Recovery = 103.10%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2119432	102.83	ug/L	-0.01
Spiked Amount 100.000			Recovery = 102.83%			
6) 4-Bromofluorobenzene (...	9.986	174	537586	110.52	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.52%			
Target Compounds						Qvalue
21) Naphthalene	12.560	128	583	0.23	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : E:\1\data\04042007\
Data File : ar0006133.D
Acq On : 5 Apr 2007 8:11 am
Operator : frz
Sample : 580-5404-A-14-H
Misc : BT=Sea041040407b
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Apr 05 12:11:39 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

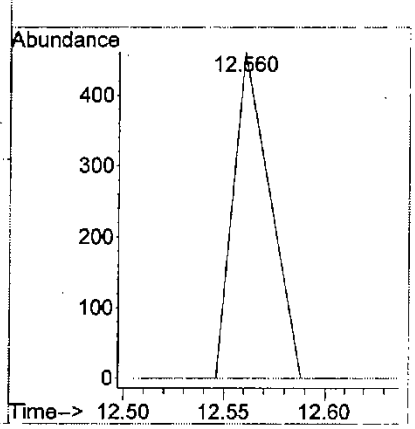




#21
Naphthalene
Concen: 0.23 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006133.D
Acq: 5 Apr 2007 8:11 am

Tgt Ion:128 Resp: 583

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006129.D
Acq On : 5 Apr 2007 6:42 am
Operator : frz
Sample : 580-5404-A-15-A
Misc : BT=Sea041040407b
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Apr 05 12:11:35 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

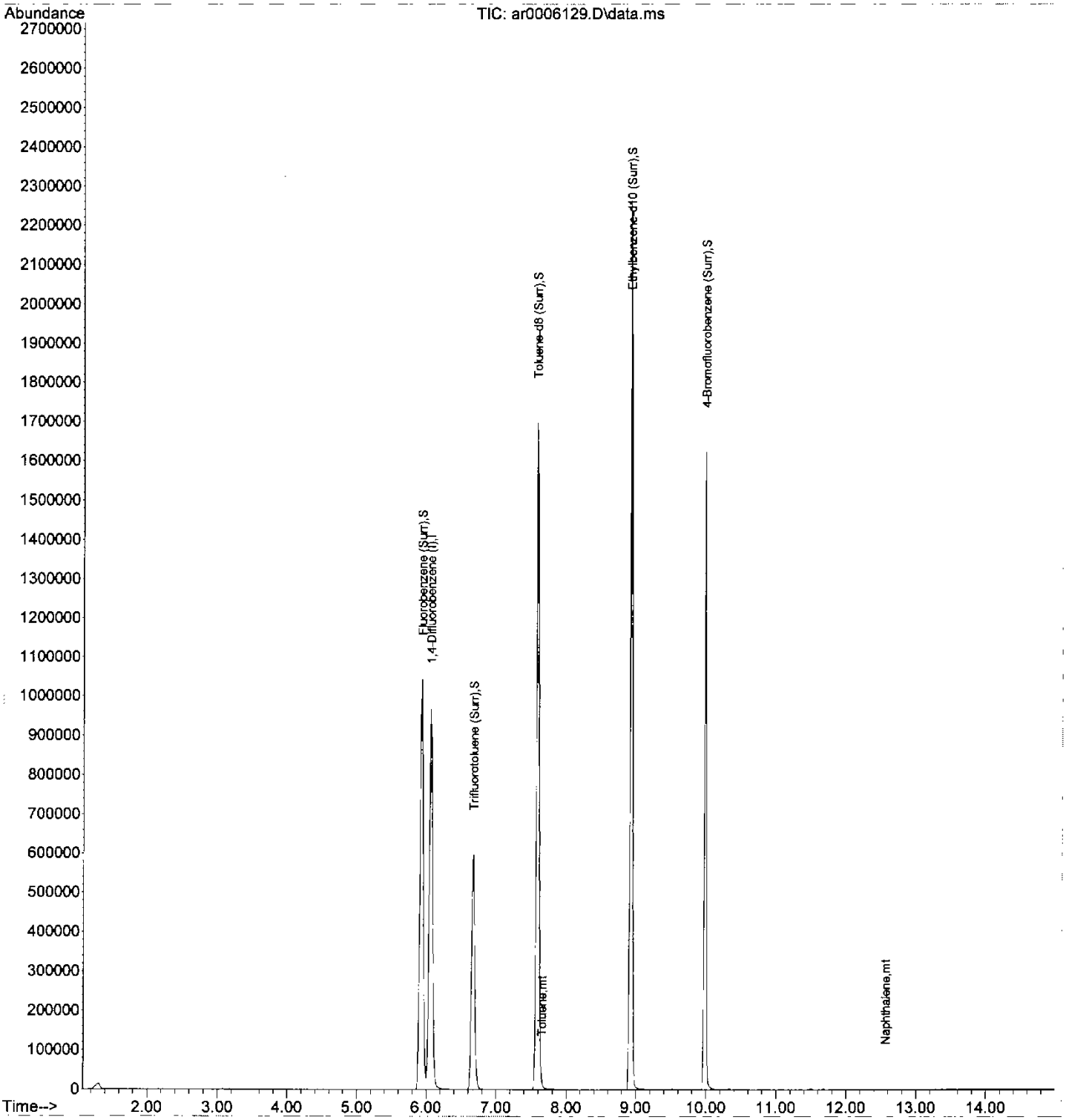
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1486587	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1697871	100.32	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	486047	61.57	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	61.57%#		
4) Toluene-d8 (Surr)	7.579	98	1752346	104.28	ug/L	0.00
Spiked Amount 100.000			Recovery =	104.28%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2203773	104.79	ug/L	-0.01
Spiked Amount 100.000			Recovery =	104.79%		
6) 4-Bromofluorobenzene (...	9.986	174	561265	113.08	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	113.08%		
Target Compounds						Qvalue
12) Toluene	7.649	92	1083	0.10	ug/L #	1
21) Naphthalene	12.560	128	627	0.23	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

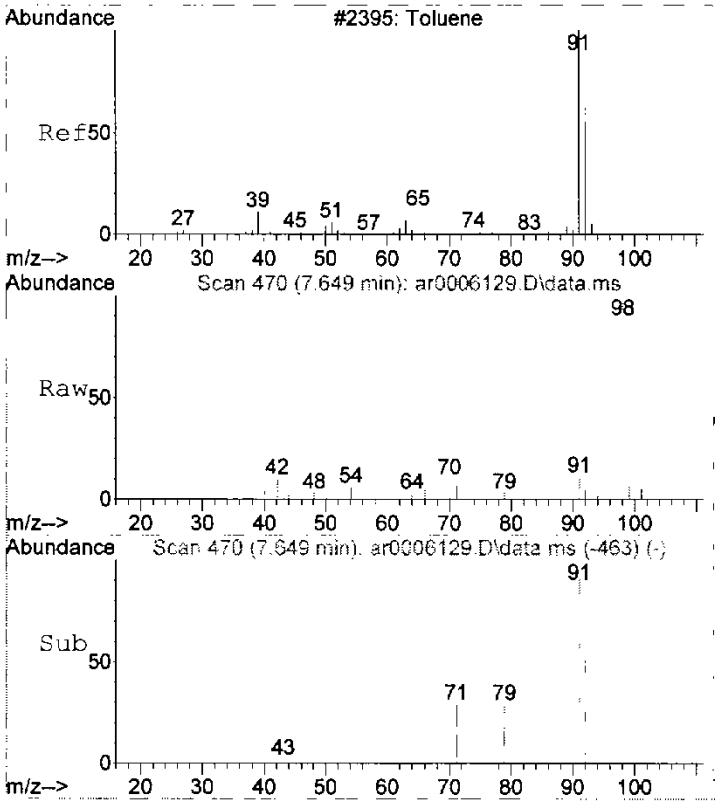
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006129.D
Acq On : 5 Apr 2007 6:42 am
Operator : frz
Sample : 580-5404-A-15-A
Misc : BT=Sea041040407b
ALS Vial : 59 Sample Multiplier: 1

Quant Time: Apr 05 12:11:35 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



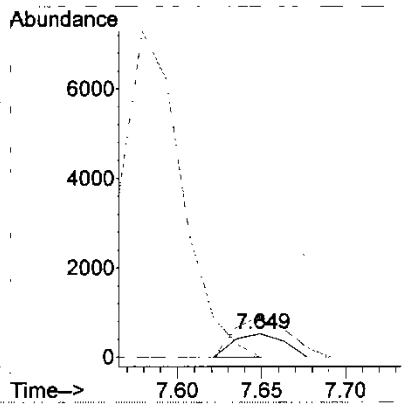
004467

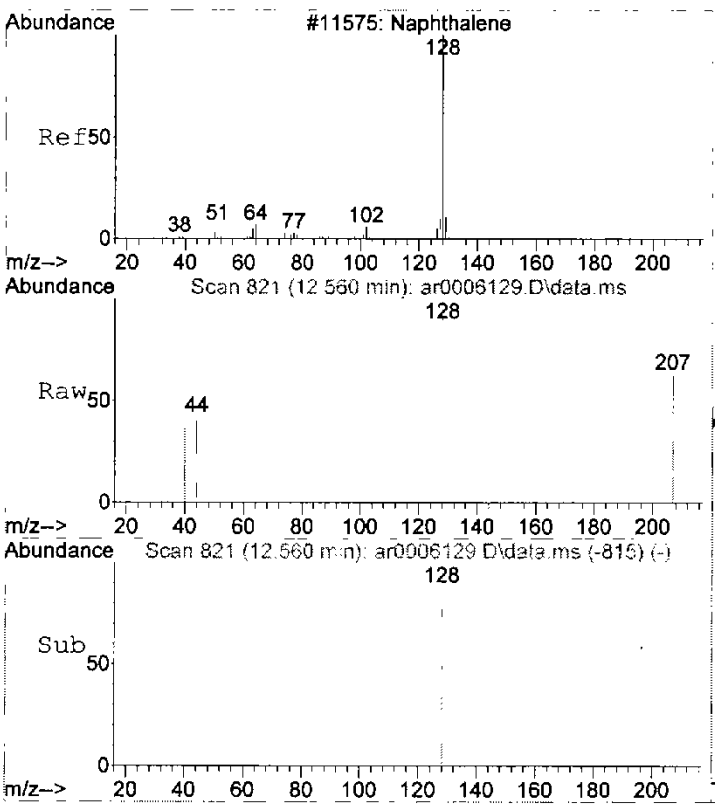


#12
Toluene
Concen: 0.10 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006129.D
Acq: 5 Apr 2007 6:42 am

Tgt Ion: 92 Resp: 1083

Ion	Ratio	Lower	Upper
92	100		
91	186.8	136.1	196.1
62	1350.9	0.0	35.3#

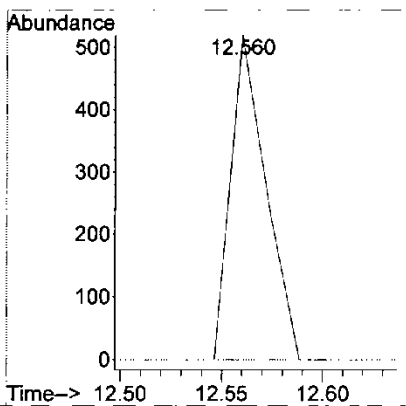




#21
Naphthalene
Concen: 0.23 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006129.D
Acq: 5 Apr 2007 6:42 am

Tgt Ion:128 Resp: 627

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006130.D
Acq On : 5 Apr 2007 7:04 am
Operator : frz
Sample : 580-5404-A-16-A
Misc : BT=Sea041040407b
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Apr 05 12:11:36 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

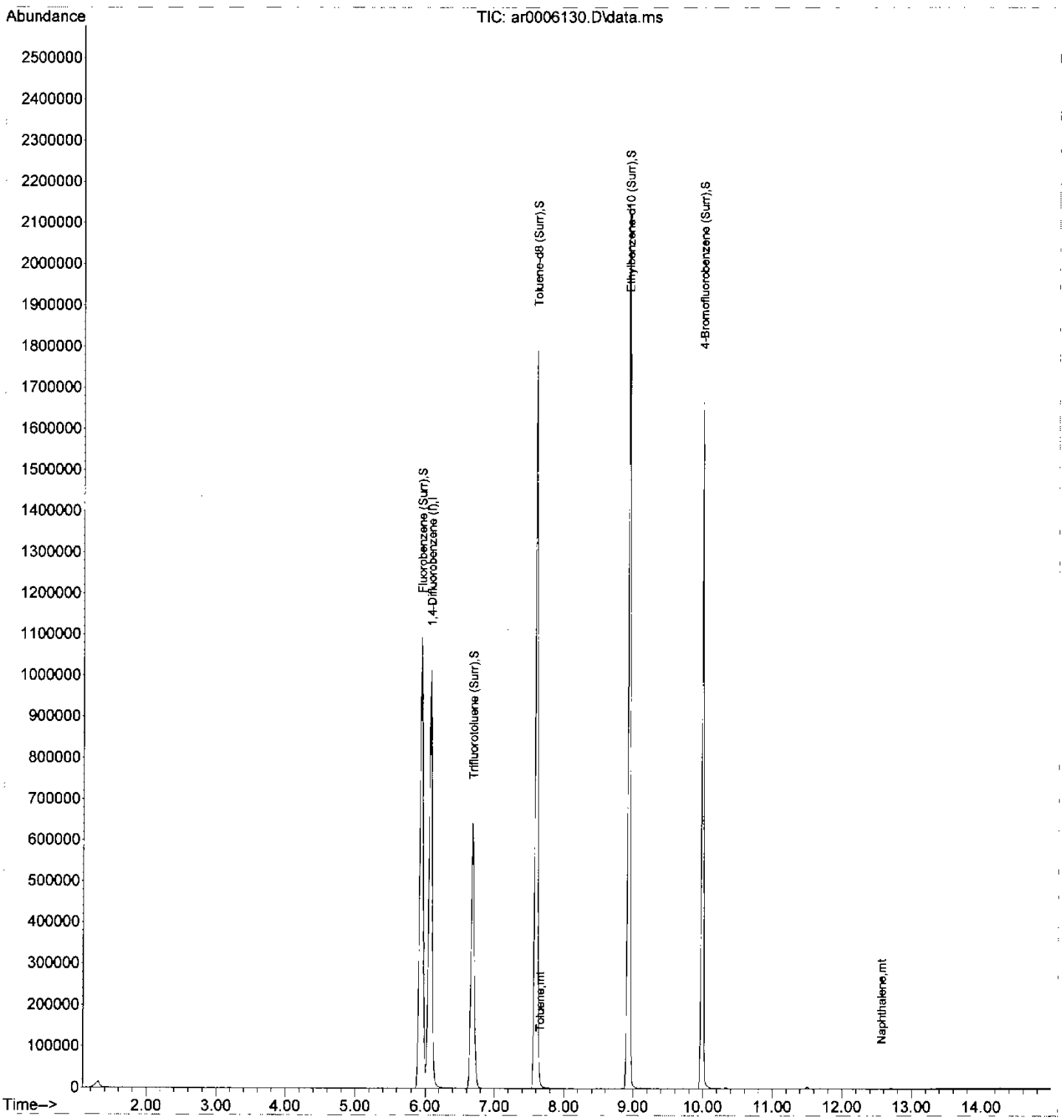
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1574841	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1804665	100.66	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	531097	63.50	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	63.50%#		
4) Toluene-d8 (Surr)	7.593	98	1821419	102.31	ug/L	0.01
Spiked Amount 100.000			Recovery =	102.31%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2237031	100.41	ug/L	-0.01
Spiked Amount 100.000			Recovery =	100.41%		
6) 4-Bromofluorobenzene (...	9.986	174	575732	109.50	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	109.50%		
Target Compounds						Qvalue
12) Toluene	7.649	92	1468	0.13	ug/L #	95
21) Naphthalene	12.560	128	723	0.23	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

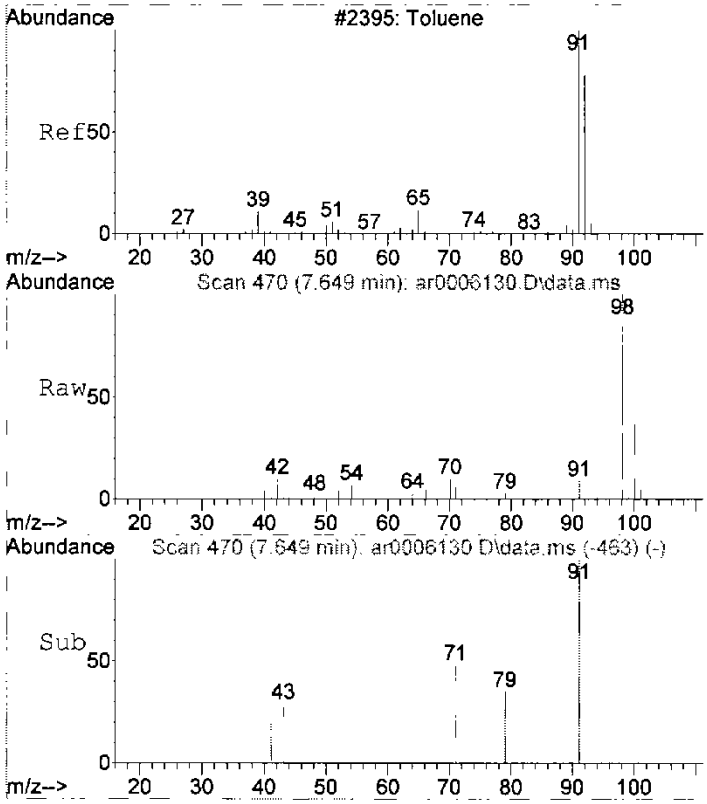
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006130.D
Acq On : 5 Apr 2007 7:04 am
Operator : frz
Sample : 580-5404-A-16-A
Misc : BT=Sea041040407b
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Apr 05 12:11:36 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



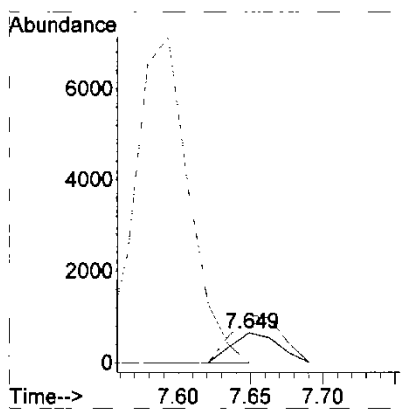
004470

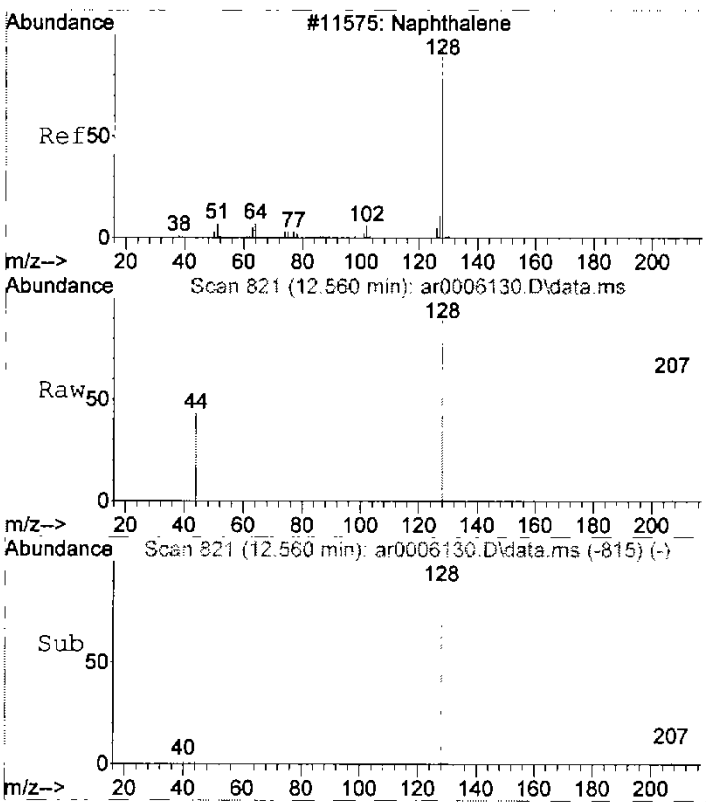


#12
Toluene
Concen: 0.13 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006130.D
Acq: 5 Apr 2007 7:04 am

Tgt Ion: 92 Resp: 1468

Ion	Ratio	Lower	Upper
92	100		
91	172.3	136.1	196.1
62	0.0	0.0	35.3

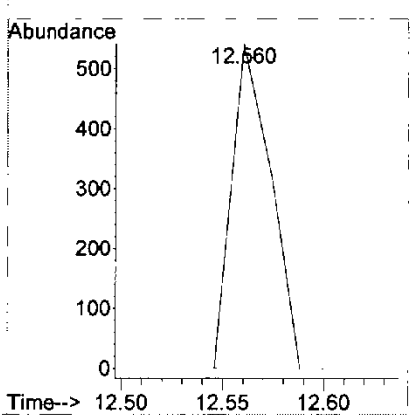




#21
Naphthalene
Concen: 0.23 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006130.D
Acq: 5 Apr 2007 7:04 am

Tgt Ion:128 Resp: 723

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006131.D
Acq On : 5 Apr 2007 7:26 am
Operator : frz
Sample : 580-5404-A-17-A
Misc : BT=Sea041040407b
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Apr 05 12:11:37 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

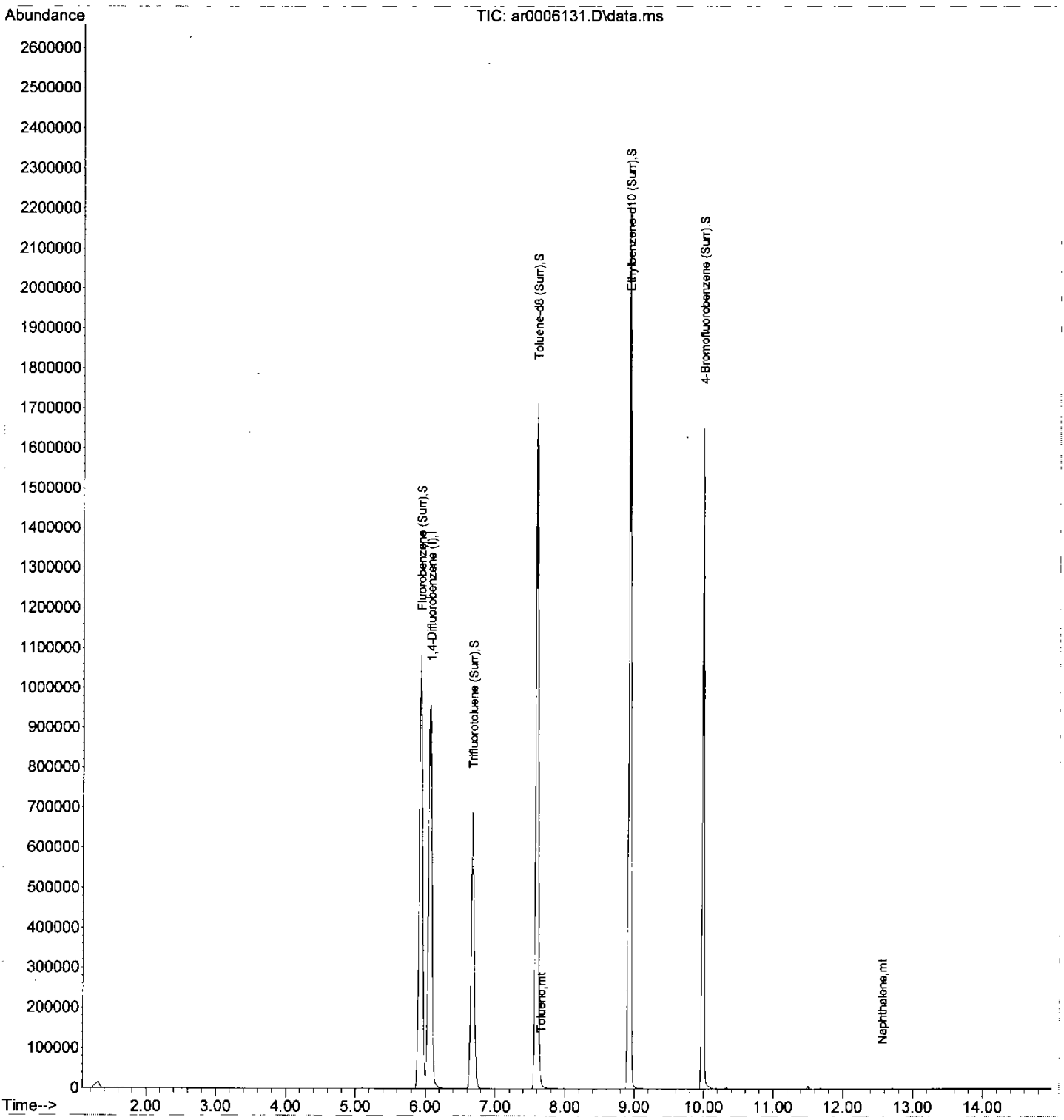
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1541446	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1762029	100.41	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	561754	68.62	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 68.62%#			
4) Toluene-d8 (Surr)	7.593	98	1813558	104.08	ug/L	0.02
Spiked Amount 100.000			Recovery = 104.08%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2244009	102.90	ug/L	-0.01
Spiked Amount 100.000			Recovery = 102.90%			
6) 4-Bromofluorobenzene (...	9.986	174	569270	110.61	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.61%			
Target Compounds						Qvalue
12) Toluene	7.649	92	1720	0.15	ug/L #	99
21) Naphthalene	12.560	128	333	0.21	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

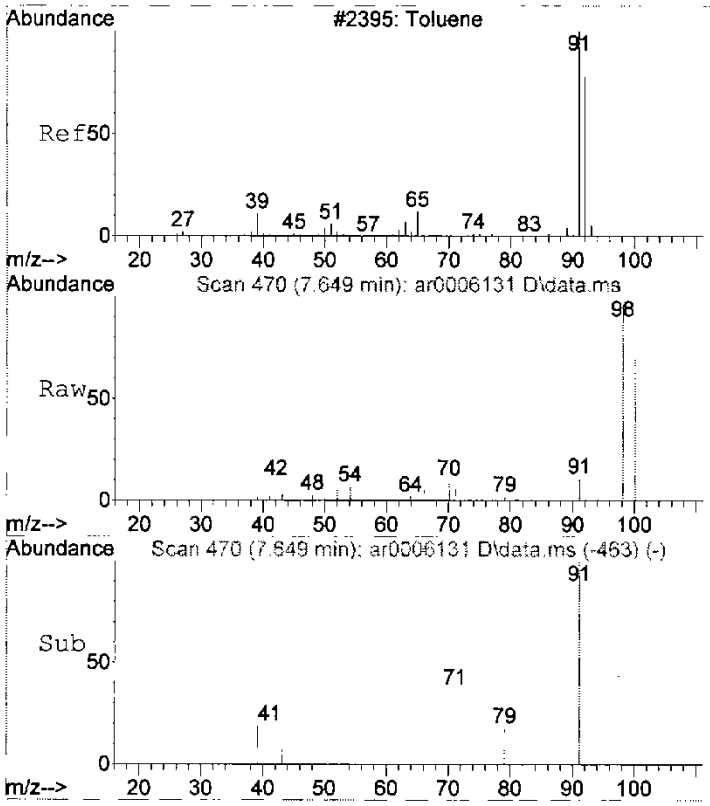
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006131.D
Acq On : 5 Apr 2007 7:26 am
Operator : frz
Sample : 580-5404-A-17-A
Misc : BT=Sea041040407b
ALS Vial : 61 Sample Multiplier: 1

Quant Time: Apr 05 12:11:37 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



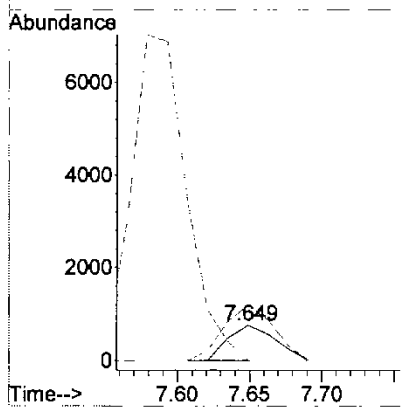
004473

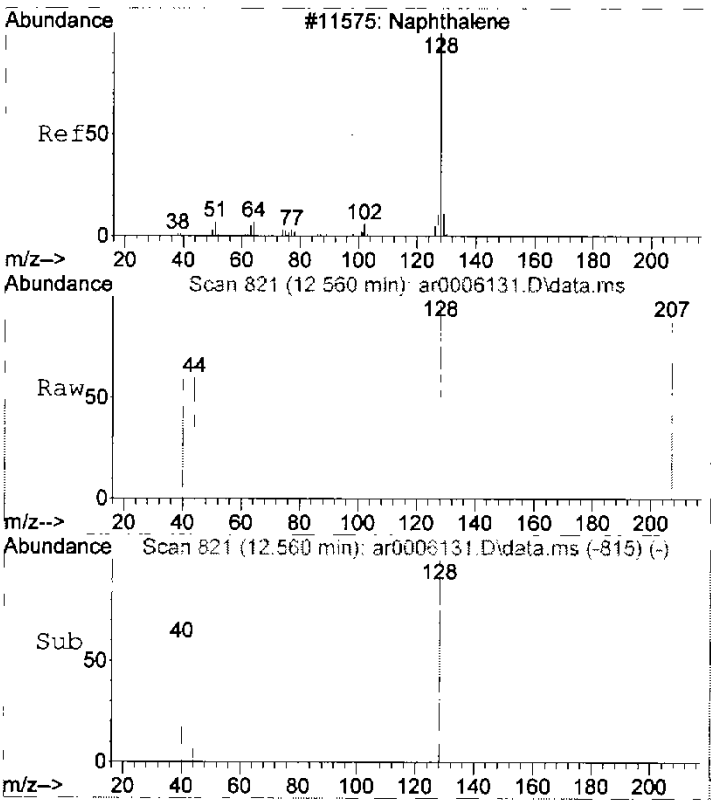


#12
Toluene
Concen: 0.15 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006131.D
Acq: 5 Apr 2007 7:26 am

Tgt Ion: 92 Resp: 1720

Ion	Ratio	Lower	Upper
92	100		
91	166.6	136.1	196.1
62	0.0	0.0	35.3

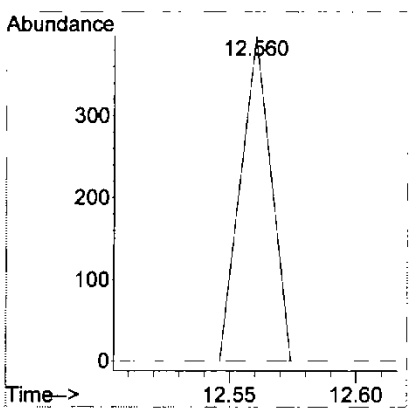




#21
Naphthalene
Concen: 0.21 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006131.D
Acq: 5 Apr 2007 7:26 am

Tgt Ion:128 Resp: 333

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006132.D
Acq On : 5 Apr 2007 7:49 am
Operator : frz
Sample : 580-5404-A-18-A
Misc : BT=Sea041040407b
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Apr 05 12:11:38 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

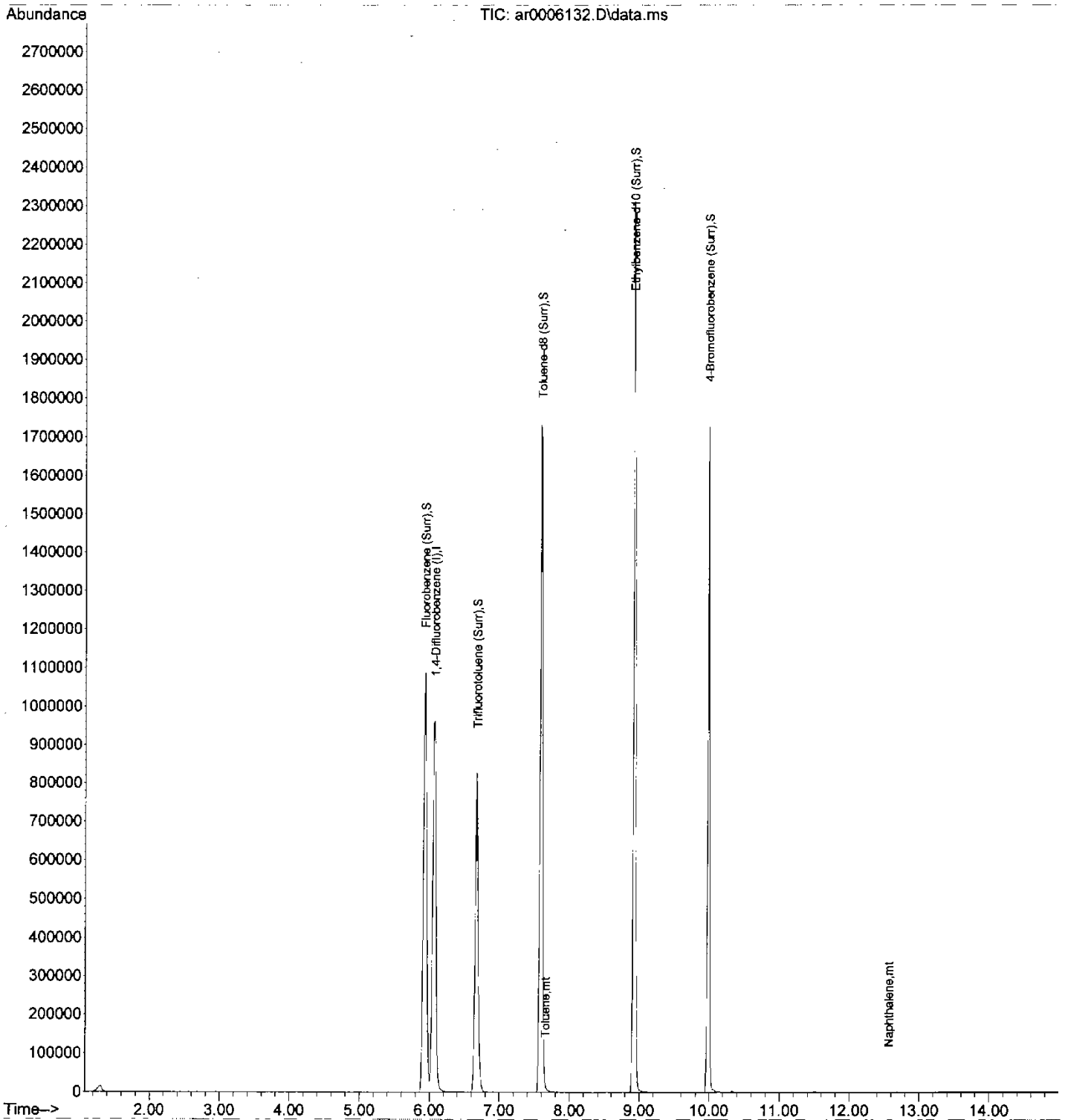
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1534738	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1760285	100.75	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	657069	80.62	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 80.62%#			
4) Toluene-d8 (Surr)	7.593	98	1824002	105.14	ug/L	0.01
Spiked Amount 100.000			Recovery = 105.14%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2267044	104.41	ug/L	-0.01
Spiked Amount 100.000			Recovery = 104.41%			
6) 4-Bromofluorobenzene (...	9.985	174	580355	113.26	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 113.26%			
Target Compounds						Qvalue
12) Toluene	7.649	92	888	0.08	ug/L #	65
21) Naphthalene	12.560	128	548	0.22	ug/L #	73

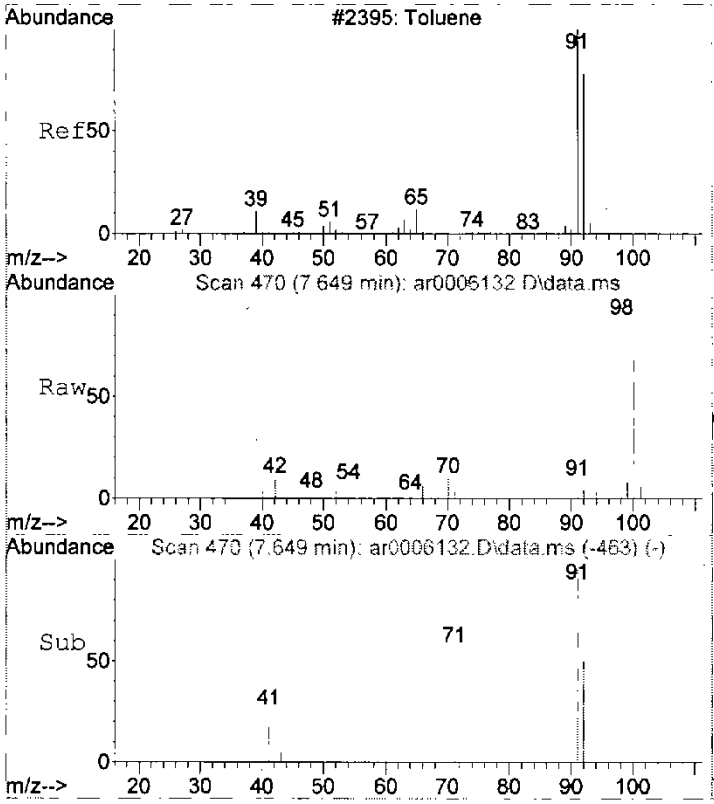
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006132.D
Acq On : 5 Apr 2007 7:49 am
Operator : frz
Sample : 580-5404-A-18-A
Misc : BT=Sea041040407b
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Apr 05 12:11:38 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

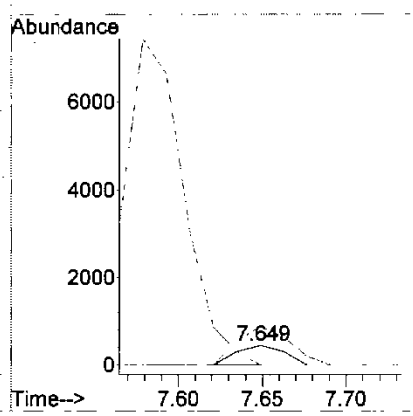


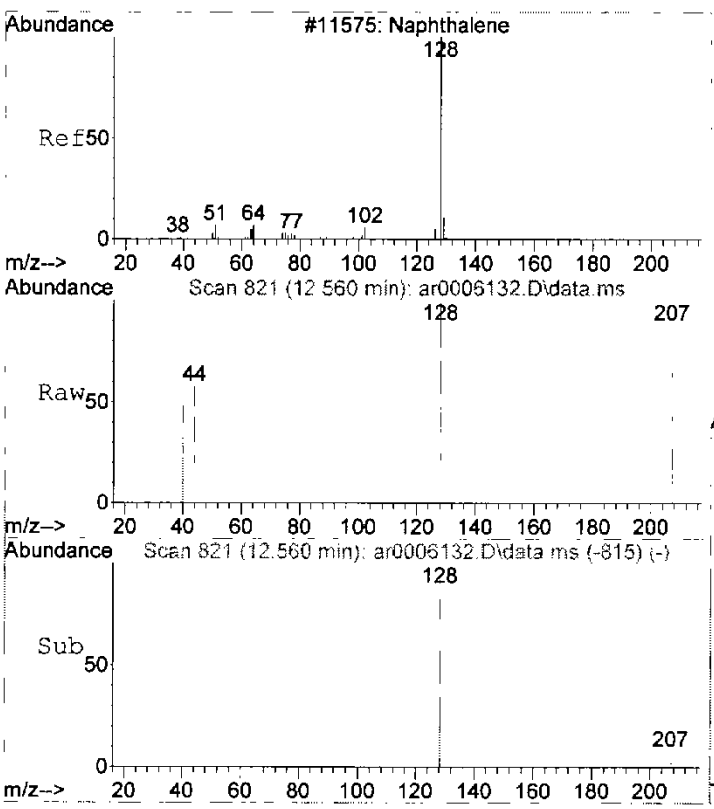


#12
Toluene
Concen: 0.08 ug/L
RT: 7.649 min Scan# 470
Delta R.T. -0.000 min
Lab File: ar0006132.D
Acq: 5 Apr 2007 7:49 am

Tgt Ion: 92 Resp: 888

Ion	Ratio	Lower	Upper
92	100		
91	214.4	136.1	196.1#
62	0.0	0.0	35.3

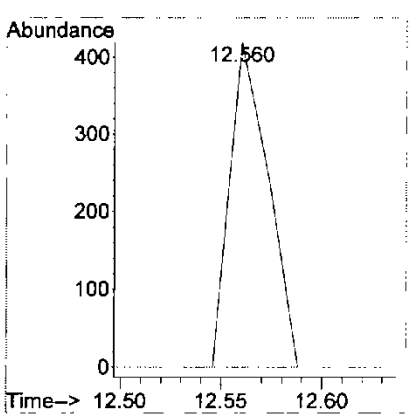




#21
Naphthalene
Concen: 0.22 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006132.D
Acq: 5 Apr 2007 7:49 am

Tgt Ion:128 Resp: 548

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



INITIAL CALIBRATION

Sequence Log

Directory : q:\2\data\03162007

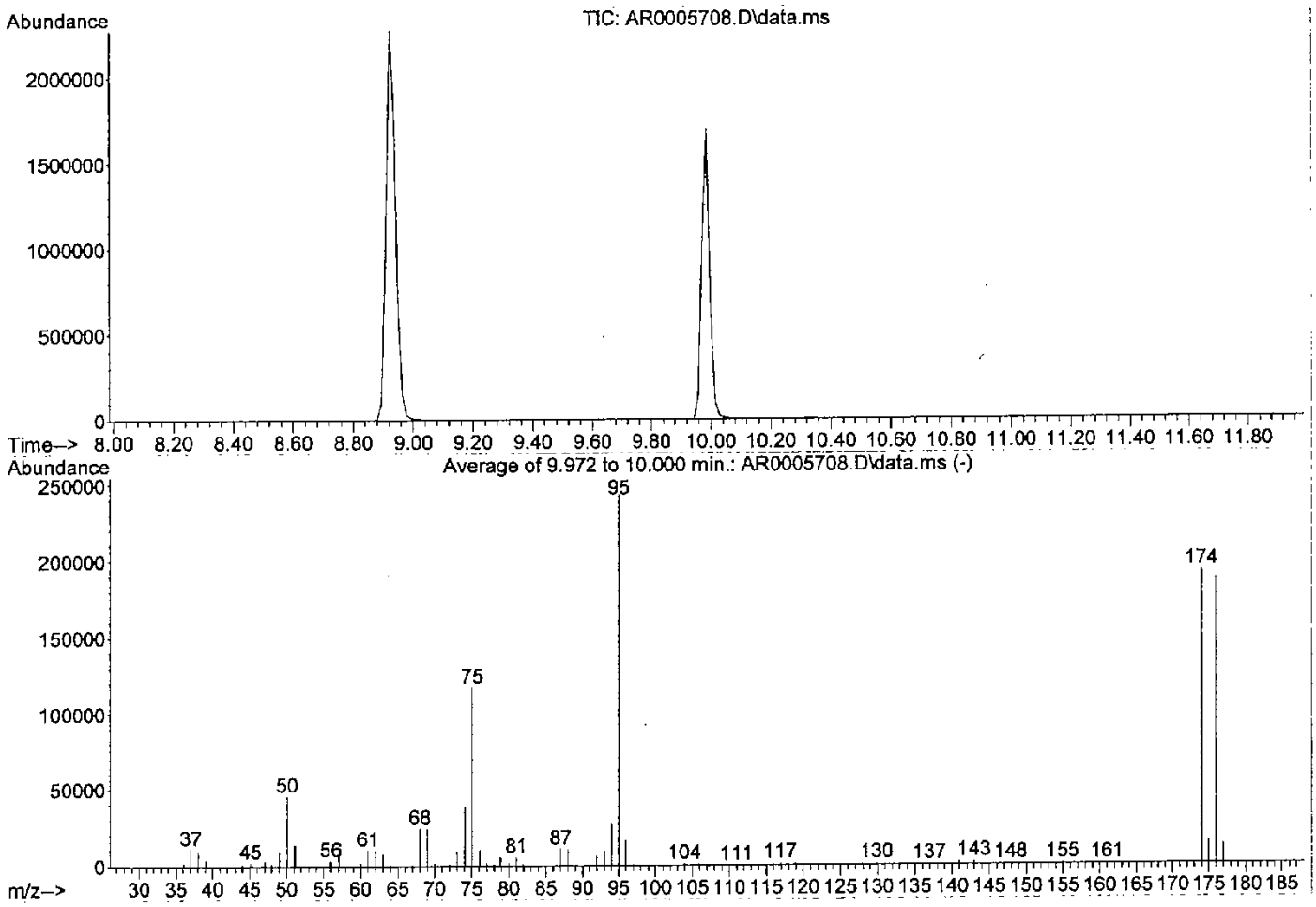
(1) 3/22/2007

#	Filename	Sample Name	Date/Time
1	gx0005707.d	rinse/tune	03/16/07 10:13
2	gx0005708.d	rinse/tune	03/16/07 10:36
3	gx0005709.d	btex ical 0.2	03/16/07 10:58
4	gx0005710.d	btex ical 0.5	03/16/07 11:21
5	gx0005711.d	btex ical 1	03/16/07 11:43
6	gx0005712.d	btex ical 5	03/16/07 12:06
7	gx0005713.d	btex ical 10	03/16/07 12:28
8	gx0005714.d	btex ical 25	03/16/07 12:50
9	gx0005715.d	btex ical 50	03/16/07 13:13
10	gx0005716.d	btex ical 75	03/16/07 13:35
11	gx0005717.d	btex ical 100	03/16/07 13:58
12	gx0005718.d	btex ical 200	03/16/07 14:20
13	gx0005719.d	rinse	03/16/07 14:43
14	gx0005720.d	rinse/tune	03/16/07 15:05
15	gx0005721.d	btex icv 25	03/16/07 15:27
16	gx0005722.d	rt std	03/16/07 15:50
17	gx0005723.d	rinse/tune	03/16/07 16:12
18	gx0005724.d	rinse/tune	03/16/07 16:35
19	gx0005725.d	gro ical 50	03/16/07 16:57
20	gx0005726.d	gro ical 100	03/16/07 17:20
21	gx0005727.d	gro ical 250	03/16/07 17:42
22	gx0005728.d	gro ical 500	03/16/07 18:04
23	gx0005729.d	gro ical 1000	03/16/07 18:27
24	gx0005730.d	gro ical 5000	03/16/07 18:49
25	gx0005731.d	gro ical 10000	03/16/07 19:11
26	gx0005732.d	gro ical 15000	03/16/07 19:34
27	gx0005733.d	gro ical 25000	03/16/07 19:56
28	gx0005734.d	rinse/tune	03/16/07 20:19
29	gx0005735.d	gro icv 1100	03/16/07 20:41
30	gx0005736.d	rinse/tune	03/16/07 21:03

Data Path : E:\1\data\03162007\
Data File : AR0005708.D
Acq On : 16 Mar 2007 11:36 am
Operator : frz
Sample : rinse/tune
Misc : water
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : E:\1\methods\RBCA_03162007.M
Title : SEA041: RBCA plus by 8260B 01-26-2007
Last Update : Fri Mar 16 15:09:56 2007



AutoFind: Scans 636, 637, 638; Background Corrected with Scan 631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	45672	PASS
75	95	30	60	48.2	117168	PASS
95	95	100	100	100.0	242928	PASS
96	95	5	9	6.6	16106	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.0	192021	PASS
175	174	5	9	7.3	13991	PASS
176	174	95	101	97.6	187336	PASS
177	176	5	9	6.5	12198	PASS

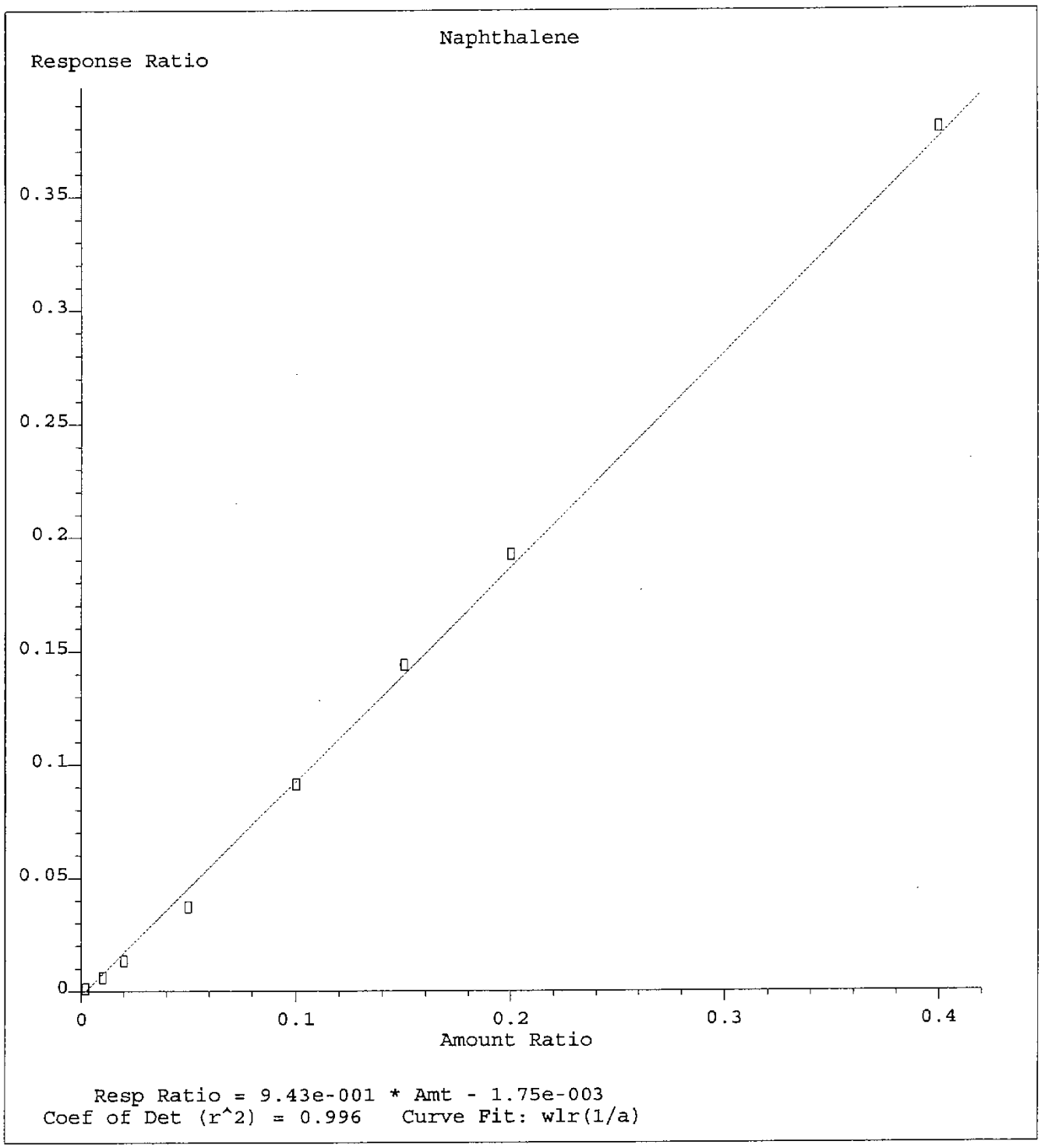
Method Path : E:\1\methods\
Method File : RBCA_03162007.M
Title : SEA041: RBCA plus by 8260B 01-26-2007
Last Update : Fri Mar 16 15:09:56 2007
Response Via : Initial Calibration

Calibration Files
.2 =AR0005709.D .5 =AR0005710.D 1.0 =AR0005711.D 5.0 =AR0005712.D 10 =AR0005713.D 25 =AR0005714.D
50 =AR0005715.D 75 =AR0005716.D 100 =AR0005717.D 200 =AR0005718.D

		Compound	.2	.5	1.0	5.0	10	25	50	75	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzen...	ISTD											
2)	S	Fluorobenzene ...		1.183	1.118	1.127	1.114	1.140	1.141	1.139	1.146		1.138	1.87
3)	S	Trifluorotolue...		0.539	0.503	0.513	0.511	0.521	0.541	0.558	0.563		0.531	4.25
4)	S	Toluene-d8 (Surr)		1.147	1.082	1.101	1.090	1.135	1.142	1.166	1.180		1.130	3.16
5)	S	Ethylbenzene-d...		1.396	1.344	1.399	1.381	1.429	1.443	1.463	1.462		1.415	2.96
6)	S	4-Bromofluorob...		0.303	0.295	0.316	0.323	0.337	0.355	0.363	0.380		0.334	9.01
7)	mt	MTBE	0.790	0.899	0.881	0.813	0.813	0.806	0.722	0.551			0.784	13.87
8)	T	Hexane		0.088	0.124	0.133	0.136	0.140	0.143	0.146	0.139	0.133	0.131	13.31
9)		Cyclohexane	0.302	0.343	0.369	0.351	0.357	0.371	0.381	0.390	0.328		0.355	7.76
10)	mt	Benzene	1.053	1.189	1.144	1.068	1.095	1.118	1.152	1.154	1.140	1.096	1.121	3.80
11)	mt	1,2-Dichloroet...	0.349	0.420	0.410	0.287	0.202	0.111					0.296	41.15
12)	mt	Toluene	0.574	0.734	0.745	0.725	0.732	0.758	0.794	0.810	0.808	0.775	0.745	9.10
13)		1,2-Dibromoethane		0.217	0.222	0.236	0.252	0.259	0.275	0.284	0.284	0.287	0.257	10.66
14)	mt	Ethylbenzene	1.137	1.371	1.436	1.405	1.432	1.477	1.522	1.543	1.537	1.502	1.436	8.36
15)	mt	m&p-Xylene	0.357	0.494	0.492	0.507	0.524	0.549	0.592	0.612	0.611	0.579	0.532	14.49
16)	mt	o-Xylene	0.812	0.961	0.979	1.040	1.082	1.131	1.196	1.218	1.212	1.183	1.081	12.37
17)		Isopropylbenzene		0.926	0.982	1.086	1.144	1.193	1.290	1.310	1.304	1.314	1.172	12.64
18)		n-propylbenzene	0.969	1.339	1.327	1.393	1.446	1.508	1.609	1.645	1.640	1.590	1.447	14.29
19)		1,3,5-Trimethy...		0.834	0.830	0.955	0.989	1.036	1.123	1.133	1.147	1.148	1.021	12.57
20)		1,2,4-Trimethy...		0.794	0.822	0.931	0.996	1.042	1.150	1.159	1.169	1.171	1.026	14.62
21)	mt	Naphthalene			0.528	0.611	0.666	0.745	0.912	0.959	0.961	0.950	0.791	22.22

(#) = Out of Range

1,2-DCE not valid qualitative use only
J 4/2/2007



Method Name: E:\1\methods\RBCA_03162007.M
Calibration Table Last Updated: Fri Mar 16 15:09:56 2007

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005709.D
Acq On : 16 Mar 2007 11:58 am
Operator : frz
Sample : btex ical 0.2
Misc : 1369-56-01
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 02 10:53:10 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

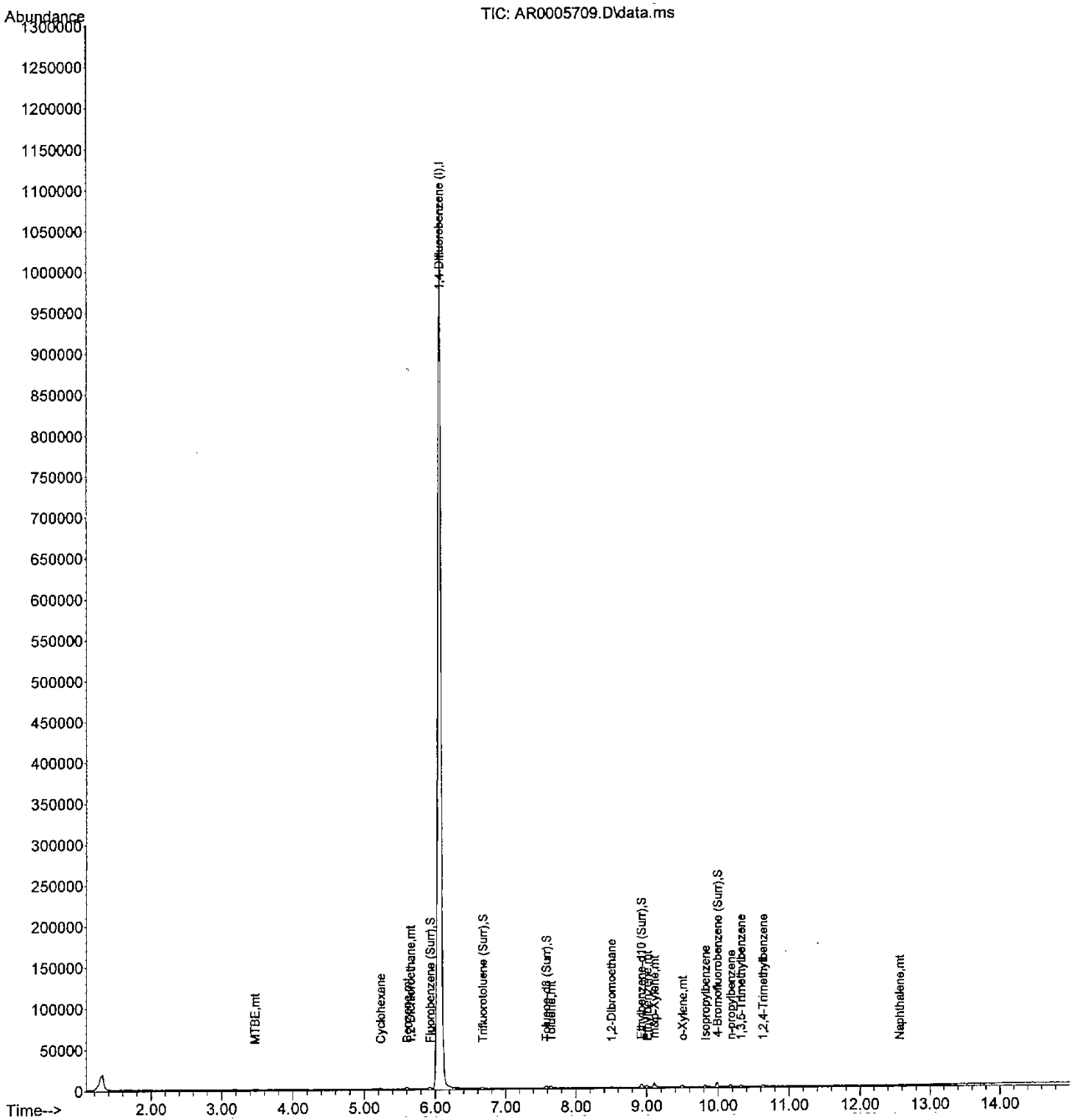
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1579774	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	3704	0.21	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	1393	0.17	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	0.17%#		
4) Toluene-d8 (Surr)	7.579	98	3694	0.21	ug/L	0.00
Spiked Amount 100.000			Recovery =	0.21%		
5) Ethylbenzene-d10 (Surr)	8.922	98	5647	0.25	ug/L	-0.01
Spiked Amount 100.000			Recovery =	0.25%		
6) 4-Bromofluorobenzene (...	9.986	174	2333	0.44	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	0.44%#		
Target Compounds						Qvalue
7) MTBE	3.465	73	2495	0.20	ug/L #	100
9) Cyclohexane	5.228	56	955	0.17	ug/L #	66
10) Benzene	5.606	78	3328	0.19	ug/L #	70
11) 1,2-Dichloroethane	5.648	62	1102	0.24	ug/L #	41
12) Toluene	7.649	92	1815	0.15	ug/L #	90
13) 1,2-Dibromoethane	8.502	107	310	0.08	ug/L #	47
14) Ethylbenzene	9.006	91	3593	0.16	ug/L #	76
15) m&p-Xylene	9.104	106	2253	0.27	ug/L	75
16) o-Xylene	9.496	91	2565	0.15	ug/L #	82
17) Isopropylbenzene	9.818	105	2533	0.14	ug/L #	84
18) n-propylbenzene	10.181	91	3061	0.13	ug/L #	88
19) 1,3,5-Trimethylbenzene	10.321	105	1862	0.12	ug/L #	94
20) 1,2,4-Trimethylbenzene	10.629	105	1960	0.12	ug/L #	85
21) Naphthalene	12.560	128	217	0.20	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005709.D
Acq On : 16 Mar 2007 11:58 am
Operator : frz
Sample : btex ical 0.2
Misc : 1369-56-01
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 02 10:53:10 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



0044484

Data Path : E:\1\data\03162007\
Data File : AR0005710.D
Acq On : 16 Mar 2007 12:21 pm
Operator : frz
Sample : btex ical 0.5
Misc : 1369-56-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 10:53:16 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

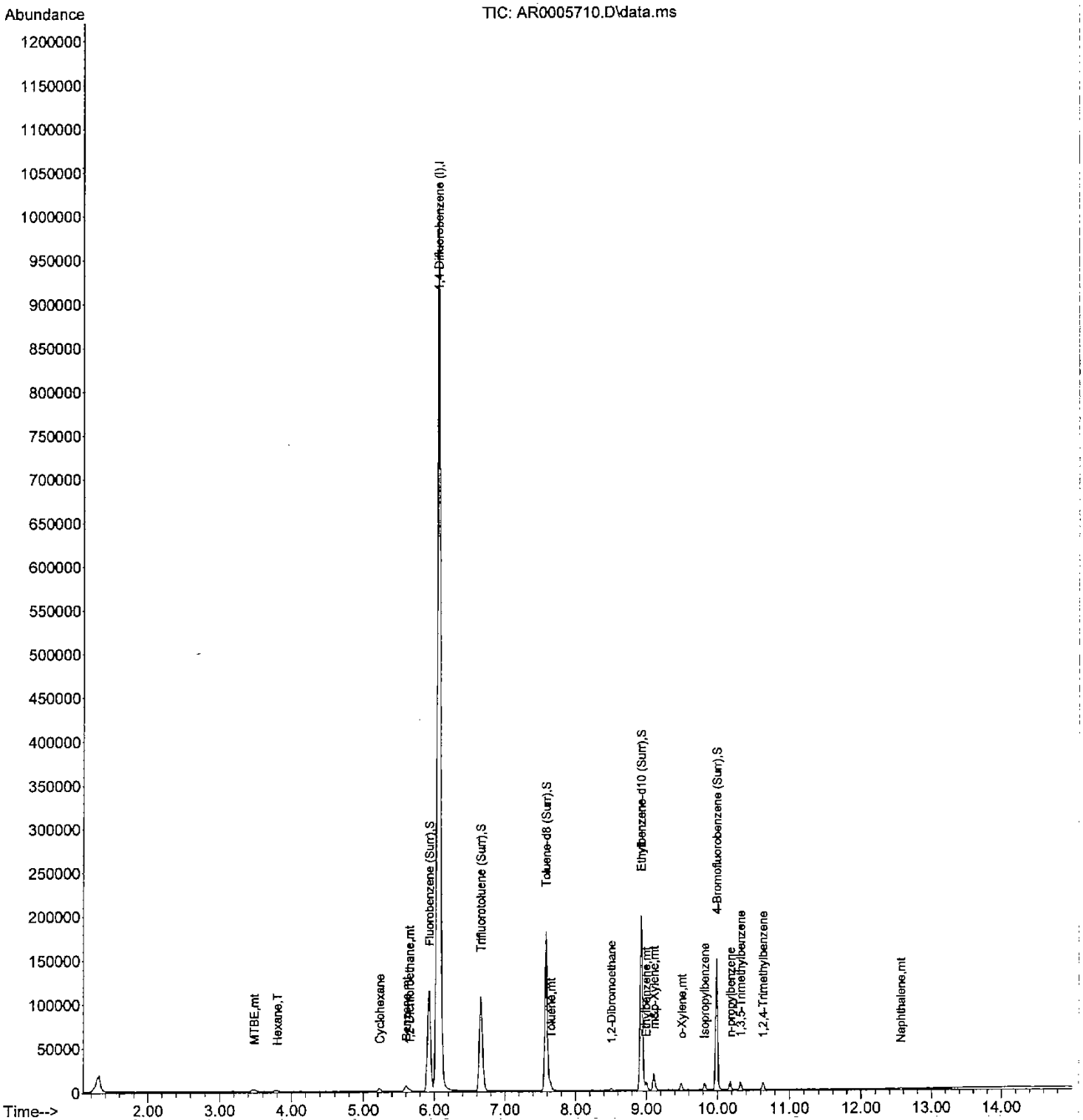
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1467878	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	173628	10.39	ug/L	0.00
3) Trifluorotoluene (Surr)	6.656	146	79118	10.15	ug/L	-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery = 10.15%#			
4) Toluene-d8 (Surr)	7.579	98	168419	10.15	ug/L	0.00
Spiked Amount 100.000			Recovery = 10.15%			
5) Ethylbenzene-d10 (Surr)	8.922	98	204939	9.87	ug/L	-0.01
Spiked Amount 100.000			Recovery = 9.87%			
6) 4-Bromofluorobenzene (...	9.986	174	44449	9.07	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 9.07%#			
Target Compounds						Qvalue
7) MTBE	3.479	73	6598	0.57	ug/L #	100
8) Hexane	3.801	56	646	0.34	ug/L #	57
9) Cyclohexane	5.228	56	2515	0.48	ug/L	97
10) Benzene	5.606	78	8727	0.53	ug/L #	95
11) 1,2-Dichloroethane	5.648	62	3084	0.71	ug/L #	81
12) Toluene	7.649	92	5387	0.49	ug/L	92
13) 1,2-Dibromoethane	8.502	107	1589	0.42	ug/L #	92
14) Ethylbenzene	8.992	91	10061	0.48	ug/L #	92
15) m&p-Xylene	9.104	106	7249	0.93	ug/L	93
16) o-Xylene	9.496	91	7052	0.44	ug/L	93
17) Isopropylbenzene	9.818	105	6799	0.40	ug/L #	94
18) n-propylbenzene	10.181	91	9831	0.46	ug/L #	92
19) 1,3,5-Trimethylbenzene	10.321	105	6119	0.41	ug/L #	89
20) 1,2,4-Trimethylbenzene	10.629	105	5829	0.39	ug/L	93
21) Naphthalene	12.560	128	769	0.24	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005710.D
Acq On : 16 Mar 2007 12:21 pm
Operator : frz
Sample : btex ical 0.5
Misc : 1369-56-02
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 10:53:16 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



0044486

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005711.D
Acq On : 16 Mar 2007 12:43 pm
Operator : frz
Sample : btex ical 1
Misc : 1369-56-03
ALS Vial : 5 Sample Multiplier: 1

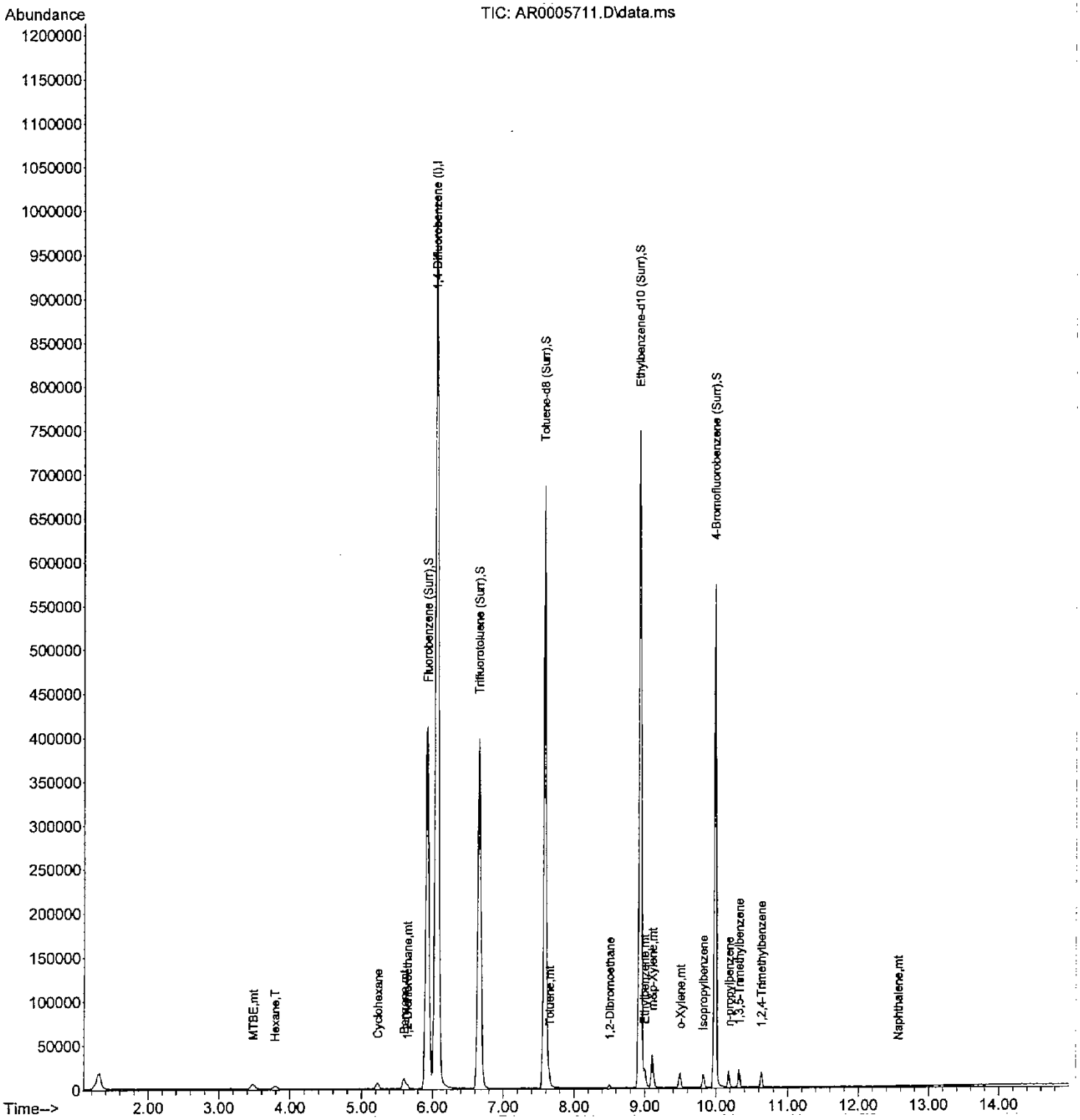
Quant Time: Apr 02 10:53:22 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1433407	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	641277	39.30	ug/L		0.00
3) Trifluorotoluene (Surr)	6.655	146	288133	37.85	ug/L		-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery =	37.85%		#	
4) Toluene-d8 (Surr)	7.579	98	620521	38.30	ug/L		0.00
Spiked Amount 100.000			Recovery =	38.30%			
5) Ethylbenzene-d10 (Surr)	8.922	98	770741	38.01	ug/L		-0.01
Spiked Amount 100.000			Recovery =	38.01%			
6) 4-Bromofluorobenzene (...	9.985	174	168940	35.30	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	35.30%		#	
Target Compounds							Qvalue
7) MTBE	3.479	73	12630	1.12	ug/L	#	100
8) Hexane	3.787	56	1772	0.94	ug/L	#	85
9) Cyclohexane	5.228	56	5291	1.04	ug/L		97
10) Benzene	5.606	78	16392	1.02	ug/L		98
11) 1,2-Dichloroethane	5.648	62	5884	1.38	ug/L	#	75
12) Toluene	7.649	92	10685	1.00	ug/L	#	99
13) 1,2-Dibromoethane	8.502	107	3185	0.86	ug/L	#	94
14) Ethylbenzene	8.992	91	20586	1.00	ug/L	#	92
15) m&p-Xylene	9.104	106	14112	1.85	ug/L		92
16) o-Xylene	9.496	91	14034	0.91	ug/L		94
17) Isopropylbenzene	9.818	105	14083	0.84	ug/L	#	92
18) n-propylbenzene	10.181	91	19016	0.92	ug/L		94
19) 1,3,5-Trimethylbenzene	10.321	105	11894	0.81	ug/L	#	93
20) 1,2,4-Trimethylbenzene	10.629	105	11786	0.80	ug/L	#	93
21) Naphthalene	12.560	128	1513	0.30	ug/L	#	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : E:\1\data\03162007\
Data File : AR0005711.D
Acq On : 16 Mar 2007 12:43 pm
Operator : frz
Sample : btex ical 1
Misc : 1369-56-03
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 10:53:22 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005712.D
Acq On : 16 Mar 2007 1:06 pm
Operator : frz
Sample : btex ical 5
Misc : 1369-56-04
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 10:53:28 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

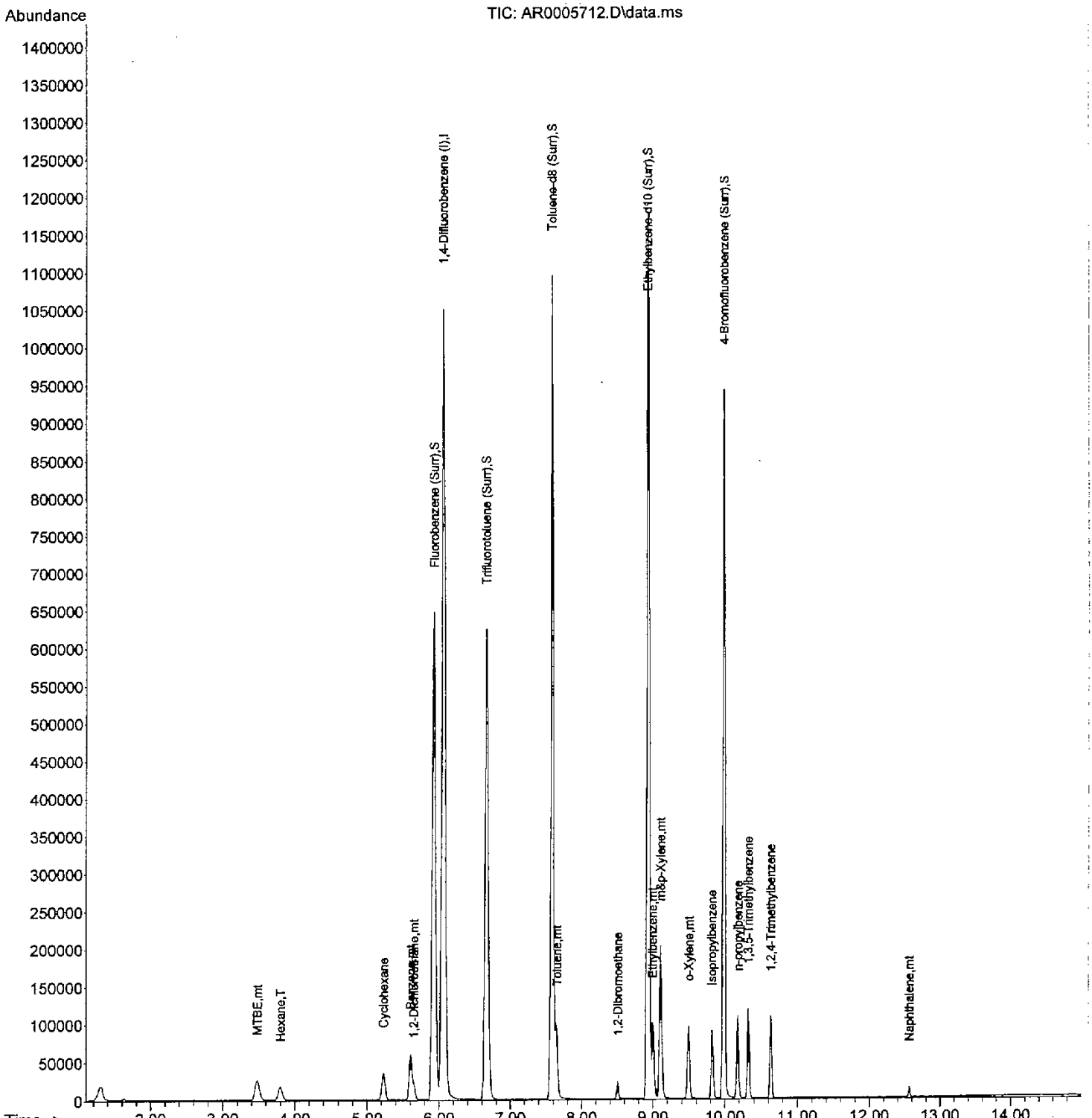
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1462774	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	989185	59.40	ug/L		0.00
3) Trifluorotoluene (Surr)	6.656	146	450365	57.97	ug/L		-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery =	57.97%#			
4) Toluene-d8 (Surr)	7.579	98	966724	58.46	ug/L		0.00
Spiked Amount 100.000			Recovery =	58.46%			
5) Ethylbenzene-d10 (Surr)	8.922	98	1228291	59.36	ug/L		-0.01
Spiked Amount 100.000			Recovery =	59.36%			
6) 4-Bromofluorobenzene (...	9.986	174	277284	56.78	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	56.78%#			
Target Compounds							Qvalue
7) MTBE	3.479	73	59432	5.18	ug/L	#	100
8) Hexane	3.801	56	9763	5.08	ug/L		98
9) Cyclohexane	5.228	56	25679	4.95	ug/L		96
10) Benzene	5.606	78	78088	4.76	ug/L		97
11) 1,2-Dichloroethane	5.648	62	20957	4.83	ug/L	#	99
12) Toluene	7.649	92	53012	4.86	ug/L		98
13) 1,2-Dibromoethane	8.503	107	17263	4.58	ug/L	#	97
14) Ethylbenzene	8.992	91	102744	4.89	ug/L		96
15) m&p-Xylene	9.104	106	74192	9.54	ug/L		95
16) o-Xylene	9.496	91	76060	4.81	ug/L		95
17) Isopropylbenzene	9.818	105	79423	4.63	ug/L	#	93
18) n-propylbenzene	10.182	91	101869	4.81	ug/L		95
19) 1,3,5-Trimethylbenzene	10.321	105	69867	4.68	ug/L	#	92
20) 1,2,4-Trimethylbenzene	10.629	105	68101	4.54	ug/L		94
21) Naphthalene	12.560	128	8935	0.83	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005712.D
Acq On : 16 Mar 2007 1:06 pm
Operator : frz
Sample : btex ical 5
Misc : 1369-56-04
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 10:53:28 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



0044490

Data Path : E:\1\data\03162007\
Data File : AR0005713.D
Acq On : 16 Mar 2007 1:28 pm
Operator : frz
Sample : btex ical 10
Misc : 1369-56-05
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 10:53:34 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

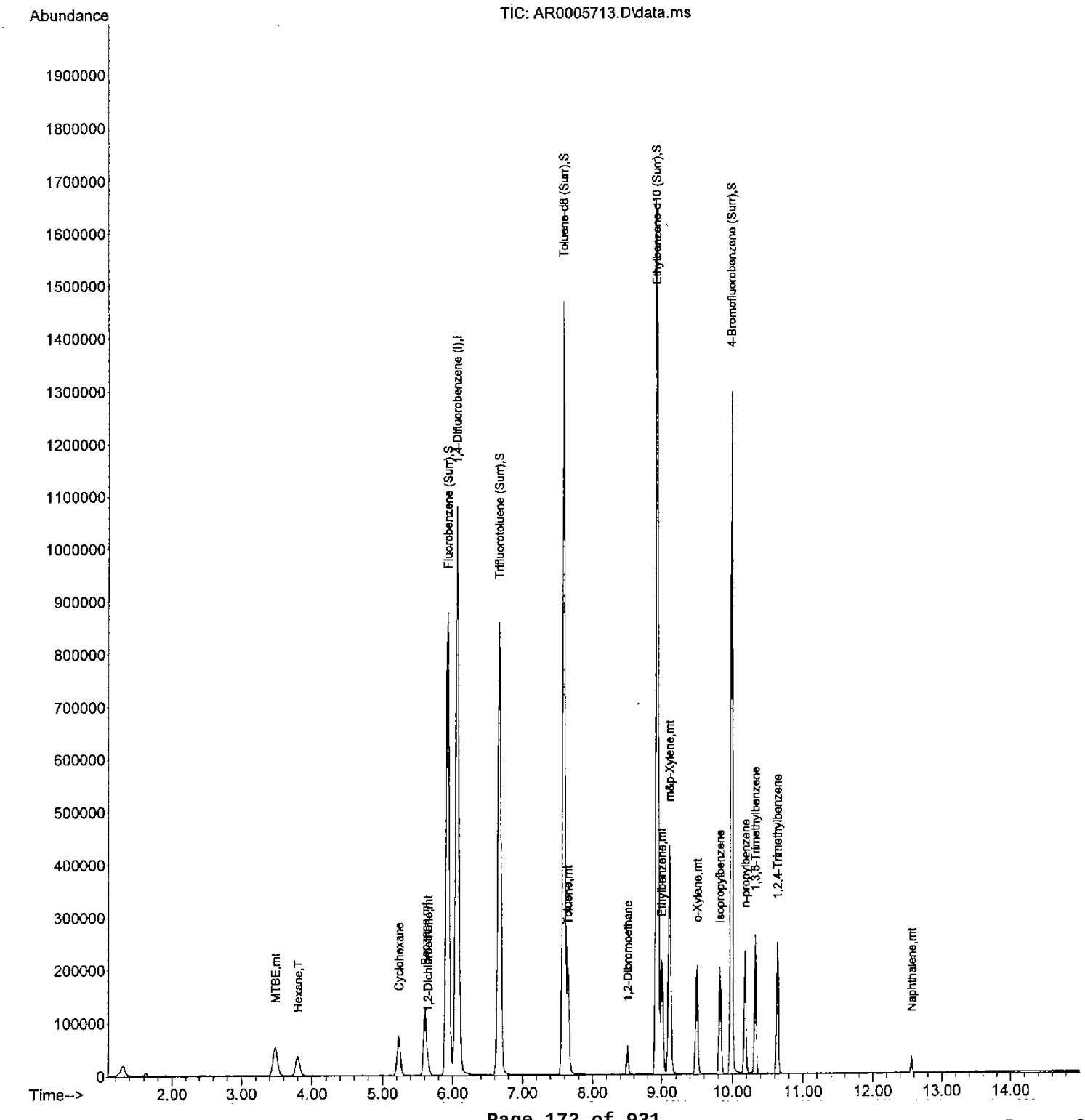
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1526535	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	1360320	78.27	ug/L		0.00
3) Trifluorotoluene (Surr)	6.656	146	623442	76.90	ug/L		-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery = 76.90%#				
4) Toluene-d8 (Surr)	7.579	98	1331052	77.13	ug/L		0.00
Spiked Amount 100.000			Recovery = 77.13%				
5) Ethylbenzene-d10 (Surr)	8.922	98	1686072	78.07	ug/L		-0.01
Spiked Amount 100.000			Recovery = 78.07%				
6) 4-Bromofluorobenzene (...	9.986	174	394652	77.43	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 77.43%#				
Target Compounds							Qvalue
7) MTBE	3.479	73	124044	10.36	ug/L	#	100
8) Hexane	3.801	56	20739	10.34	ug/L		99
9) Cyclohexane	5.228	56	54435	10.05	ug/L		96
10) Benzene	5.606	78	167144	9.77	ug/L		98
11) 1,2-Dichloroethane	5.648	62	30783	6.80	ug/L	#	95
12) Toluene	7.635	92	111725	9.82	ug/L		98
13) 1,2-Dibromoethane	8.502	107	38515	9.80	ug/L	#	99
14) Ethylbenzene	8.992	91	218580	9.97	ug/L		96
15) m&p-Xylene	9.104	106	160057	19.71	ug/L		96
16) o-Xylene	9.496	91	165108	10.00	ug/L		97
17) Isopropylbenzene	9.818	105	174615	9.76	ug/L	#	94
18) n-propylbenzene	10.181	91	220744	10.00	ug/L		96
19) 1,3,5-Trimethylbenzene	10.321	105	150954	9.68	ug/L	#	94
20) 1,2,4-Trimethylbenzene	10.629	105	152009	9.70	ug/L		94
21) Naphthalene	12.560	128	20344	1.60	ug/L	#	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005713.D
Acq On : 16 Mar 2007 1:28 pm
Operator : frz
Sample : btex ical 10
Misc : 1369-56-05
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 10:53:34 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



0044492

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005714.D
Acq On : 16 Mar 2007 1:50 pm
Operator : frz
Sample : btex ical 25
Misc : 1369-56-06
ALS Vial : 8 Sample Multiplier: 1

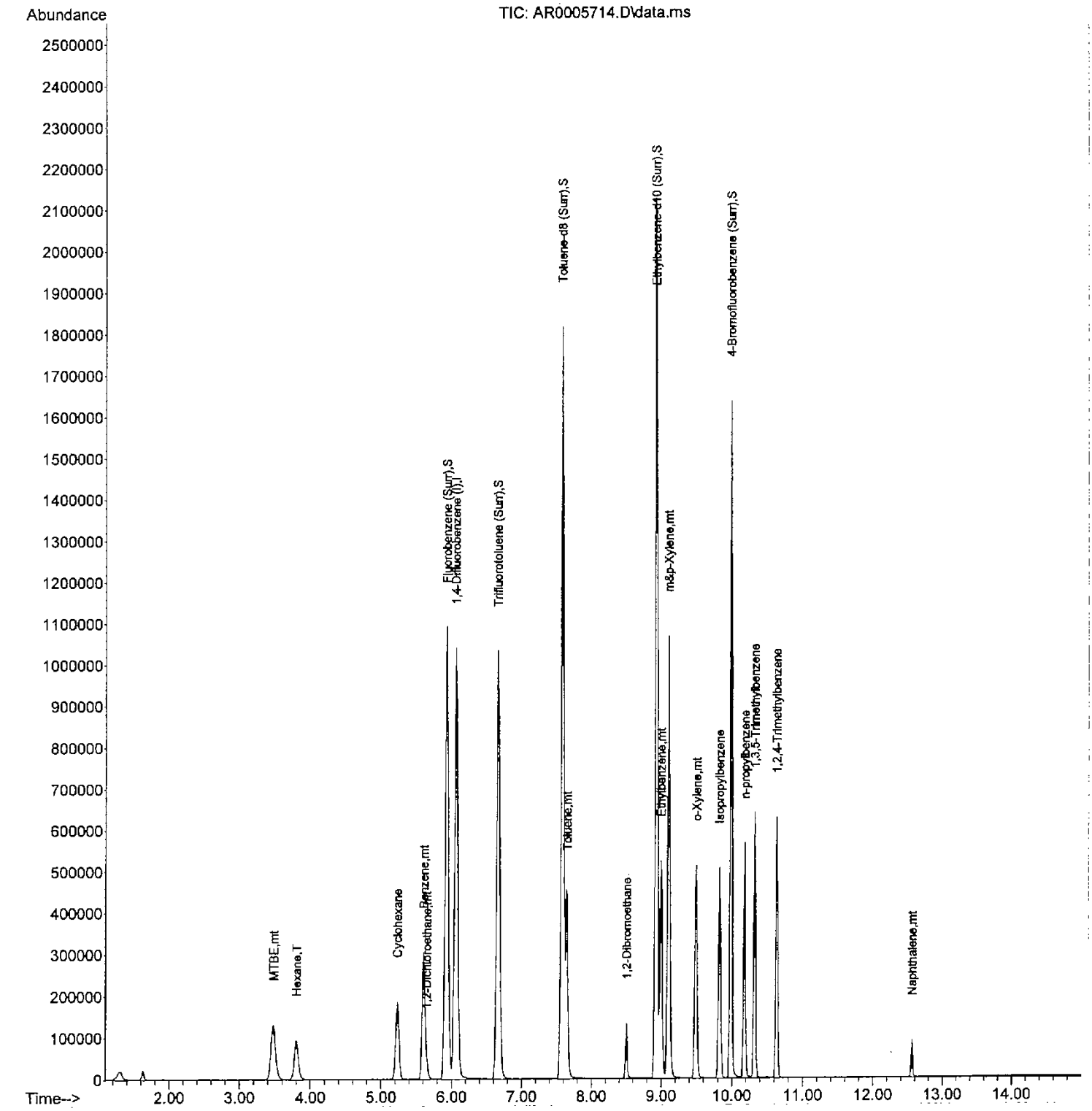
Quant Time: Apr 02 10:53:40 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1462074	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	1666754	100.13	ug/L		0.00
3) Trifluorotoluene (Surr)	6.655	146	762248	98.17	ug/L		-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery = 98.17%				
4) Toluene-d8 (Surr)	7.579	98	1658772	100.36	ug/L		0.00
Spiked Amount 100.000			Recovery = 100.36%				
5) Ethylbenzene-d10 (Surr)	8.922	98	2089357	101.01	ug/L		-0.01
Spiked Amount 100.000			Recovery = 101.01%				
6) 4-Bromofluorobenzene (...	9.986	174	492249	100.84	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 100.84%				
Target Compounds							Qvalue
7) MTBE	3.479	73	294547	25.69	ug/L	#	100
8) Hexane	3.801	56	51267	26.70	ug/L		98
9) Cyclohexane	5.228	56	135785	26.19	ug/L		97
10) Benzene	5.606	78	408744	24.94	ug/L		98
11) 1,2-Dichloroethane	5.648	62	40673	9.38	ug/L	#	80
12) Toluene	7.649	92	276965	25.41	ug/L		100
13) 1,2-Dibromoethane	8.502	107	94753	25.17	ug/L	#	97
14) Ethylbenzene	8.992	91	539698	25.70	ug/L		96
15) m&p-Xylene	9.104	106	401582	51.64	ug/L		97
16) o-Xylene	9.496	91	413417	26.15	ug/L		97
17) Isopropylbenzene	9.818	105	435997	25.44	ug/L	#	94
18) n-propylbenzene	10.181	91	551286	26.07	ug/L		96
19) 1,3,5-Trimethylbenzene	10.321	105	378525	25.35	ug/L	#	94
20) 1,2,4-Trimethylbenzene	10.629	105	380787	25.38	ug/L		96
21) Naphthalene	12.560	128	54436	4.13	ug/L	#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : E:\1\data\03162007\
Data File : AR0005714.D
Acq On : 16 Mar 2007 1:50 pm
Operator : frz
Sample : btex ical 25
Misc : 1369-56-06
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 10:53:40 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005715.D
Acq On : 16 Mar 2007 2:13 pm
Operator : frz
Sample : btex ical 50
Misc : 1369-56-07
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 02 10:53:47 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

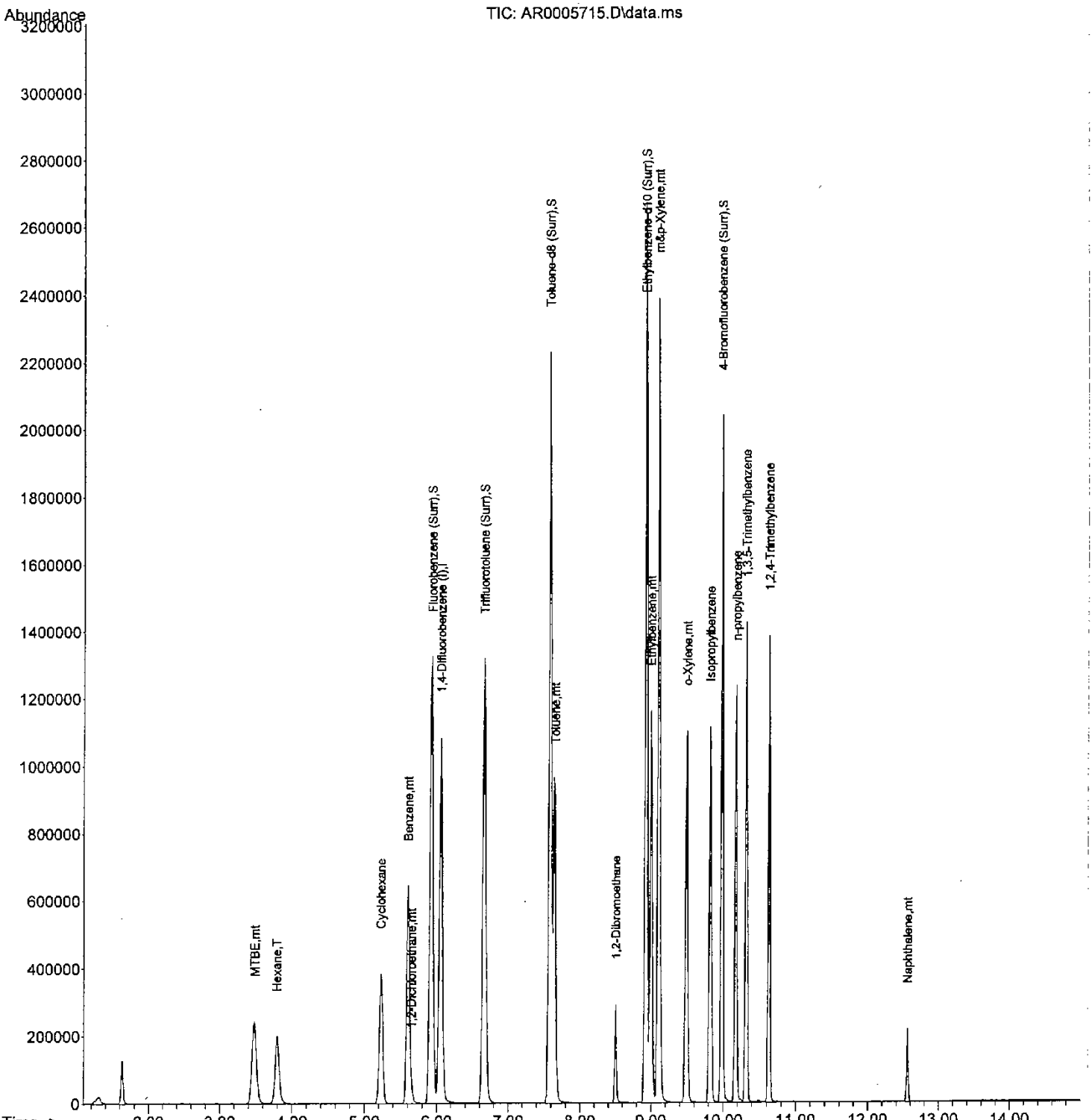
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1493832	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	2044678	120.23	ug/L		0.00
3) Trifluorotoluene (Surr)	6.656	146	969587	122.22	ug/L		-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery =	122.22%		#	
4) Toluene-d8 (Surr)	7.579	98	2047225	121.23	ug/L		0.00
Spiked Amount 100.000			Recovery =	121.23%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2586043	122.37	ug/L		-0.01
Spiked Amount 100.000			Recovery =	122.37%			
6) 4-Bromofluorobenzene (...	9.986	174	636911	127.70	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	127.70%			
Target Compounds							Qvalue
7) MTBE	3.479	73	539155	46.02	ug/L	#	100
8) Hexane	3.787	56	106927	54.50	ug/L		99
9) Cyclohexane	5.228	56	284471	53.70	ug/L		97
10) Benzene	5.606	78	860168	51.37	ug/L		99
11) 1,2-Dichloroethane	5.648	62	40541	9.15	ug/L	#	42
12) Toluene	7.649	92	593304	53.28	ug/L		99
13) 1,2-Dibromoethane	8.503	107	205736	53.50	ug/L	#	98
14) Ethylbenzene	8.992	91	1137169	53.00	ug/L		97
15) m&p-Xylene	9.104	106	884889	111.37	ug/L		99
16) o-Xylene	9.496	91	893330	55.30	ug/L		98
17) Isopropylbenzene	9.818	105	963833	55.04	ug/L	#	95
18) n-propylbenzene	10.182	91	1201901	55.62	ug/L		97
19) 1,3,5-Trimethylbenzene	10.321	105	838513	54.95	ug/L		96
20) 1,2,4-Trimethylbenzene	10.629	105	858804	56.03	ug/L		96
21) Naphthalene	12.560	128	136272	9.86	ug/L	#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005715.D
Acq On : 16 Mar 2007 2:13 pm
Operator : frz
Sample : btex ical 50
Misc : 1369-56-07
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 02 10:53:47 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



0044496

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005716.D
Acq On : 16 Mar 2007 2:35 pm
Operator : frz
Sample : btex ical 75
Misc : 1369-56-08
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 10:53:53 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

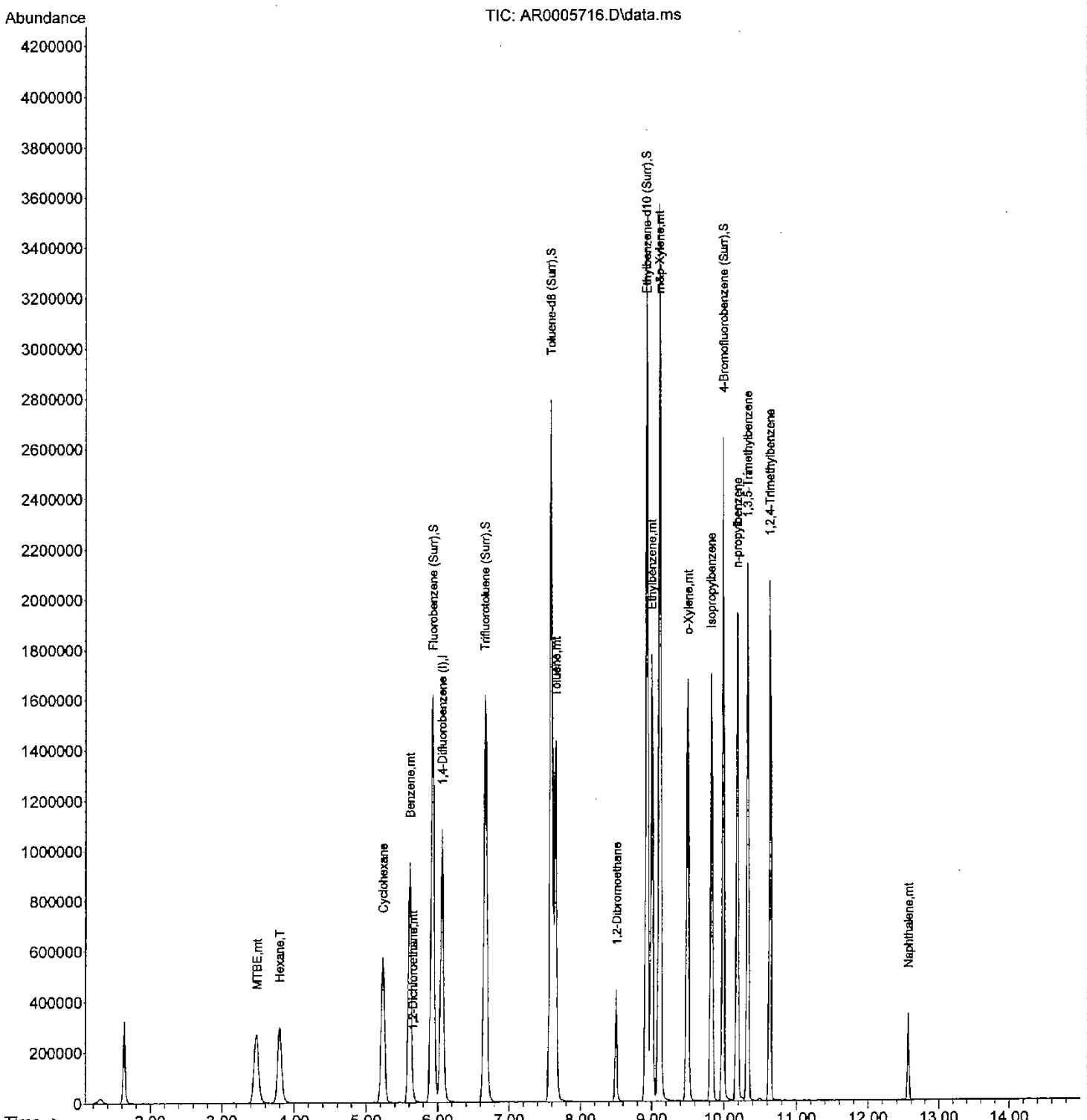
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1479291	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	2526656	150.03	ug/L		0.00
3) Trifluorotoluene (Surr)	6.656	146	1239097	157.72	ug/L		-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery = 157.72%#				
4) Toluene-d8 (Surr)	7.579	98	2587736	154.75	ug/L		0.00
Spiked Amount 100.000			Recovery = 154.75%				
5) Ethylbenzene-d10 (Surr)	8.922	98	3246920	155.15	ug/L		-0.01
Spiked Amount 100.000			Recovery = 155.15%				
6) 4-Bromofluorobenzene (...	9.986	174	805201	163.03	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 163.03%#				
Target Compounds							Qvalue
7) MTBE	3.479	73	611492	52.71	ug/L	#	100
8) Hexane	3.787	56	161780	83.28	ug/L		99
9) Cyclohexane	5.228	56	432650	82.47	ug/L		97
10) Benzene	5.606	78	1280658	77.24	ug/L		99
11) 1,2-Dichloroethane	5.648	62	34966	7.97	ug/L	#	1
12) Toluene	7.649	92	898809	81.50	ug/L		100
13) 1,2-Dibromoethane	8.503	107	315319	82.80	ug/L	#	98
14) Ethylbenzene	8.992	91	1712279	80.59	ug/L		97
15) m&p-Xylene	9.104	106	1358854	172.70	ug/L		99
16) o-Xylene	9.496	91	1350972	84.46	ug/L		98
17) Isopropylbenzene	9.818	105	1453549	83.83	ug/L	#	96
18) n-propylbenzene	10.182	91	1825038	85.29	ug/L		97
19) 1,3,5-Trimethylbenzene	10.321	105	1256700	83.17	ug/L		96
20) 1,2,4-Trimethylbenzene	10.629	105	1286337	84.75	ug/L		97
21) Naphthalene	12.560	128	212779	15.44	ug/L	#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005716.D
Acq On : 16 Mar 2007 2:35 pm
Operator : frz
Sample : btex ical 75
Misc : 1369-56-08
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 10:53:53 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005717.D
Acq On : 16 Mar 2007 2:58 pm
Operator : frz
Sample : btex ical 100
Misc : 1369-56-09
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 02 10:54:00 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

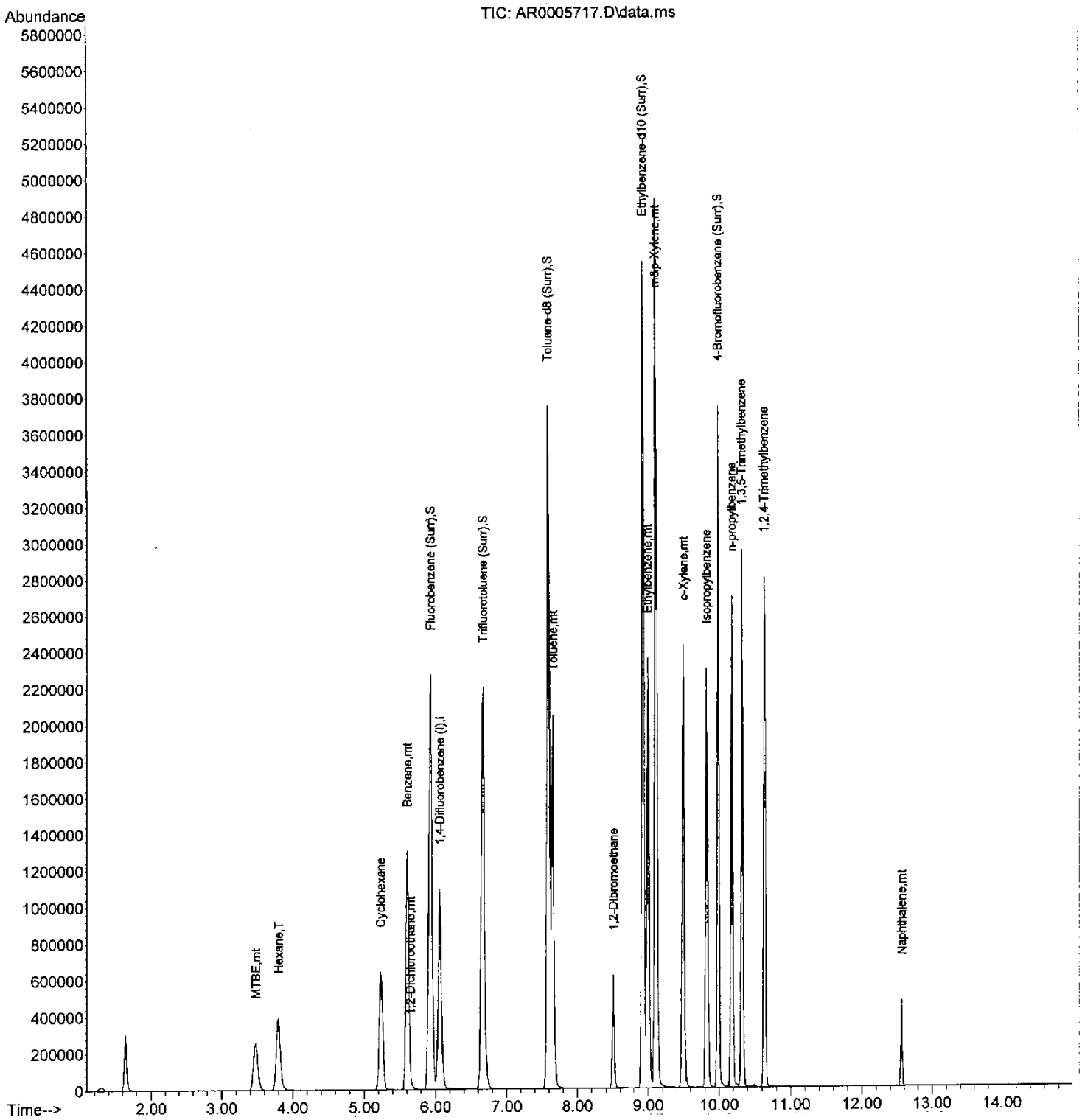
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1528749	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	3504506	201.36	ug/L		0.00
3) Trifluorotoluene (Surr)	6.669	146	1720617	211.93	ug/L		0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	211.93%#			
4) Toluene-d8 (Surr)	7.579	98	3606665	208.70	ug/L		0.00
Spiked Amount 100.000			Recovery =	208.70%			
5) Ethylbenzene-d10 (Surr)	8.922	98	4470610	206.71	ug/L		-0.01
Spiked Amount 100.000			Recovery =	206.71%			
6) 4-Bromofluorobenzene (...	9.986	174	1160564	227.38	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	227.38%#			
Target Compounds							Qvalue
7) MTBE	3.479	73	574990	47.96	ug/L	#	100
8) Hexane	3.801	56	211762	105.48	ug/L		98
9) Cyclohexane	5.228	56	501148	92.43	ug/L		97
10) Benzene	5.606	78	1742807	101.71	ug/L		100
11) 1,2-Dichloroethane	5.648	62	35954	7.93	ug/L	#	1
12) Toluene	7.649	92	1234605	108.33	ug/L		100
13) 1,2-Dibromoethane	8.502	107	434722	110.46	ug/L	#	97
14) Ethylbenzene	8.992	91	2349326	107.00	ug/L		98
15) m&p-Xylene	9.104	106	1868988	229.86	ug/L		97
16) o-Xylene	9.496	91	1852536	112.07	ug/L		99
17) Isopropylbenzene	9.818	105	1992733	111.20	ug/L	#	96
18) n-propylbenzene	10.181	91	2506446	113.34	ug/L		98
19) 1,3,5-Trimethylbenzene	10.321	105	1753339	112.28	ug/L		96
20) 1,2,4-Trimethylbenzene	10.629	105	1787750	113.97	ug/L		98
21) Naphthalene	12.560	128	293890	20.57	ug/L	#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005717.D
Acq On : 16 Mar 2007 2:58 pm
Operator : frz
Sample : btex ical 100
Misc : 1369-56-09
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 02 10:54:00 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



004500

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005718.D
Acq On : 16 Mar 2007 3:20 pm
Operator : frz
Sample : btex ical 200
Misc : 1369-56-10
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 02 10:54:06 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

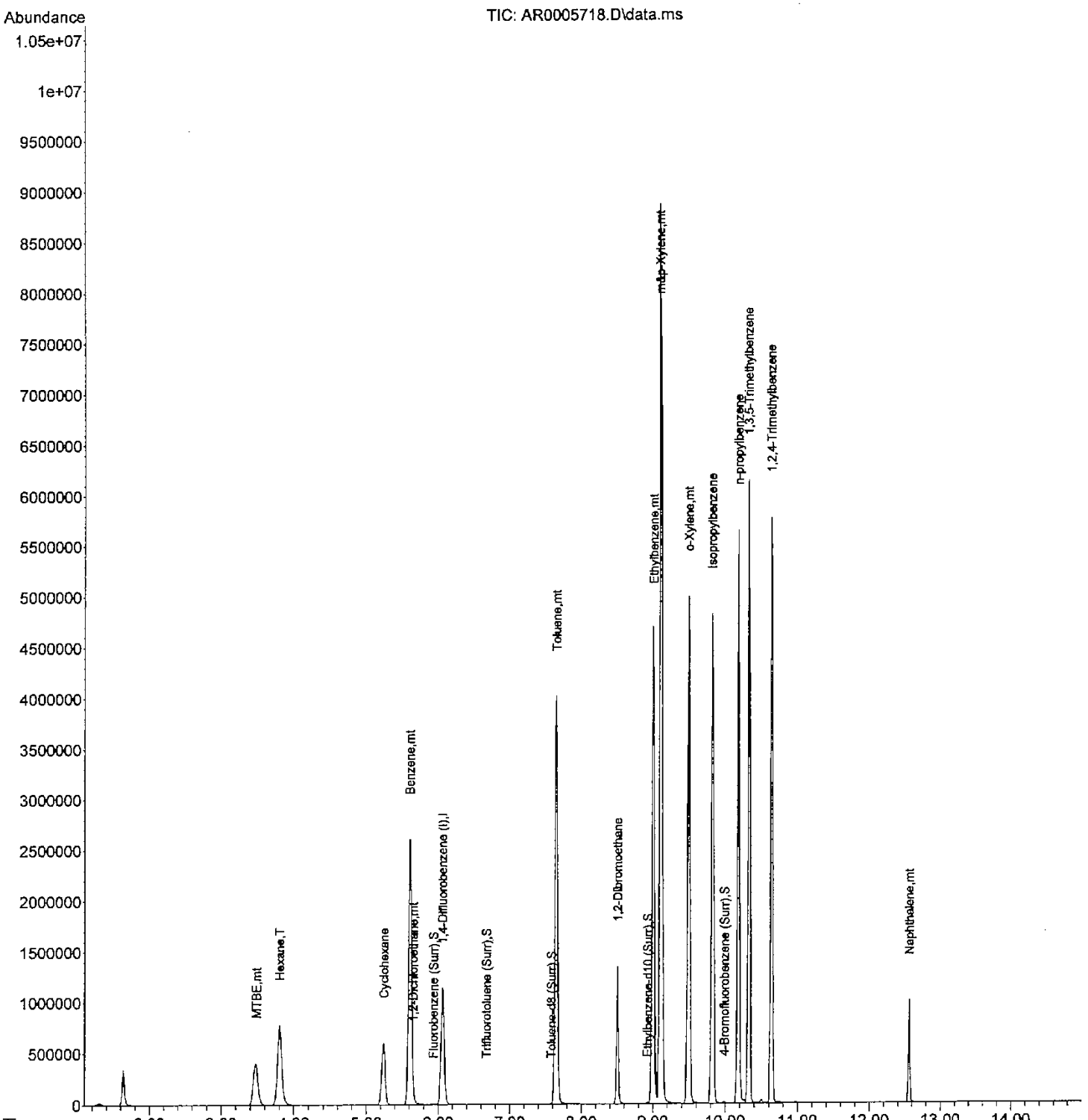
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1658908	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	6478	0.34	ug/L		0.00
3) Trifluorotoluene (Surr)	6.669	146	4248	0.48	ug/L		0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	0.48%#			
4) Toluene-d8 (Surr)	7.579	98	5622	0.30	ug/L		0.00
Spiked Amount 100.000			Recovery =	0.30%			
5) Ethylbenzene-d10 (Surr)	8.922	98	10505	0.45	ug/L		-0.01
Spiked Amount 100.000			Recovery =	0.45%			
6) 4-Bromofluorobenzene (...	9.985	174	3970	0.72	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	0.72%#			
Target Compounds							Qvalue
7) MTBE	3.479	73	941729	72.39	ug/L	#	100
8) Hexane	3.801	56	441937	202.86	ug/L		98
9) Cyclohexane	5.242	56	473649	80.51	ug/L		96
10) Benzene	5.606	78	3636100	195.55	ug/L		99
11) 1,2-Dichloroethane	5.648	62	64077	13.03	ug/L	#	1
12) Toluene	7.649	92	2569669	207.79	ug/L		99
13) 1,2-Dibromoethane	8.502	107	951224	222.73	ug/L		97
14) Ethylbenzene	9.006	91	4984663	209.21	ug/L		100
15) m&p-Xylene	9.104	106	3844425	435.71	ug/L		95
16) o-Xylene	9.496	91	3925751	218.85	ug/L		99
17) Isopropylbenzene	9.818	105	4360381	224.23	ug/L		98
18) n-propylbenzene	10.181	91	5274402	219.80	ug/L		99
19) 1,3,5-Trimethylbenzene	10.321	105	3807515	224.70	ug/L		99
20) 1,2,4-Trimethylbenzene	10.629	105	3885106	228.24	ug/L		100
21) Naphthalene	12.560	128	630077	40.47	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005718.D
Acq On : 16 Mar 2007 3:20 pm
Operator : frz
Sample : btex ical 200
Misc : 1369-56-10
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 02 10:54:06 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



004502

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03162007\
Data File : AR0005721.D
Acq On : 16 Mar 2007 4:27 pm
Operator : frz
Sample : btex icv 25
Misc : 1369-56-11
ALS Vial : 15 Sample Multiplier: 1

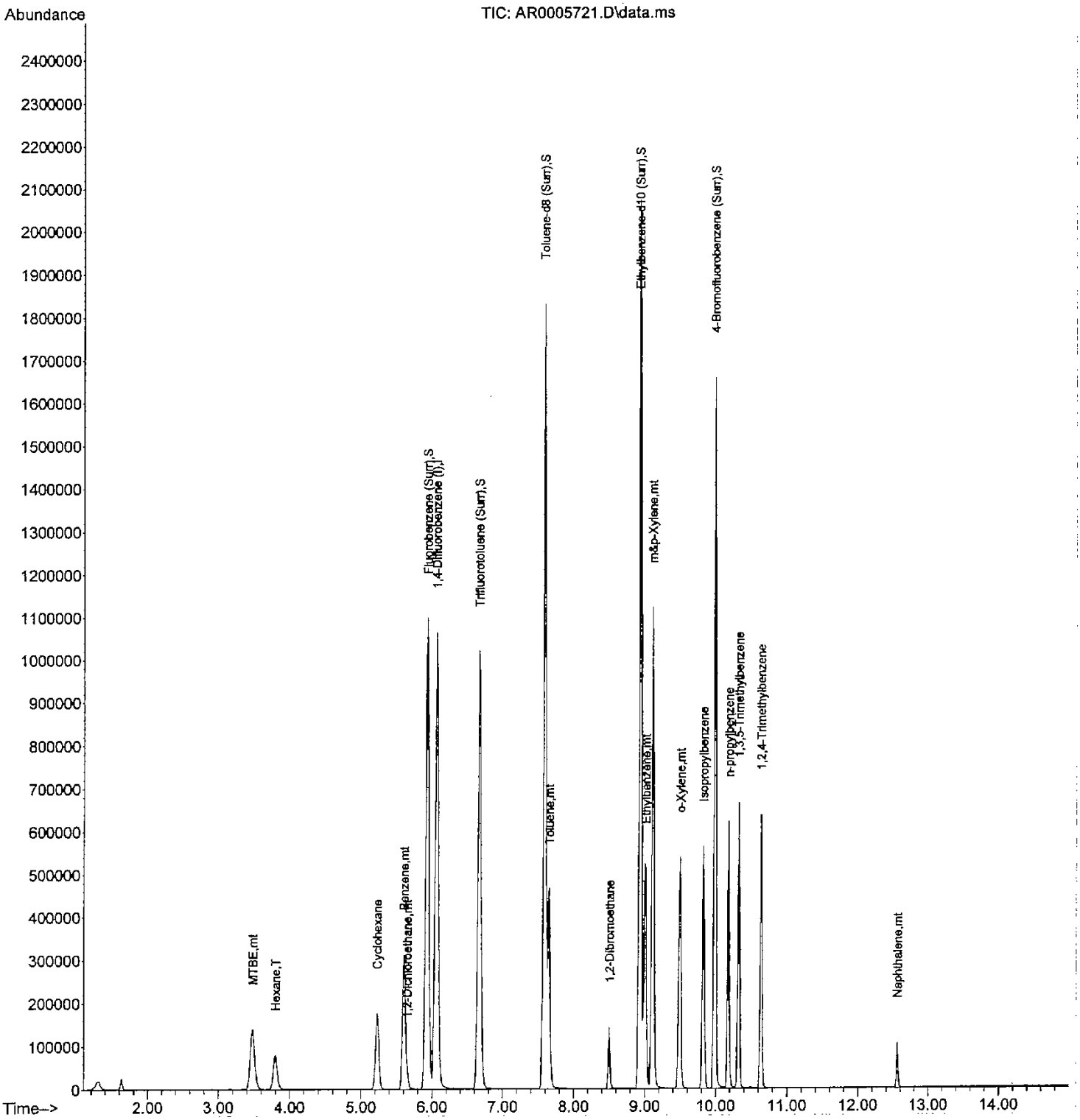
Quant Time: Apr 02 10:54:14 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1495112	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	1691995	99.40	ug/L		0.00
3) Trifluorotoluene (Surr)	6.656	146	763434	96.15	ug/L		-0.01
Spiked Amount 100.000	Range 82 - 120		Recovery =	96.15%			
4) Toluene-d8 (Surr)	7.579	98	1675825	99.15	ug/L		0.00
Spiked Amount 100.000			Recovery =	99.15%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2112159	99.86	ug/L		-0.01
Spiked Amount 100.000			Recovery =	99.86%			
6) 4-Bromofluorobenzene (...	9.986	174	497768	99.72	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	99.72%			
Target Compounds							Qvalue
7) MTBE	3.479	73	310992	26.52	ug/L	#	100
8) Hexane	3.801	56	42956	21.88	ug/L		98
9) Cyclohexane	5.228	56	128669	24.27	ug/L		97
10) Benzene	5.606	78	418074	24.95	ug/L		99
11) 1,2-Dichloroethane	5.648	62	39111	8.82	ug/L	#	75
12) Toluene	7.649	92	283675	25.45	ug/L		98
13) 1,2-Dibromoethane	8.502	107	102264	26.57	ug/L	#	97
14) Ethylbenzene	9.006	91	553266	25.77	ug/L		97
15) m&p-Xylene	9.104	106	414796	52.16	ug/L		98
16) o-Xylene	9.496	91	426929	26.41	ug/L		97
17) Isopropylbenzene	9.818	105	480939	27.44	ug/L	#	95
18) n-propylbenzene	10.181	91	579936	26.81	ug/L		96
19) 1,3,5-Trimethylbenzene	10.321	105	392872	25.73	ug/L		94
20) 1,2,4-Trimethylbenzene	10.629	105	392857	25.61	ug/L		96
21) Naphthalene	12.560	128	64027	4.73	ug/L	#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : E:\1\data\03162007\
Data File : AR0005721.D
Acq On : 16 Mar 2007 4:27 pm
Operator : frz
Sample : btex icv 25
Misc : 1369-56-11
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 02 10:54:14 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



Data Path : E:\1\data\03162007\
Data File : AR0005721.D
Acq On : 16 Mar 2007 4:27 pm
Operator : frz
Sample : btex icv 25
Misc : 1369-56-11
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 02 10:54:14 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Difluorobenzene (I)	100.000	100.000	0.0	102	-0.01
2	S	Fluorobenzene (Surr)	100.000	99.404	0.6	102	0.00
3	S	Trifluorotoluene (Surr)	100.000	96.149	3.9	100	-0.01
4	S	Toluene-d8 (Surr)	100.000	99.155	0.8	101	0.00
5	S	Ethylbenzene-d10 (Surr)	100.000	99.859	0.1	101	-0.01
6	S	4-Bromofluorobenzene (Surr)	100.000	99.717	0.3	101	0.00
7	mt	MTBE	25.000	26.524	-6.1	106	-0.01
8	T	Hexane	25.000	21.878	12.5	84	0.00
9		Cyclohexane	25.000	24.266	2.9	95	-0.01
10	mt	Benzene	25.000	24.947	0.2	102	0.00
11	mt	1,2-Dichloroethane	25.000	8.823	64.7#	96	-0.01
12	mt	Toluene	25.000	25.451	-1.8	102	0.00
13		1,2-Dibromoethane	25.000	26.569	-6.3	108	0.00
14	mt	Ethylbenzene	25.000	25.765	-3.1	103	0.00
15	mt	m&p-Xylene	50.000	52.161	-4.3	103	0.00
16	mt	o-Xylene	25.000	26.408	-5.6	103	0.00
17		Isopropylbenzene	25.000	27.442	-9.8	110	-0.01
18		n-propylbenzene	25.000	26.815	-7.3	105	0.00
19		1,3,5-Trimethylbenzene	25.000	25.725	-2.9	104	-0.01
20		1,2,4-Trimethylbenzene	25.000	25.608	-2.4	103	-0.01
21	mt	Naphthalene	5.000	4.727	5.5	118	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

CONTINUING CALIBRATION

Sequence Log

Directory : q:\1\data\04042007

4/15/2007

#	Filename	Sample Name	Date/Time
1	ar0006071.d	rinse/tune	04/04/07 09:03
2	ar0006072.d	rt std	04/04/07 09:25
3	ar0006073.d	1100 gro ccal	04/04/07 09:48
4	ar0006074.d	25 ug/L Aromatics	04/04/07 10:10
5	ar0006075.d	lcs	04/04/07 10:33
6	ar0006076.d	lcsd	04/04/07 10:55
7	ar0006077.d	lcs	04/04/07 11:17
8	ar0006078.d	lcsd	04/04/07 11:40
9	ar0006079.d	IB EP lot:6215150	04/04/07 12:02
10	ar0006080.d	mb	04/04/07 12:25
11	ar0006081.d	580-5460-B-5	04/04/07 12:47
12	ar0006082.d	580-5459-B-9	04/04/07 13:10
13	ar0006083.d	580-5459-D-8	04/04/07 13:32
14	ar0006084.d	580-5459-C-7	04/04/07 13:54
15	ar0006085.d	580-5459-C-5	04/04/07 14:17
16	ar0006086.d	580-5459-C-4	04/04/07 14:39
17	ar0006087.d	580-5459-D-3	04/04/07 15:02
18	ar0006088.d	580-5459-D-2	04/04/07 15:24
19	ar0006089.d	580-5459-C-2 du	04/04/07 15:47
20	ar0006090.d	580-5459-B-1	04/04/07 16:09
21	ar0006091.d	580-5459-C-6	04/04/07 16:31
22	ar0006092.d	rinse/tune	04/04/07 16:54
23	ar0006093.d	1100 gro ccal	04/04/07 17:16
24	ar0006094.d	rinse/tune	04/04/07 17:39
25	ar0006095.d	580-5483-A-5	04/04/07 18:01
26	ar0006096.d	580-5460-A-4	04/04/07 18:23
27	ar0006097.d	580-5460-C-3	04/04/07 18:46
28	ar0006098.d	580-5460-C-2	04/04/07 19:08
29	ar0006099.d	580-5460-C-1	04/04/07 19:30
30	ar0006100.d	580-5460-D-1 du	04/04/07 19:53
31	ar0006101.d	rt std	04/04/07 20:15
32	ar0006102.d	1100 gro ccal	04/04/07 20:38
33	ar0006103.d	25 ug/L Aromatics	04/04/07 21:00
34	ar0006104.d	LCS 580-17278/2-AA	04/04/07 21:22
35	ar0006105.d	LCSD 580-17278/3-AA	04/04/07 21:45
36	ar0006106.d	LCS 580-17278/4-AA	04/04/07 22:07
37	ar0006107.d	LCSD 580-17278/5-AA	04/04/07 22:29
38	ar0006108.d	IB EP lot:6215150	04/04/07 22:52
39	ar0006109.d	MB 580-17278/1-AA	04/04/07 23:14
40	ar0006110.d	580-5483-C-1-L	04/04/07 23:36
41	ar0006111.d	580-5404-A-1-B	04/04/07 23:59
42	ar0006112.d	580-5404-A-3-A	04/05/07 00:21
43	ar0006113.d	580-5404-A-4-A	04/05/07 00:43
44	ar0006114.d	580-5404-C-5-B	04/05/07 01:06
45	ar0006115.d	580-5404-A-6-A	04/05/07 01:28
46	ar0006116.d	580-5404-A-7-A	04/05/07 01:51
47	ar0006117.d	580-5404-A-8-A	04/05/07 02:13
48	ar0006118.d	580-5404-A-9-A	04/05/07 02:35
49	ar0006119.d	580-5404-C-10-B	04/05/07 02:57

Sequence Log

Directory : q:\1\data\04042007

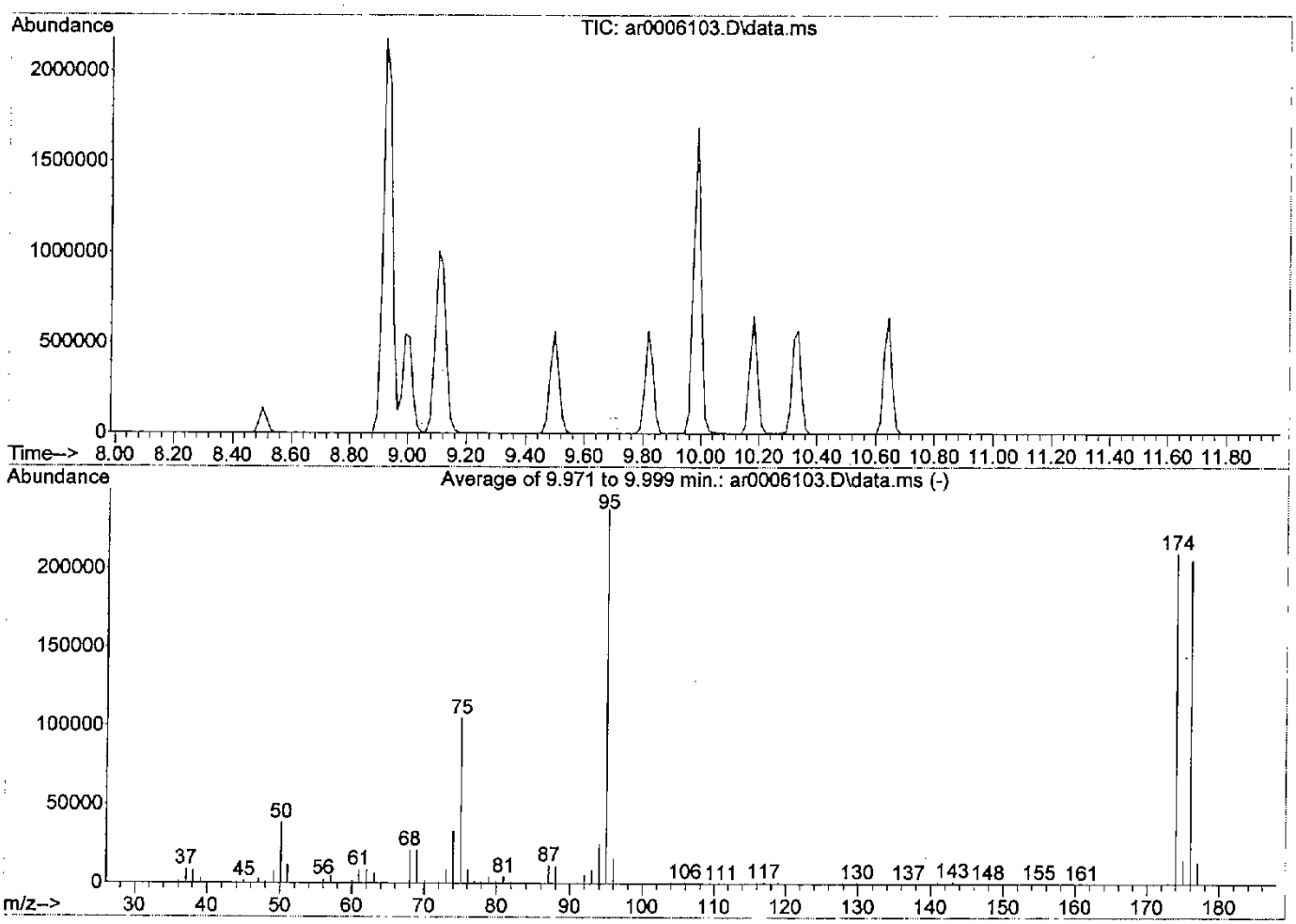
4/7/2007

#	Filename	Sample Name	Date/Time
50	ar0006120.d	580-5404-A-2-B	04/05/07 03:20
51	ar0006121.d	580-5404-A-2-C MS	04/05/07 03:42
52	ar0006122.d	580-5404-A-2-D MSD	04/05/07 04:05
53	ar0006123.d	rinse/tune	04/05/07 04:27
54	ar0006124.d	1100 gro ccal	04/05/07 04:49
55	ar0006125.d	rinse/tune	04/05/07 05:12
56	ar0006126.d	580-5404-A-11-A	04/05/07 05:34
57	ar0006127.d	580-5404-A-12-A	04/05/07 05:57
58	ar0006128.d	580-5404-A-13-F	04/05/07 06:19
59	ar0006129.d	580-5404-A-15-A	04/05/07 06:42
60	ar0006130.d	580-5404-A-16-A	04/05/07 07:04
61	ar0006131.d	580-5404-A-17-A	04/05/07 07:26
62	ar0006132.d	580-5404-A-18-A	04/05/07 07:49
63	ar0006133.d	580-5404-A-14-H	04/05/07 08:11
64	ar0006134.d	580-5404-A-14-M DU	04/05/07 08:34
65	ar0006135.d	580-5404-A-14-L MS	04/05/07 08:56
66	ar0006136.d	580-5404-A-14-L MS	04/05/07 09:18
67	ar0006137.d	1100 gro ccal	04/05/07 09:41
68	ar0006138.d	rinse/tune	04/05/07 10:03

Data Path : E:\1\data\04042007\
Data File : ar0006103.D
Acq On : 4 Apr 2007 9:00 pm
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-13
ALS Vial : 33 Sample Multiplier: 1

Integration File: rteint.p

Method : E:\1\methods\RBCA_03162007.M
Title : SEA041: RBCA plus by 8260B 01-26-2007
Last Update : Fri Mar 16 15:09:56 2007



AutoFind: Scans 636, 637, 638; Background Corrected with Scan 631

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.2	38418	PASS
75	95	30	60	44.1	104928	PASS
95	95	100	100	100.0	237816	PASS
96	95	5	9	6.6	15749	PASS
173	174	0.00	2	0.2	379	PASS
174	95	50	100	88.3	210069	PASS
175	174	5	9	7.2	15205	PASS
176	174	95	101	97.9	205653	PASS
177	176	5	9	6.7	13774	PASS

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006103.D
Acq On : 4 Apr 2007 9:00 pm
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-13
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 05 12:11:09 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

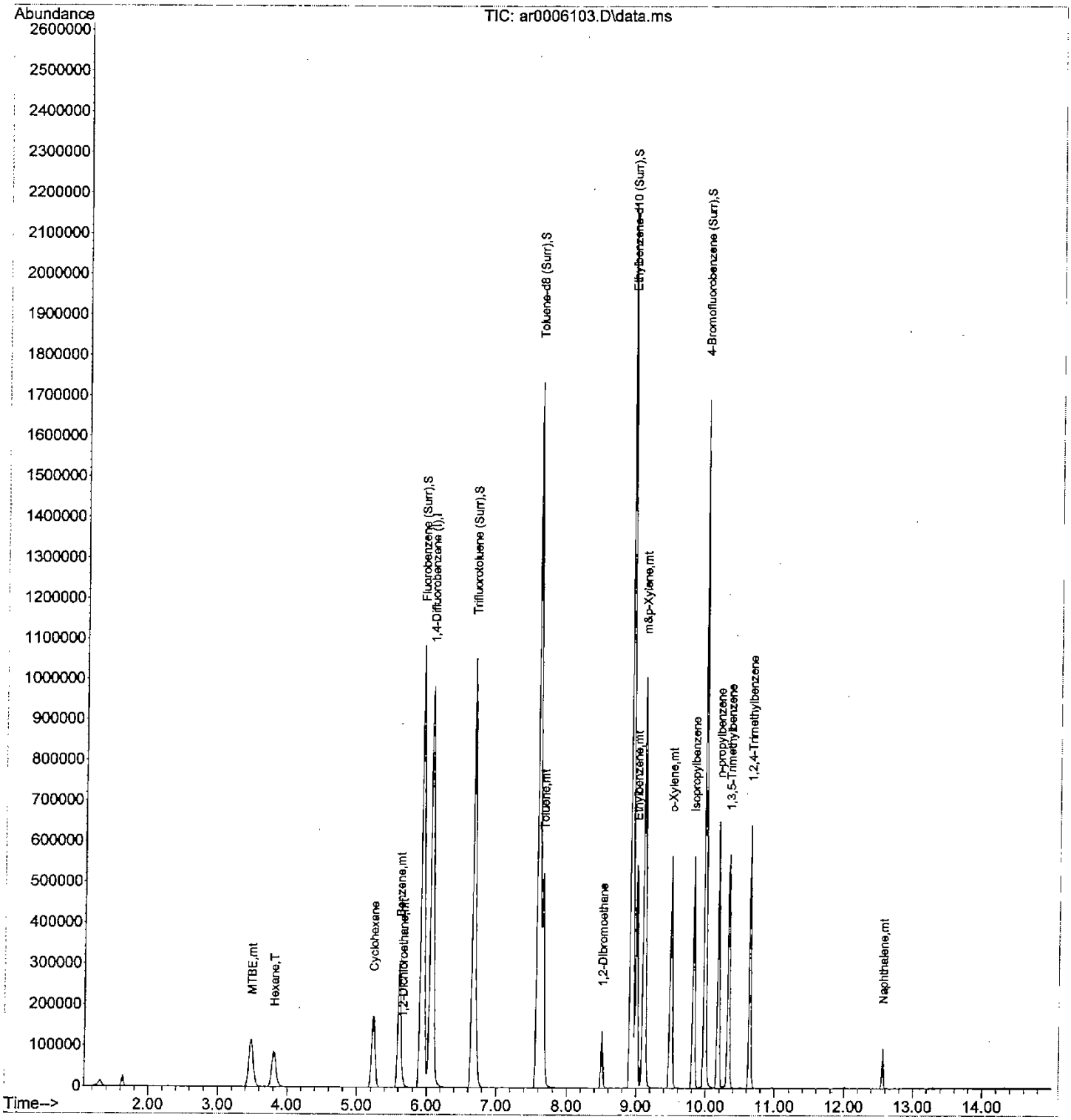
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1547627	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1763379	100.08	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	863358	105.04	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 105.04%			
4) Toluene-d8 (Surr)	7.593	98	1821032	104.09	ug/L	0.01
Spiked Amount 100.000			Recovery = 104.09%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2253697	102.93	ug/L	-0.01
Spiked Amount 100.000			Recovery = 102.93%			
6) 4-Bromofluorobenzene (...	9.985	174	567055	109.74	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 109.74%			
Target Compounds						Qvalue
7) MTBE	3.479	73	271328	22.36	ug/L #	100
8) Hexane	3.801	56	51438	25.31	ug/L	99
9) Cyclohexane	5.228	56	137942	25.13	ug/L	95
10) Benzene	5.606	78	437025	25.19	ug/L	99
11) 1,2-Dichloroethane	5.648	62	16212	3.53	ug/L #	30
12) Toluene	7.649	92	311938	27.04	ug/L	99
13) 1,2-Dibromoethane	8.502	107	104047	26.11	ug/L	98
14) Ethylbenzene	8.992	91	572160	25.74	ug/L	98
15) m&p-Xylene	9.104	106	455465	55.33	ug/L	97
16) o-Xylene	9.496	91	448746	26.82	ug/L	99
17) Isopropylbenzene	9.818	105	481588	26.55	ug/L	98
18) n-propylbenzene	10.181	91	614040	27.43	ug/L	99
19) 1,3,5-Trimethylbenzene	10.335	105	429965	27.20	ug/L	98
20) 1,2,4-Trimethylbenzene	10.643	105	435325	27.41	ug/L	99
21) Naphthalene	12.560	128	69236	4.93	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006103.D
Acq On : 4 Apr 2007 9:00 pm
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-13
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 05 12:11:09 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : E:\1\data\04042007\
Data File : ar0006103.D
Acq On : 4 Apr 2007 9:00 pm
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-13
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 05 12:11:09 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Difluorobenzene (I)	100.000	100.000	0.0	106	0.00
2	S	Fluorobenzene (Surr)	100.000	100.082	-0.1	106	0.00
3	S	Trifluorotoluene (Surr)	100.000	105.044	-5.0	113	0.00
4	S	Toluene-d8 (Surr)	100.000	104.090	-4.1	110	0.01
5	S	Ethylbenzene-d10 (Surr)	100.000	102.935	-2.9	108	-0.01
6	S	4-Bromofluorobenzene (Surr)	100.000	109.743	-9.7	115	0.00
7	mt	MTBE	25.000	22.356	10.6	92	-0.01
8	T	Hexane	25.000	25.308	-1.2	100	0.00
9		Cyclohexane	25.000	25.132	-0.5	102	-0.01
10	mt	Benzene	25.000	25.193	-0.8	107	0.00
11	mt	1,2-Dichloroethane	25.000	3.533	85.9#	40	-0.01
12	mt	Toluene	25.000	27.037	-8.1	113	0.00
13		1,2-Dibromoethane	25.000	26.115	-4.5	110	0.00
14	mt	Ethylbenzene	25.000	25.741	-3.0	106	-0.01
15	mt	m&p-Xylene	50.000	55.332	-10.7	113	0.00
16	mt	o-Xylene	25.000	26.816	-7.3	109	0.00
17		Isopropylbenzene	25.000	26.547	-6.2	110	-0.01
18		n-propylbenzene	25.000	27.428	-9.7	111	0.00
19		1,3,5-Trimethylbenzene	25.000	27.199	-8.8	114	0.00
20		1,2,4-Trimethylbenzene	25.000	27.414	-9.7	114	0.00
21	mt	Naphthalene	5.000	4.930	1.4	127	-0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

MATIX SPIKE / MATRIX SPIKE DUPLICATE

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006136.D
Acq On : 5 Apr 2007 9:18 am
Operator : frz
Sample : 580-5404-A-14-L MS
Misc : BT=Sea041040407b
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Apr 05 12:09:32 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

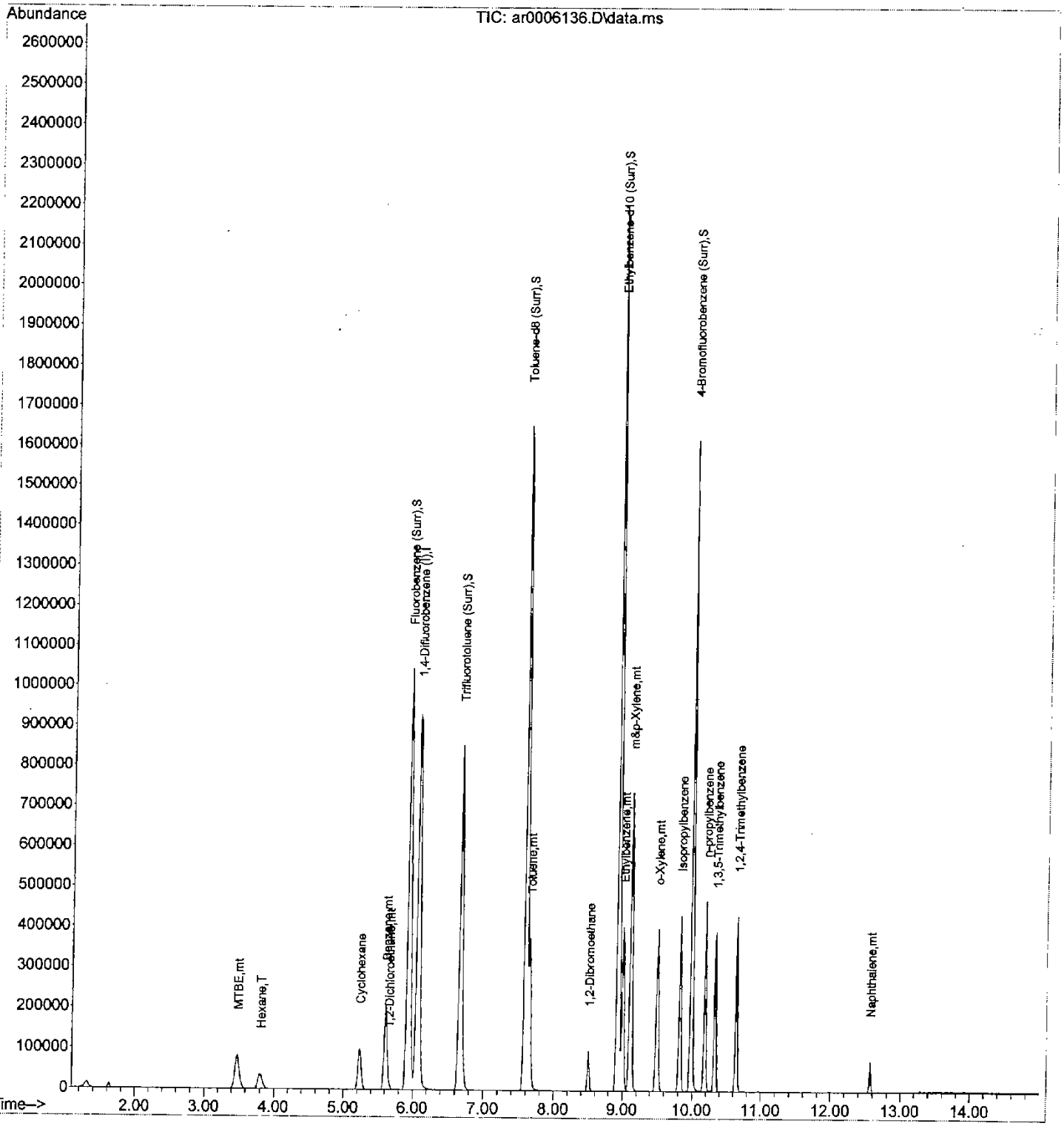
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1467018	100.00	ug/L		0.00
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	1676988	100.41	ug/L		0.00
3) Trifluorotoluene (Surr)	6.670	146	677942	87.02	ug/L		0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 87.02%				
4) Toluene-d8 (Surr)	7.579	98	1750097	105.53	ug/L		0.00
Spiked Amount 100.000			Recovery = 105.53%				
5) Ethylbenzene-d10 (Surr)	8.922	98	2177180	104.90	ug/L		-0.01
Spiked Amount 100.000			Recovery = 104.90%				
6) 4-Bromofluorobenzene (...	9.986	174	545665	111.41	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 111.41%				
Target Compounds							Qvalue
7) MTBE	3.479	73	193969	16.86	ug/L	#	100
8) Hexane	3.801	56	21767	11.30	ug/L		98
9) Cyclohexane	5.228	56	77656	14.93	ug/L		96
10) Benzene	5.606	78	289124	17.58	ug/L		99
11) 1,2-Dichloroethane	5.648	62	15785	3.63	ug/L	#	55
12) Toluene	7.649	92	218541	19.98	ug/L		100
13) 1,2-Dibromoethane	8.503	107	73061	19.35	ug/L		99
14) Ethylbenzene	8.992	91	404906	19.22	ug/L		98
15) m&p-Xylene	9.104	106	319262	40.92	ug/L		98
16) o-Xylene	9.496	91	319327	20.13	ug/L		99
17) Isopropylbenzene	9.818	105	368004	21.40	ug/L		97
18) n-propylbenzene	10.182	91	439885	20.73	ug/L		99
19) 1,3,5-Trimethylbenzene	10.335	105	296990	19.82	ug/L		99
20) 1,2,4-Trimethylbenzene	10.643	105	307197	20.41	ug/L		98
21) Naphthalene	12.560	128	52114	3.95	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006136.D
Acq On : 5 Apr 2007 9:18 am
Operator : frz
Sample : 580-5404-A-14-L MS
Misc : BT=Sea041040407b
ALS Vial : 66 Sample Multiplier: 1

Quant Time: Apr 05 12:09:32 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



004515

DUPLICATE SAMPLE DATA PACKAGE

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006134.D
Acq On : 5 Apr 2007 8:34 am
Operator : frz
Sample : 580-5404-A-14-M DU
Misc : BT=Sea041040407b
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Apr 05 12:11:40 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

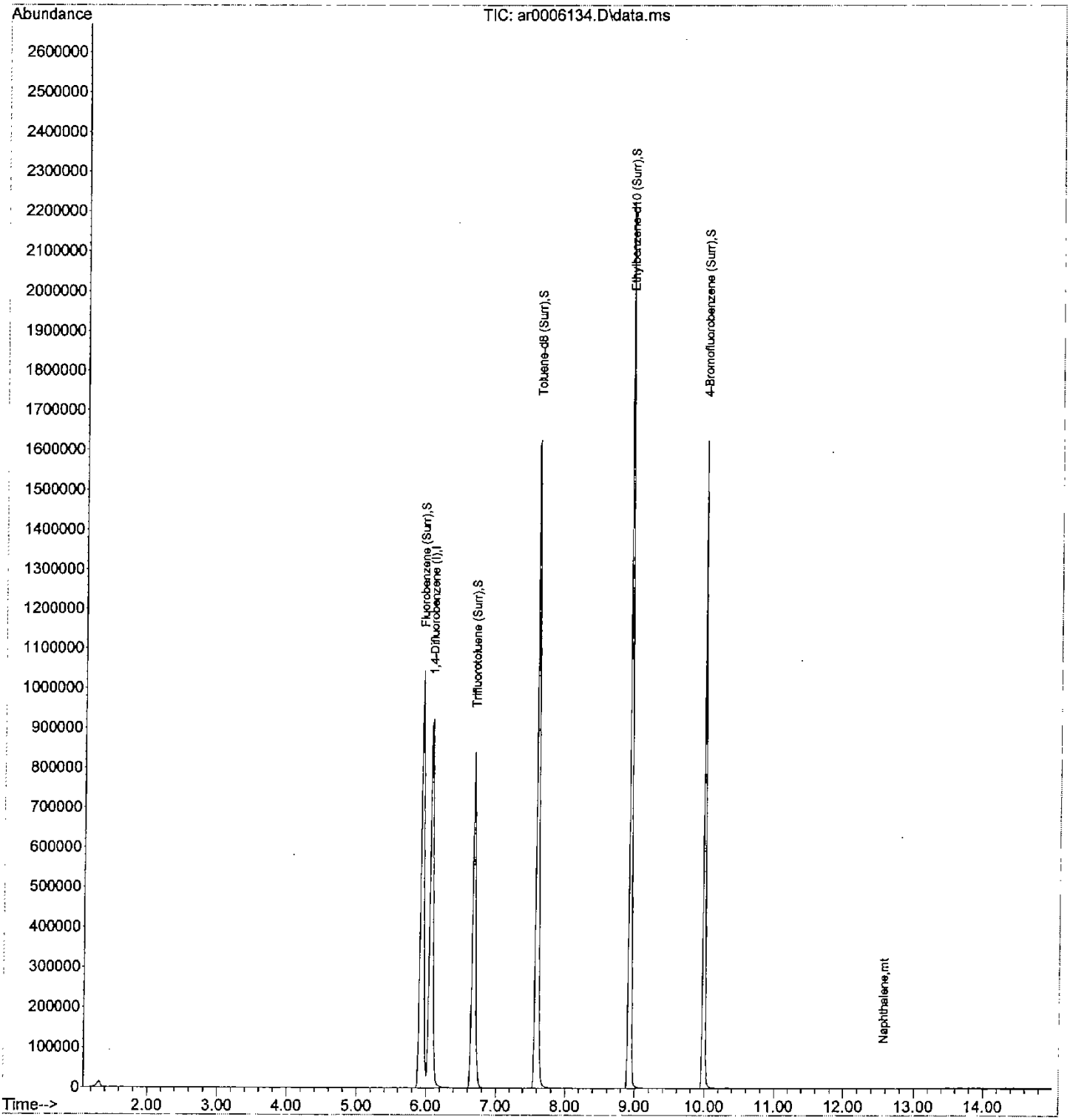
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1463737	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1676705	100.62	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	669746	86.16	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 86.16%			
4) Toluene-d8 (Surr)	7.593	98	1732577	104.71	ug/L	0.01
Spiked Amount 100.000			Recovery = 104.71%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2161322	104.37	ug/L	-0.01
Spiked Amount 100.000			Recovery = 104.37%			
6) 4-Bromofluorobenzene (...	9.985	174	540337	110.57	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.57%			
Target Compounds						Qvalue
21) Naphthalene	12.560	128	659	0.23	ug/L #	73

(#) = qualifier out of range (m) = manual integration (+) = signals summed

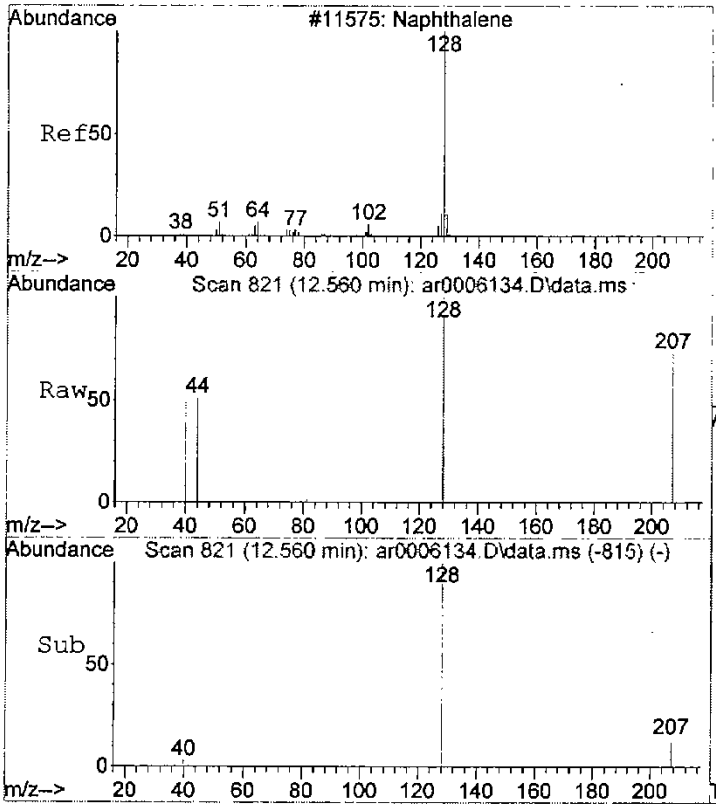
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006134.D
Acq On : 5 Apr 2007 8:34 am
Operator : frz
Sample : 580-5404-A-14-M DU
Misc : BT=Sea041040407b
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Apr 05 12:11:40 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



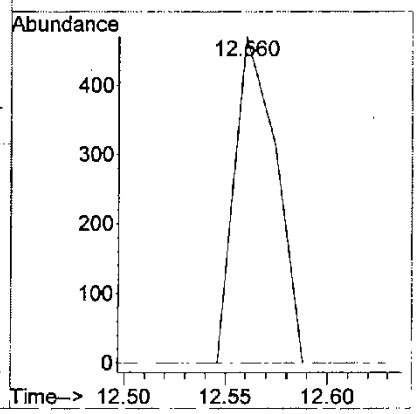
004518



#21
Naphthalene
Concen: 0.23 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006134.D
Acq: 5 Apr 2007 8:34 am

Tgt Ion:128 Resp: 659

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



004519

METHOD BLANK

Data Path : E:\1\data\04042007\
Data File : ar0006109.D
Acq On : 4 Apr 2007 11:14 pm
Operator : frz
Sample : MB 580-17278/1-AA
Misc : gro/8260 BT=Sea041040407b
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Apr 05 12:11:15 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1566479	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1789607	100.35	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	987760	118.73	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	118.73%		
4) Toluene-d8 (Surr)	7.593	98	1845543	104.22	ug/L	0.01
Spiked Amount 100.000			Recovery =	104.22%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2305242	104.02	ug/L	-0.01
Spiked Amount 100.000			Recovery =	104.02%		
6) 4-Bromofluorobenzene (...	9.986	174	584750	111.81	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	111.81%		
Target Compounds						Qvalue
21) Naphthalene	12.560	128	211	0.20	ug/L	# 73

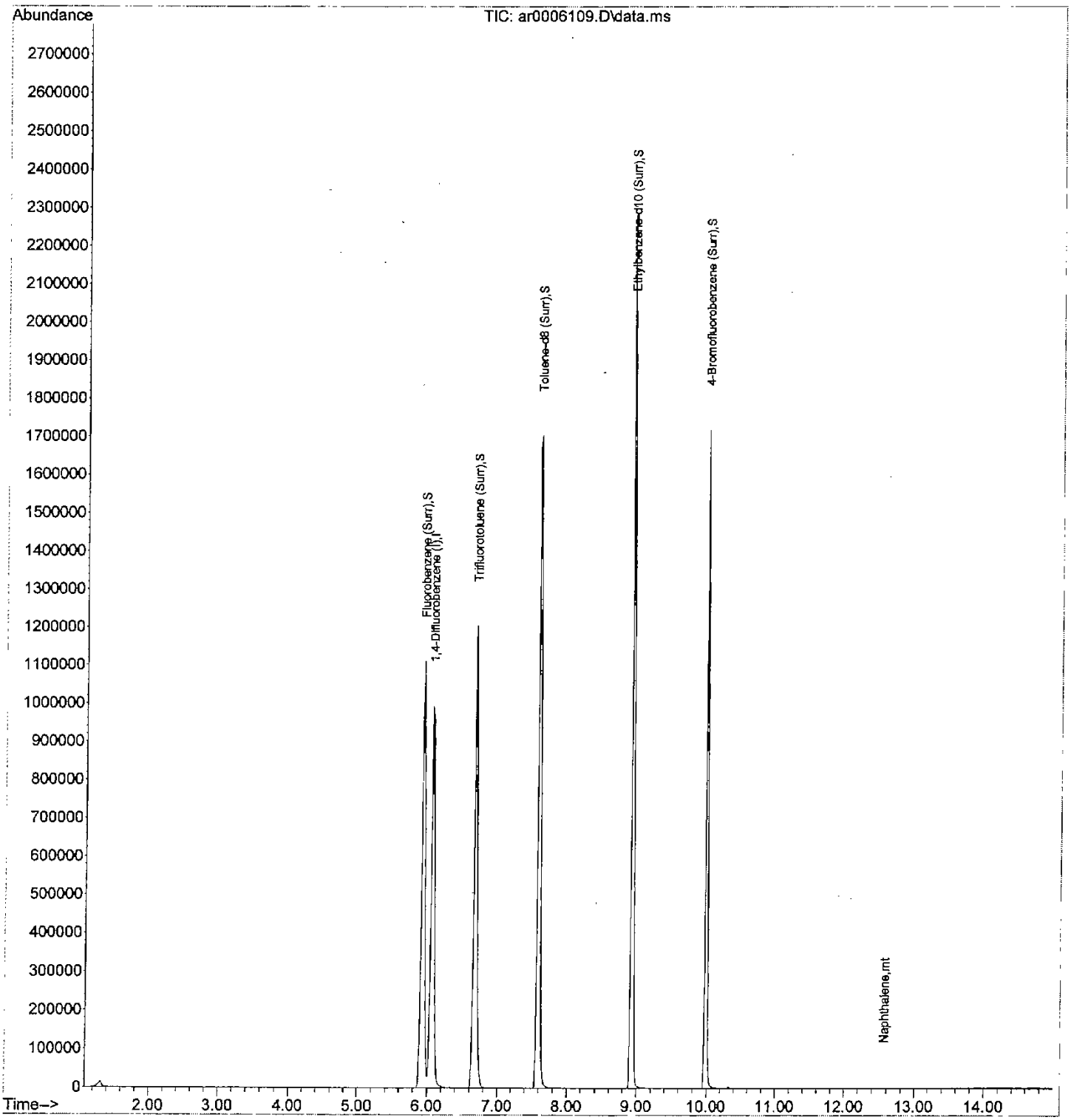
(#) = qualifier out of range (m) = manual integration (+) = signals summed

004521

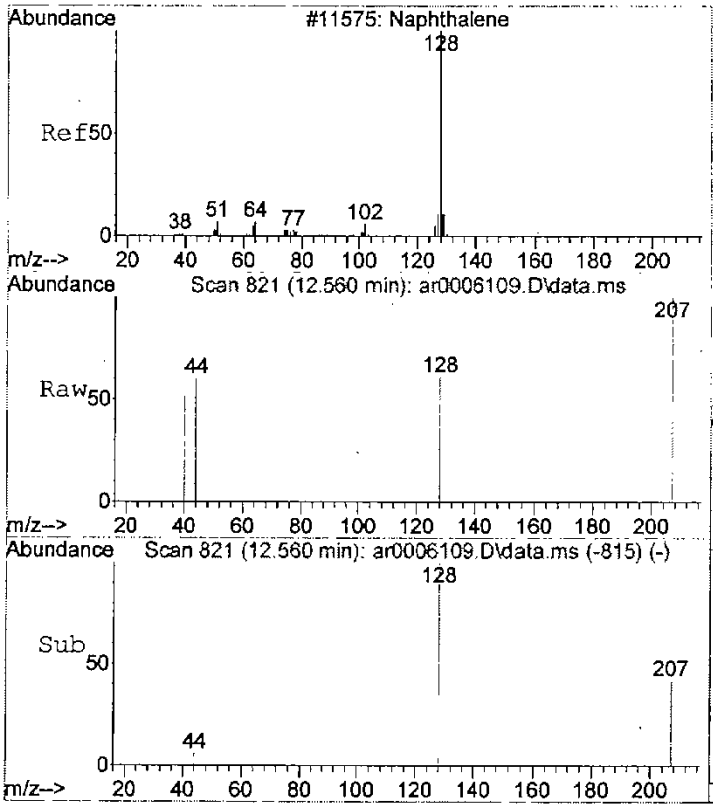
Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006109.D
Acq On : 4 Apr 2007 11:14 pm
Operator : frz
Sample : MB 580-17278/1-AA
Misc : gro/8260 BT=Sea041040407b
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Apr 05 12:11:15 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



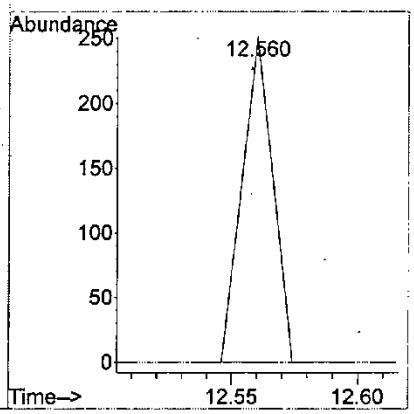
004522



#21
Naphthalene
Concen: 0.20 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006109.D
Acq: 4 Apr 2007 11:14 pm

Tgt Ion:128 Resp: 211

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.6#
102	0.0	5.9	8.9#



BLANK SPIKE

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006106.D
Acq On : 4 Apr 2007 10:07 pm
Operator : frz
Sample : LCS 580-17278/4-AA
Misc : 8260 BT=Sea041040407b
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 05 12:11:12 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1530027	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1745062	100.18	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	938677	115.52	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery =	115.52%		
4) Toluene-d8 (Surr)	7.593	98	1793118	103.67	ug/L	0.01
Spiked Amount 100.000			Recovery =	103.67%		
5) Ethylbenzene-d10 (Surr)	8.922	98	2214666	102.32	ug/L	-0.01
Spiked Amount 100.000			Recovery =	102.32%		
6) 4-Bromofluorobenzene (...	9.986	174	557488	109.13	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery =	109.13%		
Target Compounds						Qvalue
7) MTBE	3.479	73	266775	22.23	ug/L #	100
8) Hexane	3.801	56	50692	25.23	ug/L	99
9) Cyclohexane	5.228	56	134733	24.83	ug/L	96
10) Benzene	5.606	78	426000	24.84	ug/L	99
11) 1,2-Dichloroethane	5.648	62	18701	4.12	ug/L #	43
12) Toluene	7.649	92	312596	27.41	ug/L	99
13) 1,2-Dibromoethane	8.502	107	100270	25.46	ug/L	98
14) Ethylbenzene	8.992	91	570972	25.98	ug/L	99
15) m&p-Xylene	9.104	106	456592	56.11	ug/L	96
16) o-Xylene	9.496	91	445678	26.94	ug/L	99
17) Isopropylbenzene	9.818	105	518795	28.93	ug/L	98
18) n-propylbenzene	10.181	91	634177	28.65	ug/L	99
19) 1,3,5-Trimethylbenzene	10.335	105	432860	27.70	ug/L	97
20) 1,2,4-Trimethylbenzene	10.643	105	436697	27.82	ug/L	99
21) Naphthalene	12.560	128	64151	4.63	ug/L	99

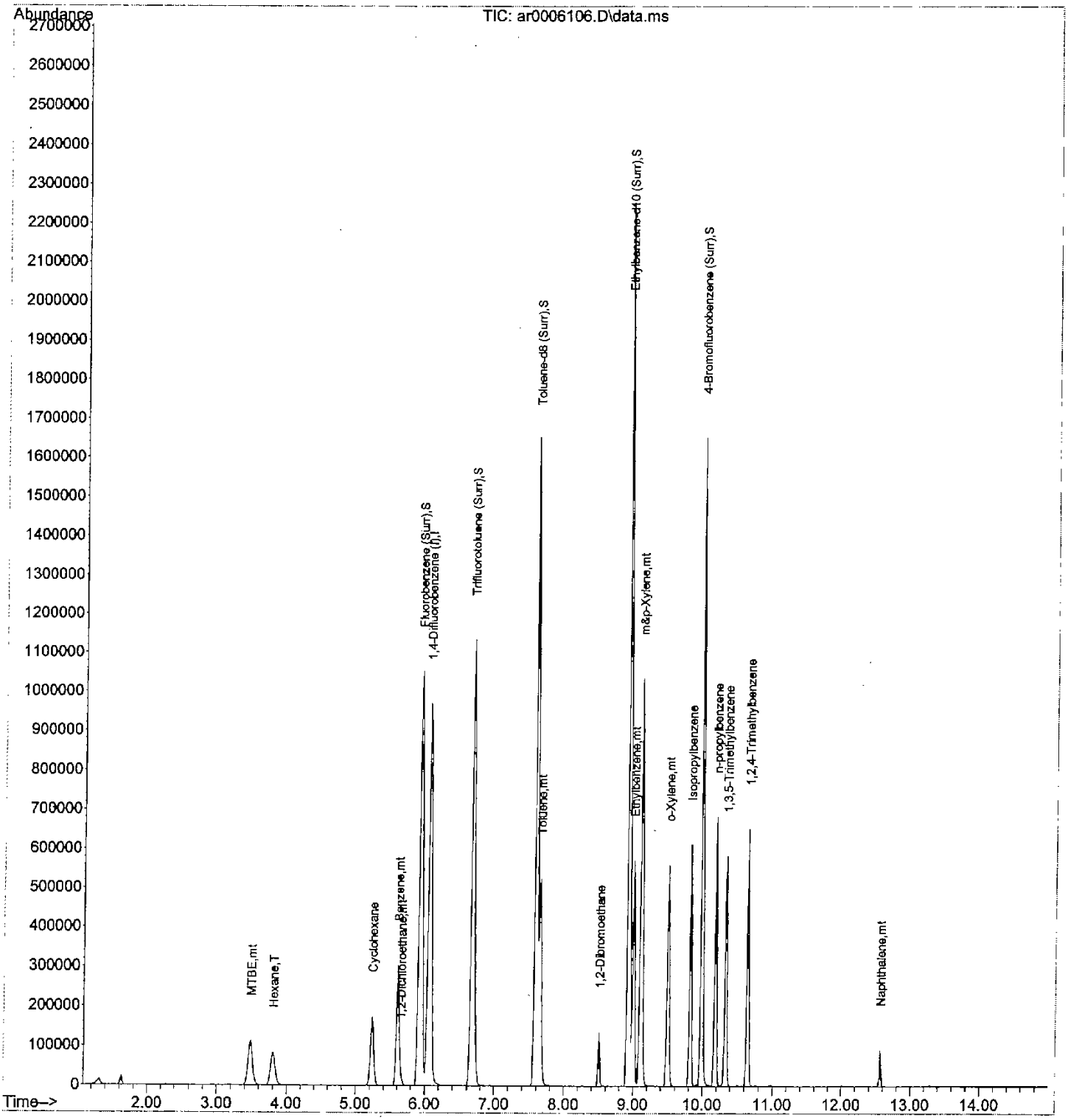
(#) = qualifier out of range (m) = manual integration (+) = signals summed

004525

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006106.D
Acq On : 4 Apr 2007 10:07 pm
Operator : frz
Sample : LCS 580-17278/4-AA
Misc : 8260 BT=Sea041040407b
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 05 12:11:12 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006107.D
Acq On : 4 Apr 2007 10:29 pm
Operator : frz
Sample : LCSD 580-17278/5-AA
Misc : 8260 BT=Sea041040407b
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 05 12:11:13 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

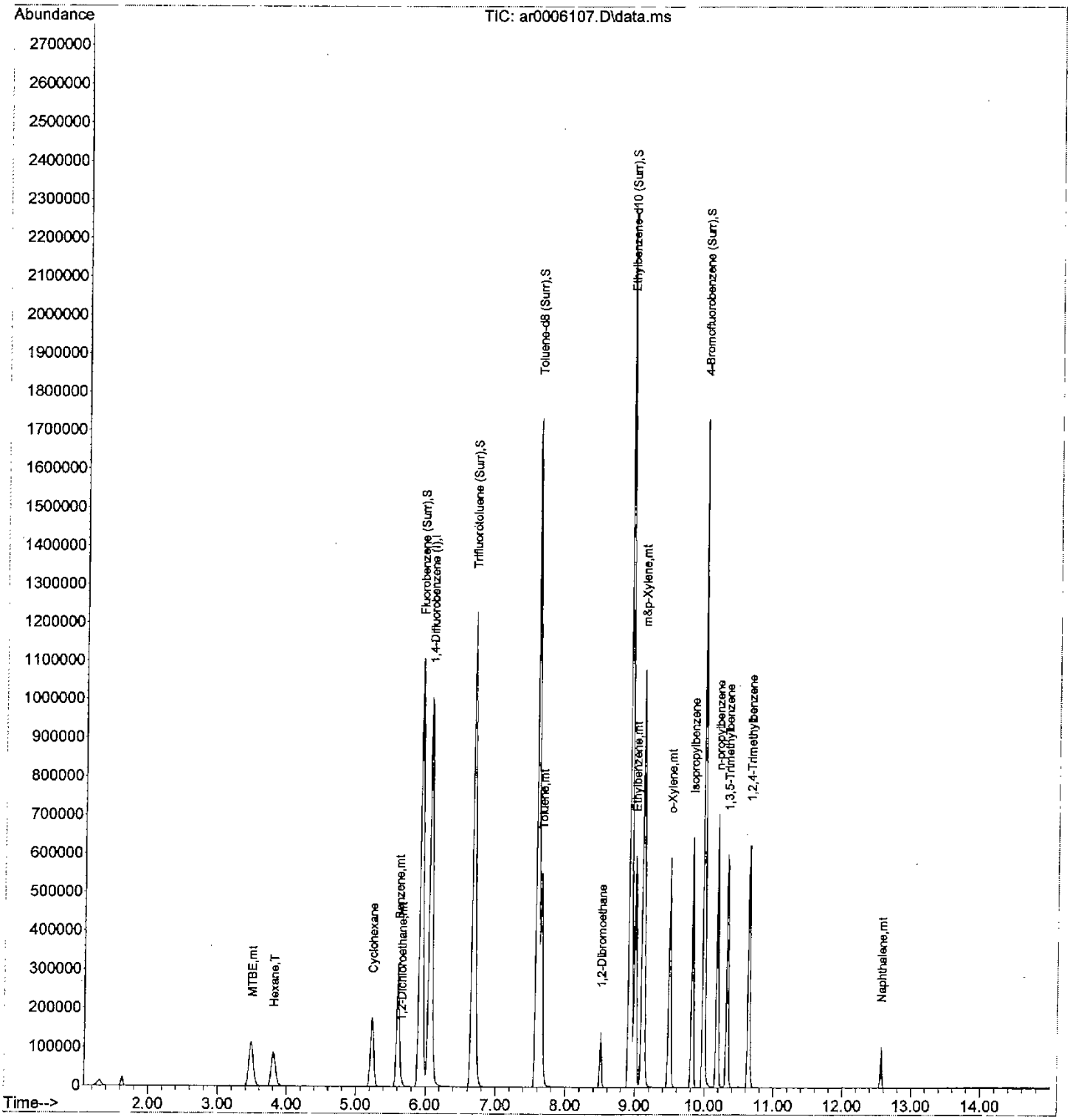
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1589317	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1796877	99.31	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	998793	118.33	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 118.33%			
4) Toluene-d8 (Surr)	7.593	98	1855554	103.28	ug/L	0.01
Spiked Amount 100.000			Recovery = 103.28%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2318529	103.12	ug/L	-0.01
Spiked Amount 100.000			Recovery = 103.12%			
6) 4-Bromofluorobenzene (...	9.986	174	590788	111.34	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 111.34%			
Target Compounds						Qvalue
7) MTBE	3.479	73	268941	21.58	ug/L #	100
8) Hexane	3.801	56	50749	24.31	ug/L	97
9) Cyclohexane	5.228	56	136552	24.23	ug/L	95
10) Benzene	5.606	78	444102	24.93	ug/L	98
11) 1,2-Dichloroethane	5.648	62	18060	3.83	ug/L #	39
12) Toluene	7.649	92	327060	27.60	ug/L	99
13) 1,2-Dibromoethane	8.502	107	104983	25.66	ug/L	98
14) Ethylbenzene	8.992	91	603851	26.45	ug/L	98
15) m&p-Xylene	9.104	106	480416	56.83	ug/L	97
16) o-Xylene	9.496	91	466111	27.12	ug/L	99
17) Isopropylbenzene	9.818	105	548568	29.45	ug/L	98
18) n-propylbenzene	10.181	91	665212	28.93	ug/L	99
19) 1,3,5-Trimethylbenzene	10.321	105	455576	28.06	ug/L	98
20) 1,2,4-Trimethylbenzene	10.643	105	453694	27.82	ug/L	99
21) Naphthalene	12.560	128	72915	5.05	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\04042007\
Data File : ar0006107.D
Acq On : 4 Apr 2007 10:29 pm
Operator : frz
Sample : LCSD 580-17278/5-AA
Misc : 8260 BT=Sea041040407b
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Apr 05 12:11:13 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration



LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17344

Batch Open: 0:07:00PM

Method Code: 580-8260B-580

Batch End:

580-5404-A-17-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-18-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-H	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-M DU	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-L MS	GBIS&SUR_00007	1 uL	5 mL		

Other Reagents:

Reagent	Amount/Units	Lot#:

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17344

Method Code: 580-8260B-580

Batch Open: 0:07:00PM

Batch End:

Volatile Organic Compounds by GC/MS

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	LCS~580-17278/4-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
2	LCSD~580-17278/5-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
3	MB~580-17278/1-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
4	~ N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
5	580-5404-A-1-B (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
6	580-5404-A-3-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
7	580-5404-A-4-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
8	580-5404-C-5-B (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
9	580-5404-A-6-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
10	580-5404-A-7-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
11	580-5404-A-8-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
12	580-5404-A-9-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
13	580-5404-C-10-B (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
14	580-5404-A-2-B (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
15	580-5404-A-11-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17344

Batch Open: 0:07:00PM

Method Code: 580-8260B-580

Batch End:

16	580-5404-A-12-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
17	580-5404-A-13-F (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
18	580-5404-A-15-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
19	580-5404-A-16-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
20	580-5404-A-17-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
21	580-5404-A-18-A (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
22	580-5404-A-14-H (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
22	580-5404-A-14-H (NWTPH_Gx)	N/A	5 mL	5 mL	/16/07	8_Days - R	4		
23	580-5404-A-14-M~DU (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
24	580-5404-A-14-L~MS (8260B)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
24	580-5404-A-14-L~MS (NWTPH_Gx)	N/A	5 mL	5 mL	/16/07	8_Days - R	4		

Batch Notes

Batch Comment

Comments

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17344

Method Code: 580-8260B-580

Batch Open: 0:07:00PM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
LCS 580-17278/4-AA	GBIS&SUR_00007	1 uL	5 mL		
LCSD 580-17278/5-AA	GBIS&SUR_00007	1 uL	5 mL		
MB 580-17278/1-AA	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-1-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-3-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-4-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-C-5-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-6-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-7-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-8-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-9-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-C-10-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-2-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-11-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-12-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-13-F	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-15-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-16-A	GBIS&SUR_00007	1 uL	5 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17344

Batch Open: 0:07:00PM

Method Code: 580-8260B-580

Batch End:

580-5404-A-17-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-18-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-H	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-M DU	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-L MS	GBIS&SUR_00007	1 uL	5 mL		

Other Reagents:

Reagent	Amount/Units	Lot#:

Data File Name	ar0006109.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/4/2007 23:14
Acq. Method File	GBTEX.M
Sample Name	MB 580-17278/1-AA
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1566479	1462074	107	pass

Data File Name	ar0006106.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/4/2007 22:07
Acq. Method File	GBTEX.M
Sample Name	LCS 580-17278/4-AA
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1530027	1462074	105	pass

Data File Name	ar0006107.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/4/2007 22:29
Acq. Method File	GBTEX.M
Sample Name	LCSD 580-17278/5-AA
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1589317	1462074	109	pass

Data File Name	ar0006111.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/4/2007 23:59
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-1-B
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1527414	1462074	104	pass

Data File Name	ar0006120.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 3:20
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-2-B
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1453889	1462074	99	pass

Data File Name	ar0006112.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 12:21
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-3-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1376106	1462074	94	pass

Data File Name	ar0006113.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 12:43
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-4-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1465817	1462074	100	pass

Data File Name	ar0006114.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 1:06
Acq. Method File	GBTEX.M
Sample Name	580-5404-C-5-B
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1501361	1462074	103	pass

Data File Name	ar0006115.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 1:28
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-6-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1485284	1462074	102	pass

Data File Name	ar0006116.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 1:51
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-7-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1479229	1462074	101	pass

Data File Name	ar0006117.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 2:13
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-8-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1567128	1462074	107	pass

Data File Name	ar0006118.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 2:35
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-9-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1517557	1462074	104	pass

Data File Name	ar0006119.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 2:57
Acq. Method File	GBTEX.M
Sample Name	580-5404-C-10-B
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1511625	1462074	103	pass

Data File Name	ar0006126.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 5:34
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-11-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1553200	1462074	106	pass

Data File Name	ar0006127.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 5:57
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-12-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1560431	1462074	107	pass

Data File Name	ar0006128.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 6:19
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-13-F
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1485247	1462074	102	pass

Data File Name	ar0006133.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 8:11
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-14-H
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1456872	1462074	100	pass

Data File Name	ar0006134.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 8:34
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-14-M DU
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1463737	1462074	100	pass

Data File Name	ar0006136.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 9:18
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-14-L MS
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1467018	1462074	100	pass

Data File Name	ar0006129.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 6:42
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-15-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1486587	1462074	102	pass

Data File Name	ar0006130.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 7:04
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-16-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1574841	1462074	108	pass

Data File Name	ar0006131.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 7:26
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-17-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1541446	1462074	105	pass

Data File Name	ar0006132.D
Data File Path	E:\1\data\04042007\
Operator	frz
Date Acquired	4/5/2007 7:49
Acq. Method File	GBTEX.M
Sample Name	580-5404-A-18-A
Instrument Name	Instrument #1

Name	Target Response	25ug/L I-Cal Std.	%R relative to 5.0 ug/L I-Cal	PASS/FAIL
1,4-Difluorobenzene (I)	1534738	1462074	105	pass

SEMIVOLATILE DATA PACKAGE

SAMPLE DATA

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008791.D Vial: 21
Sample : 580-5404-A-13-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:08 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	172653	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	656110	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	341257	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	557686	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	375438	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	276117	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	89194	404.89	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	109022	411.34	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.457	82	68257	332.69	ug/L	0.00
42) 2 - Fluorobiphenyl (S)	7.987	172	101086	197.99	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	27313	359.42	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	118732	332.99	ug/L	-0.01
Target Compounds						Qvalue
8) Phenol	5.644	94	119816	441.69	ug/L	95
14) Benzyl alcohol	6.104	79	1462	13.37	ug/L	91
18) 3-&4-Methylphenol	6.323	108	139921	634.42	ug/L	88
28) Benzoic Acid	6.821	105	550	505.69	ug/L	83
31) Naphthalene	7.093	128	6358	8.52	ug/L	92
35) 2-Methylnaphthalene	7.676	141	3444	9.19	ug/L	94
36) 1-Methylnaphthalene	7.762	141	1772	4.43	ug/l	93
46) Dimethylphthalate	8.324	163	7390	16.31	ug/L	95
47) Acenaphthylene	8.436	152	43243	63.42	ug/L	98
50) Acenaphthene	8.586	153	15320	34.08	ug/L	97
53) Dibenzofuran	8.735	168	22436	37.62	ug/L	97
57) Diethylphthalate	8.939	149	12656	19.84	ug/L	92
58) Fluorene	9.046	166	50650	113.48	ug/L	99
69) Phenanthrene	9.966	178	1855636	2906.11	ug/L	91
70) Anthracene	10.019	178	80327	140.93	ug/L	99
72) Carbazole	10.180	167	67186	155.43	ug/L	91
73) Di-n-butylphthalate	10.565	149	31109	39.06	ug/L	99
74) Fluoranthene	11.239	202	4081088	7298.16	ug/L	99
75) Pyrene	11.485	202	2434666	4101.73	ug/L	94
80) Benzo(a)anthracene	12.881	228	191424	460.85	ug/L	98
82) Chrysene	12.918	228	659139	1575.93	ug/L	99
83) bis(2-Ethylhexyl)phtha...	12.972	149	201284	642.54	ug/L	97
86) Benzo(b)fluoranthene	14.212	252	227295	630.90	ug/l	98
87) Benzo(k)fluoranthene	14.245	252	96588m	258.74	ug/l	
88) Benzofluoranthenes	14.235	252	356420	860.24	ug/L	93
89) Benzo(a)pyrene	14.688	252	51147	178.80	ug/L	100
90) Indeno(1,2,3-cd)pyrene	16.392	276	25439	136.41	ug/L	88
91) Dibenz(a,h)anthracene	16.421	278	4195m	20.31	ug/L	
92) Benzo(g,h,i)perylene	16.788	276	28966	107.10	ug/L	98

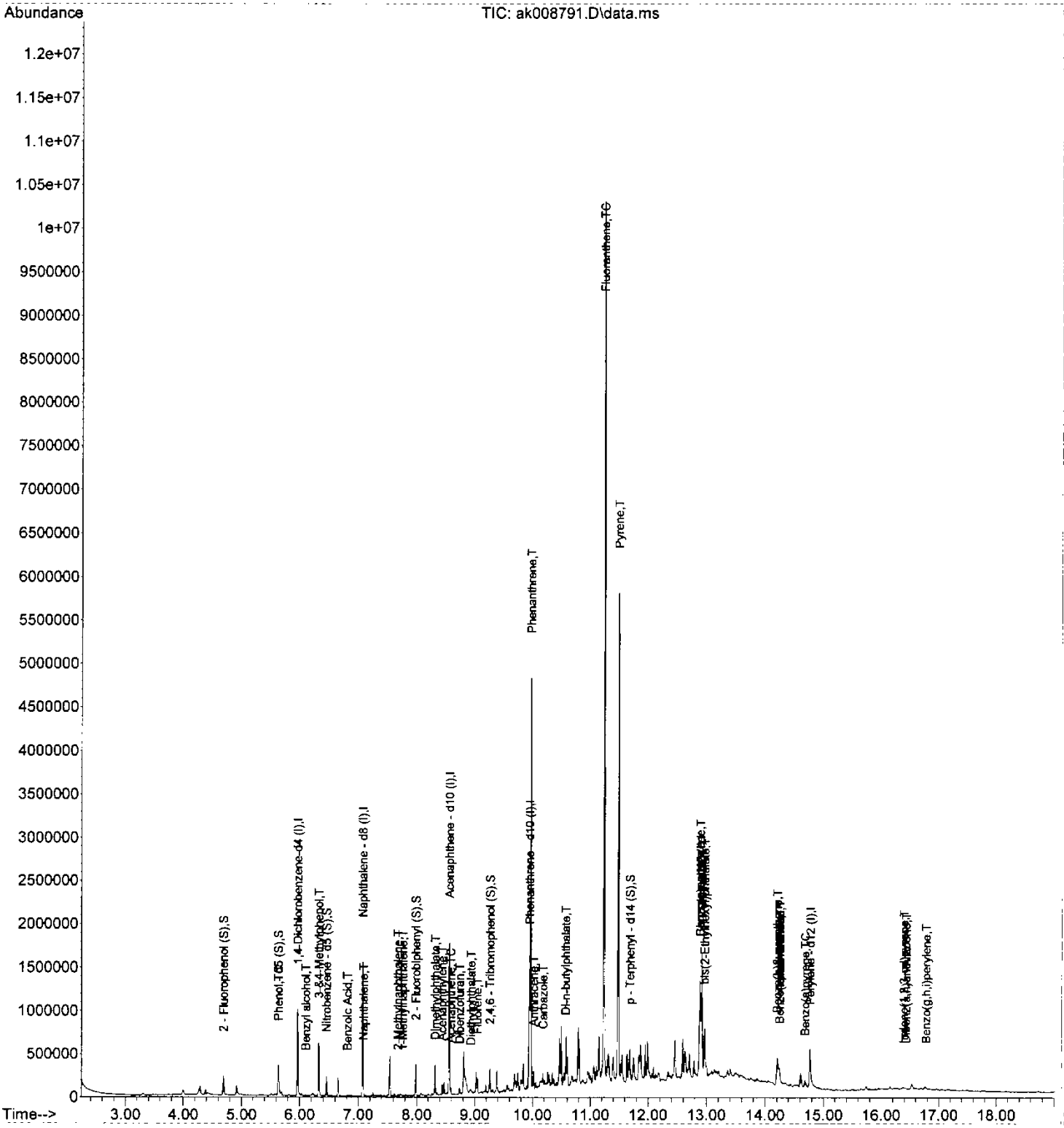
(#) = qualifier out of range (m) = manual integration (+) = signals summed

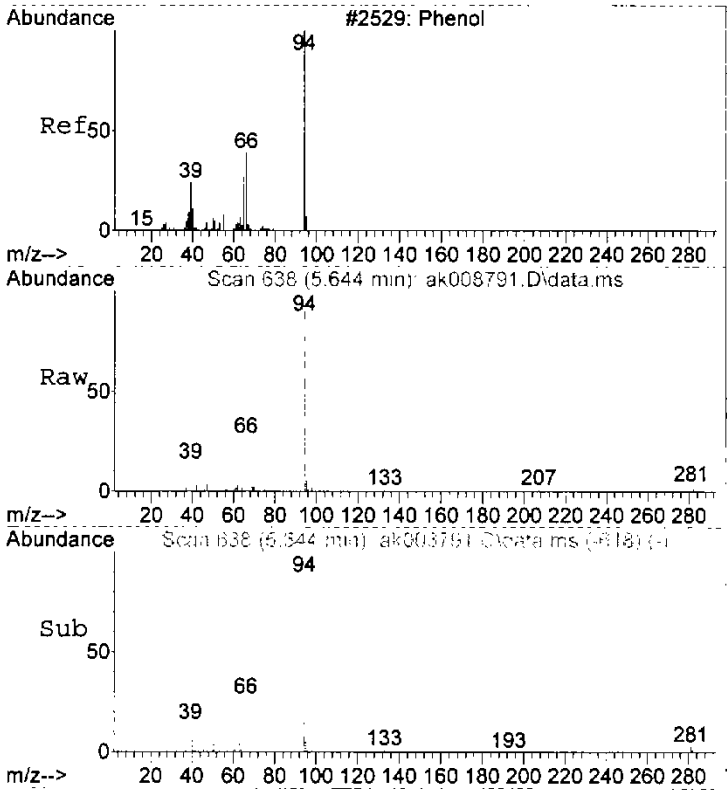
004259

Quantification Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008791.D Vial: 21
Sample : 580-5404-A-13-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:08 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

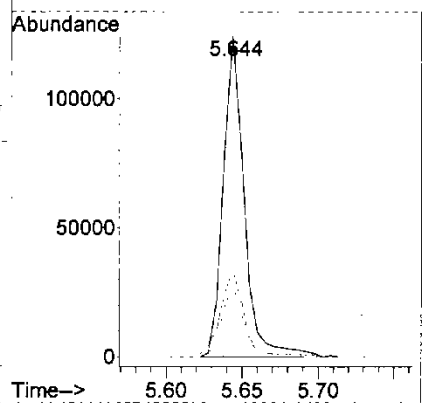


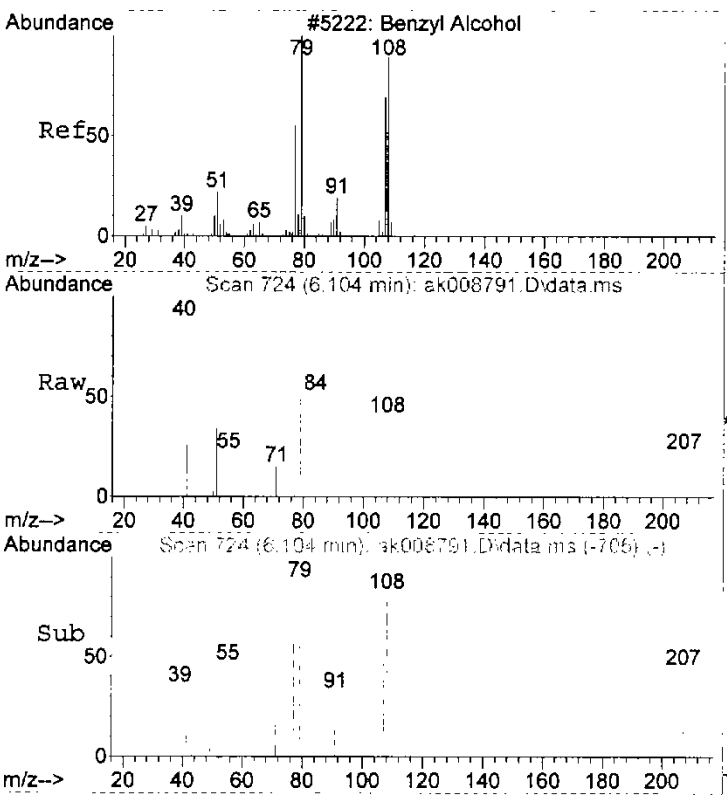


#8
Phenol
Concen: 441.69 ug/L
RT: 5.644 min Scan# 638
Delta R.T. 0.009 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion: 94 Resp: 119816

Ion	Ratio	Lower	Upper
94	100		
66	26.9	0.0	59.8
65	22.2	0.0	54.2

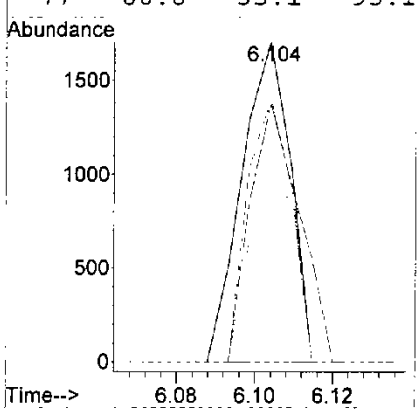


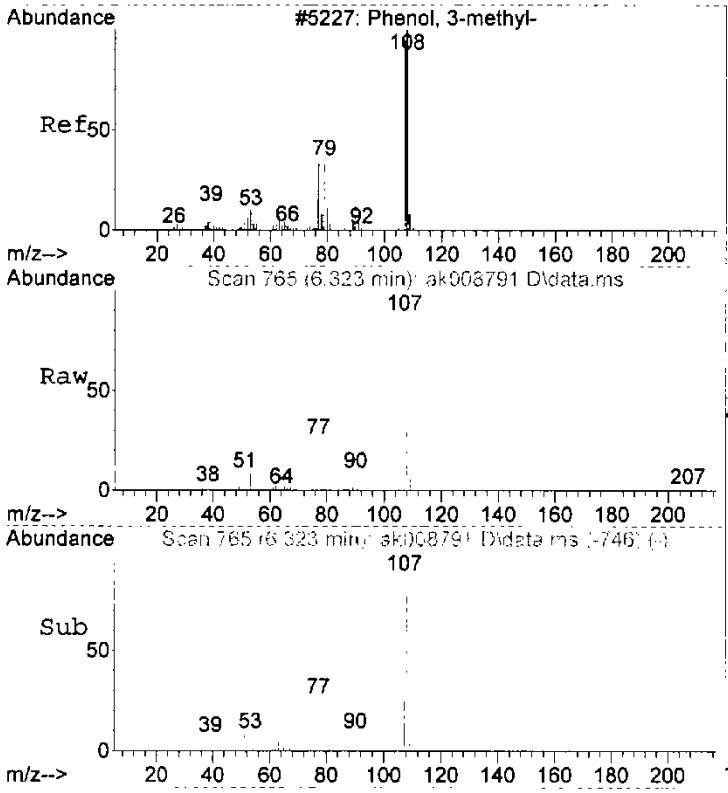


#14
Benzyl alcohol
Concen: 13.37 ug/L
RT: 6.104 min Scan# 724
Delta R.T. 0.001 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion: 79 Resp: 1462

Ion	Ratio	Lower	Upper
79	100		
108	82.3	51.5	111.5
107	50.8	27.7	87.7
77	80.8	35.1	95.1

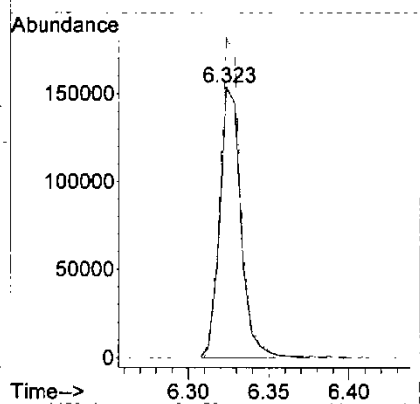


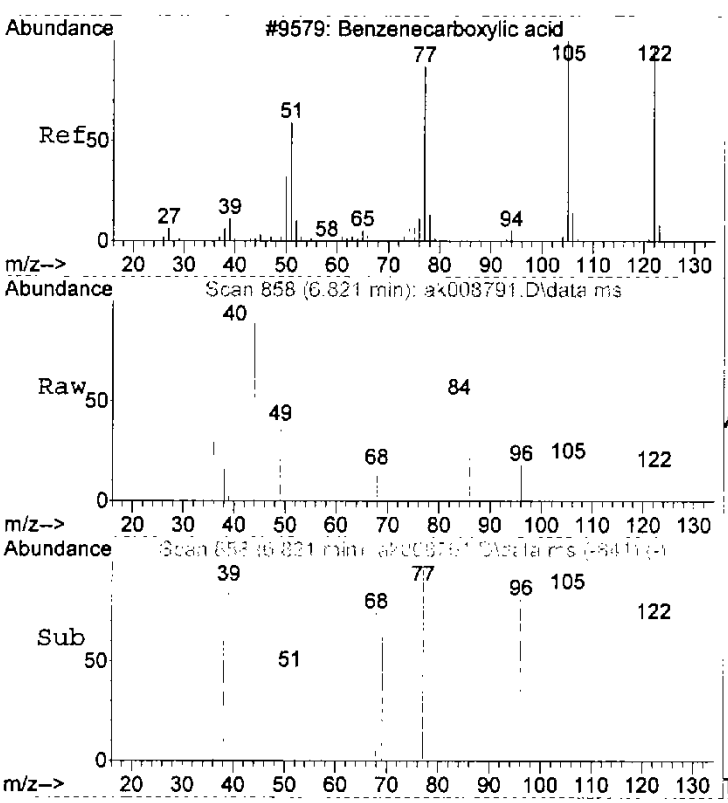


#18
3-&4-Methylphenol
Concen: 634.42 ug/L
RT: 6.323 min Scan# 765
Delta R.T. 0.002 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:108 Resp: 139921

Ion	Ratio	Lower	Upper
108	100		
107	118.4	74.6	134.6
79	21.8	0.0	56.3

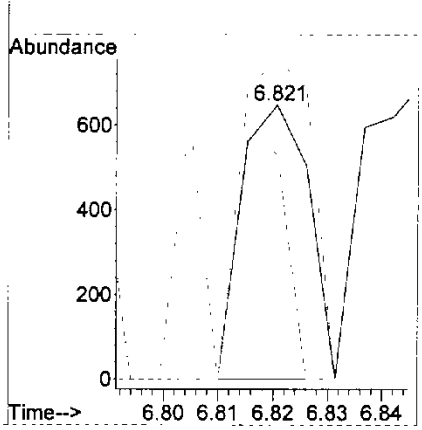


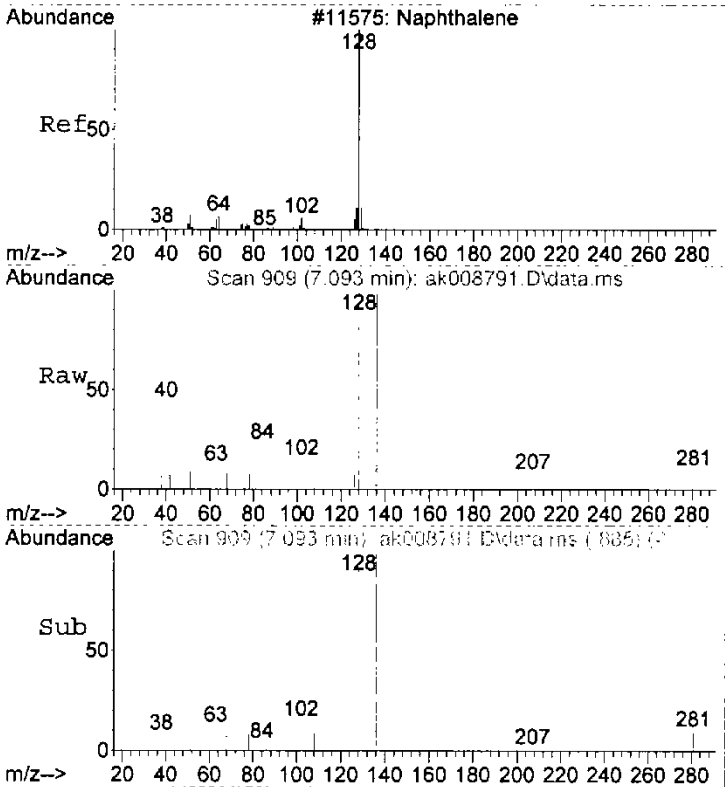


#28
Benzoic Acid
Concen: 505.69 ug/L
RT: 6.821 min Scan# 858
Delta R.T. -0.040 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:105 Resp: 550

Ion	Ratio	Lower	Upper
105	100		
122	82.1	65.9	125.9
77	69.0	57.2	117.2

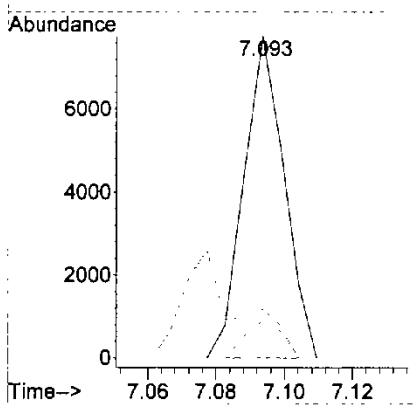


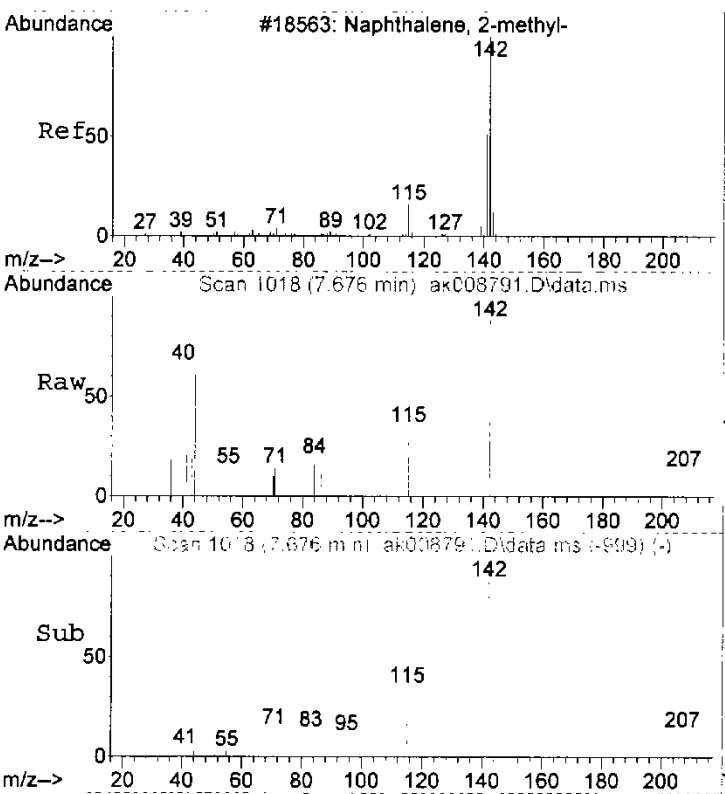


#31
Naphthalene
Concen: 8.52 ug/L
RT: 7.093 min Scan# 909
Delta R.T. -0.002 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:128 Resp: 6358

Ion	Ratio	Lower	Upper
128	100		
102	3.0	0.0	38.5
129	11.5	0.0	41.0

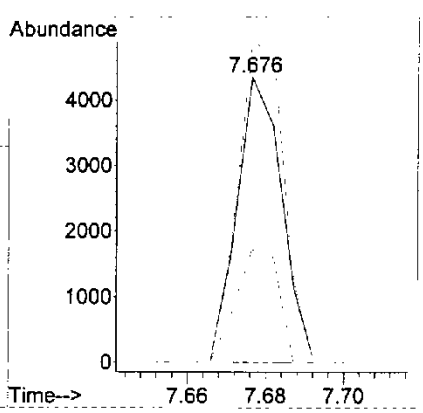


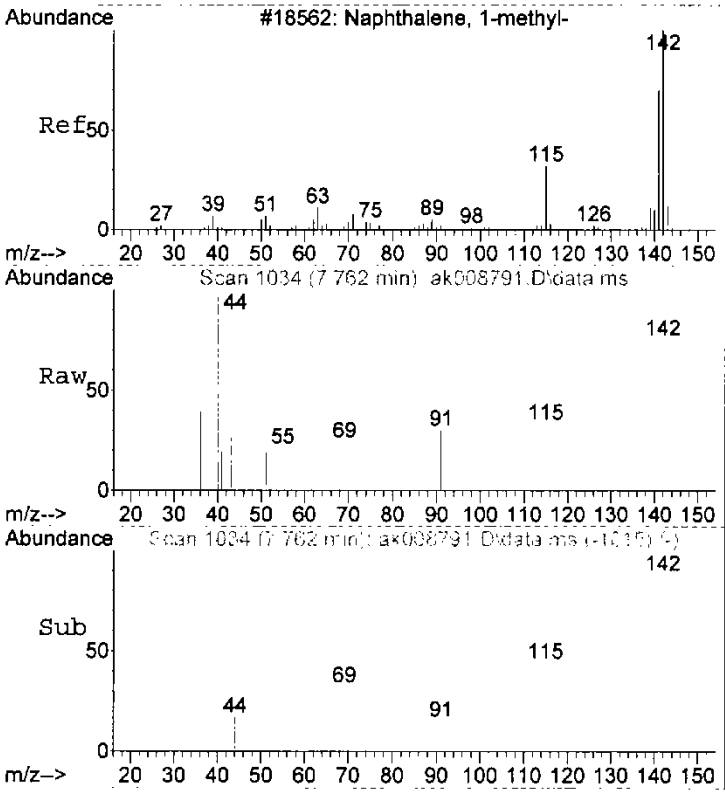


#35
2-Methylnaphthalene
Concen: 9.19 ug/L
RT: 7.676 min Scan# 1018
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:141 Resp: 3444

Ion	Ratio	Lower	Upper
141	100		
115	39.7	4.6	64.6
142	112.6	88.6	148.6

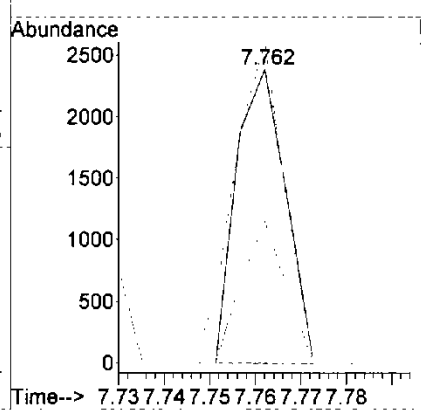


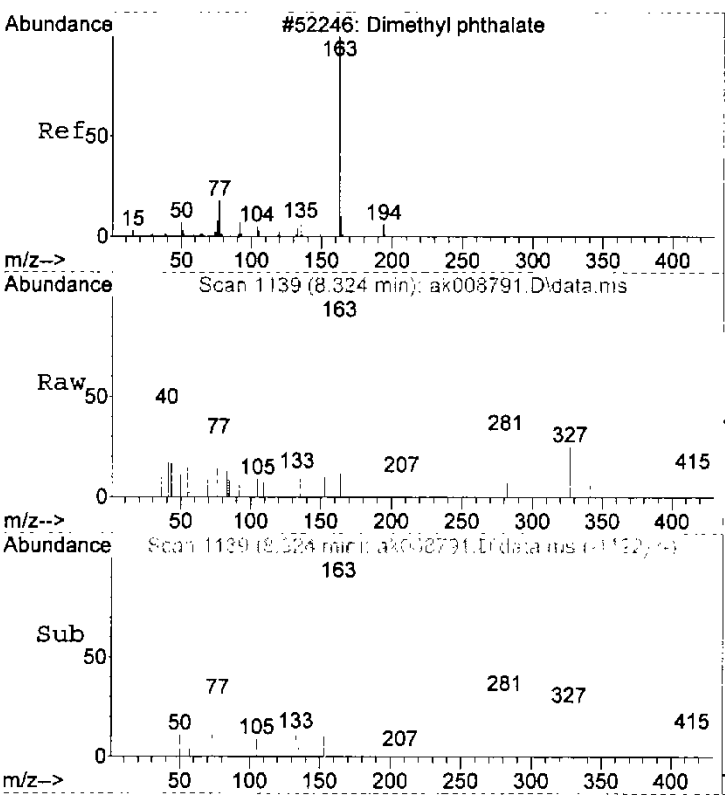


#36
1-Methylnaphthalene
Concen: 4.43 ug/l
RT: 7.762 min Scan# 1034
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:141 Resp: 1772

Ion	Ratio	Lower	Upper
141	100		
115	48.1	6.0	66.0
142	109.3	82.7	142.7

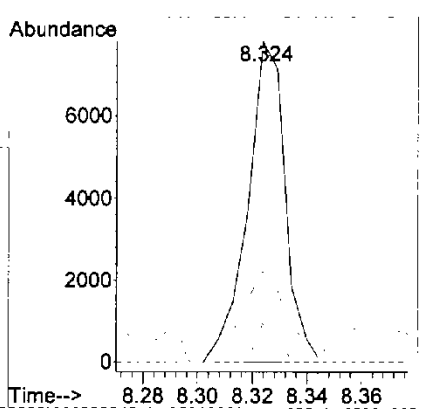


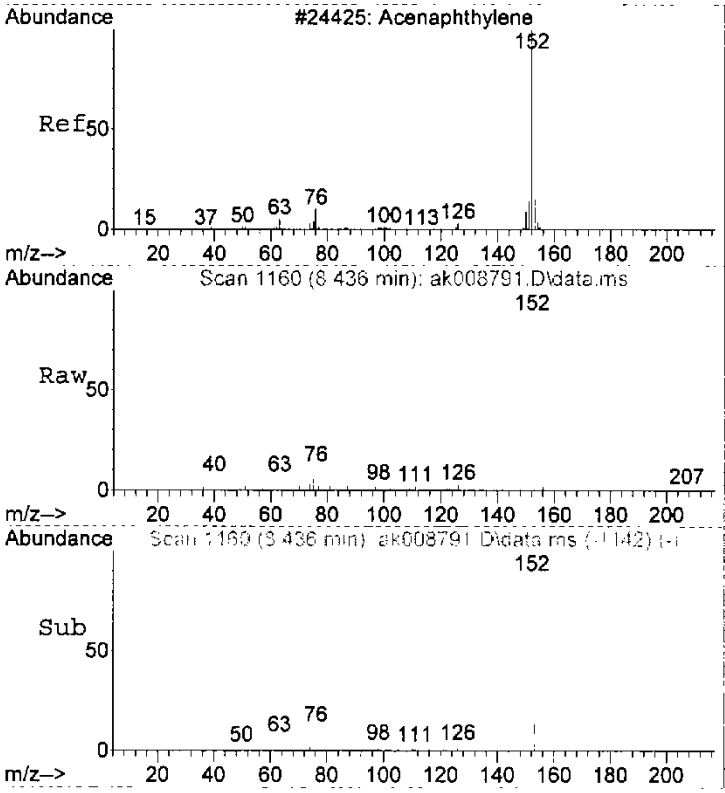


#46
Dimethylphthalate
Concen: 16.31 ug/L
RT: 8.324 min Scan# 1139
Delta R.T. -0.007 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:163 Resp: 7390

Ion	Ratio	Lower	Upper
163	100		
164	12.0	0.0	40.1
77	20.7	0.0	48.6

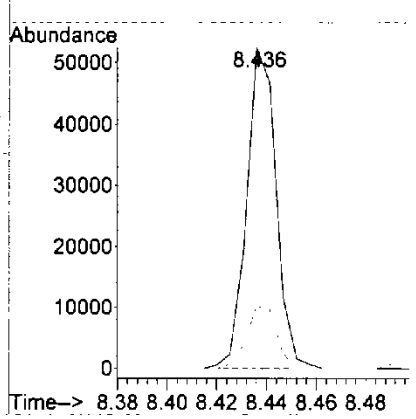


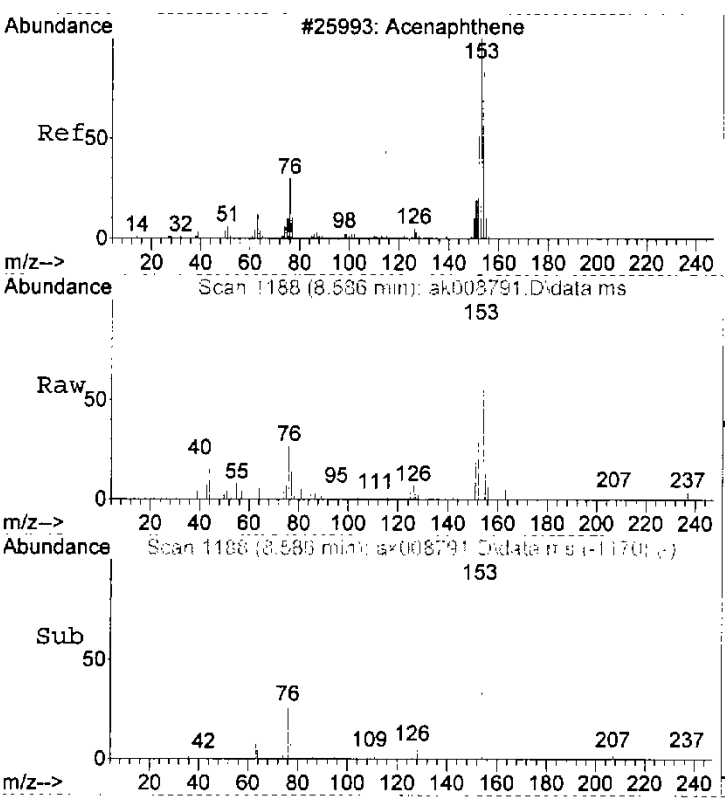


#47
Acenaphthylene
Concen: 63.42 ug/L
RT: 8.436 min Scan# 1160
Delta R.T. -0.004 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:152 Resp: 43243

Ion	Ratio	Lower	Upper
152	100		
151	19.4	0.0	48.7

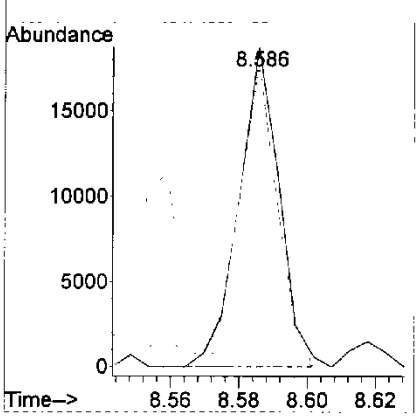


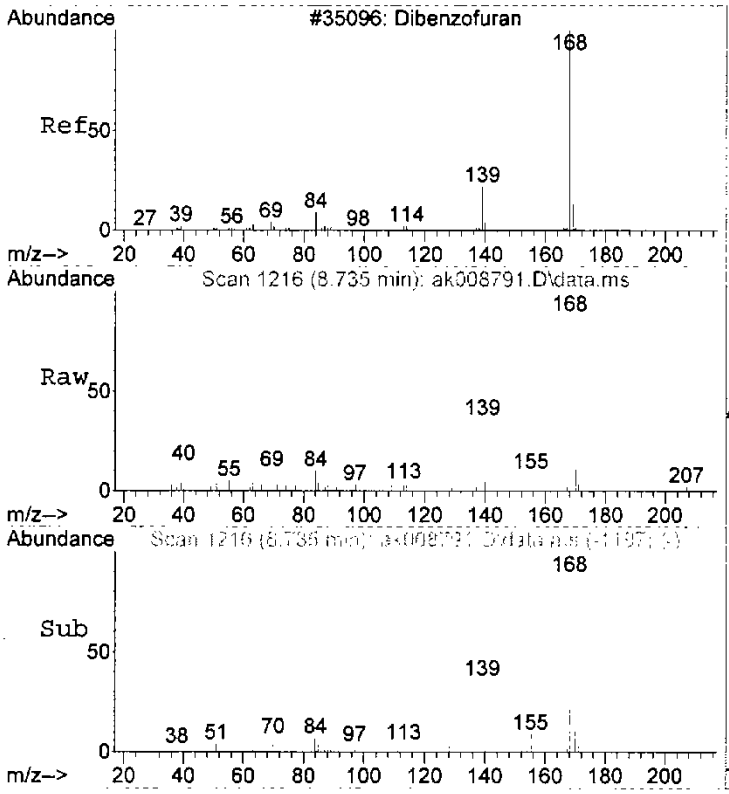


#50
Acenaphthene
Concen: 34.08 ug/L
RT: 8.586 min Scan# 1188
Delta R.T. -0.002 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:153 Resp: 15320

Ion	Ratio	Lower	Upper
153	100		
154	92.3	61.8	121.8
76	15.8	0.0	51.1

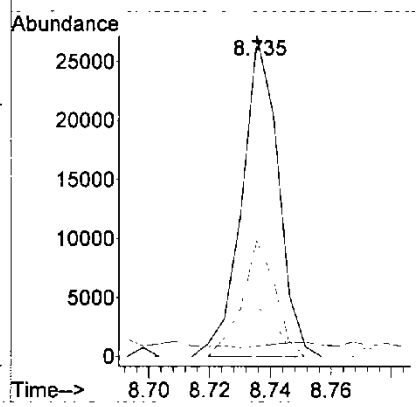


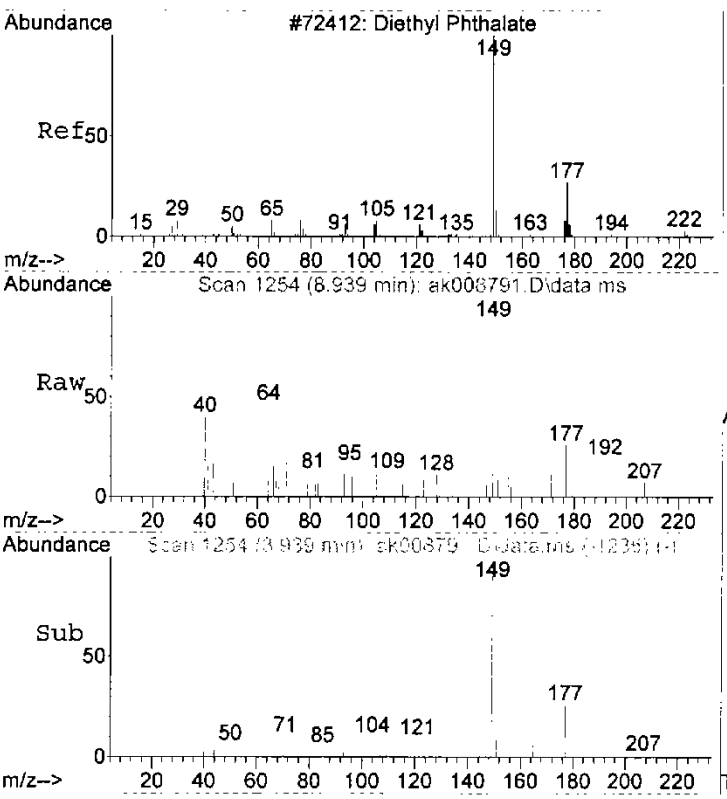


#53
Dibenzofuran
Concen: 37.62 ug/L
RT: 8.735 min Scan# 1216
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:168 Resp: 22436

Ion	Ratio	Lower	Upper
168	100		
139	36.2	7.1	67.1
169	15.7	0.0	43.3
83	0.0	0.0	30.1

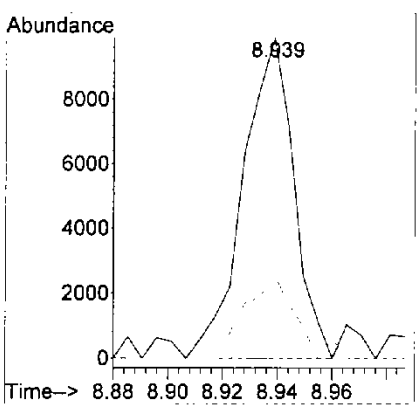


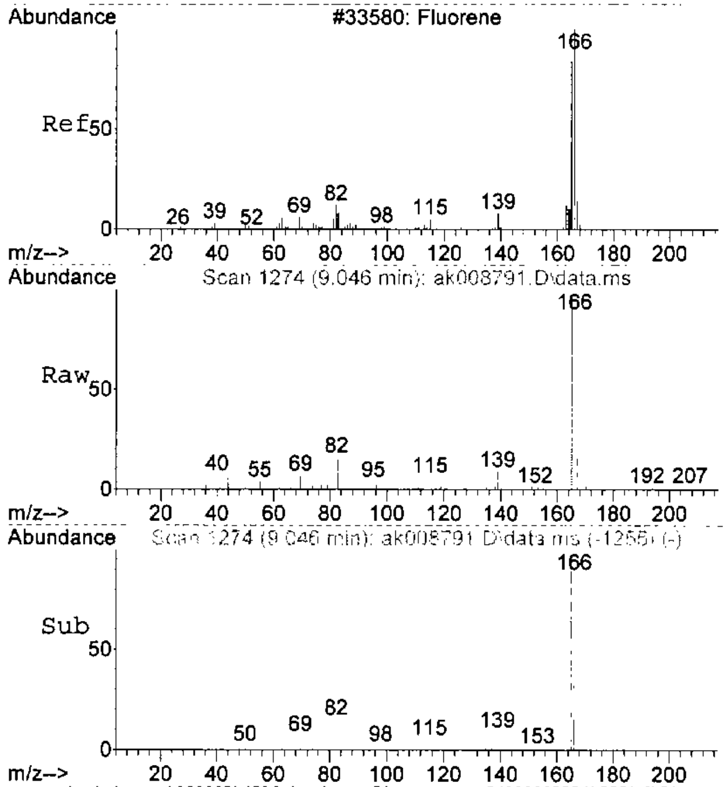


#57
Diethylphthalate
Concen: 19.84 ug/L
RT: 8.939 min Scan# 1254
Delta R.T. -0.005 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:149 Resp: 12656

Ion	Ratio	Lower	Upper
149	100		
177	22.8	0.0	49.3

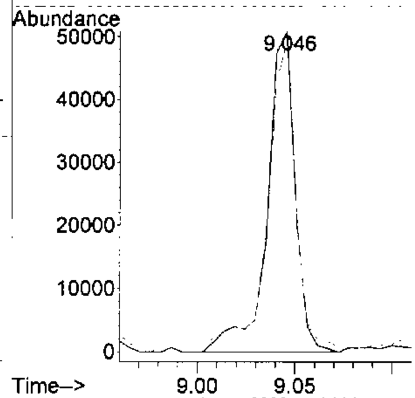


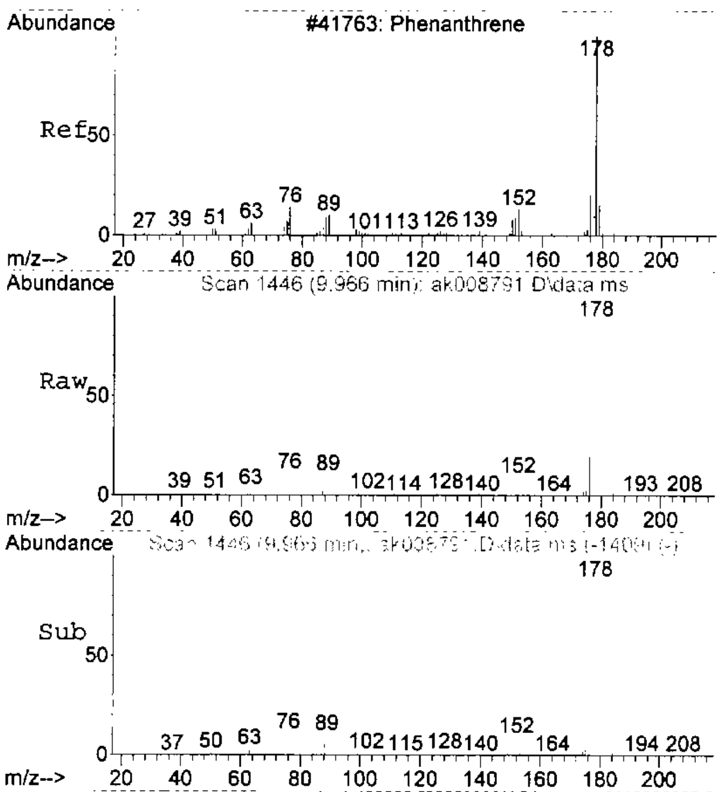


#58
Fluorene
Concen: 113.48 ug/L
RT: 9.046 min Scan# 1274
Delta R.T. 0.004 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:166 Resp: 50650

Ion	Ratio	Lower	Upper
166	100		
165	94.7	65.6	125.6

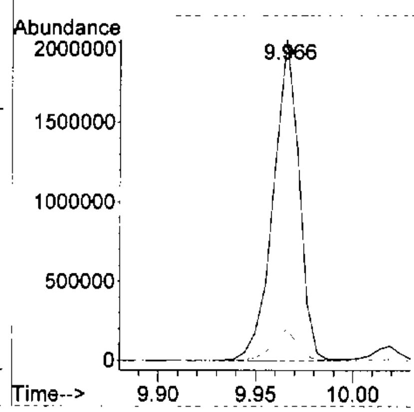


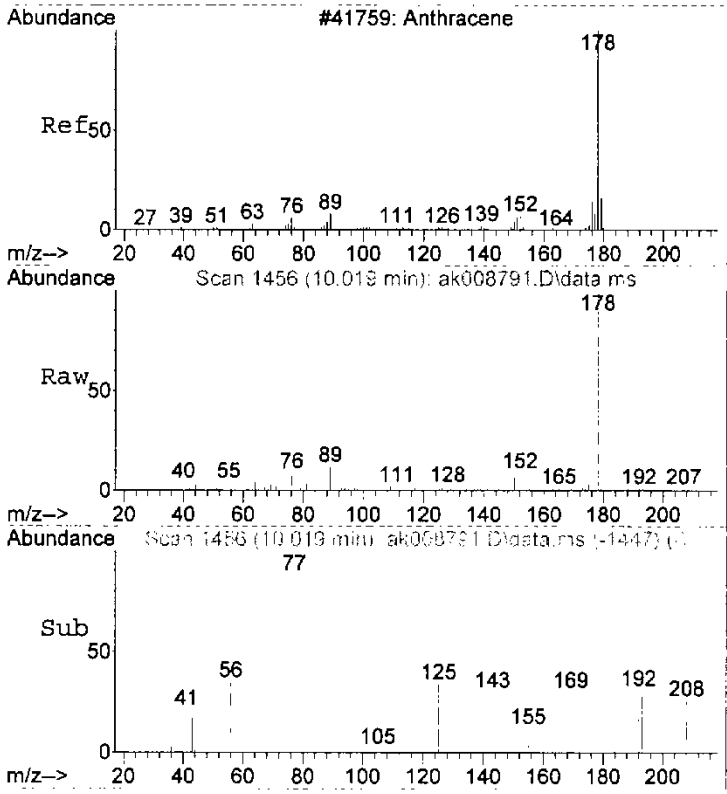


#69
Phenanthrene
Concen: 2906.11 ug/L
RT: 9.966 min Scan# 1446
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:178 Resp: 1855636

Ion	Ratio	Lower	Upper
178	100		
152	9.4	0.0	43.2

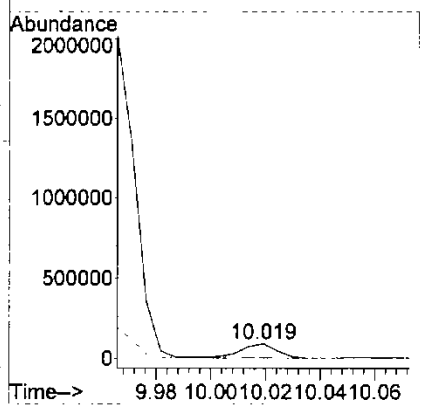


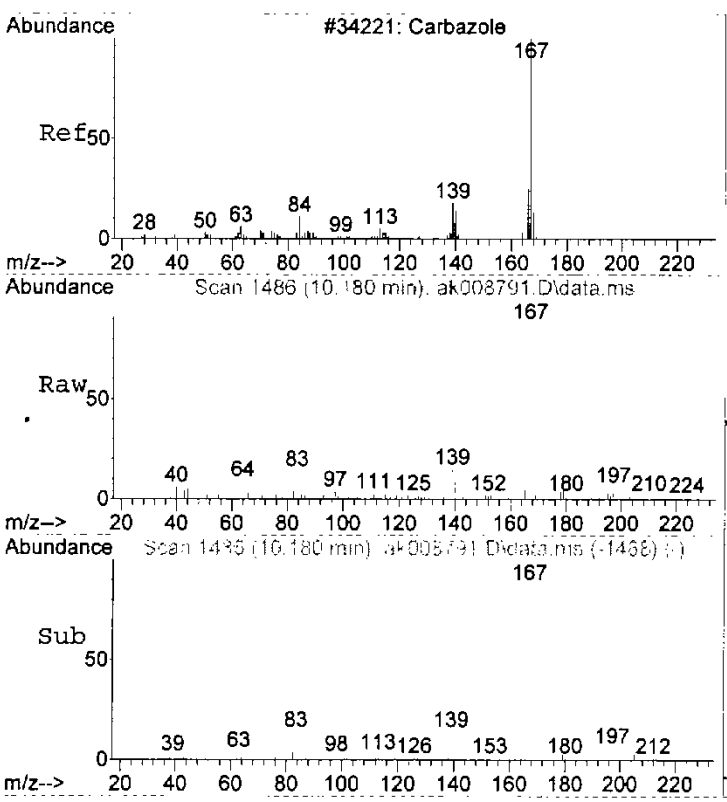


#70
Anthracene
Concen: 140.93 ug/L
RT: 10.019 min Scan# 1456
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:178 Resp: 80327

Ion	Ratio	Lower	Upper
178	100		
152	7.1	0.0	36.8

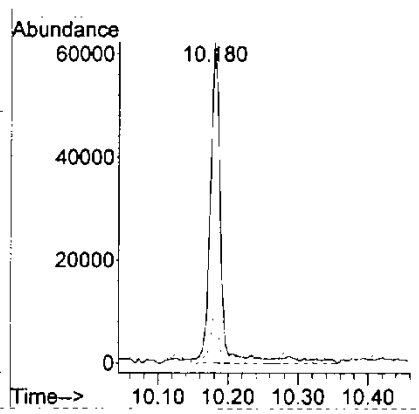


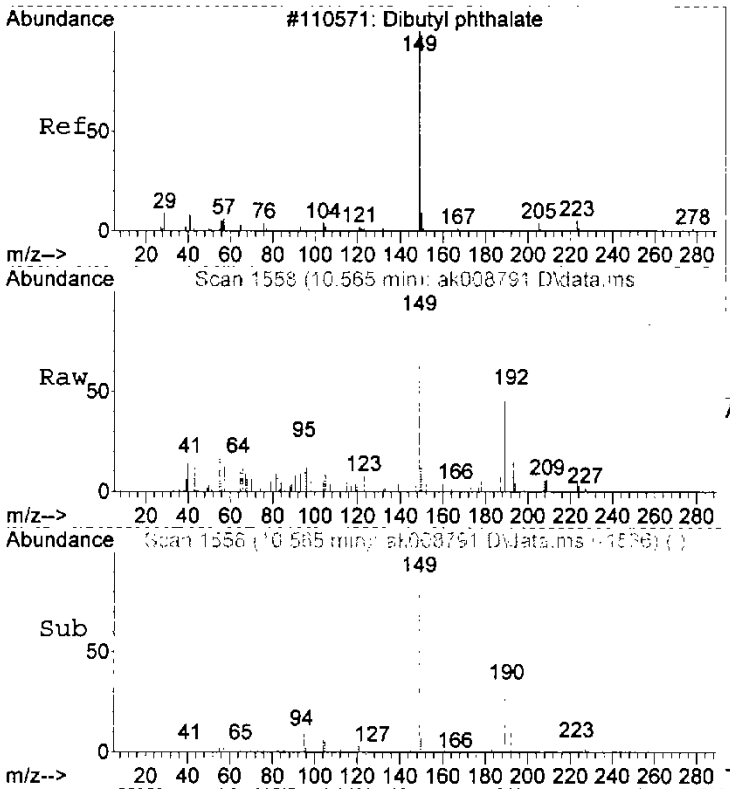


#72
Carbazole
Concen: 155.43 ug/L
RT: 10.180 min Scan# 1486
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:167 Resp: 67186

Ion	Ratio	Lower	Upper
167	100		
139	13.6	0.0	47.5

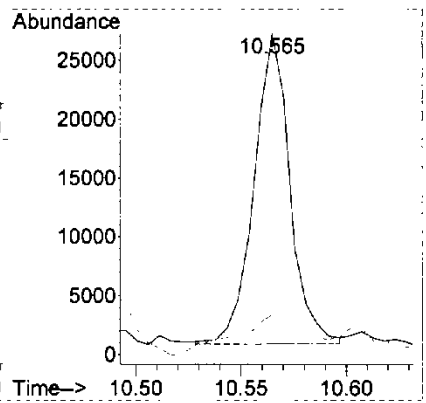


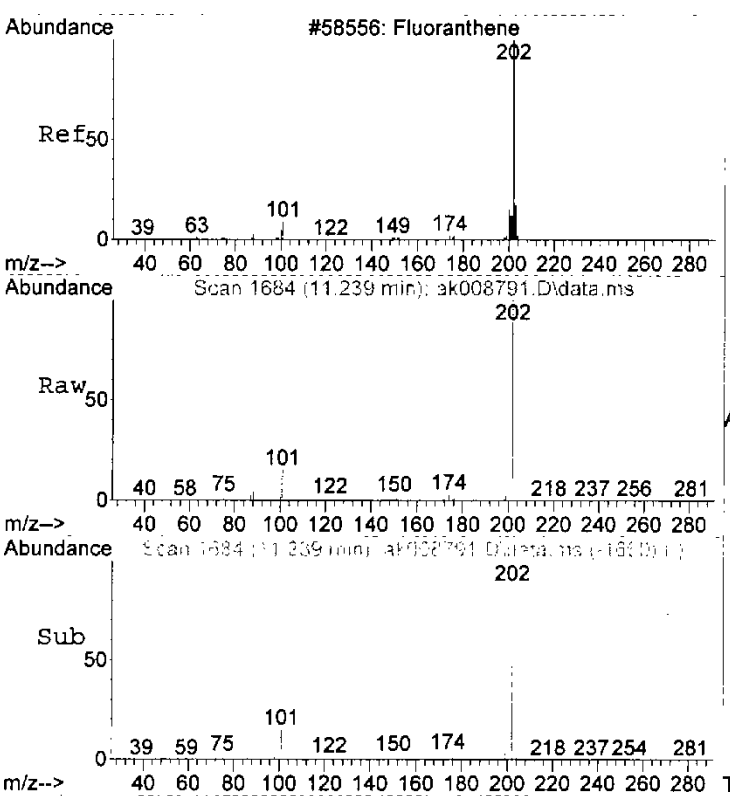


#73
Di-n-butylphthalate
Concen: 39.06 ug/L
RT: 10.565 min Scan# 1558
Delta R.T. -0.010 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:149 Resp: 31109

Ion	Ratio	Lower	Upper
149	100		
150	8.6	0.0	39.0

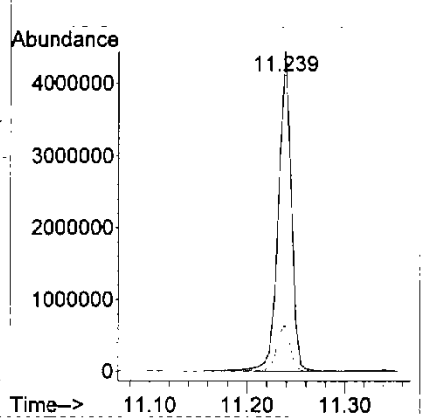


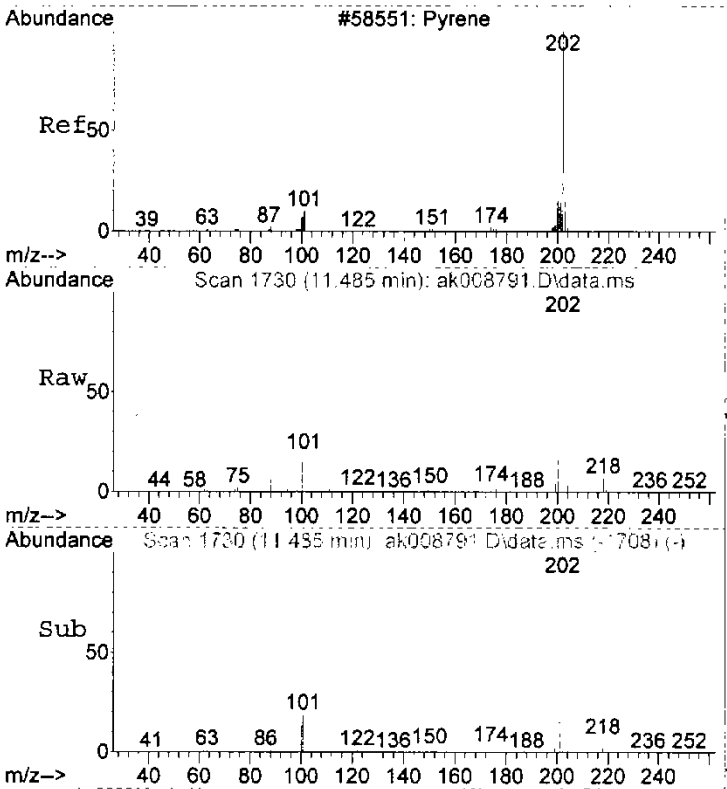


#74
Fluoranthene
Concen: 7298.16 ug/L
RT: 11.239 min Scan# 1684
Delta R.T. 0.001 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:202 Resp: 4081088

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	44.4

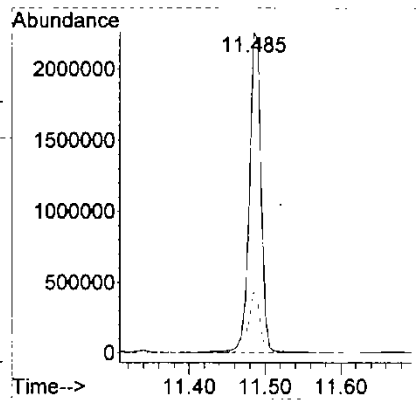


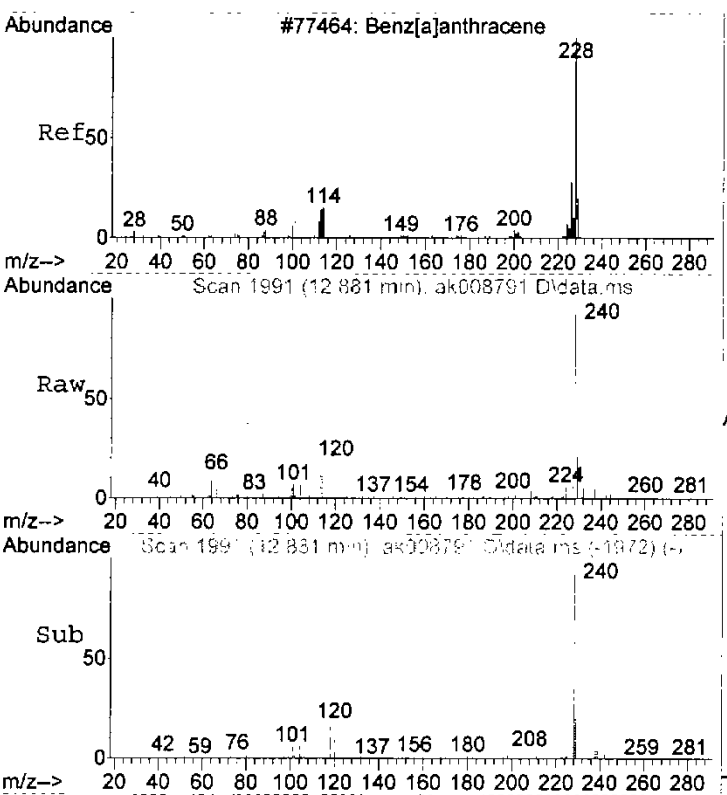


#75
Pyrene
Concen: 4101.73 ug/L
RT: 11.485 min Scan# 1730
Delta R.T. -0.010 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:202 Resp: 2434666

Ion	Ratio	Lower	Upper
202	100		
101	19.3	0.0	46.9

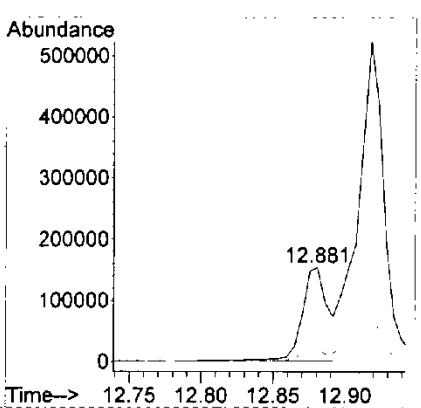


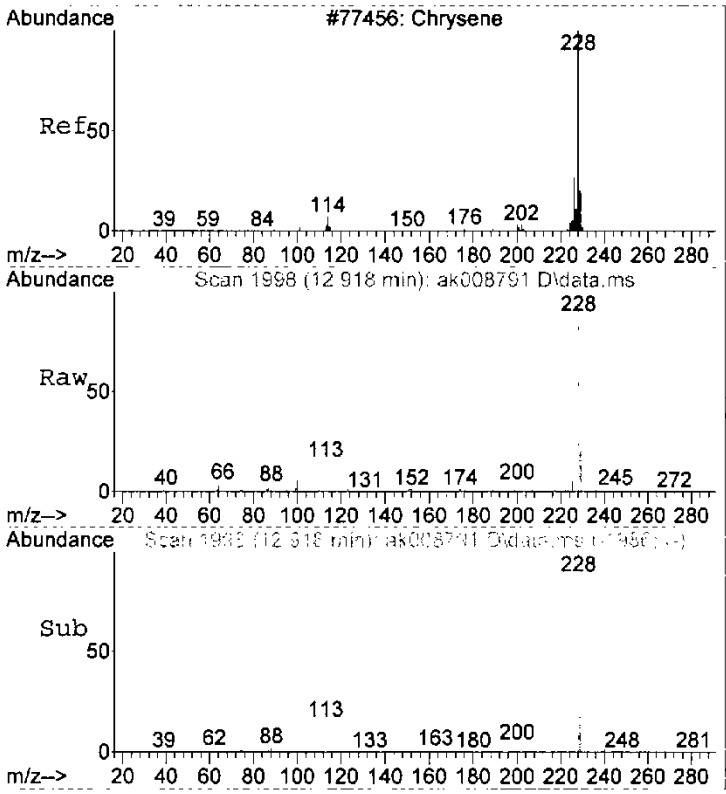


#80
Benzo(a)anthracene
Concen: 460.85 ug/L
RT: 12.881 min Scan# 1991
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:228 Resp: 191424

Ion	Ratio	Lower	Upper
228	100		
113	10.8	0.0	41.7

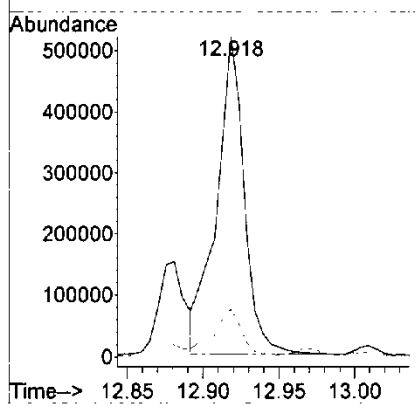


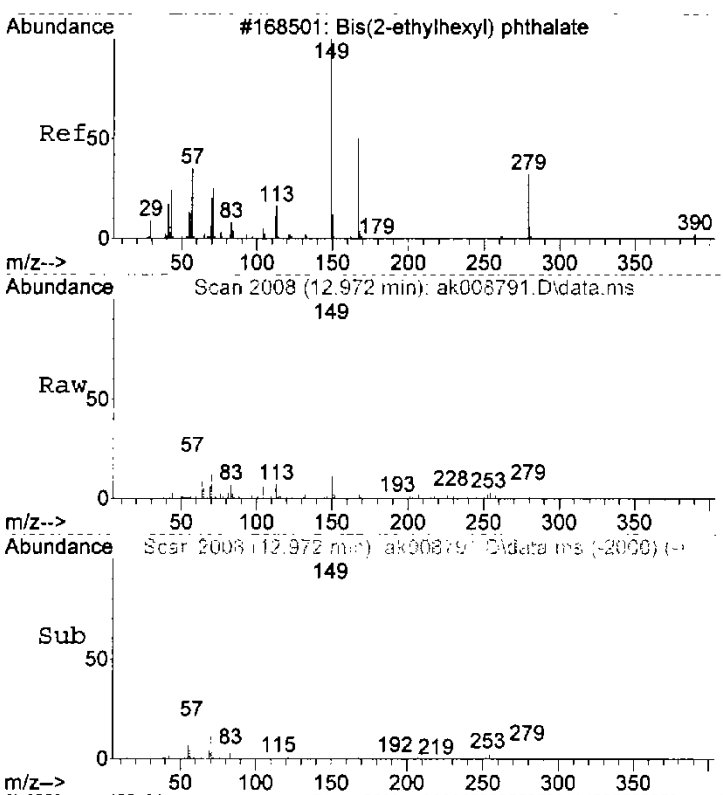


#82
Chrysene
Concen: 1575.93 ug/L
RT: 12.918 min Scan# 1998
Delta R.T. 0.000 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:228 Resp: 659139

Ion	Ratio	Lower	Upper
228	100		
113	14.2	0.0	44.5

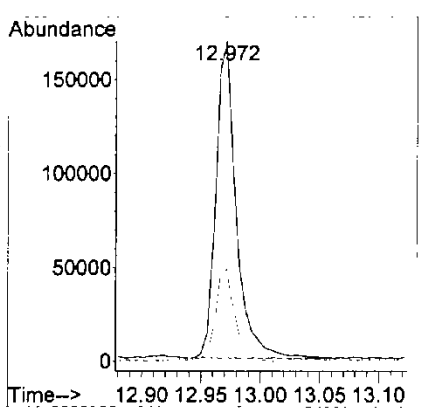


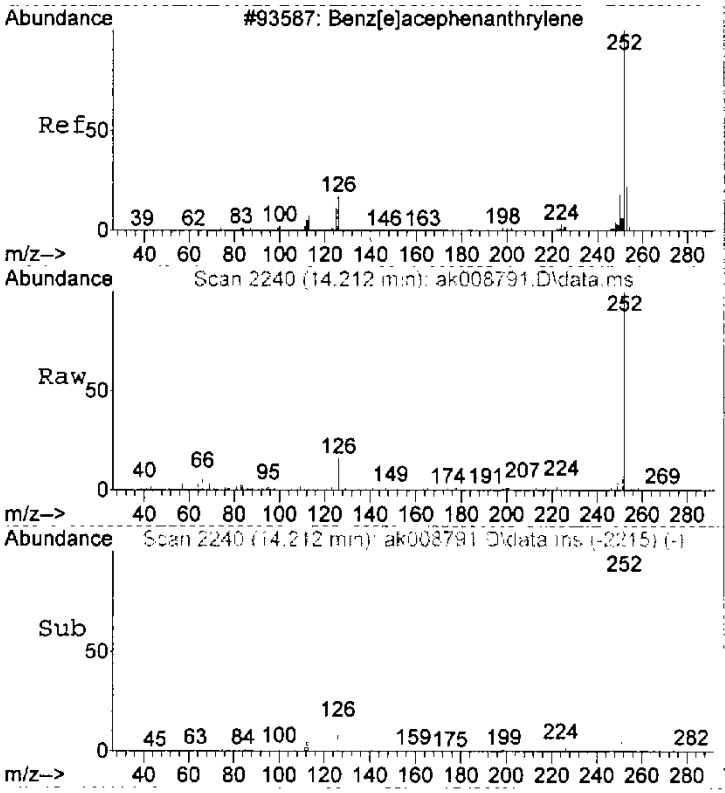


#83
bis(2-Ethylhexyl)phthalate
Concen: 642.54 ug/L
RT: 12.972 min Scan# 2008
Delta R.T. -0.059 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:149 Resp: 201284

Ion	Ratio	Lower	Upper
149	100		
167	28.9	0.4	60.4
279	6.6	0.0	35.8

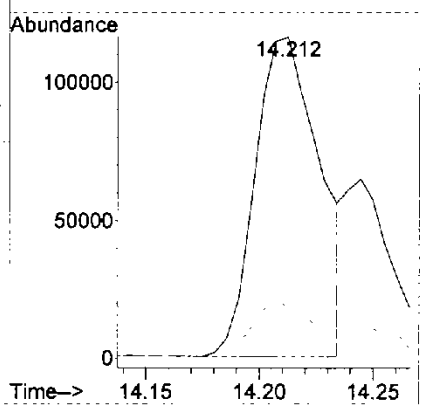


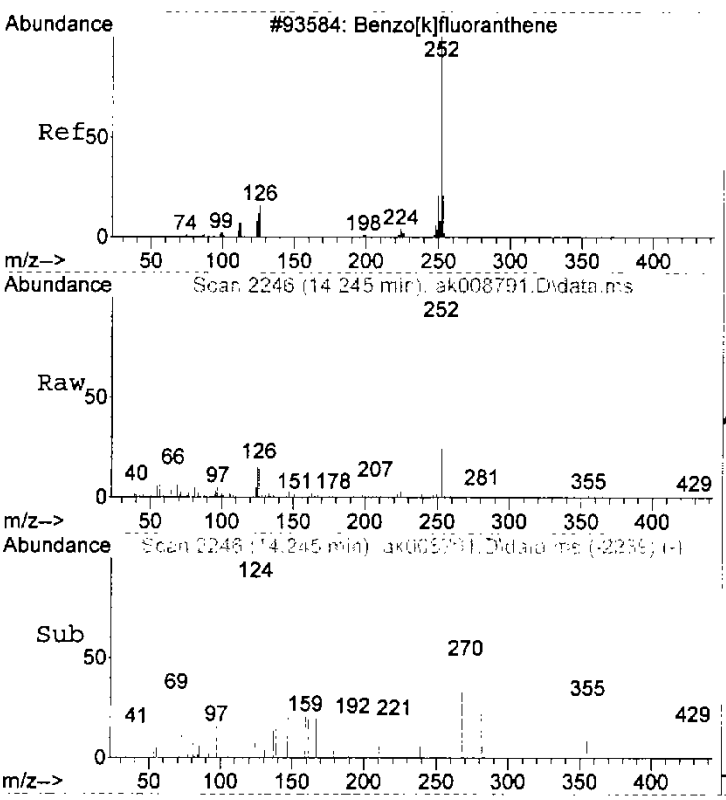


#86
Benzo(b)fluoranthene
Concen: 630.90 ug/l
RT: 14.212 min Scan# 2240
Delta R.T. 0.005 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:252 Resp: 227295

Ion	Ratio	Lower	Upper
252	100		
126	17.3	0.0	46.6

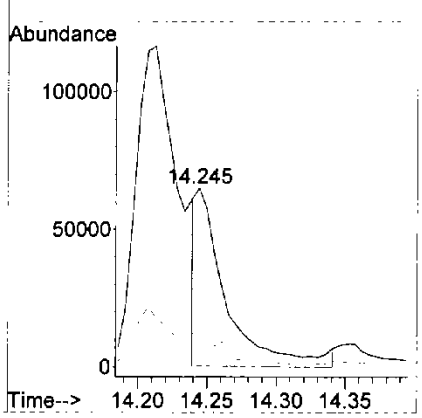


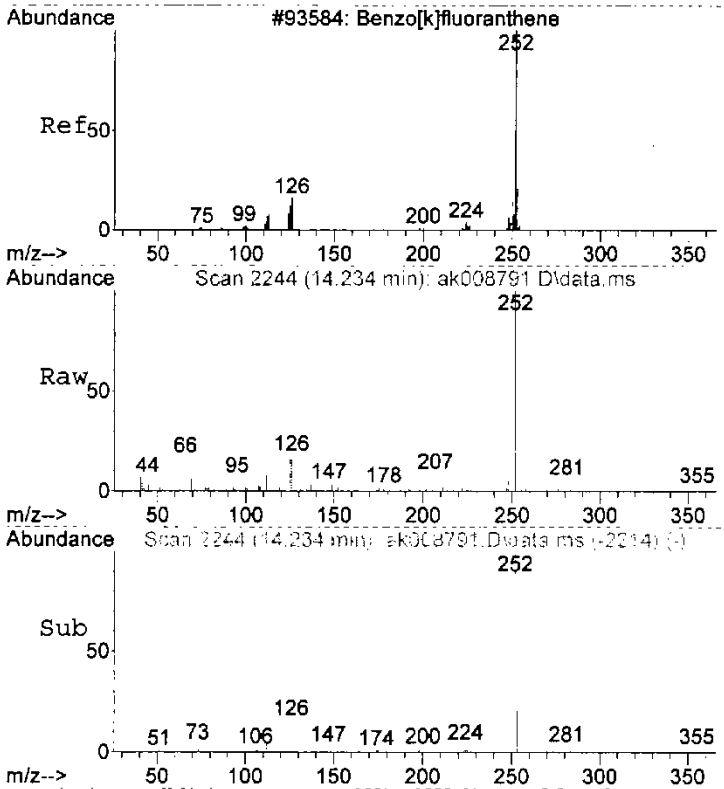


#87
Benzo(k)fluoranthene
Concen: 258.74 ug/l m
RT: 14.245 min Scan# 2246
Delta R.T. -0.001 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:252 Resp: 96588

Ion	Ratio	Lower	Upper
252	100		
126	0.0	0.0	49.1

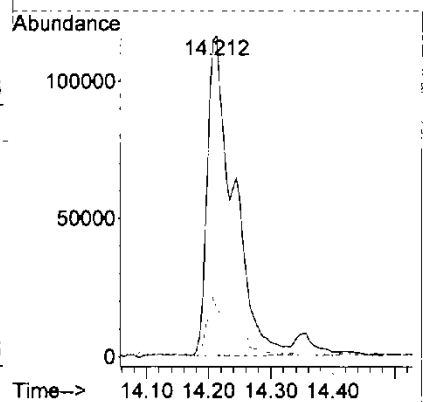


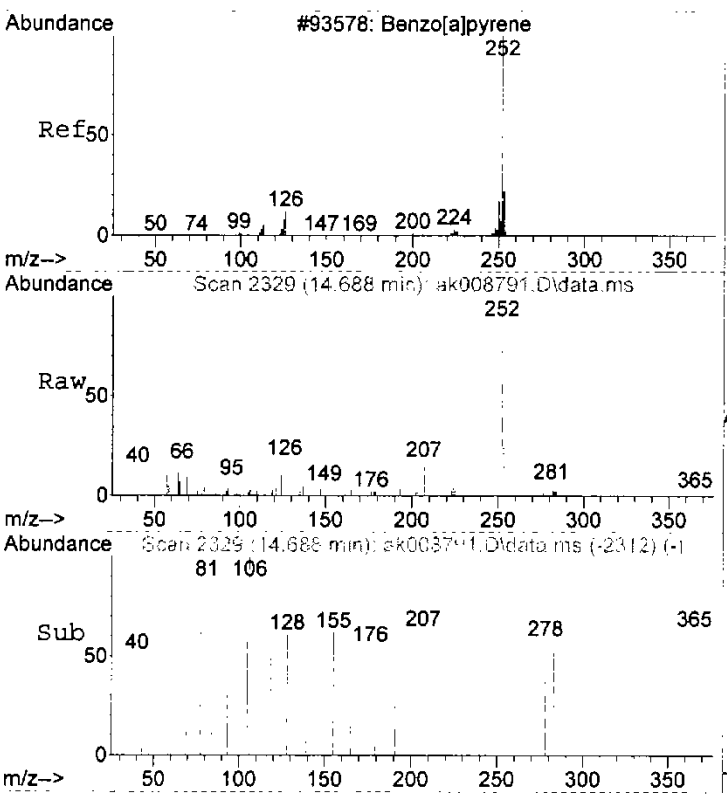


#88
Benzofluoranthenes
Concen: 860.24 ug/L
RT: 14.235 min Scan# 2244
Delta R.T. -0.047 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:252 Resp: 356420

Ion	Ratio	Lower	Upper
252	100		
126	16.8	0.0	44.0

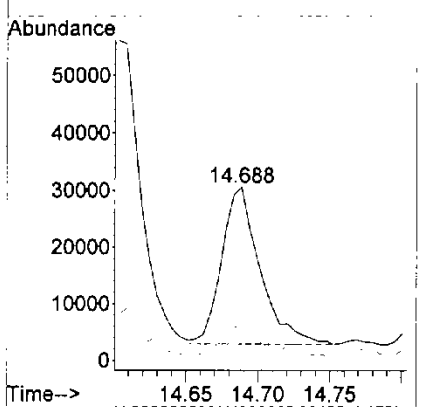


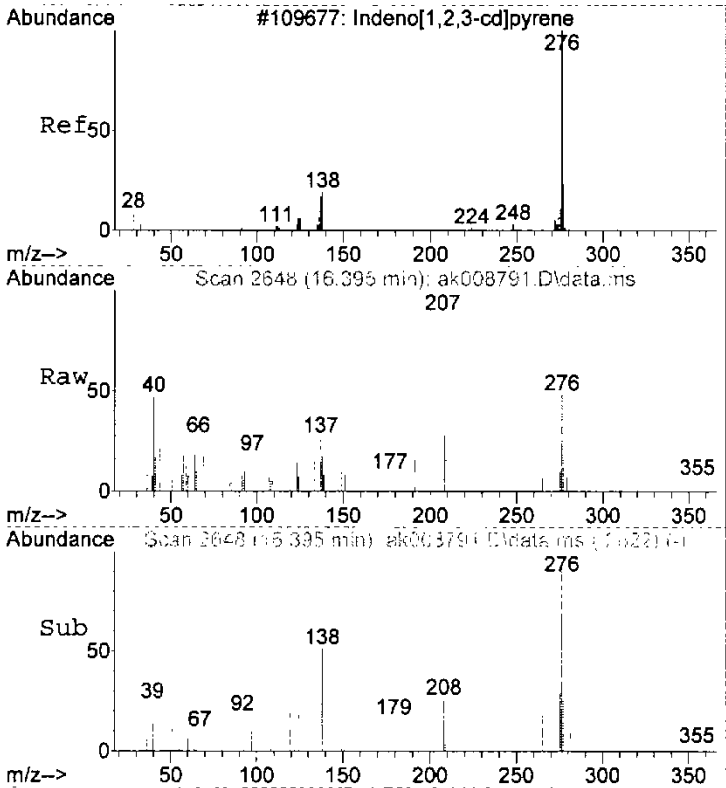


#89
Benzo(a)pyrene
Concen: 178.80 ug/L
RT: 14.688 min Scan# 2329
Delta R.T. -0.008 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:252 Resp: 51147

Ion	Ratio	Lower	Upper
252	100		
126	16.6	0.0	46.5

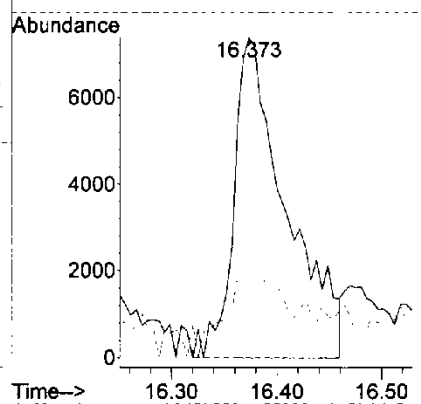


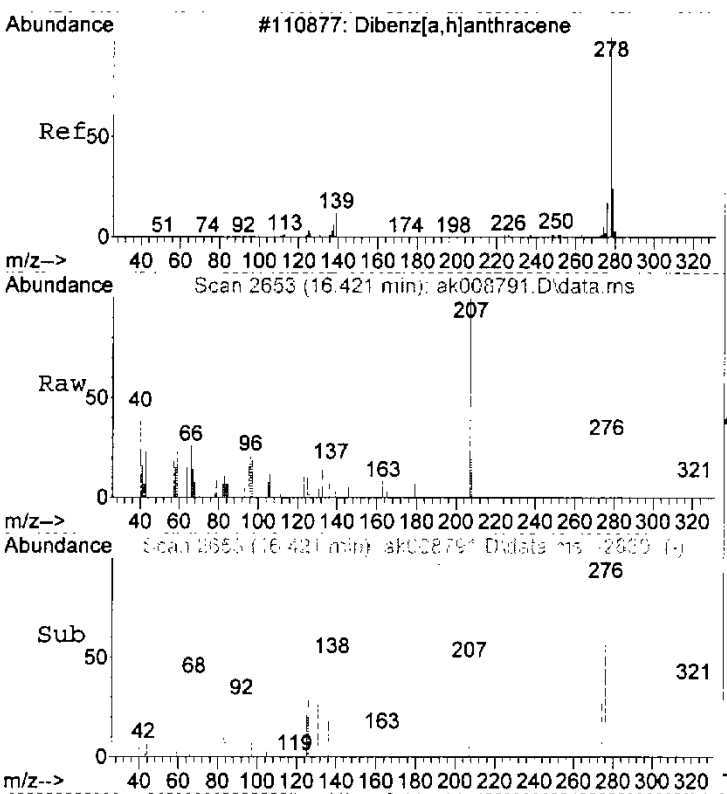


#90
Indeno(1,2,3-cd)pyrene
Concen: 136.41 ug/L
RT: 16.392 min Scan# 2648
Delta R.T. -0.004 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:276 Resp: 25439

Ion	Ratio	Lower	Upper
276	100		
138	21.4	0.0	57.8

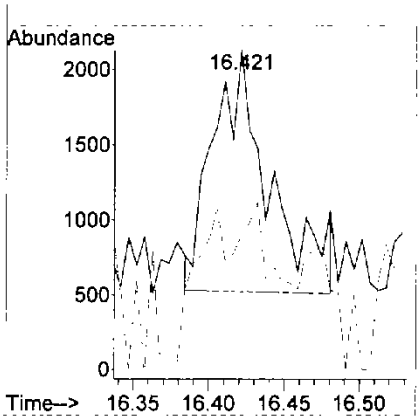


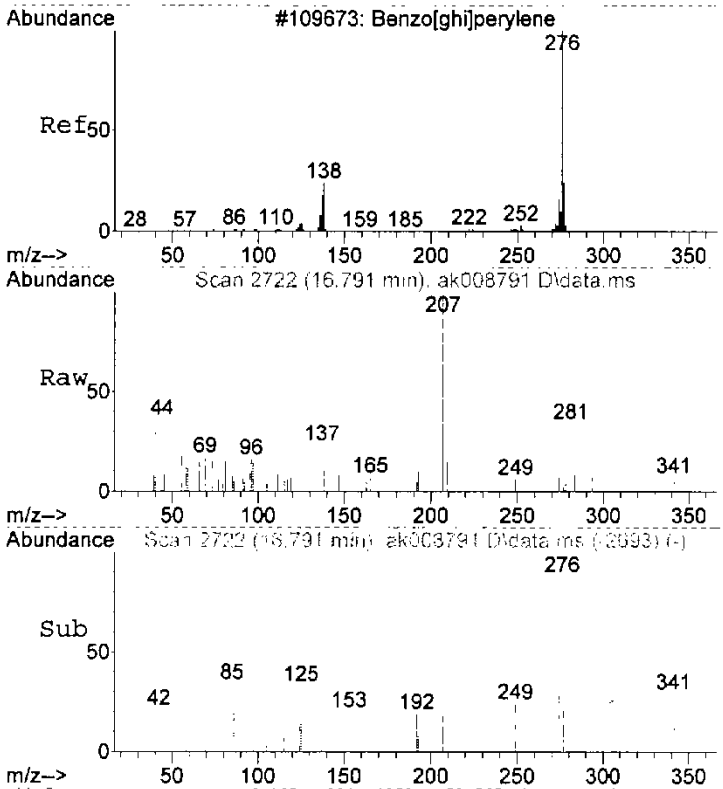


#91
Dibenz(a,h)anthracene
Concen: 20.31 ug/L m
RT: 16.421 min Scan# 2653
Delta R.T. -0.015 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

Tgt Ion:278 Resp: 4195

Ion	Ratio	Lower	Upper
278	100		
139	42.1	0.0	48.3

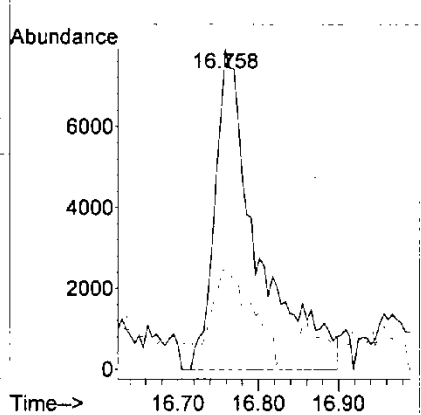




#92
Benzo(g,h,i)perylene
Concen: 107.10 ug/L
RT: 16.788 min Scan# 2722
Delta R.T. 0.014 min
Lab File: ak008791.D
Acq: 5 Apr 2007 1:08

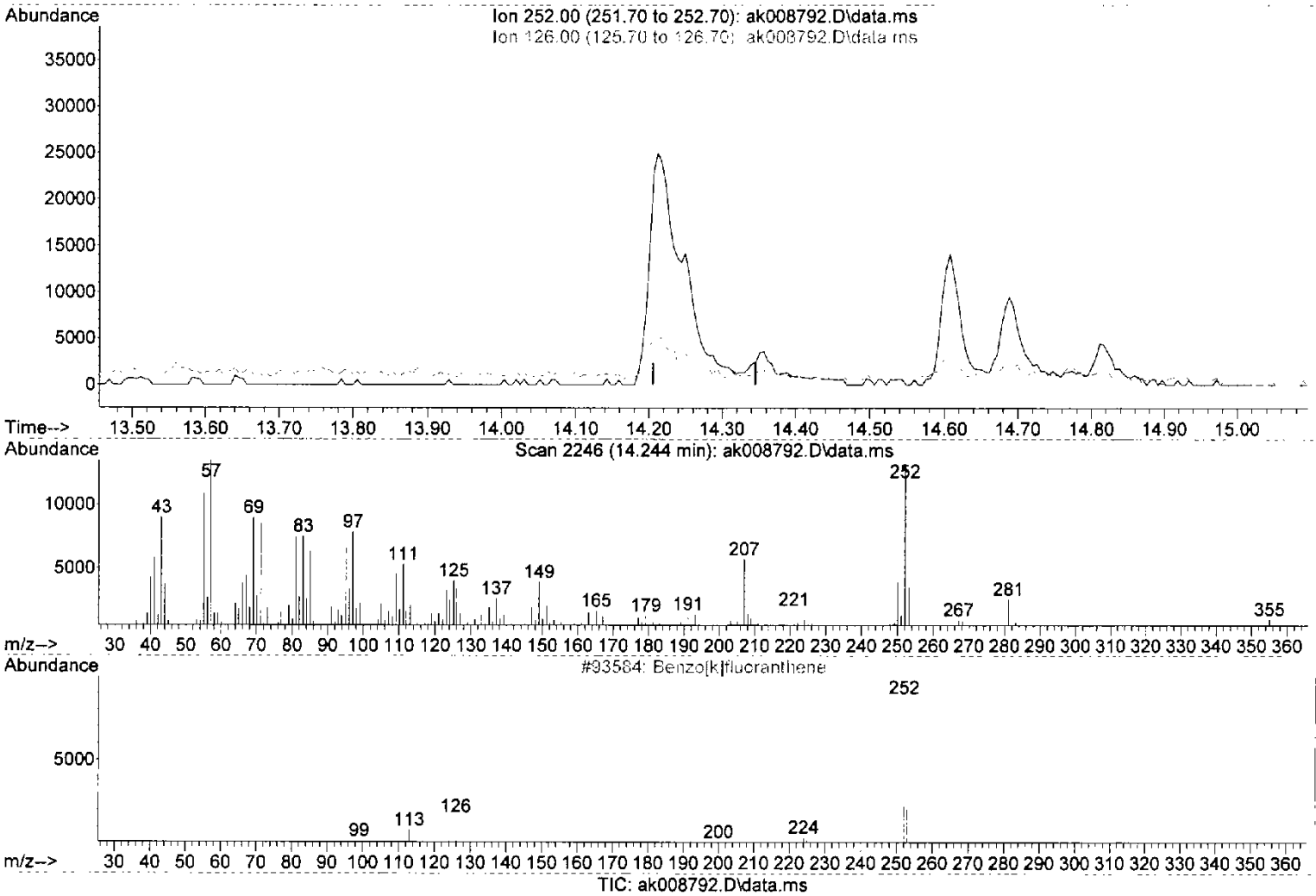
Tgt Ion:276 Resp: 28966

Ion	Ratio	Lower	Upper
276	100		
138	27.5	0.0	56.4



Data File : G:\DATA\040407_a\ak008792.D Vial: 22
Sample : 580-5404-A-14-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:35 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



(87) Benzo(k)fluoranthene (T)

14.245min (-14.245) 0.00ug/l

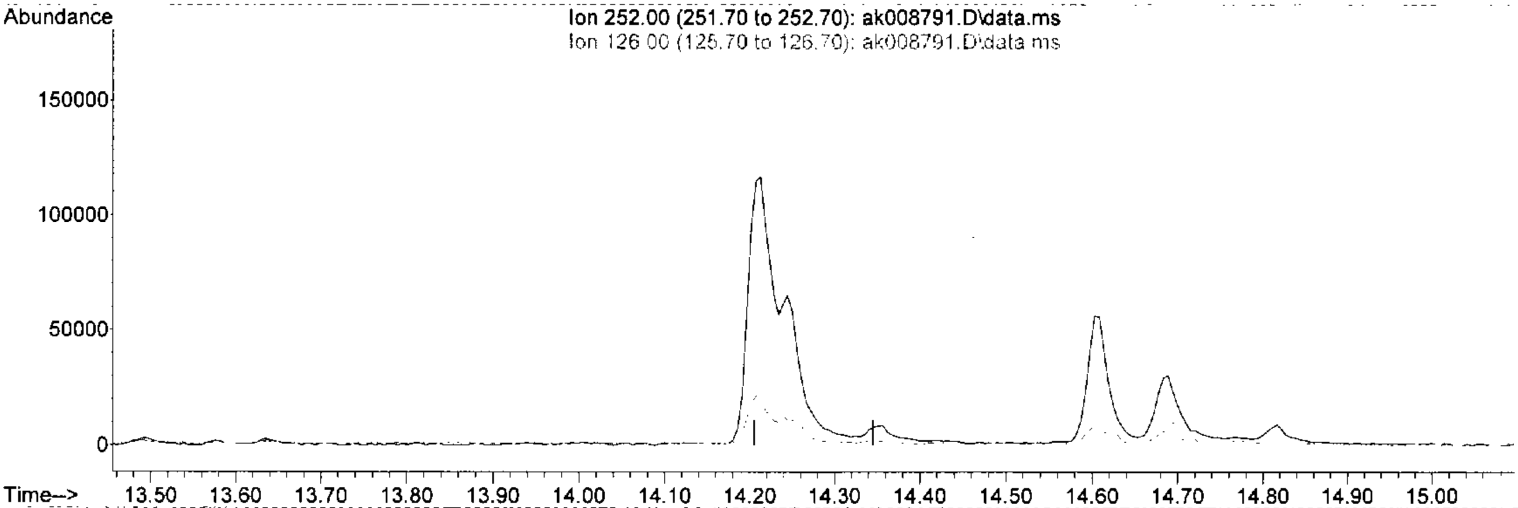
response 0

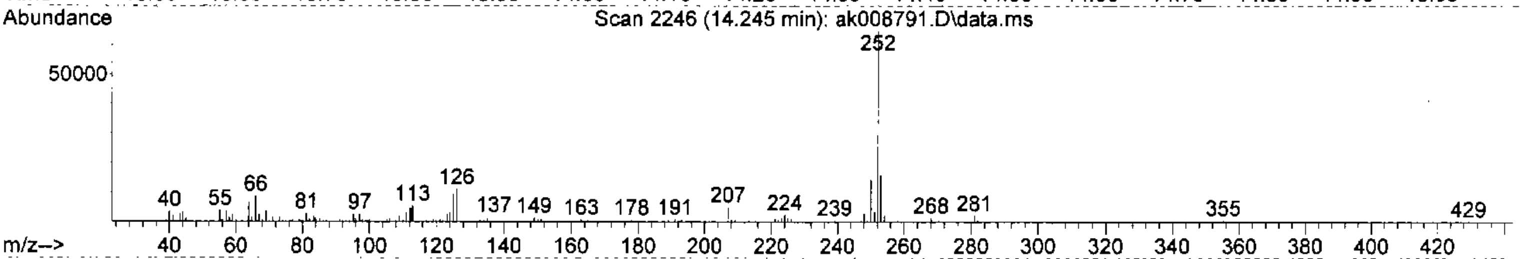
Ion	Exp%	Act%
252.00	100	0.00
126.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

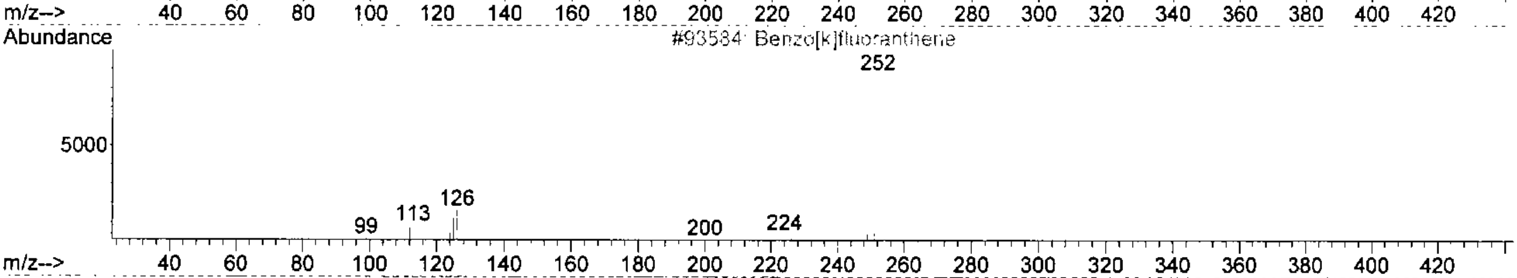
004276

```
Data File : G:\DATA\040407_a\ak008791.D                  Vial: 21
Sample    : 580-5404-A-13-D
Misc      : BT$S40040407A
Acq On    :  5 Apr 2007   1:08                       Operator: CLZ
InstName  : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title  : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES
```







TIC: ak008791.D\data.ms

(87) Benzo(k)fluoranthene (T)

14.245min (-14.245) 0.00ug/l

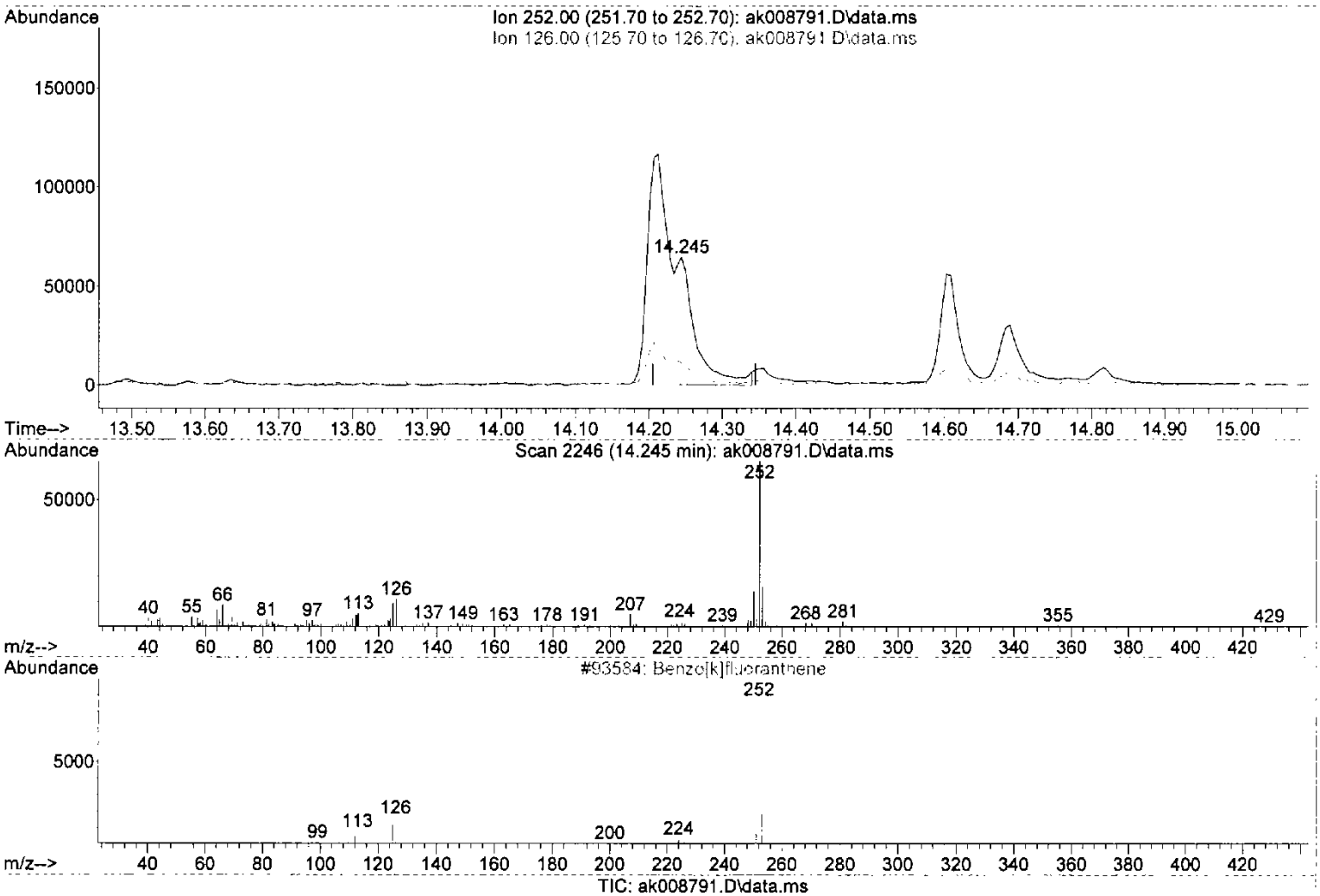
response 0

Ion	Exp%	Act%
252.00	100	0.00
126.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : G:\DATA\040407_a\ak008791.D Vial: 21
Sample : 580-5404-A-13-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:08 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



(87) Benzo(k)fluoranthene (T)

14.245min (-0.001) 258.74ug/l m

response 96588

Ion	Exp%	Act%
252.00	100	100
126.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

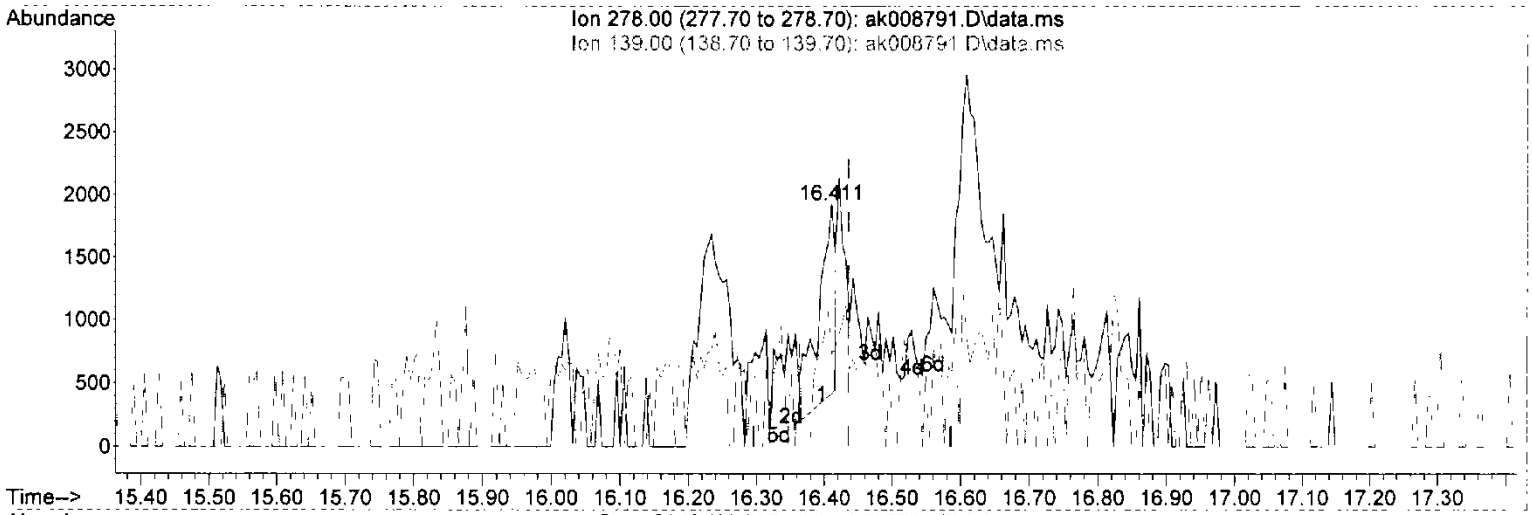
4/5/07

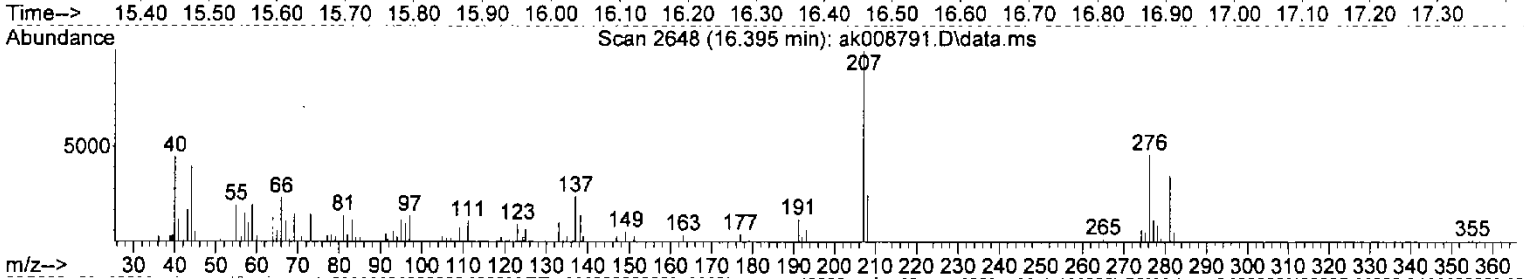
004278

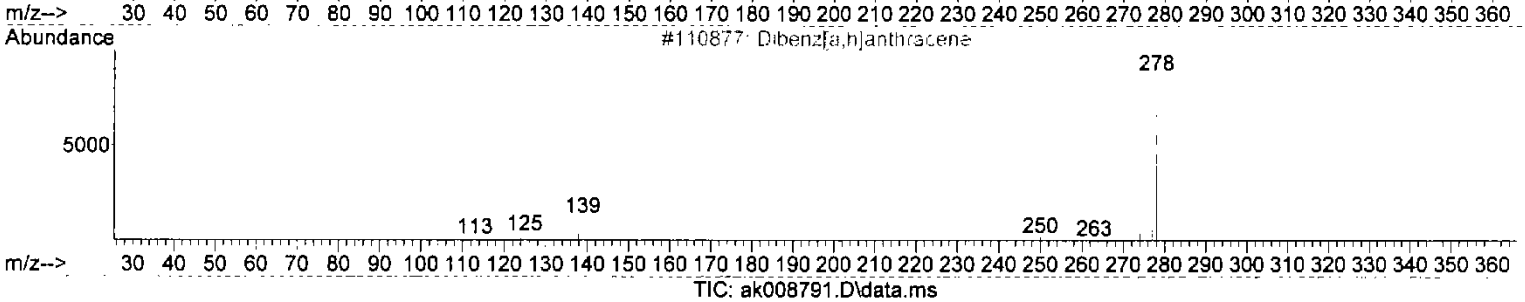
Quantitation Report (Qedit)

Data File : G:\DATA\040407_a\ak008791.D Vial: 21
Sample : 580-5404-A-13-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:08 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES







(91) Dibenz(a,h)anthracene (T)

16.397min (-0.039) 13.03ug/L

response 2692

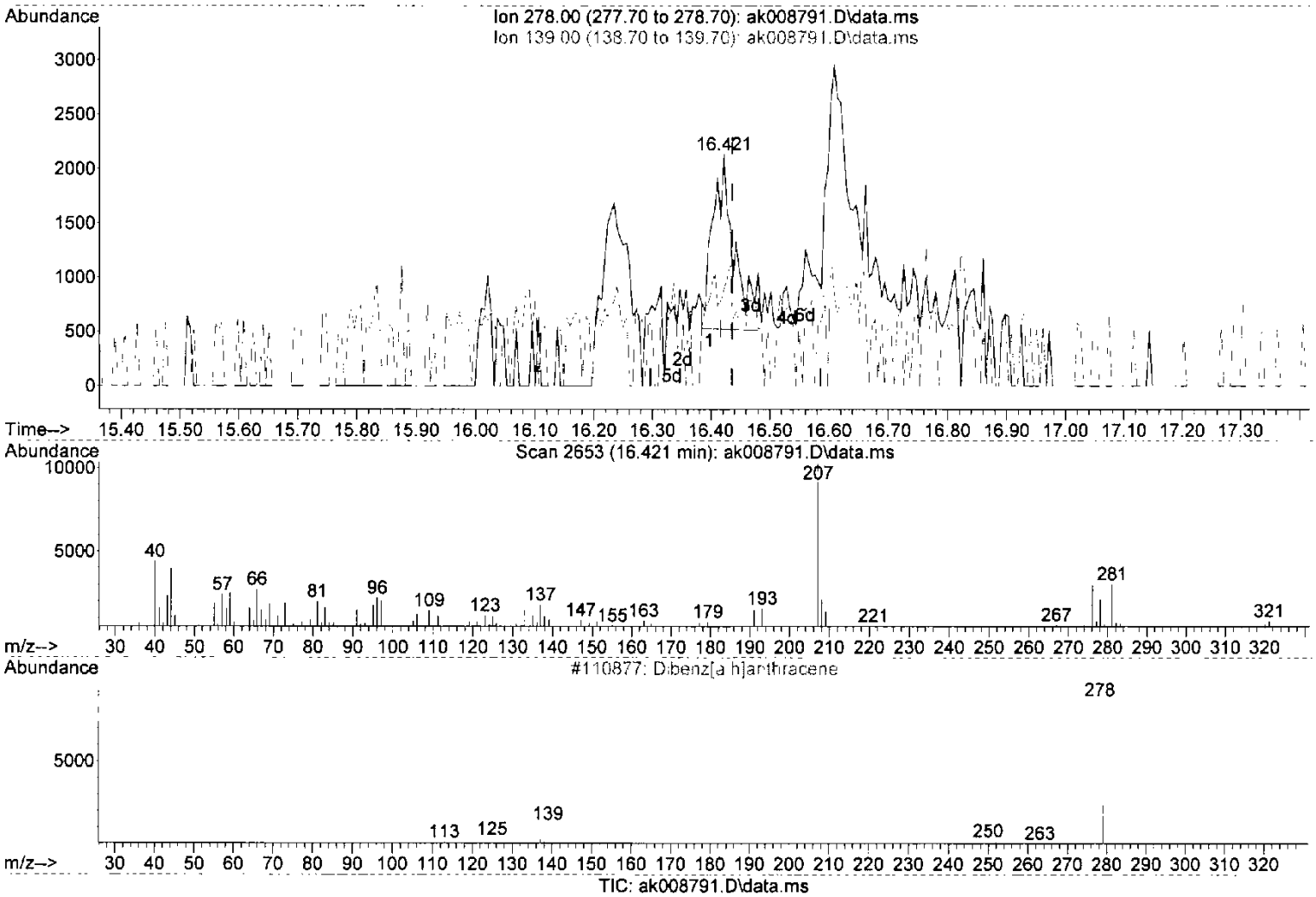
Ion	Exp%	Act%
278.00	100	100
139.00	18.30	0.00
0.00	0.00	0.00
0.00	0.00	0.00

004279

Quantitation Report (Qedit)

Data File : G:\DATA\040407_a\ak008791.D Vial: 21
Sample : 580-5404-A-13-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:08 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



TIC: ak008791.D\data.ms

(91) Dibenz(a,h)anthracene (T)

16.421min (-0.015) 20.31ug/L m

response 4195

Ion	Exp%	Act%
278.00	100	100
139.00	18.30	42.14
0.00	0.00	0.00
0.00	0.00	0.00

004280

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040507_a\ak008812.D Vial: 8
Sample : 580-5404-A-13-D 1:10
Misc : BT$S40040407A
Acq On : 5 Apr 2007 18:06 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:14:31 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

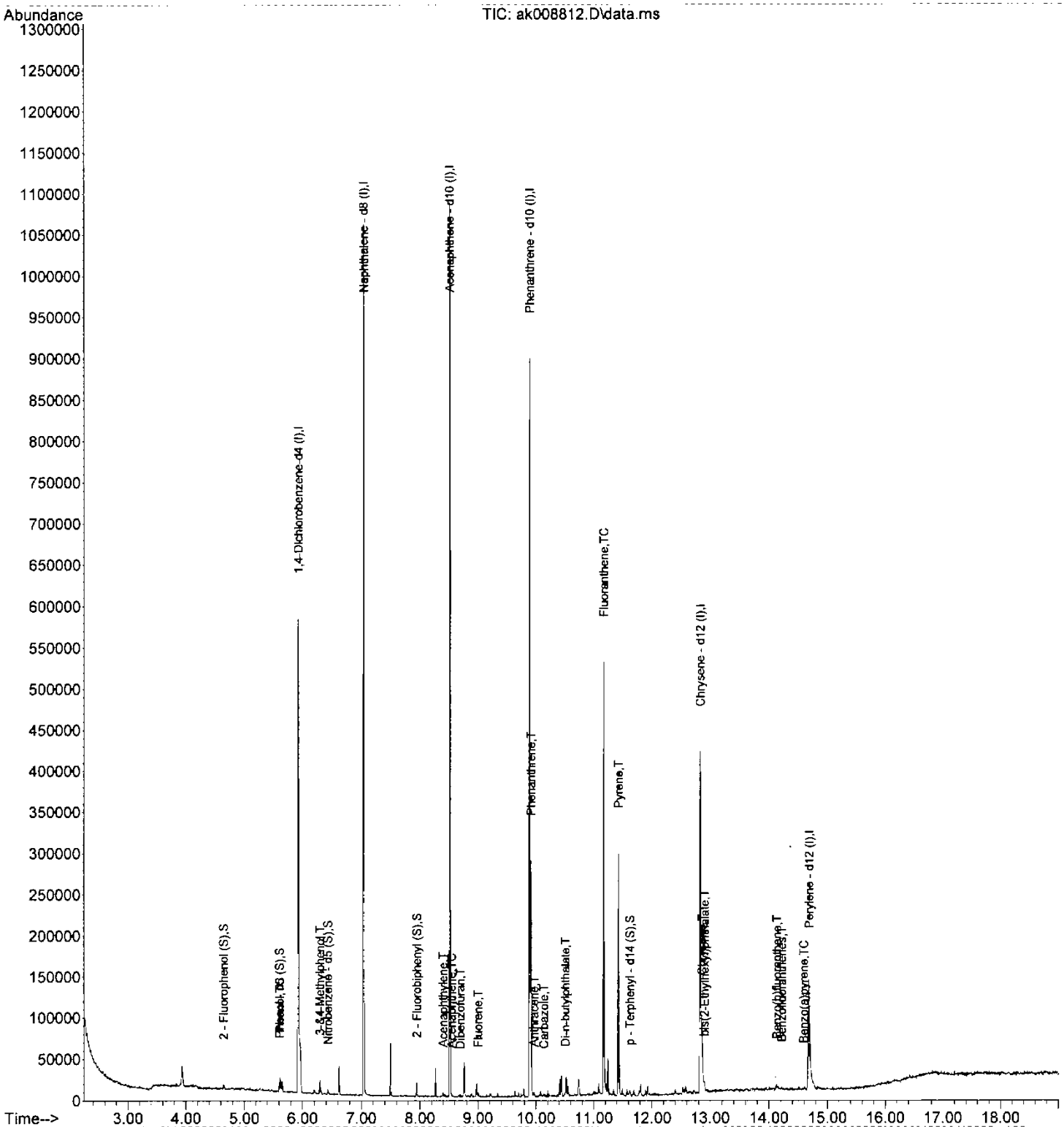
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.927	152	130212	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.040	136	463364	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.516	162	214931	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.890	188	307419	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.827	240	216028	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.683	264	95797	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.643	112	3325	24.89	ug/L	-0.02
7) Phenol - d5 (S)	5.601	99	4444	22.23	ug/L	0.00
22) Nitrobenzene - d5 (S)	6.430	82	2833	19.55	ug/L	0.02
42) 2 - Fluorobiphenyl (S)	7.949	172	5690	17.69	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.217	330	464	55.69	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.623	244	4064	20.68	ug/L	0.00
Target Compounds						Qvalue
8) Phenol	5.612	94	5544	21.71	ug/L	92
18) 3-&4-Methylphenol	6.296	108	5762	47.45	ug/L	86
47) Acenaphthylene	8.398	152	2610	6.08	ug/L	100
50) Acenaphthene	8.543	153	765	2.70	ug/L	89
53) Dibenzofuran	8.692	168	927	2.47	ug/L	91
57) Diethylphthalate	8.890	149	1299	Below Cal		67
58) Fluorene	8.997	166	2060	7.33	ug/L	94
69) Phenanthrene	9.912	178	106391	302.26	ug/L	88
70) Anthracene	9.965	178	3944	12.55	ug/L	80
72) Carbazole	10.131	167	1697	7.12	ug/L	60
73) Di-n-butylphthalate	10.506	149	3389	7.72	ug/L	75
74) Fluoranthene	11.174	202	220033	713.81	ug/L	99
75) Pyrene	11.426	202	125624	383.94	ug/L	99
82) Chrysene	12.859	228	37606	156.26	ug/L	92
83) bis(2-Ethylhexyl)phtha...	12.902	149	2650	80.50	ug/L	96
86) Benzo(b)fluoranthene	14.127	252	3574	28.59	ug/l	87
88) Benzofluoranthenes	14.226	252	343	29.88	ug/L	66
89) Benzo(a)pyrene	14.592	252	893	9.00	ug/L	62

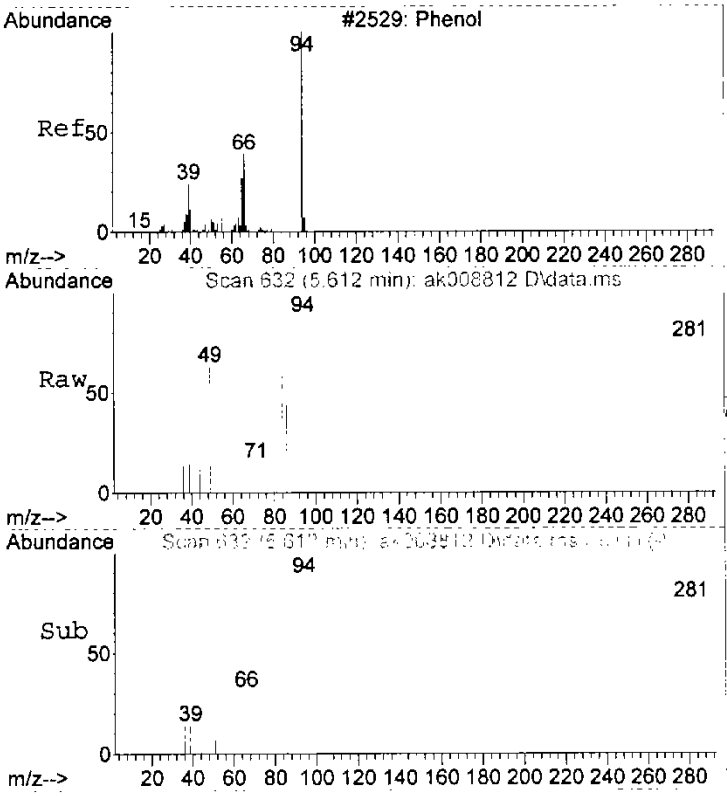
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040507_a\ak008812.D Vial: 8
Sample : 580-5404-A-13-D 1:10
Misc : BT$S40040407A
Acq On : 5 Apr 2007 18:06 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:14:31 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

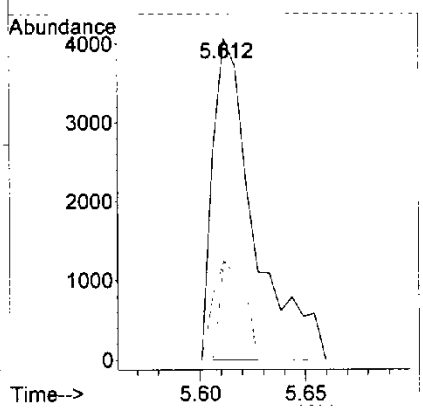


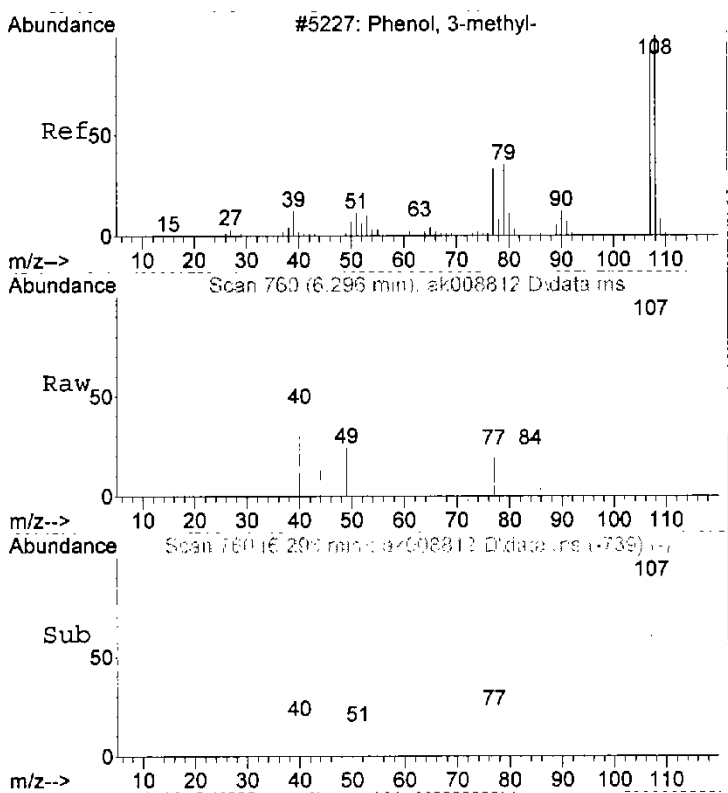


#8
Phenol
Concen: 21.71 ug/L
RT: 5.612 min Scan# 632
Delta R.T. 0.012 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion: 94 Resp: 5544

Ion	Ratio	Lower	Upper
94	100		
66	31.0	0.0	59.8
65	31.2	0.0	54.2

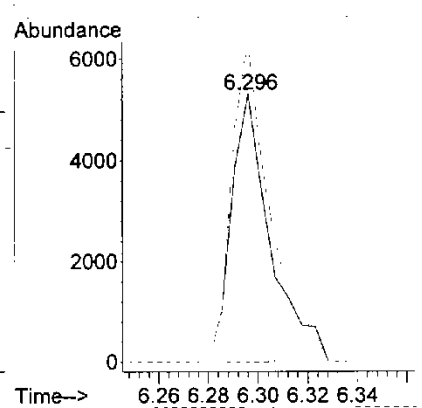


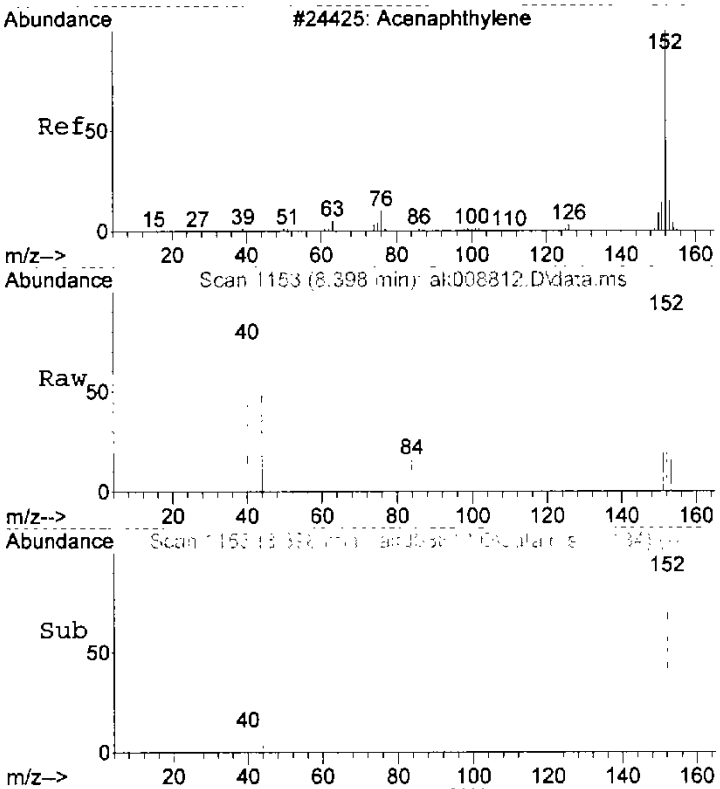


#18
3-&4-Methylphenol
Concen: 47.45 ug/L
RT: 6.296 min Scan# 760
Delta R.T. 0.015 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:108 Resp: 5762

Ion	Ratio	Lower	Upper
108	100		
107	119.7	74.6	134.6
79	20.3	0.0	56.3

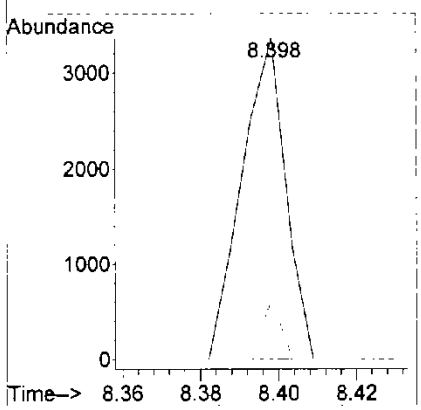


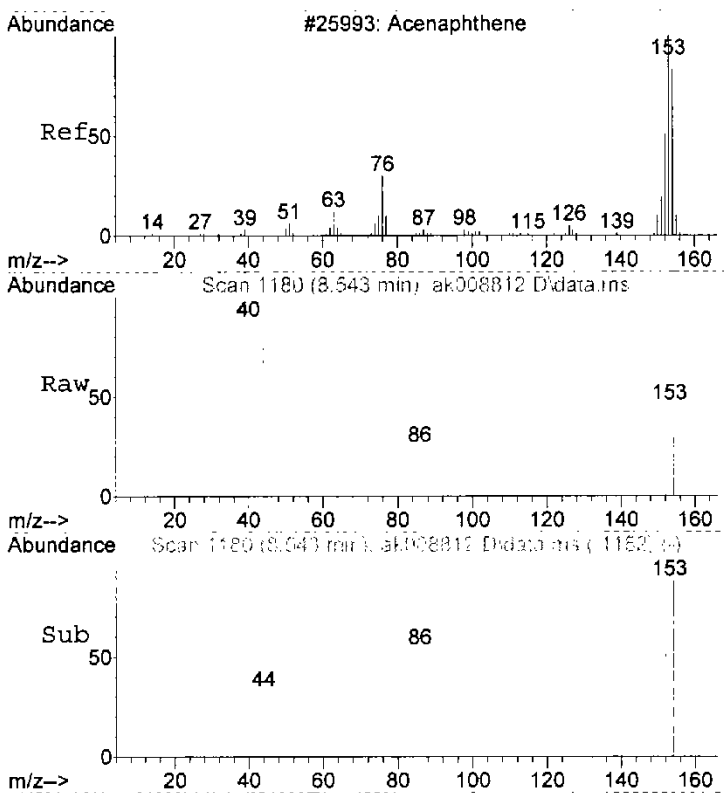


#47
Acenaphthylene
Concen: 6.08 ug/L
RT: 8.398 min Scan# 1153
Delta R.T. 0.001 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:152 Resp: 2610

Ion	Ratio	Lower	Upper
152	100		
151	18.8	0.0	48.7

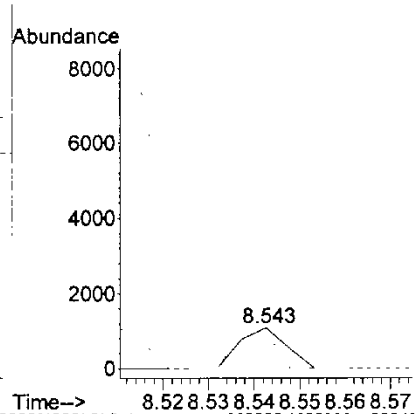


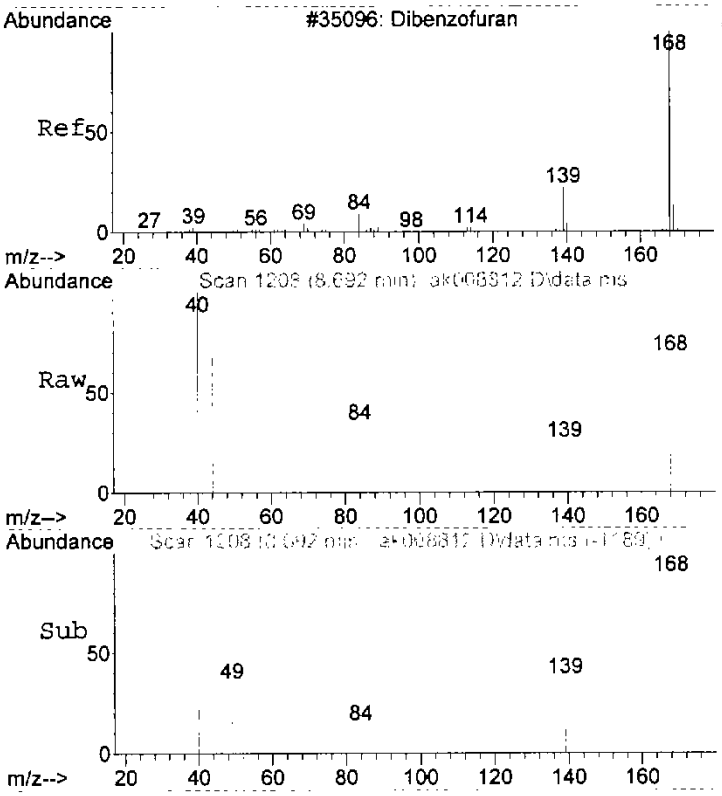


#50
Acenaphthene
Concen: 2.70 ug/L
RT: 8.543 min Scan# 1180
Delta R.T. -0.002 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:153 Resp: 765

Ion	Ratio	Lower	Upper
153	100		
154	88.6	61.8	121.8
76	0.0	0.0	51.1

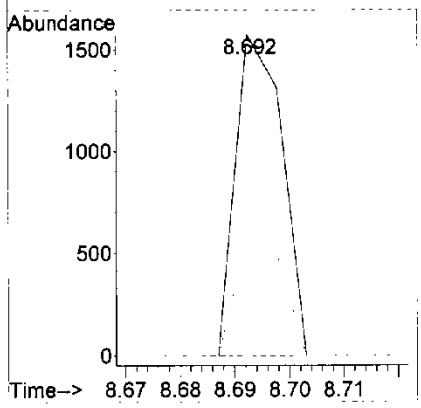


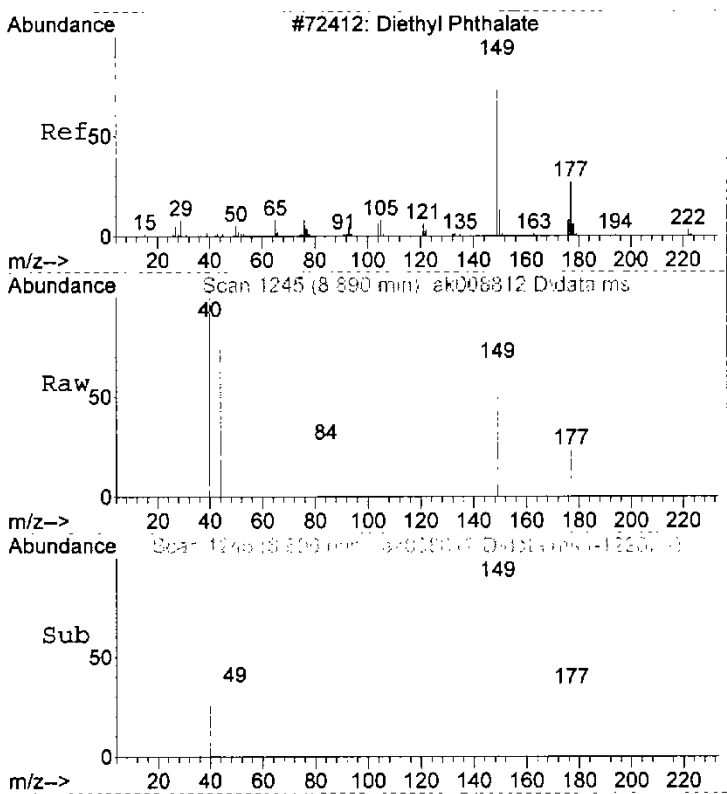


#53
Dibenzofuran
Concen: 2.47 ug/L
RT: 8.692 min Scan# 1208
Delta R.T. 0.001 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:168 Resp: 927

Ion	Ratio	Lower	Upper
168	100		
139	36.8	7.1	67.1
169	0.0	0.0	43.3
83	0.0	0.0	30.1

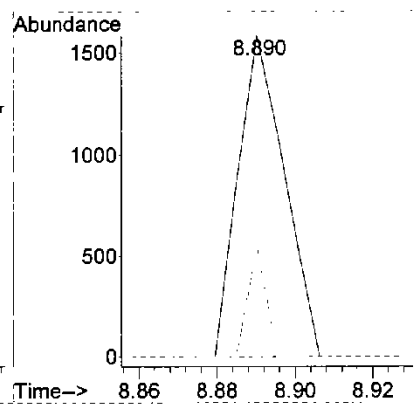


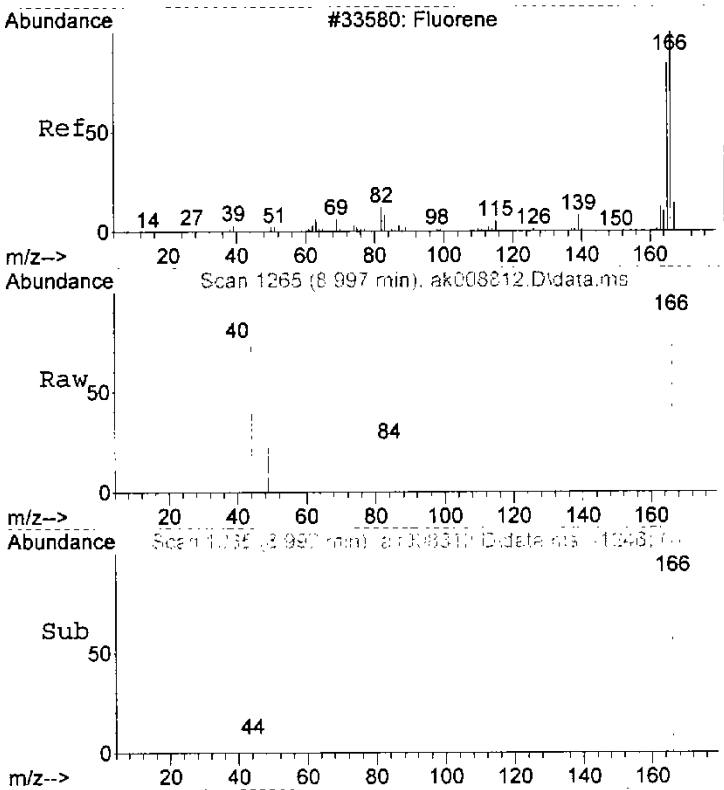


#57
Diethylphthalate
Concen: Below Cal
RT: 8.890 min Scan# 1245
Delta R.T. -0.008 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:149 Resp: 1299

Ion	Ratio	Lower	Upper
149	100		
177	34.4	0.0	49.3

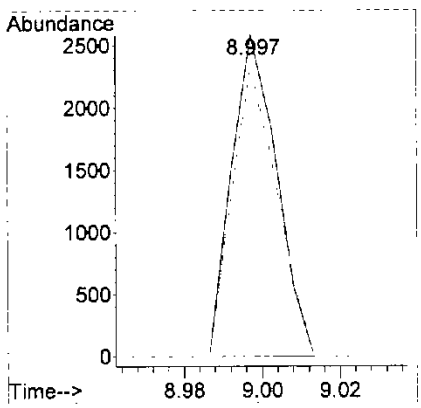


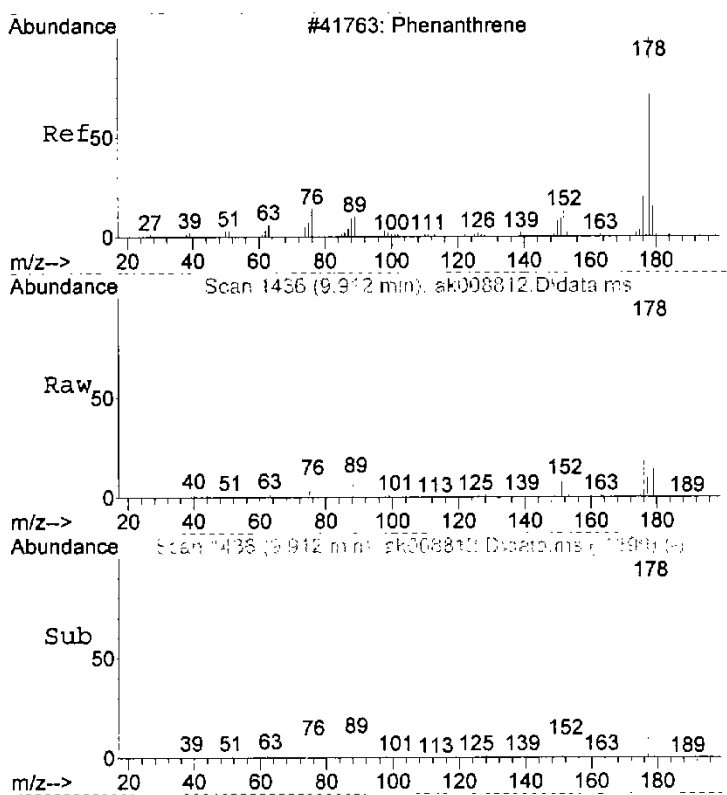


#58
Fluorene
Concen: 7.33 ug/L
RT: 8.997 min Scan# 1265
Delta R.T. 0.001 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:166 Resp: 2060

Ion	Ratio	Lower	Upper
166	100		
165	89.9	65.6	125.6

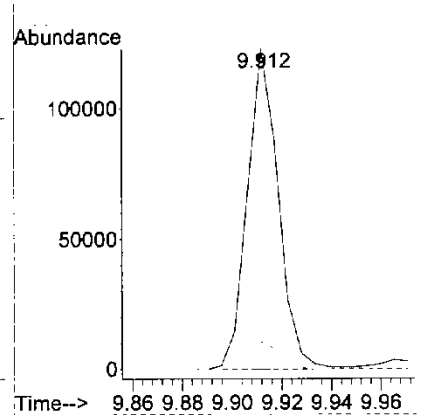


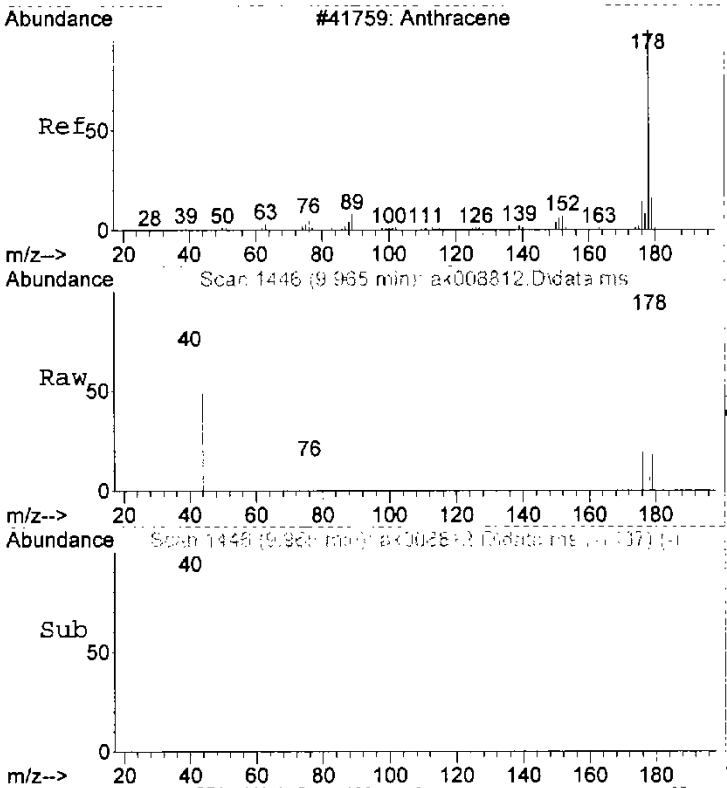


#69
Phenanthrene
Concen: 302.26 ug/L
RT: 9.912 min Scan# 1436
Delta R.T. 0.000 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:178 Resp: 106391

Ion	Ratio	Lower	Upper
178	100		
152	8.6	0.0	43.2

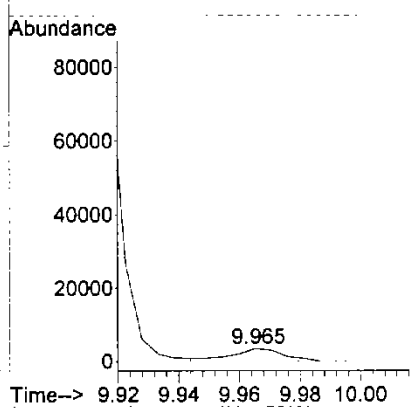


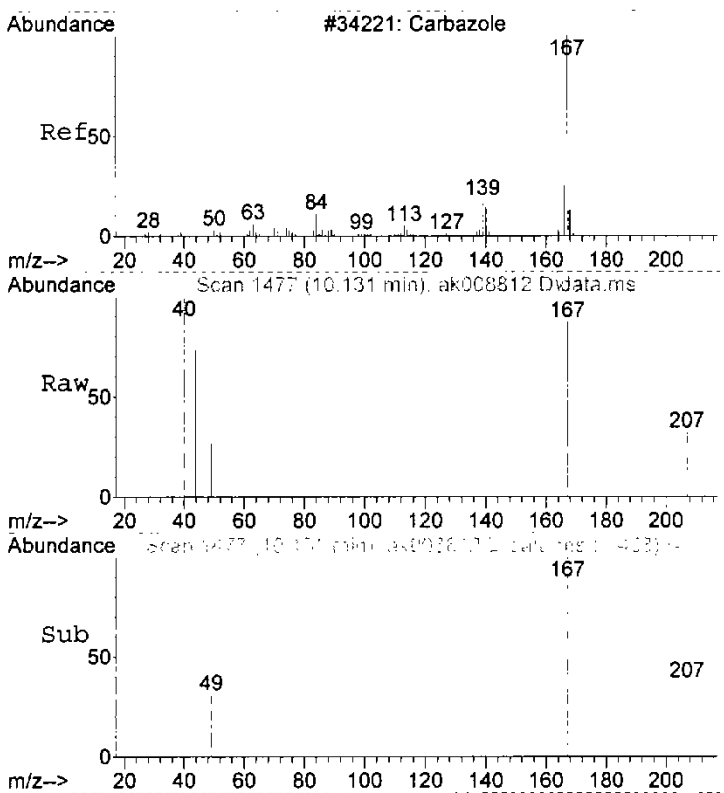


#70
Anthracene
Concen: 12.55 ug/L
RT: 9.965 min Scan# 1446
Delta R.T. 0.000 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:178 Resp: 3944

Ion	Ratio	Lower	Upper
178	100		
152	0.0	0.0	36.8

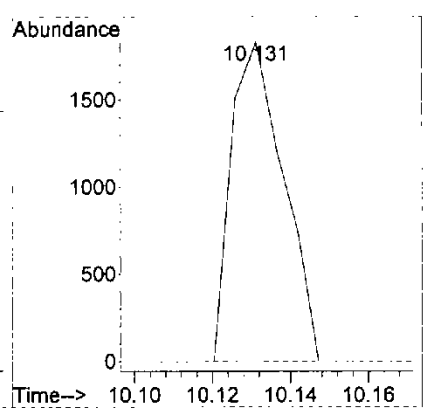


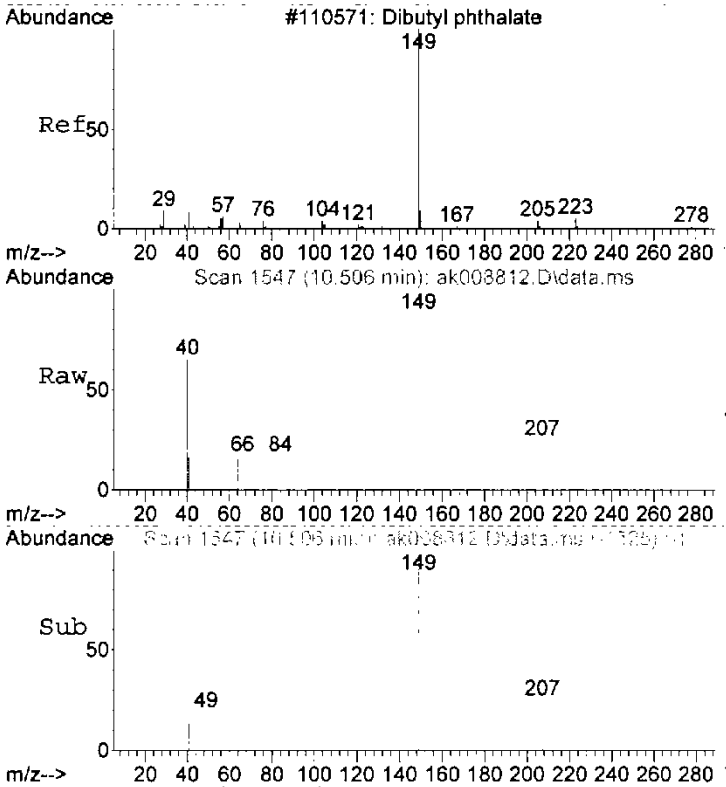


#72
Carbazole
Concen: 7.12 ug/L
RT: 10.131 min Scan# 1477
Delta R.T. 0.007 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:167 Resp: 1697

Ion	Ratio	Lower	Upper
167	100		
139	0.0	0.0	47.5

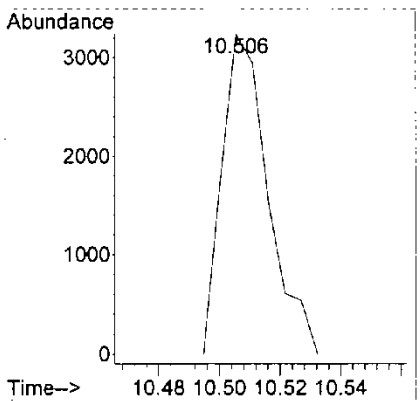


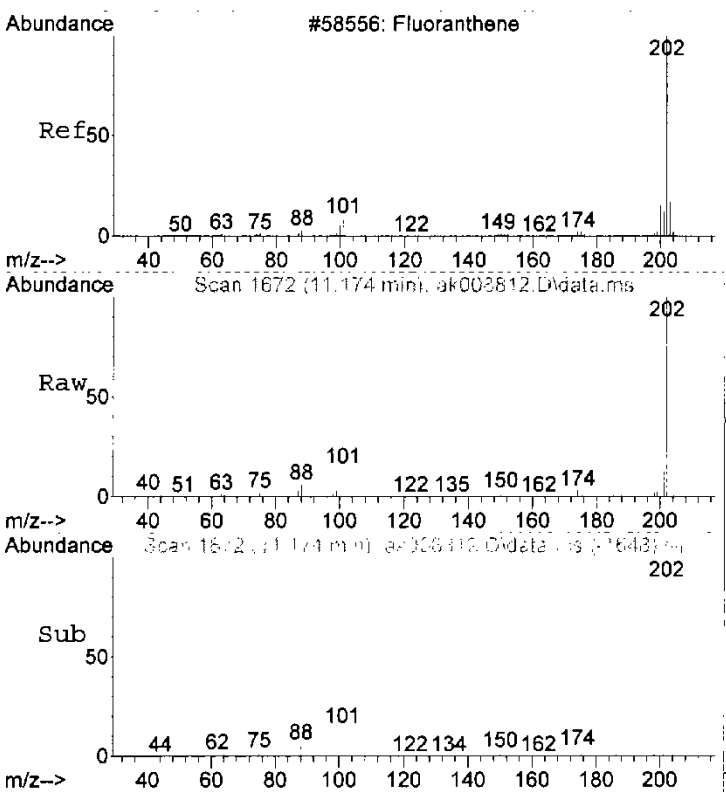


#73
Di-n-butylphthalate
Concen: 7.72 ug/L
RT: 10.506 min Scan# 1547
Delta R.T. -0.012 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:149 Resp: 3389

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	39.0

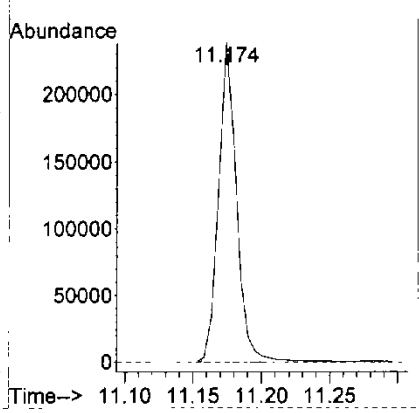


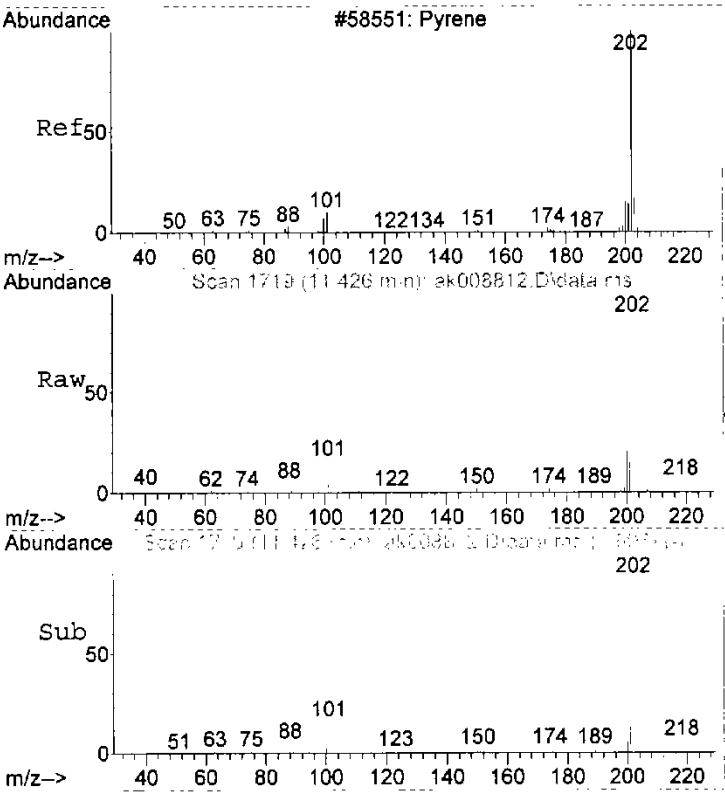


#74
Fluoranthene
Concen: 713.81 ug/L
RT: 11.174 min Scan# 1672
Delta R.T. -0.003 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:202 Resp: 220033

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	44.4

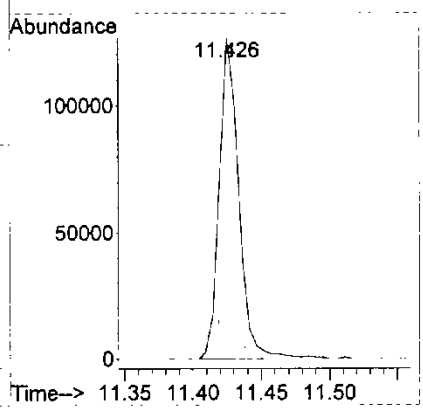


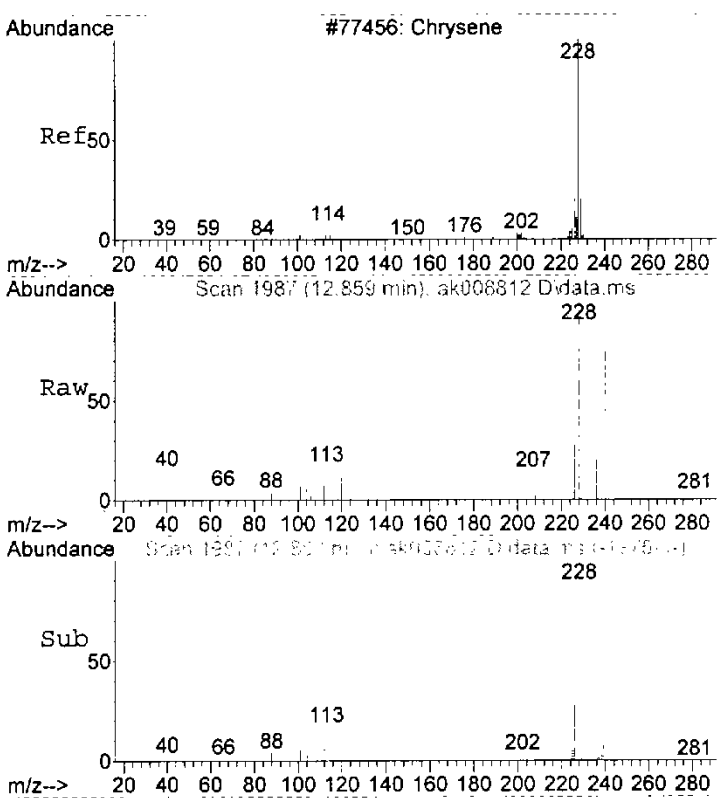


#75
Pyrene
Concen: 383.94 ug/L
RT: 11.426 min Scan# 1719
Delta R.T. -0.007 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:202 Resp: 125624

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	46.9

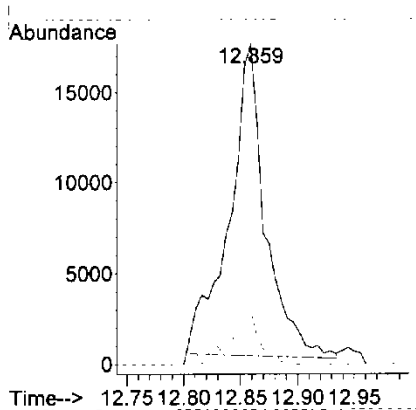


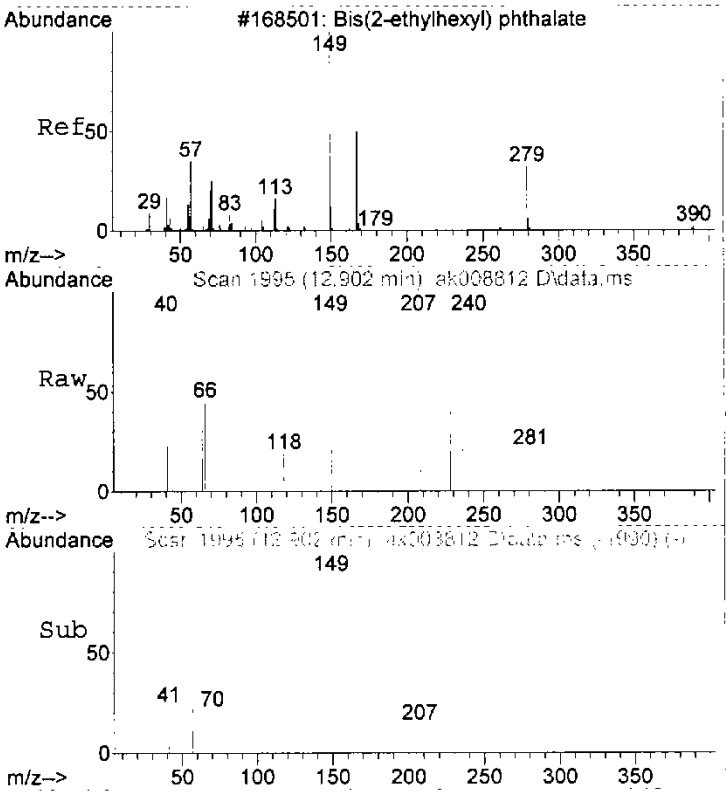


#82
Chrysene
Concen: 156.26 ug/L
RT: 12.859 min Scan# 1987
Delta R.T. -0.001 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:228 Resp: 37606

Ion	Ratio	Lower	Upper
228	100		
113	17.8	0.0	44.5

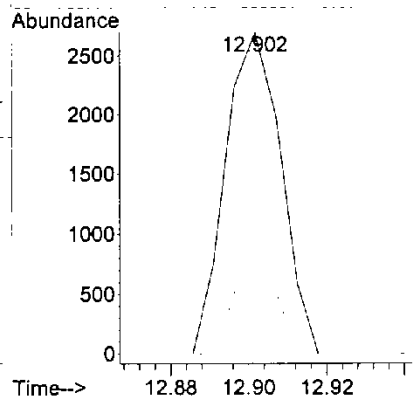


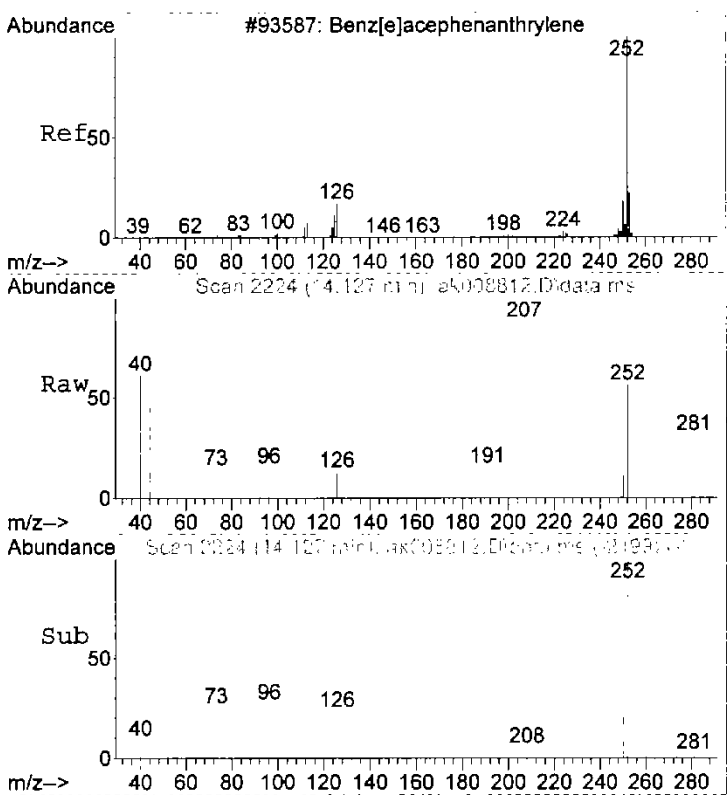


#83
bis(2-Ethylhexyl)phthalate
Concen: 80.50 ug/L
RT: 12.902 min Scan# 1995
Delta R.T. -0.071 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:149 Resp: 2650

Ion	Ratio	Lower	Upper
149	100		
167	31.5	0.4	60.4
279	0.0	0.0	35.8

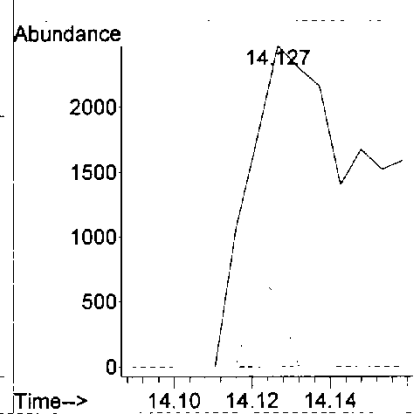


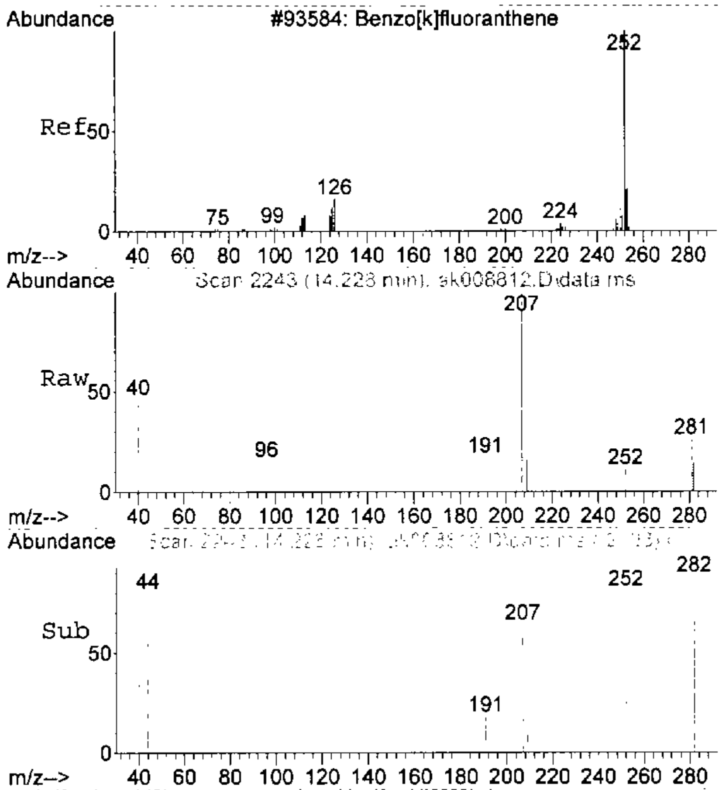


#86
Benzo(b)fluoranthene
Concen: 28.59 ug/l
RT: 14.127 min Scan# 2224
Delta R.T. 0.005 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:252 Resp: 3574

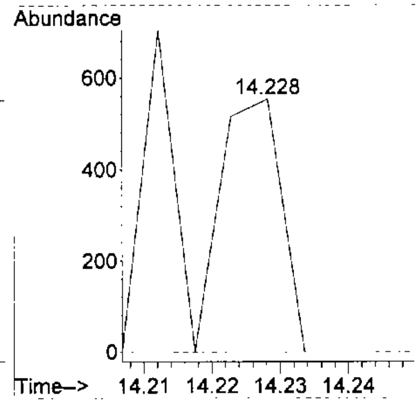
Ion	Ratio	Lower	Upper
252	100		
126	10.9	0.0	46.6

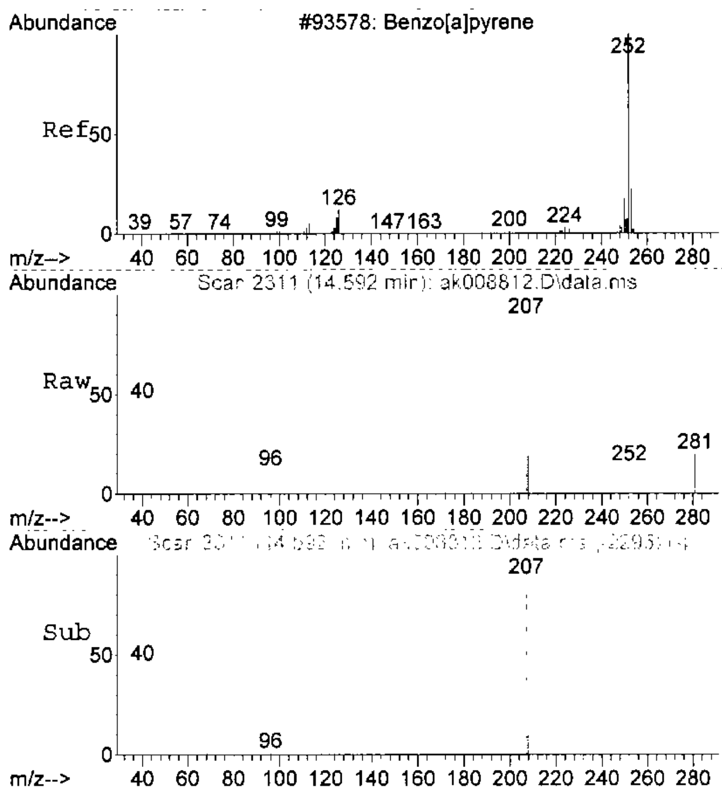




#88
Benzofluoranthenes
Concen: 29.88 ug/L
RT: 14.226 min Scan# 2243
Delta R.T. 0.031 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

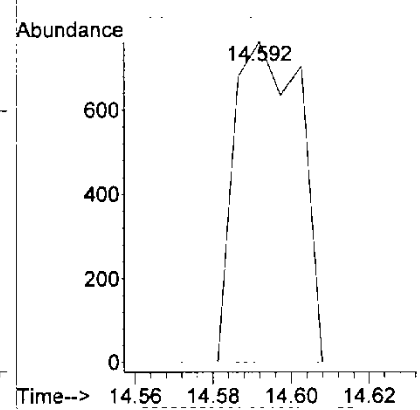
Tgt Ion:252	Resp:		343
Ion	Ratio	Lower	Upper
252	100		
126	0.0	0.0	44.0





#89
Benzo(a)pyrene
Concen: 9.00 ug/L
RT: 14.592 min Scan# 2311
Delta R.T. -0.013 min
Lab File: ak008812.D
Acq: 5 Apr 2007 18:06

Tgt Ion:252	Resp:		893
Ion	Ratio	Lower	Upper
252	100		
126	0.0	0.0	46.5



Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008792.D Vial: 22
Sample : 580-5404-A-14-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:35 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

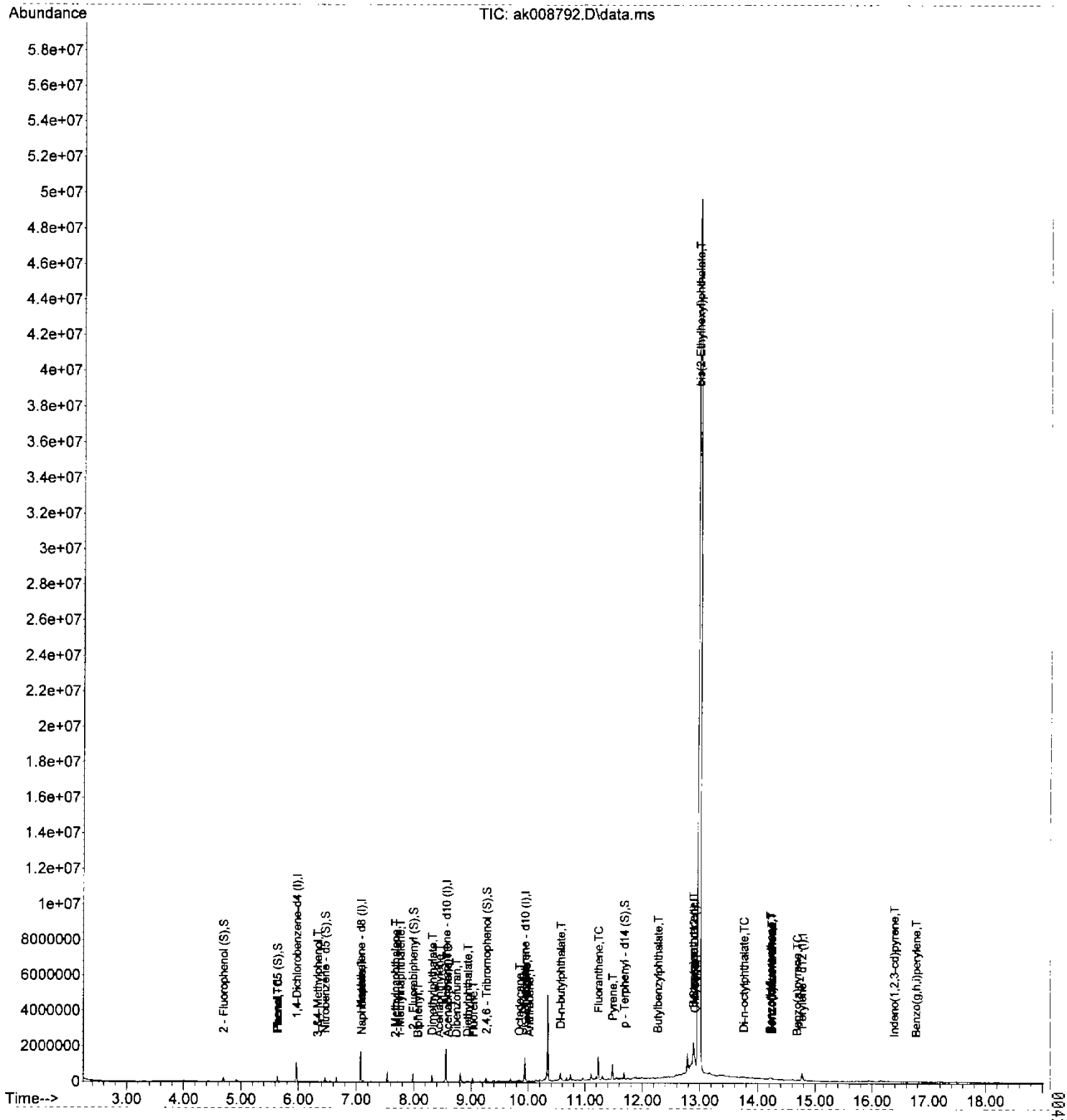
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	185153	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	708848	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	360721	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.939	188	577642	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	336459	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	247708	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	92616	392.24	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	115723	407.14	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.457	82	77637	350.26	ug/L	0.00
42) 2 - Fluorobiphenyl (S)	7.987	172	137078	254.00	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	29342	371.04	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.682	244	135171	365.99	ug/L	-0.01
Target Compounds						Qvalue
8) Phenol	5.644	94	6781	17.77	ug/L	93
18) 3-&4-Methylphenol	6.328	108	4886	33.62	ug/L	80
31) Naphthalene	7.093	128	4660	5.78	ug/L	87
35) 2-Methylnaphthalene	7.682	141	1579	3.90	ug/L	95
36) 1-Methylnaphthalene	7.762	141	809	1.87	ug/l	84
44) Biphenyl	8.072	154	1199	1.99	ug/L	76
46) Dimethylphthalate	8.323	163	5712	11.92	ug/L	48
47) Acenaphthylene	8.436	152	7903	10.97	ug/L	99
50) Acenaphthene	8.586	153	3841	8.08	ug/L	84
53) Dibenzofuran	8.735	168	3709	5.88	ug/L	87
57) Diethylphthalate	8.939	149	16714	26.75	ug/L	89
58) Fluorene	9.040	166	3898	8.26	ug/L	83
69) Phenanthrene	9.965	178	36963	55.89	ug/L	94
70) Anthracene	10.019	178	10042	17.01	ug/L	91
71) Octadecane	9.837	57	13128	53.26	ug/L	77
73) Di-n-butylphthalate	10.565	149	212875	258.06	ug/L	99
74) Fluoranthene	11.233	202	546448	943.45	ug/L	100
75) Pyrene	11.485	202	353869	575.57	ug/L	97
76) Benzidine	11.410	184	453	Below Cal	#	1
79) Butylbenzylphthalate	12.271	149	13102	120.91	ug/L	95
80) Benzo(a)anthracene	12.875	228	49564	133.15	ug/L	90
82) Chrysene	12.918	228	106884	285.15	ug/L	65
83) bis(2-Ethylhexyl)phtha...	12.966	149	29420701m	93881.62	ug/L	
85) Di-n-octylphthalate	13.763	149	5760	201.52	ug/L	91
86) Benzo(b)fluoranthene	14.212	252	53934	166.87	ug/l	96
87) Benzo(k)fluoranthene	14.250	252	19257m	57.50	ug/l	
88) Benzofluoranthenes	14.246	252	88805	258.83	ug/L	84
89) Benzo(a)pyrene	14.688	252	16381	63.83	ug/L	89
90) Indeno(1,2,3-cd)pyrene	16.383	276	5290	31.62	ug/L	47
92) Benzo(g,h,i)perylene	16.769	276	6256	25.78	ug/L	64

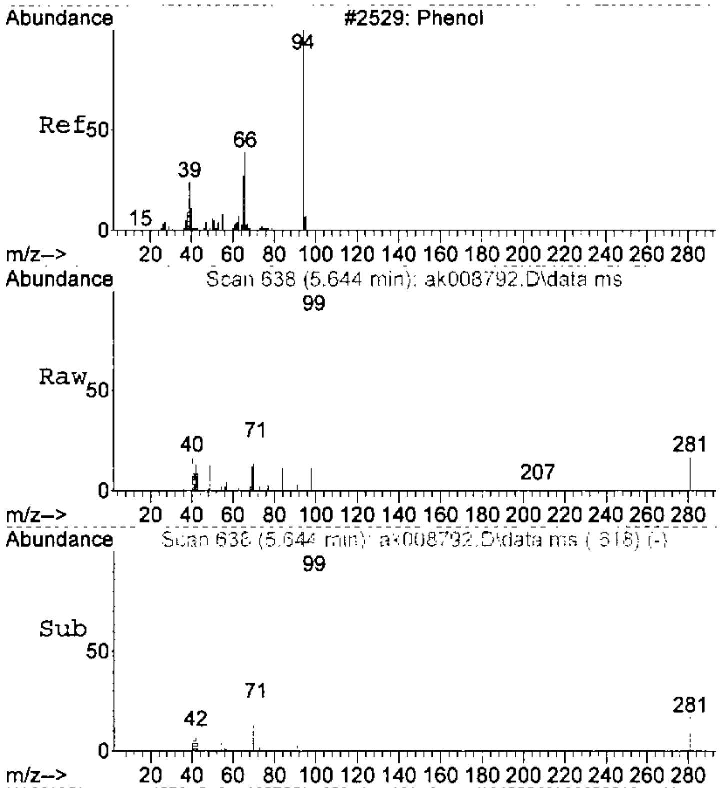
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008792.D Vial: 22
Sample : 580-5404-A-14-D
Misc : BT$S40040407A
Acq On : 5 Apr 2007 1:35 Operator: CLZ
InstName : sea040

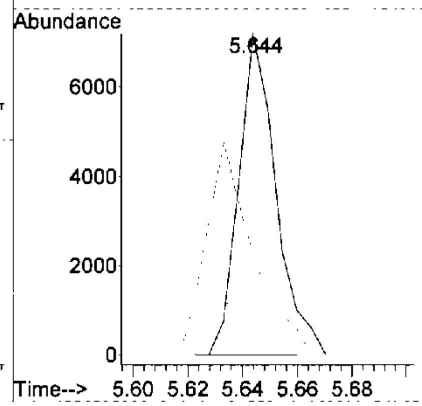
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

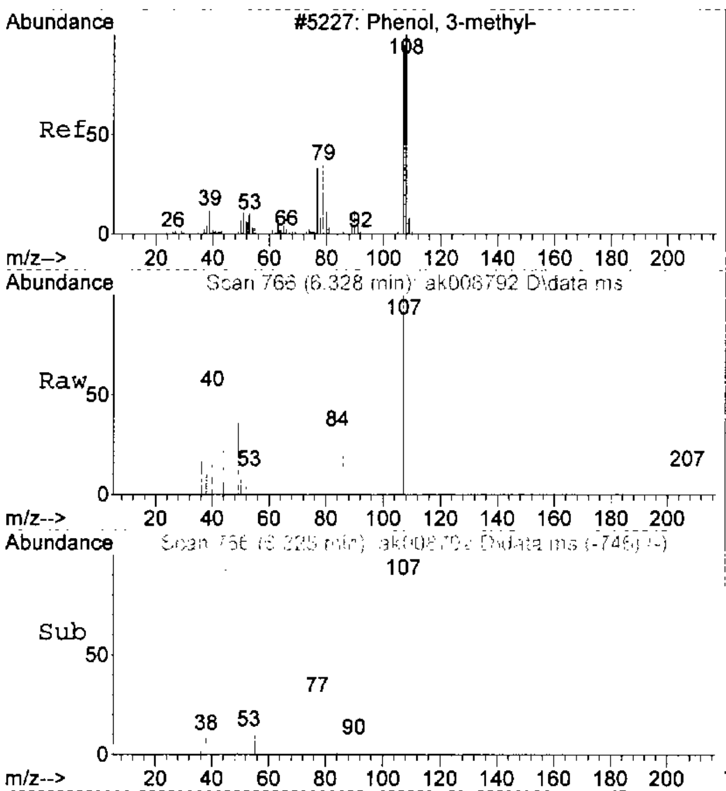




#8
Phenol
Concen: 17.77 ug/L
RT: 5.644 min Scan# 638
Delta R.T. 0.009 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

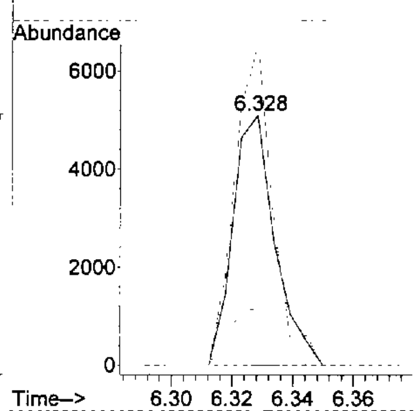
Tgt Ion: 94	Resp:		6781
Ion	Ratio	Lower	Upper
94	100		
66	23.6	0.0	59.8
65	25.1	0.0	54.2

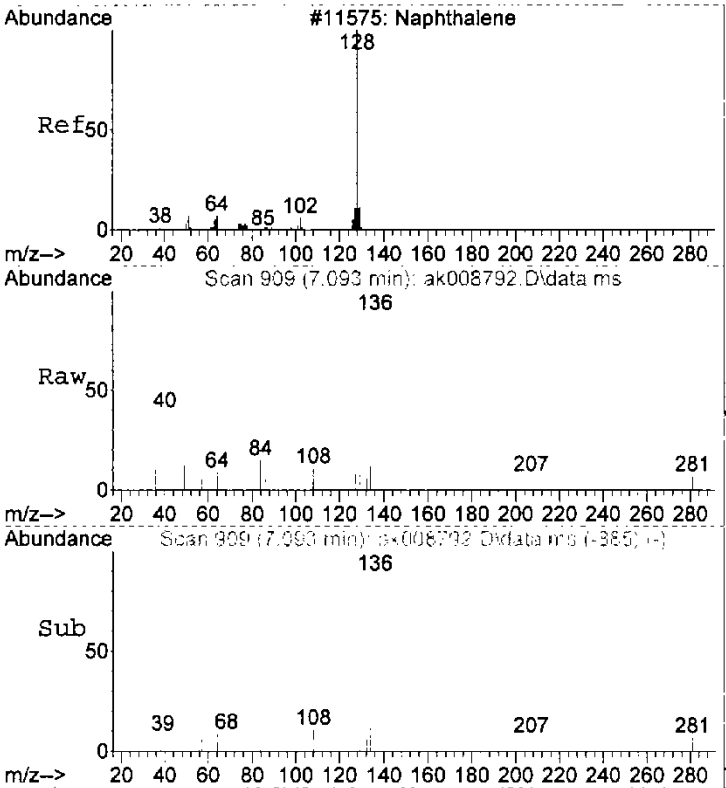




#18
3-&4-Methylphenol
Concen: 33.62 ug/L
RT: 6.328 min Scan# 766
Delta R.T. 0.007 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:108	Resp:		4886
Ion	Ratio	Lower	Upper
108	100		
107	128.3	74.6	134.6
79	22.5	0.0	56.3

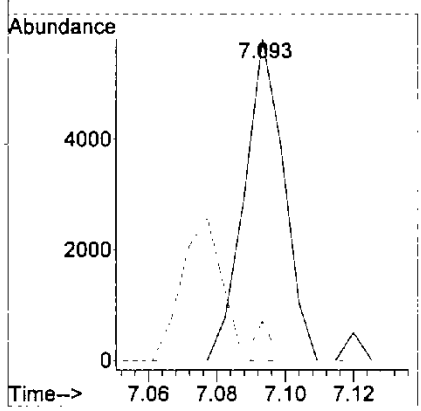


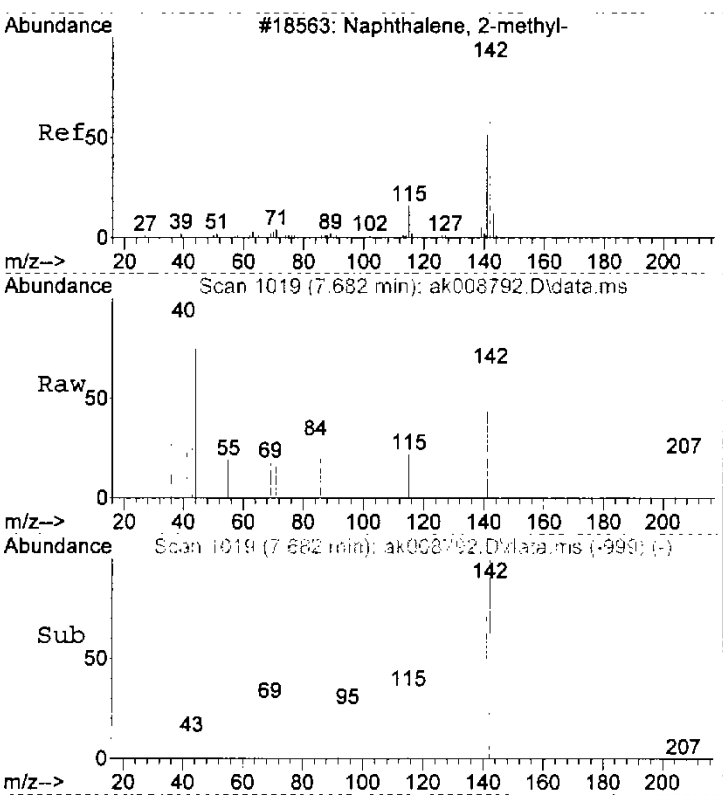


#31
Naphthalene
Concen: 5.78 ug/L
RT: 7.093 min Scan# 909
Delta R.T. -0.002 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:128 Resp: 4660

Ion	Ratio	Lower	Upper
128	100		
102	0.0	0.0	38.5
129	12.5	0.0	41.0

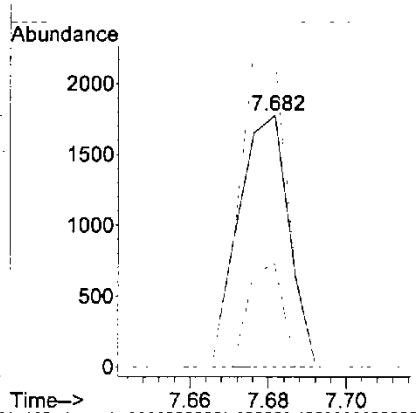


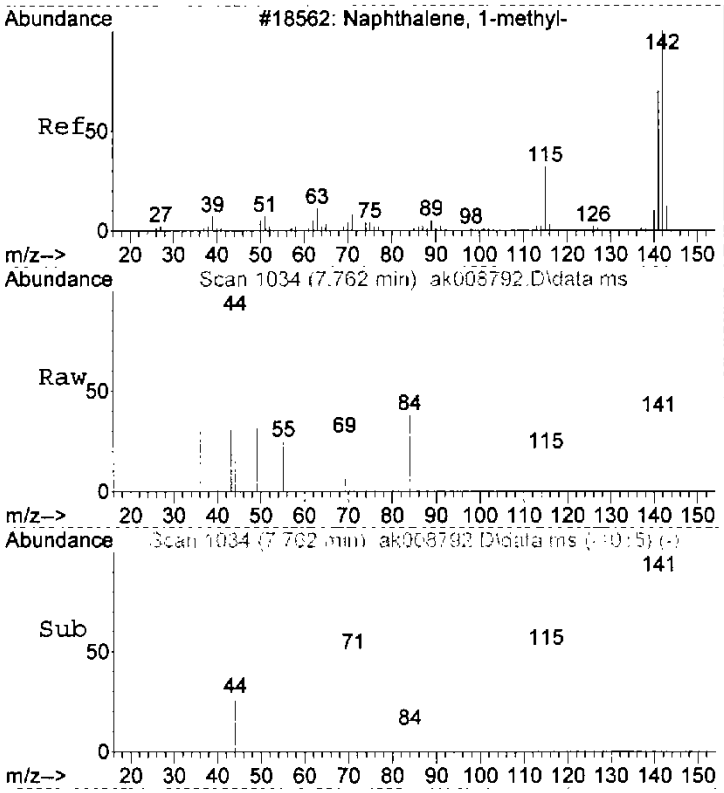


#35
2-Methylnaphthalene
Concen: 3.90 ug/L
RT: 7.682 min Scan# 1019
Delta R.T. 0.006 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:141 Resp: 1579

Ion	Ratio	Lower	Upper
141	100		
115	41.1	4.6	64.6
142	121.7	88.6	148.6

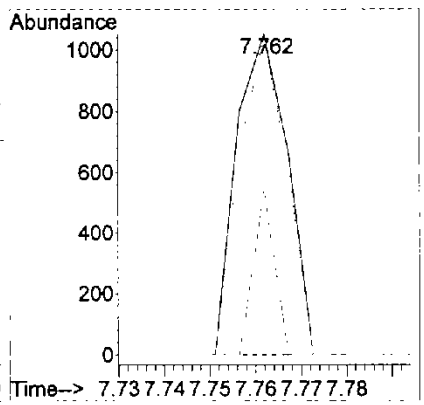


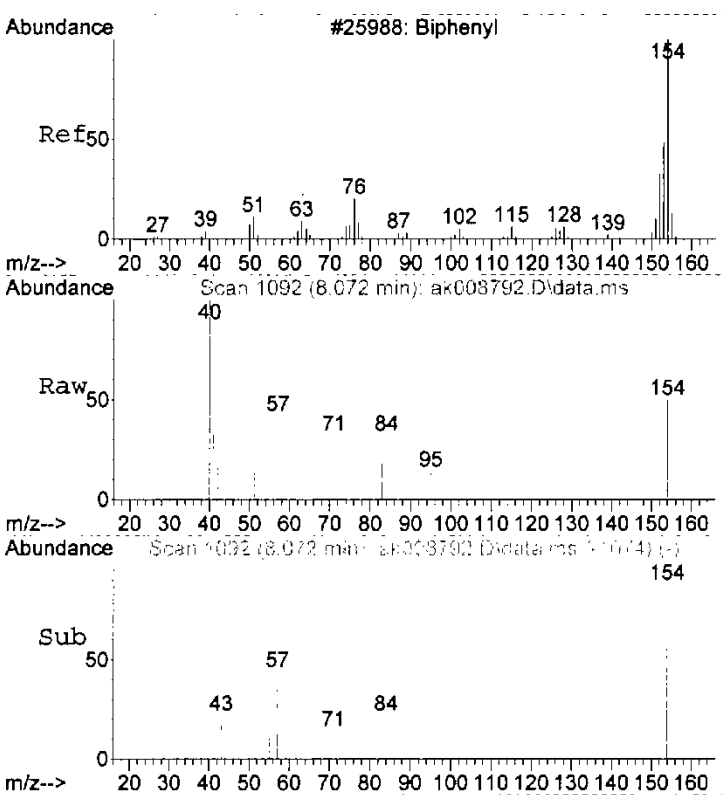


#36
1-Methylnaphthalene
Concen: 1.87 ug/l
RT: 7.762 min Scan# 1034
Delta R.T. 0.000 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:141 Resp: 809

Ion	Ratio	Lower	Upper
141	100		
115	51.2	6.0	66.0
142	99.3	82.7	142.7

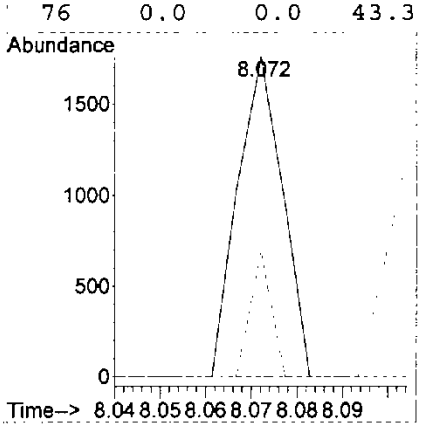


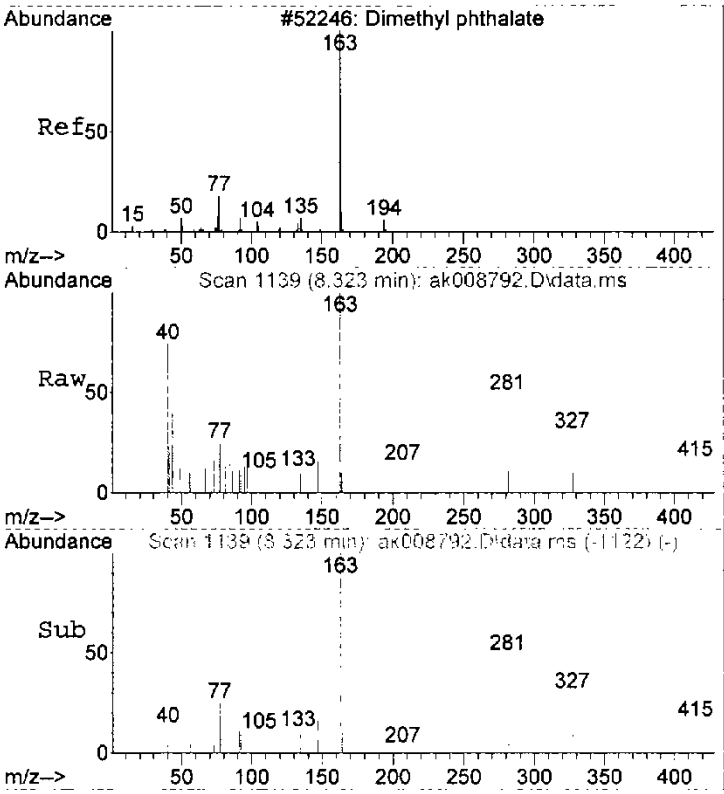


#44
Biphenyl
Concen: 1.99 ug/L
RT: 8.072 min Scan# 1092
Delta R.T. -0.001 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:154 Resp: 1199

Ion	Ratio	Lower	Upper
154	100		
153	39.0	8.7	68.7
152	0.0	0.0	57.3
76	0.0	0.0	43.3

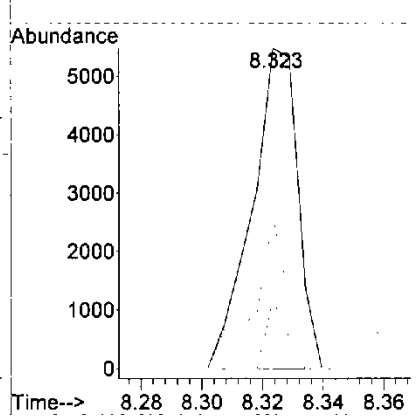


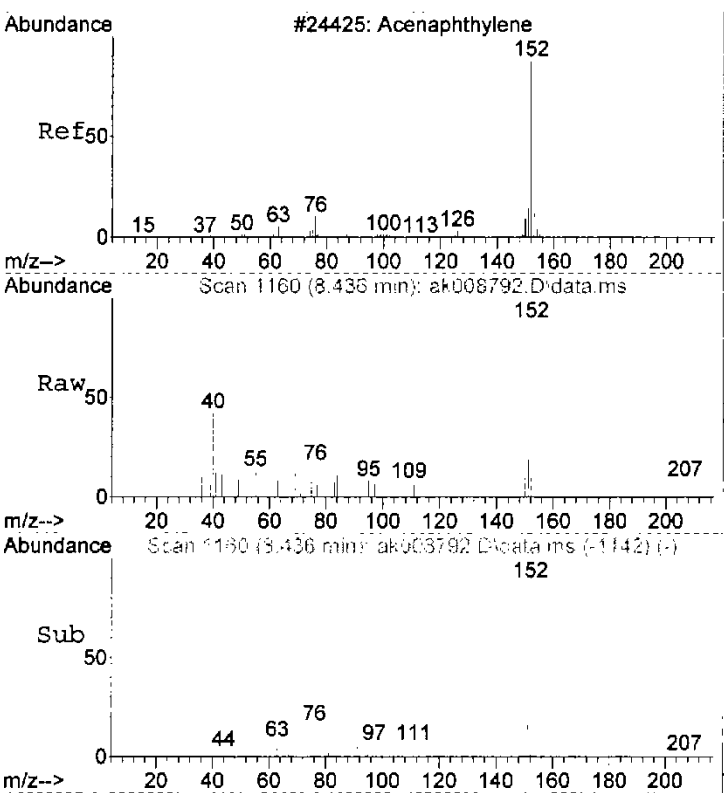


#46
Dimethylphthalate
Concen: 11.92 ug/L
RT: 8.323 min Scan# 1139
Delta R.T. -0.007 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:163 Resp: 5712

Ion	Ratio	Lower	Upper
163	100		
164	21.2	0.0	40.1
77	47.1	0.0	48.6

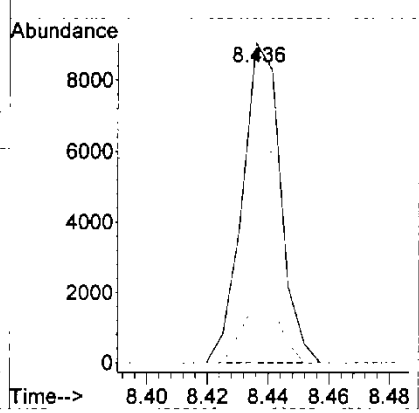


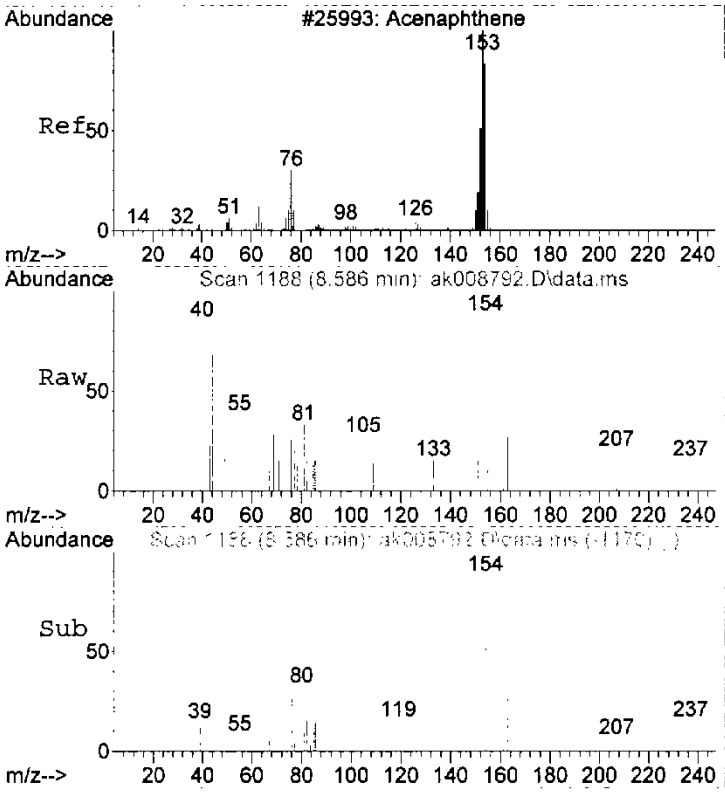


#47
Acenaphthylene
Concen: 10.97 ug/L
RT: 8.436 min Scan# 1160
Delta R.T. -0.004 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:152 Resp: 7903

Ion	Ratio	Lower	Upper
152	100		
151	19.1	0.0	48.7

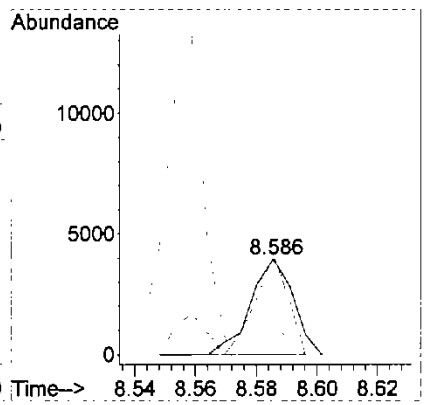


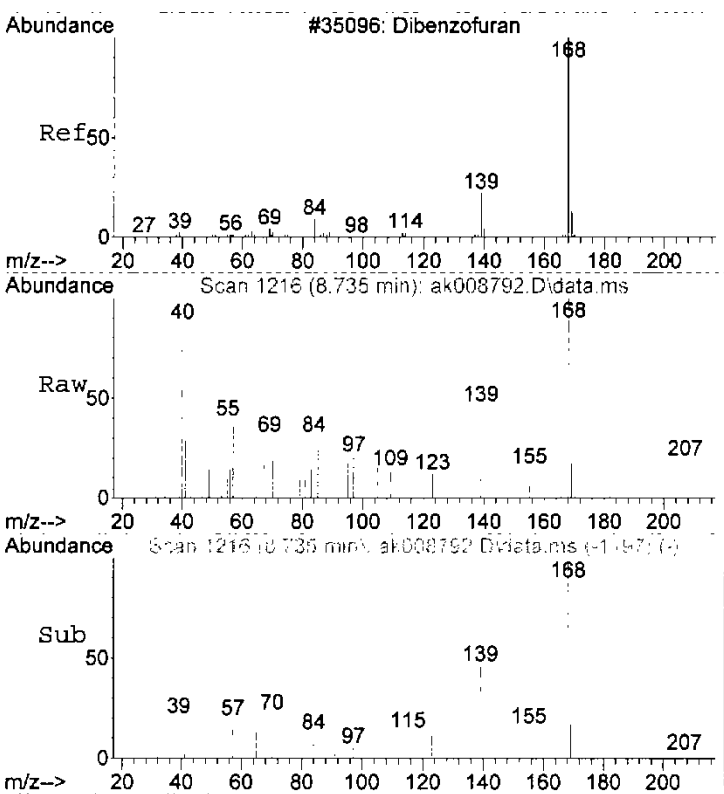


#50
Acenaphthene
Concen: 8.08 ug/L
RT: 8.586 min Scan# 1188
Delta R.T. -0.002 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:153 Resp: 3841

Ion	Ratio	Lower	Upper
153	100		
154	83.2	61.8	121.8
76	0.0	0.0	51.1

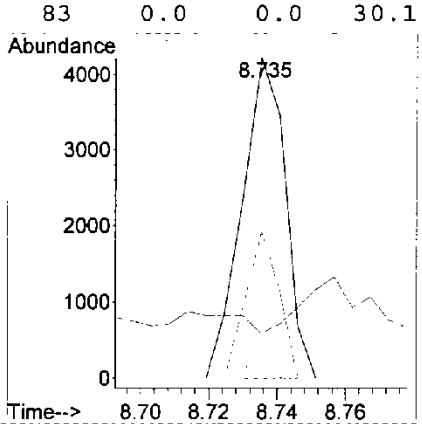




#53
Dibenzofuran
Concen: 5.88 ug/L
RT: 8.735 min Scan# 1216
Delta R.T. -0.000 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

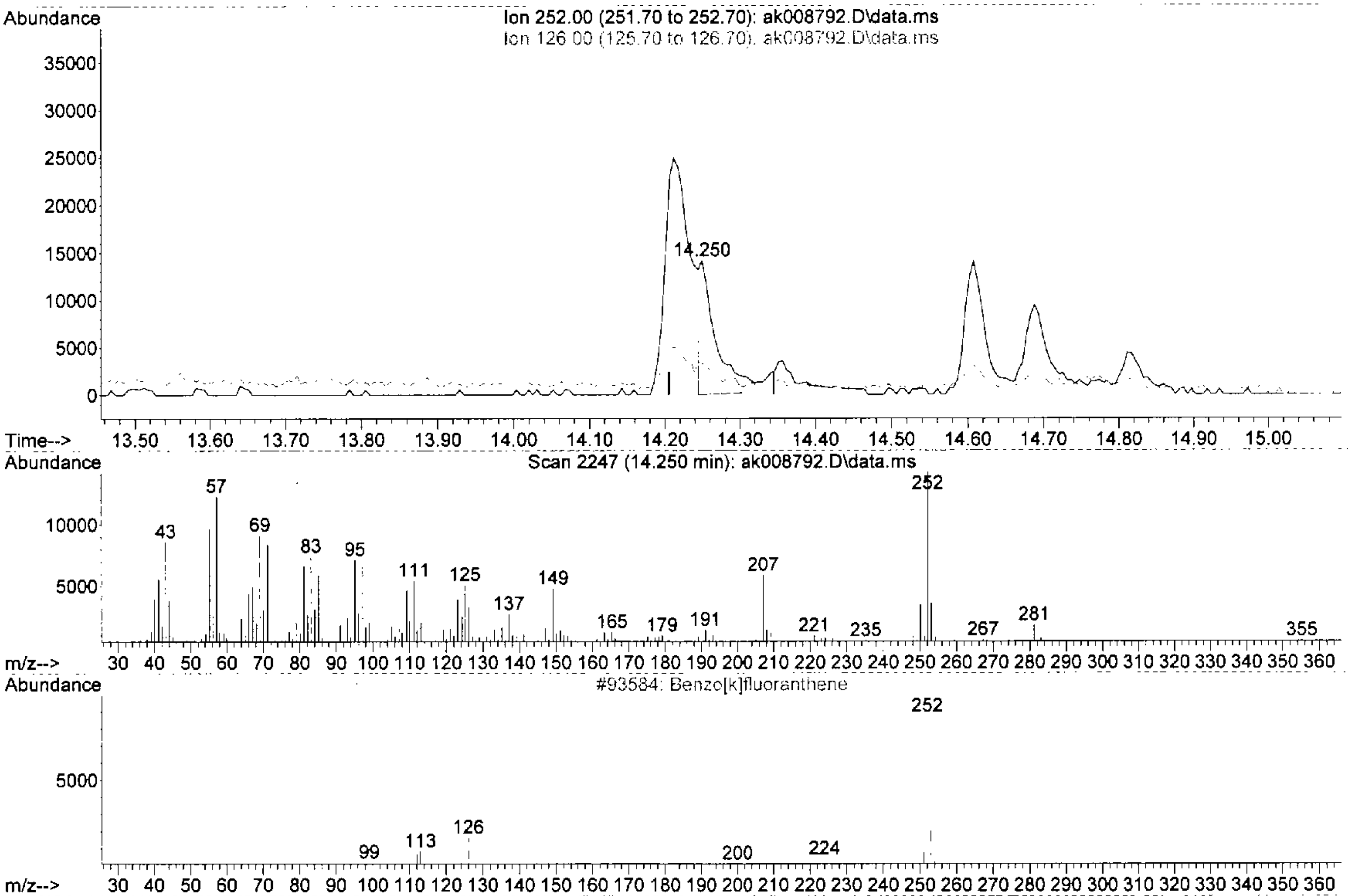
Tgt Ion:168 Resp: 3709

Ion	Ratio	Lower	Upper
168	100		
139	45.7	7.1	67.1
169	17.4	0.0	43.3
83	0.0	0.0	30.1



```
Data File : G:\DATA\040407_a\ak008792.D                Vial: 22
Sample    : 580-5404-A-14-D
Misc      : BT$S40040407A
Acq On    :  5 Apr 2007   1:35                      Operator: CLZ
InstName  : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title  : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES
```



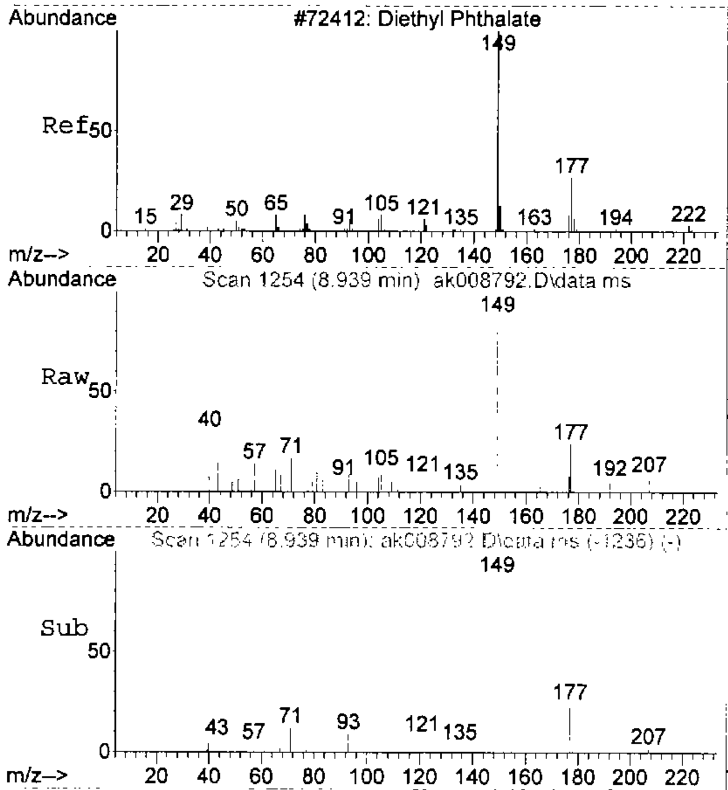
(87) Benzo(k)fluoranthene (T)

14.250min (+0.004) 57.50ug/l m

response 19257

Ion	Exp%	Act%
252.00	100	100
126.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

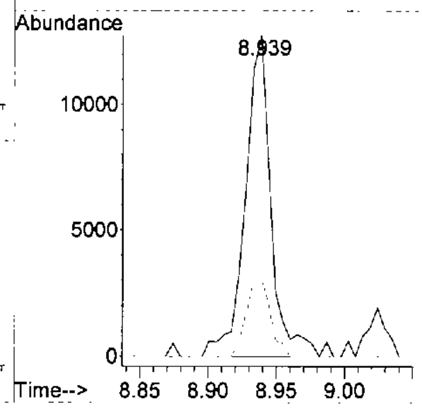
missed pk
4/5/07

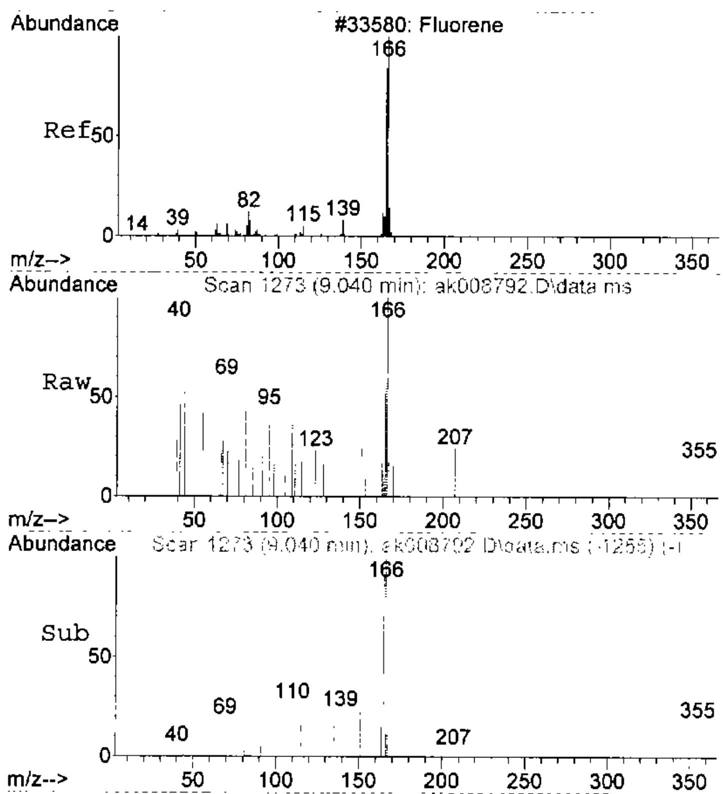


#57
Diethylphthalate
Concen: 26.75 ug/L
RT: 8.939 min Scan# 1254
Delta R.T. -0.005 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:149 Resp: 16714

Ion	Ratio	Lower	Upper
149	100		
177	24.2	0.0	49.3

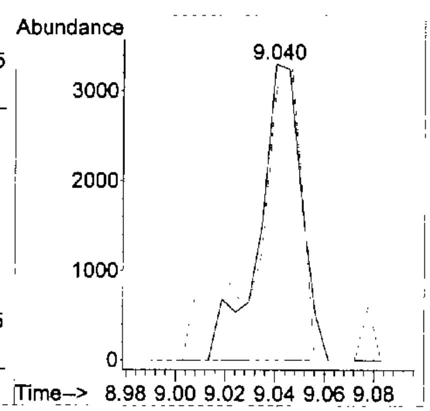


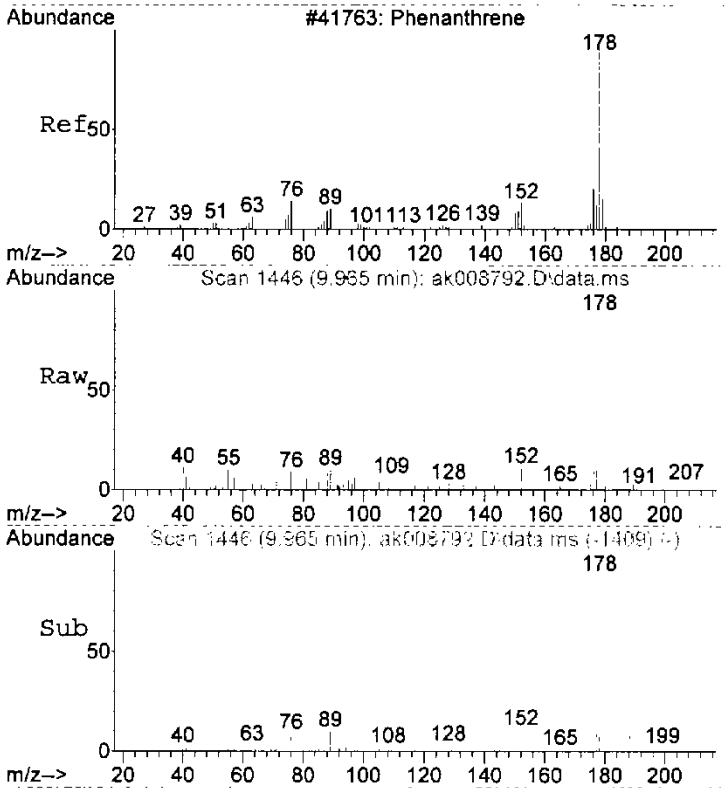


#58
Fluorene
Concen: 8.26 ug/L
RT: 9.040 min Scan# 1273
Delta R.T. -0.002 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:166 Resp: 3898

Ion	Ratio	Lower	Upper
166	100		
165	79.2	65.6	125.6

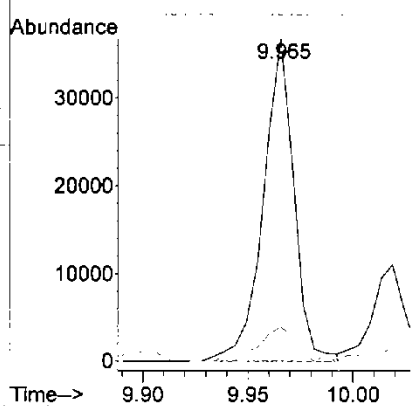


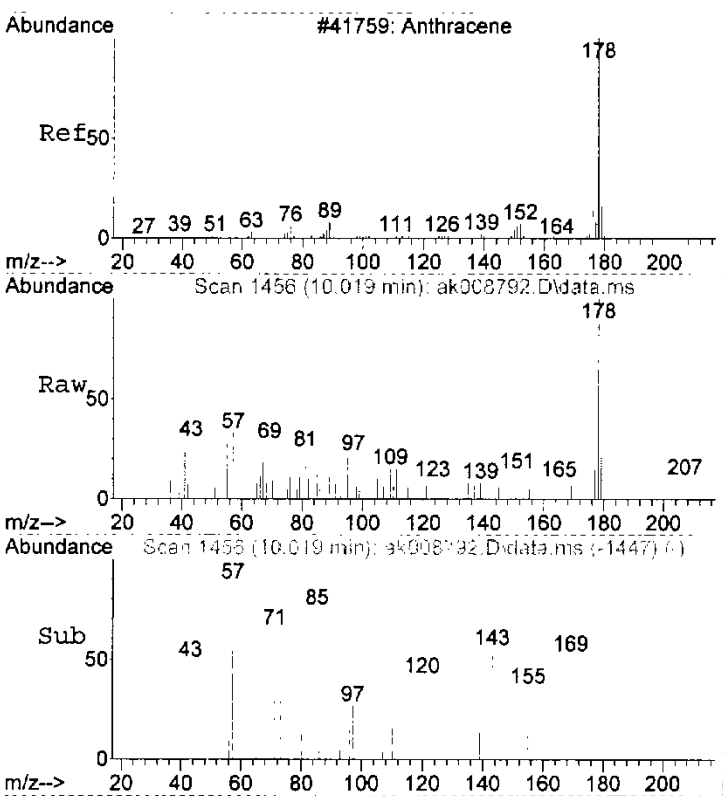


#69
Phenanthrene
Concen: 55.89 ug/L
RT: 9.965 min Scan# 1446
Delta R.T. 0.000 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:178 Resp: 36963

Ion	Ratio	Lower	Upper
178	100		
152	10.8	0.0	43.2

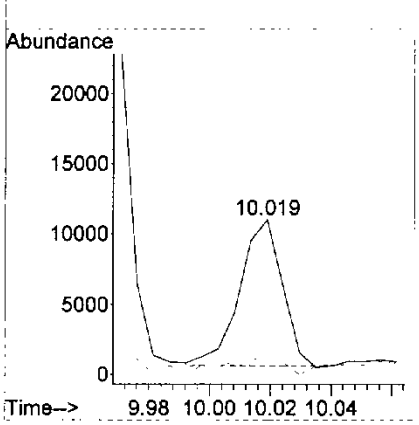


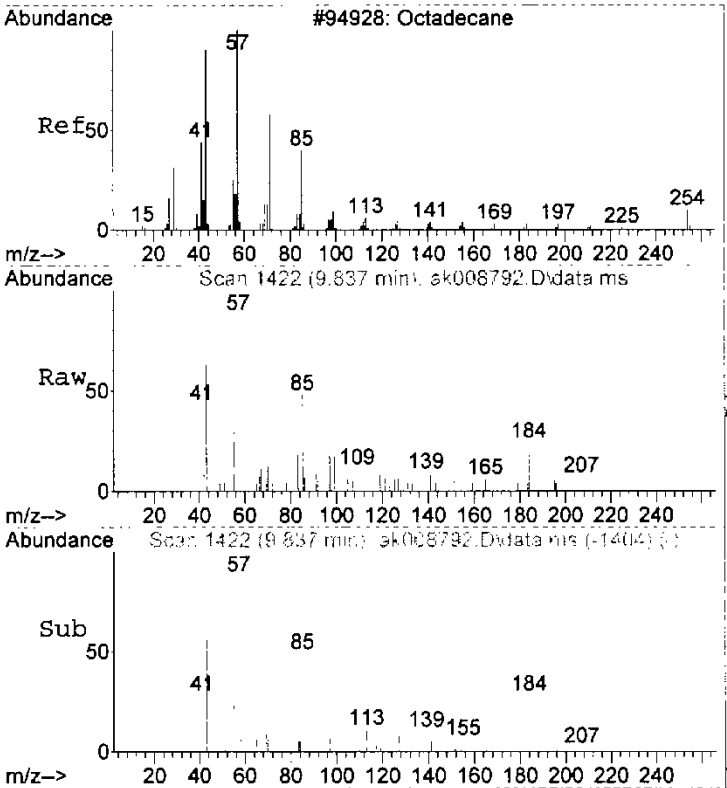


#70
Anthracene
Concen: 17.01 ug/L
RT: 10.019 min Scan# 1456
Delta R.T. 0.000 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:178 Resp: 10042

Ion	Ratio	Lower	Upper
178	100		
152	10.0	0.0	36.8

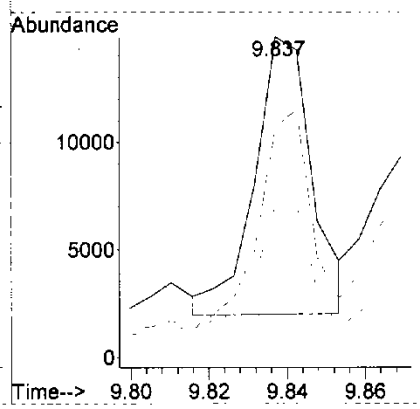


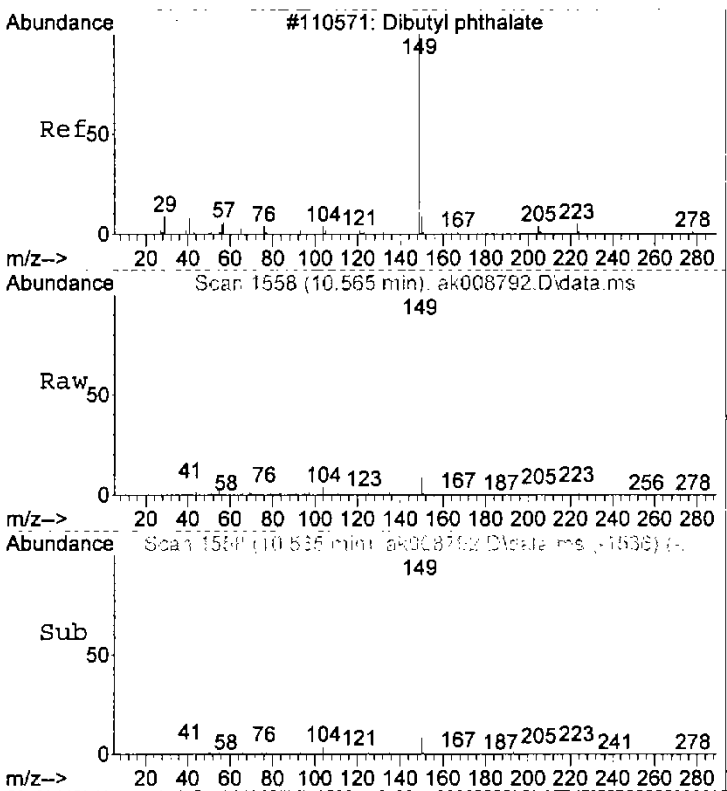


#71
Octadecane
Concen: 53.26 ug/L
RT: 9.837 min Scan# 1422
Delta R.T. -0.005 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion: 57 Resp: 13128

Ion	Ratio	Lower	Upper
57	100		
71	77.4	28.0	88.0
85	50.8	9.7	69.7

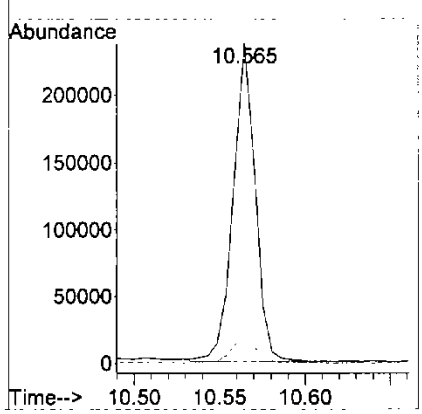


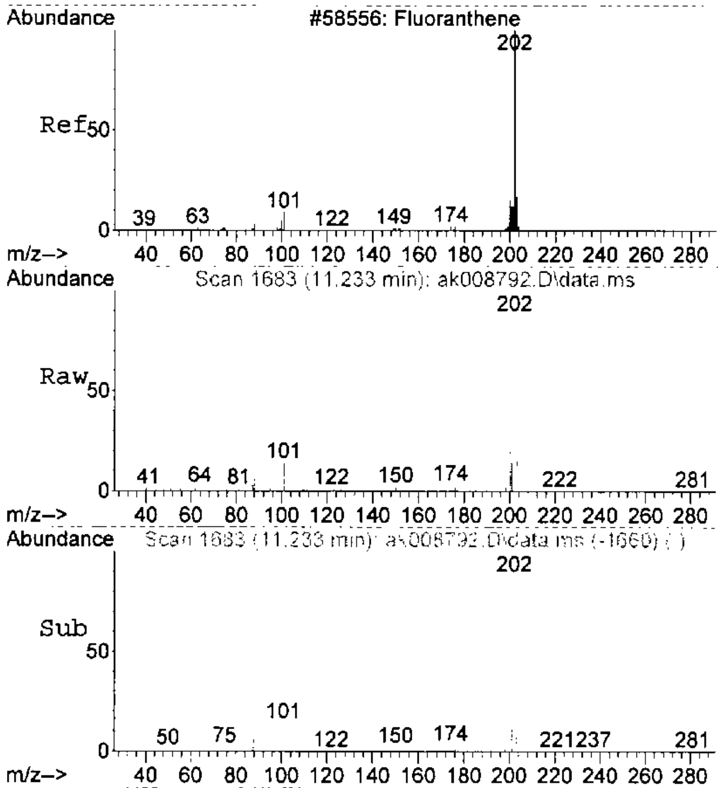


#73
Di-n-butylphthalate
Concen: 258.06 ug/L
RT: 10.565 min Scan# 1558
Delta R.T. -0.010 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:149 Resp: 212875

Ion	Ratio	Lower	Upper
149	100		
150	9.3	0.0	39.0

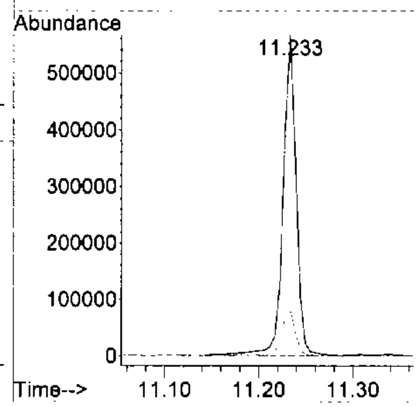


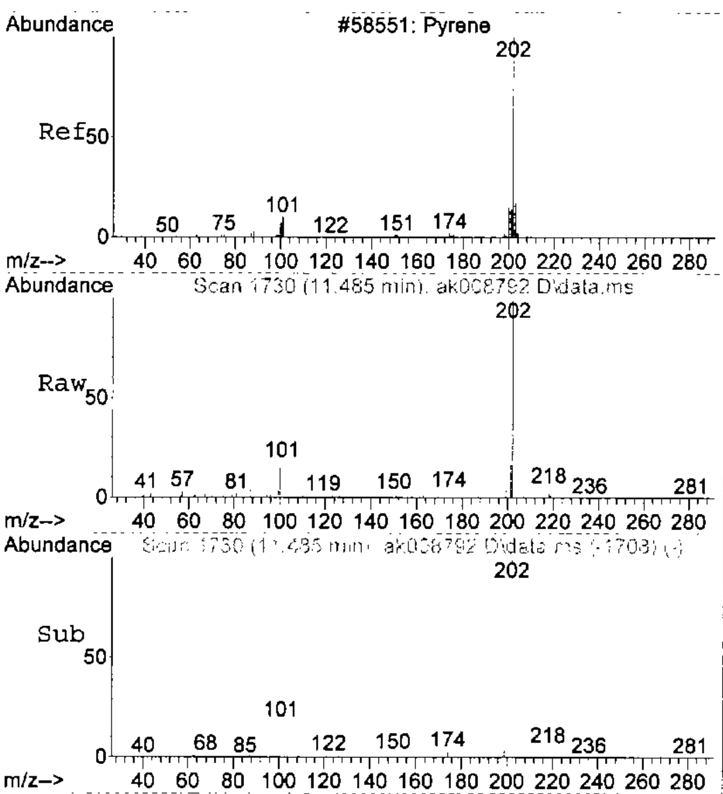


#74
Fluoranthene
Concen: 943.45 ug/L
RT: 11.233 min Scan# 1683
Delta R.T. -0.005 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:202 Resp: 546448

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	44.4

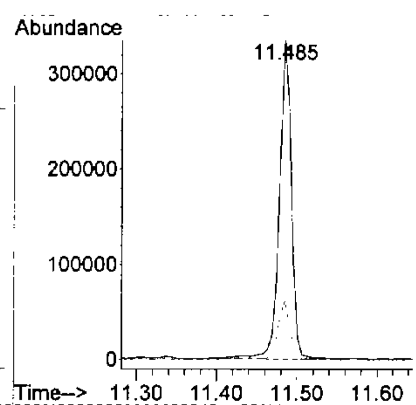


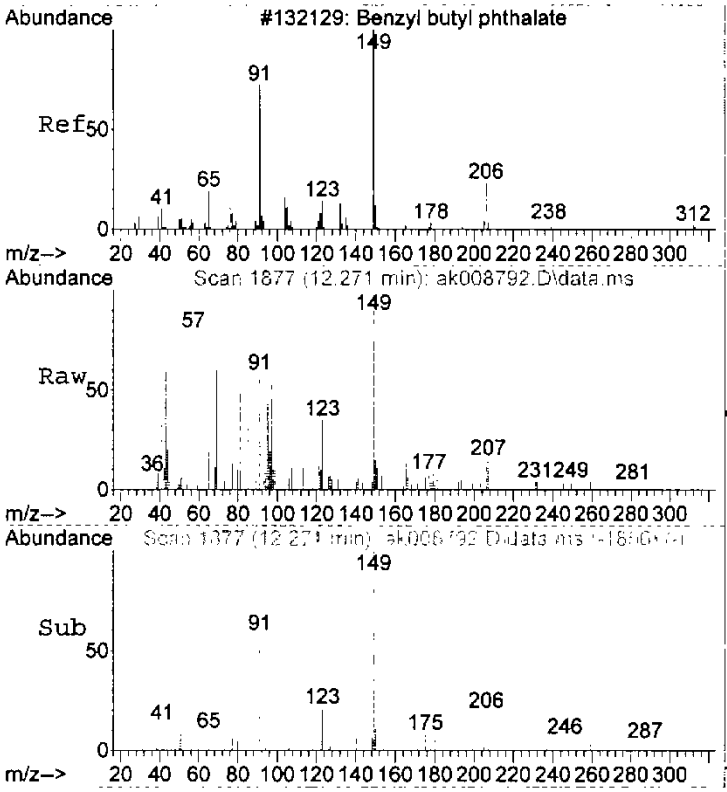


#75
Pyrene
Concen: 575.57 ug/L
RT: 11.485 min Scan# 1730
Delta R.T. -0.010 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:202 Resp: 353869

Ion	Ratio	Lower	Upper
202	100		
101	18.4	0.0	46.9

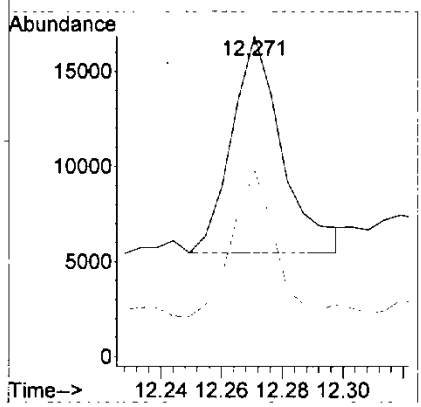


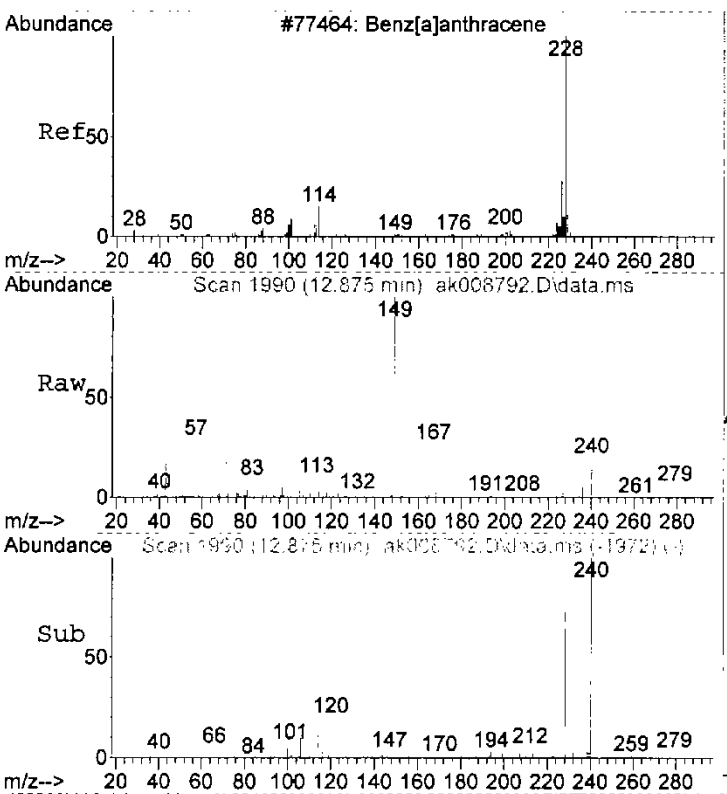


#79
Butylbenzylphthalate
Concen: 120.91 ug/L
RT: 12.271 min Scan# 1877
Delta R.T. 0.011 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:149 Resp: 13102

Ion	Ratio	Lower	Upper
149	100		
91	68.7	34.7	94.7

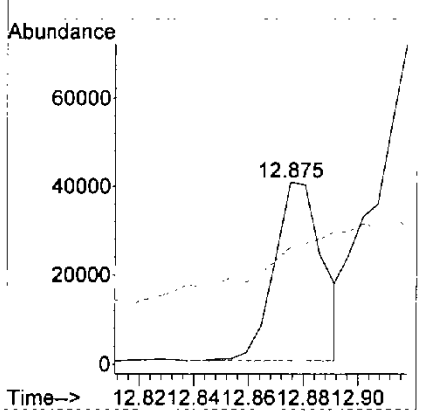


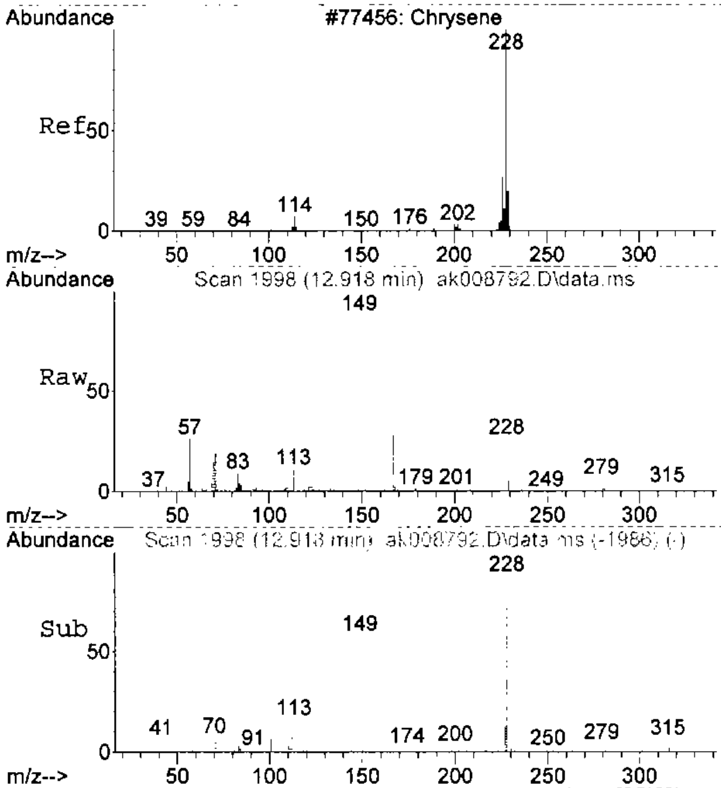


#80
Benzo(a)anthracene
Concen: 133.15 ug/L
RT: 12.875 min Scan# 1990
Delta R.T. -0.005 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:228 Resp: 49564

Ion	Ratio	Lower	Upper
228	100		
113	7.7	0.0	41.7

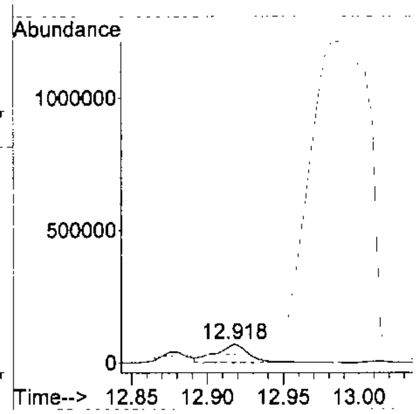


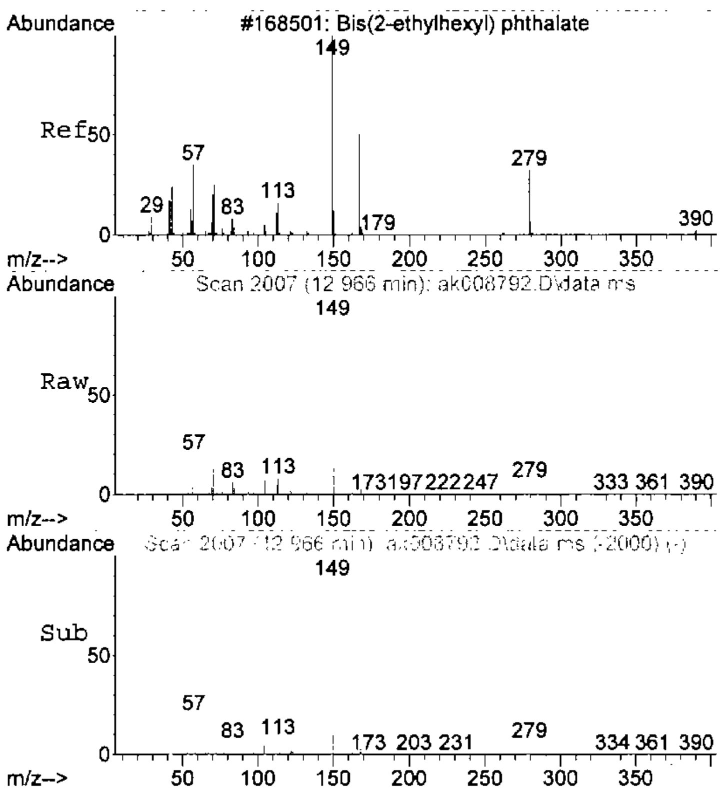


#82
Chrysene
Concen: 285.15 ug/L
RT: 12.918 min Scan# 1998
Delta R.T. -0.000 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:228 Resp: 106884

Ion	Ratio	Lower	Upper
228	100		
113	0.0	0.0	44.5

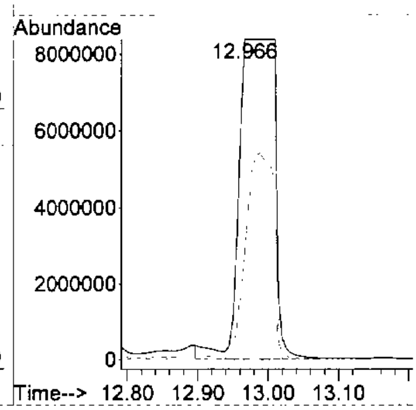


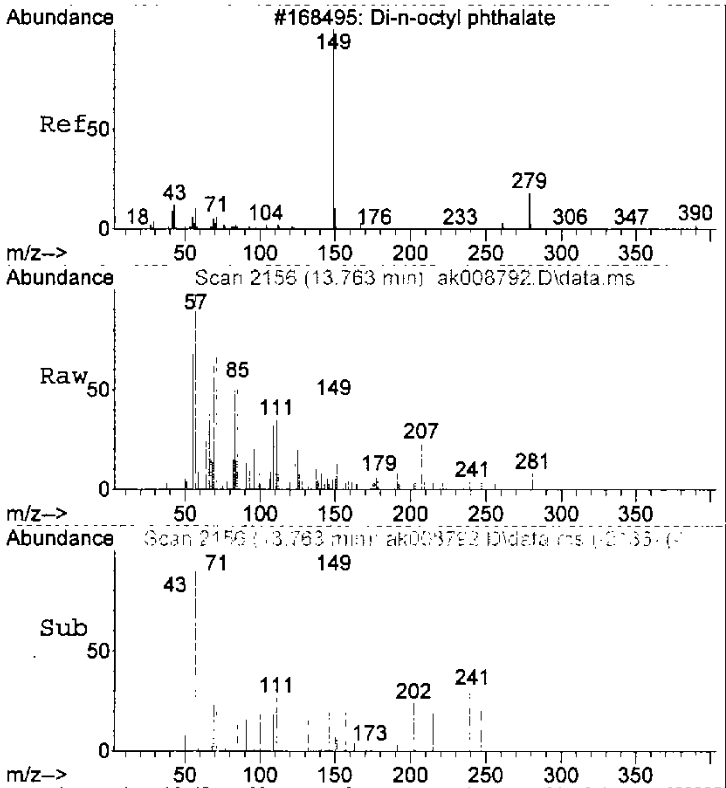


#83
bis(2-Ethylhexyl)phthalate
Concen: 93881.62 ug/L m
RT: 12.966 min Scan# 2007
Delta R.T. -0.065 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:149 Resp:29420701

Ion	Ratio	Lower	Upper
149	100		
167	32.1	0.4	60.4
279	6.4	0.0	35.8

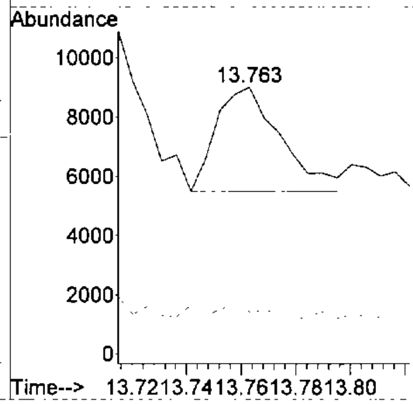


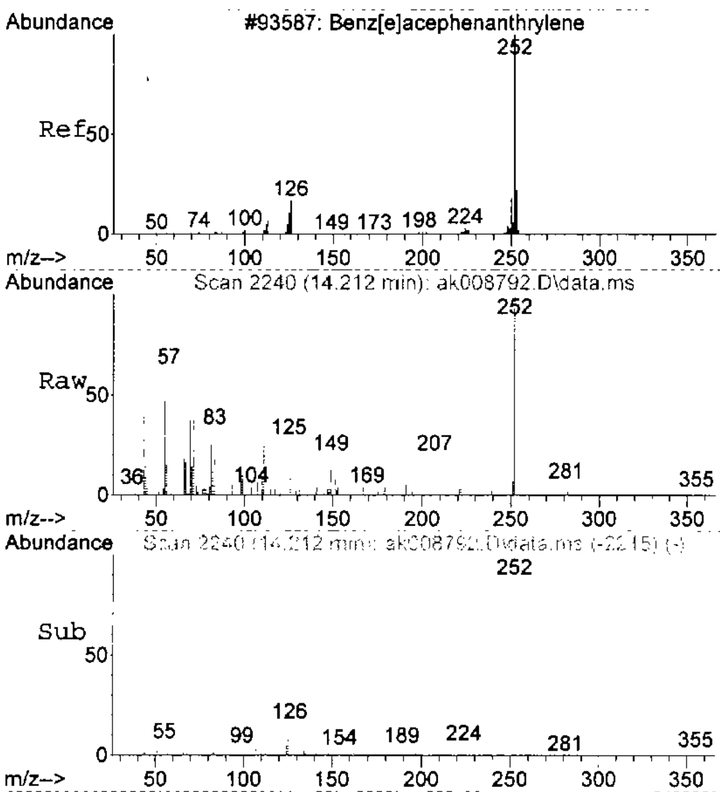


#85
Di-n-octylphthalate
Concen: 201.52 ug/L
RT: 13.763 min Scan# 2156
Delta R.T. 0.006 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:149 Resp: 5760

Ion	Ratio	Lower	Upper
149	100		
150	6.5	0.0	39.7

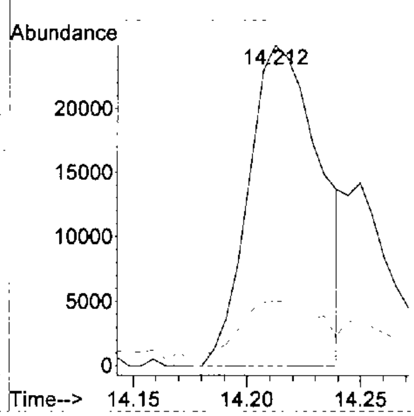


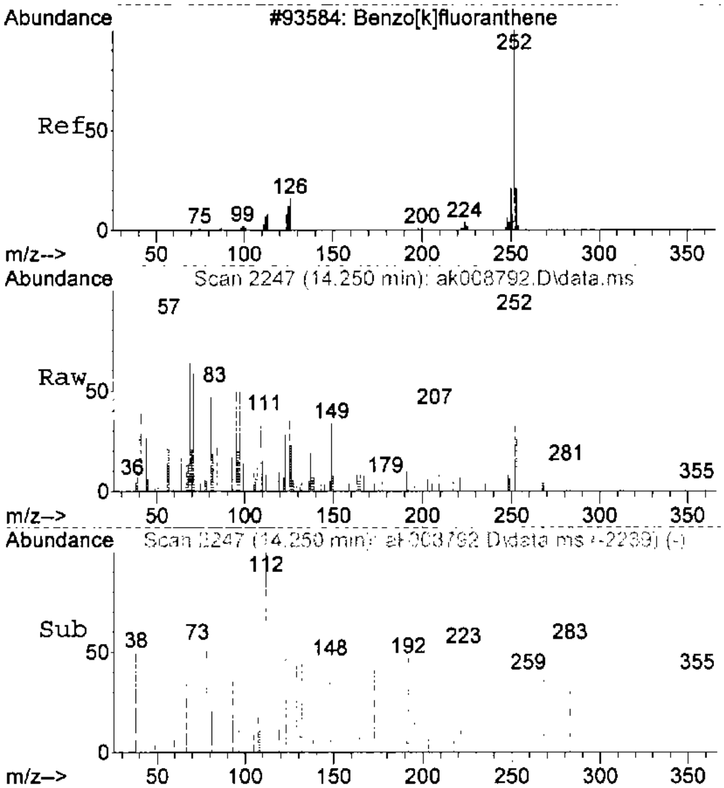


#86
Benzo(b)fluoranthene
Concen: 166.87 ug/l
RT: 14.212 min Scan# 2240
Delta R.T. 0.004 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:252 Resp: 53934

Ion	Ratio	Lower	Upper
252	100		
126	18.5	0.0	46.6

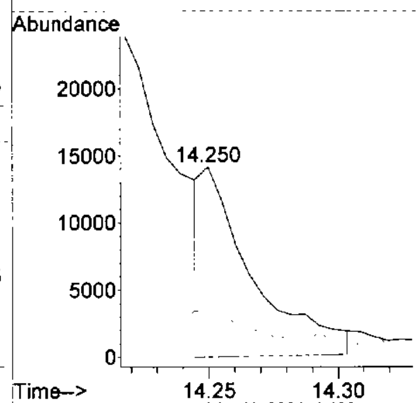


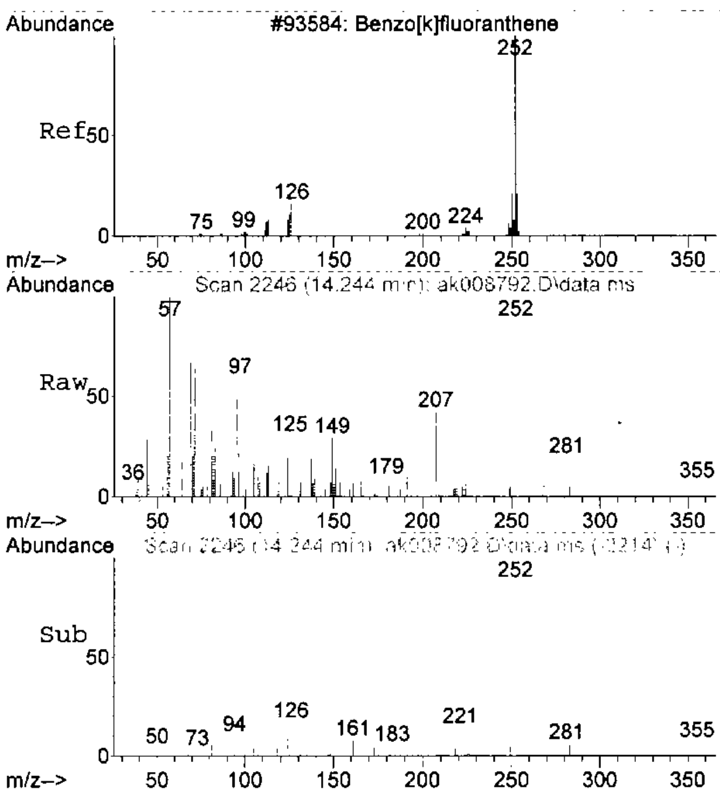


#87
Benzo(k)fluoranthene
Concen: 57.50 ug/l m
RT: 14.250 min Scan# 2247
Delta R.T. 0.004 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:252 Resp: 19257

Ion	Ratio	Lower	Upper
252	100		
126	0.0	0.0	49.1

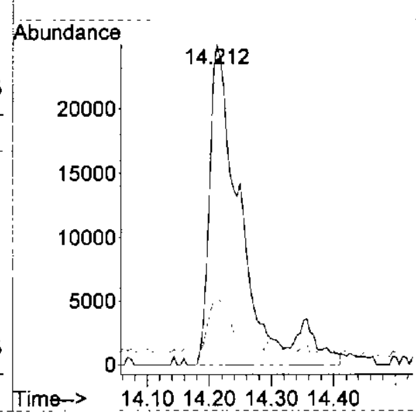


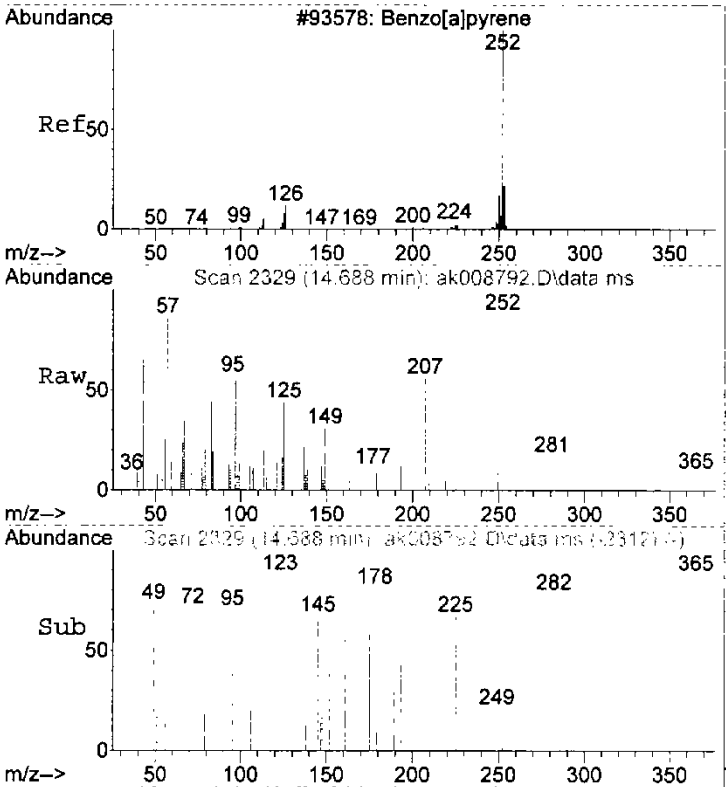


#88
Benzofluoranthenes
Concen: 258.83 ug/L
RT: 14.246 min Scan# 2246
Delta R.T. -0.035 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:252 Resp: 88805

Ion	Ratio	Lower	Upper
252	100		
126	20.6	0.0	44.0

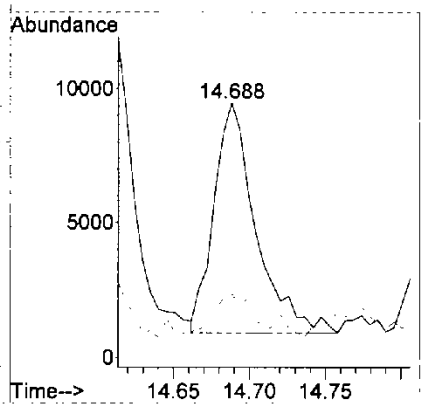


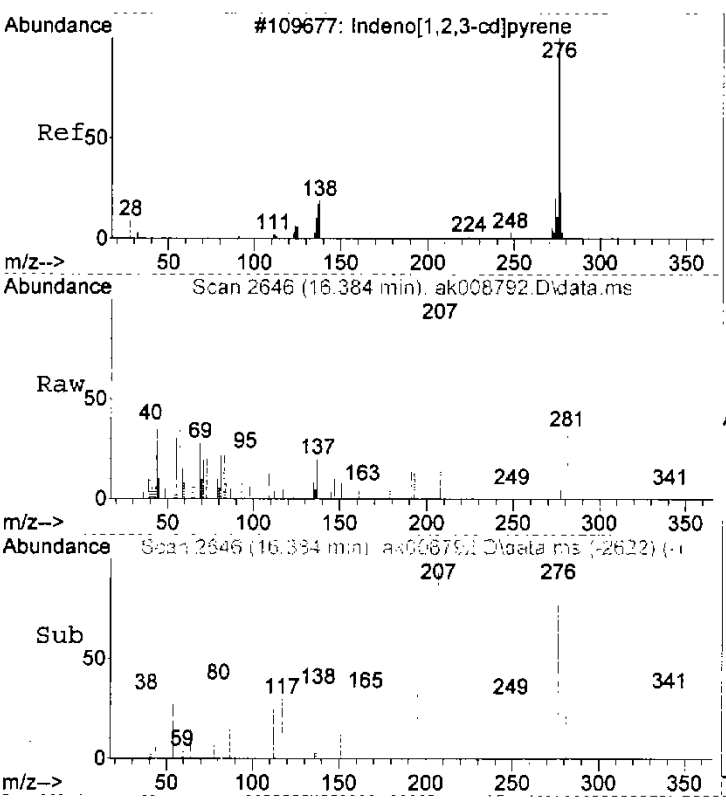


#89
Benzo(a)pyrene
Concen: 63.83 ug/L
RT: 14.688 min Scan# 2329
Delta R.T. -0.008 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:252 Resp: 16381

Ion	Ratio	Lower	Upper
252	100		
126	11.9	0.0	46.5

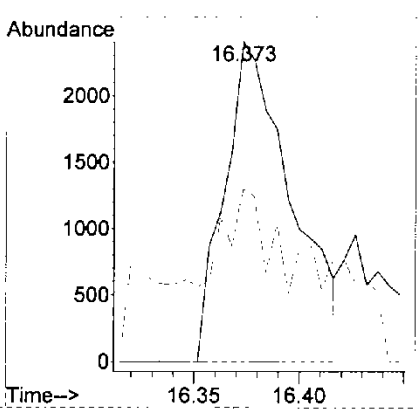


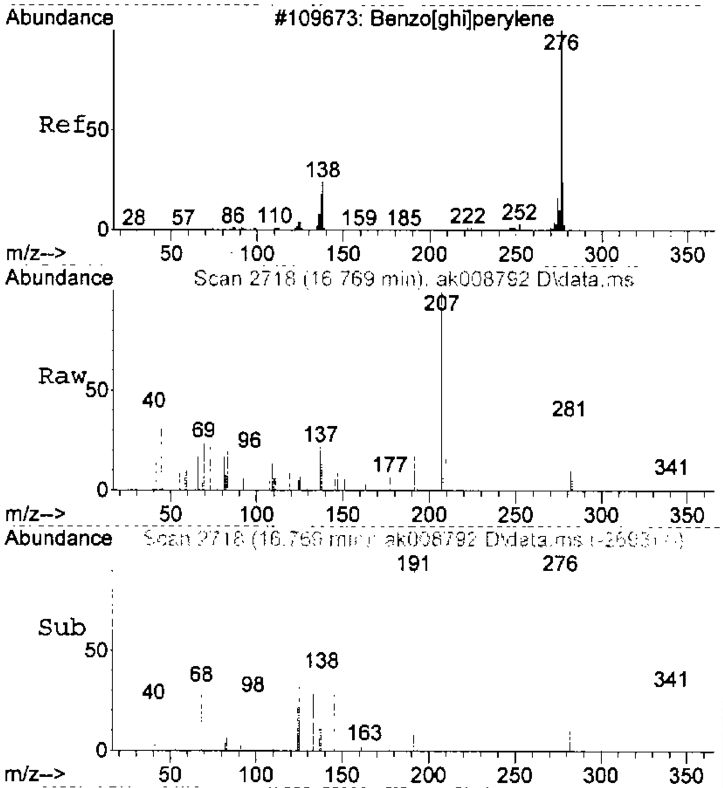


#90
Indeno(1,2,3-cd)pyrene
Concen: 31.62 ug/L
RT: 16.383 min Scan# 2646
Delta R.T. -0.013 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:276 Resp: 5290

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	57.8

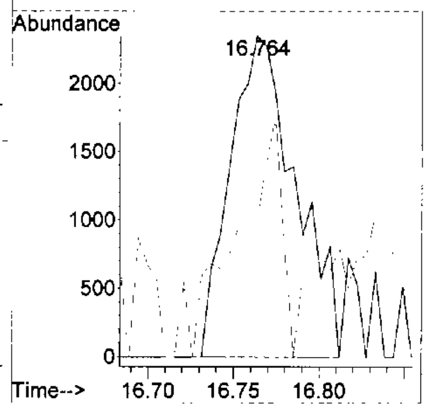




#92
Benzo(g,h,i)perylene
Concen: 25.78 ug/L
RT: 16.769 min Scan# 2718
Delta R.T. -0.005 min
Lab File: ak008792.D
Acq: 5 Apr 2007 1:35

Tgt Ion:276 Resp: 6256

Ion	Ratio	Lower	Upper
276	100		
138	44.9	0.0	56.4



Quantitation Report (Not Reviewed)

Data File : G:\DATA\040507_a\ak008813.D Vial: 9
Sample : 580-5404-A-14-D 1:100
Misc : BT$S40040407A
Acq On : 5 Apr 2007 18:33 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 10:14:03 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

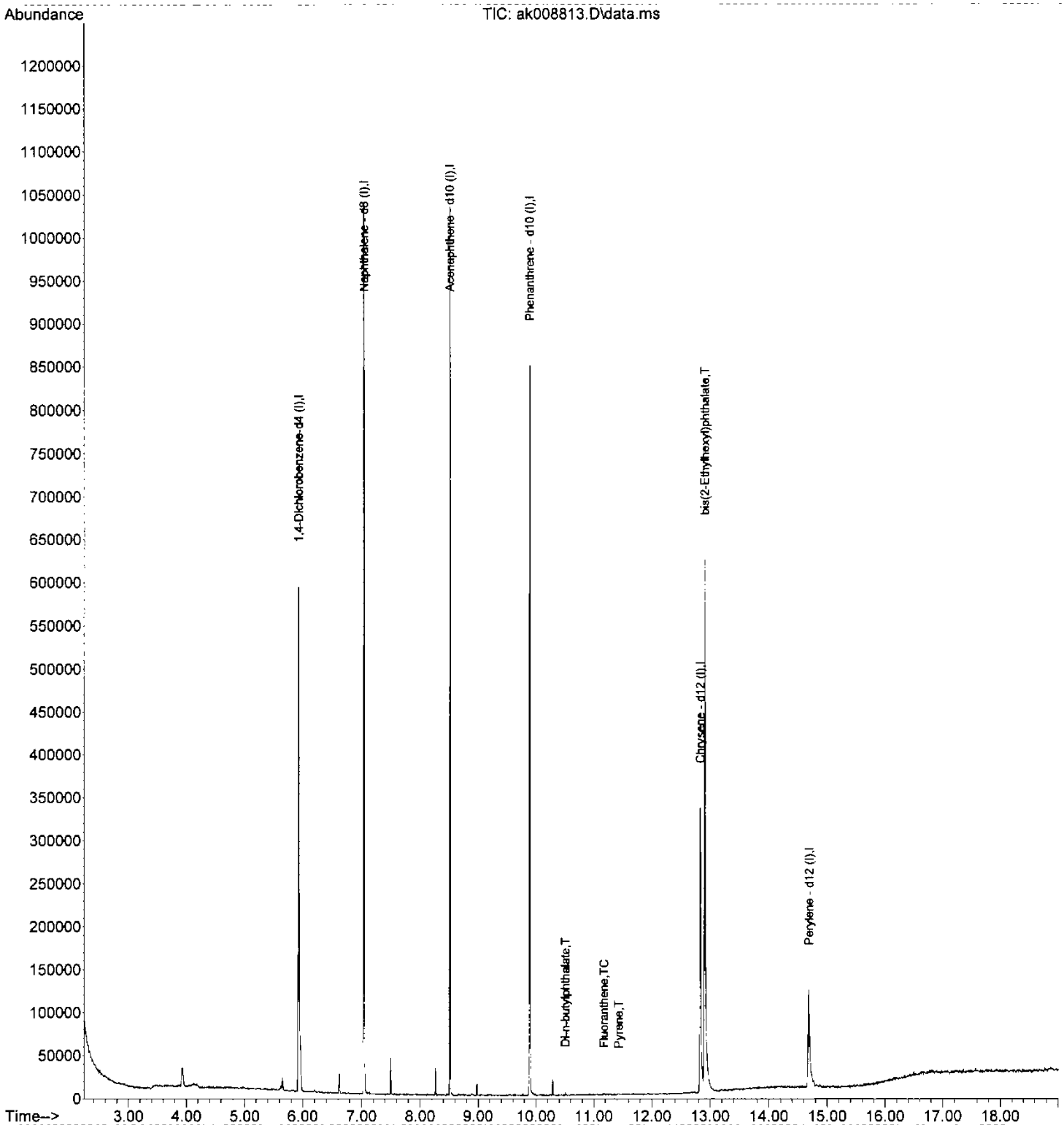
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.927	152	130214	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.040	136	464473	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.516	162	208790	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.891	188	290187	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.827	240	194327	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.683	264	83496	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	0.000	112	0	0.00	ug/L	
7) Phenol - d5 (S)	0.000	99	0	0.00	ug/L	
22) Nitrobenzene - d5 (S)	0.000	82	0	0.00	ug/L	
42) 2 - Fluorobiphenyl (S)	7.949	172	522	1.67	ug/L	0.00
64) 2,4,6 - Tribromophenol...	0.000	330	0	0.00	ug/L	
77) p - Terphenyl - d14 (S)	0.000	244	0	0.00	ug/L	
Target Compounds						Qvalue
57) Diethylphthalate	8.896	149	1140	Below Cal		57
73) Di-n-butylphthalate	10.506	149	2102	5.07	ug/L	75
74) Fluoranthene	11.180	202	1412	4.85	ug/L	65
75) Pyrene	11.431	202	1074	3.48	ug/L	61
83) bis(2-Ethylhexyl)phtha...	12.907	149	301997	1734.65	ug/L	95

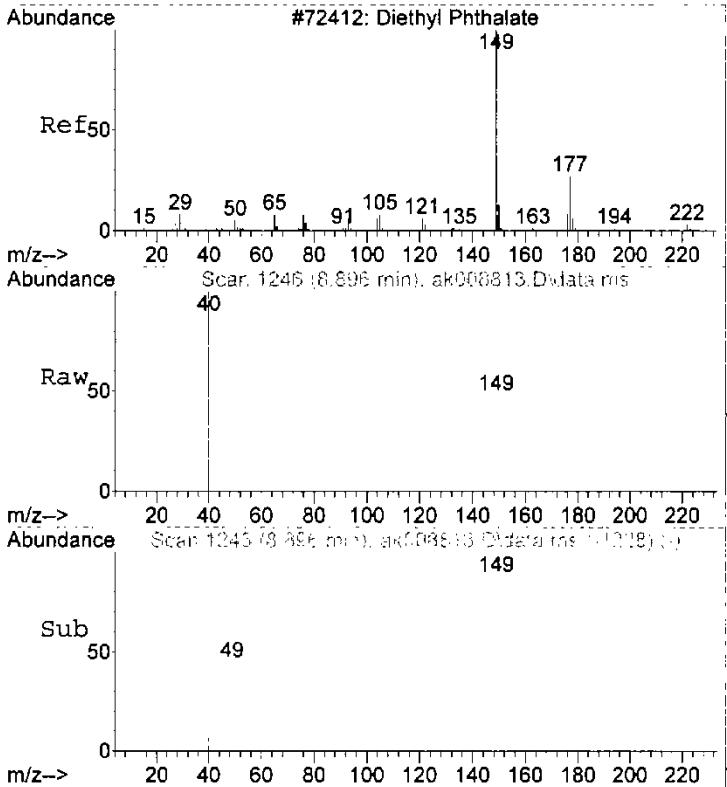
(#) = qualifier out of range (m) = manual integration (+) = signals summed

004310

Data File : G:\DATA\040507_a\ak008813.D Vial: 9
Sample : 580-5404-A-14-D 1:100
Misc : BT$S40040407A
Acq On : 5 Apr 2007 18:33 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 10:14:03 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

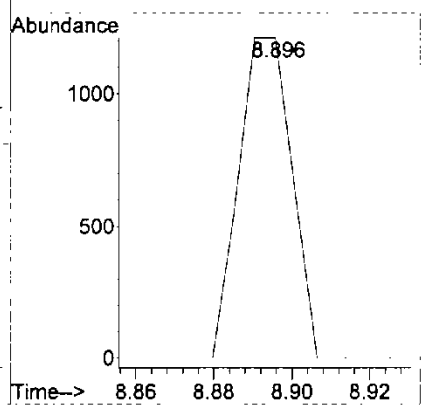


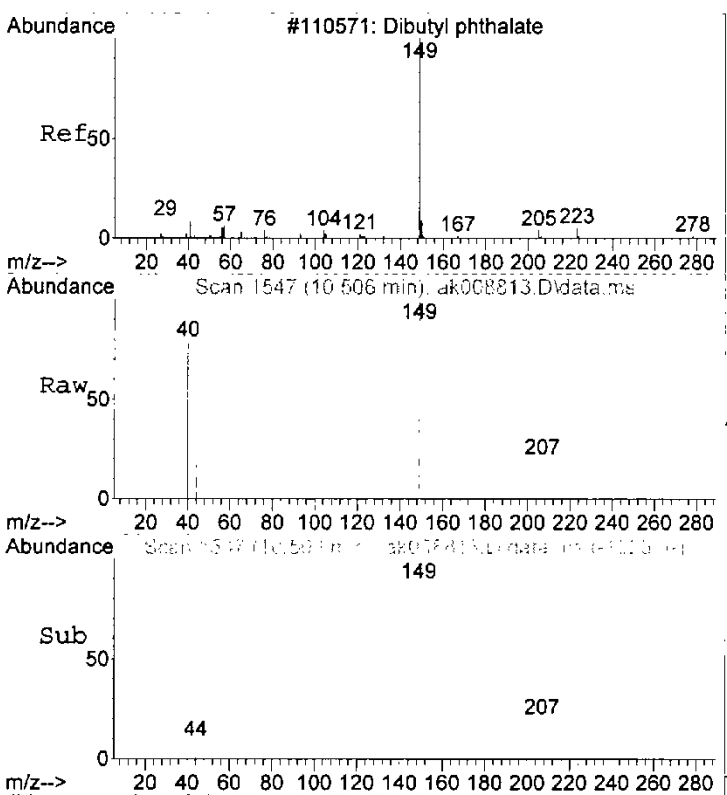


#57
Diethylphthalate
Concen: Below Cal
RT: 8.896 min Scan# 1246
Delta R.T. -0.003 min
Lab File: ak008813.D
Acq: 5 Apr 2007 18:33

Tgt Ion:149 Resp: 1140

Ion	Ratio	Lower	Upper
149	100		
177	0.0	0.0	49.3

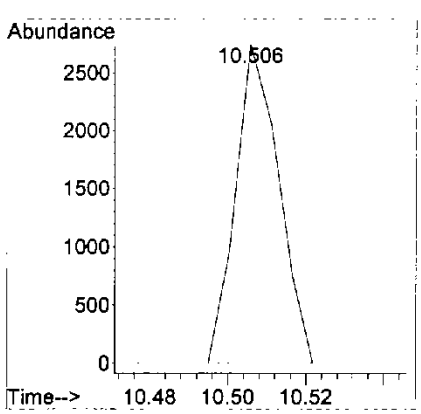


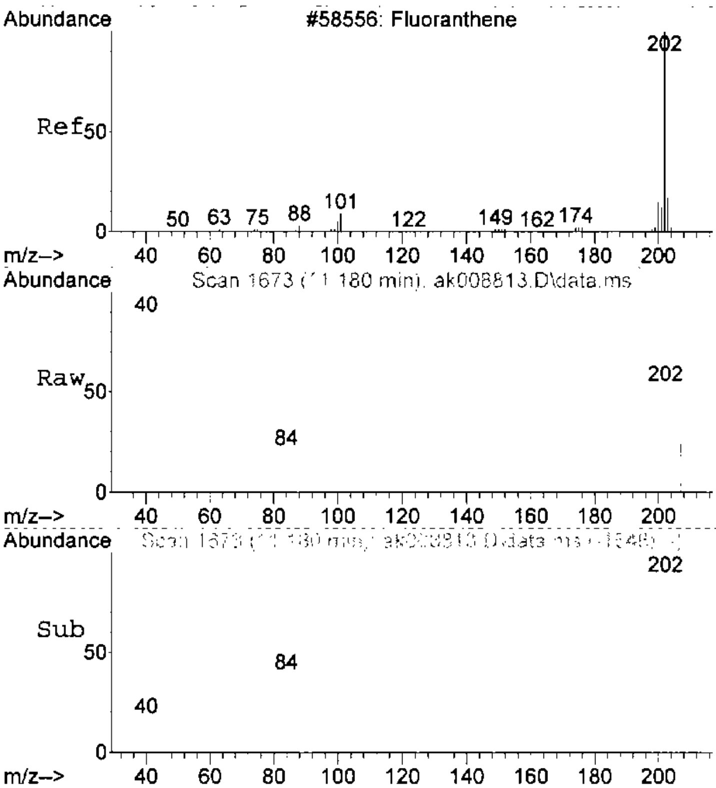


#73
Di-n-butylphthalate
Concen: 5.07 ug/L
RT: 10.506 min Scan# 1547
Delta R.T. -0.012 min
Lab File: ak008813.D
Acq: 5 Apr 2007 18:33

Tgt Ion:149 Resp: 2102

Ion	Ratio	Lower	Upper
149	100		
150	0.0	0.0	39.0

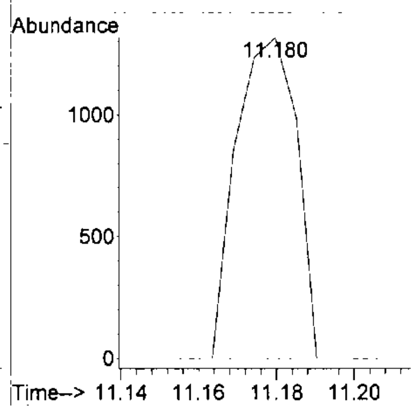


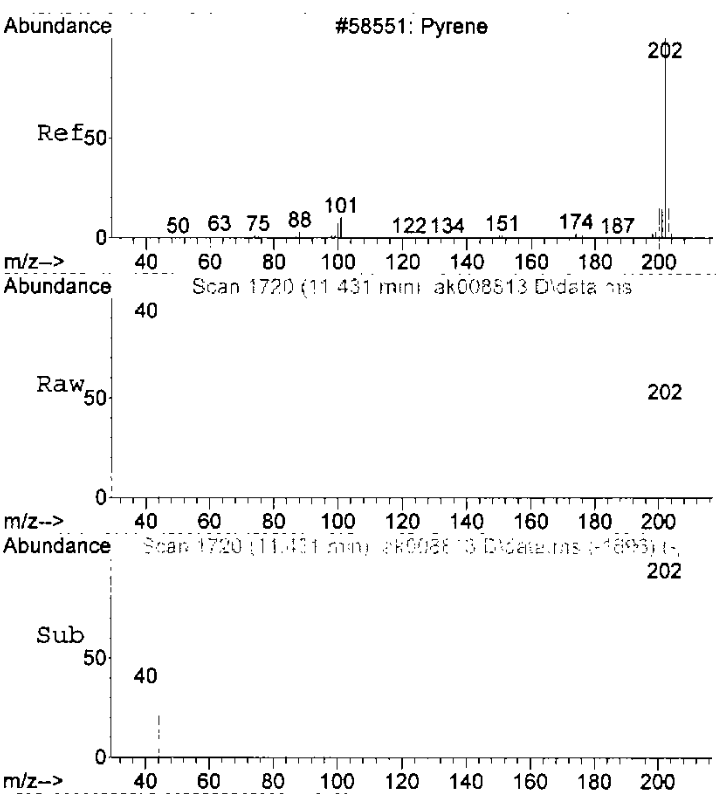


#74
Fluoranthene
Concen: 4.85 ug/L
RT: 11.180 min Scan# 1673
Delta R.T. 0.002 min
Lab File: ak008813.D
Acq: 5 Apr 2007 18:33

Tgt Ion:202 Resp: 1412

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	44.4

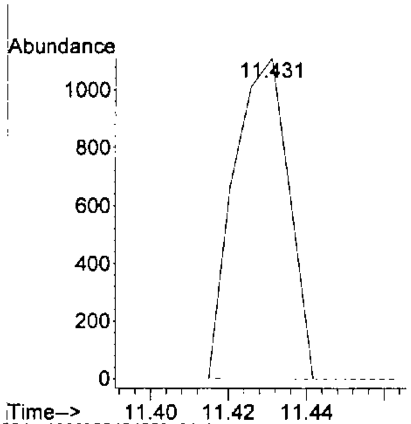




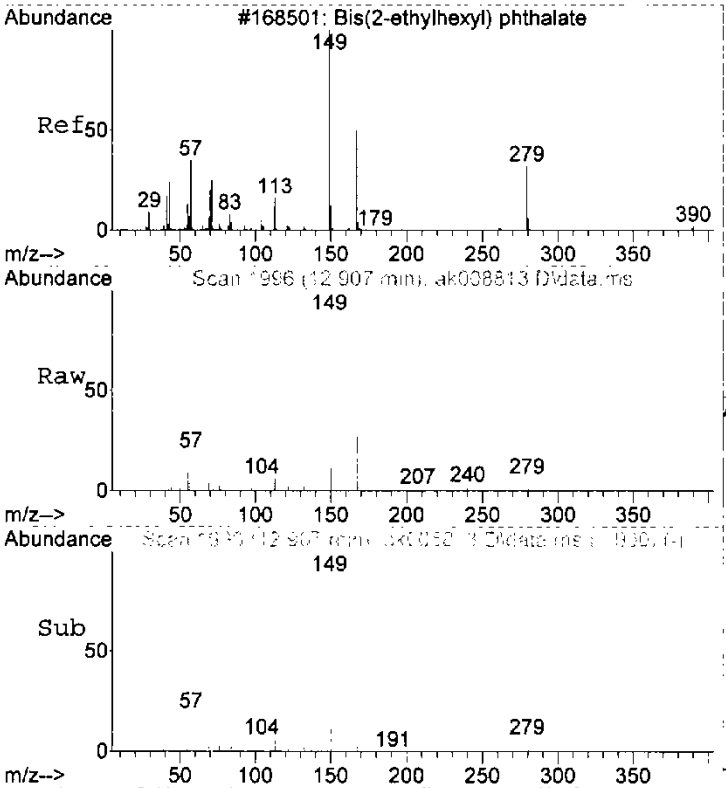
#75
Pyrene
Concen: 3.48 ug/L
RT: 11.431 min Scan# 1720
Delta R.T. -0.002 min
Lab File: ak008813.D
Acq: 5 Apr 2007 18:33

Tgt Ion:202 Resp: 1074

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	46.9



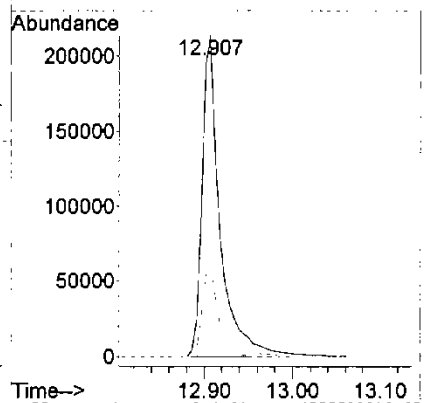
004313



#83
bis(2-Ethylhexyl)phthalate
Concen: 1734.65 ug/L
RT: 12.907 min Scan# 1996
Delta R.T. -0.065 min
Lab File: ak008813.D
Acq: 5 Apr 2007 18:33

Tgt Ion:149 Resp: 301997

Ion	Ratio	Lower	Upper
149	100		
167	27.4	0.4	60.4
279	6.1	0.0	35.8



Data File Name ak008791.D
Data File Path G:\DATA\040407_a\
Operator CLZ
Date Acquired 4/5/2007 1:08
Sample Name 580-5404-A-13-D
Vial Number 21

#	Name	Target Response	ICAL response		%
1)	1,4-Dichlorobenzene-d4 (I)	172653	184055		94%
21)	Naphthalene - d8 (I)	656110	713915		92%
37)	Acenaphthene - d10 (I)	341257		359759	95%
61)	Phenanthrene - d10 (I)	517223		535020	97%
78)	Chrysene - d12 (I)	375438		315876	119%
84)	Perylene - d12 (I)	255898		181603	141%

Pass/Fail
PASS
PASS
PASS
PASS
PASS
PASS

Data File Name ak008792.D
Data File Path G:\DATA\040407_a\
Operator CLZ
Date Acquired 4/5/2007 1:35
Sample Name 580-5404-A-14-D
Vial Number 22

#	Name	Target Response	ICAL response		%
1)	1,4-Dichlorobenzene-d4 (I)	185153	184055		101%
21)	Naphthalene - d8 (I)	708848	713915		99%
37)	Acenaphthene - d10 (I)	360721		359759	100%
61)	Phenanthrene - d10 (I)	524060		535020	98%
78)	Chrysene - d12 (I)	336459		315876	107%
84)	Perylene - d12 (I)	228089		181603	126%

Pass/Fail
PASS
PASS
PASS
PASS
PASS
PASS

INITIAL CALIBRATION

Sequence Log

Directory : g:\DATA\040407_a

#	Filename	Sample Name	Date/Time
1	ak008769.d	dftpp	04/04/07 15:34
2	ak008770.d	20 ug/l 8270 ical std no 1281-42-1	04/04/07 15:50
3	ak008771.d	50 ug/l 8270 ical std no 1281-42-2	04/04/07 16:17
4	ak008772.d	100 ug/l 8270 ical std no 1281-42-3	04/04/07 16:44
5	ak008773.d	200 ug/l 8270 ical std no 1281-42-4	04/04/07 17:11
6	ak008774.d	500 ug/l 8270 ical std no 1281-42-5	04/04/07 17:38
7	ak008775.d	1000 ug/l 8270 ical std no 1281-42-6	04/04/07 18:06
8	ak008776.d	1500 ug/l 8270 ical std no 1281-42-7	04/04/07 18:33
9	ak008777.d	2000 ug/l 8270 ical std no 1281-42-8	04/04/07 19:00
10	ak008778.d	2500 ug/l 8270 ical std no 1281-42-9	04/04/07 19:27
11	ak008779.d	5000 ug/l 8270 ical std no 1281-42-10	04/04/07 19:54
12	ak008780.d	1000 ug/l 8270 ocs std no 1281-43-1	04/04/07 20:23

Calibration Status Report sea040

Method Path : G:\Methods\
Method File : 8270_040407.M
Title : USEPA Method 8270 Calibration
Last Update : Fri Apr 06 08:18:48 2007
Response Via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	20	-1	1000	G:\DATA\040407_a\ak008770.D
2	50	250	1000	G:\DATA\040407_a\ak008771.D
3	100	500	1000	G:\DATA\040407_a\ak008772.D
4	200	1000	1000	G:\DATA\040407_a\ak008773.D
5	500	2500	1000	G:\DATA\040407_a\ak008774.D
6	1000	5000	1000	G:\DATA\040407_a\ak008775.D
7	1500	7500	1000	G:\DATA\040407_a\ak008776.D
8	2000	10000	1000	G:\DATA\040407_a\ak008777.D
9	2500	12500	1000	G:\DATA\040407_a\ak008778.D
10	5000	25000	1000	G:\DATA\040407_a\ak008779.D

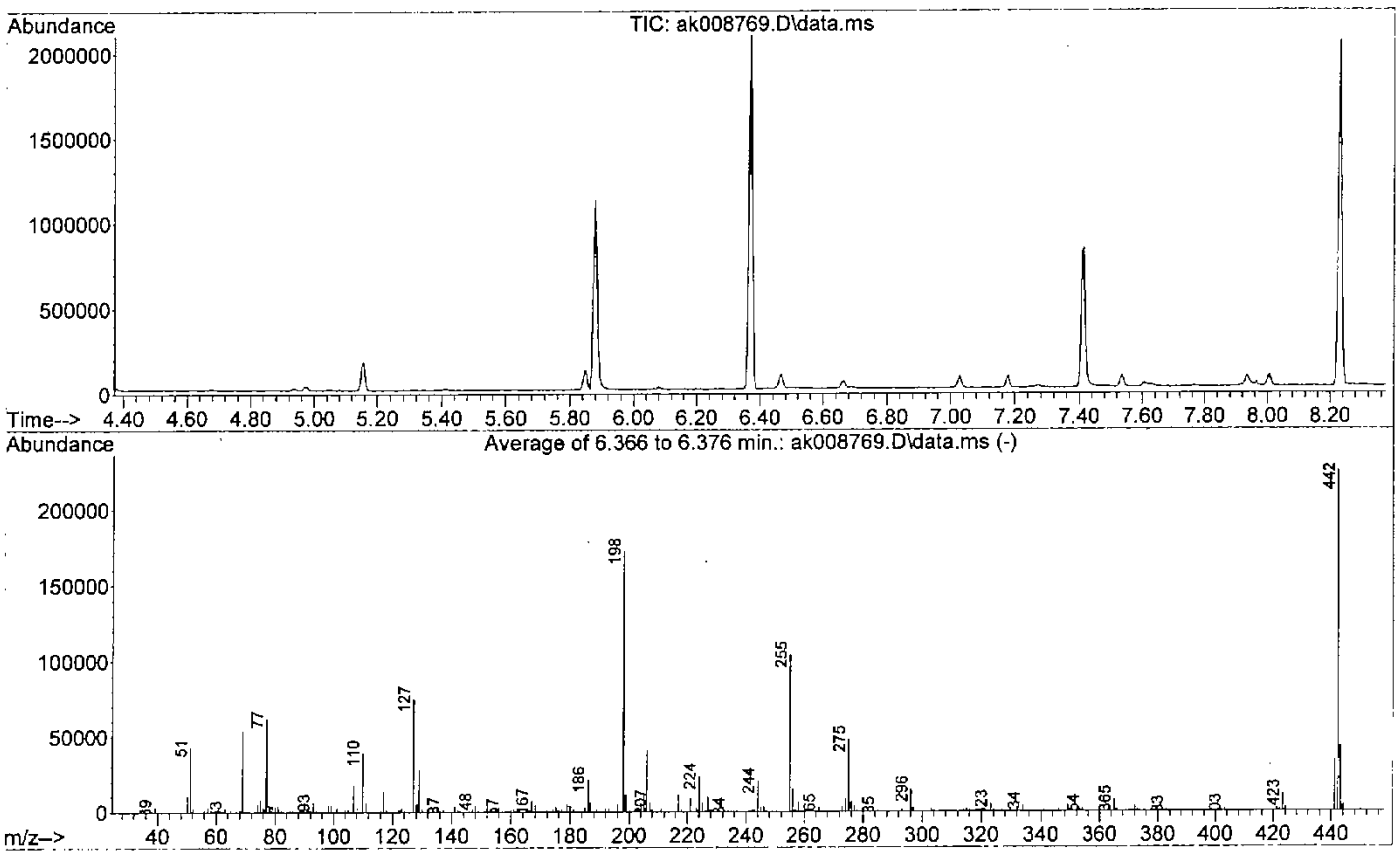
#	ID	Update Time	Quant Time	Acquisition Time
1	20	Apr 05 11:17 2007	Apr 05 11:16 2007	
2	50	Apr 06 08:00 2007	Apr 05 11:17 2007	
3	100	Apr 05 11:18 2007	Apr 05 11:18 2007	
4	200	Apr 05 11:30 2007	Apr 05 11:30 2007	
5	500	Apr 05 11:20 2007	Apr 05 11:20 2007	
6	1000	Apr 05 11:16 2007	Apr 05 11:16 2007	
7	1500	Apr 05 11:21 2007	Apr 05 11:20 2007	
8	2000	Apr 06 08:14 2007	Apr 05 11:30 2007	
9	2500	Apr 05 11:23 2007	Apr 05 11:22 2007	
10	5000	Apr 05 11:34 2007	Apr 05 11:34 2007	

3270_040407.M Fri Apr 06 08:37:50 2007

Data Path : G:\DATA\040407_a\
Data File : ak008769.D
Acq On : 4 Apr 2007 15:34
Operator : CLZ
Sample : dftpp
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e

Method : G:\Methods\dftpp.M
Title :
Last Update : Thu Apr 05 12:14:30 2007



AutoFind: Scans 614, 615, 616; Background Corrected with Scan 610

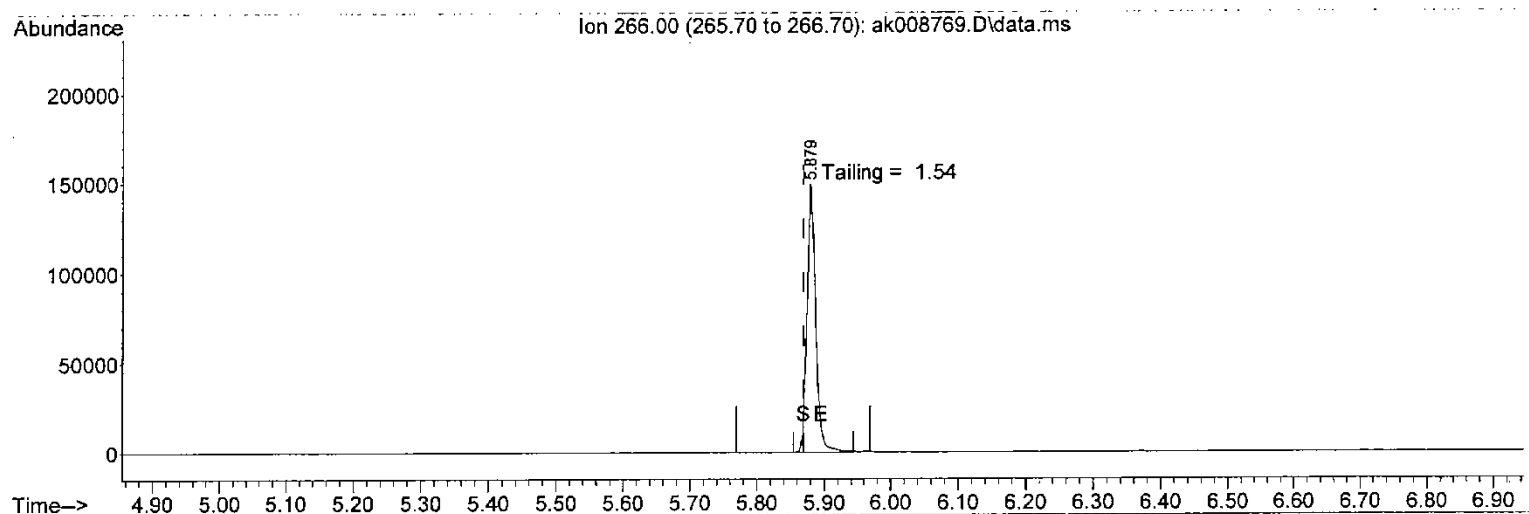
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	442	10	80	19.1	42843	PASS
68	69	0.00	2	1.8	953	PASS
69	198	0.00	100	31.3	53948	PASS
70	69	0.00	2	1.3	716	PASS
127	442	10	80	33.4	75178	PASS
197	198	0.00	1	0.1	194	PASS
198	442	50	100	76.7	172472	PASS
199	198	5	9	6.6	11308	PASS
275	442	10	60	21.3	47912	PASS
365	198	1	100	4.4	7517	PASS
441	443	0.01	100	77.8	33738	PASS
442	442	50	100	100.0	224874	PASS
443	442	17	23	19.3	43354	PASS

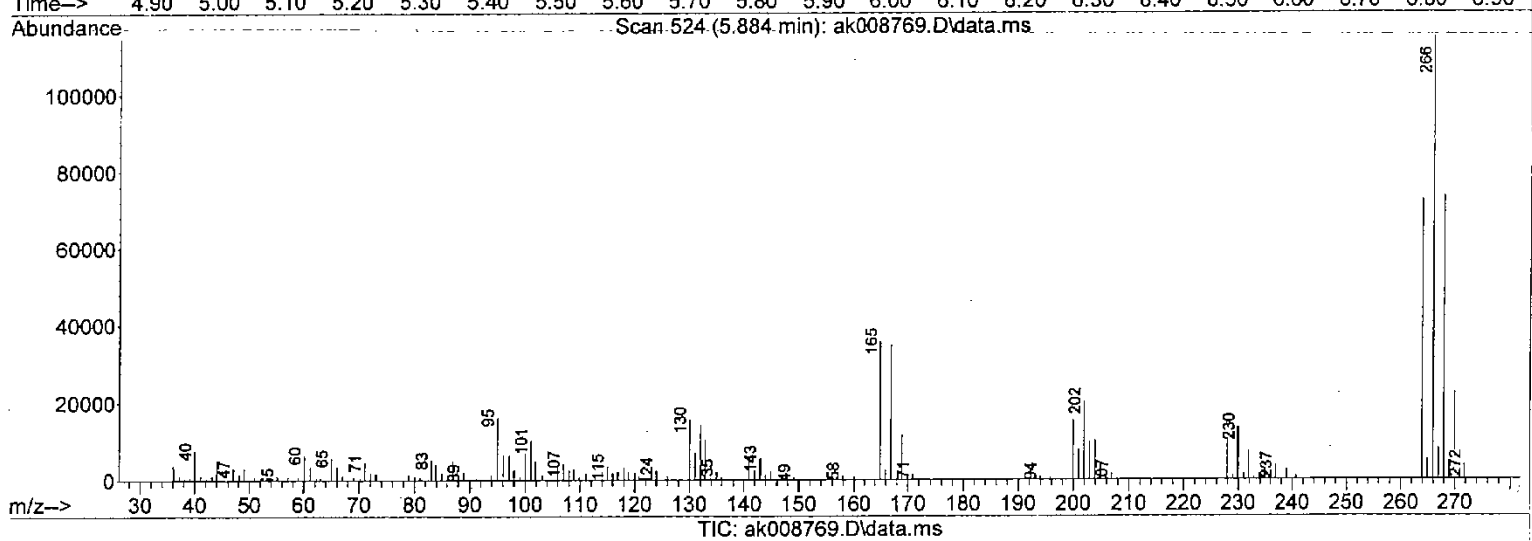
004322

Quantitation Report (Qedit)

Data File : G:\DATA\040407_a\ak008769.D Vial: 1
Sample : dftpp
Misc :
Acq On : 4 Apr 2007 15:34 Operator: CLZ
InstName : sea040

DataAcq Meth:DFTPP.M
Quant Method : G:\Methods\dftpp.M
Quant Title :
QLast Update : Thu Apr 05 12:14:30 2007
Response via : Initial Calibration
Quant Results File: dftpp.RES





(1) Pentachlorophenol (T)

5.882min (+0.013) 4.45ug/ml

response 1297822

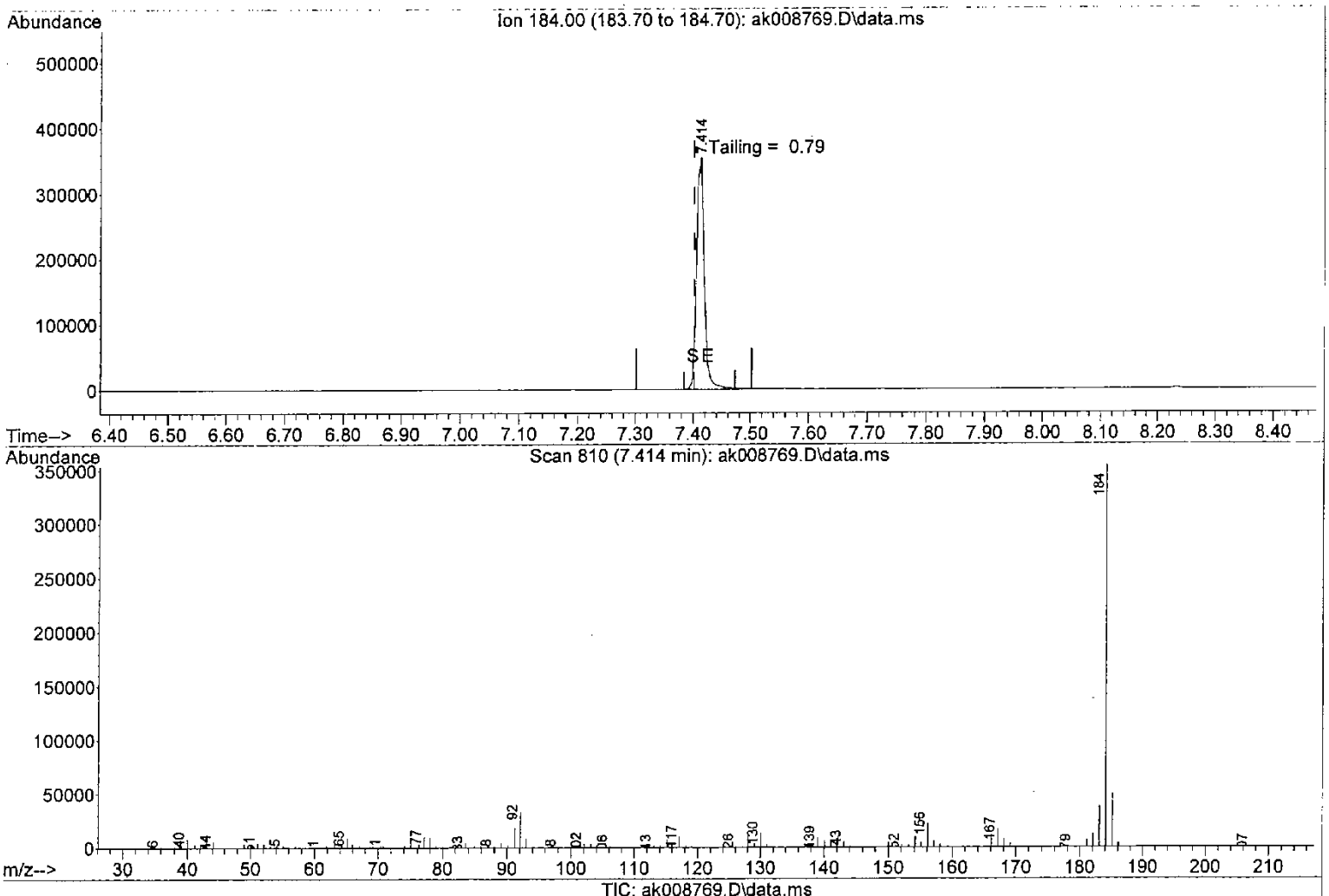
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

004323

Quantitation Report (Qedit)

Data File : G:\DATA\040407_a\ak008769.D Vial: 1
Sample : dftpp
Misc :
Acq On : 4 Apr 2007 15:34 Operator: CLZ
InstName : sea040

DataAcq Meth:DFTPP.M
Quant Method : G:\Methods\dftpp.M
Quant Title :
QLast Update : Thu Apr 05 12:14:30 2007
Response via : Initial Calibration
Quant Results File: dftpp.RES



(3) Benzidine (T)

7.414min (+0.012) 2.29ug/ml

response 3225092

Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data File Name **ak008769.D**
Data File Path **G:\DATA\040407_a**
Operator **CLZ**

DFTPP.M
Sample Name **dftpp**

#	Name	Ret Time	Target Response	Percent Breakdown
4)	DDT	8.23	3130888.8	3.25%
5)	DDD	7.94	83889.476	Pass
6)	DDE	7.61	21189.12	
		SUM	3235967.396	

Method Path : G:\Methods\
Method File : 8270_040407.M
Title : USEPA Method 8270 Calibration
Last Update : Fri Apr 06 08:18:48 2007
Response Via : Initial Calibration

Calibration Files
20 =ak008770.D 50 =ak008771.D 100 =ak008772.D 200 =ak008773.D 500 =ak008774.D 1000=ak008775.D 1500=ak008776.D
2000=ak008777.D 2500=ak008778.D 5000=ak008779.D

		Compound	20	50	100	200	500	1000	1500	2000	2500	5000	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------			ISTD								
2)	T	N-Nitrosodimet...		0.516	0.582	0.693	0.764	0.794	0.772	0.786	0.765	0.870	0.727	15.39
3)	T	Pyridine		0.941	1.124	1.312	1.413	1.451	1.426	1.470	1.432	1.541	1.346	14.33
4)	S	2 - Fluorophen...			1.148	1.209	1.275	1.295	1.323	1.330	1.281	1.341	1.275	5.19
5)	T	Cyclohexanone			0.851	0.784	0.754	0.750	0.744	0.732	0.713	0.754	0.760	5.52
6)	T	Aniline			1.658	1.722	1.852	1.871	1.890	2.006	1.946	2.046	1.874	7.07
7)	S	Phenol - d5 (S)			1.415	1.461	1.535	1.547	1.592	1.589	1.548	1.594	1.535	4.26
8)	TC	Phenol			1.496	1.581	1.687	1.659	1.663	1.692	1.677	1.985	1.680	8.35
9)	T	bis(2-Chloroet...			1.466	1.531	1.575	1.601	1.618	1.620	1.572	1.666	1.581	3.89
10)	T	2-Chlorophenol			1.305	1.338	1.400	1.427	1.451	1.473	1.444	1.567	1.426	5.70
11)	T	Decane			1.433	1.391	1.392	1.354	1.348	1.339	1.304	1.356	1.365	2.90
12)	T	1,3-Dichlorobe...	1.696	1.677	1.684	1.664	1.750	1.662	1.670	1.692	1.657	1.756	1.691	2.08
13)	TC	1,4-Dichlorobe...	1.708	1.624	1.714	1.767	1.747	1.695	1.716	1.729	1.711	1.808	1.722	2.79
14)	T	Benzyl alcohol			0.874	0.903	0.917	0.947	0.976	0.984	0.971	1.077	0.956	6.51
15)	T	1,2-Dichlorobe...	1.610	1.517	1.608	1.630	1.656	1.602	1.601	1.607	1.579	1.670	1.608	2.61
16)	T	2-Methylphenol			1.137	1.198	1.250	1.265	1.300	1.302	1.277	1.392	1.265	5.98
17)	T	bis(2-chlorois...	1.921	1.620	1.633	1.572	1.621	1.561	1.548	1.548	1.498	1.552	1.607	7.33
18)	T	3-&4-Methylphenol			1.113	1.201	1.274	1.311	1.317	1.349	1.306	1.406	1.284	7.06
19)	TP	n-Nitroso-di-n...			0.802	0.807	0.868	0.886	0.893	0.887	0.871	0.930	0.868	5.01
20)	T	Hexachloroethane			0.523	0.551	0.570	0.559	0.575	0.575	0.558	0.611	0.565	4.42
21)	I	Naphthalene - d8 (I)	----------			ISTD								
22)	S	Nitrobenzene -...			0.294	0.297	0.306	0.311	0.322	0.323	0.322	0.327	0.313	4.08
23)	T	Nitrobenzene			0.344	0.327	0.341	0.342	0.342	0.349	0.346	0.365	0.345	3.07
24)	T	Isophorone			0.521	0.539	0.569	0.568	0.577	0.581	0.582	0.615	0.569	5.01
25)	TC	2-Nitrophenol			0.115	0.127	0.150	0.165	0.175	0.183	0.185	0.208	0.163	19.14
26)	T	2,4-Dimethylph...			0.280	0.304	0.320	0.323	0.333	0.338	0.338	0.356	0.324	7.21
27)	T	bis(2-Chloroet...			0.387	0.395	0.412	0.413	0.418	0.421	0.413	0.428	0.411	3.26
28)	T	Benzoic Acid			0.028	0.051	0.098	0.137	0.148	0.171	0.172	0.223	0.129	51.09
29)	TC	2,4-Dichloroph...			0.229	0.253	0.278	0.282	0.294	0.300	0.302	0.325	0.283	10.63
30)	T	1,2,4-Trichlor...		0.349	0.346	0.345	0.359	0.339	0.340	0.342	0.345	0.361	0.347	2.23
31)	T	Naphthalene	1.163	1.099	1.134	1.141	1.162	1.127	1.127	1.132	1.125	1.161	1.137	1.79
32)	T	4-Chloroaniline			0.332	0.339	0.380	0.385	0.392	0.401	0.391	0.390	0.376	6.89
33)	TC	Hexachlorobuta...		0.194	0.201	0.203	0.206	0.200	0.201	0.201	0.200	0.210	0.202	2.10
34)	TC	4-Chloro-3-met...			0.207	0.223	0.251	0.258	0.267	0.275	0.274	0.299	0.257	11.56
35)	T	2-Methylnaphth...	0.572	0.536	0.542	0.557	0.583	0.570	0.575	0.584	0.582	0.612	0.571	3.88
36)	T	1-Methylnaphth...	0.637	0.465	0.596	0.615	0.636	0.615	0.626	0.626	0.630	0.656	0.610	8.74

Method Path : G:\Methods\
Method File : 8270_040407.M
Title : USEPA Method 8270 Calibration

37)	I	Acenaphthene - d10...	----------ISTD----------										
38)	TP	Hexachlorocycl...			0.263	0.295	0.321	0.347	0.345	0.365	0.368	0.433	0.342	15.01
39)	T	2,3-Dichloroan...			0.630	0.653	0.709	0.677	0.678	0.683	0.698	0.726	0.681	4.47
40)	TC	2,4,6-Trichlor...			0.290	0.323	0.370	0.383	0.397	0.403	0.414	0.468	0.381	14.46
41)	T	2,4,5-Trichlor...			0.304	0.334	0.391	0.402	0.407	0.423	0.424	0.449	0.392	12.49
42)	S	2 - Fluorobiph...			1.491	1.516	1.528	1.482	1.503	1.477	1.491	1.481	1.496	1.21
43)	T	2-Chloronaphth...	1.244	1.204	1.253	1.281	1.343	1.276	1.277	1.280	1.304	1.357	1.282	3.52
44)	T	Biphenyl	1.724	1.593	1.572	1.682	1.726	1.676	1.652	1.661	1.677	1.736	1.670	3.25
45)	T	2-Nitroaniline			0.201	0.227	0.279	0.302	0.323	0.358	0.378	0.429	0.312	24.54
46)	T	Dimethylphthalate			1.264	1.305	1.326	1.318	1.317	1.325	1.337	1.433	1.328	3.59
47)	T	Acenaphthylene	1.956	1.827	1.795	1.926	2.058	2.019	2.041	2.059	2.079	2.219	1.998	6.30
48)	T	2,6-Dinitrotol...			0.178	0.213	0.268	0.285	0.298	0.307	0.317	0.348	0.277	20.25
49)	T	3-Nitroaniline			0.156	0.180	0.229	0.234	0.238	0.229	0.216	0.237	0.215	14.15
50)	TC	Acenaphthene	1.301	1.322	1.245	1.308	1.352	1.316	1.305	1.309	1.322	1.391	1.317	2.82
51)	TP	2,4-Dinitrophenol			0.029	0.044	0.074	0.097	0.107	0.135	0.139	0.173	0.100	49.53
52)	TP	4-Nitrophenol			0.055	0.068	0.094	0.092	0.092	0.104	0.106	0.123	0.092	23.61
53)	T	Dibenzofuran			1.628	1.727	1.794	1.745	1.717	1.750	1.757	1.865	1.748	3.86
54)	T	2,4-Dinitrotol...			0.191	0.233	0.307	0.332	0.344	0.370	0.379	0.427	0.323	24.10
55)	T	2,3,4,6-Tetrac...			0.214	0.254	0.287	0.307	0.323	0.342	0.347	0.399	0.309	18.76
56)	T	2,3,5,6-Tetrac...			0.228	0.274	0.320	0.327	0.335	0.347	0.348	0.379	0.320	14.91
57)	T	Diethylphthalate			1.603	1.406	1.342	1.279	1.286	1.281	1.300	1.416	1.364	8.14
58)	T	Fluorene	1.307	1.176	1.186	1.272	1.351	1.319	1.327	1.345	1.357	1.438	1.308	6.07
59)	T	4-Chlorophenyl...			0.577	0.637	0.663	0.653	0.649	0.652	0.656	0.696	0.648	5.15
60)	T	4-Nitroaniline			0.091	0.101	0.127	0.114	0.111	0.112	0.115	0.128	0.112	10.93
61)	I	Phenanthrene - d10...	----------ISTD----------											
62)	T	4,6-Dinitro-2-...			0.038	0.053	0.088	0.110	0.119	0.132	0.131	0.155	0.103	39.45
63)	T	n-Nitrosodiphe...		0.649	0.634	0.651	0.688	0.693	0.701	0.703	0.683	0.706	0.679	3.94
64)	S	2,4,6 - Tribro...			0.104	0.124	0.137	0.146	0.153	0.159	0.153	0.160	0.142	13.79
65)	T	Azobenzene			0.707	0.728	0.753	0.772	0.774	0.768	0.747	0.773	0.753	3.25
66)	T	4-Bromophenylp...			0.226	0.243	0.251	0.252	0.255	0.257	0.249	0.262	0.249	4.37
67)	T	Hexachlorobenzene		0.322	0.361	0.347	0.347	0.338	0.338	0.337	0.330	0.336	0.340	3.31
68)	TC	Pentachlorophenol			0.082	0.095	0.118	0.135	0.147	0.161	0.162	0.183	0.136	25.73
69)	T	Phenanthrene	1.143	1.068	1.081	1.144	1.171	1.150	1.152	1.176	1.148	1.216	1.145	3.78
70)	T	Anthracene	0.940	0.906	0.902	0.958	1.060	1.040	1.058	1.117	1.082	1.157	1.022	8.80
71)	T	Octadecane			0.405	0.401	0.414	0.439	0.448	0.439	0.425	0.443	0.427	4.28
72)	T	Carbazole			0.734	0.760	0.883	0.837	0.839	0.782	0.681	0.685	0.775	9.57
73)	T	Di-n-butylphth...			1.781	1.439	1.304	1.348	1.369	1.371	1.361	1.451	1.428	10.54
74)	TC	Fluoranthene	0.973	0.920	0.905	0.892	1.028	0.989	1.001	1.096	1.088	1.135	1.003	8.40
75)	T	Pyrene	1.031	0.940	0.930	0.945	1.103	1.072	1.074	1.174	1.169	1.206	1.064	9.56
76)	T	Benzidine			0.090	0.054	0.069	0.036	0.026	0.019	0.018	0.016	0.041	67.24
77)	S	p - Terphenyl ...	0.657	0.533	0.587	0.570	0.673	0.633	0.638	0.718	0.702	0.684	0.639	9.39
78)	I	Chrysene - d12 (I)	----------ISTD----------											
79)	T	Butylbenzylpht...			0.457	0.466	0.449	0.586	0.634	0.579	0.569	0.725	0.558	17.33
80)	T	Benzo(a)anthra...	1.197	1.049	1.027	1.006	1.085	1.084	1.114	1.135	1.134	1.232	1.106	6.49
81)	T	3,3'-Dichlorob...			0.466	0.438	0.544	0.532	0.536	0.537	0.550	0.590	0.524	9.30
82)	T	Chrysene	1.093	1.057	1.040	1.067	1.147	1.134	1.144	1.145	1.127	1.186	1.114	4.24

Method Path : G:\Methods\
Method File : 8270_040407.M
Title : USEPA Method 8270 Calibration

83)	T	bis(2-Ethylhex...			0.614	0.630	0.598	0.813	0.908	0.827	0.808	1.019	0.777	19.50
84)	I	Perylene - d12 (I)	----------ISTD----------											
85)	TC	Di-n-octylphth...			0.732	0.824	0.859	1.285	1.452	1.423			1.096	29.77
86)	T	Benzo(b)fluora...	1.201	1.130	1.088	1.147	1.181	1.366	1.435	1.450	1.429	1.621	1.305	13.65
87)	T	Benzo(k)fluora...	1.279	1.181	1.125	1.142	1.370	1.405	1.417	1.473	1.474	1.654	1.352	12.53
88)	T	Benzofluoranth...	1.240	1.156	1.106	1.196	1.339	1.437	1.472	1.500	1.480	1.658	1.358	13.20
89)	TC	Benzo(a)pyrene	0.915	0.801	0.851	0.868	1.024	1.048	1.103	1.185	1.210	1.355	1.036	17.37
90)	T	Indeno(1,2,3-c...	0.670	0.546	0.589	0.472	0.603	0.571	0.673	0.795	0.871	0.963	0.675	22.98
91)	T	Dibenz(a,h)ant...	0.451	0.489	0.608	0.556	0.756	0.686	0.835	0.953	1.038	1.110	0.748	30.88
92)	T	Benzo(g,h,i)pe...	0.755	0.830	0.862	0.845	0.992	0.927	1.057	1.111	1.175	1.240	0.979	16.59

(#) = Out of Range

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008770.D Vial: 2
Sample : 20 ug/l 8270 ical std no 1281-42-1
Misc :
Acq On : 4 Apr 2007 15:50 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:16:29 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	180851	1000.00	ug/L		0.00
21) Naphthalene - d8 (I)	7.077	136	689909	1000.00	ug/L		0.00
37) Acenaphthene - d10 (I)	8.559	162	353855	1000.00	ug/L		0.00
61) Phenanthrene - d10 (I)	9.944	188	526362	1000.00	ug/L		0.00
78) Chrysene - d12 (I)	12.891	240	344462	1000.00	ug/l		0.00
84) Perylene - d12 (I)	14.774	264	258745	1000.00	ug/L		0.00
System Monitoring Compounds							
4) 2 - Fluorophenol (S)	4.697	112	4230	50.86	ug/L		0.00
7) Phenol - d5 (S)	5.633	99	4804	17.98	ug/L		-0.01
22) Nitrobenzene - d5 (S)	6.462	82	4446	21.29	ug/L		0.01
42) 2 - Fluorobiphenyl (S)	7.992	172	10098	19.99	ug/L		0.00
64) 2,4,6 - Tribromophenol...	9.265	330	1003	80.60	ug/L		0.00
77) p - Terphenyl - d14 (S)	11.682	244	6912	17.01	ug/L		-0.01
Target Compounds							Qvalue
2) N-Nitrosodimethylamine	3.157	74	7786	102.17	ug/L		79
3) Pyridine	3.173	79	12072	141.91	ug/L		92
5) Cyclohexanone	5.029	55	2459	4.47	ug/l	#	78
6) Aniline	5.687	93	6331	31.66	ug/L		84
8) Phenol	5.649	94	6177	28.94	ug/L		93
9) bis(2-Chloroethyl)ether	6.879	93	5190	19.36	ug/L		92
10) 2-Chlorophenol	5.772	128	4774	33.90	ug/L		85
11) Decane	5.831	57	5676	25.06	ug/L		98
12) 1,3-Dichlorobenzene	5.911	146	6134	20.95	ug/L		89
13) 1,4-Dichlorobenzene	5.981	146	6177	20.08	ug/L		92
14) Benzyl alcohol	6.109	79	4586	44.35	ug/L		90
15) 1,2-Dichlorobenzene	6.114	146	5825	20.42	ug/L		90
16) 2-Methylphenol	6.195	108	4107	18.82	ug/L		78
17) bis(2-chloroisopropyl)...	6.221	45	6949	25.07	ug/L		90
18) 3-&4-Methylphenol	6.328	108	4734	39.58	ug/L		91
19) n-Nitroso-di-n-propyla...	6.339	70	3099	20.99	ug/L		82
20) Hexachloroethane	6.414	201	1727	17.03	ug/L		95
23) Nitrobenzene	6.478	77	5742	25.00	ug/L		90
24) Isophorone	6.692	82	8299	42.41	ug/L		93
25) 2-Nitrophenol	6.751	139	1572	51.56	ug/L		75
26) 2,4-Dimethylphenol	6.788	107	4369	45.87	ug/L		100
27) bis(2-Chloroethoxy)met...	6.879	93	5190	19.69	ug/L		95
28) Benzoic Acid	7.083	105	657	474.84	ug/L	#	28
29) 2,4-Dichlorophenol	6.954	162	3353	33.31	ug/L		95
30) 1,2,4-Trichlorobenzene	7.029	180	4728	20.20	ug/L		98
31) Naphthalene	7.093	128	16043	20.91	ug/L		92
32) 4-Chloroaniline	7.147	127	4764	17.13	ug/l		98
33) Hexachlorobutadiene	7.200	225	2883	20.56	ug/L		73
34) 4-Chloro-3-methylphenol	7.543	107	3169	17.61	ug/L		97
35) 2-Methylnaphthalene	7.682	141	7890	20.11	ug/L		92
36) 1-Methylnaphthalene	7.762	141	8794	20.80	ug/l		83
38) Hexachlorocyclopentadiene	7.810	237	1998	52.60	ug/L		93
39) 2,3-Dichloroaniline	7.917	161	4418	19.22	ug/L		96
40) 2,4,6-Trichlorophenol	7.912	196	2255	38.30	ug/L	#	11
41) 2,4,5-Trichlorophenol	7.938	196	2345	42.13	ug/L		64
43) 2-Chloronaphthalene	8.088	162	8803	19.53	ug/L		91
44) Biphenyl	8.072	154	12198	21.42	ug/L		97

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008770.D Vial: 2
Sample : 20 ug/l 8270 ical std no 1281-42-1
Misc :
Acq On : 4 Apr 2007 15:50 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:16:29 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2-Nitroaniline	8.174	138	1528	13.86 ug/L	72
46) Dimethylphthalate	8.329	163	9089	19.84 ug/L	94
47) Acenaphthylene	8.441	152	13843	21.36 ug/L	95
48) 2,6-Dinitrotoluene	8.377	165	1241	61.38 ug/L	75
49) 3-Nitroaniline	8.521	138	945	10.35 ug/L	86
50) Acenaphthene	8.586	153	9209	20.38 ug/L	83
51) 2,4-Dinitrophenol	8.612	184	753	317.74 ug/L #	33
52) 4-Nitrophenol	8.650	109	1925	Below Cal #	77
53) Dibenzofuran	8.741	168	12008	18.89 ug/L	96
54) 2,4-Dinitrotoluene	8.719	165	1174	42.46 ug/L	88
55) 2,3,4,6-Tetrachlorophenol	8.805	232	1460	58.66 ug/L	57
56) 2,3,5,6-Tetrachlorophenol	8.842	232	1299	22.53 ug/l	68
57) Diethylphthalate	8.944	149	22730	69.51 ug/L	96
58) Fluorene	9.046	166	9250	19.42 ug/L	91
59) 4-Chlorophenylphenylether	9.046	204	4070	17.31 ug/L	79
60) 4-Nitroaniline	9.056	108	604	Below Cal #	59
62) 4,6-Dinitro-2-methylph...	9.085	198	1513	262.85 ug/L	87
63) n-Nitrosodiphenylamine	9.153	169	6403	28.29 ug/l	95
65) Azobenzene	9.190	77	7515	22.36 ug/L	89
66) 4-Bromophenylphenylether	9.506	248	2226	18.85 ug/L	83
67) Hexachlorobenzene	9.554	284	3418	21.78 ug/L #	1
68) Pentachlorophenol	9.746	266	2256	38.43 ug/L	84
69) Phenanthrene	9.966	178	12032	20.33 ug/L	89
70) Anthracene	10.019	178	9893	18.61 ug/L	93
71) Octadecane	9.842	57	4768	26.28 ug/L	72
72) Carbazole	10.185	167	8222	19.29 ug/L	92
73) Di-n-butylphthalate	10.565	149	45390	80.00 ug/L	98
74) Fluoranthene	11.233	202	10245	19.18 ug/L	91
75) Pyrene	11.490	202	10856	18.59 ug/L	99
76) Benzidine	11.479	184	217	190.79 ug/L #	100
79) Butylbenzylphthalate	12.271	149	5436	109.52 ug/L	81
80) Benzo(a)anthracene	12.881	228	8248	22.63 ug/L	98
81) 3,3'-Dichlorobenzidine	12.864	252	2798	Below Cal	93
82) Chrysene	12.918	228	7531	20.30 ug/L #	1
83) bis(2-Ethylhexyl)phtha...	12.971	149	7130	111.45 ug/L	95
85) Di-n-octylphthalate	13.763	149	8119	106.62 ug/L	89
86) Benzo(b)fluoranthene	14.207	252	6215	21.81 ug/l	82
87) Benzo(k)fluoranthene	14.250	252	6621	21.47 ug/l	91
88) Benzofluoranthenes	14.232	252	12836	30.44 ug/L	66
89) Benzo(a)pyrene	14.694	252	4733	20.11 ug/L	62
90) Indeno(1,2,3-cd)pyrene	16.386	276	3467	19.26 ug/L	87
91) Dibenz(a,h)anthracene	16.422	278	2333	11.20 ug/L	59
92) Benzo(g,h,i)perylene	16.768	276	3905	16.13 ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008771.D Vial: 3
Sample : 50 ug/l 8270 ical std no 1281-42-2
Misc :
Acq On : 4 Apr 2007 16:17 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:17:14 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	181149	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	695509	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	345427	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	481550	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	261952	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	192570	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	9748	73.32	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	12353	46.15	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.462	82	9368	44.50	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.987	172	24955	50.60	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	2261	98.81	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	12832	37.22	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.098	74	23347	208.74	ug/L	93
3) Pyridine	3.109	79	42611	261.51	ug/L	96
5) Cyclohexanone	5.007	55	6599	33.97	ug/l	97
6) Aniline	5.687	93	13871	53.55	ug/L	96
8) Phenol	5.644	94	14536	56.53	ug/L	97
9) bis(2-Chloroethyl)ether	6.879	93	13265	49.40	ug/L	96
10) 2-Chlorophenol	5.772	128	11386	59.74	ug/L	80
11) Decane	5.826	57	13828	60.96	ug/L	97
12) 1,3-Dichlorobenzene	5.911	146	15192	51.51	ug/L	94
13) 1,4-Dichlorobenzene	5.981	146	14713	47.80	ug/L	95
14) Benzyl alcohol	6.109	79	9015	70.31	ug/L	94
15) 1,2-Dichlorobenzene	6.115	146	13737	48.46	ug/L	99
16) 2-Methylphenol	6.195	108	10211	46.72	ug/L	95
17) bis(2-chloroisopropyl)...	6.222	45	14676	52.11	ug/L	94
18) 3-&4-Methylphenol	6.329	108	10006	61.29	ug/L	97
19) n-Nitroso-di-n-propyla...	6.339	70	7633	51.63	ug/L	88
20) Hexachloroethane	6.414	201	4547	44.76	ug/L	94
23) Nitrobenzene	6.478	77	10788	46.59	ug/L	97
24) Isophorone	6.692	82	18652	69.02	ug/L	97
25) 2-Nitrophenol	6.751	139	4163	73.63	ug/L	93
26) 2,4-Dimethylphenol	6.789	107	9468	67.64	ug/L	95
27) bis(2-Chloroethoxy)met...	6.879	93	13265	49.92	ug/L	95
28) Benzoic Acid	6.831	105	384	471.78	ug/L #	45
29) 2,4-Dichlorophenol	6.954	162	7722	55.00	ug/L	97
30) 1,2,4-Trichlorobenzene	7.024	180	12146	51.47	ug/L	93
31) Naphthalene	7.093	128	38207	49.23	ug/L	97
32) 4-Chloroaniline	7.142	127	11183	39.89	ug/l	97
33) Hexachlorobutadiene	7.200	225	6753	47.78	ug/L	99
34) 4-Chloro-3-methylphenol	7.543	107	7079	39.03	ug/L	96
35) 2-Methylnaphthalene	7.676	141	18633	47.22	ug/L	91
36) 1-Methylnaphthalene	7.676	141	16186	37.72	ug/l	80
38) Hexachlorocyclopentadiene	7.810	237	4580	76.04	ug/L	98
39) 2,3-Dichloroaniline	7.917	161	10633	47.39	ug/L	95
40) 2,4,6-Trichlorophenol	7.912	196	5558	63.63	ug/L	51
41) 2,4,5-Trichlorophenol	7.938	196	4250	56.57	ug/L	92
43) 2-Chloronaphthalene	8.088	162	20788	47.52	ug/L	95
44) Biphenyl	8.072	154	27517	49.19	ug/L	97

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008771.D Vial: 3
Sample : 50 ug/l 8270 ical std no 1281-42-2
Misc :
Acq On : 4 Apr 2007 16:17 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:17:14 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 2-Nitroaniline	8.168	138	3526	32.76 ug/L		93
46) Dimethylphthalate	8.329	163	21363	47.78 ug/L		96
47) Acenaphthylene	8.436	152	31549	49.12 ug/L		98
48) 2,6-Dinitrotoluene	8.377	165	2924	76.58 ug/L		92
49) 3-Nitroaniline	8.516	138	2156	24.19 ug/L		91
50) Acenaphthene	8.586	153	22841	51.87 ug/L		79
51) 2,4-Dinitrophenol	8.612	184	1454	338.26 ug/L	#	49
52) 4-Nitrophenol	8.645	109	4421	25.36 ug/L		89
53) Dibenzofuran	8.735	168	27896	44.96 ug/L		95
54) 2,4-Dinitrotoluene	8.719	165	2930	57.40 ug/L		94
55) 2,3,4,6-Tetrachlorophenol	8.805	232	3269	74.04 ug/L		99
56) 2,3,5,6-Tetrachlorophenol	8.842	232	3293	41.52 ug/l		79
57) Diethylphthalate	8.939	149	36743	102.43 ug/L		98
58) Fluorene	9.046	166	20313	43.72 ug/L		96
59) 4-Chlorophenylphenylether	9.046	204	10813	47.10 ug/L		95
60) 4-Nitroaniline	9.051	108	1482	12.31 ug/L	#	80
62) 4,6-Dinitro-2-methylph...	9.082	198	3540	309.04 ug/L		97
63) n-Nitrosodiphenylamine	9.153	169	15635	59.80 ug/l		97
65) Azobenzene	9.190	77	16704	54.33 ug/L		87
66) 4-Bromophenylphenylether	9.506	248	5773	53.44 ug/L		93
67) Hexachlorobenzene	9.554	284	7747	53.96 ug/L	#	1
68) Pentachlorophenol	9.746	266	2040	37.99 ug/L		92
69) Phenanthrene	9.966	178	25707	47.76 ug/L		88
70) Anthracene	10.019	178	21814	44.65 ug/L		98
71) Octadecane	9.837	57	11439	68.91 ug/L		76
72) Carbazole	10.180	167	16482	42.26 ug/L		91
73) Di-n-butylphthalate	10.565	149	60263	116.09 ug/L		99
74) Fluoranthene	11.233	202	22144	45.10 ug/L		98
75) Pyrene	11.485	202	22633	42.39 ug/L		96
76) Benzidine	11.394	184	14495	611.45 ug/L	#	100
79) Butylbenzylphthalate	12.271	149	7933	139.39 ug/L		81
80) Benzo(a)anthracene	12.875	228	13740	48.78 ug/L		85
81) 3,3'-Dichlorobenzidine	12.865	252	5274	Below Cal		99
82) Chrysene	12.918	228	13850	49.26 ug/L	#	1
83) bis(2-Ethylhexyl)phtha...	12.972	149	10825	142.08 ug/L		96
85) Di-n-octylphthalate	13.758	149	10822	135.06 ug/L		96
86) Benzo(b)fluoranthene	14.207	252	10882	49.50 ug/l		95
87) Benzo(k)fluoranthene	14.245	252	11371	47.86 ug/l		96
88) Benzofluoranthenes	14.230	252	22253	52.21 ug/L		60
89) Benzo(a)pyrene	14.683	252	7716	42.71 ug/L		82
90) Indeno(1,2,3-cd)pyrene	16.383	276	5260	38.45 ug/L		92
91) Dibenz(a,h)anthracene	16.422	278	4713	30.74 ug/L		89
92) Benzo(g,h,i)perylene	16.767	276	7989	44.46 ug/L		76

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008772.D Vial: 4
Sample : 100 ug/l 8270 ical std no 1281-42-3
Misc :
Acq On : 4 Apr 2007 16:44 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:18:05 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	173945	1000.00	ug/L		0.00
21) Naphthalene - d8 (I)	7.077	136	658100	1000.00	ug/L		0.00
37) Acenaphthene - d10 (I)	8.559	162	327365	1000.00	ug/L		0.00
61) Phenanthrene - d10 (I)	9.944	188	458036	1000.00	ug/L		0.00
78) Chrysene - d12 (I)	12.886	240	274408	1000.00	ug/l		0.00
84) Perylene - d12 (I)	14.774	264	200078	1000.00	ug/L		0.00
System Monitoring Compounds							
4) 2 - Fluorophenol (S)	4.692	112	19967	118.44	ug/L		0.00
7) Phenol - d5 (S)	5.633	99	24607	95.74	ug/L		-0.01
22) Nitrobenzene - d5 (S)	6.462	82	19340	97.09	ug/L		0.01
42) 2 - Fluorobiphenyl (S)	7.986	172	48803	104.41	ug/L		0.00
64) 2,4,6 - Tribromophenol...	9.265	330	4743	135.81	ug/L		0.00
77) p - Terphenyl - d14 (S)	11.682	244	26892	82.56	ug/L		-0.01
Target Compounds							Qvalue
2) N-Nitrosodimethylamine	3.082	74	50630	440.16	ug/L		96
3) Pyridine	3.071	79	97756	497.70	ug/L		91
5) Cyclohexanone	5.002	55	14805	96.66	ug/l	#	88
6) Aniline	5.687	93	28839	100.50	ug/L		99
8) Phenol	5.649	94	26027	98.07	ug/L		95
9) bis(2-Chloroethyl)ether	6.879	93	25496	98.88	ug/L		97
10) 2-Chlorophenol	5.772	128	22692	107.60	ug/L		83
11) Decane	5.826	57	24932	114.46	ug/L		99
12) 1,3-Dichlorobenzene	5.911	146	29286	103.11	ug/L		95
13) 1,4-Dichlorobenzene	5.981	146	29815	101.63	ug/L		97
14) Benzyl alcohol	6.104	79	15206	110.24	ug/L		95
15) 1,2-Dichlorobenzene	6.114	146	27965	103.15	ug/L		99
16) 2-Methylphenol	6.195	108	19774	94.23	ug/L		89
17) bis(2-chloroisopropyl)...	6.221	45	28409	104.31	ug/L		97
18) 3-&4-Methylphenol	6.328	108	19358	103.18	ug/L		93
19) n-Nitroso-di-n-propyla...	6.339	70	13948	98.25	ug/L		96
20) Hexachloroethane	6.414	201	9100	93.29	ug/L		87
23) Nitrobenzene	6.478	77	22645	103.35	ug/L		95
24) Isophorone	6.692	82	34310	114.58	ug/L		95
25) 2-Nitrophenol	6.751	139	7536	106.02	ug/L		88
26) 2,4-Dimethylphenol	6.788	107	18450	110.82	ug/L		99
27) bis(2-Chloroethoxy)met...	6.879	93	25496	101.39	ug/L		98
28) Benzoic Acid	6.815	105	9148	573.30	ug/L		94
29) 2,4-Dichlorophenol	6.949	162	15095	96.04	ug/L		98
30) 1,2,4-Trichlorobenzene	7.024	180	22787	101.22	ug/L		98
31) Naphthalene	7.093	128	74610	102.23	ug/L		98
32) 4-Chloroaniline	7.141	127	21854	82.38	ug/l		96
33) Hexachlorobutadiene	7.200	225	13243	99.79	ug/L		97
34) 4-Chloro-3-methylphenol	7.543	107	13616	79.34	ug/L		94
35) 2-Methylnaphthalene	7.676	141	35697	95.33	ug/L		86
36) 1-Methylnaphthalene	7.762	141	39217	99.19	ug/l		81
38) Hexachlorocyclopentadiene	7.810	237	8623	116.32	ug/L		94
39) 2,3-Dichloroaniline	7.917	161	20614	96.94	ug/L		98
40) 2,4,6-Trichlorophenol	7.912	196	9483	97.15	ug/L		54
41) 2,4,5-Trichlorophenol	7.938	196	9937	102.40	ug/L		100
43) 2-Chloronaphthalene	8.088	162	41031	99.81	ug/L		96
44) Biphenyl	8.072	154	51471	96.81	ug/L		96

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008772.D Vial: 4
Sample : 100 ug/l 8270 ical std no 1281-42-3
Misc :
Acq On : 4 Apr 2007 16:44 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:18:05 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.168	138	6578	64.48	ug/L		89
46) Dimethylphthalate	8.323	163	41372	97.63	ug/L		99
47) Acenaphthylene	8.436	152	58778	95.39	ug/L		99
48) 2,6-Dinitrotoluene	8.377	165	5835	105.28	ug/L		95
49) 3-Nitroaniline	8.516	138	5098	60.36	ug/L		86
50) Acenaphthene	8.585	153	40760	96.97	ug/L		97
51) 2,4-Dinitrophenol	8.607	184	4705	437.62	ug/L	#	57
52) 4-Nitrophenol	8.650	109	8982	191.10	ug/L		98
53) Dibenzofuran	8.735	168	53284	90.61	ug/L		96
54) 2,4-Dinitrotoluene	8.719	165	6262	88.07	ug/L		94
55) 2,3,4,6-Tetrachlorophenol	8.805	232	6996	108.34	ug/L		93
56) 2,3,5,6-Tetrachlorophenol	8.842	232	7454	84.22	ug/l		70
57) Diethylphthalate	8.938	149	52485	144.58	ug/L		97
58) Fluorene	9.045	166	38821	88.78	ug/L		98
59) 4-Chlorophenylphenylether	9.045	204	18892	86.83	ug/L		91
60) 4-Nitroaniline	9.051	108	2980	49.46	ug/L	#	82
62) 4,6-Dinitro-2-methylph...	9.081	198	8621	426.49	ug/L		94
63) n-Nitrosodiphenylamine	9.152	169	29054	102.48	ug/l		99
65) Azobenzene	9.190	77	32389	110.75	ug/L		86
66) 4-Bromophenylphenylether	9.505	248	10361	100.84	ug/L		97
67) Hexachlorobenzene	9.554	284	16541	120.12	ug/L	#	1
68) Pentachlorophenol	9.746	266	3778	73.97	ug/L		93
69) Phenanthrene	9.965	178	49523	97.04	ug/L		91
70) Anthracene	10.019	178	41303	88.70	ug/L		96
71) Octadecane	9.842	57	18543	117.45	ug/L		80
72) Carbazole	10.179	167	33627	90.64	ug/L		86
73) Di-n-butylphthalate	10.565	149	81597	165.26	ug/L		98
74) Fluoranthene	11.233	202	41436	87.89	ug/L		98
75) Pyrene	11.484	202	42605	83.29	ug/L		96
76) Benzidine	11.394	184	20605	822.36	ug/L	#	100
79) Butylbenzylphthalate	12.271	149	12531	171.07	ug/L		99
80) Benzo(a)anthracene	12.875	228	28178	94.69	ug/L		77
81) 3,3'-Dichlorobenzidine	12.864	252	12784	Below Cal			96
82) Chrysene	12.918	228	28529	96.79	ug/L	#	1
83) bis(2-Ethylhexyl)phtha...	12.971	149	16856	171.94	ug/L		96
85) Di-n-octylphthalate	13.758	149	14648	154.55	ug/L		95
86) Benzo(b)fluoranthene	14.207	252	21768	92.64	ug/l		85
87) Benzo(k)fluoranthene	14.244	252	22503	89.48	ug/l		99
88) Benzofluoranthenes	14.231	252	44271	90.05	ug/L		66
89) Benzo(a)pyrene	14.683	252	17023	89.12	ug/L		84
90) Indeno(1,2,3-cd)pyrene	16.381	276	11787	82.15	ug/L		85
91) Dibenz(a,h)anthracene	16.428	278	12158	76.24	ug/L		96
92) Benzo(g,h,i)perylene	16.770	276	17237	90.80	ug/L		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008773.D Vial: 5
Sample : 200 ug/l 8270 ical std no 1281-42-4
Misc :
Acq On : 4 Apr 2007 17:11 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:30:04 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	177807	1000.00	ug/L		0.00
21) Naphthalene - d8 (I)	7.077	136	688968	1000.00	ug/L		0.00
37) Acenaphthene - d10 (I)	8.559	162	341487	1000.00	ug/L		0.00
61) Phenanthrene - d10 (I)	9.944	188	495306	1000.00	ug/L		0.00
78) Chrysene - d12 (I)	12.886	240	272629	1000.00	ug/l		0.00
84) Perylene - d12 (I)	14.774	264	174455	1000.00	ug/L		0.00
System Monitoring Compounds							
4) 2 - Fluorophenol (S)	4.692	112	43009	192.60	ug/L		0.00
7) Phenol - d5 (S)	5.633	99	51951	190.33	ug/L		-0.01
22) Nitrobenzene - d5 (S)	6.457	82	40883	189.76	ug/L		0.00
42) 2 - Fluorobiphenyl (S)	7.986	172	103517	202.61	ug/L		0.00
64) 2,4,6 - Tribromophenol...	9.265	330	12279	204.81	ug/L		0.00
77) p - Terphenyl - d14 (S)	11.682	244	56448	178.25	ug/L		-0.01
Target Compounds							Qvalue
2) N-Nitrosodimethylamine	3.028	74	123147	1003.86	ug/L		99
3) Pyridine	3.023	79	233286	1007.65	ug/L		98
5) Cyclohexanone	4.991	55	27881	198.62	ug/l		98
6) Aniline	5.681	93	61237	196.36	ug/L		99
8) Phenol	5.644	94	56230	200.72	ug/L		98
9) bis(2-Chloroethyl)ether	6.874	93	54427	193.62	ug/L		98
10) 2-Chlorophenol	5.767	128	47596	197.70	ug/L		85
11) Decane	5.826	57	49477	203.91	ug/L		95
12) 1,3-Dichlorobenzene	5.911	146	59176	196.85	ug/L		98
13) 1,4-Dichlorobenzene	5.981	146	62846	205.26	ug/L		98
14) Benzyl alcohol	6.104	79	32105	200.30	ug/L		95
15) 1,2-Dichlorobenzene	6.114	146	57961	202.73	ug/L		97
16) 2-Methylphenol	6.189	108	42585	189.32	ug/L		97
17) bis(2-chloroisopropyl)...	6.221	45	55912	195.62	ug/L		95
18) 3-&4-Methylphenol	6.328	108	42699	198.69	ug/L		95
19) n-Nitroso-di-n-propyla...	6.339	70	28702	185.99	ug/L		98
20) Hexachloroethane	6.414	201	19592	194.94	ug/L		87
23) Nitrobenzene	6.478	77	45028	189.63	ug/L		95
24) Isophorone	6.687	82	74246	200.14	ug/L		97
25) 2-Nitrophenol	6.751	139	17544	191.19	ug/L		88
26) 2,4-Dimethylphenol	6.788	107	41840	200.11	ug/L		97
27) bis(2-Chloroethoxy)met...	6.874	93	54427	192.26	ug/L		97
28) Benzoic Acid	6.820	105	35158	874.55	ug/L		84
29) 2,4-Dichlorophenol	6.949	162	34808	197.58	ug/L		95
30) 1,2,4-Trichlorobenzene	7.024	180	47580	198.74	ug/L		99
31) Naphthalene	7.093	128	157268	200.76	ug/L		99
32) 4-Chloroaniline	7.141	127	46730	180.22	ug/l		97
33) Hexachlorobutadiene	7.200	225	28011	201.51	ug/L		95
34) 4-Chloro-3-methylphenol	7.543	107	30719	173.81	ug/L		95
35) 2-Methylnaphthalene	7.676	141	76688	194.84	ug/L		100
36) 1-Methylnaphthalene	7.762	141	84810	201.69	ug/l		100
38) Hexachlorocyclopentadiene	7.810	237	20121	198.87	ug/L		99
39) 2,3-Dichloroaniline	7.912	161	44583	191.58	ug/L		99
40) 2,4,6-Trichlorophenol	7.912	196	22079	195.39	ug/L	#	49
41) 2,4,5-Trichlorophenol	7.938	196	22828	192.54	ug/L		96
43) 2-Chloronaphthalene	8.088	162	87487	199.84	ug/L		95
44) Biphenyl	8.072	154	114880	201.45	ug/L		98

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008773.D Vial: 5
Sample : 200 ug/l 8270 ical std no 1281-42-4
Misc :
Acq On : 4 Apr 2007 17:11 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:30:04 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.174	138	15520	145.59	ug/L		95
46) Dimethylphthalate	8.323	163	89115	196.50	ug/L		99
47) Acenaphthylene	8.436	152	131518	192.76	ug/L		100
48) 2,6-Dinitrotoluene	8.377	165	14548	195.75	ug/L		95
49) 3-Nitroaniline	8.516	138	12295	167.73	ug/L		94
50) Acenaphthene	8.585	153	89332	198.60	ug/L		97
51) 2,4-Dinitrophenol	8.607	184	14922	902.96	ug/L	#	55
52) 4-Nitrophenol	8.644	109	23257	944.39	ug/L		91
53) Dibenzofuran	8.735	168	117946	197.62	ug/L		96
54) 2,4-Dinitrotoluene	8.719	165	15928	188.28	ug/L		89
55) 2,3,4,6-Tetrachlorophenol	8.799	232	17320	204.69	ug/L		92
56) 2,3,5,6-Tetrachlorophenol	8.842	232	18719	196.91	ug/l		84
57) Diethylphthalate	8.938	149	95992	202.20	ug/L		92
58) Fluorene	9.045	166	86900	194.57	ug/L		95
59) 4-Chlorophenylphenylether	9.045	204	43506	196.64	ug/L		97
60) 4-Nitroaniline	9.051	108	6887	192.01	ug/L		83
62) 4,6-Dinitro-2-methylph...	9.082	198	26154	883.86	ug/L		95
63) n-Nitrosodiphenylamine	9.152	169	64499	192.93	ug/l		98
65) Azobenzene	9.190	77	72104	193.38	ug/L		88
66) 4-Bromophenylphenylether	9.505	248	24062	194.81	ug/L		95
67) Hexachlorobenzene	9.554	284	34382	204.44	ug/L	#	1
68) Pentachlorophenol	9.746	266	9378	139.72	ug/L		88
69) Phenanthrene	9.965	178	113353	199.88	ug/L		89
70) Anthracene	10.019	178	94904	187.48	ug/L		99
71) Octadecane	9.837	57	39747	188.07	ug/L		88
72) Carbazole	10.179	167	75259	196.03	ug/L		88
73) Di-n-butylphthalate	10.564	149	142510	201.48	ug/L		100
74) Fluoranthene	11.233	202	88398	177.99	ug/L		99
75) Pyrene	11.484	202	93642	177.63	ug/L		98
76) Benzidine	11.394	184	26903	407.56	ug/L	#	98
79) Butylbenzylphthalate	12.271	149	25435	203.44	ug/L		98
80) Benzo(a)anthracene	12.875	228	54845	181.83	ug/L		74
81) 3,3'-Dichlorobenzidine	12.864	252	23881	148.77	ug/L		100
82) Chrysene	12.918	228	58200	191.62	ug/L	#	1
83) bis(2-Ethylhexyl)phtha...	12.971	149	34327	202.43	ug/L		98
85) Di-n-octylphthalate	13.758	149	28740	192.70	ug/L		99
86) Benzo(b)fluoranthene	14.207	252	40017	175.80	ug/l		99
87) Benzo(k)fluoranthene	14.244	252	39846	168.94	ug/l		97
88) Benzofluoranthenes	14.232	252	83447	336.12	ug/L		84
89) Benzo(a)pyrene	14.688	252	30297	167.63	ug/L		92
90) Indeno(1,2,3-cd)pyrene	16.377	276	16482	139.89	ug/L		82
91) Dibenz(a,h)anthracene	16.431	278	19386	148.53	ug/L		87
92) Benzo(g,h,i)perylene	16.773	276	29500	172.64	ug/L		87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008774.D Vial: 6
Sample : 500 ug/l 8270 ical std no 1281-42-5
Misc :
Acq On : 4 Apr 2007 17:38 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:20:01 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	174307	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	665911	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	328708	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.939	188	497314	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	345407	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	227060	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.697	112	111108	508.89	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	133812	517.62	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.462	82	101964	499.03	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.987	172	251160	526.95	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	34046	513.76	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	167407	493.40	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.018	74	332837	2446.91	ug/L	98
3) Pyridine	3.007	79	615818	2578.56	ug/L	99
5) Cyclohexanone	4.986	55	65672	469.65	ug/l	98
6) Aniline	5.681	93	161405	499.51	ug/L	97
8) Phenol	5.644	94	147063	514.65	ug/L	89
9) bis(2-Chloroethyl)ether	6.880	93	137289	521.52	ug/L	97
10) 2-Chlorophenol	5.772	128	122037	506.08	ug/L	85
11) Decane	5.826	57	121302	534.97	ug/L	97
12) 1,3-Dichlorobenzene	5.911	146	152538	532.21	ug/L	95
13) 1,4-Dichlorobenzene	5.981	146	152258	516.19	ug/L	98
14) Benzyl alcohol	6.104	79	79886	491.57	ug/L	96
15) 1,2-Dichlorobenzene	6.115	146	144304	526.25	ug/L	97
16) 2-Methylphenol	6.195	108	108976	510.78	ug/L	98
17) bis(2-chloroisopropyl)...	6.222	45	141301	511.17	ug/L	97
18) 3-&4-Methylphenol	6.329	108	111038	496.33	ug/L	99
19) n-Nitroso-di-n-propyla...	6.339	70	75631	517.74	ug/L	96
20) Hexachloroethane	6.414	201	49684	515.10	ug/L	90
23) Nitrobenzene	6.478	77	113703	501.30	ug/L	97
24) Isophorone	6.692	82	189603	522.76	ug/L	96
25) 2-Nitrophenol	6.751	139	49923	473.02	ug/L	91
26) 2,4-Dimethylphenol	6.789	107	106641	503.75	ug/L	92
27) bis(2-Chloroethoxy)met...	6.880	93	137289	528.61	ug/L	95
28) Benzoic Acid	6.837	105	162951	2270.66	ug/L	80
29) 2,4-Dichlorophenol	6.949	162	92499	495.67	ug/L	99
30) 1,2,4-Trichlorobenzene	7.024	180	119428	525.26	ug/L	97
31) Naphthalene	7.093	128	386895	521.55	ug/L	99
32) 4-Chloroaniline	7.142	127	126683	486.41	ug/l	100
33) Hexachlorobutadiene	7.200	225	68448	509.54	ug/L	98
34) 4-Chloro-3-methylphenol	7.543	107	83432	490.60	ug/L	95
35) 2-Methylnaphthalene	7.676	141	194173	514.59	ug/L	97
36) 1-Methylnaphthalene	7.762	141	211677	529.31	ug/l	97
38) Hexachlorocyclopentadiene	7.810	237	52749	526.11	ug/L	96
39) 2,3-Dichloroaniline	7.917	161	116449	538.73	ug/L	98
40) 2,4,6-Trichlorophenol	7.912	196	60750	500.71	ug/L	59
41) 2,4,5-Trichlorophenol	7.939	196	64213	517.74	ug/L	97
43) 2-Chloronaphthalene	8.088	162	220709	534.91	ug/L	97
44) Biphenyl	8.072	154	283705	529.48	ug/L	98

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008774.D Vial: 6
Sample : 500 ug/l 8270 ical std no 1281-42-5
Misc :
Acq On : 4 Apr 2007 17:38 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:20:01 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.174	138	45786	443.81	ug/L		97
46) Dimethylphthalate	8.324	163	218003	508.94	ug/L		99
47) Acenaphthylene	8.436	152	338313	541.52	ug/L		100
48) 2,6-Dinitrotoluene	8.377	165	44032	466.73	ug/L		91
49) 3-Nitroaniline	8.516	138	37565	471.97	ug/L		97
50) Acenaphthene	8.586	153	222201	524.73	ug/L		98
51) 2,4-Dinitrophenol	8.607	184	61127	2072.24	ug/L	#	58
52) 4-Nitrophenol	8.645	109	77637	2415.07	ug/L		92
53) Dibenzofuran	8.736	168	294810	508.82	ug/L		95
54) 2,4-Dinitrotoluene	8.719	165	50458	473.21	ug/L		97
55) 2,3,4,6-Tetrachlorophenol	8.800	232	47113	466.54	ug/L		93
56) 2,3,5,6-Tetrachlorophenol	8.842	232	52560	522.37	ug/l		82
57) Diethylphthalate	8.939	149	220526	515.88	ug/L		98
58) Fluorene	9.046	166	222061	514.77	ug/L		95
59) 4-Chlorophenylphenylether	9.046	204	108911	510.75	ug/L		97
60) 4-Nitroaniline	9.051	108	20896	480.71	ug/L		97
62) 4,6-Dinitro-2-methylph...	9.082	198	109734	2402.73	ug/L		93
63) n-Nitrosodiphenylamine	9.153	169	170958	535.06	ug/l		100
65) Azobenzene	9.190	77	187221	551.61	ug/L		87
66) 4-Bromophenylphenylether	9.506	248	62391	536.92	ug/L		96
67) Hexachlorobenzene	9.554	284	86263	547.56	ug/L	#	1
68) Pentachlorophenol	9.746	266	29414	520.13	ug/L		88
69) Phenanthrene	9.966	178	291061	524.89	ug/L		89
70) Anthracene	10.019	178	263509	526.23	ug/L		99
71) Octadecane	9.837	57	102841	542.42	ug/L		84
72) Carbazole	10.180	167	219519	565.33	ug/L		88
73) Di-n-butylphthalate	10.565	149	324301	499.33	ug/L		100
74) Fluoranthene	11.233	202	255510	506.82	ug/L		98
75) Pyrene	11.485	202	274166	508.00	ug/L		99
76) Benzidine	11.399	184	86365	2948.37	ug/L	#	100
79) Butylbenzylphthalate	12.271	149	77570	491.89	ug/L		96
80) Benzo(a)anthracene	12.875	228	187398	499.43	ug/L		77
81) 3,3'-Dichlorobenzidine	12.865	252	94026	639.43	ug/L		98
82) Chrysene	12.918	228	198154	534.88	ug/L	#	1
83) bis(2-Ethylhexyl)phtha...	12.972	149	103213	477.12	ug/L		99
85) Di-n-octylphthalate	13.758	149	97503	532.33	ug/L		98
86) Benzo(b)fluoranthene	14.207	252	134081	486.67	ug/l		95
87) Benzo(k)fluoranthene	14.245	252	155486	538.88	ug/l		94
88) Benzofluoranthenes	14.233	252	304089	509.04	ug/L		73
89) Benzo(a)pyrene	14.683	252	116231	522.84	ug/L		95
90) Indeno(1,2,3-cd)pyrene	16.380	276	68433	418.57	ug/L		86
91) Dibenz(a,h)anthracene	16.434	278	85797	489.38	ug/L		90
92) Benzo(g,h,i)perylene	16.773	276	112614	519.14	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008775.D Vial: 7
Sample : 1000 ug/l 8270 ical std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 18:06 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:12:54 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	184055	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	713915	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	359759	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	535020	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	315876	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	181603	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	238357	1058.10	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	284707	1055.42	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.457	82	221824	1027.58	ug/L	0.00
42) 2 - Fluorobiphenyl (S)	7.987	172	533124	1043.24	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	78128	1080.58	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	338422	799.01	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	2.991	74	731011	5077.52	ug/L	100
3) Pyridine	2.970	79	1335413	5307.01	ug/L	100
5) Cyclohexanone	4.981	55	138093	886.24	ug/l	100
6) Aniline	5.676	93	344378	1002.07	ug/L	95
8) Phenol	5.644	94	305349	1017.31	ug/L	93
9) bis(2-Chloroethyl)ether	6.874	93	294672	1090.78	ug/L	100
10) 2-Chlorophenol	5.767	128	262694	1020.45	ug/L	86
11) Decane	5.826	57	249293	1099.18	ug/L	97
12) 1,3-Dichlorobenzene	5.911	146	305840	1027.92	ug/L	98
13) 1,4-Dichlorobenzene	5.981	146	311898	994.39	ug/L	100
14) Benzyl alcohol	6.099	79	174251	984.28	ug/L	94
15) 1,2-Dichlorobenzene	6.115	146	294915	1016.59	ug/L	99
16) 2-Methylphenol	6.189	108	232785	1052.35	ug/L	99
17) bis(2-chloroisopropyl)...	6.222	45	287355	1022.93	ug/L	97
18) 3-&4-Methylphenol	6.329	108	241251	1018.05	ug/L	97
19) n-Nitroso-di-n-propyla...	6.339	70	163075	1100.74	ug/L	100
20) Hexachloroethane	6.414	201	102845	991.47	ug/L	90
23) Nitrobenzene	6.478	77	244252	1029.55	ug/L	96
24) Isophorone	6.687	82	405478	1051.59	ug/L	97
25) 2-Nitrophenol	6.751	139	117849	931.83	ug/L	92
26) 2,4-Dimethylphenol	6.789	107	230428	1023.96	ug/L	93
27) bis(2-Chloroethoxy)met...	6.874	93	294672	1093.12	ug/L	97
28) Benzoic Acid	6.853	105	490503	4791.53	ug/L	82
29) 2,4-Dichlorophenol	6.949	162	201120	949.16	ug/L	99
30) 1,2,4-Trichlorobenzene	7.024	180	242093	1000.37	ug/L	99
31) Naphthalene	7.093	128	804644	1018.86	ug/L	98
32) 4-Chloroaniline	7.142	127	274644	942.66	ug/l	100
33) Hexachlorobutadiene	7.200	225	142824	984.40	ug/L	97
34) 4-Chloro-3-methylphenol	7.543	107	183952	982.30	ug/L	95
35) 2-Methylnaphthalene	7.676	141	407278	1002.69	ug/L	92
36) 1-Methylnaphthalene	7.762	141	439109	1003.52	ug/l	80
38) Hexachlorocyclopentadiene	7.810	237	124899	1159.35	ug/L	98
39) 2,3-Dichloroaniline	7.917	161	243541	1042.90	ug/L	98
40) 2,4,6-Trichlorophenol	7.912	196	137946	981.27	ug/L	54
41) 2,4,5-Trichlorophenol	7.939	196	144591	1015.03	ug/L	98
43) 2-Chloronaphthalene	8.088	162	459179	1001.88	ug/L	98
44) Biphenyl	8.072	154	602954	1046.52	ug/L	99

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008775.D Vial: 7
Sample : 1000 ug/l 8270 ical std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 18:06 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:12:54 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.174	138	108615	950.33	ug/L		98
46) Dimethylphthalate	8.329	163	474069	1019.64	ug/L		94
47) Acenaphthylene	8.436	152	726290	1109.73	ug/L		98
48) 2,6-Dinitrotoluene	8.377	165	102557	915.04	ug/L		94
49) 3-Nitroaniline	8.516	138	84077	867.88	ug/L		96
50) Acenaphthene	8.586	153	473338	1034.00	ug/L		98
51) 2,4-Dinitrophenol	8.607	184	174545	3485.22	ug/L	#	57
52) 4-Nitrophenol	8.650	109	165552	3405.30	ug/L		89
53) Dibenzofuran	8.735	168	627657	964.54	ug/L		96
54) 2,4-Dinitrotoluene	8.719	165	119533	872.79	ug/L		96
55) 2,3,4,6-Tetrachlorophenol	8.805	232	110268	920.80	ug/L		96
56) 2,3,5,6-Tetrachlorophenol	8.842	232	117794	986.43	ug/l		84
57) Diethylphthalate	8.939	149	460277	1024.86	ug/L		96
58) Fluorene	9.046	166	474693	974.06	ug/L		97
59) 4-Chlorophenylphenylether	9.046	204	234975	976.64	ug/L		97
60) 4-Nitroaniline	9.051	108	40843	680.82	ug/L		98
62) 4,6-Dinitro-2-methylph...	9.081	198	293415	4628.09	ug/L		84
63) n-Nitrosodiphenylamine	9.153	169	370986	1097.37	ug/l		97
65) Azobenzene	9.190	77	413155	1247.77	ug/L		88
66) 4-Bromophenylphenylether	9.506	248	134909	1141.53	ug/L		94
67) Hexachlorobenzene	9.554	284	180861	1155.88	ug/L	#	1
68) Pentachlorophenol	9.746	266	72397	1223.77	ug/L		91
69) Phenanthrene	9.966	178	615292	1025.13	ug/L		90
70) Anthracene	10.019	178	556620	1024.93	ug/L		98
71) Octadecane	9.843	57	235027	1320.31	ug/L		81
72) Carbazole	10.180	167	447896	1011.53	ug/L		88
73) Di-n-butylphthalate	10.565	149	720997	1289.90	ug/L		100
74) Fluoranthene	11.233	202	529245	959.05	ug/L		99
75) Pyrene	11.485	202	573430	947.88	ug/L		97
76) Benzidine	11.399	184	96848	2146.38	ug/L	#	100
79) Butylbenzylphthalate	12.271	149	185015	1359.68	ug/L		99
80) Benzo(a)anthracene	12.875	228	342394	1024.38	ug/L		76
81) 3,3'-Dichlorobenzidine	12.865	252	168009	1354.35	ug/L		99
82) Chrysene	12.918	228	358249	1058.54	ug/L	#	1
83) bis(2-Ethylhexyl)phtha...	12.972	149	256747	1366.54	ug/L		100
85) Di-n-octylphthalate	13.758	149	233281	1782.22	ug/L		100
86) Benzo(b)fluoranthene	14.207	252	248138	1258.78	ug/l		99
87) Benzo(k)fluoranthene	14.245	252	255076	1187.56	ug/l		100
88) Benzofluoranthenes	14.232	252	521773	1104.53	ug/L		78
89) Benzo(a)pyrene	14.688	252	190254	1148.81	ug/L		98
90) Indeno(1,2,3-cd)pyrene	16.381	276	103714	787.12	ug/L		97
91) Dibenz(a,h)anthracene	16.436	278	124579	816.88	ug/L		99
92) Benzo(g,h,i)perylene	16.774	276	168398	973.09	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008776.D Vial: 8
Sample : 1500 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 4 Apr 2007 18:33 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:20:41 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	181005	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	701203	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	357778	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.939	188	530557	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	306998	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	183397	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.697	112	359265	1575.88	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	432335	1589.42	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.462	82	338368	1563.53	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.987	172	806527	1538.48	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	121575	1605.36	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	507453	1393.25	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.007	74	1047455	7235.15	ug/L	100
3) Pyridine	2.970	79	1935242	7578.18	ug/L	99
5) Cyclohexanone	4.981	55	202022	1381.40	ug/l	98
6) Aniline	5.676	93	513158	1487.67	ug/L	94
8) Phenol	5.644	94	451591	1500.49	ug/L	94
9) bis(2-Chloroethyl)ether	6.880	93	439177	1591.59	ug/L	90
10) 2-Chlorophenol	5.772	128	394047	1525.83	ug/L	83
11) Decane	5.826	57	365954	1527.84	ug/L	98
12) 1,3-Dichlorobenzene	5.911	146	453291	1506.12	ug/L	97
13) 1,4-Dichlorobenzene	5.981	146	465931	1513.55	ug/L	98
14) Benzyl alcohol	6.099	79	265091	1485.90	ug/L	96
15) 1,2-Dichlorobenzene	6.115	146	434556	1512.88	ug/L	99
16) 2-Methylphenol	6.195	108	353075	1581.93	ug/L	99
17) bis(2-chloroisopropyl)...	6.222	45	420238	1450.81	ug/L	96
18) 3-&4-Methylphenol	6.329	108	357601	1504.12	ug/L	96
19) n-Nitroso-di-n-propyla...	6.339	70	242386	1578.95	ug/L	99
20) Hexachloroethane	6.414	201	156084	1538.67	ug/L	90
23) Nitrobenzene	6.478	77	359705	1500.07	ug/L	97
24) Isophorone	6.692	82	607253	1570.57	ug/L	97
25) 2-Nitrophenol	6.751	139	184141	1432.63	ug/L	93
26) 2,4-Dimethylphenol	6.789	107	349986	1542.07	ug/L	95
27) bis(2-Chloroethoxy)met...	6.880	93	439177	1588.37	ug/L	87
28) Benzoic Acid	6.863	105	779501	7087.36	ug/L	81
29) 2,4-Dichlorophenol	6.949	162	309709	1480.68	ug/L	100
30) 1,2,4-Trichlorobenzene	7.024	180	358052	1482.68	ug/L	99
31) Naphthalene	7.093	128	1185014	1506.50	ug/L	99
32) 4-Chloroaniline	7.142	127	412373	1516.62	ug/l	100
33) Hexachlorobutadiene	7.200	225	211326	1493.83	ug/L	99
34) 4-Chloro-3-methylphenol	7.543	107	280765	1566.59	ug/L	95
35) 2-Methylnaphthalene	7.676	141	604636	1517.67	ug/L	99
36) 1-Methylnaphthalene	7.762	141	658124	1554.41	ug/l	99
38) Hexachlorocyclopentadiene	7.810	237	185000	1580.04	ug/L	98
39) 2,3-Dichloroaniline	7.917	161	363612	1526.23	ug/L	98
40) 2,4,6-Trichlorophenol	7.912	196	213162	1504.31	ug/L	58
41) 2,4,5-Trichlorophenol	7.939	196	218625	1484.13	ug/L	99
43) 2-Chloronaphthalene	8.088	162	685560	1514.68	ug/L	98
44) Biphenyl	8.072	154	886653	1508.89	ug/L	99

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008776.D Vial: 8
Sample : 1500 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 4 Apr 2007 18:33 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:20:41 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.174	138	173562	1550.96	ug/L		95
46) Dimethylphthalate	8.329	163	706707	1514.91	ug/L		95
47) Acenaphthylene	8.436	152	1095595	1592.07	ug/L		99
48) 2,6-Dinitrotoluene	8.377	165	159810	1423.46	ug/L		91
49) 3-Nitroaniline	8.516	138	127659	1513.15	ug/L		94
50) Acenaphthene	8.586	153	700376	1509.54	ug/L		99
51) 2,4-Dinitrophenol	8.607	184	287315	5950.42	ug/L		80
52) 4-Nitrophenol	8.650	109	247889	5798.27	ug/L		89
53) Dibenzofuran	8.735	168	921442	1459.17	ug/L		98
54) 2,4-Dinitrotoluene	8.719	165	184429	1381.28	ug/L		95
55) 2,3,4,6-Tetrachlorophenol	8.800	232	173575	1436.57	ug/L		90
56) 2,3,5,6-Tetrachlorophenol	8.837	232	179533	1468.51	ug/l		73
57) Diethylphthalate	8.939	149	690344	1515.81	ug/L		96
58) Fluorene	9.046	166	712023	1517.93	ug/L		97
59) 4-Chlorophenylphenylether	9.046	204	348388	1499.49	ug/L		95
60) 4-Nitroaniline	9.051	108	59334	1190.15	ug/L		94
62) 4,6-Dinitro-2-methylph...	9.081	198	474150	7092.36	ug/L		91
63) n-Nitrosodiphenylamine	9.153	169	557717	1633.12	ug/l		99
65) Azobenzene	9.190	77	615749	1666.03	ug/L		88
66) 4-Bromophenylphenylether	9.506	248	202653	1609.82	ug/L		96
67) Hexachlorobenzene	9.554	284	269176	1571.66	ug/L	#	1
68) Pentachlorophenol	9.746	266	117357	1833.10	ug/L		87
69) Phenanthrene	9.966	178	916725	1539.14	ug/L		90
70) Anthracene	10.019	178	841847	1568.69	ug/L		98
71) Octadecane	9.837	57	356504	1712.36	ug/L		83
72) Carbazole	10.180	167	667510	1605.10	ug/L		88
73) Di-n-butylphthalate	10.565	149	1089576	1513.67	ug/L		99
74) Fluoranthene	11.233	202	796741	1463.95	ug/L		99
75) Pyrene	11.485	202	854964	1471.12	ug/L		96
76) Benzidine	11.399	184	101834	3282.92	ug/L	#	100
79) Butylbenzylphthalate	12.271	149	291929	2024.57	ug/L		99
80) Benzo(a)anthracene	12.875	228	512964	1530.12	ug/L		77
81) 3,3'-Dichlorobenzidine	12.865	252	247033	2178.52	ug/L		99
82) Chrysene	12.918	228	526579	1587.15	ug/L	#	1
83) bis(2-Ethylhexyl)phtha...	12.972	149	418188	2094.97	ug/L		99
85) Di-n-octylphthalate	13.758	149	399446	2572.82	ug/L		98
86) Benzo(b)fluoranthene	14.207	252	394831	1775.50	ug/l		99
87) Benzo(k)fluoranthene	14.245	252	389925	1659.79	ug/l		100
88) Benzofluoranthenes	14.231	252	809807	1661.41	ug/L		82
89) Benzo(a)pyrene	14.683	252	303420	1666.48	ug/L		94
90) Indeno(1,2,3-cd)pyrene	16.381	276	185192	1402.72	ug/L		85
91) Dibenz(a,h)anthracene	16.434	278	229826	1626.42	ug/L		98
92) Benzo(g,h,i)perylene	16.773	276	290823	1643.69	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008777.D Vial: 9
Sample : 2000 ug/l 8270 ical std no 1281-42-8
Misc :
Acq On : 4 Apr 2007 19:00 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:30:34 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	182107	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	706133	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	366736	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	558629	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	400343	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	253759	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.697	112	484461	2036.65	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	578682	2070.00	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.462	82	456541	2067.60	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.986	172	1083636	1974.98	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	177316	2054.87	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.682	244	802156	2245.87	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.002	74	1430803	10001.47	ug/L	99
3) Pyridine	2.959	79	2677113	10107.58	ug/L	99
5) Cyclohexanone	4.981	55	266425	1997.00	ug/l	92
6) Aniline	5.676	93	730720	2062.64	ug/L	97
8) Phenol	5.649	94	616315	1994.00	ug/L	91
9) bis(2-Chloroethyl)ether	6.879	93	590087	2049.58	ug/L	84
10) 2-Chlorophenol	5.772	128	536617	2020.66	ug/L	83
11) Decane	5.826	57	487778	1962.77	ug/L	96
12) 1,3-Dichlorobenzene	5.911	146	616124	2001.15	ug/L	96
13) 1,4-Dichlorobenzene	5.981	146	629856	2008.57	ug/L	99
14) Benzyl alcohol	6.098	79	358343	2014.56	ug/L	96
15) 1,2-Dichlorobenzene	6.114	146	585182	1998.42	ug/L	98
16) 2-Methylphenol	6.195	108	474283	2058.72	ug/L	99
17) bis(2-chloroisopropyl)...	6.221	45	563719	1925.73	ug/L	97
18) 3-&4-Methylphenol	6.328	108	491385	2031.78	ug/L	96
19) n-Nitroso-di-n-propyla...	6.339	70	322996	2043.59	ug/L	99
20) Hexachloroethane	6.414	201	209552	2035.83	ug/L	91
23) Nitrobenzene	6.478	77	493248	2026.80	ug/L	96
24) Isophorone	6.692	82	819894	1958.78	ug/L	97
25) 2-Nitrophenol	6.751	139	257919	2030.49	ug/L	88
26) 2,4-Dimethylphenol	6.788	107	476649	2011.29	ug/L	93
27) bis(2-Chloroethoxy)met...	6.879	93	595165	2051.29	ug/L	95
28) Benzoic Acid	6.874	105	1210273	10429.55	ug/L	81
29) 2,4-Dichlorophenol	6.954	162	423720	2014.11	ug/L	96
30) 1,2,4-Trichlorobenzene	7.024	180	483137	1968.95	ug/L	100
31) Naphthalene	7.093	128	1598483	1990.92	ug/L	99
32) 4-Chloroaniline	7.141	127	567004	2133.60	ug/l	100
33) Hexachlorobutadiene	7.200	225	283556	1990.26	ug/L	97
34) 4-Chloro-3-methylphenol	7.543	107	387744	2140.60	ug/L	95
35) 2-Methylnaphthalene	7.682	141	824227	2043.20	ug/L	99
36) 1-Methylnaphthalene	7.762	141	884270	2051.81	ug/l	98
38) Hexachlorocyclopentadiene	7.810	237	267869	2015.95	ug/L	98
39) 2,3-Dichloroaniline	7.917	161	500704	2003.45	ug/L	99
40) 2,4,6-Trichlorophenol	7.912	196	295615	1989.03	ug/L	54
41) 2,4,5-Trichlorophenol	7.938	196	310209	2021.07	ug/L	98
43) 2-Chloronaphthalene	8.088	162	939119	1997.46	ug/L	98
44) Biphenyl	8.072	154	1218210	1989.16	ug/L	99

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008777.D Vial: 9
Sample : 2000 ug/l 8270 ical std no 1281-42-8
Misc :
Acq On : 4 Apr 2007 19:00 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:30:34 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2-Nitroaniline	8.174	138	262801	2295.61 ug/L	98
46) Dimethylphthalate	8.329	163	972157	1996.01 ug/L	93
47) Acenaphthylene	8.436	152	1510068	2060.87 ug/L	98
48) 2,6-Dinitrotoluene	8.377	165	225533	1918.31 ug/L	95
49) 3-Nitroaniline	8.516	138	167814	2131.66 ug/L	95
50) Acenaphthene	8.585	153	960251	1987.87 ug/L	98
51) 2,4-Dinitrophenol	8.607	184	493267	10607.33 ug/L	86
52) 4-Nitrophenol	8.650	109	382363	10205.66 ug/L	87
53) Dibenzofuran	8.741	168	1283776	2002.86 ug/L	95
54) 2,4-Dinitrotoluene	8.719	165	271163	2029.59 ug/L	95
55) 2,3,4,6-Tetrachlorophenol	8.799	232	250964	1909.48 ug/L	91
56) 2,3,5,6-Tetrachlorophenol	8.842	232	254450	2016.00 ug/l	83
57) Diethylphthalate	8.944	149	939760	1907.14 ug/L	95
58) Fluorene	9.045	166	986543	2056.76 ug/L	97
59) 4-Chlorophenylphenylether	9.045	204	478028	2011.87 ug/L	95
60) 4-Nitroaniline	9.056	108	82031	1947.59 ug/L	95
62) 4,6-Dinitro-2-methylph...	9.082	198	737689	10431.76 ug/L	89
63) n-Nitrosodiphenylamine	9.152	169	785719	2014.90 ug/l	99
65) Azobenzene	9.190	77	858347	2041.09 ug/L	88
66) 4-Bromophenylphenylether	9.505	248	286577	2057.19 ug/L	95
67) Hexachlorobenzene	9.554	284	376277	1983.80 ug/L #	1
68) Pentachlorophenol	9.746	266	180011	2378.00 ug/L	91
69) Phenanthrene	9.965	178	1314194	2054.69 ug/L	90
70) Anthracene	10.019	178	1247978	2185.89 ug/L	98
71) Octadecane	9.842	57	490761	2058.87 ug/L	81
72) Carbazole	10.179	167	874216	2018.99 ug/L	88
73) Di-n-butylphthalate	10.564	149	1532222	1920.67 ug/L	99
74) Fluoranthene	11.233	202	1224976	2186.91 ug/L	99
75) Pyrene	11.484	202	1311638	2206.01 ug/L	95
76) Benzidine	11.399	184	106317	10609.81 ug/L #	98
79) Butylbenzylphthalate	12.271	149	463639	1820.16 ug/L	98
80) Benzo(a)anthracene	12.875	228	908717	2051.61 ug/L	78
81) 3,3'-Dichlorobenzidine	12.864	252	430204	2616.96 ug/L	99
82) Chrysene	12.918	228	916994	2056.04 ug/L #	1
83) bis(2-Ethylhexyl)phtha...	12.971	149	662131	1841.77 ug/L	100
85) Di-n-octylphthalate	13.758	149	722007	2003.03 ug/L	100
86) Benzo(b)fluoranthene	14.207	252	735821	2222.35 ug/l	99
87) Benzo(k)fluoranthene	14.244	252	747474	2178.74 ug/l	99
88) Benzofluoranthenes	14.231	252	1522177	3896.97 ug/L	87
89) Benzo(a)pyrene	14.683	252	601547	2288.16 ug/L	94
90) Indeno(1,2,3-cd)pyrene	16.381	276	403305	2353.21 ug/L	84
91) Dibenz(a,h)anthracene	16.432	278	483846	2548.48 ug/L	99
92) Benzo(g,h,i)perylene	16.772	276	564066	2269.39 ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008778.D Vial: 10
Sample : 2500 ug/l 8270 ical std no 1281-42-9
Misc :
Acq On : 4 Apr 2007 19:27 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:22:15 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	184092	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	700937	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	356203	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	560184	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	415195	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	275630	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.697	112	589726	2629.05	ug/L	0.00
7) Phenol - d5 (S)	5.639	99	712639	2551.34	ug/L	0.00
22) Nitrobenzene - d5 (S)	6.462	82	564548	2599.40	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.987	172	1328137	2511.62	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	214687	2717.12	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	983020	2699.78	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.012	74	1760873	11984.73	ug/L	99
3) Pyridine	2.959	79	3294550	12666.98	ug/L	98
5) Cyclohexanone	4.981	55	328064	2263.72	ug/l	96
6) Aniline	5.676	93	895502	2514.73	ug/L	98
8) Phenol	5.649	94	771579	2532.49	ug/L	82
9) bis(2-Chloroethyl)ether	6.879	93	723335	2524.26	ug/L	96
10) 2-Chlorophenol	5.772	128	664607	2506.19	ug/L	84
11) Decane	5.826	57	599997	2406.48	ug/L	98
12) 1,3-Dichlorobenzene	5.911	146	762608	2470.94	ug/L	97
13) 1,4-Dichlorobenzene	5.981	146	787557	2504.96	ug/L	99
14) Benzyl alcohol	6.099	79	446747	2429.72	ug/L	95
15) 1,2-Dichlorobenzene	6.115	146	726903	2475.04	ug/L	98
16) 2-Methylphenol	6.195	108	587636	2568.29	ug/L	98
17) bis(2-chloroisopropyl)...	6.222	45	689203	2325.31	ug/L	97
18) 3-&4-Methylphenol	6.334	108	600880	2506.04	ug/L	99
19) n-Nitroso-di-n-propyla...	6.339	70	400747	2545.22	ug/L	99
20) Hexachloroethane	6.414	201	256699	2492.20	ug/L	92
23) Nitrobenzene	6.478	77	606830	2540.10	ug/L	96
24) Isophorone	6.692	82	1019038	2568.55	ug/L	97
25) 2-Nitrophenol	6.751	139	323828	2401.42	ug/L	87
26) 2,4-Dimethylphenol	6.789	107	593095	2656.41	ug/L	93
27) bis(2-Chloroethoxy)met...	6.879	93	723335	2554.55	ug/L	96
28) Benzoic Acid	6.885	105	1511275	12717.43	ug/L	77
29) 2,4-Dichlorophenol	6.954	162	528533	2477.43	ug/L	96
30) 1,2,4-Trichlorobenzene	7.024	180	604569	2501.81	ug/L	100
31) Naphthalene	7.093	128	1971746	2489.30	ug/L	99
32) 4-Chloroaniline	7.142	127	685387	2579.29	ug/l	100
33) Hexachlorobutadiene	7.200	225	350783	2488.43	ug/L	97
34) 4-Chloro-3-methylphenol	7.543	107	479503	2717.01	ug/L	95
35) 2-Methylnaphthalene	7.682	141	1019340	2565.73	ug/L	99
36) 1-Methylnaphthalene	7.762	141	1103916	2607.86	ug/l	99
38) Hexachlorocyclopentadiene	7.810	237	327654	3000.28	ug/L	100
39) 2,3-Dichloroaniline	7.917	161	621408	2605.25	ug/L	99
40) 2,4,6-Trichlorophenol	7.912	196	368365	2535.08	ug/L	55
41) 2,4,5-Trichlorophenol	7.938	196	377647	2574.68	ug/L	98
43) 2-Chloronaphthalene	8.088	162	1161220	2572.76	ug/L	98
44) Biphenyl	8.072	154	1492950	2535.08	ug/L	99

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008778.D Vial: 10
Sample : 2500 ug/l 8270 ical std no 1281-42-9
Misc :
Acq On : 4 Apr 2007 19:27 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:22:15 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 2-Nitroaniline	8.174	138	336245	3167.73 ug/L		94
46) Dimethylphthalate	8.329	163	1190392	2555.32 ug/L		94
47) Acenaphthylene	8.441	152	1851494	2661.34 ug/L		99
48) 2,6-Dinitrotoluene	8.377	165	282494	2557.16 ug/L		94
49) 3-Nitroaniline	8.516	138	192278	2466.01 ug/L		92
50) Acenaphthene	8.586	153	1177345	2537.79 ug/L		98
51) 2,4-Dinitrophenol	8.607	184	619794	11553.04 ug/L		85
52) 4-Nitrophenol	8.650	109	473503	10586.96 ug/L		88
53) Dibenzofuran	8.741	168	1564396	2526.64 ug/L		95
54) 2,4-Dinitrotoluene	8.719	165	337782	2390.01 ug/L		94
55) 2,3,4,6-Tetrachlorophenol	8.800	232	308872	2576.86 ug/L		91
56) 2,3,5,6-Tetrachlorophenol	8.842	232	310126	2486.85 ug/l		84
57) Diethylphthalate	8.944	149	1157624	2554.30 ug/L		95
58) Fluorene	9.046	166	1208727	2619.16 ug/L		98
59) 4-Chlorophenylphenylether	9.046	204	584399	2554.35 ug/L		94
60) 4-Nitroaniline	9.056	108	102630	2191.58 ug/L		98
62) 4,6-Dinitro-2-methylph...	9.082	198	913872	11676.00 ug/L		92
63) n-Nitrosodiphenylamine	9.153	169	956725	2545.69 ug/l		100
65) Azobenzene	9.190	77	1046801	2549.29 ug/L		88
66) 4-Bromophenylphenylether	9.506	248	349339	2552.98 ug/L		96
67) Hexachlorobenzene	9.554	284	462245	2467.18 ug/L	#	1
68) Pentachlorophenol	9.741	266	226713	3262.55 ug/L		88
69) Phenanthrene	9.966	178	1608129	2536.28 ug/L		90
70) Anthracene	10.019	178	1515926	2684.22 ug/L		99
71) Octadecane	9.837	57	594582	2557.36 ug/L		81
72) Carbazole	10.180	167	954054	2166.03 ug/L		87
73) Di-n-butylphthalate	10.565	149	1905819	2422.17 ug/L		100
74) Fluoranthene	11.233	202	1523330	2725.66 ug/L		98
75) Pyrene	11.485	202	1636551	2754.04 ug/L		97
76) Benzidine	11.399	184	124465	5334.47 ug/L	#	100
79) Butylbenzylphthalate	12.271	149	590103	2638.96 ug/L		98
80) Benzo(a)anthracene	12.875	228	1177525	2602.12 ug/L		79
81) 3,3'-Dichlorobenzidine	12.865	252	571016	4143.31 ug/L		99
82) Chrysene	12.918	228	1169344	2562.93 ug/L	#	1
83) bis(2-Ethylhexyl)phtha...	12.972	149	838562	2651.88 ug/L		99
85) Di-n-octylphthalate	13.758	149	974956	3362.51 ug/L		100
86) Benzo(b)fluoranthene	14.207	252	984393	2852.31 ug/l		100
87) Benzo(k)fluoranthene	14.245	252	1015905	2819.42 ug/l		100
88) Benzofluoranthenes	14.231	252	2040064	2612.00 ug/L		89
89) Benzo(a)pyrene	14.683	252	834043	3042.84 ug/L		96
90) Indeno(1,2,3-cd)pyrene	16.381	276	600382	3315.53 ug/L		89
91) Dibenz(a,h)anthracene	16.432	278	715079	3627.86 ug/L		98
92) Benzo(g,h,i)perylene	16.771	276	809927	3112.23 ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008779.D Vial: 11
Sample : 5000 ug/l 8270 ical std no 1281-42-10
Misc :
Acq On : 4 Apr 2007 19:54 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:33:48 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	185157	1000.00 ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	720600	1000.00 ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	370922	1000.00 ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	599487	1000.00 ug/L	0.00
78) Chrysene - d12 (I)	12.891	240	389296	1000.00 ug/l	0.00
84) Perylene - d12 (I)	14.774	264	238593	1000.00 ug/L	0.00
System Monitoring Compounds					
4) 2 - Fluorophenol (S)	4.703	112	1241740	5005.65 ug/L	0.01
7) Phenol - d5 (S)	5.639	99	1475318	5190.42 ug/L	0.00
22) Nitrobenzene - d5 (S)	6.462	82	1177937	5227.57 ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.992	172	2746259	4948.71 ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	478292	5000.90 ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	2049900	5348.14 ug/L	-0.01
Target Compounds					Qvalue
2) N-Nitrosodimethylamine	3.007	74	4026782	25165.19 ug/L	98
3) Pyridine	2.954	79	7135338	25089.88 ug/L	97
5) Cyclohexanone	4.975	55	698355	5024.00 ug/l	96
6) Aniline	5.676	93	1894110	4995.07 ug/L	99
8) Phenol	5.649	94	1838137	5027.90 ug/L	96
9) bis(2-Chloroethyl)ether	6.879	93	1542250	5268.53 ug/L	95
10) 2-Chlorophenol	5.772	128	1451015	5011.03 ug/L	84
11) Decane	5.826	57	1254999	4966.80 ug/L	95
12) 1,3-Dichlorobenzene	5.911	146	1625540	5192.73 ug/L	97
13) 1,4-Dichlorobenzene	5.981	146	1673842	5249.85 ug/L	100
14) Benzyl alcohol	6.099	79	996824	5010.77 ug/L	95
15) 1,2-Dichlorobenzene	6.115	146	1546350	5193.85 ug/L	98
16) 2-Methylphenol	6.195	108	1288358	5500.25 ug/L	99
17) bis(2-chloroisopropyl)...	6.222	45	1436799	4827.43 ug/L	95
18) 3-&4-Methylphenol	6.334	108	1301295	5013.64 ug/L	99
19) n-Nitroso-di-n-propyla...	6.339	70	861174	5358.88 ug/L	99
20) Hexachloroethane	6.414	201	565563	5404.01 ug/L	91
23) Nitrobenzene	6.478	77	1315405	5296.60 ug/L	96
24) Isophorone	6.692	82	2216690	5156.15 ug/L	97
25) 2-Nitrophenol	6.751	139	750460	4991.30 ug/L	89
26) 2,4-Dimethylphenol	6.789	107	1281959	4998.80 ug/L	93
27) bis(2-Chloroethoxy)met...	6.879	93	1541577	5206.51 ug/L	94
28) Benzoic Acid	6.922	105	4015778	24932.73 ug/L	77
29) 2,4-Dichlorophenol	6.954	162	1169506	4998.55 ug/L	97
30) 1,2,4-Trichlorobenzene	7.024	180	1301792	5198.75 ug/L	98
31) Naphthalene	7.093	128	4182961	5105.31 ug/L	99
32) 4-Chloroaniline	7.142	127	1404085	5177.41 ug/l	100
33) Hexachlorobutadiene	7.200	225	755397	5195.63 ug/L	98
34) 4-Chloro-3-methylphenol	7.543	107	1077166	5827.27 ug/L	97
35) 2-Methylnaphthalene	7.682	141	2206405	5359.71 ug/L	100
36) 1-Methylnaphthalene	7.762	141	2365154	5377.80 ug/l	99
38) Hexachlorocyclopentadiene	7.810	237	803838	5008.82 ug/L	99
39) 2,3-Dichloroaniline	7.917	161	1346137	5325.47 ug/L	98
40) 2,4,6-Trichlorophenol	7.912	196	868644	5005.67 ug/L #	50
41) 2,4,5-Trichlorophenol	7.938	196	832954	4996.70 ug/L	98
43) 2-Chloronaphthalene	8.088	162	2516985	5293.09 ug/L	99
44) Biphenyl	8.072	154	3220386	5199.09 ug/L	98

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008779.D Vial: 11
Sample : 5000 ug/l 8270 ical std no 1281-42-10
Misc :
Acq On : 4 Apr 2007 19:54 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 11:33:48 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2-Nitroaniline	8.174	138	796195	6876.40 ug/L	99
46) Dimethylphthalate	8.334	163	2657252	5394.23 ug/L	95
47) Acenaphthylene	8.441	152	4115929	5553.84 ug/L	99
48) 2,6-Dinitrotoluene	8.382	165	645207	5302.50 ug/L	83
49) 3-Nitroaniline	8.521	138	438980	5513.23 ug/L	87
50) Acenaphthene	8.591	153	2579626	5279.97 ug/L	95
51) 2,4-Dinitrophenol	8.612	184	1608809	24816.41 ug/L	92
52) 4-Nitrophenol	8.655	109	1144917	24983.34 ug/L	90
53) Dibenzofuran	8.741	168	3459197	5335.89 ug/L	96
54) 2,4-Dinitrotoluene	8.725	165	792330	4988.85 ug/L	84
55) 2,3,4,6-Tetrachlorophenol	8.805	232	740311	5438.40 ug/L	97
56) 2,3,5,6-Tetrachlorophenol	8.842	232	702927	5002.51 ug/l	81
57) Diethylphthalate	8.944	149	2625566	5282.03 ug/L	97
58) Fluorene	9.046	166	2666939	5497.34 ug/L	98
59) 4-Chlorophenylphenylether	9.046	204	1290886	5371.62 ug/L	98
60) 4-Nitroaniline	9.067	108	236699	5030.90 ug/L	97
62) 4,6-Dinitro-2-methylph...	9.083	198	2317254	24917.66 ug/L	90
63) n-Nitrosodiphenylamine	9.153	169	2115131	5043.76 ug/l	99
65) Azobenzene	9.190	77	2316330	5132.67 ug/L	89
66) 4-Bromophenylphenylether	9.506	248	785911	5257.15 ug/L	94
67) Hexachlorobenzene	9.554	284	1006624	4945.39 ug/L #	1
68) Pentachlorophenol	9.746	266	548029	6746.23 ug/L	91
69) Phenanthrene	9.966	178	3646342	5312.36 ug/L	91
70) Anthracene	10.019	178	3468626	5661.39 ug/L	98
71) Octadecane	9.837	57	1327350	5189.06 ug/L	82
72) Carbazole	10.180	167	2051870	4415.79 ug/L	87
73) Di-n-butylphthalate	10.565	149	4349881	5081.04 ug/L	100
74) Fluoranthene	11.233	202	3402386	5660.19 ug/L	97
75) Pyrene	11.490	202	3613444	5663.17 ug/L	98
76) Benzidine	11.399	184	232746	23951.09 ug/L	98
79) Butylbenzylphthalate	12.271	149	1411309	5566.11 ug/L	98
80) Benzo(a)anthracene	12.881	228	2398848	5569.57 ug/L	75
81) 3,3'-Dichlorobenzidine	12.865	252	1148429	7306.87 ug/L	99
82) Chrysene	12.918	228	2308487	5322.86 ug/L #	1
83) bis(2-Ethylhexyl)phtha...	12.972	149	1982968	5532.26 ug/L	99
85) Di-n-octylphthalate	13.758	149	1377208	3376.20 ug/L	99
86) Benzo(b)fluoranthene	14.207	252	1933467	6210.69 ug/l	98
87) Benzo(k)fluoranthene	14.250	252	1973132	6116.86 ug/l	100
88) Benzofluoranthenes	14.231	252	3956618	10724.67 ug/L	81
89) Benzo(a)pyrene	14.688	252	1616338	6539.01 ug/L	97
90) Indeno(1,2,3-cd)pyrene	16.382	276	1148897	7129.72 ug/L	89
91) Dibenz(a,h)anthracene	16.431	278	1324103	7417.53 ug/L	99
92) Benzo(g,h,i)perylene	16.773	276	1479725	6331.74 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008780.D Vial: 12
Sample : 1000 ug/l 8270 ocs std no 1281-43-1
Misc :
Acq On : 4 Apr 2007 20:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 08:17:36 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.927	152	165706	1000.00	ug/L		0.00
21) Naphthalene - d8 (I)	7.045	136	633006	1000.00	ug/L		0.00
37) Acenaphthene - d10 (I)	8.516	162	329255	1000.00	ug/L		0.00
61) Phenanthrene - d10 (I)	9.896	188	568020	1000.00	ug/L		0.00
78) Chrysene - d12 (I)	12.832	240	533733	1000.00	ug/l		0.00
84) Perylene - d12 (I)	14.688	264	318190	1000.00	ug/L		0.00
System Monitoring Compounds							
4) 2 - Fluorophenol (S)	0.000	112	0	0.00	ug/L		
7) Phenol - d5 (S)	0.000	99	0	0.00	ug/L		
22) Nitrobenzene - d5 (S)	6.430	82	10500	53.05	ug/L		0.01
42) 2 - Fluorobiphenyl (S)	0.000	172	0	0.00	ug/L		
64) 2,4,6 - Tribromophenol...	0.000	330	0	0.00	ug/L		
77) p - Terphenyl - d14 (S)	0.000	244	0	0.00	ug/L		
Target Compounds							Qvalue
2) N-Nitrosodimethylamine	2.964	74	99767	883.33	ug/L		97
3) Pyridine	2.959	79	199218	930.65	ug/L		93
5) Cyclohexanone	4.943	55	145494	1199.87	ug/l		96
6) Aniline	5.644	93	313161	996.64	ug/L		96
8) Phenol	5.612	94	270010	1011.27	ug/L		92
9) bis(2-Chloroethyl)ether	6.842	93	259590	990.89	ug/L		96
10) 2-Chlorophenol	5.735	128	256727	1089.22	ug/L		86
11) Decane	5.788	57	200531	886.78	ug/L		99
12) 1,3-Dichlorobenzene	5.874	146	294422	1050.92	ug/L		96
13) 1,4-Dichlorobenzene	5.943	146	297532	1042.72	ug/L		100
14) Benzyl alcohol	6.066	79	156767	1003.95	ug/L		97
15) 1,2-Dichlorobenzene	6.077	146	275558	1034.18	ug/L		99
16) 2-Methylphenol	6.163	108	226700	1081.43	ug/L		97
17) bis(2-chloroisopropyl)...	6.189	45	240202	901.78	ug/L		96
18) 3-&4-Methylphenol	6.296	108	464670	2108.21	ug/L		97
19) n-Nitroso-di-n-propyla...	6.307	70	131759	916.15	ug/L		99
20) Hexachloroethane	6.377	201	96281	1027.96	ug/L		93
23) Nitrobenzene	6.446	77	203933	934.79	ug/L		96
24) Isophorone	6.655	82	365111	983.22	ug/L		97
25) 2-Nitrophenol	6.719	139	115459	1082.26	ug/L		92
26) 2,4-Dimethylphenol	6.756	107	218835	1055.61	ug/L		89
27) bis(2-Chloroethoxy)met...	6.842	93	259590	998.06	ug/L		95
28) Benzoic Acid	6.799	105	91872	1546.48	ug/L	#	56
29) 2,4-Dichlorophenol	6.917	162	203057	1113.79	ug/L		98
30) 1,2,4-Trichlorobenzene	6.992	180	229833	1044.86	ug/L		99
31) Naphthalene	7.061	128	752475	1045.48	ug/L		99
32) 4-Chloroaniline	7.109	127	266200	1117.41	ug/l		98
33) Hexachlorobutadiene	7.163	225	135422	1060.32	ug/L		98
34) 4-Chloro-3-methylphenol	7.511	107	174929	1077.28	ug/L		94
35) 2-Methylnaphthalene	7.644	141	401230	1109.52	ug/L		99
36) 1-Methylnaphthalene	7.730	141	436460	1129.73	ug/l		98
38) Hexachlorocyclopentadiene	7.773	237	82694	763.00	ug/L		100
39) 2,3-Dichloroaniline	7.880	161	215834	961.92	ug/L		99
40) 2,4,6-Trichlorophenol	7.880	196	140180	1107.67	ug/L		71
41) 2,4,5-Trichlorophenol	7.901	196	154771	1157.05	ug/L		98
43) 2-Chloronaphthalene	8.051	162	458655	1086.59	ug/L		98
44) Biphenyl	8.035	154	553137	1006.01	ug/L		98

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008780.D Vial: 12
Sample : 1000 ug/l 8270 ocs std no 1281-43-1
Misc :
Acq On : 4 Apr 2007 20:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 08:17:36 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

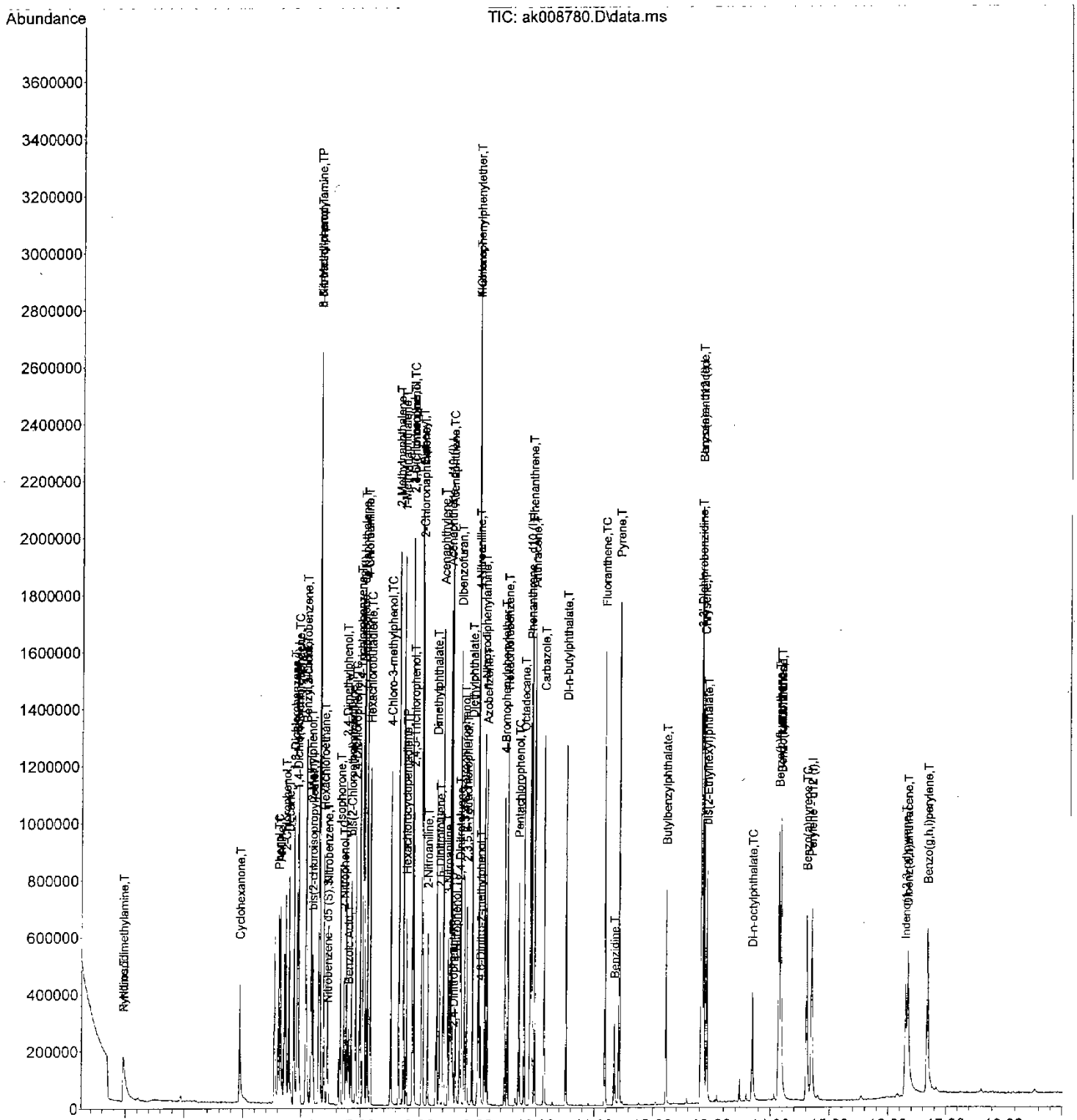
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2-Nitroaniline	8.136	138	110783	1077.87 ug/L	97
46) Dimethylphthalate	8.286	163	439860	1005.91 ug/L	100
47) Acenaphthylene	8.398	152	642173	976.18 ug/L	100
48) 2,6-Dinitrotoluene	8.340	165	80071	799.42 ug/L	94
49) 3-Nitroaniline	8.479	138	91869	1299.81 ug/L	88
50) Acenaphthene	8.548	153	446436	1029.40 ug/L	98
51) 2,4-Dinitrophenol	8.570	184	18981	1037.77 ug/L #	56
52) 4-Nitrophenol	8.612	109	37239	1427.50 ug/L	85
53) Dibenzofuran	8.698	168	623401	1083.30 ug/L	95
54) 2,4-Dinitrotoluene	8.682	165	106123	964.84 ug/L	97
55) 2,3,4,6-Tetrachlorophenol	8.762	232	105056	926.73 ug/L	96
56) 2,3,5,6-Tetrachlorophenol	8.800	232	85014	797.99 ug/l	82
57) Diethylphthalate	8.896	149	425543	957.99 ug/L	95
58) Fluorene	9.003	166	468877	1088.80 ug/L	97
59) 4-Chlorophenylphenylether	9.003	204	232239	1088.69 ug/L	99
60) 4-Nitroaniline	9.014	108	50573	1365.57 ug/L	96
62) 4,6-Dinitro-2-methylph...	9.040	198	45975	1126.07 ug/L	97
63) n-Nitrosodiphenylamine	9.110	169	308552	782.49 ug/l	99
65) Azobenzene	9.147	77	390599	913.46 ug/L	86
66) 4-Bromophenylphenylether	9.457	248	140532	992.13 ug/L	92
67) Hexachlorobenzene	9.506	284	189343	981.74 ug/L #	1
68) Pentachlorophenol	9.698	266	72704	944.56 ug/L	97
69) Phenanthrene	9.917	178	685150	1053.49 ug/L	91
70) Anthracene	9.971	178	625701	1077.83 ug/L	99
71) Octadecane	9.789	57	198677	819.72 ug/L	81
72) Carbazole	10.137	167	578590	1314.15 ug/L	86
73) Di-n-butylphthalate	10.517	149	677103	834.73 ug/L	99
74) Fluoranthene	11.180	202	654339	1148.86 ug/L	98
75) Pyrene	11.431	202	747626	1236.63 ug/L	96
76) Benzidine	11.351	184	159593	16089.84 ug/L #	99
79) Butylbenzylphthalate	12.217	149	211692	663.99 ug/L	91
80) Benzo(a)anthracene	12.822	228	595758	1008.89 ug/L	98
81) 3,3'-Dichlorobenzidine	12.811	252	162386	690.55 ug/L	99
82) Chrysene	12.865	228	640987	1078.01 ug/L	97
83) bis(2-Ethylhexyl)phtha...	12.913	149	296749	663.84 ug/L	97
85) Di-n-octylphthalate	13.688	149	304916	819.82 ug/L	100
86) Benzo(b)fluoranthene	14.132	252	513311	1236.39 ug/l	98
87) Benzo(k)fluoranthene	14.170	252	351120	816.21 ug/l	99
88) Benzofluoranthenes	14.160	252	1153489	2366.01 ug/L	82
89) Benzo(a)pyrene	14.603	252	360054	1092.24 ug/L	99
90) Indeno(1,2,3-cd)pyrene	16.298	276	229156	1066.34 ug/L	83
91) Dibenz(a,h)anthracene	16.338	278	200671	842.93 ug/L	96
92) Benzo(g,h,i)perylene	16.675	276	364954	1170.99 ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008780.D Vial: 12
Sample : 1000 ug/l 8270 ocs std no 1281-43-1
Misc :
Acq On : 4 Apr 2007 20:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 08:17:36 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



Evaluate Continuing Calibration Report

Data File : G:\DATA\040407_a\ak008780.D Vial: 12
Sample : 1000 ug/l 8270 ocs std no 1281-43-1
Misc :
Acq On : 4 Apr 2007 20:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 08:17:36 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (I)	1000.000	1000.000	0.0	90	0.00
2	T	N-Nitrosodimethylamine	5000.000	883.334	82.3#	14	0.00
3	T	Pyridine	5000.000	930.650	81.4#	15	0.00
4	S	2 - Fluorophenol (S)	1000.000	0.000	100.0#	0	-4.66#
5	T	Cyclohexanone	1000.000	1199.872	-20.0	105	0.00
6	T	Aniline	1000.000	996.637	0.3	91	0.00
7	S	Phenol - d5 (S)	1000.000	0.000	100.0#	0	-5.61#
8	TC	Phenol	1000.000	1011.274	-1.1	88	0.01
9	T	bis(2-Chloroethyl)ether	1000.000	990.889	0.9	88	0.01
10	T	2-Chlorophenol	1000.000	1089.222	-8.9	98	0.00
11	T	Decane	1000.000	886.782	11.3	80	0.00
12	T	1,3-Dichlorobenzene	1000.000	1050.922	-5.1	96	0.00
13	TC	1,4-Dichlorobenzene	1000.000	1042.721	-4.3	95	0.00
14	T	Benzyl alcohol	1000.000	1003.949	-0.4	90	0.00
15	T	1,2-Dichlorobenzene	1000.000	1034.181	-3.4	93	0.00
16	T	2-Methylphenol	1000.000	1081.431	-8.1	97	0.01
17	T	bis(2-chloroisopropyl)ether	1000.000	901.775	9.8	84	0.00
18	T	3-&4-Methylphenol	1000.000	2108.208	-110.8#	193	0.01
19	TP	n-Nitroso-di-n-propylamine	1000.000	916.147	8.4	81	0.00
20	T	Hexachloroethane	1000.000	1027.964	-2.8	94	-0.02
21	I	Naphthalene - d8 (I)	1000.000	1000.000	0.0	89	0.00
22	S	Nitrobenzene - d5 (S)	1000.000	53.046	94.7#	5	0.01
23	T	Nitrobenzene	1000.000	934.786	6.5	83	0.01
24	T	Isophorone	1000.000	983.216	1.7	90	0.00
25	TC	2-Nitrophenol	1000.000	1082.258	-8.2	98	0.00
26	T	2,4-Dimethylphenol	1000.000	1055.609	-5.6	95	0.00
27	T	bis(2-Chloroethoxy)methane	1000.000	998.058	0.2	88	0.00
28	T	Benzoic Acid	5000.000	1546.482	69.1#	19	-0.03
29	TC	2,4-Dichlorophenol	1000.000	1113.793	-11.4	101	0.00
30	T	1,2,4-Trichlorobenzene	1000.000	1044.856	-4.5	95	0.00
31	T	Naphthalene	1000.000	1045.483	-4.5	94	0.00
32	T	4-Chloroaniline	1000.000	1117.413	-11.7	97	0.00
33	TC	Hexachlorobutadiene	1000.000	1060.324	-6.0	95	-0.02
34	TC	4-Chloro-3-methylphenol	1000.000	1077.285	-7.7	95	-0.02
35	T	2-Methylnaphthalene	1000.000	1109.521	-11.0	99	0.00
36	T	1-Methylnaphthalene	1000.000	1129.733	-13.0	99	0.00
37	I	Acenaphthene - d10 (I)	1000.000	1000.000	0.0	92	0.00
38	TP	Hexachlorocyclopentadiene	1000.000	763.000	23.7#	66	0.00
39	T	2,3-Dichloroaniline	1000.000	961.919	3.8	89	0.01
40	TC	2,4,6-Trichlorophenol	1000.000	1107.669	-10.8	102	0.00
41	T	2,4,5-Trichlorophenol	1000.000	1157.047	-15.7	107	0.00
42	S	2 - Fluorobiphenyl (S)	1000.000	0.000	100.0#	0	-7.95#
43	T	2-Chloronaphthalene	1000.000	1086.588	-8.7	100	0.00
44	T	Biphenyl	1000.000	1006.010	-0.6	92	0.00
45	T	2-Nitroaniline	1000.000	1077.867	-7.8	102	0.00
46	T	Dimethylphthalate	1000.000	1005.914	-0.6	93	0.00
47	T	Acenaphthylene	1000.000	976.176	2.4	88	0.00

Evaluate Continuing Calibration Report

Data File : G:\DATA\040407_a\ak008780.D Vial: 12
Sample : 1000 ug/l 8270 ocs std no 1281-43-1
Misc :
Acq On : 4 Apr 2007 20:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 08:17:36 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	T	2,6-Dinitrotoluene	1000.000	799.420	20.1#	78	0.00
49	T	3-Nitroaniline	1000.000	1299.812	-30.0#	109	0.00
50	TC	Acenaphthene	1000.000	1029.399	-2.9	94	0.00
51	TP	2,4-Dinitrophenol	5000.000	1037.773	79.2#	11	0.00
52	TP	4-Nitrophenol	5000.000	1427.503	71.4#	22	0.00
53	T	Dibenzofuran	1000.000	1083.302	-8.3	99	0.00
54	T	2,4-Dinitrotoluene	1000.000	964.837	3.5	89	0.00
55	T	2,3,4,6-Tetrachlorophenol	1000.000	926.731	7.3	95	0.00
56	T	2,3,5,6-Tetrachlorophenol	1000.000	797.990	20.2#	72	0.00
57	T	Diethylphthalate	1000.000	957.995	4.2	92	0.00
58	T	Fluorene	1000.000	1088.801	-8.9	99	0.00
59	T	4-Chlorophenylphenylether	1000.000	1088.686	-8.9	99	0.00
60	T	4-Nitroaniline	1000.000	1365.567	-36.6#	124	0.00
61	I	Phenanthrene - d10 (I)	1000.000	1000.000	0.0	106	0.00
62	T	4,6-Dinitro-2-methylphenol	5000.000	1126.067	77.5#	16	0.02
63	T	n-Nitrosodiphenylamine	1000.000	782.487	21.8#	83	0.02
64	S	2,4,6 - Tribromophenol (S)	1000.000	0.000	100.0#	0	-9.22#
65	T	Azobenzene	1000.000	913.461	8.7	95	0.00
66	T	4-Bromophenylphenylether	1000.000	992.129	0.8	104	0.00
67	T	Hexachlorobenzene	1000.000	981.745	1.8	105	-0.01
68	TC	Pentachlorophenol	1000.000	944.565	5.5	100	0.00
69	T	Phenanthrene	1000.000	1053.493	-5.3	111	0.00
70	T	Anthracene	1000.000	1077.826	-7.8	112	0.00
71	T	Octadecane	1000.000	819.723	18.0	85	0.00
72	T	Carbazole	1000.000	1314.151	-31.4#	129	0.00
73	T	Di-n-butylphthalate	1000.000	834.730	16.5	94	0.00
74	TC	Fluoranthene	1000.000	1148.858	-14.9	124	0.00
75	T	Pyrene	1000.000	1236.626	-23.7#	130	0.00
76	T	Benzidine	5000.000	16089.836	-221.8#	165	0.00
77	S	p - Terphenyl - d14 (S)	1000.000	0.000	100.0#	0	-11.64#
78	I	Chrysene - d12 (I)	1000.000	1000.000	0.0	169	0.00
79	T	Butylbenzylphthalate	1000.000	663.992	33.6#	114	0.00
80	T	Benzo(a)anthracene	1000.000	1008.892	-0.9	174	0.00
81	T	3,3'-Dichlorobenzidine	1000.000	690.549	30.9#	97	-0.06
82	T	Chrysene	1000.000	1078.010	-7.8	179	0.00
83	T	bis(2-Ethylhexyl)phthalate	1000.000	663.843	33.6#	116	-0.07
84	I	Perylene - d12 (I)	1000.000	1000.000	0.0	175	0.00
85	TC	Di-n-octylphthalate	1000.000	819.820	18.0	131	0.01
86	T	Benzo(b)fluoranthene	1000.000	1236.389	-23.6#	207	0.00
87	T	Benzo(k)fluoranthene	1000.000	816.205	18.4	138	0.00
88	T	Benzofluoranthenes	2000.000	2366.015	-18.3	221	-0.04
89	TC	Benzo(a)pyrene	1000.000	1092.242	-9.2	189	0.00
90	T	Indeno(1,2,3-cd)pyrene	1000.000	1066.335	-6.6	221	0.00
91	T	Dibenz(a,h)anthracene	1000.000	842.934	15.7	161	0.00
92	T	Benzo(g,h,i)perylene	1000.000	1170.986	-17.1	217	0.00

Evaluate Continuing Calibration Report

Data File : G:\DATA\040407_a\ak008780.D Vial: 12
Sample : 1000 ug/l 8270 ocs std no 1281-43-1
Misc :
Acq On : 4 Apr 2007 20:23 Operator: CLZ
InstName : sea040

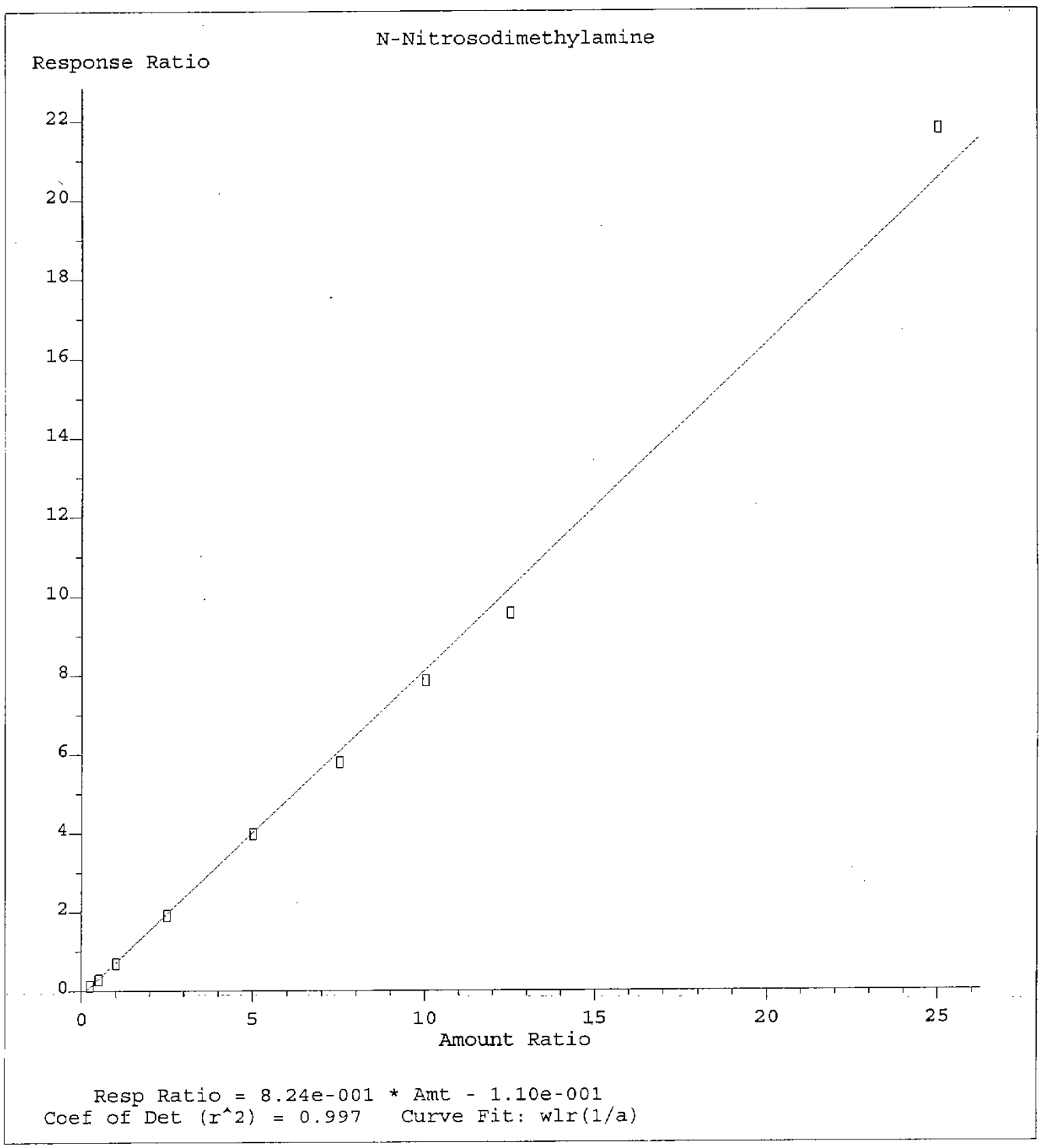
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 08:17:36 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

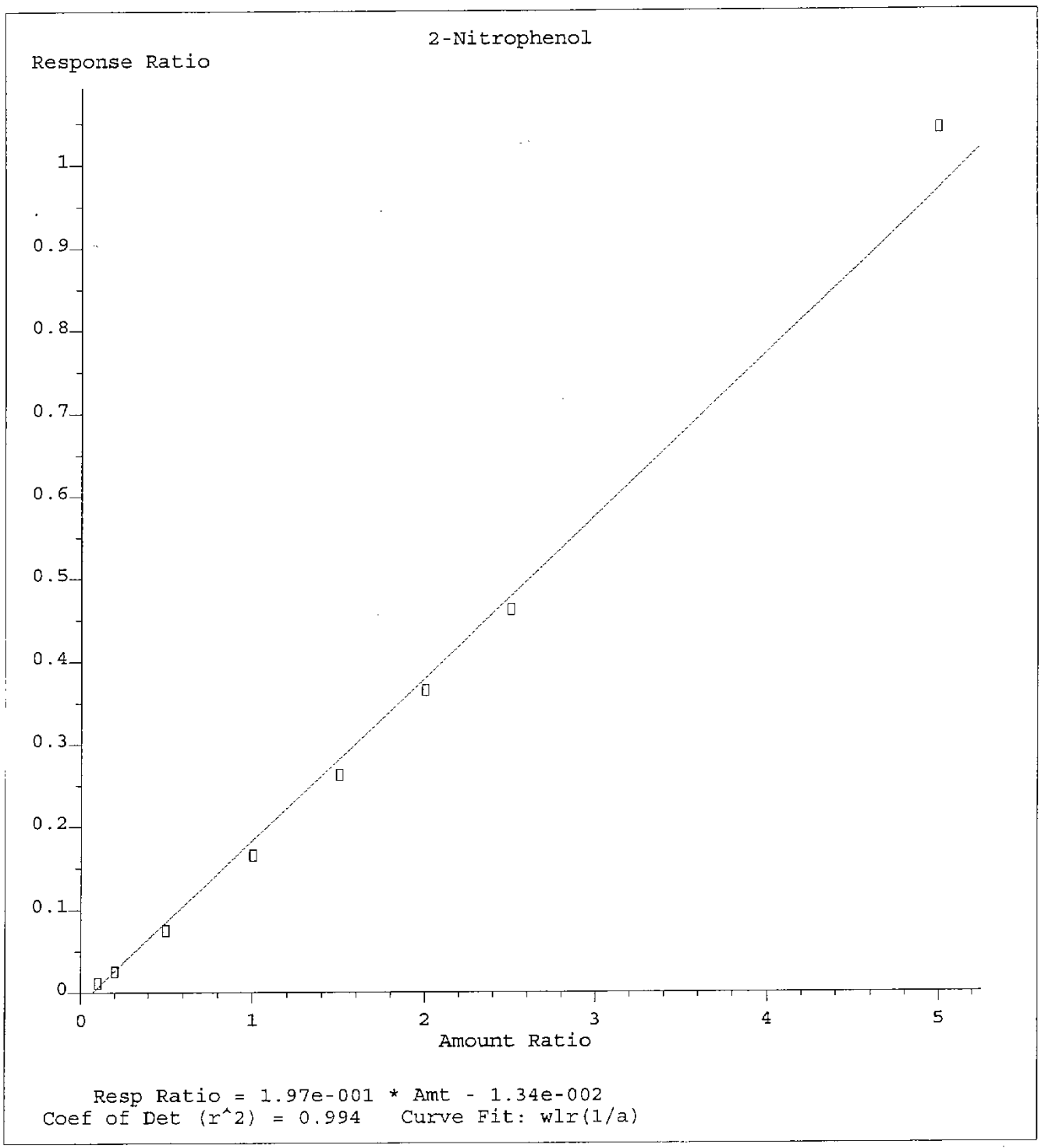
Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

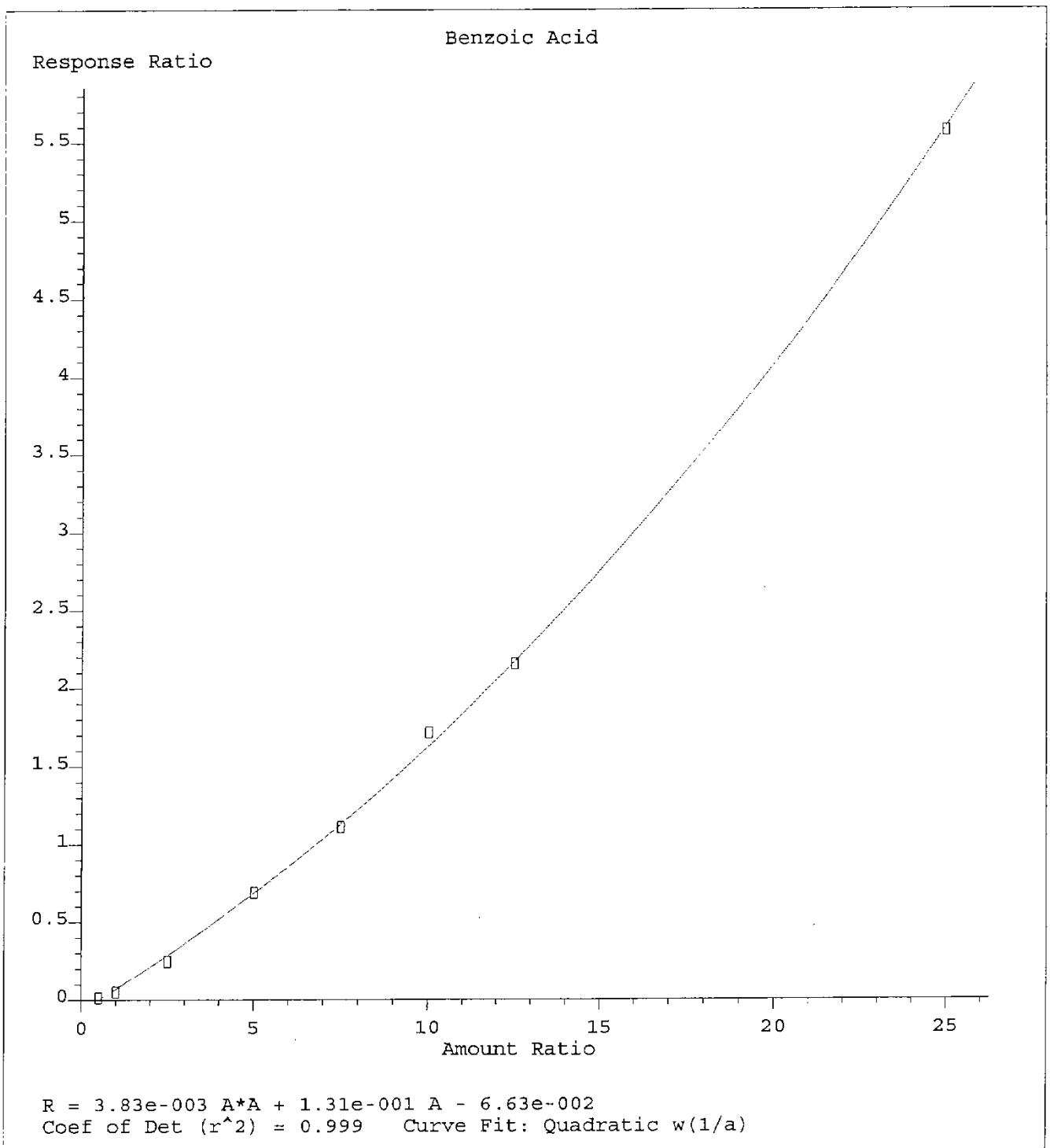
004354



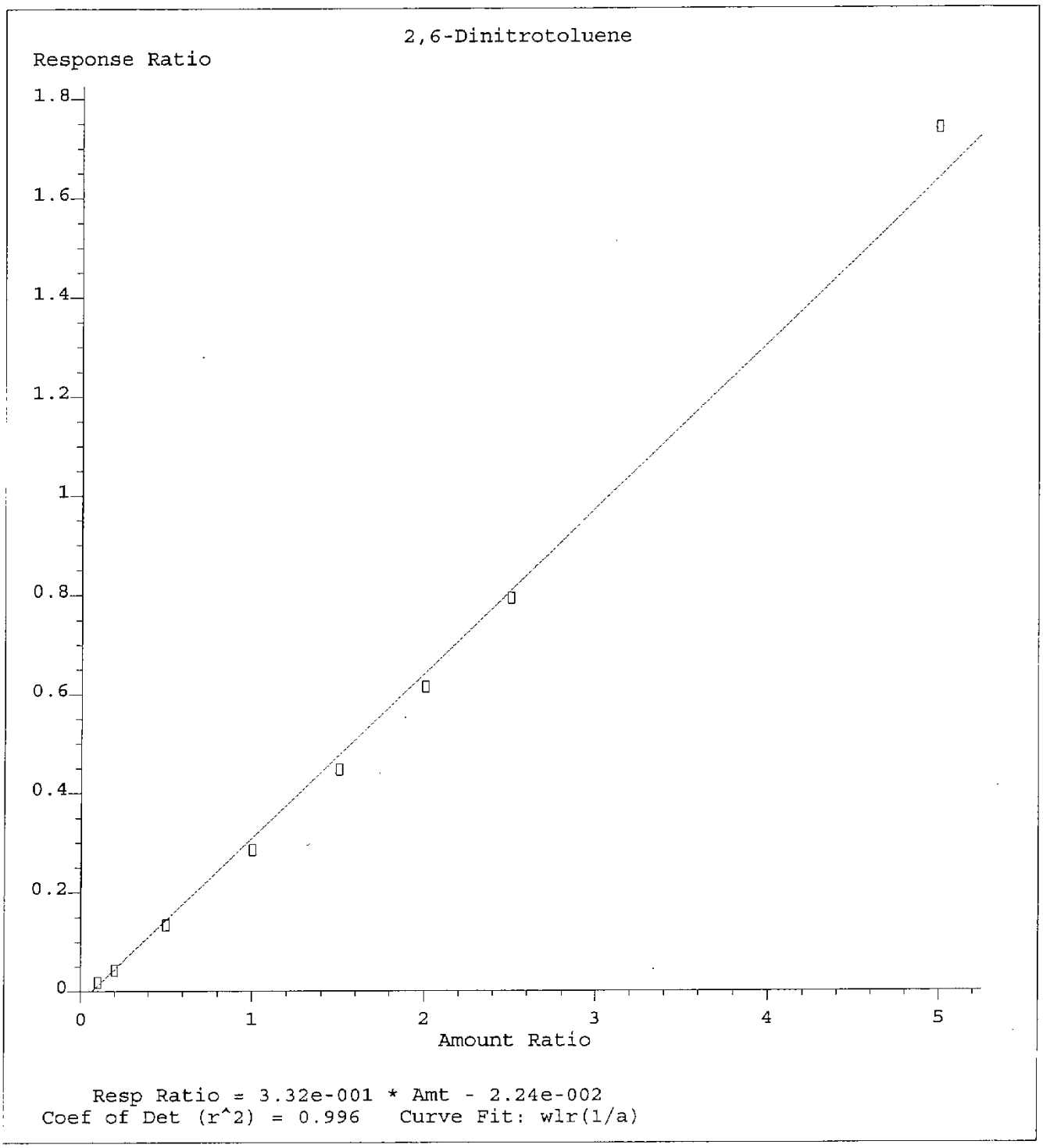
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:18:48 2007



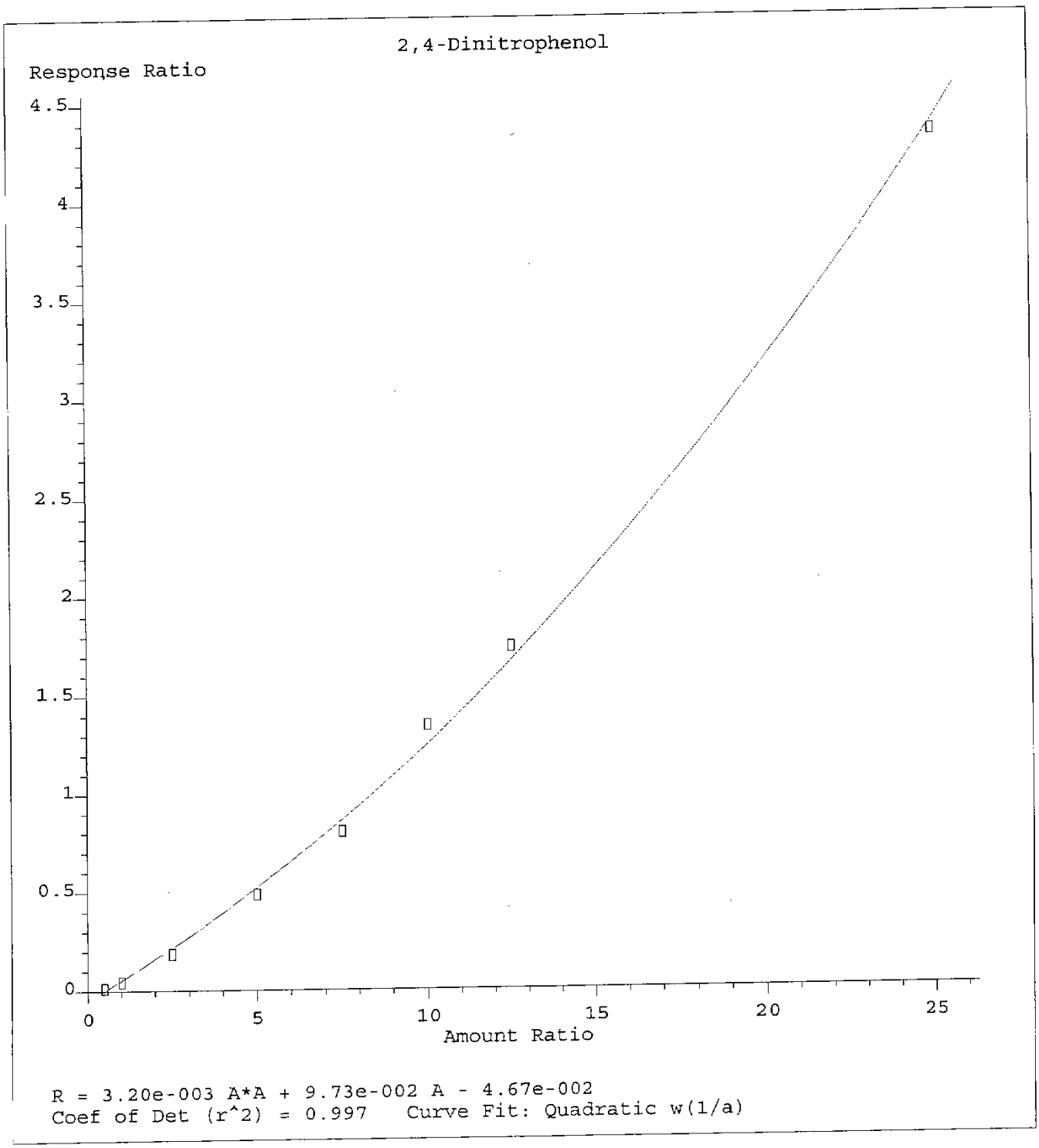
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:23:17 2007



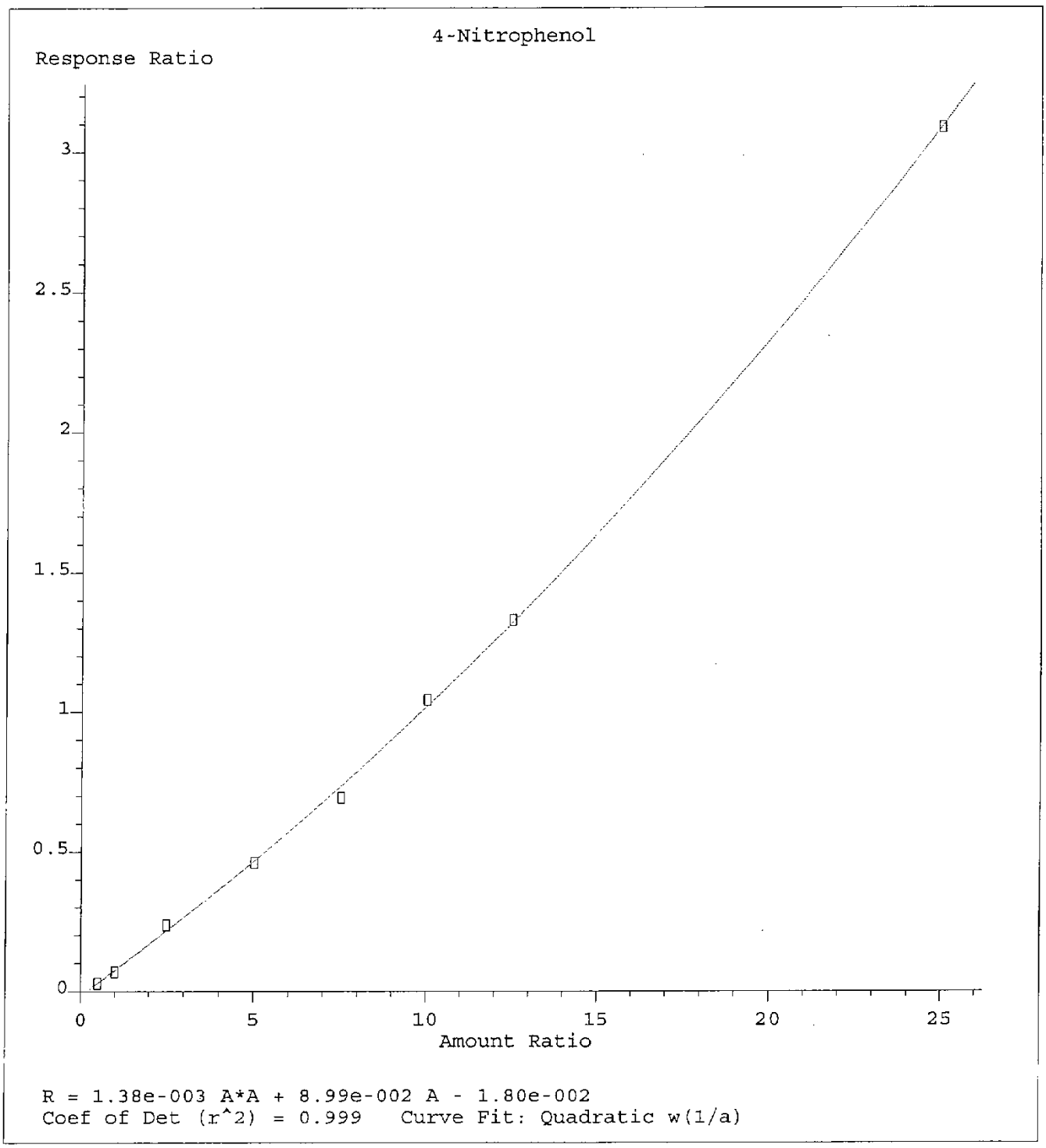
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:23:34 2007



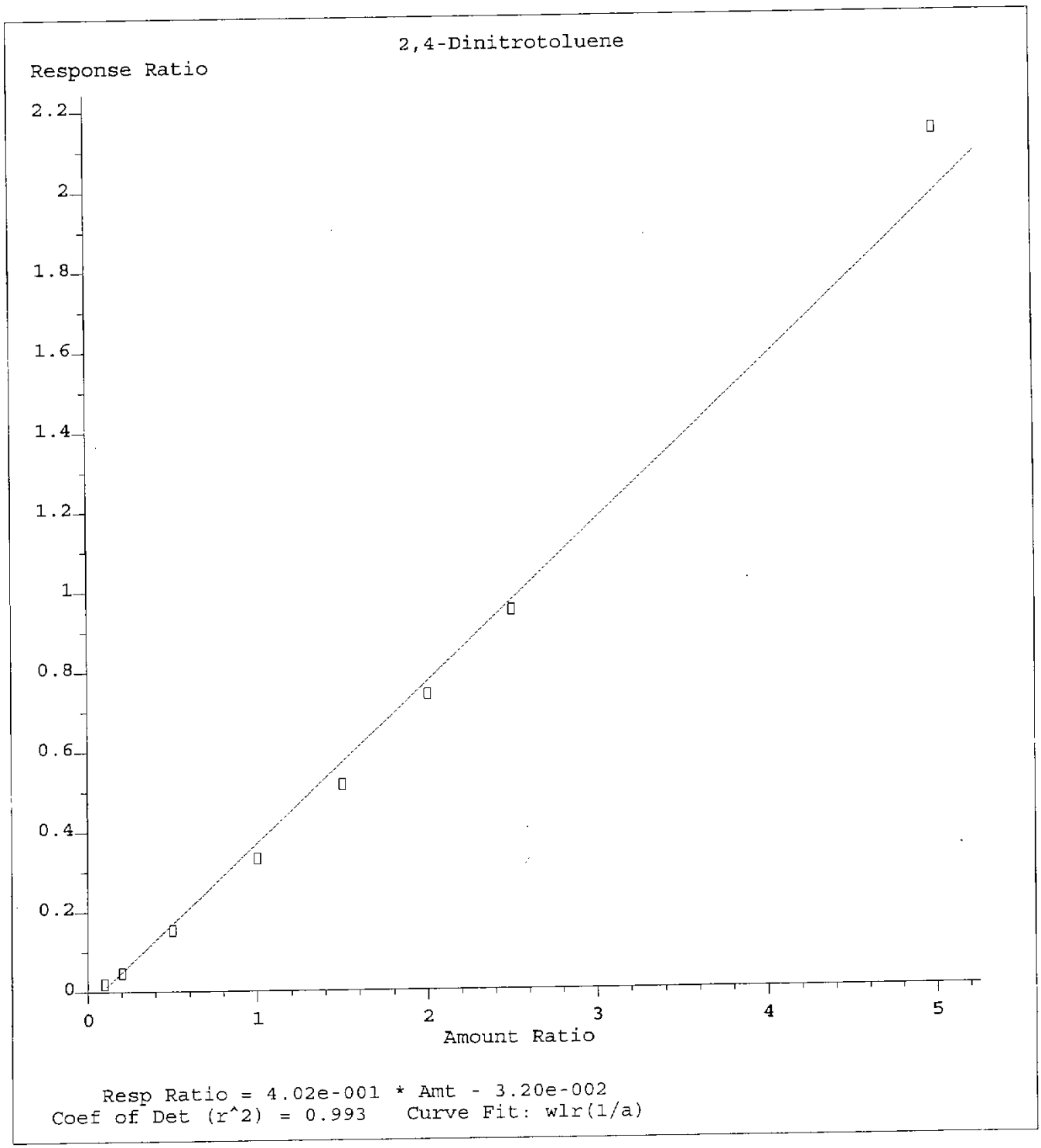
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:25:12 2007



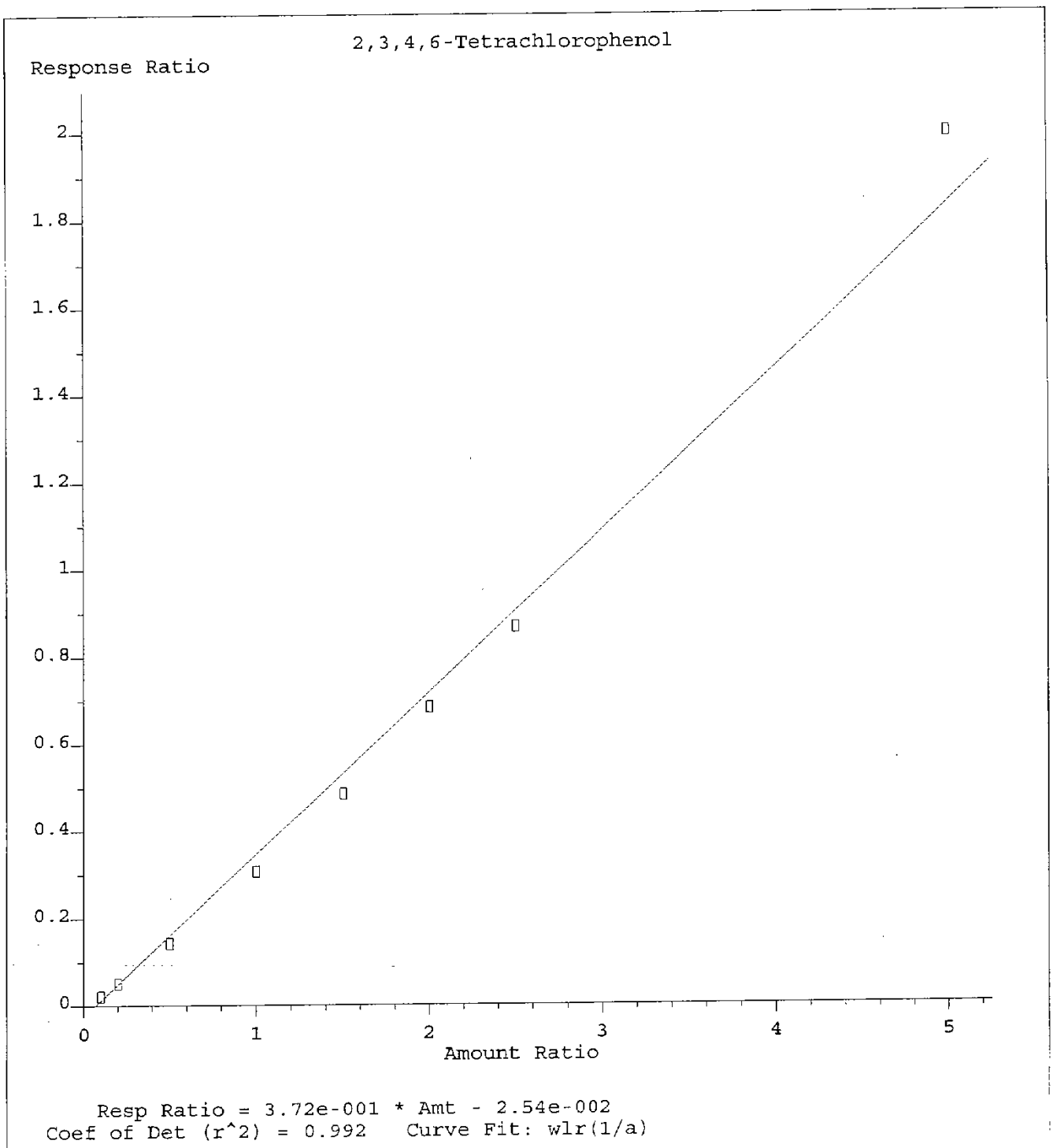
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:25:12 2007



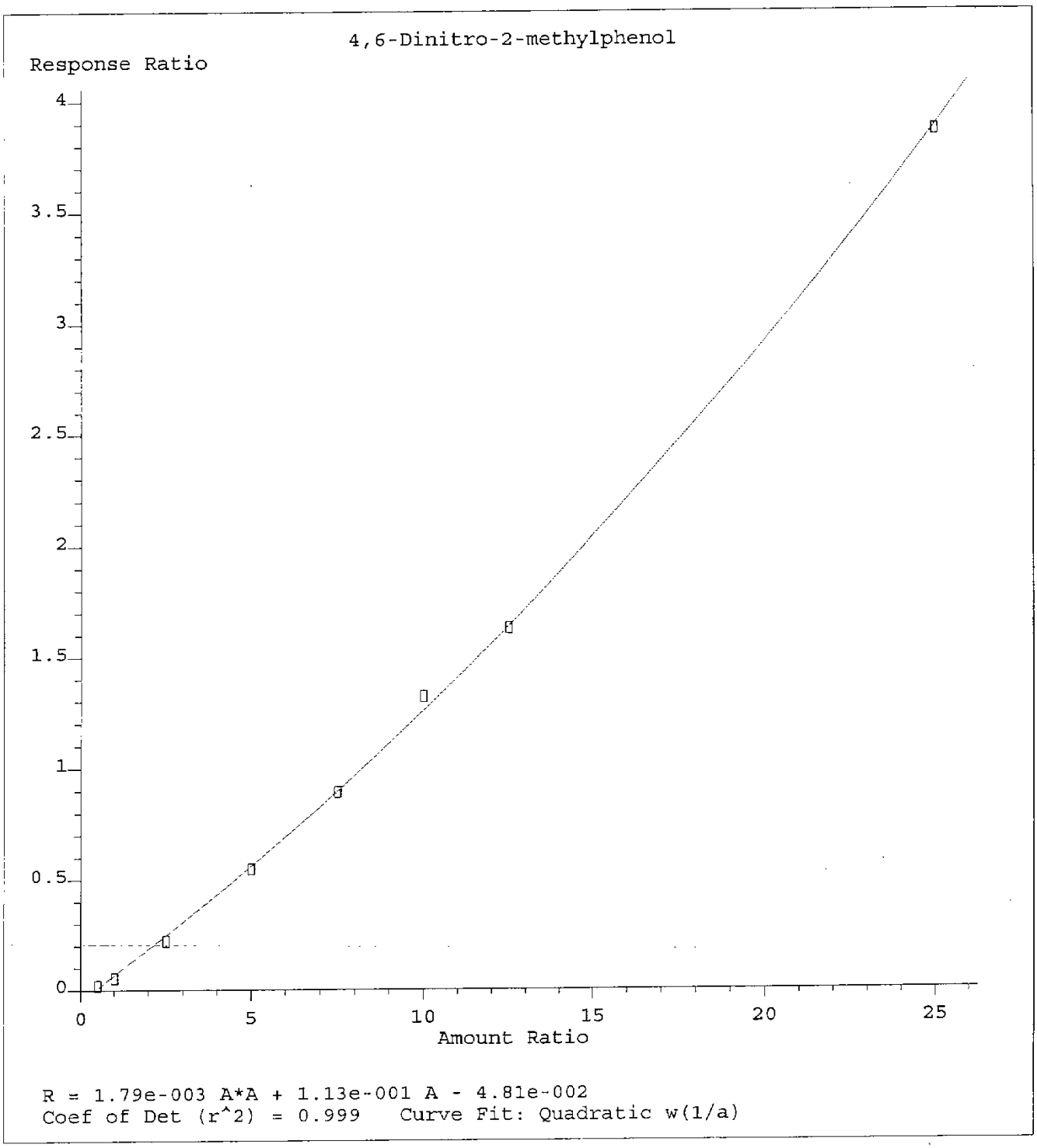
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:26:31 2007



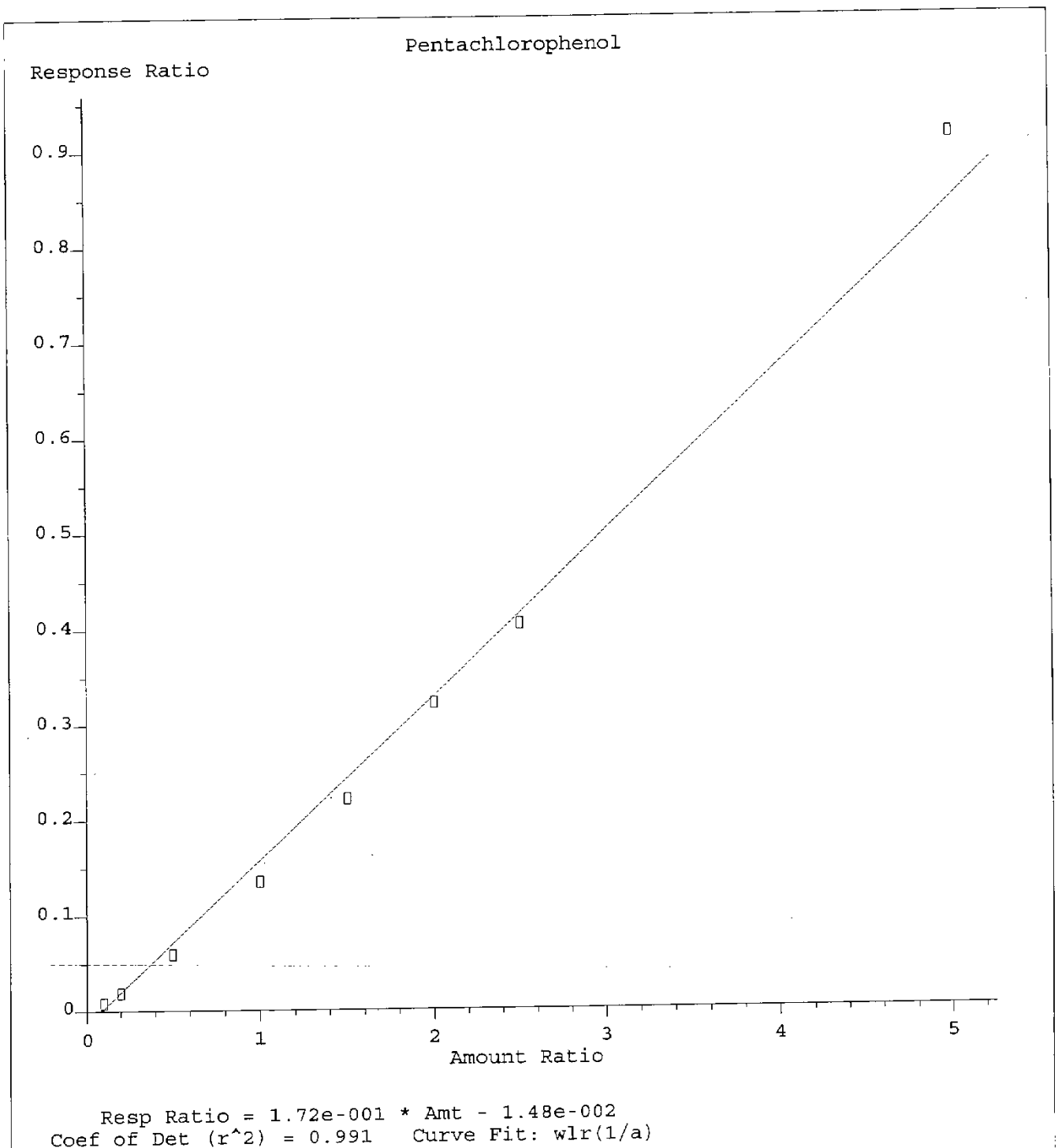
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:26:48 2007



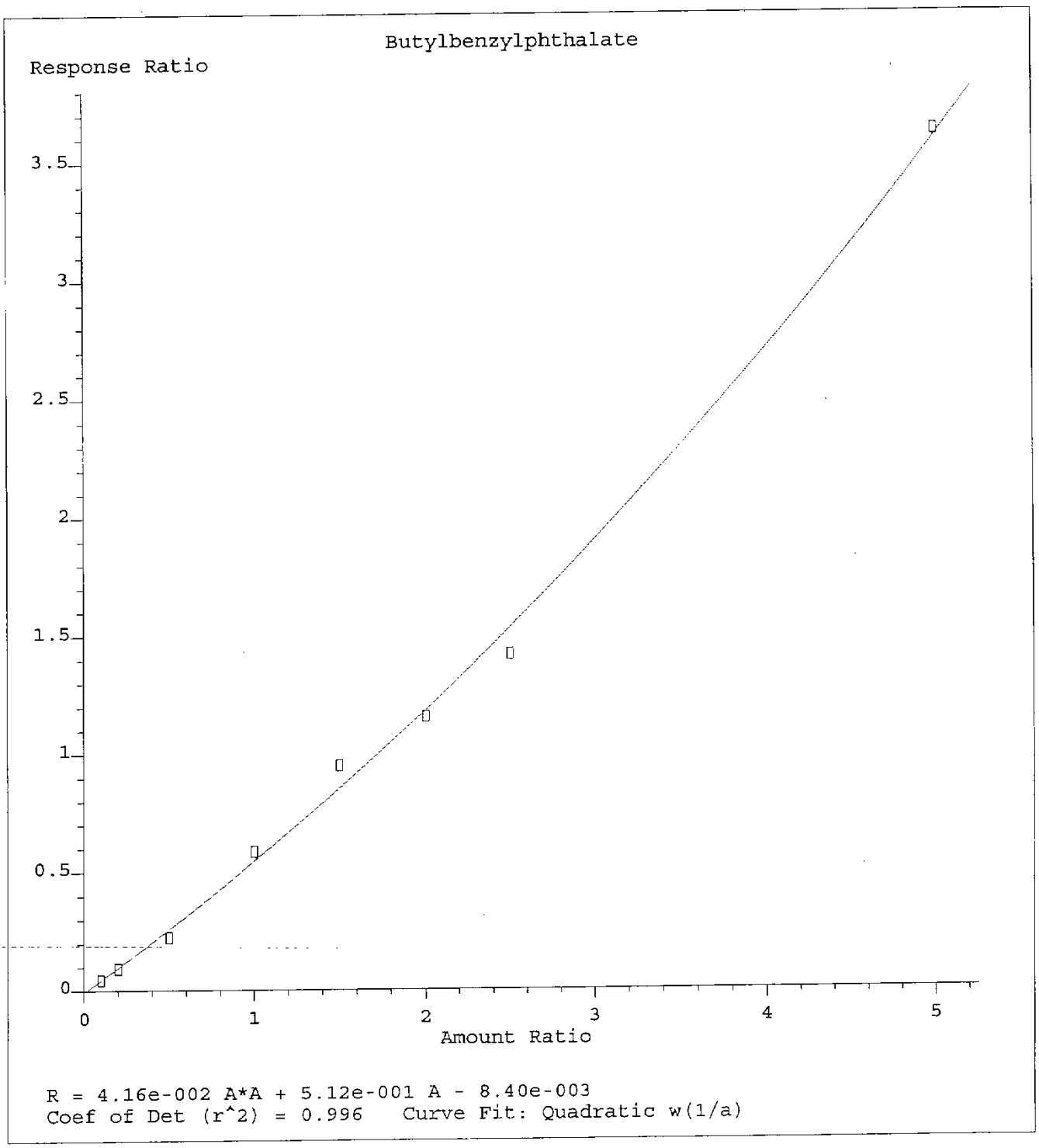
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:27:05 2007



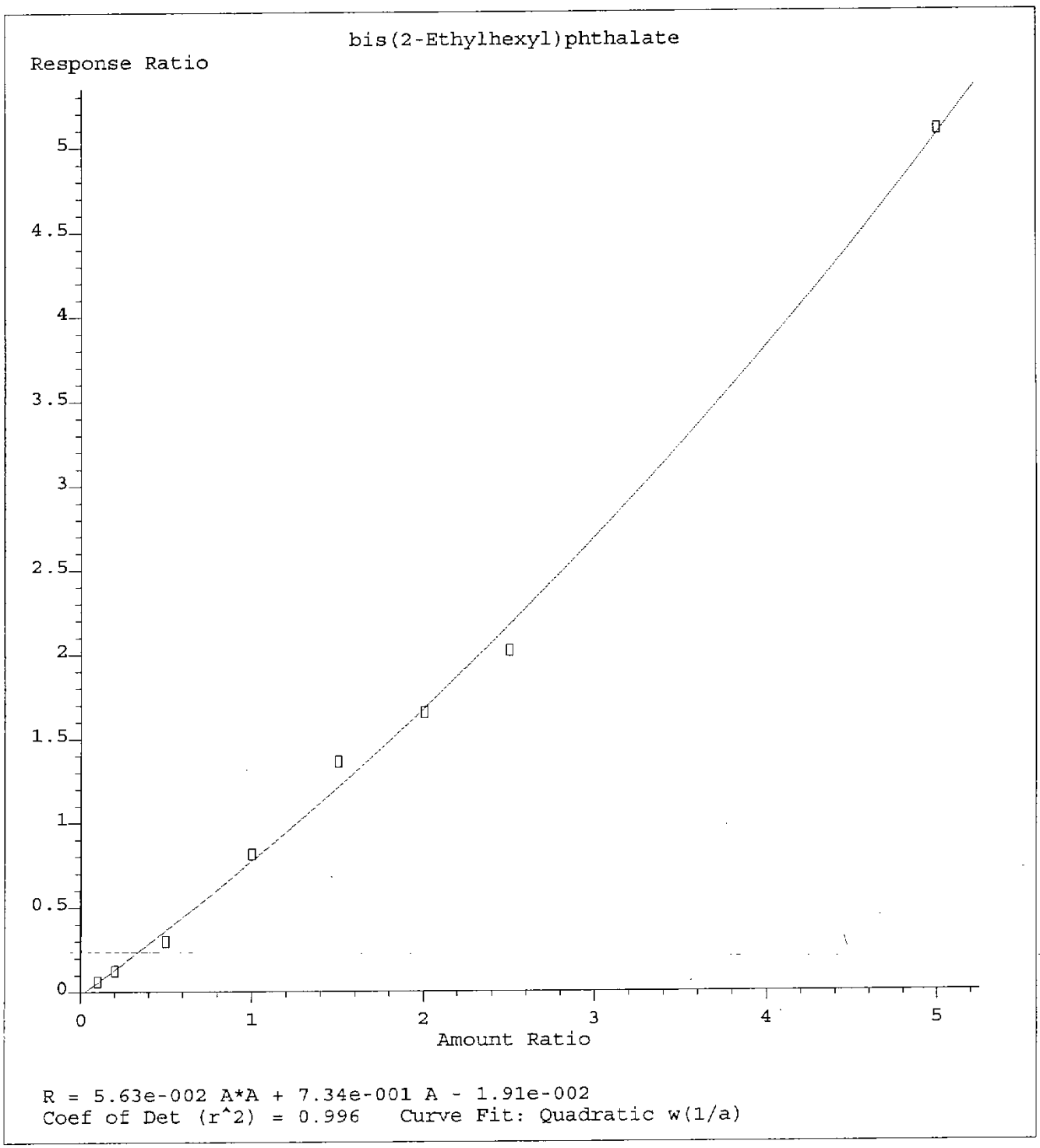
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:27:53 2007



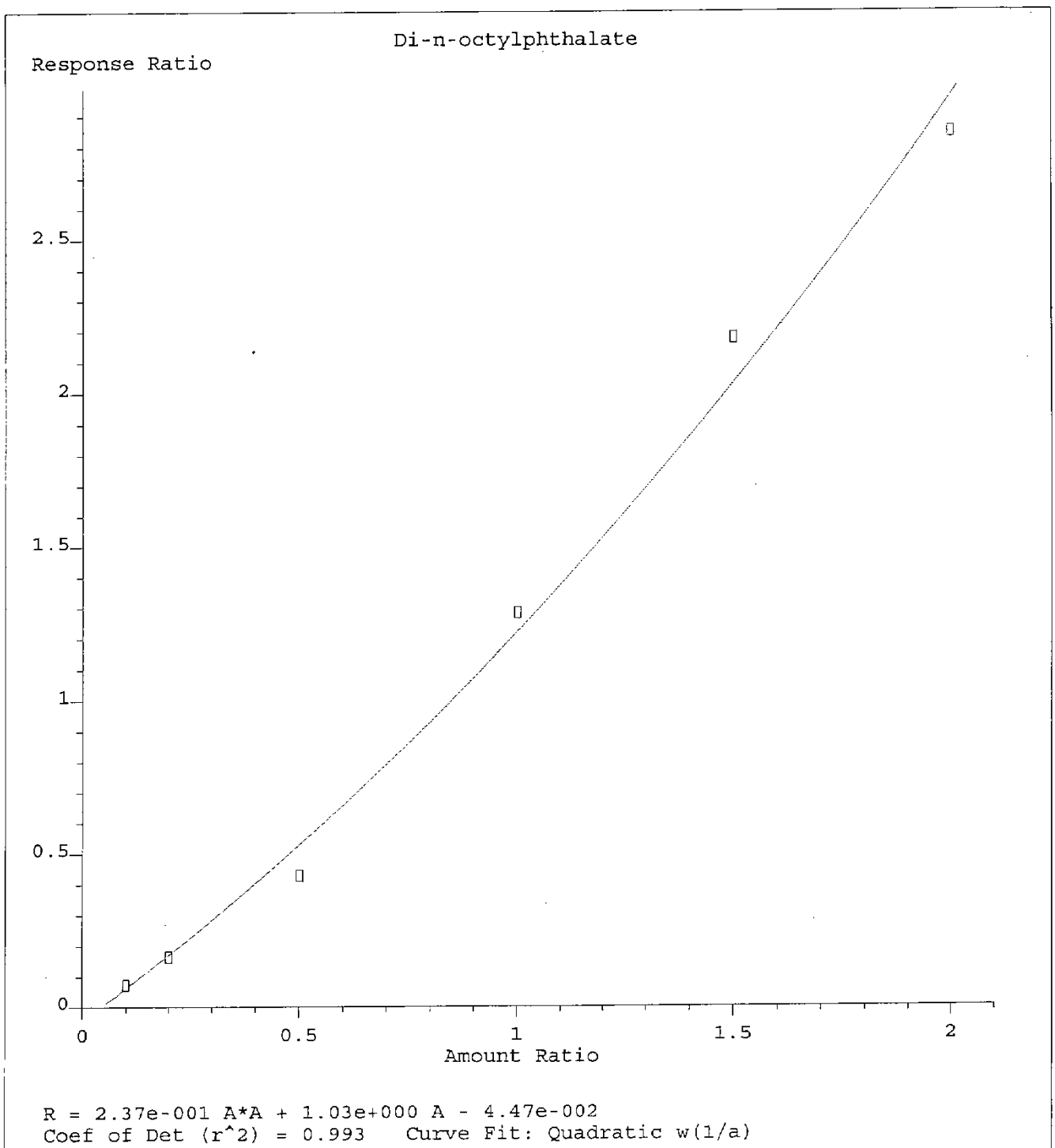
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:28:11 2007



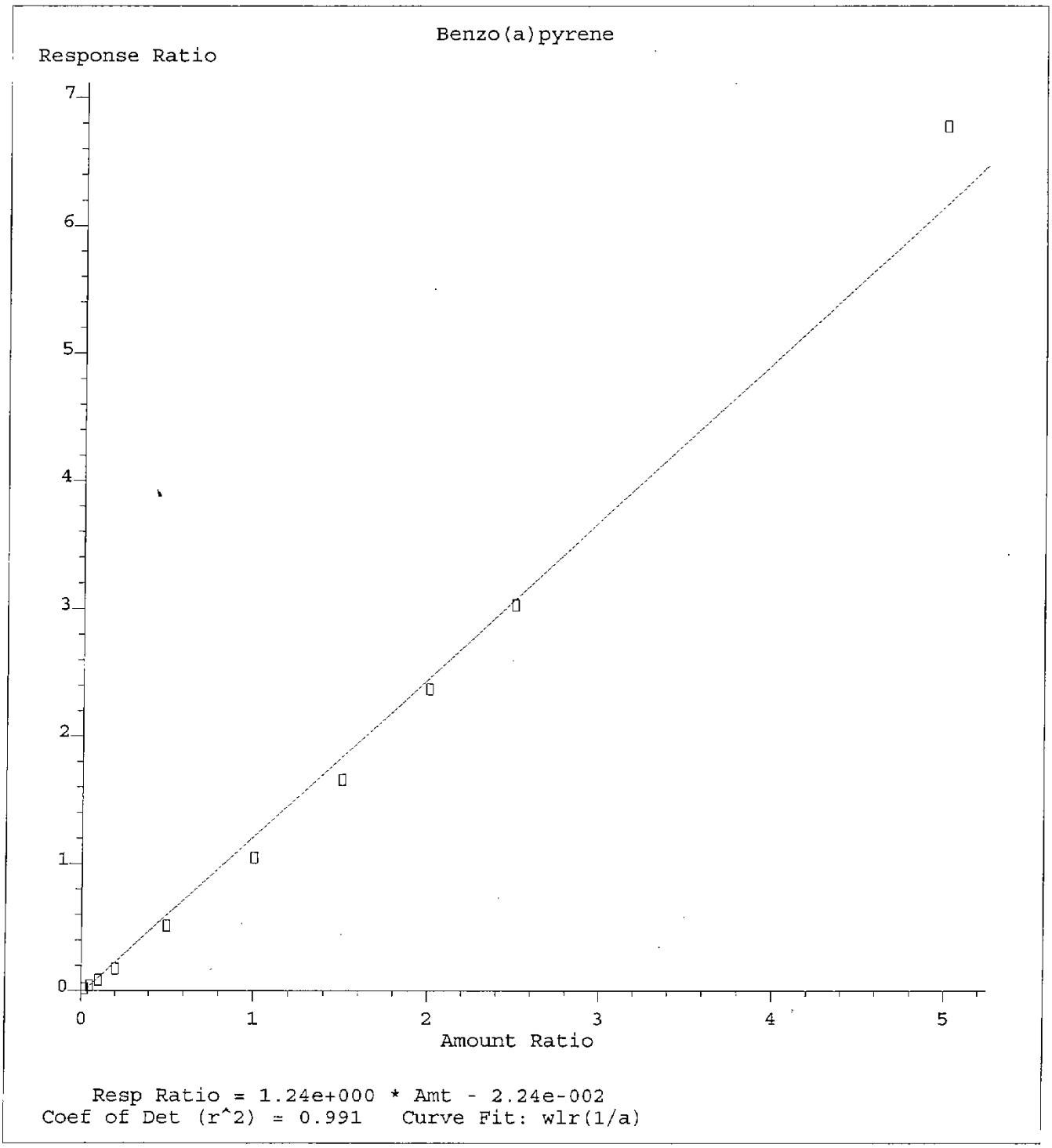
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:29:06 2007



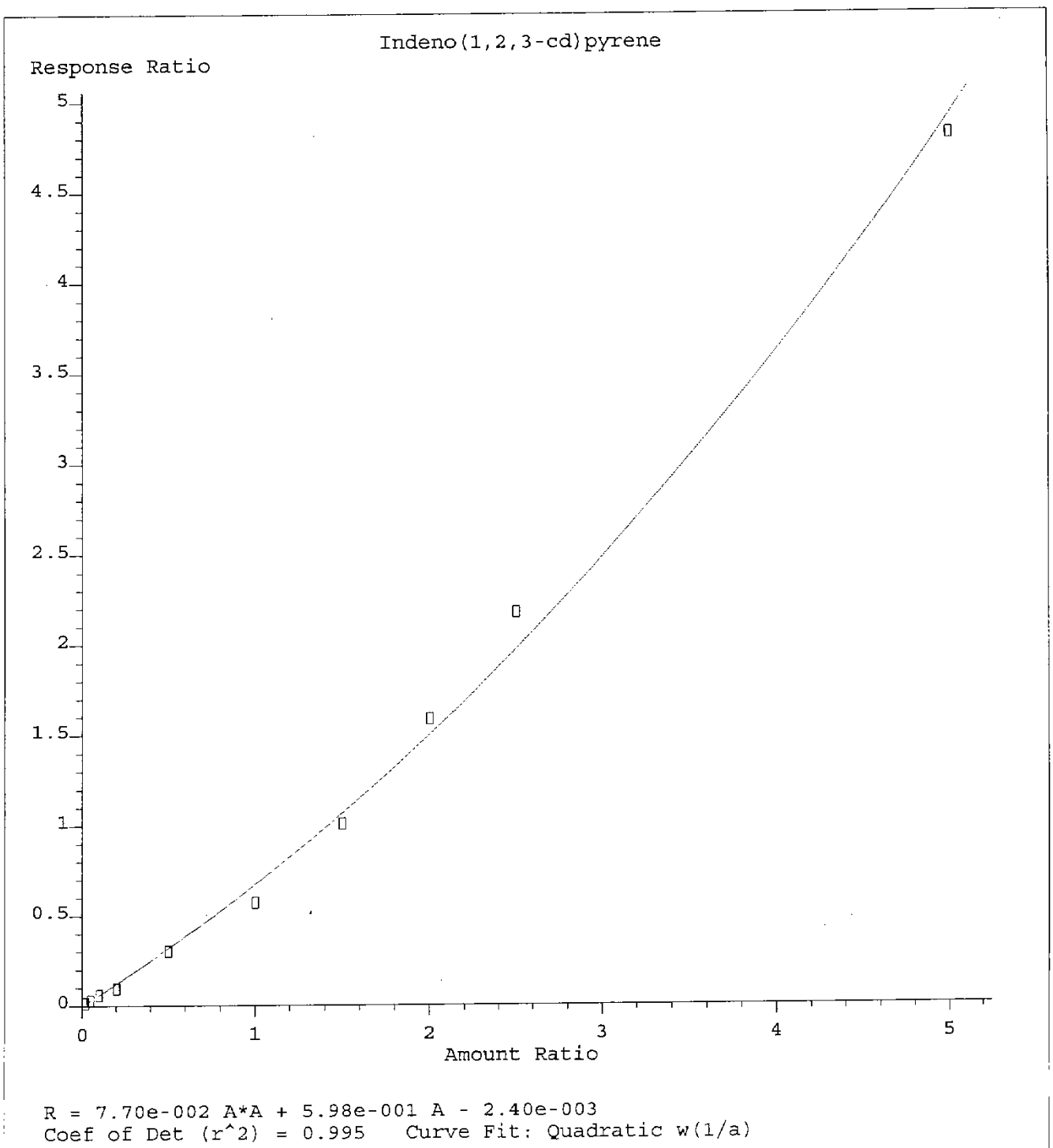
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:29:49 2007



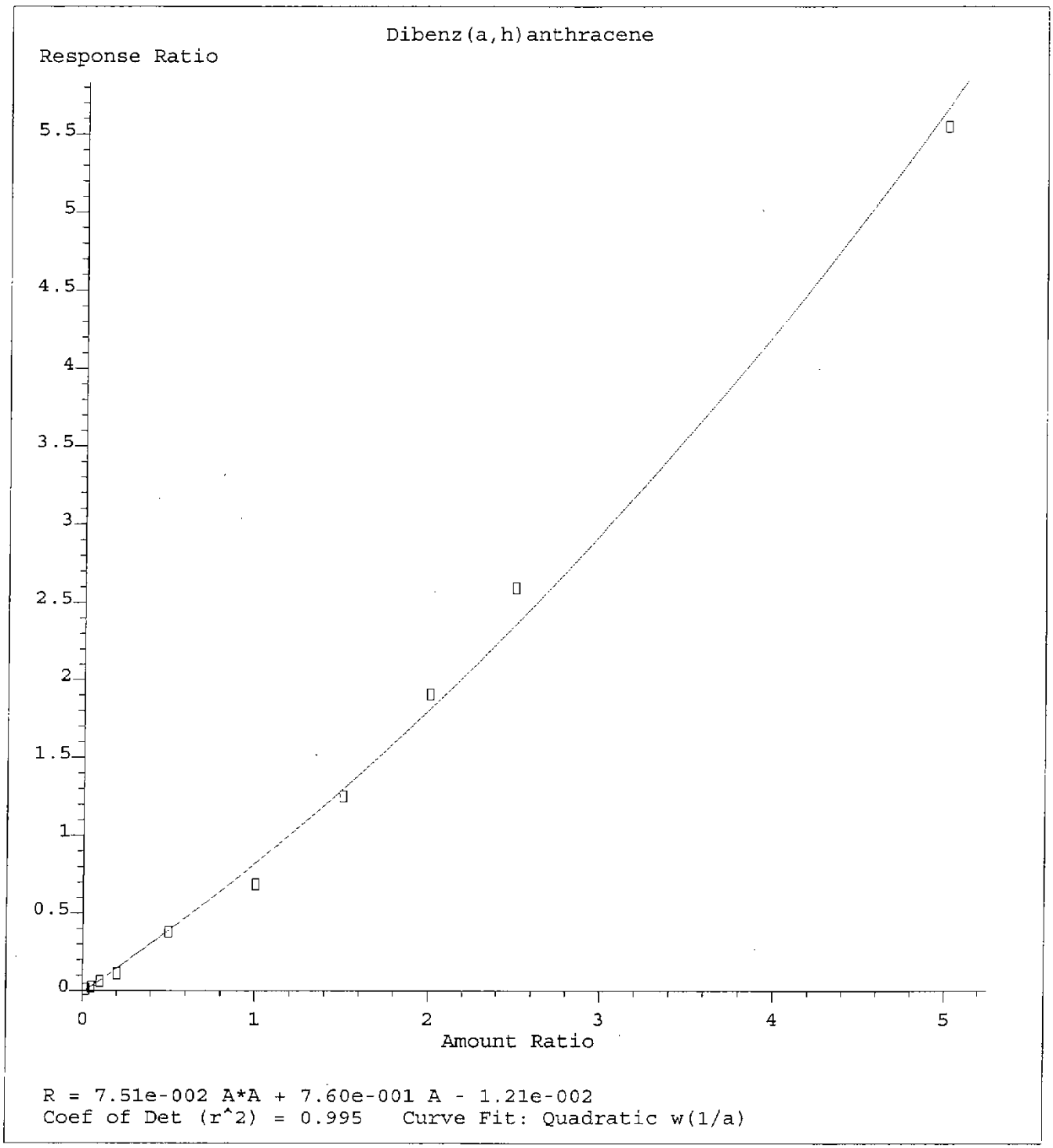
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:30:17 2007



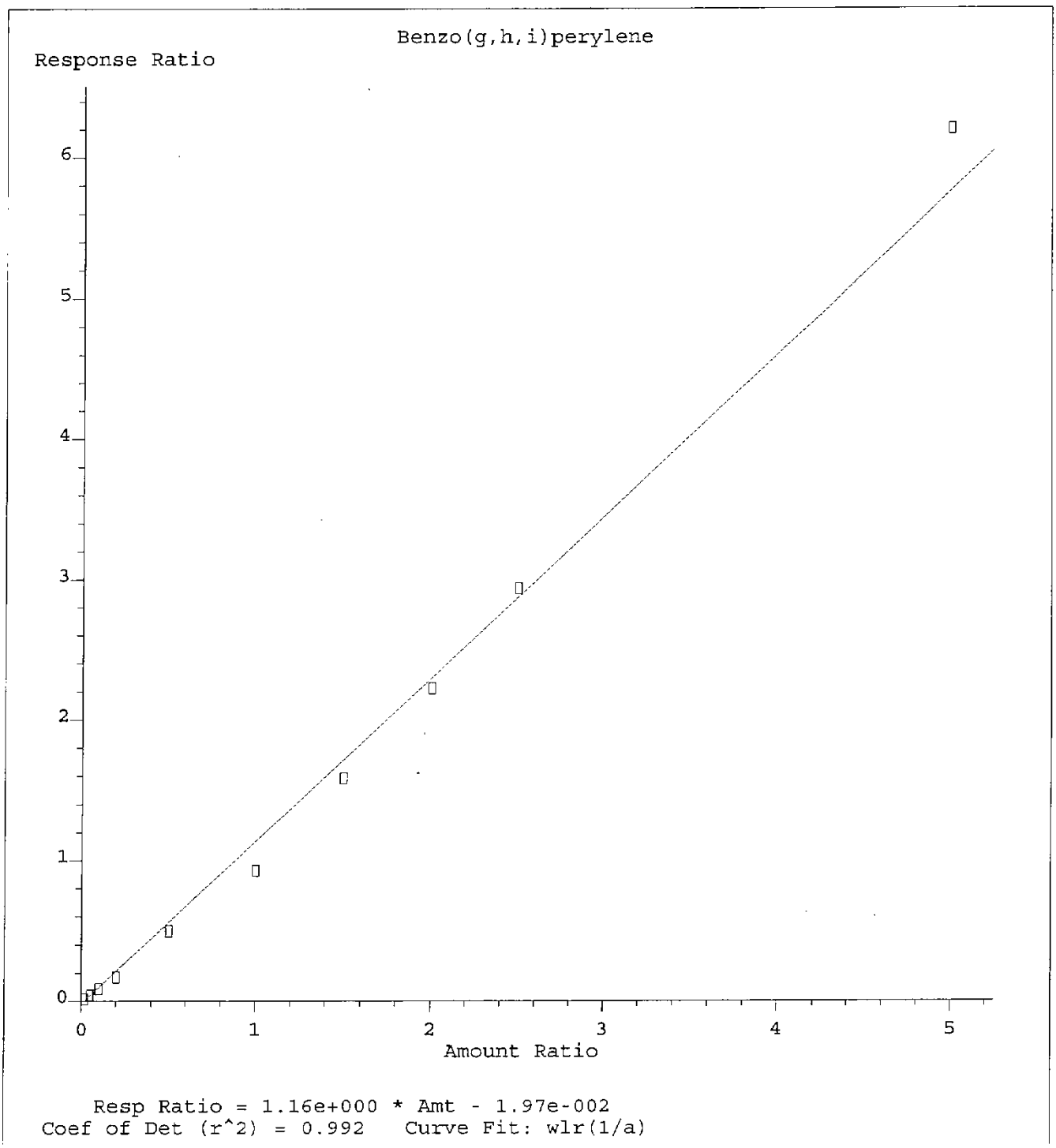
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:31:18 2007



Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:31:35 2007



Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:31:50 2007



Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:32:06 2007

CONTINUING CALIBRATION

Sequence Log

Directory : g:\DATA\040407_a

#	Filename	Sample Name	Date/Time
1	ak008781.d	dftpp	04/04/07 20:45
2	ak008782.d	1000 ug/l 8270 ccal std no 1281-42-6	04/04/07 21:02
3	ak008783.d	580-5371-C-25-A 1:100	04/04/07 21:29
4	ak008784.d	580-5371-C-45-A 1:500	04/04/07 21:56
5	ak008785.d	580-5371-C-46-A 1:500	04/04/07 22:23
6	ak008786.d	MB 580-17263/1-AA	04/04/07 22:51
7	ak008787.d	LCS 580-17263/2-AA	04/04/07 23:18
8	ak008788.d	LCSD 580-17263/3-AA	04/04/07 23:46
9	ak008789.d	580-5385-B-11-I	04/05/07 00:13
10	ak008790.d	580-5385-B-12-D	04/05/07 00:40
11	ak008791.d	580-5404-A-13-D	04/05/07 01:08
12	ak008792.d	580-5404-A-14-D	04/05/07 01:35

Data File : G:\DATA\040407_a\ak008782.D Vial: 7
Sample : 1000 ug/l 8270 ccal std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 21:02 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:07:28 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	189613	1000.00	ug/L	0.04
21) Naphthalene - d8 (I)	7.077	136	733109	1000.00	ug/L	0.04
37) Acenaphthene - d10 (I)	8.559	162	368774	1000.00	ug/L	0.04
61) Phenanthrene - d10 (I)	9.944	188	561794	1000.00	ug/L	0.05
78) Chrysene - d12 (I)	12.891	240	339557	1000.00	ug/l	0.06
84) Perylene - d12 (I)	14.774	264	200109	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.697	112	242686	990.87	ug/L	0.03
7) Phenol - d5 (S)	5.633	99	293938	1009.82	ug/L	0.02
22) Nitrobenzene - d5 (S)	6.462	82	224701	980.19	ug/L	0.05
42) 2 - Fluorobiphenyl (S)	7.986	172	551577	999.72	ug/L	0.04
64) 2,4,6 - Tribromophenol...	9.265	330	83538	993.62	ug/L	0.05
77) p - Terphenyl - d14 (S)	11.682	244	350983	977.14	ug/L	0.05
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	2.996	74	743350	5182.98	ug/L	98
3) Pyridine	2.975	79	1353513	5036.58	ug/L	98
5) Cyclohexanone	4.981	55	134772	969.54	ug/l	97
6) Aniline	5.676	93	355472	988.90	ug/L	96
8) Phenol	5.644	94	314590	1028.76	ug/L	93
9) bis(2-Chloroethyl)ether	6.879	93	294527	982.50	ug/L	95
10) 2-Chlorophenol	5.767	128	271516	1009.15	ug/L	86
11) Decane	5.826	57	247764	957.51	ug/L	97
12) 1,3-Dichlorobenzene	5.911	146	317530	990.50	ug/L	97
13) 1,4-Dichlorobenzene	5.981	146	326112	998.78	ug/L	99
14) Benzyl alcohol	6.098	79	175179	981.26	ug/L	96
15) 1,2-Dichlorobenzene	6.114	146	306303	1004.63	ug/L	96
16) 2-Methylphenol	6.195	108	239355	997.84	ug/L	98
17) bis(2-chloroisopropyl)...	6.221	45	284160	932.30	ug/L	97
18) 3-&4-Methylphenol	6.328	108	246082	1001.62	ug/L	100
19) n-Nitroso-di-n-propyla...	6.339	70	159120	966.90	ug/L	99
20) Hexachloroethane	6.414	201	105784	987.02	ug/L	90
23) Nitrobenzene	6.478	77	246713	976.46	ug/L	96
24) Isophorone	6.687	82	403169	938.40	ug/L	98
25) 2-Nitrophenol	6.751	139	123879	1009.14	ug/L	92
26) 2,4-Dimethylphenol	6.788	107	238390	994.89	ug/L	91
27) bis(2-Chloroethoxy)met...	6.879	93	294527	977.76	ug/L	94
28) Benzoic Acid	6.853	105	460505	4671.23	ug/L	82
29) 2,4-Dichlorophenol	6.954	162	207895	990.45	ug/L	96
30) 1,2,4-Trichlorobenzene	7.029	180	251529	987.35	ug/L	97
31) Naphthalene	7.093	128	819843	983.55	ug/L	99
32) 4-Chloroaniline	7.141	127	291135	1055.21	ug/l	99
33) Hexachlorobutadiene	7.200	225	144718	978.39	ug/L	98
34) 4-Chloro-3-methylphenol	7.543	107	187455	996.79	ug/L	94
35) 2-Methylnaphthalene	7.682	141	421689	1006.87	ug/L	98
36) 1-Methylnaphthalene	7.762	141	452424	1011.15	ug/l	99
38) Hexachlorocyclopentadiene	7.810	237	121406	980.61	ug/L	100
39) 2,3-Dichloroaniline	7.917	161	252443	1004.51	ug/L	99
40) 2,4,6-Trichlorophenol	7.912	196	144136	1023.03	ug/L	58
41) 2,4,5-Trichlorophenol	7.938	196	153765	1032.34	ug/L	98
43) 2-Chloronaphthalene	8.088	162	478793	1012.74	ug/L	98
44) Biphenyl	8.072	154	617646	1002.96	ug/L	99

Data File : G:\DATA\040407_a\ak008782.D Vial: 7
Sample : 1000 ug/l 8270 ccal std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 21:02 Operator: CLZ
InstName : sea040

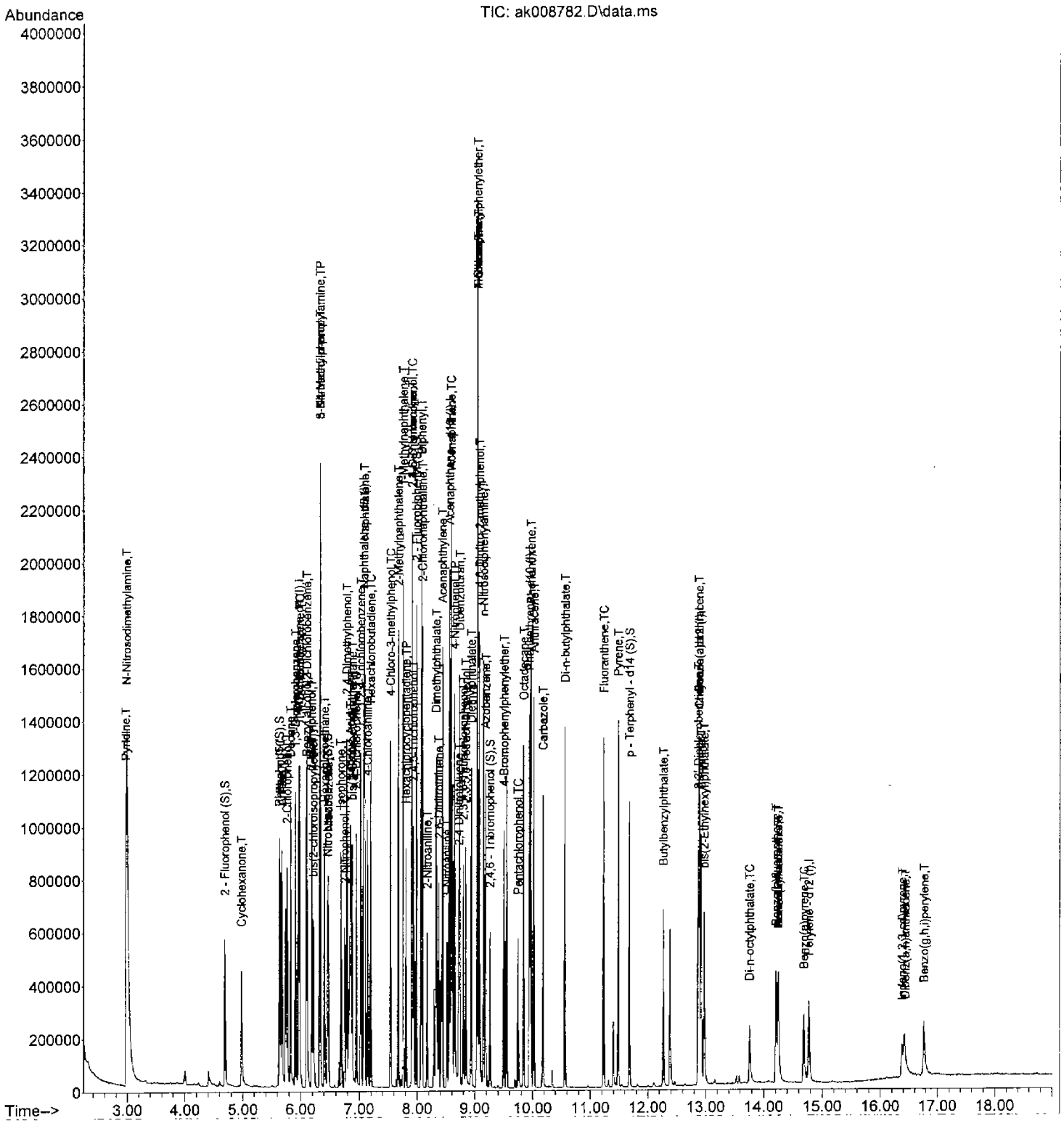
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:07:28 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 2-Nitroaniline	8.174	138	114592	995.45	ug/L	93
46) Dimethylphthalate	8.329	163	491760	1004.09	ug/L	95
47) Acenaphthylene	8.436	152	749979	1017.88	ug/L	99
48) 2,6-Dinitrotoluene	8.377	165	106554	937.11	ug/L	93
49) 3-Nitroaniline	8.516	138	91511	1156.00	ug/L	95
50) Acenaphthene	8.586	153	490756	1010.33	ug/L	98
52) 4-Nitrophenol	8.650	109	168322	4909.70	ug/L	88
53) Dibenzofuran	8.735	168	652570	1012.47	ug/L	97
54) 2,4-Dinitrotoluene	8.719	165	126505	1020.62	ug/L	96
55) 2,3,4,6-Tetrachlorophenol	8.805	232	118316	931.48	ug/L	96
56) 2,3,5,6-Tetrachlorophenol	8.842	232	122628	1012.19	ug/l	86
57) Diethylphthalate	8.939	149	470278	945.14	ug/L	96
58) Fluorene	9.046	166	499243	1035.08	ug/L	97
59) 4-Chlorophenylphenylether	9.046	204	240433	1006.31	ug/L	99
60) 4-Nitroaniline	9.051	108	47005	1142.82	ug/L	98
62) 4,6-Dinitro-2-methylph...	9.082	198	311102	4956.65	ug/L	87
63) n-Nitrosodiphenylamine	9.152	169	392941	1005.52	ug/l	98
65) Azobenzene	9.190	77	419567	992.08	ug/L	88
66) 4-Bromophenylphenylether	9.505	248	142857	1019.72	ug/L	93
68) Pentachlorophenol	9.746	266	67415	885.56	ug/L	90
69) Phenanthrene	9.965	178	640957	996.46	ug/L	90
70) Anthracene	10.019	178	589846	1027.32	ug/L	99
71) Octadecane	9.842	57	227397	948.62	ug/L	82
72) Carbazole	10.179	167	479411	1100.95	ug/L	88
73) Di-n-butylphthalate	10.565	149	709956	884.93	ug/L	100
74) Fluoranthene	11.233	202	547385	971.72	ug/L	98
75) Pyrene	11.484	202	598924	1001.64	ug/L	97
79) Butylbenzylphthalate	12.271	149	164668	798.10	ug/L	97
80) Benzo(a)anthracene	12.880	228	361564	962.43	ug/L	100
81) 3,3'-Dichlorobenzidine	12.864	252	178075	1241.18	ug/L	100
82) Chrysene	12.918	228	378151	999.66	ug/L	100
83) bis(2-Ethylhexyl)phtha...	12.971	149	238598	821.22	ug/L	100
85) Di-n-octylphthalate	13.758	149	191641	895.72	ug/L	97
86) Benzo(b)fluoranthene	14.207	252	251675	963.91	ug/l	99
87) Benzo(k)fluoranthene	14.250	252	275004	1016.49	ug/l	99
88) Benzofluoranthenes	14.236	252	559824	1832.19	ug/L	81
89) Benzo(a)pyrene	14.688	252	199291	961.30	ug/L	100
90) Indeno(1,2,3-cd)pyrene	16.381	276	101256	749.21	ug/L	95
91) Dibenz(a,h)anthracene	16.440	278	143394	957.77	ug/L	93
92) Benzo(g,h,i)perylene	16.778	276	194389	991.76	ug/L	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : G:\DATA\040407_a\ak008782.D Vial: 7
Sample : 1000 ug/l 8270 ccal std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 21:02 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:07:28 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



Data File : G:\DATA\040407_a\ak008782.D Vial: 7
Sample : 1000 ug/l 8270 ccal std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 21:02 Operator: CLZ
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DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:07:28 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (I)	1000.000	1000.000	0.0	103	0.04
2	T	N-Nitrosodimethylamine	5000.000	5182.979	-3.7	102	0.02
3	T	Pyridine	5000.000	5036.576	-0.7	101	0.02
4	S	2 - Fluorophenol (S)	1000.000	990.874	0.9	102	0.03
5	T	Cyclohexanone	1000.000	969.540	3.0	98	0.03
6	T	Aniline	1000.000	988.902	1.1	103	0.04
7	S	Phenol - d5 (S)	1000.000	1009.822	-1.0	103	0.02
8	TC	Phenol	1000.000	1028.758	-2.9	103	0.04
9	T	bis(2-Chloroethyl)ether	1000.000	982.499	1.8	100	0.05
10	T	2-Chlorophenol	1000.000	1009.149	-0.9	103	0.04
11	T	Decane	1000.000	957.511	4.2	99	0.03
12	T	1,3-Dichlorobenzene	1000.000	990.501	0.9	104	0.04
13	TC	1,4-Dichlorobenzene	1000.000	998.784	0.1	105	0.04
14	T	Benzyl alcohol	1000.000	981.265	1.9	101	0.03
15	T	1,2-Dichlorobenzene	1000.000	1004.627	-0.5	104	0.03
16	T	2-Methylphenol	1000.000	997.838	0.2	103	0.04
17	T	bis(2-chloroisopropyl)ether	1000.000	932.298	6.8	99	0.03
18	T	3-&4-Methylphenol	1000.000	1001.624	-0.2	102	0.05
19	TP	n-Nitroso-di-n-propylamine	1000.000	966.896	3.3	98	0.04
20	T	Hexachloroethane	1000.000	987.023	1.3	103	0.02
21	I	Naphthalene - d8 (I)	1000.000	1000.000	0.0	103	0.04
22	S	Nitrobenzene - d5 (S)	1000.000	980.187	2.0	101	0.05
23	T	Nitrobenzene	1000.000	976.463	2.4	101	0.05
24	T	Isophorone	1000.000	938.396	6.2	99	0.04
25	TC	2-Nitrophenol	1000.000	1009.144	-0.9	105	0.04
26	T	2,4-Dimethylphenol	1000.000	994.893	0.5	103	0.04
27	T	bis(2-Chloroethoxy)methane	1000.000	977.760	2.2	100	0.03
28	T	Benzoic Acid	5000.000	4671.229	6.6	94	0.03
29	TC	2,4-Dichlorophenol	1000.000	990.452	1.0	103	0.04
30	T	1,2,4-Trichlorobenzene	1000.000	987.351	1.3	104	0.04
31	T	Naphthalene	1000.000	983.546	1.6	102	0.04
32	T	4-Chloroaniline	1000.000	1055.211	-5.5	106	0.04
33	TC	Hexachlorobutadiene	1000.000	978.388	2.2	101	0.03
34	TC	4-Chloro-3-methylphenol	1000.000	996.793	0.3	102	0.02
35	T	2-Methylnaphthalene	1000.000	1006.871	-0.7	104	0.05
36	T	1-Methylnaphthalene	1000.000	1011.151	-1.1	103	0.04
37	I	Acenaphthene - d10 (I)	1000.000	1000.000	0.0	103	0.04
38	TP	Hexachlorocyclopentadiene	1000.000	980.608	1.9	97	0.04
39	T	2,3-Dichloroaniline	1000.000	1004.510	-0.5	104	0.05
40	TC	2,4,6-Trichlorophenol	1000.000	1023.026	-2.3	104	0.04
41	T	2,4,5-Trichlorophenol	1000.000	1032.340	-3.2	106	0.04
42	S	2 - Fluorobiphenyl (S)	1000.000	999.721	0.0	103	0.04
43	T	2-Chloronaphthalene	1000.000	1012.741	-1.3	104	0.04
44	T	Biphenyl	1000.000	1002.955	-0.3	102	0.04
45	T	2-Nitroaniline	1000.000	995.448	0.5	106	0.04
46	T	Dimethylphthalate	1000.000	1004.088	-0.4	104	0.04
47	T	Acenaphthylene	1000.000	1017.881	-1.8	103	0.04

Data File : G:\DATA\040407_a\ak008782.D Vial: 7
Sample : 1000 ug/l 8270 ccal std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 21:02 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:07:28 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	T	2,6-Dinitrotoluene	1000.000	937.114	6.3	104	0.04
49	T	3-Nitroaniline	1000.000	1155.998	-15.6	109	0.04
50	TC	Acenaphthene	1000.000	1010.328	-1.0	104	0.04
51	TP	2,4-Dinitrophenol	5000.000	4607.131	7.9	99	0.04
52	TP	4-Nitrophenol	5000.000	4909.703	1.8	102	0.03
53	T	Dibenzofuran	1000.000	1012.468	-1.2	104	0.04
54	T	2,4-Dinitrotoluene	1000.000	1020.623	-2.1	106	0.04
55	T	2,3,4,6-Tetrachlorophenol	1000.000	931.478	6.9	107	0.04
56	T	2,3,5,6-Tetrachlorophenol	1000.000	1012.186	-1.2	104	0.04
57	T	Diethylphthalate	1000.000	945.145	5.5	102	0.04
58	T	Fluorene	1000.000	1035.080	-3.5	105	0.05
59	T	4-Chlorophenylphenylether	1000.000	1006.314	-0.6	102	0.04
60	T	4-Nitroaniline	1000.000	1142.820	-14.3	115	0.05
61	I	Phenanthrene - d10 (I)	1000.000	1000.000	0.0	105	0.05
62	T	4,6-Dinitro-2-methylphenol	5000.000	4956.646	0.9	106	0.07
63	T	n-Nitrosodiphenylamine	1000.000	1005.518	-0.6	106	0.07
64	S	2,4,6 - Tribromophenol (S)	1000.000	993.618	0.6	107	0.05
65	T	Azobenzene	1000.000	992.080	0.8	102	0.05
66	T	4-Bromophenylphenylether	1000.000	1019.720	-2.0	106	0.05
67	T	Hexachlorobenzene	1000.000	988.504	1.1	104	0.04
68	TC	Pentachlorophenol	1000.000	885.557	11.4	93	0.05
69	T	Phenanthrene	1000.000	996.463	0.4	104	0.05
70	T	Anthracene	1000.000	1027.323	-2.7	106	0.05
71	T	Octadecane	1000.000	948.617	5.1	97	0.05
72	T	Carbazole	1000.000	1100.954	-10.1	107	0.05
73	T	Di-n-butylphthalate	1000.000	884.931	11.5	98	0.05
74	TC	Fluoranthene	1000.000	971.724	2.8	103	0.06
75	T	Pyrene	1000.000	1001.642	-0.2	104	0.05
76	T	Benzidine	5000.000	11584.523	-131.7#	131	0.06
77	S	p - Terphenyl - d14 (S)	1000.000	977.144	2.3	104	0.05
78	I	Chrysene - d12 (I)	1000.000	1000.000	0.0	107	0.06
79	T	Butylbenzylphthalate	1000.000	798.096	20.2#	89	0.07
80	T	Benzo(a)anthracene	1000.000	962.434	3.8	106	0.06
81	T	3,3'-Dichlorobenzidine	1000.000	1241.176	-24.1#	106	0.00
82	T	Chrysene	1000.000	999.655	0.0	106	0.06
83	T	bis(2-Ethylhexyl)phthalate	1000.000	821.219	17.9	93	0.00
84	I	Perylene - d12 (I)	1000.000	1000.000	0.0	110	0.09
85	TC	Di-n-octylphthalate	1000.000	895.717	10.4	82	0.09
86	T	Benzo(b)fluoranthene	1000.000	963.906	3.6	101	0.09
87	T	Benzo(k)fluoranthene	1000.000	1016.489	-1.6	108	0.09
88	T	Benzofluoranthenes	2000.000	1832.188	8.4	107	0.04
89	TC	Benzo(a)pyrene	1000.000	961.299	3.9	105	0.08
90	T	Indeno(1,2,3-cd)pyrene	1000.000	749.209	25.1#	98	0.08
91	T	Dibenz(a,h)anthracene	1000.000	957.767	4.2	115	0.11
92	T	Benzo(g,h,i)perylene	1000.000	991.756	0.8	115	0.11

Data File : G:\DATA\040407_a\ak008782.D Vial: 7
Sample : 1000 ug/l 8270 ccal std no 1281-42-6
Misc :
Acq On : 4 Apr 2007 21:02 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:07:28 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sequence Log

Directory : g:\DATA\040507_a

#	Filename	Sample Name	Date/Time
1	ak008804.d	dftpp	04/05/07 14:40
2	ak008806.d	1000 ug/l 8270 ical std no 1281-42-7	04/05/07 15:23
3	ak008807.d	MB 580-17180/1-AA	04/05/07 15:50
4	ak008808.d	LCS 580-17180/2-AA	04/05/07 16:18
5	ak008809.d	LCSD 580-17180/3-AA	04/05/07 16:45
6	ak008810.d	580-5385-B-11-I 1:100	04/05/07 17:12
7	ak008811.d	580-5385-B-11-I 1:10	04/05/07 17:39
8	ak008812.d	580-5404-A-13-D 1:10	04/05/07 18:06
9	ak008813.d	580-5404-A-14-D 1:100	04/05/07 18:33
10	ak008814.d	580-5404-A-14-D 1:10	04/05/07 19:00

Data File : G:\DATA\040507_a\ak008806.D Vial: 2
Sample : 1000 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 5 Apr 2007 15:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:11:16 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.927	152	155965	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.040	136	592748	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.516	162	301089	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.891	188	401313	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.827	240	274654	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.683	264	125182	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.649	112	188559	936.67	ug/L	-0.01
7) Phenol - d5 (S)	5.596	99	224398	937.24	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.425	82	171141	923.33	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.949	172	447919	994.35	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.217	330	64094	1063.33	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.618	244	287865	1121.90	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	2.927	74	539924	4602.72	ug/L	98
3) Pyridine	2.895	79	1054264	4778.07	ug/L	95
5) Cyclohexanone	4.938	55	101442	886.14	ug/l	96
6) Aniline	5.638	93	272833	924.74	ug/L	92
8) Phenol	5.606	94	241773	964.38	ug/L	84
9) bis(2-Chloroethyl)ether	6.842	93	233214	945.81	ug/L	94
10) 2-Chlorophenol	5.729	128	216124	977.52	ug/L	83
11) Decane	5.788	57	187018	878.68	ug/L	95
12) 1,3-Dichlorobenzene	5.868	146	261982	993.53	ug/L	96
13) 1,4-Dichlorobenzene	5.938	146	270524	1007.28	ug/L	98
14) Benzyl alcohol	6.066	79	127132	869.54	ug/L	93
15) 1,2-Dichlorobenzene	6.072	146	251060	1001.09	ug/L	98
16) 2-Methylphenol	6.157	108	188877	957.28	ug/L	98
17) bis(2-chloroisopropyl)...	6.184	45	211134	842.15	ug/L	93
18) 3-&4-Methylphenol	6.296	108	191905	951.14	ug/L	98
19) n-Nitroso-di-n-propyla...	6.302	70	117937	871.26	ug/L	99
20) Hexachloroethane	6.371	201	86092	976.59	ug/L	95
23) Nitrobenzene	6.441	77	189261	926.45	ug/L	95
24) Isophorone	6.655	82	300378	866.29	ug/L	96
25) 2-Nitrophenol	6.713	139	89947	914.48	ug/L	91
26) 2,4-Dimethylphenol	6.751	107	177945	920.85	ug/L	92
27) bis(2-Chloroethoxy)met...	6.842	93	233214	957.55	ug/L	93
28) Benzoic Acid	6.820	105	276246	3674.98	ug/L	83
29) 2,4-Dichlorophenol	6.917	162	168895	994.96	ug/L	97
30) 1,2,4-Trichlorobenzene	6.986	180	210509	1022.00	ug/L	97
31) Naphthalene	7.056	128	660033	979.33	ug/L	98
32) 4-Chloroaniline	7.109	127	227577	1020.17	ug/l	99
33) Hexachlorobutadiene	7.163	225	121309	1014.33	ug/L	96
34) 4-Chloro-3-methylphenol	7.505	107	142351	936.20	ug/L	94
35) 2-Methylnaphthalene	7.639	141	335512	990.80	ug/L	100
36) 1-Methylnaphthalene	7.724	141	367180	1014.96	ug/l	98
38) Hexachlorocyclopentadiene	7.772	237	72660	735.16	ug/L	96
39) 2,3-Dichloroaniline	7.874	161	203472	991.66	ug/L	100
40) 2,4,6-Trichlorophenol	7.874	196	112984	984.96	ug/L	68
41) 2,4,5-Trichlorophenol	7.901	196	119699	986.59	ug/L	92
43) 2-Chloronaphthalene	8.045	162	388095	1005.44	ug/L	98
44) Biphenyl	8.029	154	500959	996.34	ug/L	98

Data File : G:\DATA\040507_a\ak008806.D Vial: 2
Sample : 1000 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 5 Apr 2007 15:23 Operator: CLZ
InstName : sea040

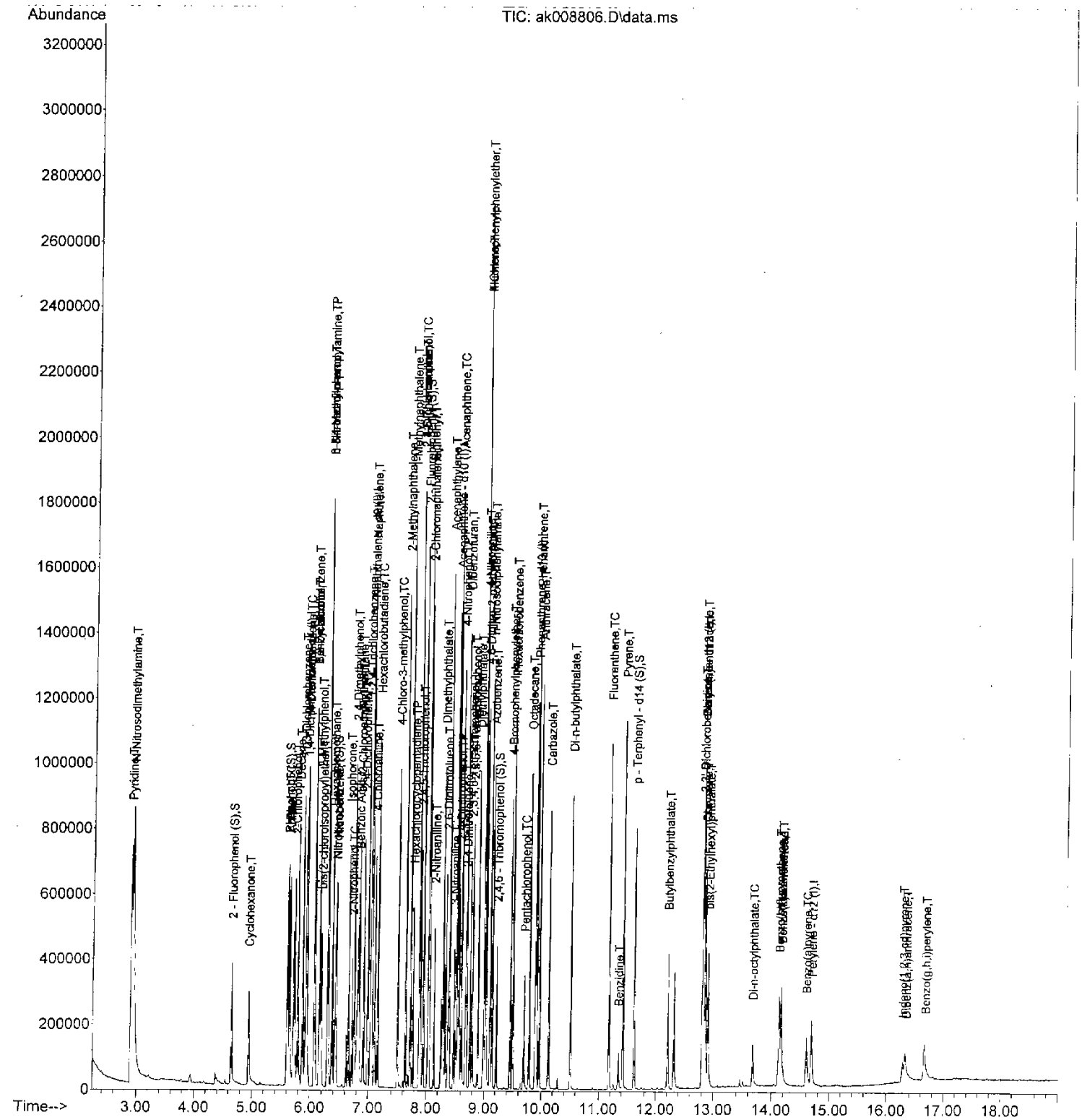
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:11:16 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.131	138	83636	889.86	ug/L		99
46) Dimethylphthalate	8.286	163	394551	986.70	ug/L		94
47) Acenaphthylene	8.393	152	601286	999.53	ug/L		98
48) 2,6-Dinitrotoluene	8.334	165	85053	917.68	ug/L		90
49) 3-Nitroaniline	8.473	138	69921	1081.82	ug/L		89
50) Acenaphthene	8.543	153	393178	991.41	ug/L		99
51) 2,4-Dinitrophenol	8.564	184	100494	3507.20	ug/L	#	56
52) 4-Nitrophenol	8.607	109	129118	4641.80	ug/L		90
53) Dibenzofuran	8.692	168	529736	1006.65	ug/L		94
54) 2,4-Dinitrotoluene	8.676	165	97364	967.70	ug/L		94
55) 2,3,4,6-Tetrachlorophenol	8.757	232	90448	876.50	ug/L		96
56) 2,3,5,6-Tetrachlorophenol	8.794	232	97672	988.88	ug/l		82
57) Diethylphthalate	8.896	149	368863	907.67	ug/L		94
58) Fluorene	8.997	166	401524	1019.62	ug/L		98
59) 4-Chlorophenylphenylether	8.997	204	199437	1022.38	ug/L		93
60) 4-Nitroaniline	9.008	108	33670	1007.99	ug/L		89
62) 4,6-Dinitro-2-methylph...	9.035	198	203941	4605.06	ug/L		87
63) n-Nitrosodiphenylamine	9.104	169	314233	1124.82	ug/l		99
65) Azobenzene	9.142	77	321099	1062.87	ug/L		86
66) 4-Bromophenylphenylether	9.452	248	116503	1164.15	ug/L		93
67) Hexachlorobenzene	9.500	284	162039	1189.18	ug/L	#	1
68) Pentachlorophenol	9.693	266	48236	887.00	ug/L		96
69) Phenanthrene	9.912	178	527798	1148.67	ug/L		90
70) Anthracene	9.965	178	467303	1139.36	ug/L		99
71) Octadecane	9.784	57	166843	974.33	ug/L		82
72) Carbazole	10.126	167	378291	1216.13	ug/L		88
73) Di-n-butylphthalate	10.511	149	526629	918.92	ug/L		99
74) Fluoranthene	11.174	202	437239	1086.58	ug/L		100
75) Pyrene	11.426	202	483883	1132.86	ug/L		99
76) Benzidine	11.340	184	74965	8482.02	ug/L	#	98
79) Butylbenzylphthalate	12.207	149	119887	724.54	ug/L		100
80) Benzo(a)anthracene	12.816	228	278022	914.94	ug/L		99
81) 3,3'-Dichlorobenzidine	12.806	252	115628	982.51	ug/L		98
82) Chrysene	12.859	228	314329	1027.30	ug/L		97
83) bis(2-Ethylhexyl)phtha...	12.907	149	169524	729.55	ug/L		97
85) Di-n-octylphthalate	13.677	149	116742	819.44	ug/L		98
86) Benzo(b)fluoranthene	14.127	252	157063	961.60	ug/l		100
87) Benzo(k)fluoranthene	14.164	252	217134	1282.97	ug/l		95
88) Benzofluoranthenes	14.159	252	420079	2192.23	ug/L		87
89) Benzo(a)pyrene	14.592	252	129426	997.97	ug/L		94
90) Indeno(1,2,3-cd)pyrene	16.283	276	49223	582.20	ug/L		88
91) Dibenz(a,h)anthracene	16.348	278	82775	883.80	ug/L		99
92) Benzo(g,h,i)perylene	16.683	276	129383	1055.20	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : G:\DATA\040507_a\ak008806.D Vial: 2
Sample : 1000 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 5 Apr 2007 15:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:11:16 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



0004383

Data File : G:\DATA\040507_a\ak008806.D Vial: 2
Sample : 1000 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 5 Apr 2007 15:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:11:16 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4 (I)	1000.000	1000.000	0.0	85	0.00
2	T	N-Nitrosodimethylamine	5000.000	4602.715	7.9	74	-0.05
3	T	Pyridine	5000.000	4778.068	4.4	79	-0.06
4	S	2 - Fluorophenol (S)	1000.000	936.666	6.3	79	-0.01
5	T	Cyclohexanone	1000.000	886.144	11.4	73	-0.01
6	T	Aniline	1000.000	924.737	7.5	79	0.00
7	S	Phenol - d5 (S)	1000.000	937.236	6.3	79	-0.01
8	TC	Phenol	1000.000	964.382	3.6	79	0.00
9	T	bis(2-Chloroethyl)ether	1000.000	945.807	5.4	79	0.01
10	T	2-Chlorophenol	1000.000	977.522	2.2	82	0.00
11	T	Decane	1000.000	878.679	12.1	75	0.00
12	T	1,3-Dichlorobenzene	1000.000	993.534	0.6	86	0.00
13	TC	1,4-Dichlorobenzene	1000.000	1007.283	-0.7	87	0.00
14	T	Benzyl alcohol	1000.000	869.543	13.0	73	0.00
15	T	1,2-Dichlorobenzene	1000.000	1001.088	-0.1	85	0.00
16	T	2-Methylphenol	1000.000	957.277	4.3	81	0.00
17	T	bis(2-chloroisopropyl)ether	1000.000	842.153	15.8	73	-0.01
18	T	3-&4-Methylphenol	1000.000	951.140	4.9	80	0.01
19	TP	n-Nitroso-di-n-propylamine	1000.000	871.257	12.9	72	0.00
20	T	Hexachloroethane	1000.000	976.587	2.3	84	-0.02
21	I	Naphthalene - d8 (I)	1000.000	1000.000	0.0	83	0.00
22	S	Nitrobenzene - d5 (S)	1000.000	923.329	7.7	77	0.01
23	T	Nitrobenzene	1000.000	926.453	7.4	77	0.01
24	T	Isophorone	1000.000	866.288	13.4	74	0.00
25	TC	2-Nitrophenol	1000.000	914.480	8.6	76	0.00
26	T	2,4-Dimethylphenol	1000.000	920.852	7.9	77	0.00
27	T	bis(2-Chloroethoxy)methane	1000.000	957.547	4.2	79	0.00
28	T	Benzoic Acid	5000.000	3674.978	26.5#	56	0.00
29	TC	2,4-Dichlorophenol	1000.000	994.961	0.5	84	0.00
30	T	1,2,4-Trichlorobenzene	1000.000	1022.004	-2.2	87	0.00
31	T	Naphthalene	1000.000	979.328	2.1	82	0.00
32	T	4-Chloroaniline	1000.000	1020.168	-2.0	83	0.00
33	TC	Hexachlorobutadiene	1000.000	1014.332	-1.4	85	-0.01
34	TC	4-Chloro-3-methylphenol	1000.000	936.197	6.4	77	-0.02
35	T	2-Methylnaphthalene	1000.000	990.804	0.9	82	0.00
36	T	1-Methylnaphthalene	1000.000	1014.958	-1.5	84	0.00
37	I	Acenaphthene - d10 (I)	1000.000	1000.000	0.0	84	0.00
38	TP	Hexachlorocyclopentadiene	1000.000	735.157	26.5#	58	0.00
39	T	2,3-Dichloroaniline	1000.000	991.656	0.8	84	0.00
40	TC	2,4,6-Trichlorophenol	1000.000	984.961	1.5	82	0.00
41	T	2,4,5-Trichlorophenol	1000.000	986.589	1.3	83	0.00
42	S	2 - Fluorobiphenyl (S)	1000.000	994.346	0.6	84	0.00
43	T	2-Chloronaphthalene	1000.000	1005.435	-0.5	85	0.00
44	T	Biphenyl	1000.000	996.344	0.4	83	0.00
45	T	2-Nitroaniline	1000.000	889.862	11.0	77	0.00
46	T	Dimethylphthalate	1000.000	986.705	1.3	83	0.00
47	T	Acenaphthylene	1000.000	999.527	0.0	83	0.00

Data File : G:\DATA\040507_a\ak008806.D Vial: 2
Sample : 1000 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 5 Apr 2007 15:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:11:16 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	T	2,6-Dinitrotoluene	1000.000	917.682	8.2	83	0.00
49	T	3-Nitroaniline	1000.000	1081.824	-8.2	83	0.00
50	TC	Acenaphthene	1000.000	991.405	0.9	83	0.00
51	TP	2,4-Dinitrophenol	5000.000	3507.195	29.9#	58	0.00
52	TP	4-Nitrophenol	5000.000	4641.801	7.2	78	0.00
53	T	Dibenzofuran	1000.000	1006.651	-0.7	84	0.00
54	T	2,4-Dinitrotoluene	1000.000	967.698	3.2	81	0.00
55	T	2,3,4,6-Tetrachlorophenol	1000.000	876.500	12.4	82	0.00
56	T	2,3,5,6-Tetrachlorophenol	1000.000	988.884	1.1	83	0.00
57	T	Diethylphthalate	1000.000	907.666	9.2	80	0.00
58	T	Fluorene	1000.000	1019.621	-2.0	85	0.00
59	T	4-Chlorophenylphenylether	1000.000	1022.376	-2.2	85	0.00
60	T	4-Nitroaniline	1000.000	1007.991	-0.8	82	0.00
61	I	Phenanthrene - d10 (I)	1000.000	1000.000	0.0	75	0.00
62	T	4,6-Dinitro-2-methylphenol	5000.000	4605.064	7.9	70	0.02
63	T	n-Nitrosodiphenylamine	1000.000	1124.821	-12.5	85	0.02
64	S	2,4,6 - Tribromophenol (S)	1000.000	1063.332	-6.3	82	0.00
65	T	Azobenzene	1000.000	1062.866	-6.3	78	0.00
66	T	4-Bromophenylphenylether	1000.000	1164.154	-16.4	86	0.00
67	T	Hexachlorobenzene	1000.000	1189.185	-18.9	90	-0.01
68	TC	Pentachlorophenol	1000.000	887.003	11.3	67	0.00
69	T	Phenanthrene	1000.000	1148.667	-14.9	86	0.00
70	T	Anthracene	1000.000	1139.360	-13.9	84	0.00
71	T	Octadecane	1000.000	974.334	2.6	71	0.00
72	T	Carbazole	1000.000	1216.133	-21.6#	84	0.00
73	T	Di-n-butylphthalate	1000.000	918.918	8.1	73	0.00
74	TC	Fluoranthene	1000.000	1086.583	-8.7	83	0.00
75	T	Pyrene	1000.000	1132.856	-13.3	84	0.00
76	T	Benzidine	5000.000	8482.023	-69.6#	77	0.00
77	S	p - Terphenyl - d14 (S)	1000.000	1121.903	-12.2	85	-0.01
78	I	Chrysene - d12 (I)	1000.000	1000.000	0.0	87	0.00
79	T	Butylbenzylphthalate	1000.000	724.537	27.5#	65	0.00
80	T	Benzo(a)anthracene	1000.000	914.938	8.5	81	0.00
81	T	3,3'-Dichlorobenzidine	1000.000	982.506	1.7	69	-0.06
82	T	Chrysene	1000.000	1027.297	-2.7	88	0.00
83	T	bis(2-Ethylhexyl)phthalate	1000.000	729.545	27.0#	66	-0.07
84	I	Perylene - d12 (I)	1000.000	1000.000	0.0	69	0.00
85	TC	Di-n-octylphthalate	1000.000	819.444	18.1	50	0.00
86	T	Benzo(b)fluoranthene	1000.000	961.597	3.8	63	0.00
87	T	Benzo(k)fluoranthene	1000.000	1282.970	-28.3#	85	0.00
88	T	Benzofluoranthenes	2000.000	2192.228	-9.6	81	-0.03
89	TC	Benzo(a)pyrene	1000.000	997.969	0.2	68	-0.01
90	T	Indeno(1,2,3-cd)pyrene	1000.000	582.204	41.8#	47	-0.02
91	T	Dibenz(a,h)anthracene	1000.000	883.798	11.6	66	0.01
92	T	Benzo(g,h,i)perylene	1000.000	1055.201	-5.5	77	0.01

Data File : G:\DATA\040507_a\ak008806.D Vial: 2
Sample : 1000 ug/l 8270 ical std no 1281-42-7
Misc :
Acq On : 5 Apr 2007 15:23 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Fri Apr 06 09:11:16 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

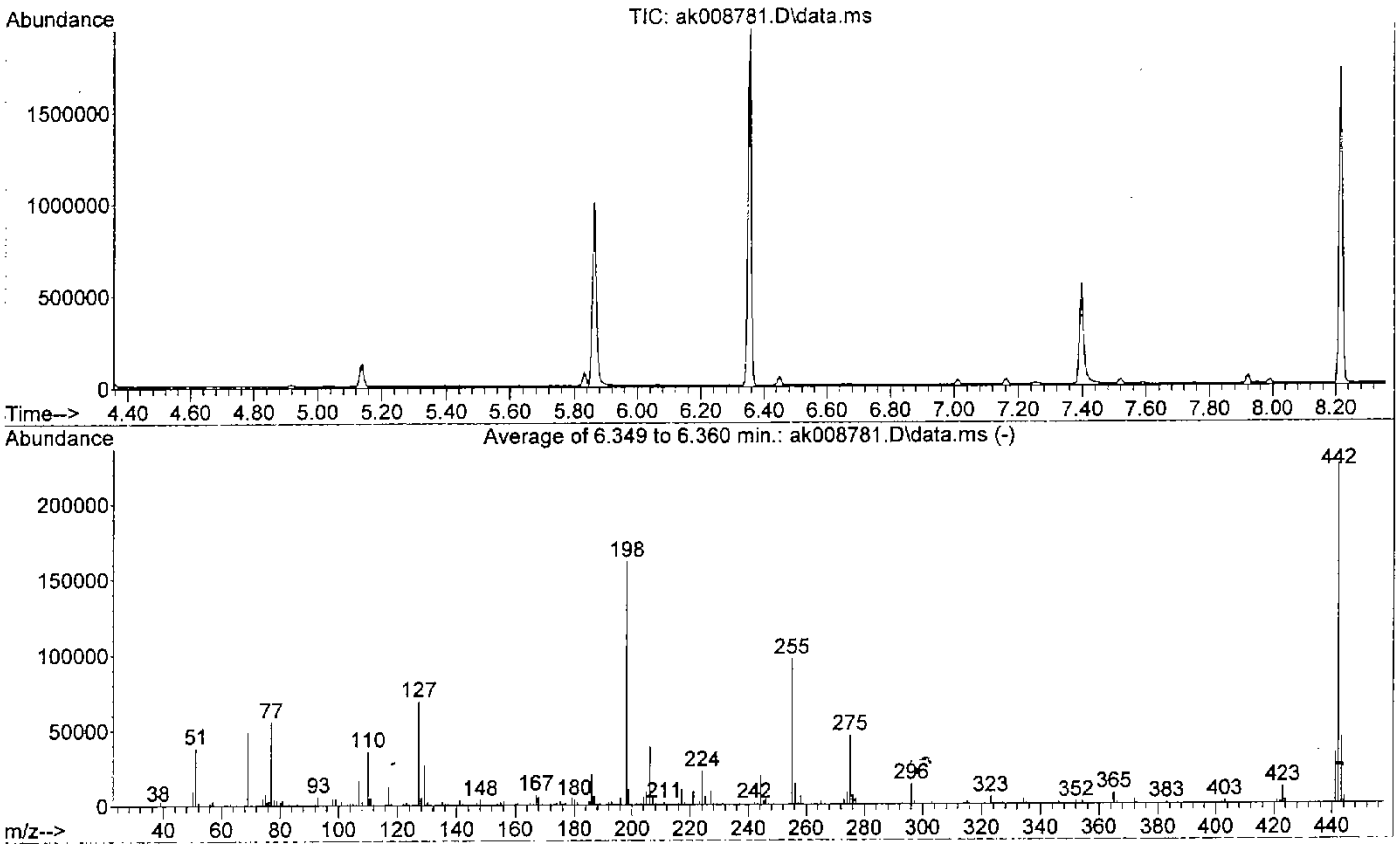
(#) = Out of Range SPCC's out = 0 CCC's out = 0

DFTPP TUNING

Data Path : G:\DATA\040407_a\
Data File : ak008781.D
Acq On : 4 Apr 2007 20:45
Operator : CLZ
Sample : dftpp
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e

Method : G:\Methods\dftpp.M
Title :
Last Update : Fri Apr 06 11:22:08 2007

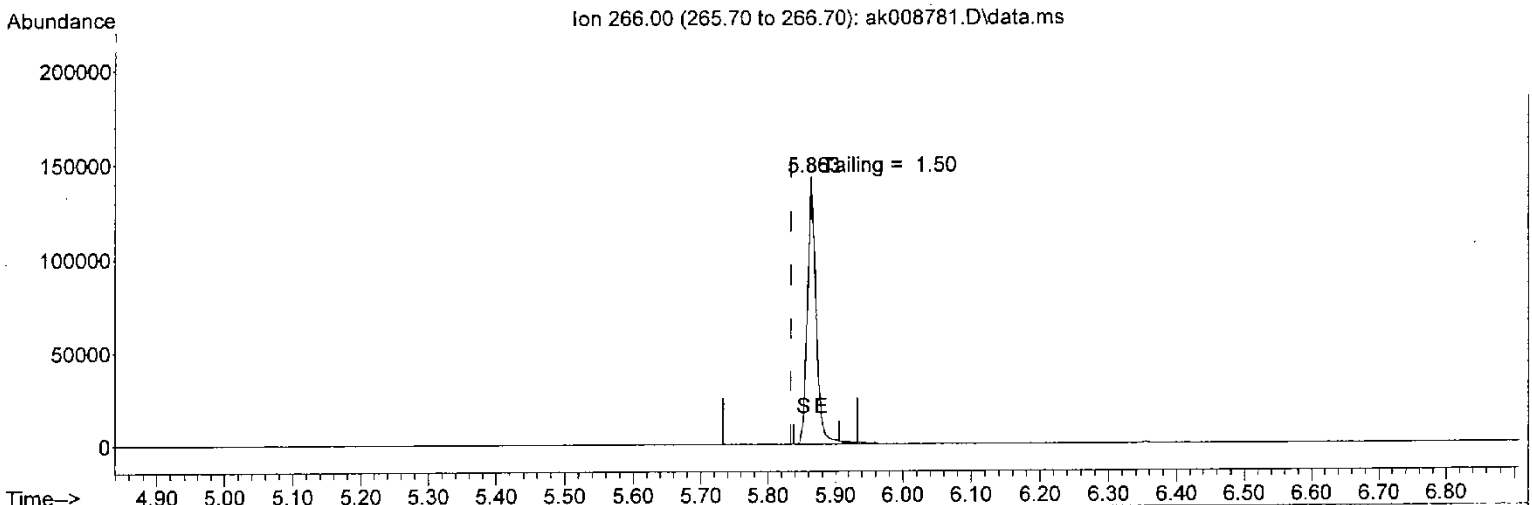


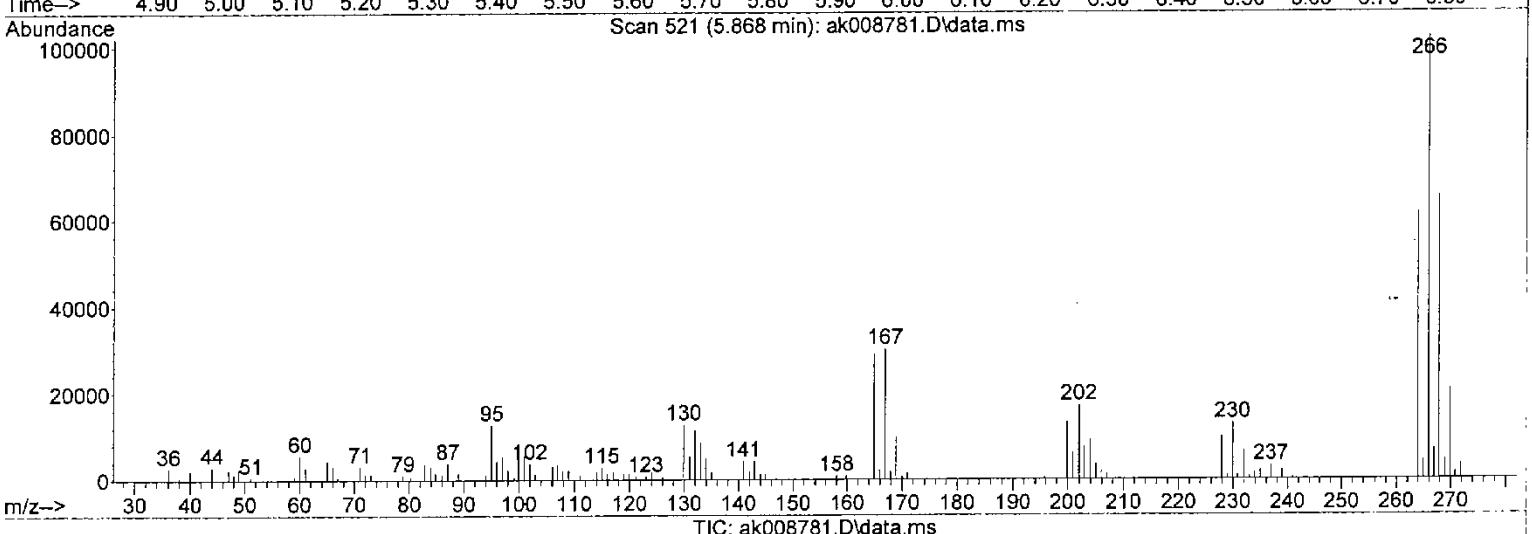
AutoFind: Scans 611, 612, 613; Background Corrected with Scan 607

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	442	10	80	16.9	38089	PASS
68	69	0.00	2	1.5	721	PASS
69	198	0.00	100	30.1	48473	PASS
70	69	0.00	2	0.0	0	PASS
127	442	10	80	30.5	68893	PASS
197	198	0.00	1	0.0	0	PASS
198	442	50	100	71.4	161138	PASS
199	198	5	9	6.5	10534	PASS
275	442	10	60	20.3	45805	PASS
365	198	1	100	4.5	7176	PASS
441	443	0.01	100	76.6	33576	PASS
442	442	50	100	100.0	225557	PASS
443	442	17	23	19.4	43837	PASS

Data File : G:\DATA\040407_a\ak008781.D Vial: 1
Sample : dftpp
Misc :
Acq On : 4 Apr 2007 20:45 Operator: CLZ
InstName : sea040

DataAcq Meth:DFTPP.M
Quant Method : G:\Methods\dftpp.M
Quant Title :
QLast Update : Fri Apr 06 11:22:08 2007
Response via : Initial Calibration
Quant Results File: dftpp.RES





TIC: ak008781.D\data.ms

(1) Pentachlorophenol (T)

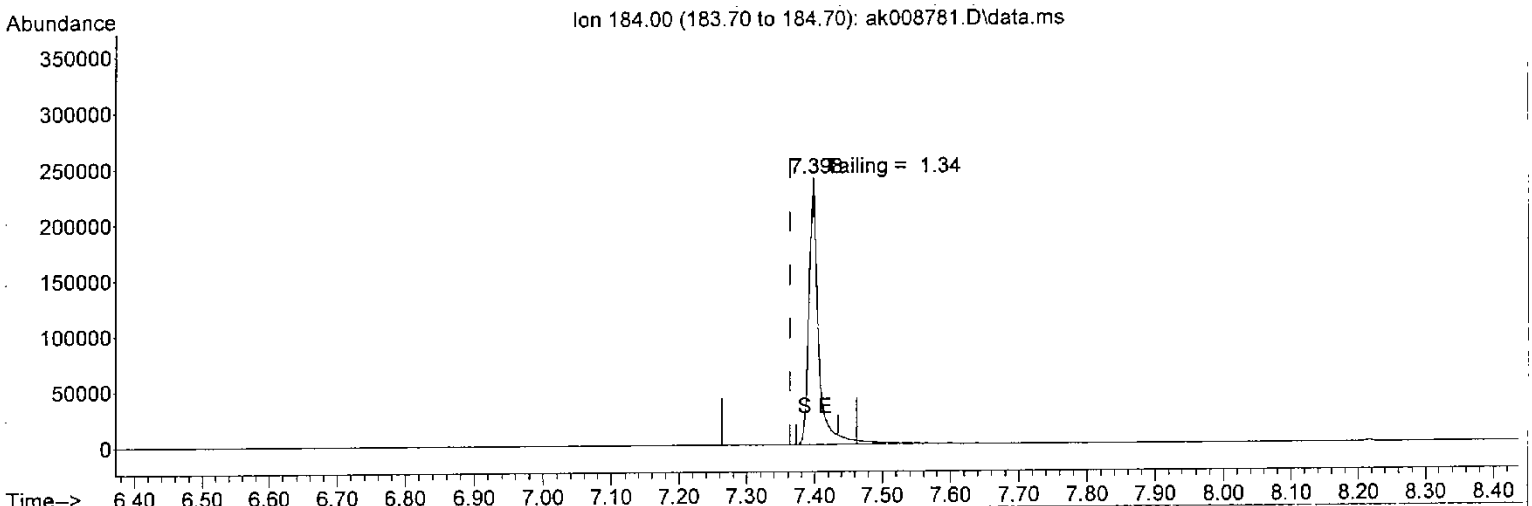
5.866min (+0.032) 4.24ug/ml

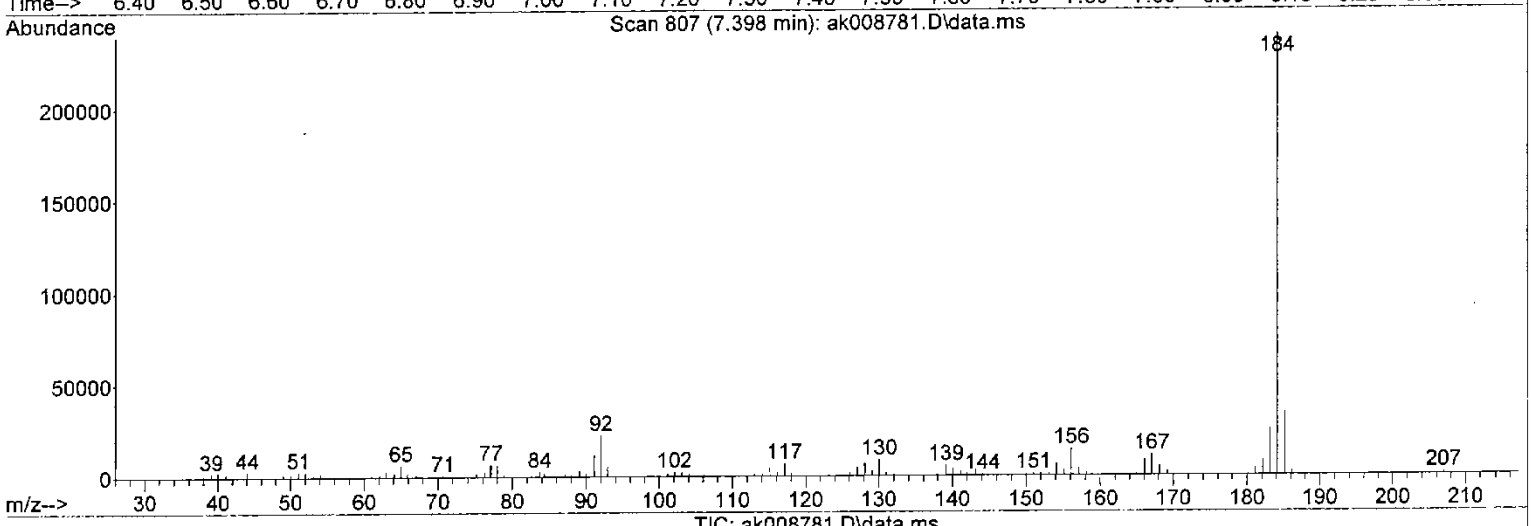
response 1235787

Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data File : G:\DATA\040407_a\ak008781.D Vial: 1
Sample : dftpp
Misc :
Acq On : 4 Apr 2007 20:45 Operator: CLZ
InstName : sea040

DataAcq Meth:DFTPP.M
Quant Method : G:\Methods\dftpp.M
Quant Title :
QLast Update : Fri Apr 06 11:22:08 2007
Response via : Initial Calibration
Quant Results File: dftpp.RES





TIC: ak008781.D\data.ms

(3) Benzidine (T)

7.399min (+0.036) 1.48ug/ml

response 2088885

Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data File Name **ak008781.D**
Data File Path **G:\DATA\040407_a**
Operator **CLZ**

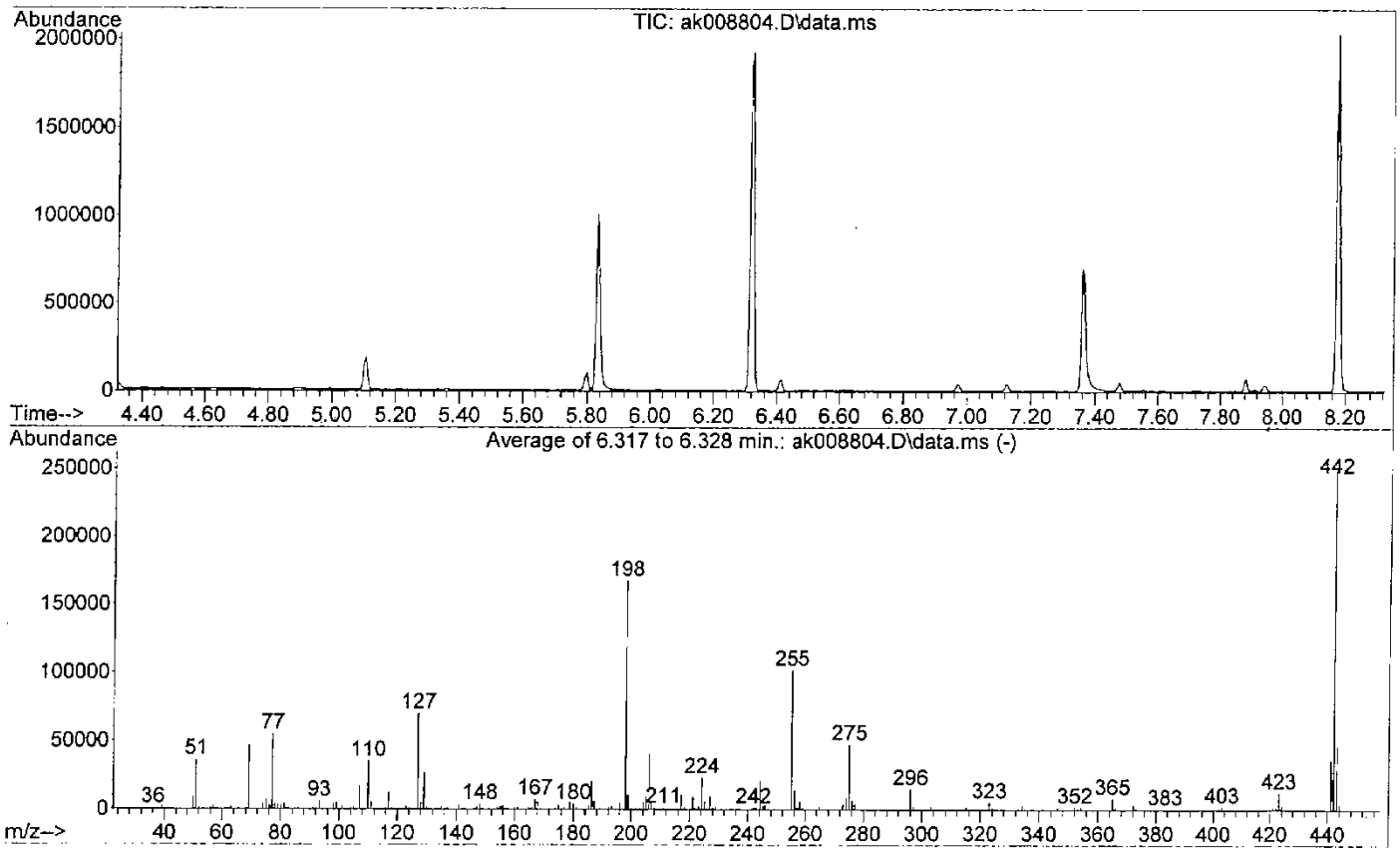
DFTPP.M
Sample Name **dftpp**

#	Name	Ret Time	Target Response	Percent Breakdown
4)	DDT	8.22	2542447.327	3.37%
5)	DDD	7.92	88708.713	Pass
6)	DDE	0.00	0	
	SUM		2631156.04	

Data Path : G:\DATA\040507_a\
Data File : ak008804.D
Acq On : 5 Apr 2007 14:40
Operator : CLZ
Sample : dftpp
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e

Method : G:\Methods\dftpp.M
Title :
Last Update : Thu Apr 05 12:14:30 2007



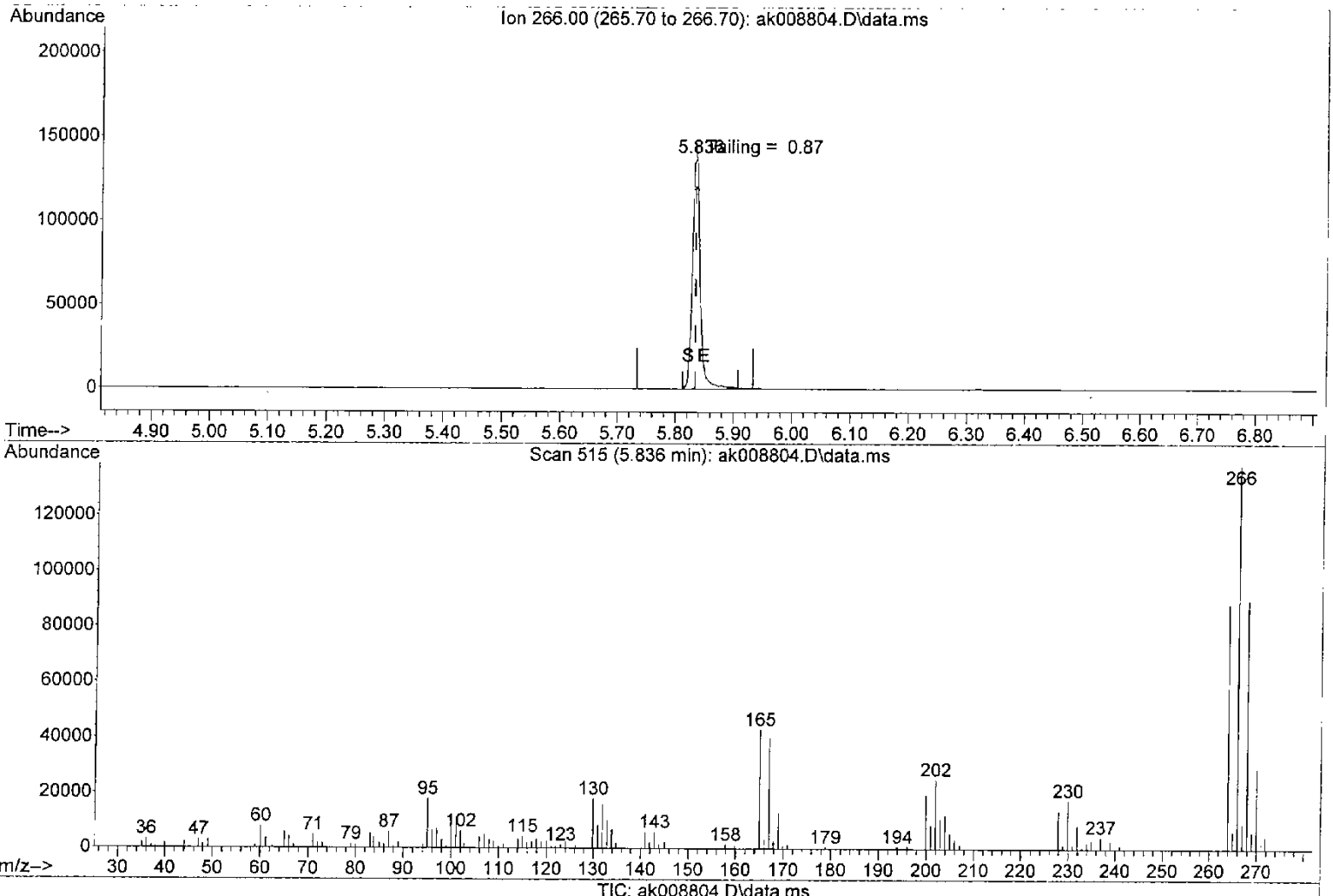
AutoFind: Scans 605, 606, 607; Background Corrected with Scan 601

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	442	10	80	14.5	36183	PASS
68	69	0.00	2	1.6	738	PASS
69	198	0.00	100	27.9	46786	PASS
70	69	0.00	2	0.0	0	PASS
127	442	10	80	28.0	69978	PASS
197	198	0.00	1	0.0	0	PASS
198	442	50	100	67.1	167472	PASS
199	198	5	9	6.5	10815	PASS
275	442	10	60	19.1	47709	PASS
365	198	1	100	4.9	8197	PASS
441	443	0.01	100	77.2	36104	PASS
442	442	50	100	100.0	249600	PASS
443	442	17	23	18.7	46744	PASS

004392

Data File : G:\DATA\040507_a\ak008804.D Vial: 1
Sample : dftpp
Misc :
Acq On : 5 Apr 2007 14:40 Operator: CLZ
InstName : sea040

DataAcq Meth:DFTPP.M
Quant Method : G:\Methods\dftpp.M
Quant Title :
QLast Update : Fri Apr 06 11:22:08 2007
Response via : Initial Calibration
Quant Results File: dftpp.RES



(1) Pentachlorophenol (T)

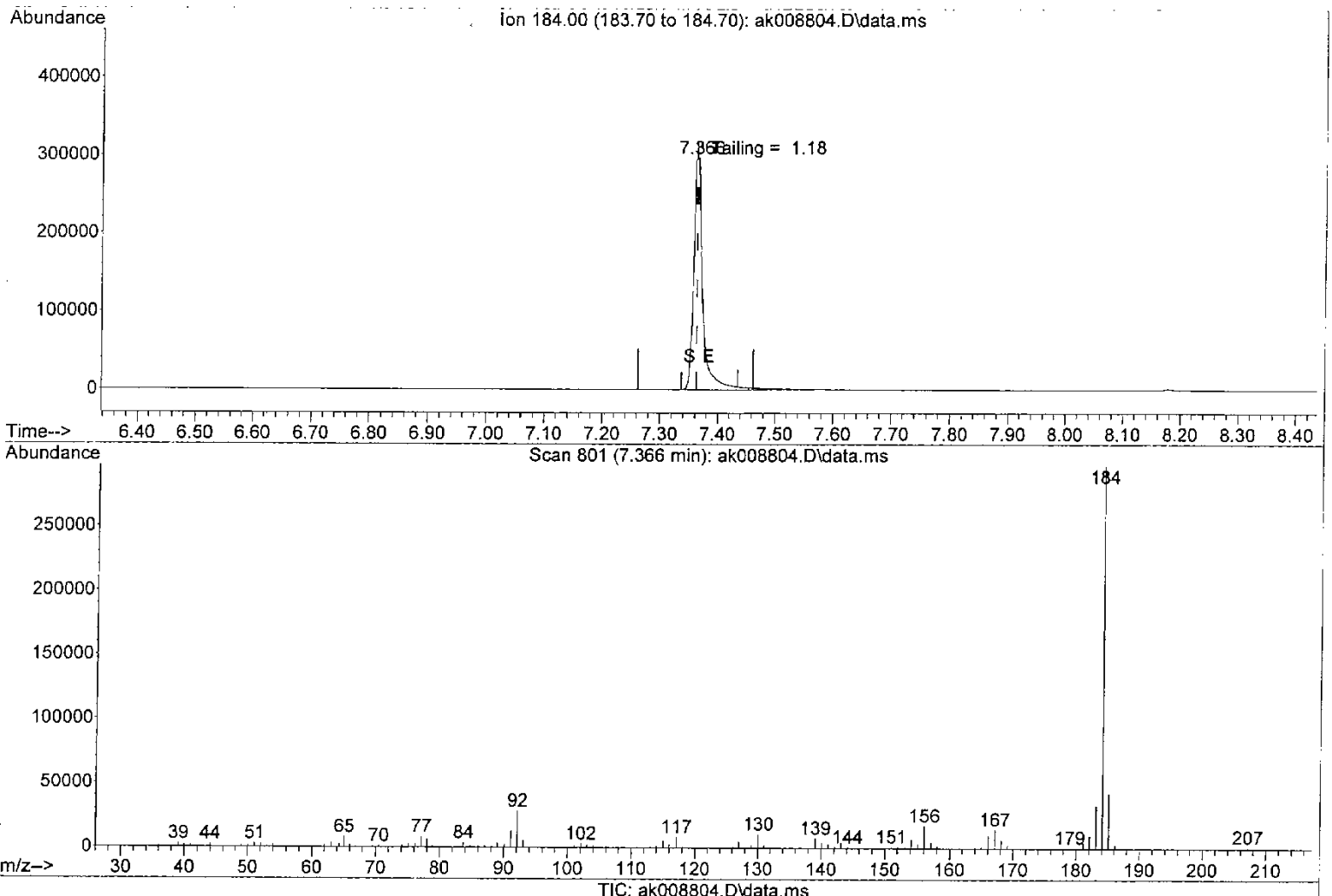
5.836min (+0.002) 4.47ug/ml

response 1302686

Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data File : G:\DATA\040507_a\ak008804.D Vial: 1
Sample : dftpp
Misc :
Acq On : 5 Apr 2007 14:40 Operator: CLZ
InstName : sea040

DataAcq Meth:DFTPP.M
Quant Method : G:\Methods\dftpp.M
Quant Title :
QLast Update : Fri Apr 06 11:22:08 2007
Response via : Initial Calibration
Quant Results File: dftpp.RES



(3) Benzidine (T)

7.365min (+0.002) 2.23ug/ml

response 3131934

Ion	Exp%	Act%
184.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data File Name **ak008804.D**
Data File Path **G:\DATA\040507_a**
Operator **CLZ**

DFTPP.M
Sample Name **dftpp**

#	Name	Ret Time	Target Response	Percent Breakdown
4)	DDT	8.18	3113736.525	4.37%
5)	DDD	7.89	129242.336	Pass
6)	DDE	7.55	12883.2	
		SUM	3255862.061	

METHOD BLANK

Data File : G:\DATA\040407_a\ak008786.D Vial: 16
Sample : MB 580-17263/1-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 22:51 Operator: CLZ
InstName : sea040

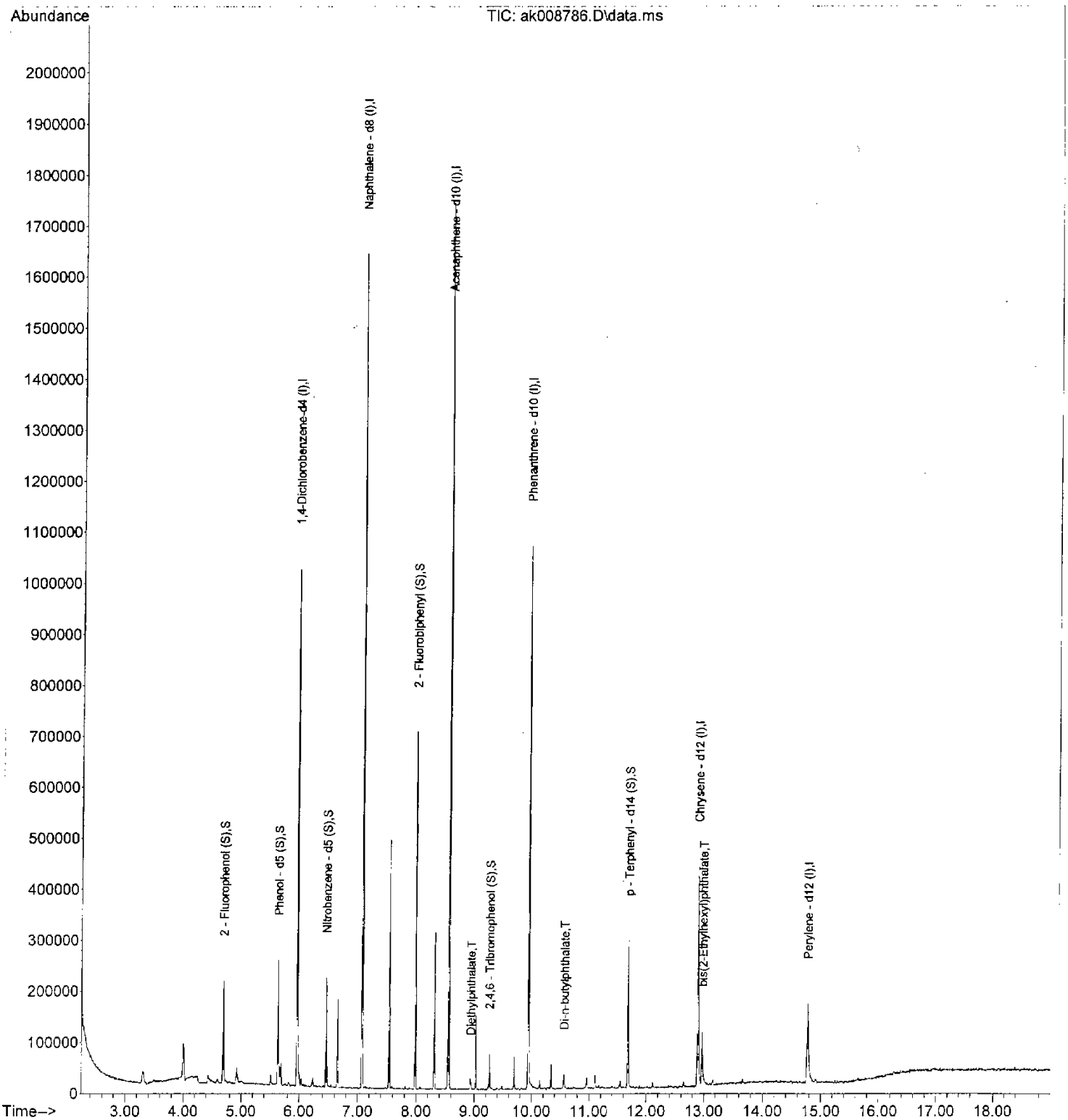
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:10:44 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	189427	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	715127	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	343086	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.939	188	444808	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	205963	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	115410	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	86559	358.86	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	104549	359.53	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.457	82	65777	294.15	ug/L	0.00
42) 2 - Fluorobiphenyl (S)	7.987	172	199021	387.73	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	12898	231.72	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.683	244	109180	383.90	ug/L	-0.01
Target Compounds						Qvalue
57) Diethylphthalate	8.939	149	9003	11.74	ug/L	95
73) Di-n-butylphthalate	10.565	149	20350	32.04	ug/L	98
83) bis(2-Ethylhexyl)phtha...	12.966	149	46265	308.34	ug/L	89

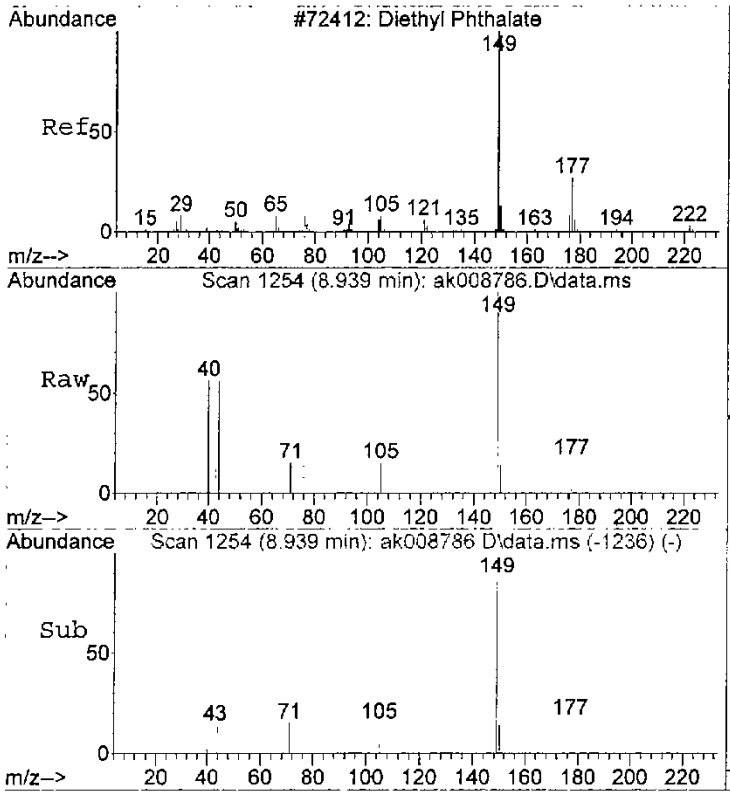
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : G:\DATA\040407_a\ak008786.D Vial: 16
Sample : MB 580-17263/1-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 22:51 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:10:44 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



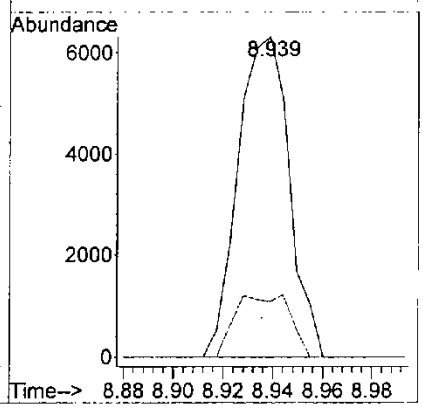
0004798

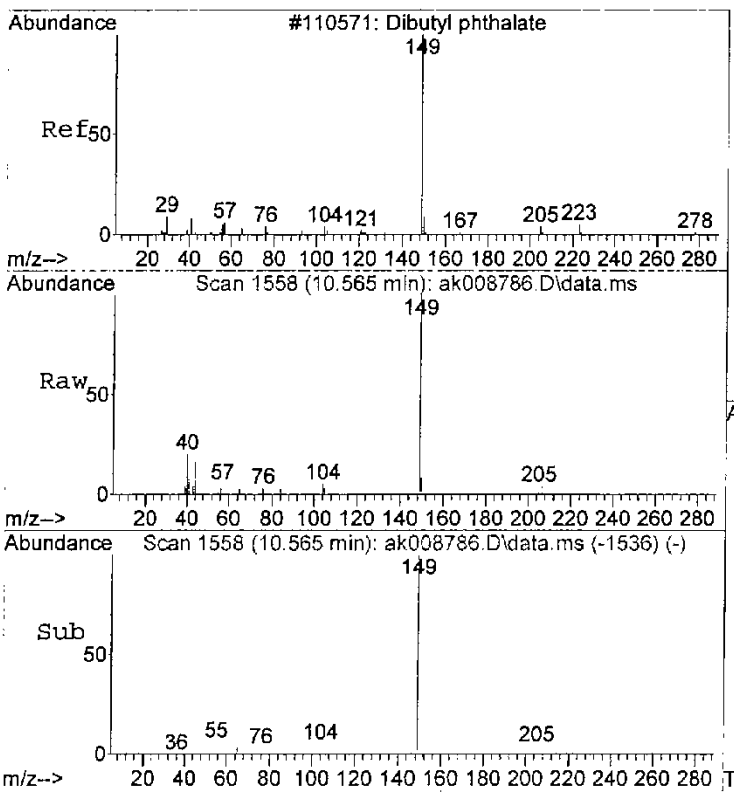


#57
Diethylphthalate
Concen: 11.74 ug/L
RT: 8.939 min Scan# 1254
Delta R.T. -0.005 min
Lab File: ak008786.D
Acq: 4 Apr 2007 22:51

Tgt Ion:149 Resp: 9003

Ion	Ratio	Lower	Upper
149	100		
177	17.2	0.0	49.3

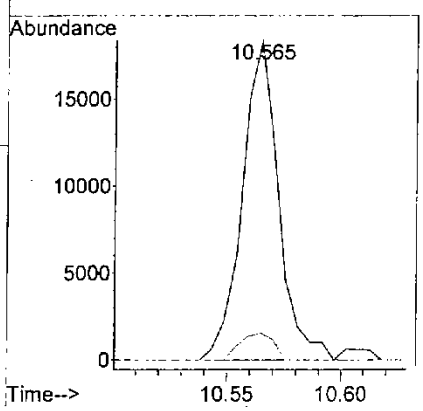


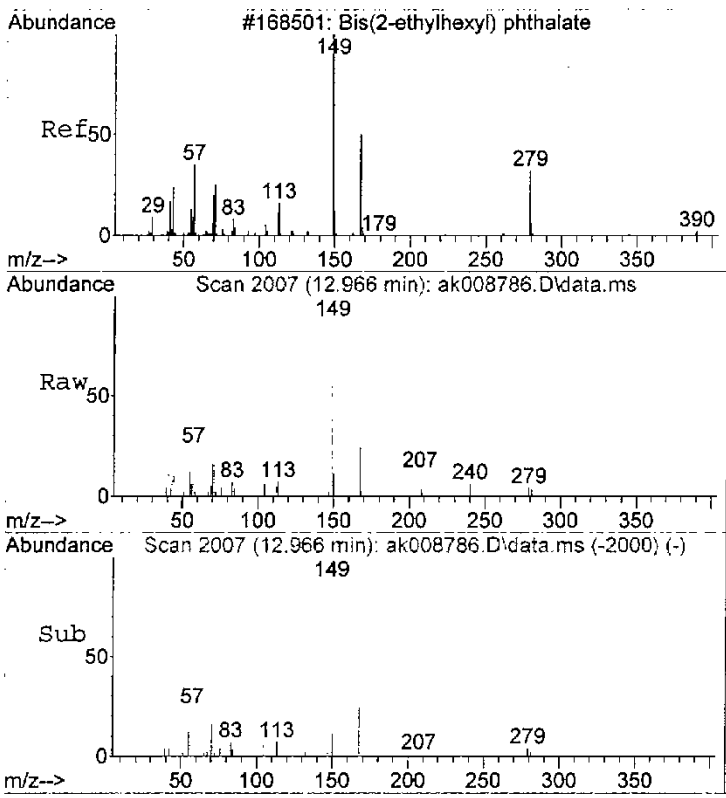


#73
Di-n-butylphthalate
Concen: 32.04 ug/L
RT: 10.565 min Scan# 1558
Delta R.T. -0.010 min
Lab File: ak008786.D
Acq: 4 Apr 2007 22:51

Tgt Ion:149 Resp: 20350

Ion	Ratio	Lower	Upper
149	100		
150	8.3	0.0	39.0

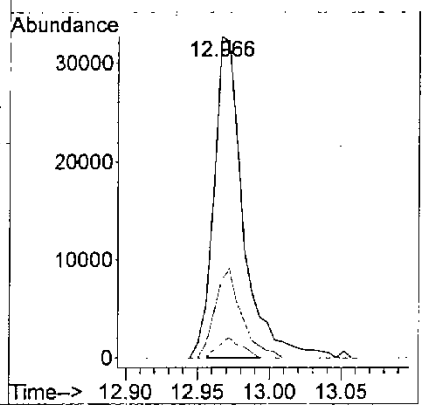




#83
bis(2-Ethylhexyl)phthalate
Concen: 308.34 ug/L
RT: 12.966 min Scan# 2007
Delta R.T. -0.065 min
Lab File: ak008786.D
Acq: 4 Apr 2007 22:51

Tgt Ion:149 Resp: 46265

Ion	Ratio	Lower	Upper
149	100		
167	23.7	0.4	60.4
279	4.1	0.0	35.8



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Data File : G:\DATA\040407_a\ak008787.D Vial: 17
Sample : LCS 580-17263/2-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 23:18 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	181949	1000.00	ug/L		0.00
21) Naphthalene - d8 (I)	7.077	136	699720	1000.00	ug/L		0.00
37) Acenaphthene - d10 (I)	8.559	162	349725	1000.00	ug/L		0.00
61) Phenanthrene - d10 (I)	9.939	188	521129	1000.00	ug/L		0.00
78) Chrysene - d12 (I)	12.886	240	318275	1000.00	ug/l		0.00
84) Perylene - d12 (I)	14.774	264	201387	1000.00	ug/L		0.00
System Monitoring Compounds							
4) 2 - Fluorophenol (S)	4.692	112	78272	338.19	ug/L		0.00
7) Phenol - d5 (S)	5.633	99	102119	365.61	ug/L		-0.01
22) Nitrobenzene - d5 (S)	6.462	82	47777	218.36	ug/L		0.01
42) 2 - Fluorobiphenyl (S)	7.987	172	176842	337.98	ug/L		0.00
64) 2,4,6 - Tribromophenol...	9.265	330	28352	394.08	ug/L		0.00
77) p - Terphenyl - d14 (S)	11.682	244	139838	419.69	ug/L		-0.01
Target Compounds							Qvalue
2) N-Nitrosodimethylamine	3.023	74	288973	2186.20	ug/L		99
3) Pyridine	3.018	79	508949	2045.34	ug/L		99
5) Cyclohexanone	4.991	55	31381	220.59	ug/l		92
6) Aniline	5.681	93	136166	407.62	ug/L		96
8) Phenol	5.644	94	135341	473.00	ug/L		93
9) bis(2-Chloroethyl)ether	6.879	93	128644	447.21	ug/L		94
10) 2-Chlorophenol	5.767	128	115641	457.54	ug/L		84
11) Decane	5.826	57	104428	420.57	ug/L		96
12) 1,3-Dichlorobenzene	5.911	146	137878	448.21	ug/L		98
13) 1,4-Dichlorobenzene	5.981	146	143586	458.28	ug/L		98
14) Benzyl alcohol	6.098	79	72831	435.50	ug/L		98
15) 1,2-Dichlorobenzene	6.115	146	134279	458.97	ug/L		97
16) 2-Methylphenol	6.195	108	104172	452.57	ug/L		98
17) bis(2-chloroisopropyl)...	6.222	45	127836	437.08	ug/L		94
18) 3-&4-Methylphenol	6.328	108	104836	456.25	ug/L		94
19) n-Nitroso-di-n-propyla...	6.339	70	67596	428.05	ug/L		98
20) Hexachloroethane	6.414	201	45359	441.05	ug/L		90
23) Nitrobenzene	6.478	77	103230	428.07	ug/L		97
24) Isophorone	6.692	82	182488	455.65	ug/L		97
25) 2-Nitrophenol	6.751	139	41252	388.42	ug/L		87
26) 2,4-Dimethylphenol	6.788	107	101458	456.00	ug/L		91
27) bis(2-Chloroethoxy)met...	6.879	93	128644	447.45	ug/L		92
28) Benzoic Acid	6.842	105	892	508.94	ug/L	#	19
29) 2,4-Dichlorophenol	6.954	162	84351	439.62	ug/L		95
30) 1,2,4-Trichlorobenzene	7.024	180	113403	466.39	ug/L		99
31) Naphthalene	7.093	128	378403	475.62	ug/L		99
32) 4-Chloroaniline	7.141	127	125119	475.13	ug/l		99
33) Hexachlorobutadiene	7.200	225	66801	473.17	ug/L		96
34) 4-Chloro-3-methylphenol	7.543	107	79021	440.25	ug/L		96
35) 2-Methylnaphthalene	7.682	141	188612	471.84	ug/L		99
36) 1-Methylnaphthalene	7.762	141	206675	483.95	ug/l		99
38) Hexachlorocyclopentadiene	7.810	237	31517	293.42	ug/L		97
39) 2,3-Dichloroaniline	7.917	161	113915	477.98	ug/L		99
40) 2,4,6-Trichlorophenol	7.912	196	58197	461.10	ug/L		62
41) 2,4,5-Trichlorophenol	7.938	196	61598	458.05	ug/L		97
43) 2-Chloronaphthalene	8.088	162	224148	499.94	ug/L		97
44) Biphenyl	8.072	154	288289	493.63	ug/L		99

Data File : G:\DATA\040407_a\ak008787.D Vial: 17
Sample : LCS 580-17263/2-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 23:18 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

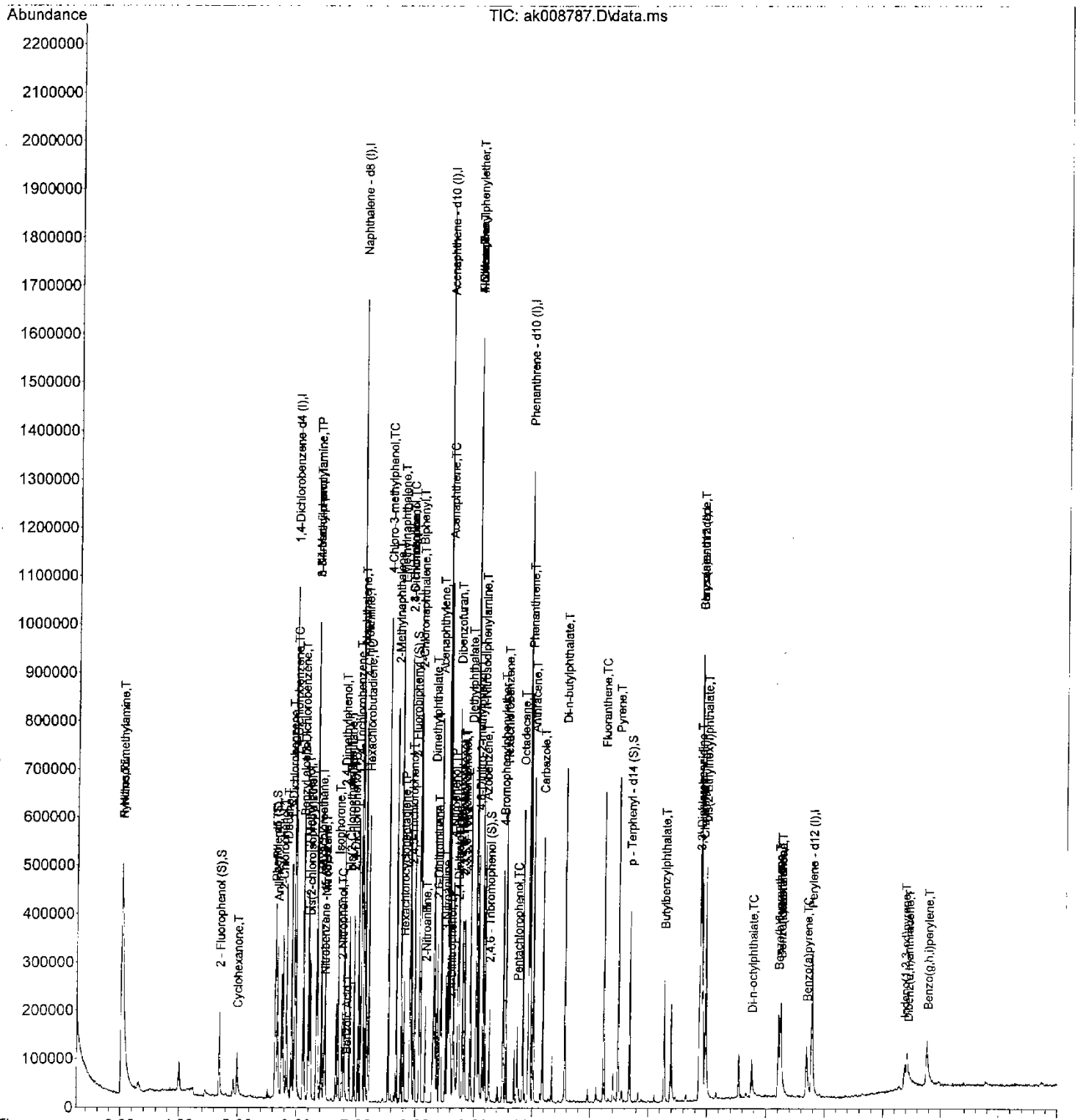
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.174	138	38193	349.85	ug/L		97
46) Dimethylphthalate	8.324	163	243337	523.91	ug/L		99
47) Acenaphthylene	8.436	152	315960	452.18	ug/L		99
48) 2,6-Dinitrotoluene	8.377	165	43826	444.68	ug/L		94
49) 3-Nitroaniline	8.516	138	36457	485.62	ug/L		92
50) Acenaphthene	8.586	153	229767	498.79	ug/L		99
51) 2,4-Dinitrophenol	8.607	184	20675	1051.91	ug/L	#	58
52) 4-Nitrophenol	8.644	109	63971	2163.84	ug/L		93
53) Dibenzofuran	8.735	168	310075	507.29	ug/L		96
54) 2,4-Dinitrotoluene	8.719	165	50026	467.65	ug/L		94
55) 2,3,4,6-Tetrachlorophenol	8.800	232	49082	445.84	ug/L		92
56) 2,3,5,6-Tetrachlorophenol	8.842	232	53778	492.19	ug/l		86
57) Diethylphthalate	8.939	149	235308	494.95	ug/L		94
58) Fluorene	9.046	166	237161	518.49	ug/L		100
59) 4-Chlorophenylphenylether	9.046	204	117901	520.34	ug/L		98
60) 4-Nitroaniline	9.051	108	21794	572.88	ug/L		92
62) 4,6-Dinitro-2-methylph...	9.082	198	80308	1747.65	ug/L		90
63) n-Nitrosodiphenylamine	9.153	169	181868	505.23	ug/l		100
65) Azobenzene	9.190	77	187449	477.82	ug/L		87
66) 4-Bromophenylphenylether	9.506	248	68029	523.49	ug/L		95
67) Hexachlorobenzene	9.554	284	95283	538.50	ug/L	#	1
68) Pentachlorophenol	9.746	266	25384	359.46	ug/L		94
69) Phenanthrene	9.966	178	316889	531.09	ug/L		90
70) Anthracene	10.019	178	272591	511.81	ug/L		97
71) Octadecane	9.837	57	109860	494.06	ug/L		85
72) Carbazole	10.180	167	220132	544.97	ug/L		87
73) Di-n-butylphthalate	10.565	149	354808	476.76	ug/L		99
74) Fluoranthene	11.233	202	268860	514.53	ug/L		99
75) Pyrene	11.485	202	288800	520.68	ug/L		99
76) Benzidine	11.399	184	34324	Below Cal		#	96
79) Butylbenzylphthalate	12.271	149	74073	415.15	ug/L		95
80) Benzo(a)anthracene	12.881	228	170213	483.38	ug/L		99
81) 3,3'-Dichlorobenzidine	12.865	252	80981	565.99	ug/L		95
82) Chrysene	12.918	228	196179	553.28	ug/L		97
83) bis(2-Ethylhexyl)phtha...	12.971	149	203952	754.84	ug/L		96
85) Di-n-octylphthalate	13.758	149	70250	436.78	ug/L		99
86) Benzo(b)fluoranthene	14.207	252	110432	420.27	ug/l		97
87) Benzo(k)fluoranthene	14.244	252	135253	496.76	ug/l		98
88) Benzofluoranthenes	14.243	252	279365	922.40	ug/L		89
89) Benzo(a)pyrene	14.688	252	95795	459.14	ug/L		99
90) Indeno(1,2,3-cd)pyrene	16.378	276	42674	313.75	ug/L		83
91) Dibenz(a,h)anthracene	16.444	278	68271	453.11	ug/L		91
92) Benzo(g,h,i)perylene	16.783	276	102467	519.46	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_a\ak008787.D Vial: 17
Sample : LCS 580-17263/2-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 23:18 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



Data File : G:\DATA\040407_a\ak008788.D Vial: 18
Sample : LCSD 580-17263/3-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 23:46 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	166712	1000.00	ug/L		0.00
21) Naphthalene - d8 (I)	7.077	136	636798	1000.00	ug/L		0.00
37) Acenaphthene - d10 (I)	8.559	162	323170	1000.00	ug/L		0.00
61) Phenanthrene - d10 (I)	9.939	188	524436	1000.00	ug/L		0.00
78) Chrysene - d12 (I)	12.886	240	405329	1000.00	ug/l		0.00
84) Perylene - d12 (I)	14.774	264	273588	1000.00	ug/L		0.00
System Monitoring Compounds							
4) 2 - Fluorophenol (S)	4.692	112	78072	367.62	ug/L		0.00
7) Phenol - d5 (S)	5.633	99	100811	393.91	ug/L		-0.01
22) Nitrobenzene - d5 (S)	6.462	82	43650	219.21	ug/L		0.01
42) 2 - Fluorobiphenyl (S)	7.987	172	167929	347.32	ug/L		0.00
64) 2,4,6 - Tribromophenol...	9.265	330	28966	399.36	ug/L		0.00
77) p - Terphenyl - d14 (S)	11.682	244	165409	493.31	ug/L		-0.01
Target Compounds							Qvalue
2) N-Nitrosodimethylamine	3.028	74	265151	2189.17	ug/L		95
3) Pyridine	3.023	79	468366	2053.85	ug/L		97
5) Cyclohexanone	4.991	55	28948	222.23	ug/l		95
6) Aniline	5.681	93	127544	416.31	ug/L		98
8) Phenol	5.644	94	129036	491.89	ug/L		91
9) bis(2-Chloroethyl)ether	6.879	93	118695	450.34	ug/L		98
10) 2-Chlorophenol	5.772	128	108141	466.73	ug/L		84
11) Decane	5.826	57	95751	420.87	ug/L		96
12) 1,3-Dichlorobenzene	5.911	146	130086	461.53	ug/L		96
13) 1,4-Dichlorobenzene	5.981	146	135885	473.34	ug/L		98
14) Benzyl alcohol	6.104	79	68257	445.21	ug/L		93
15) 1,2-Dichlorobenzene	6.115	146	125630	468.65	ug/L		97
16) 2-Methylphenol	6.195	108	97334	461.51	ug/L		96
17) bis(2-chloroisopropyl)...	6.227	45	118575	442.47	ug/L		95
18) 3-&4-Methylphenol	6.329	108	99151	470.41	ug/L		95
19) n-Nitroso-di-n-propyla...	6.339	70	62530	432.16	ug/L		98
20) Hexachloroethane	6.414	201	42310	449.01	ug/L		90
23) Nitrobenzene	6.478	77	96106	437.91	ug/L		98
24) Isophorone	6.692	82	168198	461.21	ug/L		98
25) 2-Nitrophenol	6.751	139	38851	400.38	ug/L		93
26) 2,4-Dimethylphenol	6.789	107	92648	457.49	ug/L		91
27) bis(2-Chloroethoxy)met...	6.879	93	118695	453.63	ug/L		98
28) Benzoic Acid	6.789	105	3228	537.08	ug/L	#	1
29) 2,4-Dichlorophenol	6.954	162	81767	466.56	ug/L		95
30) 1,2,4-Trichlorobenzene	7.024	180	105327	475.98	ug/L		100
31) Naphthalene	7.093	128	350355	483.88	ug/L		99
32) 4-Chloroaniline	7.141	127	116804	487.38	ug/l		100
33) Hexachlorobutadiene	7.200	225	61360	477.57	ug/L		98
34) 4-Chloro-3-methylphenol	7.543	107	71318	436.59	ug/L		93
35) 2-Methylnaphthalene	7.682	141	176914	486.31	ug/L		96
36) 1-Methylnaphthalene	7.762	141	192597	495.55	ug/l		98
38) Hexachlorocyclopentadiene	7.810	237	30896	309.91	ug/L		96
39) 2,3-Dichloroaniline	7.917	161	107291	487.17	ug/L		99
40) 2,4,6-Trichlorophenol	7.912	196	54123	463.85	ug/L		56
41) 2,4,5-Trichlorophenol	7.938	196	60871	487.55	ug/L		94
43) 2-Chloronaphthalene	8.088	162	209207	504.96	ug/L		97
44) Biphenyl	8.072	154	266859	494.48	ug/L		99

Data File : G:\DATA\040407_a\ak008788.D Vial: 18
Sample : LCSD 580-17263/3-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 23:46 Operator: CLZ
InstName : sea040

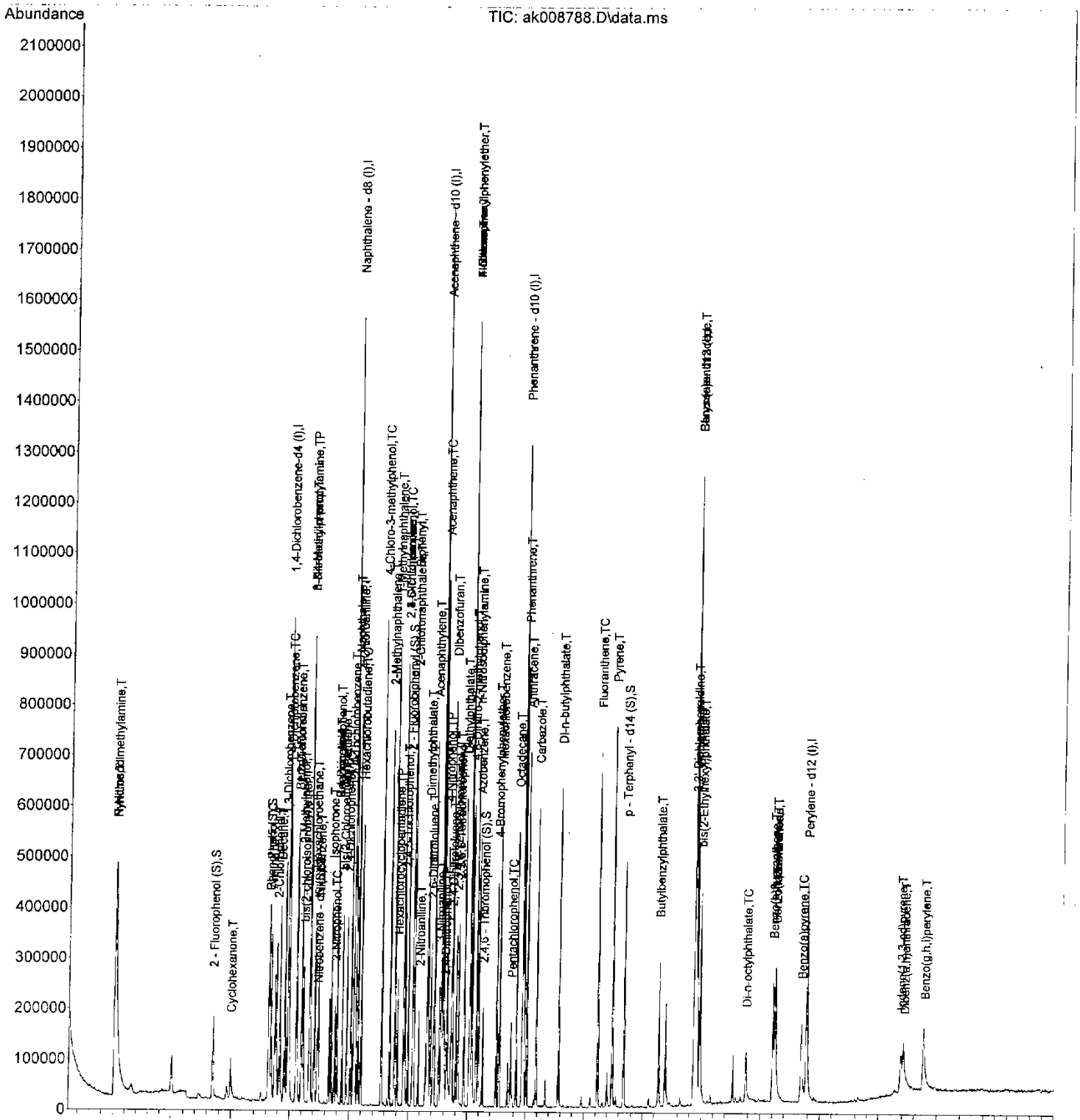
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2-Nitroaniline	8.174	138	36284	359.67 ug/L	95
46) Dimethylphthalate	8.329	163	219819	512.17 ug/L	94
47) Acenaphthylene	8.436	152	294219	455.67 ug/L	99
48) 2,6-Dinitrotoluene	8.377	165	40820	447.68 ug/L	93
49) 3-Nitroaniline	8.516	138	37560	541.43 ug/L	94
50) Acenaphthene	8.586	153	215886	507.17 ug/L	99
51) 2,4-Dinitrophenol	8.607	184	27853	1310.12 ug/L #	58
52) 4-Nitrophenol	8.650	109	65604	2372.79 ug/L	92
53) Dibenzofuran	8.735	168	294614	521.60 ug/L	97
54) 2,4-Dinitrotoluene	8.719	165	48893	491.14 ug/L	94
55) 2,3,4,6-Tetrachlorophenol	8.805	232	47340	462.36 ug/L	97
56) 2,3,5,6-Tetrachlorophenol	8.842	232	52364	516.59 ug/l	88
57) Diethylphthalate	8.939	149	209523	476.64 ug/L	98
58) Fluorene	9.046	166	225187	532.76 ug/L	97
59) 4-Chlorophenylphenylether	9.046	204	112619	537.87 ug/L	96
60) 4-Nitroaniline	9.051	108	22694	643.22 ug/L	92
62) 4,6-Dinitro-2-methylph...	9.082	198	90734	1906.42 ug/L	95
63) n-Nitrosodiphenylamine	9.153	169	173606	479.60 ug/l	99
65) Azobenzene	9.190	77	178288	451.60 ug/L	89
66) 4-Bromophenylphenylether	9.506	248	64983	496.89 ug/L	95
67) Hexachlorobenzene	9.554	284	88899	499.25 ug/L #	1
68) Pentachlorophenol	9.746	266	27304	384.21 ug/L	96
69) Phenanthrene	9.966	178	321059	534.69 ug/L	87
70) Anthracene	10.019	178	281075	524.42 ug/L	98
71) Octadecane	9.843	57	95710	427.71 ug/L	81
72) Carbazole	10.180	167	239127	588.27 ug/L	88
73) Di-n-butylphthalate	10.565	149	322312	430.37 ug/L	99
74) Fluoranthene	11.233	202	289029	549.64 ug/L	99
75) Pyrene	11.485	202	318869	571.26 ug/L	99
76) Benzidine	11.399	184	39419	Below Cal #	98
79) Butylbenzylphthalate	12.271	149	79857	360.93 ug/L	98
80) Benzo(a)anthracene	12.881	228	220871	492.53 ug/L	100
81) 3,3'-Dichlorobenzidine	12.865	252	106600	587.40 ug/L	97
82) Chrysene	12.918	228	244993	542.55 ug/L	100
83) bis(2-Ethylhexyl)phtha...	12.972	149	174679	529.70 ug/L	98
85) Di-n-octylphthalate	13.758	149	87581	415.76 ug/L	96
86) Benzo(b)fluoranthene	14.207	252	151409	424.15 ug/l	98
87) Benzo(k)fluoranthene	14.250	252	182400	493.13 ug/l	100
88) Benzofluoranthenes	14.241	252	374752	911.15 ug/L	85
89) Benzo(a)pyrene	14.688	252	131023	462.26 ug/L	98
90) Indeno(1,2,3-cd)pyrene	16.378	276	58958	319.08 ug/L	86
91) Dibenz(a,h)anthracene	16.440	278	90585	442.54 ug/L	99
92) Benzo(g,h,i)perylene	16.783	276	139877	521.97 ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : G:\DATA\040407_a\ak008788.D Vial: 18
Sample : LCSD 580-17263/3-AA
Misc : BT$S40040407A
Acq On : 4 Apr 2007 23:46 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



0044107

MATIX SPIKE / MATRIX SPIKE DUPLICATE

Data File : G:\DATA\040407_a\ak008796.D Vial: 26
Sample : 580-5453-C-9-L MS
Misc : BT$S40040407A
Acq On : 5 Apr 2007 3:25 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	192280	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	740633	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	374823	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.939	188	583632	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	328030	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	198990	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	84405	344.97	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	101869	345.12	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.462	82	62350	269.22	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.986	172	91940	163.95	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	18430	248.23	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.682	244	108547	290.89	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.028	74	272752	1963.58	ug/L	100
3) Pyridine	3.023	79	448907	1722.95	ug/L	97
5) Cyclohexanone	4.991	55	32718	217.35	ug/l	99
6) Aniline	5.681	93	100308	289.25	ug/L	96
8) Phenol	5.644	94	132458	438.49	ug/L	91
9) bis(2-Chloroethyl)ether	6.879	93	119071	391.69	ug/L	97
10) 2-Chlorophenol	5.767	128	109987	412.88	ug/L	84
11) Decane	5.825	57	59943	228.44	ug/L	96
12) 1,3-Dichlorobenzene	5.911	146	99495	306.06	ug/L	94
13) 1,4-Dichlorobenzene	5.981	146	104494	315.59	ug/L	98
14) Benzyl alcohol	6.098	79	76120	430.82	ug/L	95
15) 1,2-Dichlorobenzene	6.114	146	100351	324.57	ug/L	99
16) 2-Methylphenol	6.195	108	99608	409.49	ug/L	97
17) bis(2-chloroisopropyl)...	6.221	45	111023	359.20	ug/L	93
18) 3-&4-Methylphenol	6.328	108	105864	436.71	ug/L	97
19) n-Nitroso-di-n-propyla...	6.339	70	65314	391.38	ug/L	98
20) Hexachloroethane	6.414	201	27357	251.72	ug/L	85
23) Nitrobenzene	6.478	77	97519	382.05	ug/L	96
24) Isophorone	6.692	82	173619	411.60	ug/L	96
25) 2-Nitrophenol	6.751	139	45300	401.28	ug/L	89
26) 2,4-Dimethylphenol	6.788	107	100900	429.50	ug/L	93
27) bis(2-Chloroethoxy)met...	6.879	93	119071	391.27	ug/L	97
28) Benzoic Acid	6.826	105	91944	1398.70	ug/L	77
29) 2,4-Dichlorophenol	6.954	162	85935	424.10	ug/L	96
30) 1,2,4-Trichlorobenzene	7.024	180	99100	385.05	ug/L	97
31) Naphthalene	7.093	128	335013	397.82	ug/L	98
32) 4-Chloroaniline	7.141	127	106563	382.31	ug/l	98
33) Hexachlorobutadiene	7.200	225	54568	365.17	ug/L	98
34) 4-Chloro-3-methylphenol	7.542	107	82911	436.40	ug/L	96
35) 2-Methylnaphthalene	7.681	141	175489	414.76	ug/L	99
36) 1-Methylnaphthalene	7.762	141	198794	439.78	ug/l	98
38) Hexachlorocyclopentadiene	7.810	237	10090	100.56	ug/L	95
39) 2,3-Dichloroaniline	7.917	161	110378	432.12	ug/L	99
40) 2,4,6-Trichlorophenol	7.911	196	63687	470.12	ug/L	54
41) 2,4,5-Trichlorophenol	7.938	196	61991	432.09	ug/L	96
43) 2-Chloronaphthalene	8.088	162	207234	431.27	ug/L	98
44) Biphenyl	8.072	154	267444	427.28	ug/L	98

Data File : G:\DATA\040407_a\ak008796.D Vial: 26
Sample : 580-5453-C-9-L MS
Misc : BT$S40040407A
Acq On : 5 Apr 2007 3:25 Operator: CLZ
InstName : sea040

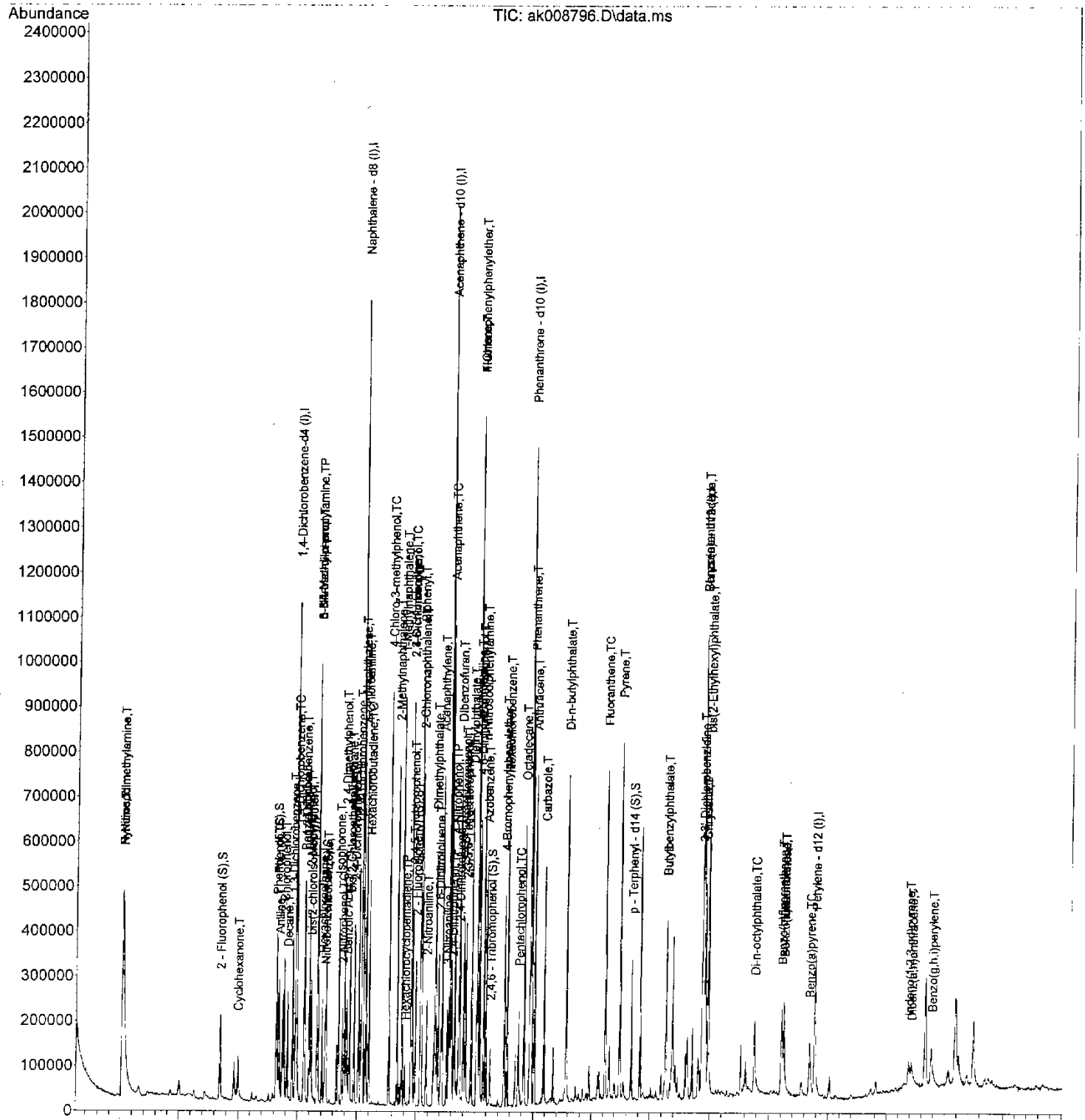
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 2-Nitroaniline	8.174	138	44184	377.63	ug/L		94
46) Dimethylphthalate	8.329	163	227354	456.73	ug/L		91
47) Acenaphthylene	8.436	152	298706	398.87	ug/L		99
48) 2,6-Dinitrotoluene	8.377	165	43926	420.23	ug/L		91
49) 3-Nitroaniline	8.516	138	36328	451.50	ug/L		90
50) Acenaphthene	8.585	153	219873	445.35	ug/L		99
51) 2,4-Dinitrophenol	8.607	184	36223	1408.76	ug/L	#	58
52) 4-Nitrophenol	8.650	109	63825	2031.71	ug/L		97
53) Dibenzofuran	8.735	168	290097	442.82	ug/L		96
54) 2,4-Dinitrotoluene	8.719	165	49686	437.69	ug/L		95
55) 2,3,4,6-Tetrachlorophenol	8.799	232	52045	441.82	ug/L		89
56) 2,3,5,6-Tetrachlorophenol	8.842	232	56043	479.61	ug/l		83
57) Diethylphthalate	8.938	149	230809	452.31	ug/L		95
58) Fluorene	9.045	166	232575	474.42	ug/L		98
59) 4-Chlorophenylphenylether	9.045	204	115723	476.53	ug/L		94
60) 4-Nitroaniline	9.056	108	20544	505.77	ug/L		91
62) 4,6-Dinitro-2-methylph...	9.081	198	106003	1978.49	ug/L		92
63) n-Nitrosodiphenylamine	9.152	169	179266	445.51	ug/l		99
65) Azobenzene	9.190	77	182462	415.29	ug/L		86
66) 4-Bromophenylphenylether	9.505	248	66795	458.95	ug/L		95
67) Hexachlorobenzene	9.553	284	93750	473.09	ug/L	#	1
68) Pentachlorophenol	9.746	266	33019	417.51	ug/L		98
69) Phenanthrene	9.965	178	340256	509.19	ug/L		89
70) Anthracene	10.019	178	285584	478.78	ug/L		99
71) Octadecane	9.837	57	114338	459.13	ug/L		84
72) Carbazole	10.179	167	226116	499.84	ug/L		89
73) Di-n-butylphthalate	10.564	149	391063	469.21	ug/L		100
74) Fluoranthene	11.233	202	312744	534.41	ug/L		100
75) Pyrene	11.484	202	332854	535.84	ug/L		99
76) Benzidine	11.399	184	20766	Below Cal		#	93
79) Butylbenzylphthalate	12.271	149	106505	554.76	ug/L		96
80) Benzo(a)anthracene	12.880	228	180038	496.08	ug/L		98
81) 3,3'-Dichlorobenzidine	12.864	252	81845	553.66	ug/L		99
82) Chrysene	12.918	228	181399	496.39	ug/L		99
83) bis(2-Ethylhexyl)phtha...	12.971	149	278039	976.71	ug/L		96
85) Di-n-octylphthalate	13.758	149	144258	717.17	ug/L		98
86) Benzo(b)fluoranthene	14.207	252	117752	453.52	ug/l		98
87) Benzo(k)fluoranthene	14.244	252	123798	460.16	ug/l		97
88) Benzofluoranthenes	14.239	252	270728	905.18	ug/L		81
89) Benzo(a)pyrene	14.688	252	99399	482.16	ug/L		99
90) Indeno(1,2,3-cd)pyrene	16.381	276	41593	309.48	ug/L		89
91) Dibenz(a,h)anthracene	16.434	278	47311	317.78	ug/L		97
92) Benzo(g,h,i)perylene	16.783	276	86868	445.69	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : G:\DATA\040407_a\ak008796.D Vial: 26
Sample : 580-5453-C-9-L MS
Misc : BT$S40040407A
Acq On : 5 Apr 2007 3:25 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



Data File : G:\DATA\040407_a\ak008797.D Vial: 27
Sample : 580-5453-C-9-M MSD
Misc : BT$S40040407A
Acq On : 5 Apr 2007 3:53 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	184971	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	719911	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	361584	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	584046	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	369251	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	260105	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	84313	357.98	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	102660	361.54	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.462	82	61619	273.72	ug/L	0.01
42) 2 - Fluorobiphenyl (S)	7.987	172	103039	190.47	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	18707	251.12	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.682	244	118416	317.11	ug/L	-0.01
Target Compounds						Qvalue
2) N-Nitrosodimethylamine	3.018	74	269703	2015.55	ug/L	96
3) Pyridine	3.012	79	452191	1799.69	ug/L	94
5) Cyclohexanone	4.991	55	31252	215.66	ug/l	99
6) Aniline	5.681	93	98035	293.61	ug/L	97
8) Phenol	5.644	94	126482	435.28	ug/L	95
9) bis(2-Chloroethyl)ether	6.879	93	116276	397.61	ug/L	97
10) 2-Chlorophenol	5.772	128	105252	410.78	ug/L	83
11) Decane	5.826	57	55889	221.41	ug/L	95
12) 1,3-Dichlorobenzene	5.911	146	88120	281.78	ug/L	97
13) 1,4-Dichlorobenzene	5.981	146	93632	293.96	ug/L	97
14) Benzyl alcohol	6.104	79	72422	426.20	ug/L	93
15) 1,2-Dichlorobenzene	6.115	146	90987	305.91	ug/L	100
16) 2-Methylphenol	6.195	108	97201	415.39	ug/L	97
17) bis(2-chloroisopropyl)...	6.221	45	104900	352.80	ug/L	96
18) 3-&4-Methylphenol	6.328	108	102339	438.77	ug/L	99
19) n-Nitroso-di-n-propyla...	6.339	70	63671	396.61	ug/L	98
20) Hexachloroethane	6.414	201	23267	222.54	ug/L	90
23) Nitrobenzene	6.478	77	94241	379.83	ug/L	95
24) Isophorone	6.687	82	164765	402.33	ug/L	98
25) 2-Nitrophenol	6.751	139	44456	404.70	ug/L	94
26) 2,4-Dimethylphenol	6.788	107	98170	429.90	ug/L	92
27) bis(2-Chloroethoxy)met...	6.879	93	116276	393.09	ug/L	96
28) Benzoic Acid	6.831	105	115714	1655.53	ug/L	79
29) 2,4-Dichlorophenol	6.954	162	82210	417.80	ug/L	97
30) 1,2,4-Trichlorobenzene	7.024	180	93848	375.14	ug/L	97
31) Naphthalene	7.093	128	318851	389.53	ug/L	98
32) 4-Chloroaniline	7.141	127	103033	380.29	ug/l	99
33) Hexachlorobutadiene	7.200	225	50662	348.79	ug/L	96
34) 4-Chloro-3-methylphenol	7.543	107	79769	431.95	ug/L	94
35) 2-Methylnaphthalene	7.676	141	168263	409.13	ug/L	98
36) 1-Methylnaphthalene	7.762	141	189193	430.59	ug/l	99
38) Hexachlorocyclopentadiene	7.810	237	9374	97.49	ug/L	89
39) 2,3-Dichloroaniline	7.917	161	106678	432.93	ug/L	97
40) 2,4,6-Trichlorophenol	7.912	196	58433	448.71	ug/L	56
41) 2,4,5-Trichlorophenol	7.938	196	64935	466.39	ug/L	93
43) 2-Chloronaphthalene	8.088	162	200665	432.89	ug/L	98
44) Biphenyl	8.072	154	256011	423.99	ug/L	99

Data File : G:\DATA\040407_a\ak008797.D Vial: 27
Sample : 580-5453-C-9-M MSD
Misc : BT$S40040407A
Acq On : 5 Apr 2007 3:53 Operator: CLZ
InstName : sea040

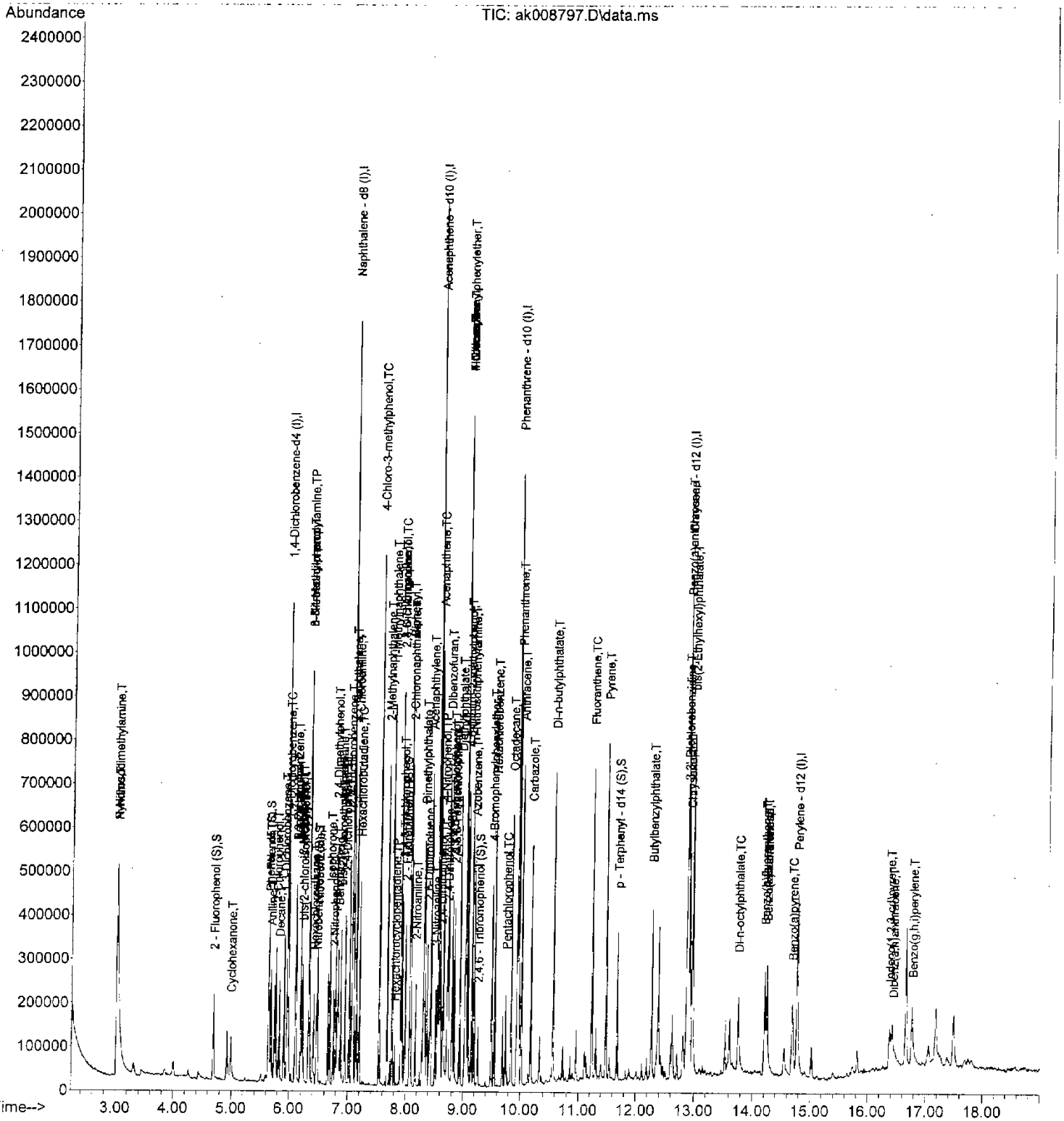
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2-Nitroaniline	8.174	138	44368	393.08 ug/L	95
46) Dimethylphthalate	8.329	163	218982	456.01 ug/L	90
47) Acenaphthylene	8.436	152	292407	404.75 ug/L	99
48) 2,6-Dinitrotoluene	8.377	165	43291	427.86 ug/L	90
49) 3-Nitroaniline	8.516	138	36661	472.32 ug/L	87
50) Acenaphthene	8.586	153	211753	444.61 ug/L	98
51) 2,4-Dinitrophenol	8.607	184	41855	1587.63 ug/L #	56
52) 4-Nitrophenol	8.650	109	67458	2201.85 ug/L	89
53) Dibenzofuran	8.735	168	282328	446.74 ug/L	97
54) 2,4-Dinitrotoluene	8.719	165	49349	448.91 ug/L	93
55) 2,3,4,6-Tetrachlorophenol	8.805	232	51849	454.04 ug/L	99
56) 2,3,5,6-Tetrachlorophenol	8.842	232	56652	500.78 ug/l	85
57) Diethylphthalate	8.939	149	224769	456.68 ug/L	97
58) Fluorene	9.046	166	225976	477.83 ug/L	100
59) 4-Chlorophenylphenylether	9.046	204	110874	473.28 ug/L	96
60) 4-Nitroaniline	9.051	108	22986	584.05 ug/L	96
62) 4,6-Dinitro-2-methylph...	9.082	198	109430	2026.43 ug/L	93
63) n-Nitrosodiphenylamine	9.153	169	176632	438.77 ug/l	99
65) Azobenzene	9.190	77	177092	402.79 ug/L	85
66) 4-Bromophenylphenylether	9.506	248	67427	462.96 ug/L	96
67) Hexachlorobenzene	9.554	284	91181	459.80 ug/L #	1
68) Pentachlorophenol	9.746	266	32374	409.06 ug/L	97
69) Phenanthrene	9.966	178	322500	482.27 ug/L	88
70) Anthracene	10.019	178	284355	476.39 ug/L	98
71) Octadecane	9.837	57	110513	443.46 ug/L	84
72) Carbazole	10.180	167	234761	518.58 ug/L	88
73) Di-n-butylphthalate	10.565	149	377147	452.19 ug/L	98
74) Fluoranthene	11.233	202	302952	517.31 ug/L	98
75) Pyrene	11.485	202	323358	520.18 ug/L	97
76) Benzidine	11.399	184	20281	Below Cal #	95
79) Butylbenzylphthalate	12.271	149	105285	494.71 ug/L	97
80) Benzo(a)anthracene	12.875	228	196042	479.87 ug/L	96
81) 3,3'-Dichlorobenzidine	12.865	252	103413	630.07 ug/L	97
82) Chrysene	12.918	228	196161	476.86 ug/L	98
83) bis(2-Ethylhexyl)phtha...	12.966	149	298776	935.44 ug/L	98
85) Di-n-octylphthalate	13.758	149	151905	610.97 ug/L	97
86) Benzo(b)fluoranthene	14.207	252	144313	425.22 ug/l	99
87) Benzo(k)fluoranthene	14.244	252	158325	450.23 ug/l	97
88) Benzofluoranthenes	14.239	252	333571	854.83 ug/L	89
89) Benzo(a)pyrene	14.688	252	131610	488.40 ug/L	100
90) Indeno(1,2,3-cd)pyrene	16.381	276	66295	377.38 ug/L	93
91) Dibenz(a,h)anthracene	16.446	278	94572	485.97 ug/L	90
92) Benzo(g,h,i)perylene	16.781	276	128125	502.90 ug/L	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : G:\DATA\040407_a\ak008797.D Vial: 27
Sample : 580-5453-C-9-M MSD
Misc : BT$S40040407A
Acq On : 5 Apr 2007 3:53 Operator: CLZ
InstName : sea040

DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES



LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17263

Analyst: Durrant, Stephanie

Batch Open: 4/4/2007 6:36:14AM

Method Code: 580-3550B_LL-580

Batch End:

Ultrasonic Extraction (Low Level)

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Dlv Rank	Comments	Output Sample Lab ID
1	MB~580-17263/1 N/A	N/A	20 g	2 mL	N/A	N/A	N/A		
2	LCS~580-17263/2 N/A	N/A	20 g	2 mL	N/A	N/A	N/A		
3	LCSD~580-17263/3 N/A	N/A	20 g	2 mL	N/A	N/A	N/A		
4	580-5372-A-3 (8270C)	N/A	20.3340 g	2 mL	4/10/07	13_Days - E	4		
5	580-5385-B-11 (8270C)	N/A	20.5909 g	2 mL	4/4/07	8_Days - R	4	SOME SAMPLE LOST IN EVAP	
6	580-5385-B-12 (8270C)	N/A	20.2425 g	2 mL	4/11/07	13_Days - E	4		
7	580-5404-A-13 (8270C)	N/A	20.1434 g	2 mL	4/12/07	13_Days - E	4		
8	580-5404-A-14 (8270C)	N/A	20.5359 g	2 mL	4/12/07	13_Days - E	4		
9	580-5407-A-6 (8270C)	N/A	20.1602 g	2 mL	4/12/07	13_Days - E	4		
10	580-5407-A-5 (8270C)	N/A	20.4017 g	2 mL	4/12/07	13_Days - E	4		
11	580-5453-C-9 (8270C)	N/A	20.4410 g	2 mL	4/12/07	8_Days - R	2		
12	580-5453-C-9~MS (8270C)	N/A	20.6315 g	2 mL	4/12/07	8_Days - R	2		
13	580-5453-C-9~MSD (8270C)	N/A	20.9095 g	2 mL	4/12/07	8_Days - R	2		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17263

Analyst: Durrant, Stephanie

Batch Open: 4/4/2007 6:36:14AM

Method Code: 580-3550B_LL-580

Batch End:

Batch Notes

Batch Comment	
Person's name who did the concentration	
Vendor lot number	C40465
Prep Solvent Volume Used	10
Person's name who witnessed reagent drop	
Solvent	methylene chloride
Vendor of Reagent used	jt baker

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17263

Analyst: Durrant, Stephanie

Batch Open: 4/4/2007 6:36:14AM

Method Code: 580-3550B_LL-580

Batch End:

Comments

Login Comments for Job 5372: PND07-9 4oz soil jar rcvd broken...
PHD07-9 Methanol preserved sample in non pretared jar...

580-5372-A-3	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5385-B-11	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5385-B-12	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5404-A-13	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5404-A-14	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5407-A-6	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5407-A-5	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5453-C-9	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5453-C-9~MS	Method Comments: Low Level - Extract 20 grams to 2 mls
580-5453-C-9~MSD	Method Comments: Low Level - Extract 20 grams to 2 mls

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17263

Method Code: 580-3550B_LL-580

Analyst: Durrant, Stephanie

Batch Open: 4/4/2007 6:36:14AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17263/1	8270surr_00025	10 uL	2 mL		
LCS 580-17263/2	8270flspk_00015	10 uL	2 mL		
LCS 580-17263/2	8270surr_00025	10 uL	2 mL		
LCSD 580-17263/3	8270flspk_00015	10 uL	2 mL		
LCSD 580-17263/3	8270surr_00025	10 uL	2 mL		
580-5372-A-3	8270surr_00025	10 uL	2 mL		
580-5385-B-11	8270surr_00025	10 uL	2 mL		
580-5385-B-12	8270surr_00025	10 uL	2 mL		
580-5404-A-13	8270surr_00025	10 uL	2 mL		
580-5404-A-14	8270surr_00025	10 uL	2 mL		
580-5407-A-6	8270surr_00025	10 uL	2 mL		
580-5407-A-5	8270surr_00025	10 uL	2 mL		
580-5453-C-9	8270surr_00025	10 uL	2 mL		
580-5453-C-9 MS	8270flspk_00015	10 uL	2 mL		
580-5453-C-9 MS	8270surr_00025	10 uL	2 mL		
580-5453-C-9 MSD	8270flspk_00015	10 uL	2 mL		
580-5453-C-9 MSD	8270surr_00025	10 uL	2 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17263

Analyst: Durrant, Stephanie

Batch Open: 4/4/2007 6:36:14AM

Method Code: 580-3550B_LL-580

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

ORGANOCHLORINE PESTICIDES DATA PACKAGE

SAMPLE DATA

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:03:37 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
2)	SR Tetrachloro-m-xy	5.40	6.43	29512044	19088345	10.927	10.311
	Spiked Amount 20.000	Range 60 - 150		Recovery =		54.63%#	51.55%#
26)	SR Decachlorobiphen	11.18	12.36	8280301	4950443	5.384	6.572
	Spiked Amount 20.000	Range 60 - 150		Recovery =		26.92%#	32.86%#
	Target Compounds						
1) T	Hexachlorobutadi	0.00	0.00	0	0	N.D. d	N.D. d
3)	alpha-BHC	0.00	0.00	0	0	N.D.	N.D.
4) T	Hexachlorobenzen	0.00	0.00	0	0	N.D.	N.D. d
5) M	gamma-BHC (Linda	6.38	7.34	115347	70032	<MDL m	<MDL m#
6)	beta-BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta-BHC	7.02f	0.00	-100229	0	N.D.	N.D.
8) M	Heptachlor	0.00	0.00	0	0	N.D. d	N.D.
9) M	Aldrin	0.00	0.00	0	0	N.D. d	N.D. d
10)	Heptachlor Epoxi	0.00	0.00	0	0	N.D.	N.D.
11)	gamma-Chlordane	0.00	0.00	0	0	N.D. d	N.D.
12)	alpha-Chlordane	0.00	0.00	0	0	N.D. d	N.D. d
13)	Endosulfan I	0.00	9.32	0	91897	N.D. d	<MDL
14)	4,4'-DDE	8.38	9.46	338214	193303	0.146m	0.142
15) M	Dieldrin	0.00	0.00	0	0	N.D.	N.D.
16) M	Endrin	0.00	0.00	0	0	N.D.	N.D. d
17)	4,4'-DDD	0.00	0.00	0	0	N.D.	N.D.
18)	Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19) M	4,4'-DDT	9.30	10.31	1063912	114346	0.776 matrix int	0.131m#
20)	Endrin Aldehyde	0.00	0.00	0	0	N.D.	N.D. d
21)	Endosulfan Sulfa	0.00	0.00	0	0	N.D.	N.D.
22)	Methoxychlor	0.00	0.00	0	0	N.D.	N.D. d
23)	Endrin Ketone	0.00	0.00	0	0	N.D.	N.D. d
24) T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)	Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

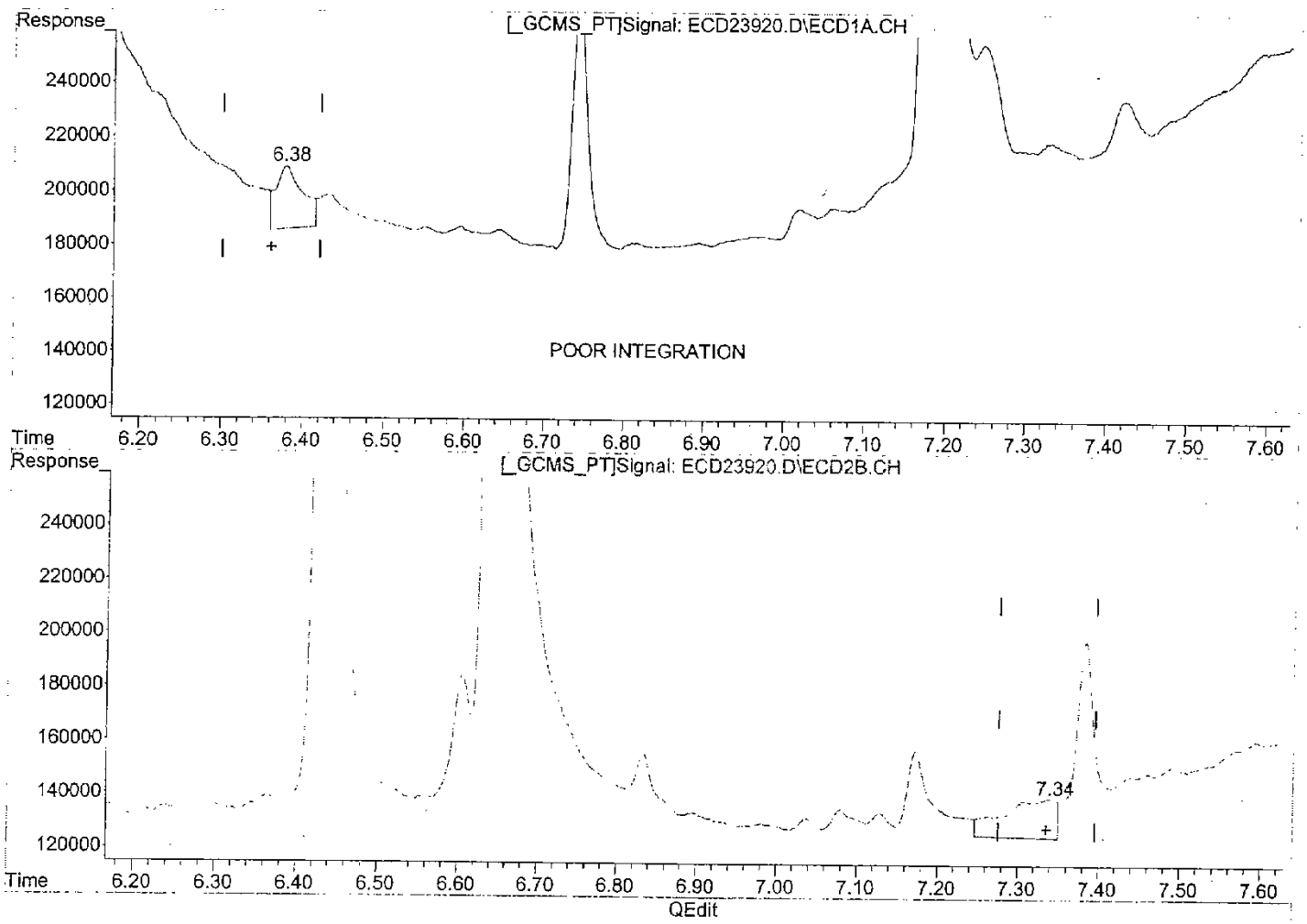
ATM 4/19/07

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ECD23920.D 070313_8081.M Wed Apr 04 16:18:28 2007 A Page 1

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.38min 0.152ug/L

response 528853

(5) gamma-BHC (LIndane) #2 (M)

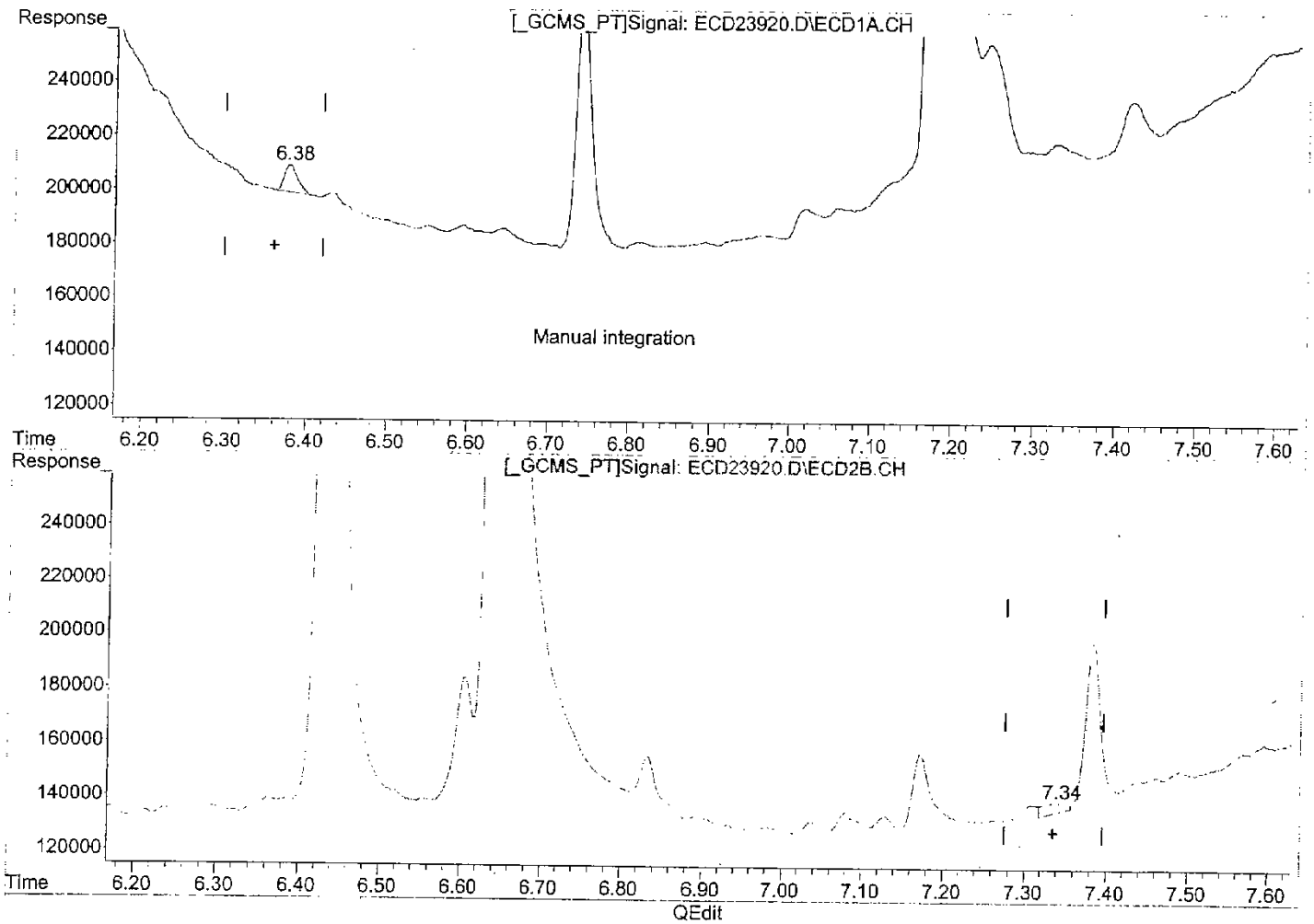
7.34min 0.308ug/L

response 661046

(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.38min 0.033ug/L m

response 115347

(5) gamma-BHC (Lindane) #2 (M)

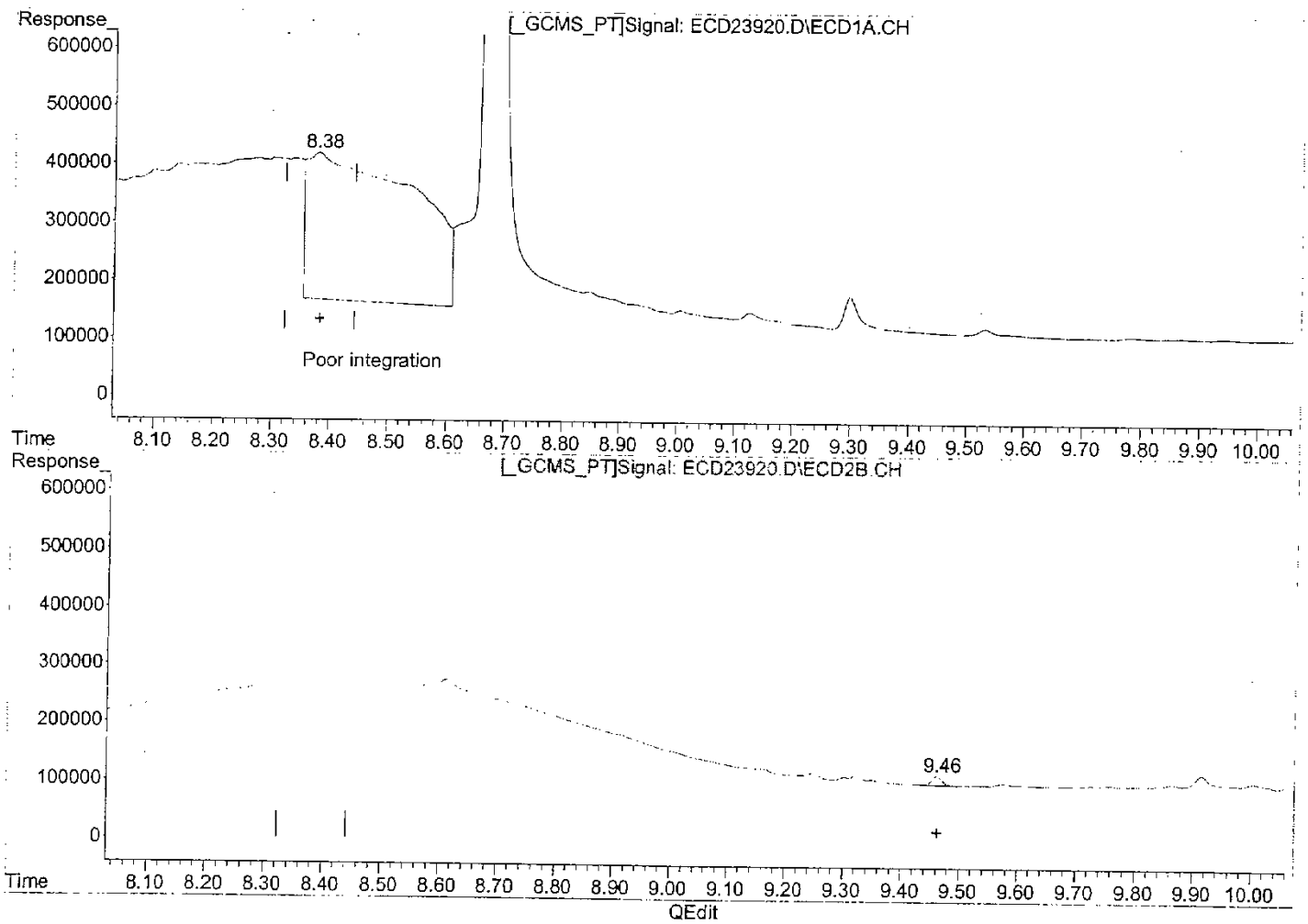
7.34min 0.033ug/L m

response 70032

(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(14) 4,4'-DDE

8.38min 13.904ug/L

response 32133804

(14) 4,4'-DDE #2

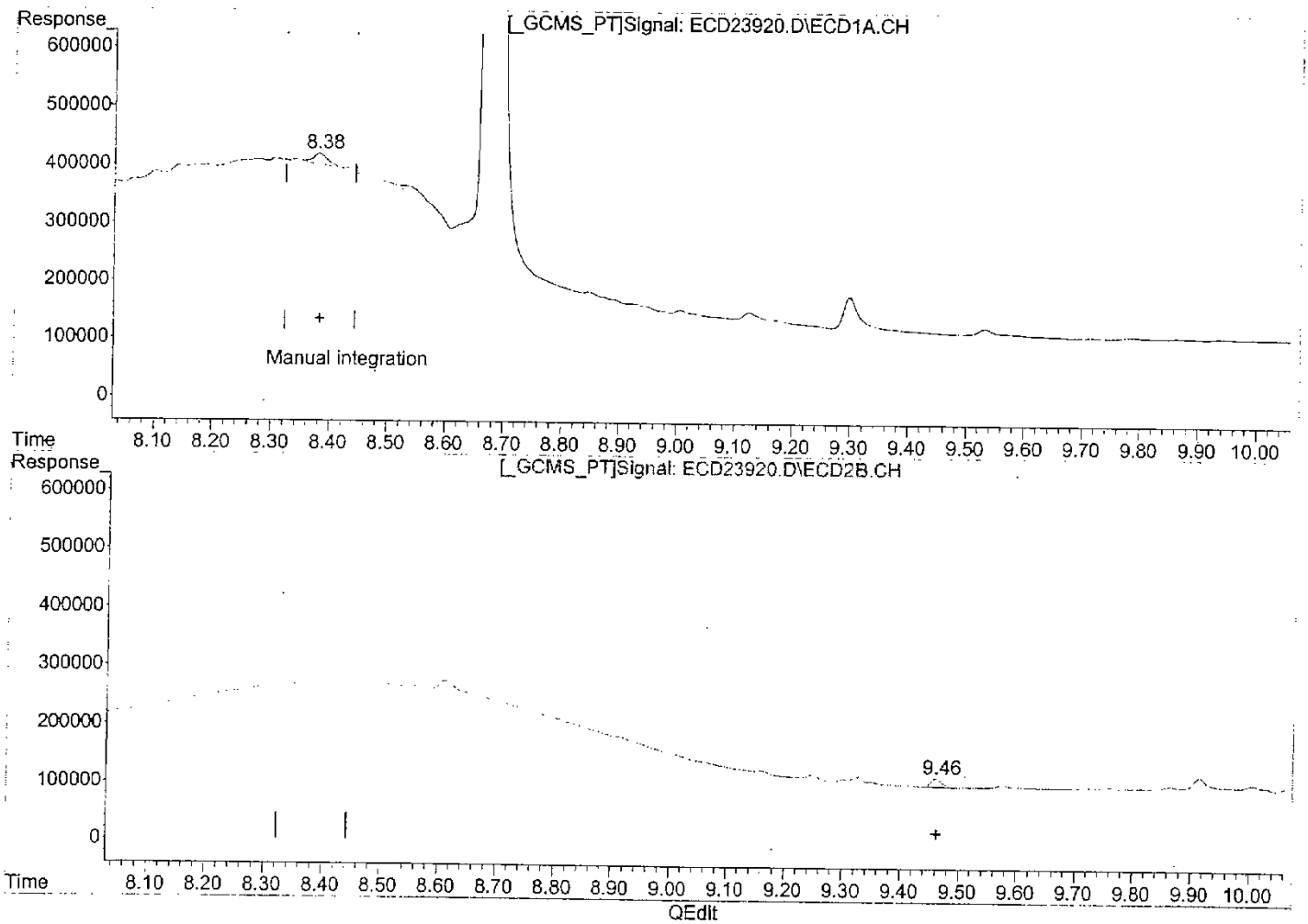
9.46min 0.142ug/L

response 193303

(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(14) 4,4'-DDE

8.38min 0.146ug/L m

response 338214

(14) 4,4'-DDE #2

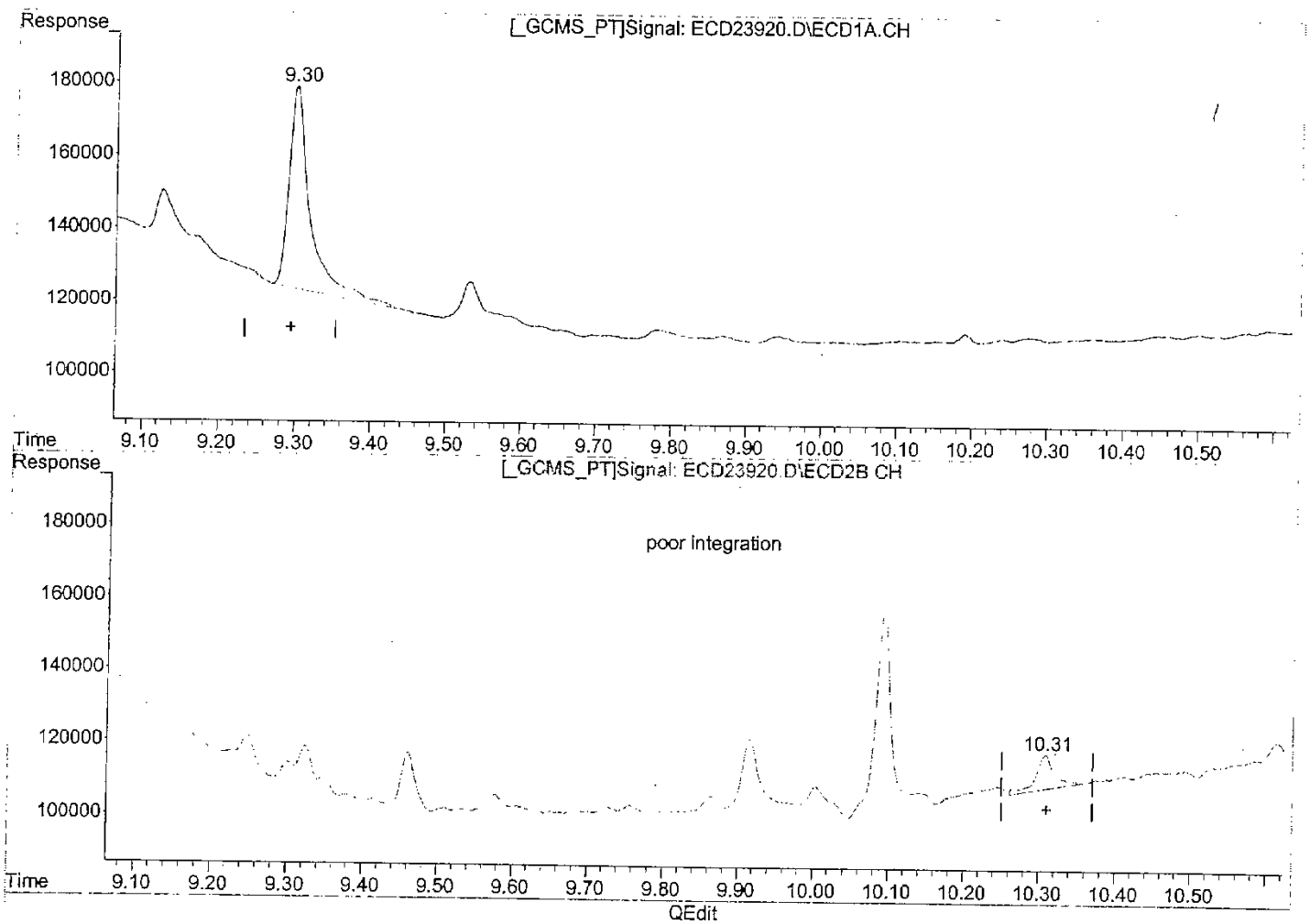
9.46min 0.142ug/L

response 193303

(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(19) 4,4'-DDT (M)

9.30min 0.776ug/L

response 1063912

(19) 4,4'-DDT #2 (M)

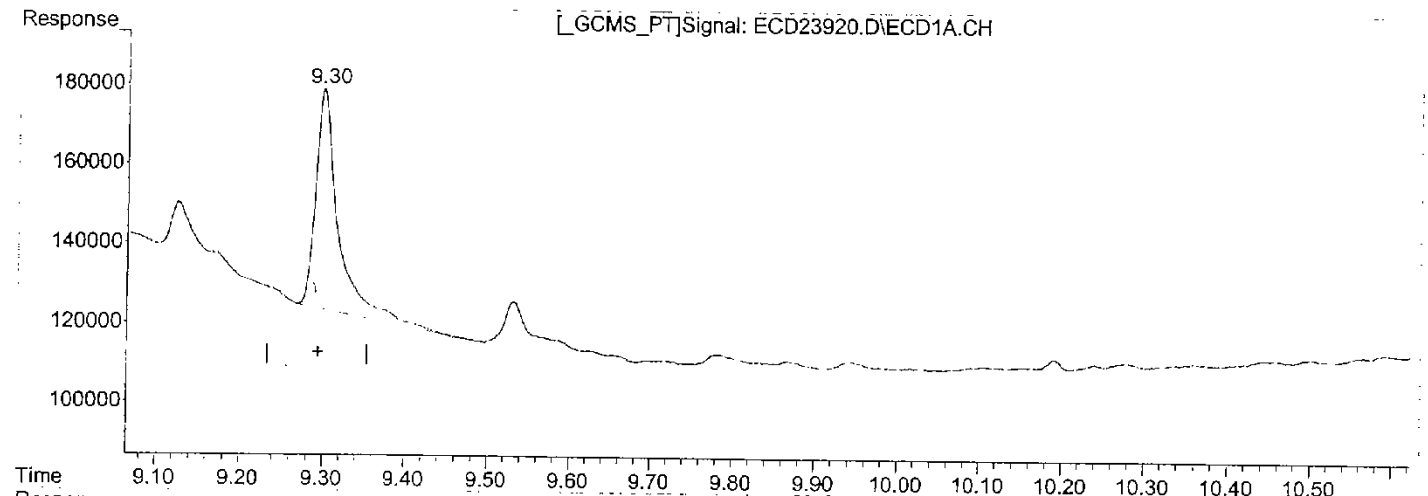
10.31min 0.181ug/L

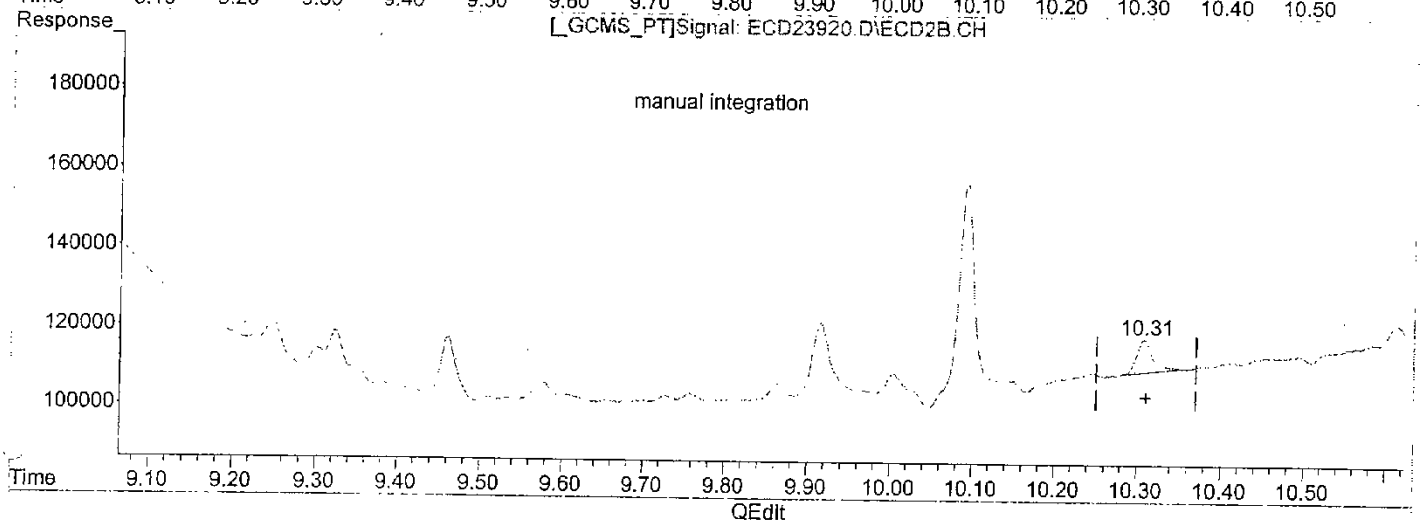
response 157954

(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration





(19) 4,4'-DDT (M)

9.30min 0.776ug/L

response 1063912

(19) 4,4'-DDT #2 (M)

10.31min 0.131ug/L m

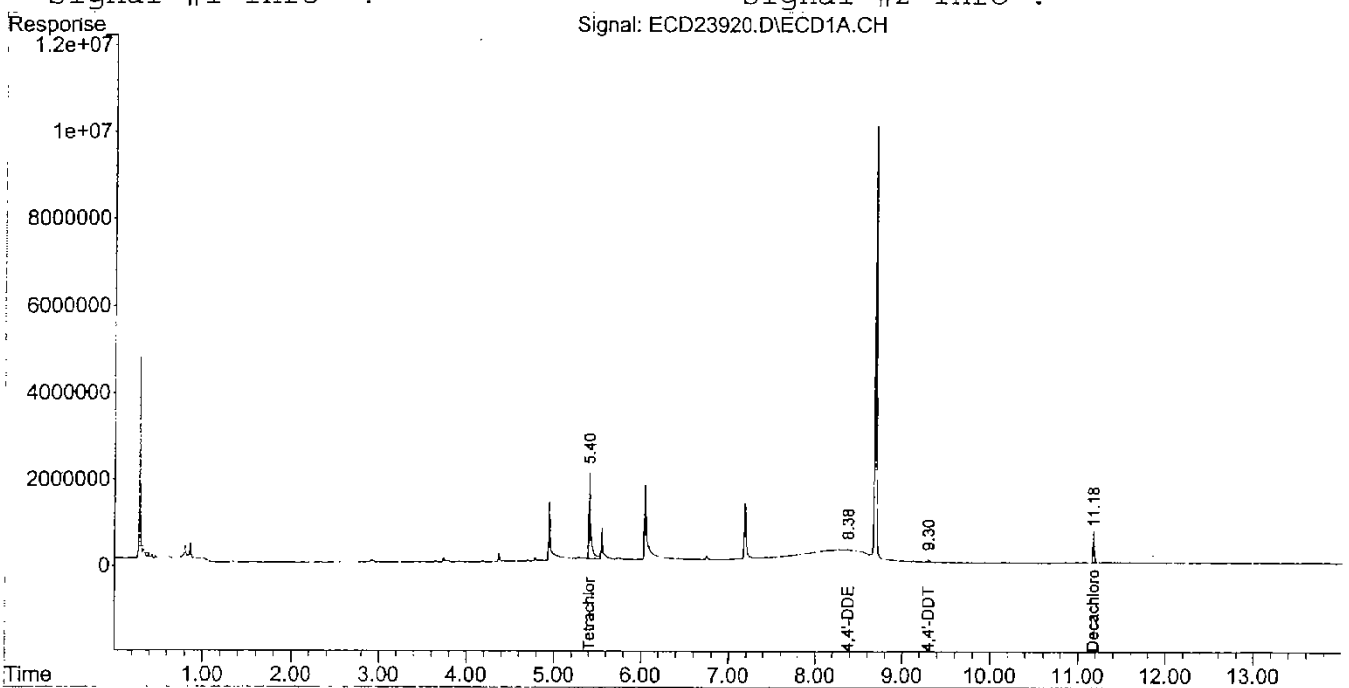
response 114346

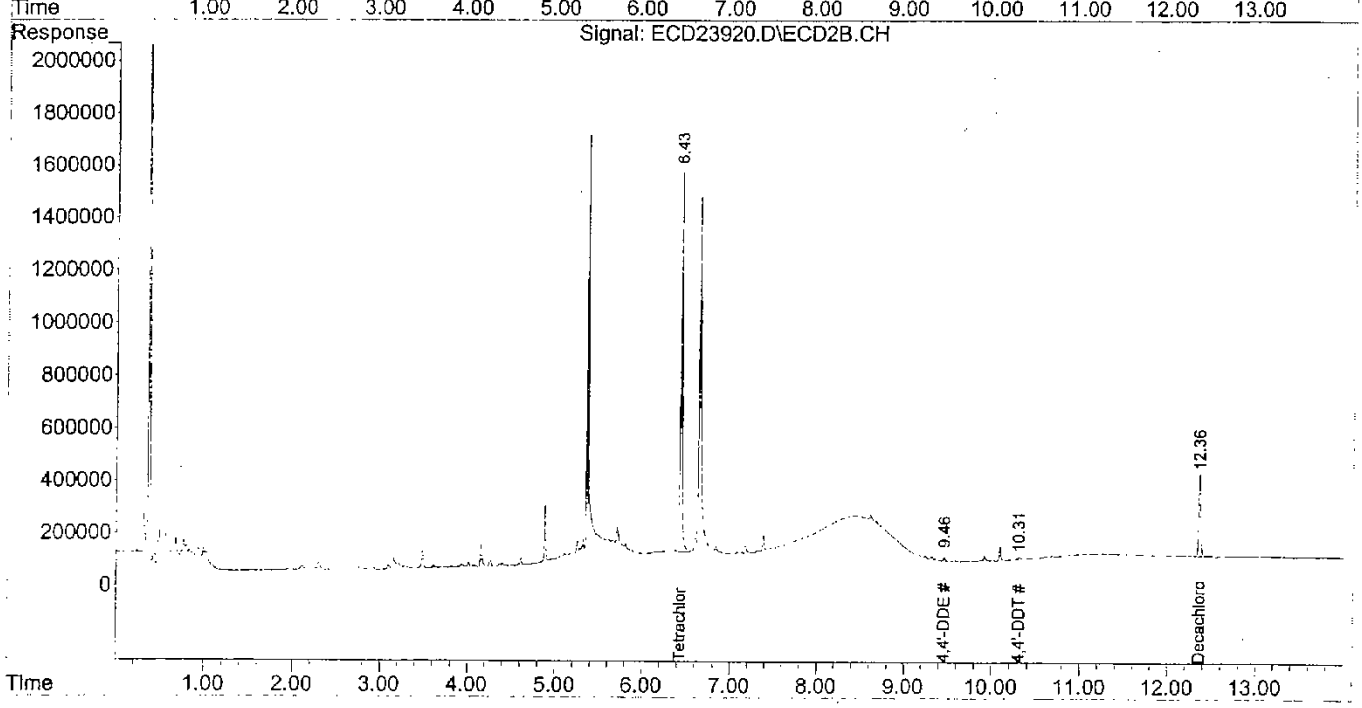
(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:18 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:03:37 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.43	29512044	19088345	10.927	10.311
		Spiked Amount 20.000	Range 60 - 150			Recovery =	54.63%#	51.55%#
26)	SR	Decachlorobiphen	11.18	12.36	8280301	4950443	5.384	6.572
		Spiked Amount 20.000	Range 60 - 150			Recovery =	26.92%#	32.86%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.19	4.15	116630	1218282	0.023 RTOFF	0.355 #
3)		alpha-BHC	0.00	0.00	0	0	N.D.	N.D.
4)	T	Hexachlorobenzen	0.00	7.08f	0	155901	N.D. NC	0.079 #
5)	M	gamma-BHC (Linda	6.38	7.34	528853	661046	0.152	0.308 #✓
6)		beta-BHC	0.00	0.00	0	0	N.D.	N.D.
7)		delta-BHC	7.02f	0.00	-100229	0	N.D.	N.D.
8)	M	Heptachlor	6.74f	0.00	1221685	0	0.396 NC	N.D. #
9)	M	Aldrin	7.18f	8.40	19259630	3222989	6.284 RTOFF	1.718 #
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D.	N.D.
11)		gamma-Chlordane	8.04	0.00	14530590	0	5.451 NC	N.D. #
12)		alpha-Chlordane	8.14	9.32	4879502	91897	1.901	0.062 #NTA
13)		Endosulfan I	8.19	9.32	2912006	91897	1.225 NC	<MDL #
14)		4,4'-DDE	8.38	9.46	32133804	193303	13.904	0.142 #✓
15)	M	Dieldrin	0.00	0.00	0	0	N.D.	N.D.
16)	M	Endrin	0.00	9.92f	0	432044	N.D.	0.353 NC
17)		4,4'-DDD	0.00	0.00	0	0	N.D.	N.D.
18)		Endosulfan II	9.13	10.09f	684025	884324	0.337	0.751 #RTOFF
19)	M	4,4'-DDT	9.30	10.31	1063912	157954	0.776 matrix interf	0.181 #✓
20)		Endrin Aldehyde	0.00	10.25	0	110109	N.D.	0.122 NC
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D.	N.D.
22)		Methoxychlor	0.00	10.68f	0	48552	N.D.	0.107 #NC
23)		Endrin Ketone	0.00	10.91	0	131983	N.D.	0.124 NC
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

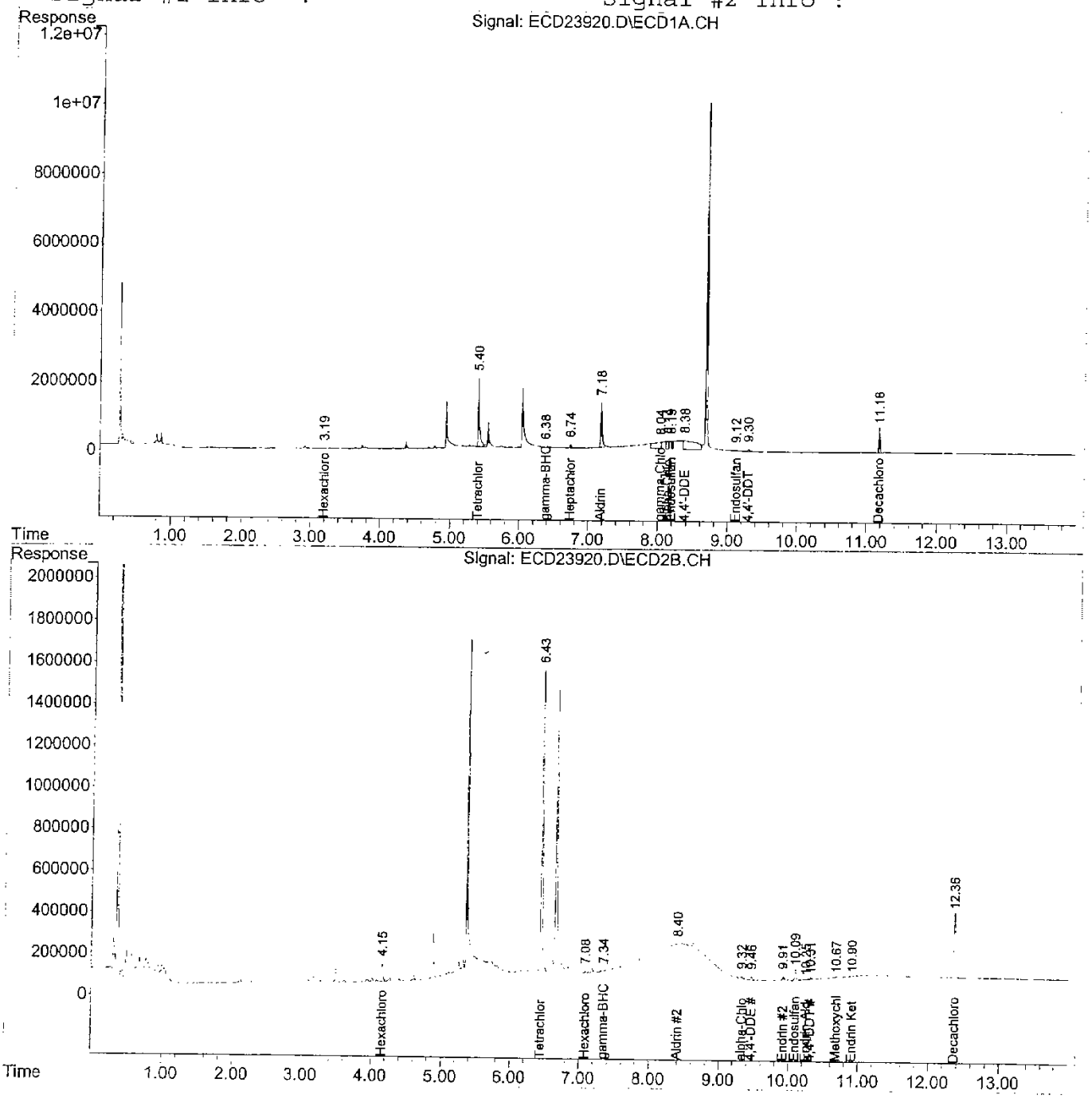
Data File Name	ECD23920.D
Sample Name	580-5453-C-9-A
RT STD File Name	ECD22089.D

Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	3.192	3.160	FAIL	4.154	4.160	PASS
Tetrachloro-m-xylene (S)	5.403	5.403	PASS	6.434	6.435	PASS
alpha-BHC	0.000	5.965	FAIL	0.000	6.941	FAIL
Hexachlorobenzene	0.000	5.868	FAIL	7.080	7.039	FAIL
gamma-BHC (Lindane)	6.378	6.359	PASS	7.339	7.336	PASS
beta-BHC	0.000	6.657	FAIL	0.000	7.657	FAIL
delta-BHC	7.019	6.988	PASS	0.000	7.965	FAIL
Heptachlor	6.742	6.777	FAIL	0.000	8.040	FAIL
Aldrin	7.182	7.139	FAIL	8.398	8.414	PASS
Heptachlor Epoxide	0.000	7.771	FAIL	0.000	8.905	FAIL
gamma-Chlordane	8.035	8.034	PASS	0.000	9.251	FAIL
alpha-Chlordane	8.142	8.141	PASS	9.324	9.304	PASS
Endosulfan I	8.189	8.198	PASS	9.324	9.304	PASS
4,4'-DDE	8.379	8.383	PASS	9.461	9.462	PASS
Dieldrin	0.000	8.513	FAIL	0.000	9.622	FAIL
Endrin	0.000	8.850	FAIL	9.916	9.865	FAIL
4,4'-DDD	0.000	9.007	FAIL	0.000	10.005	FAIL
Endosulfan II	9.126	9.140	PASS	10.092	10.139	FAIL
4,4'-DDT	9.299	9.294	PASS	10.309	10.311	PASS
Endrin Aldehyde	0.000	9.382	FAIL	10.245	10.248	PASS
Endosulfan Sulfate	0.000	9.592	FAIL	0.000	10.520	FAIL
Methoxychlor	0.000	10.001	FAIL	10.675	10.717	FAIL
Endrin Ketone	0.000	10.195	FAIL	10.906	10.906	PASS
Decachlorobiphenyl (S)	11.178	11.179	PASS	12.363	12.364	PASS

Signal #1 : L:\DATA\070403_A\ECD23920.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070403_A\ECD23920.D\ECD2B.CH
Acq On : 4-3-2007 09:34:19 PM Operator: STM
Sample : 580-5453-C-9-A Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



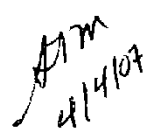
Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:04:30 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

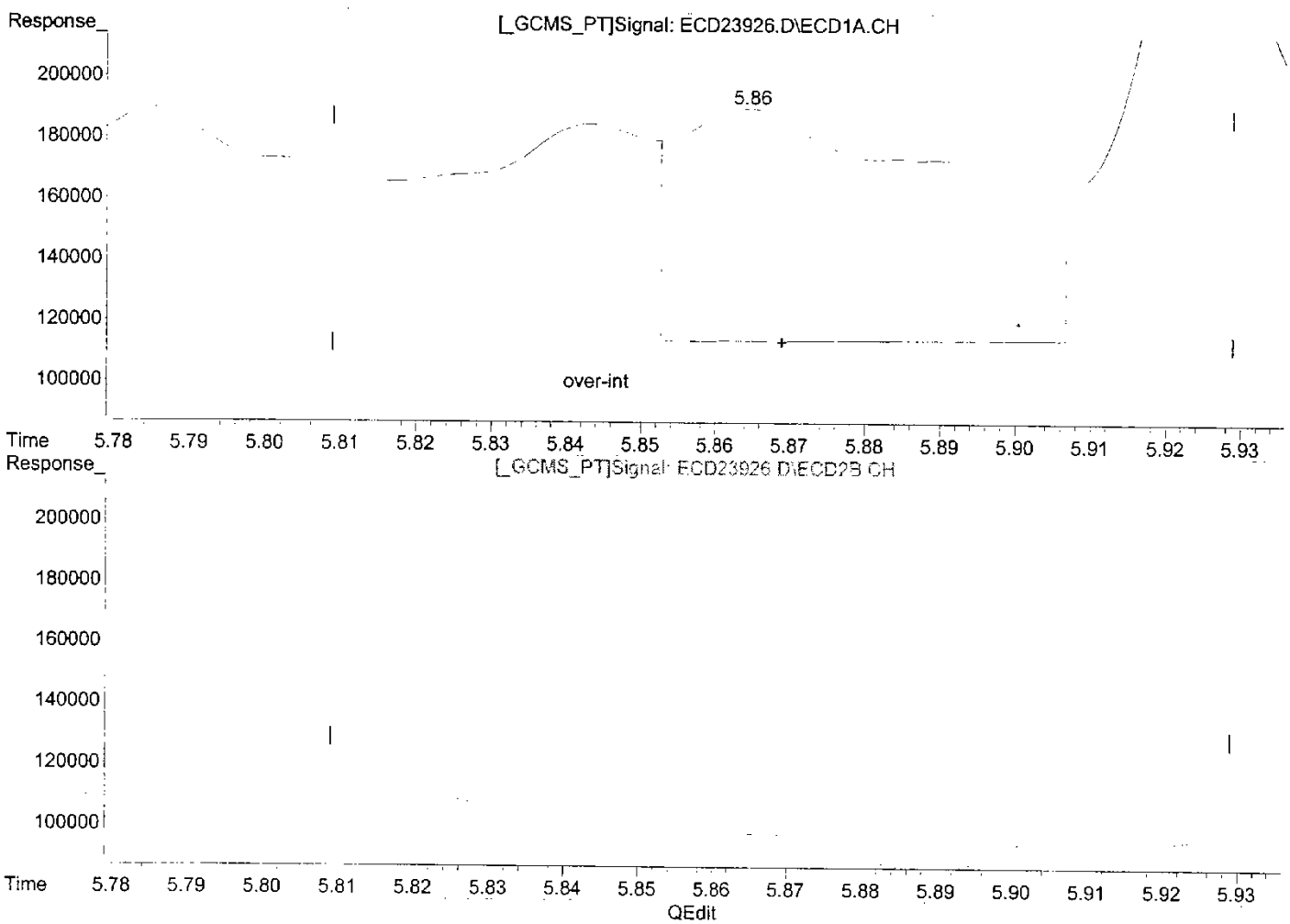
		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.43	33578875	22784309	12.433	12.308
		Spiked Amount 20.000	Range 60 - 150			Recovery =	62.17%	61.54%
26)	SR	Decachlorobiphen	11.18	12.36	14028004	9112931	9.121	12.098 #
		Spiked Amount 20.000	Range 60 - 150			Recovery =	45.61%#	60.49%
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.16	135206	180959	0.026	0.053 #
3)		alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4)	T	Hexachlorobenzen	5.86	7.04	289394	192691	0.076m	0.098 #
5)	M	gamma-BHC (Linda	6.38	7.33	207490	164043	0.060m	0.077m#
6)		beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7)		delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
8)	M	Heptachlor	6.81f	8.04	483836	252529	0.157m	0.128m
9)	M	Aldrin	7.14	8.39f	178399	167375	0.058m	0.089m#
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
11)		gamma-Chlordane	0.00	0.00	0	0	N.D. d	N.D. d
12)		alpha-Chlordane	0.00	0.00	0	0	N.D.	N.D.
13)		Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
14)		4,4'-DDE	0.00	0.00	0	0	N.D.	N.D. d
15)	M	Dieldrin	8.50	0.00	155489	0	<MDL	N.D. d#
16)	M	Endrin	0.00	0.00	0	0	N.D. d	N.D. d
17)		4,4'-DDD	0.00	0.00	0	0	N.D. d	N.D. d
18)		Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19)	M	4,4'-DDT	0.00	0.00	0	0	N.D. d	N.D.
20)		Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
22)		Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
23)		Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.



Quantitation Report (QEdit)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(4) Hexachlorobenzene (T)

5.86min 0.534ug/L

response 2039814

(4) Hexachlorobenzene #2 (T)

7.04min 0.098ug/L

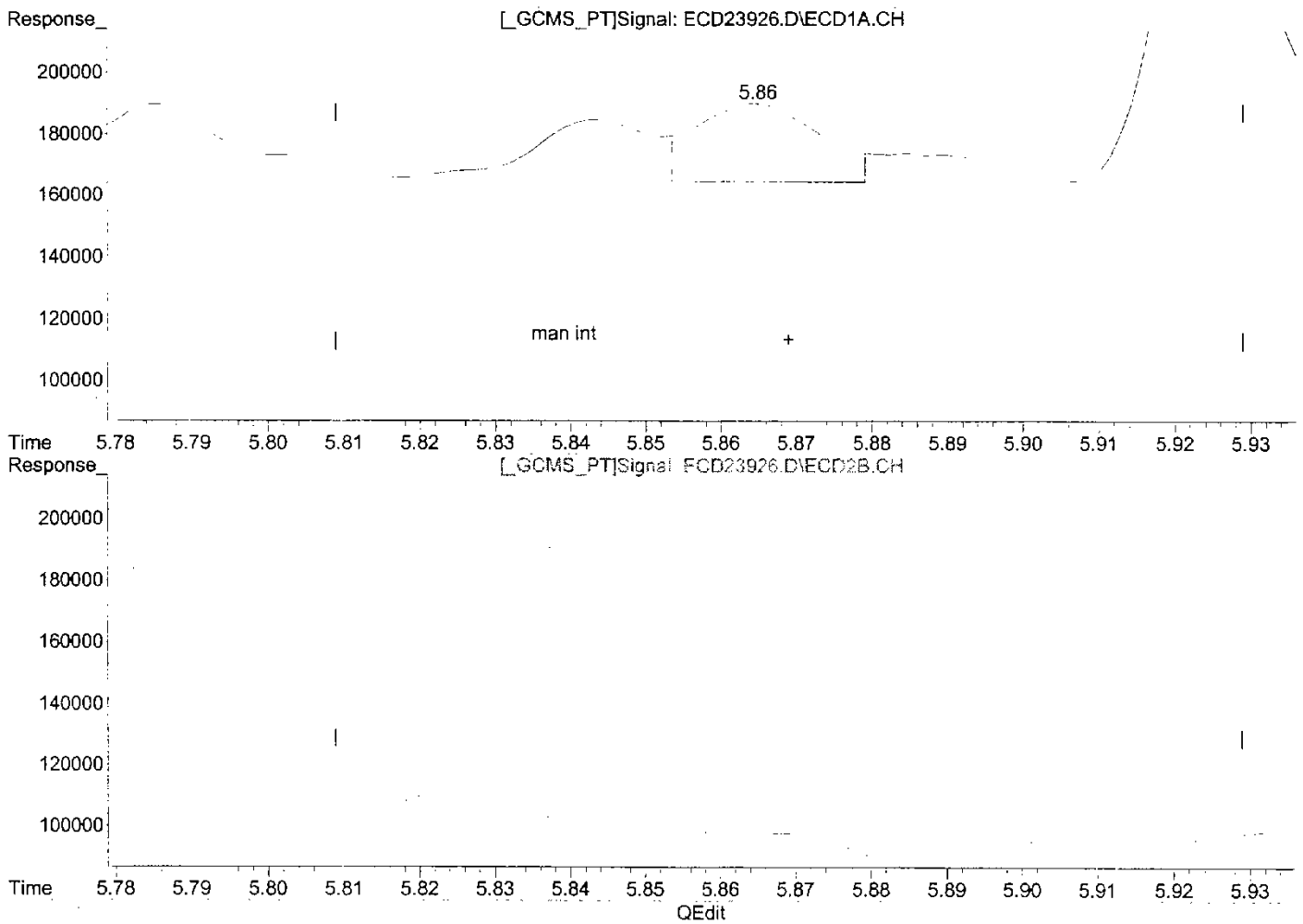
response 192691

(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(4) Hexachlorobenzene (T)

5.86min 0.076ug/L m

response 289394

(4) Hexachlorobenzene #2 (T)

7.04min 0.098ug/L

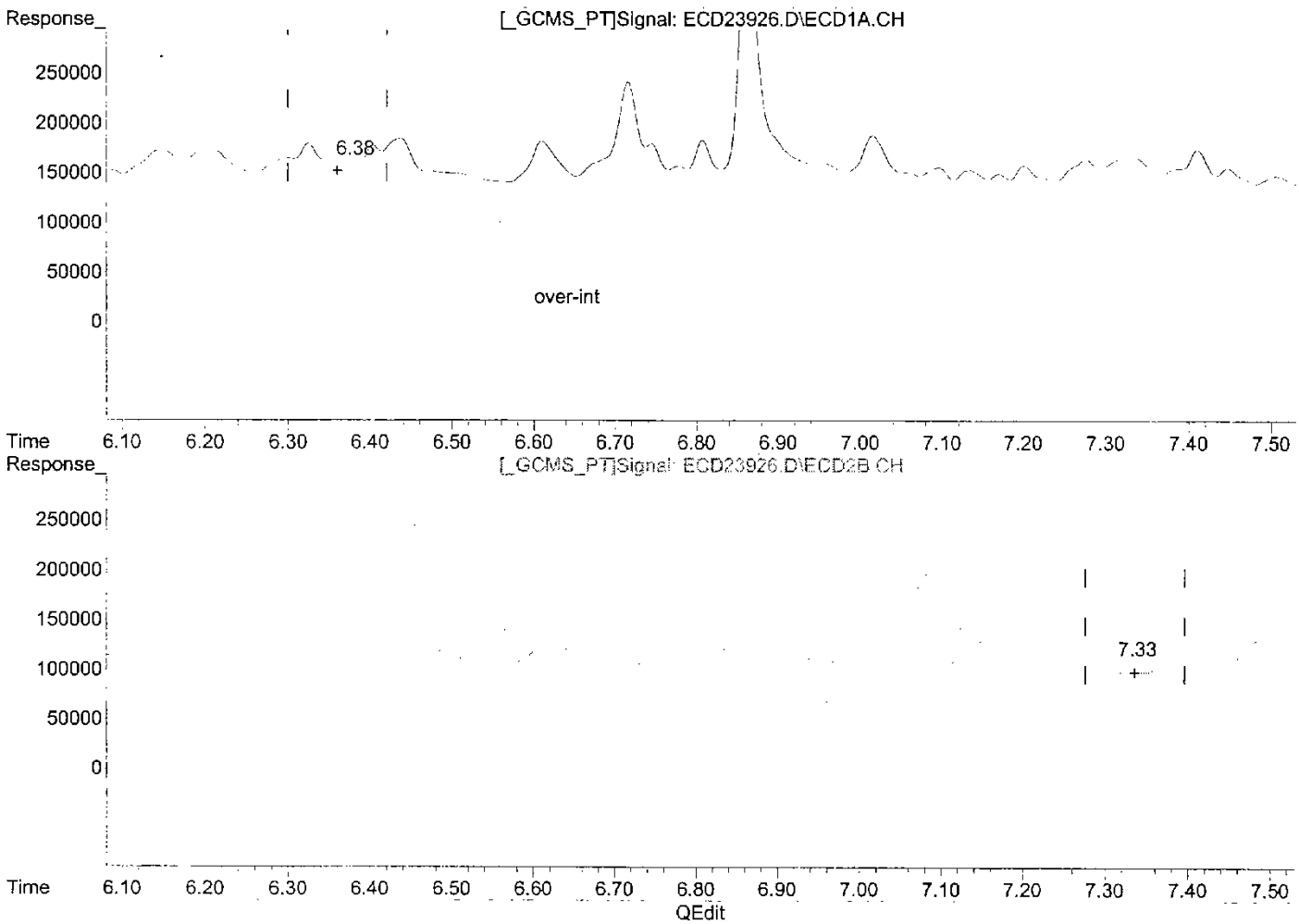
response 192691

(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.38min 0.213ug/L

response 740795

(5) gamma-BHC (Lindane) #2 (M)

7.33min 0.108ug/L

response 231128

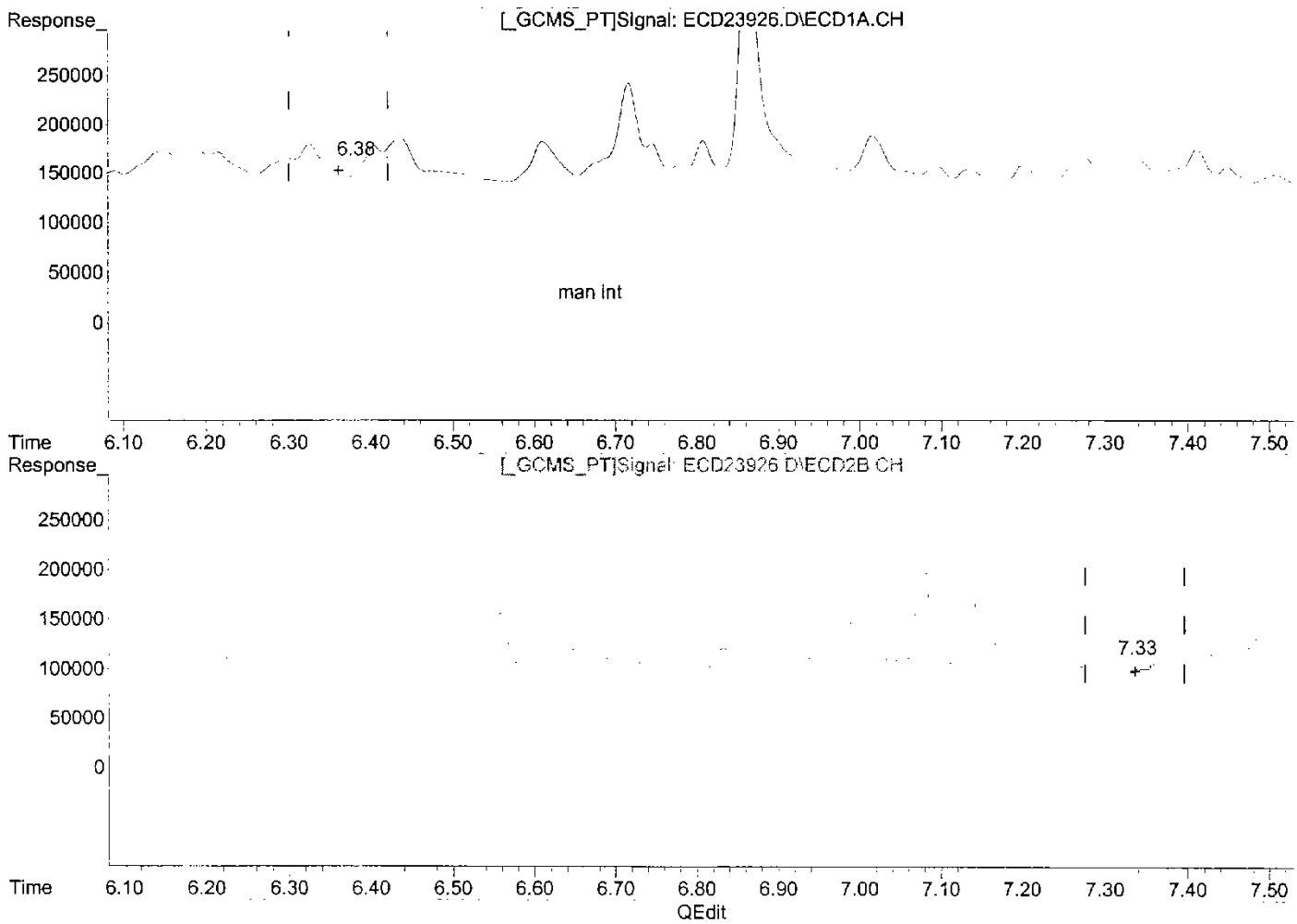
(+) = Expected Retention Time

ECD23926.D 070313_8081.M Wed Apr 04 17:27:19 2007 A

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.38min 0.060ug/L m

response 207490

(5) gamma-BHC (Lindane) #2 (M)

7.33min 0.077ug/L m

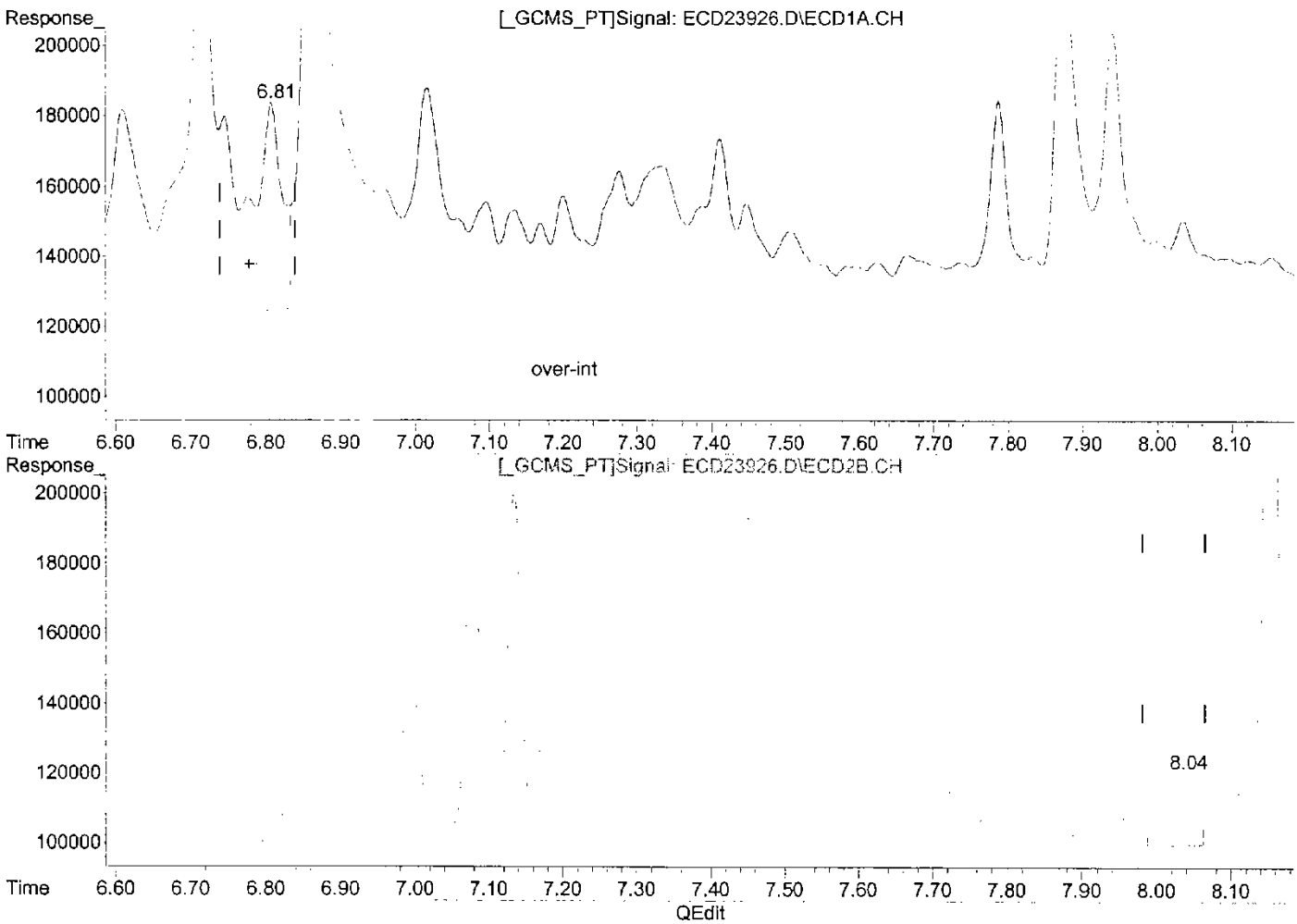
response 164043

(+) = Expected Retention Time

Quantitation Report (QuanT)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(8) Heptachlor (M)

6.81min 0.351ug/L

response 1082753

(8) Heptachlor #2 (M)

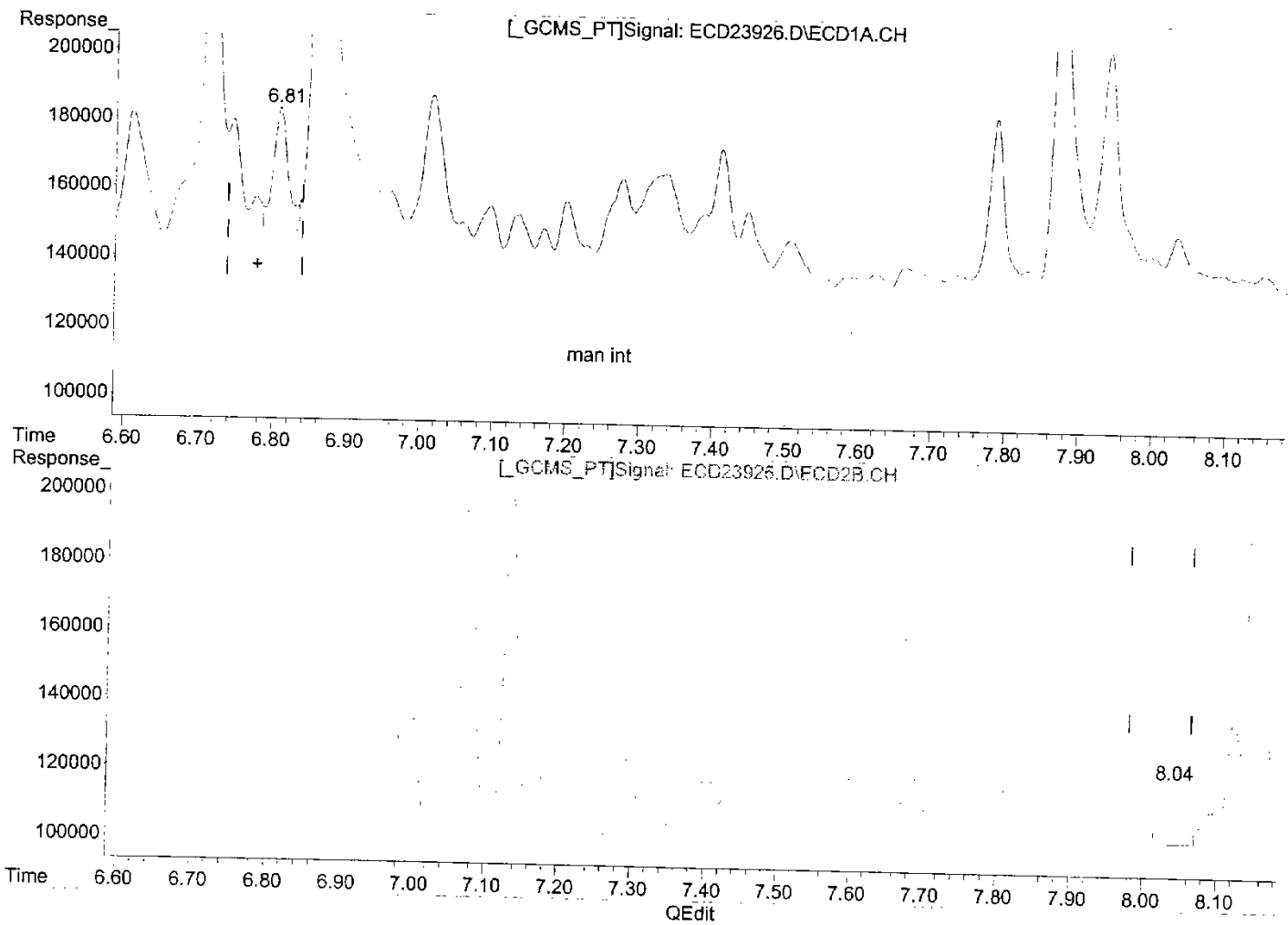
8.04min 0.214ug/L

response 423470

(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(8) Heptachlor (M)

6.81min 0.157ug/L m

response 483836

(8) Heptachlor #2 (M)

8.04min 0.128ug/L m

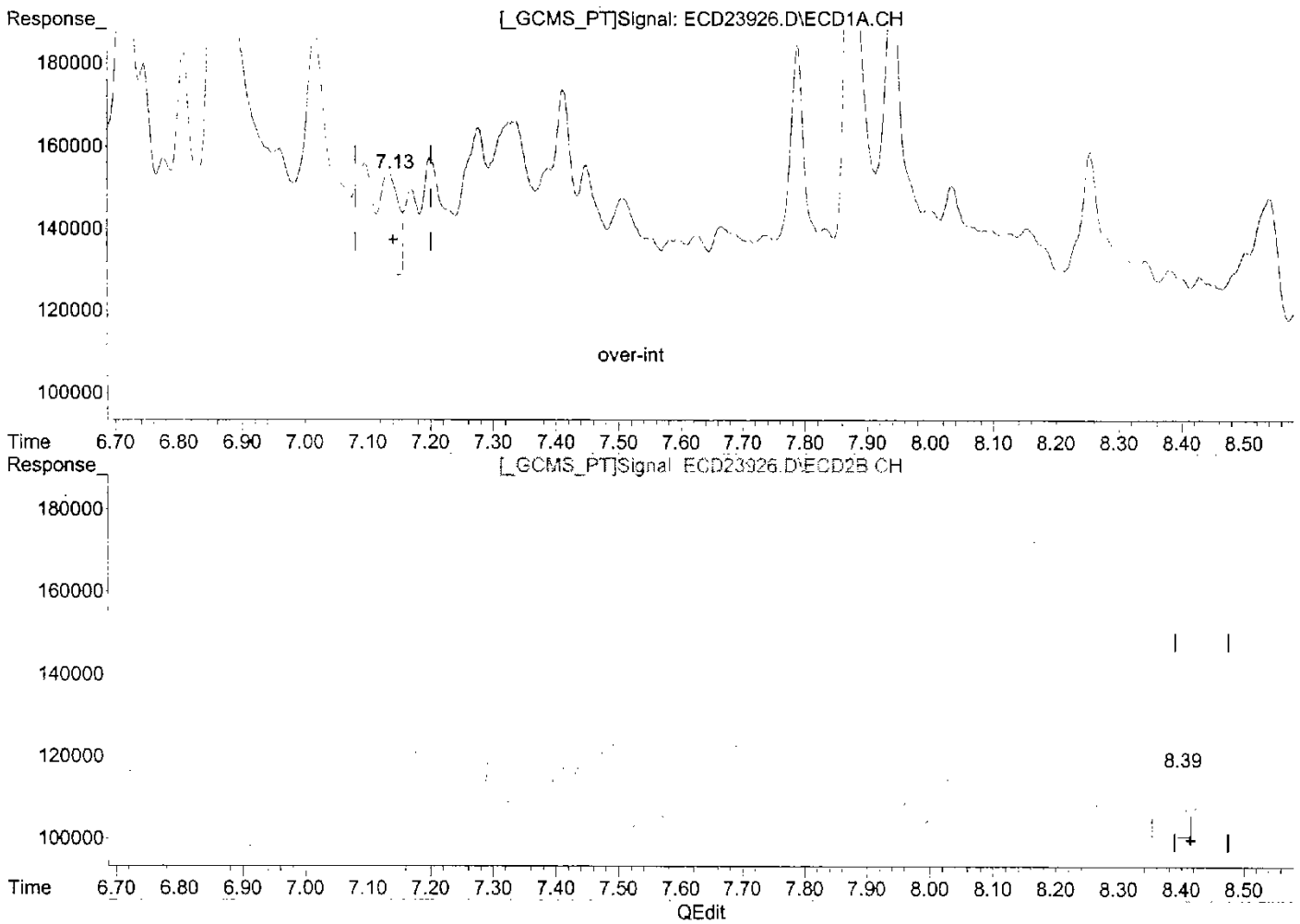
response 252529

(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.13min 0.171ug/L

response 523551

(9) Aldrin #2 (M)

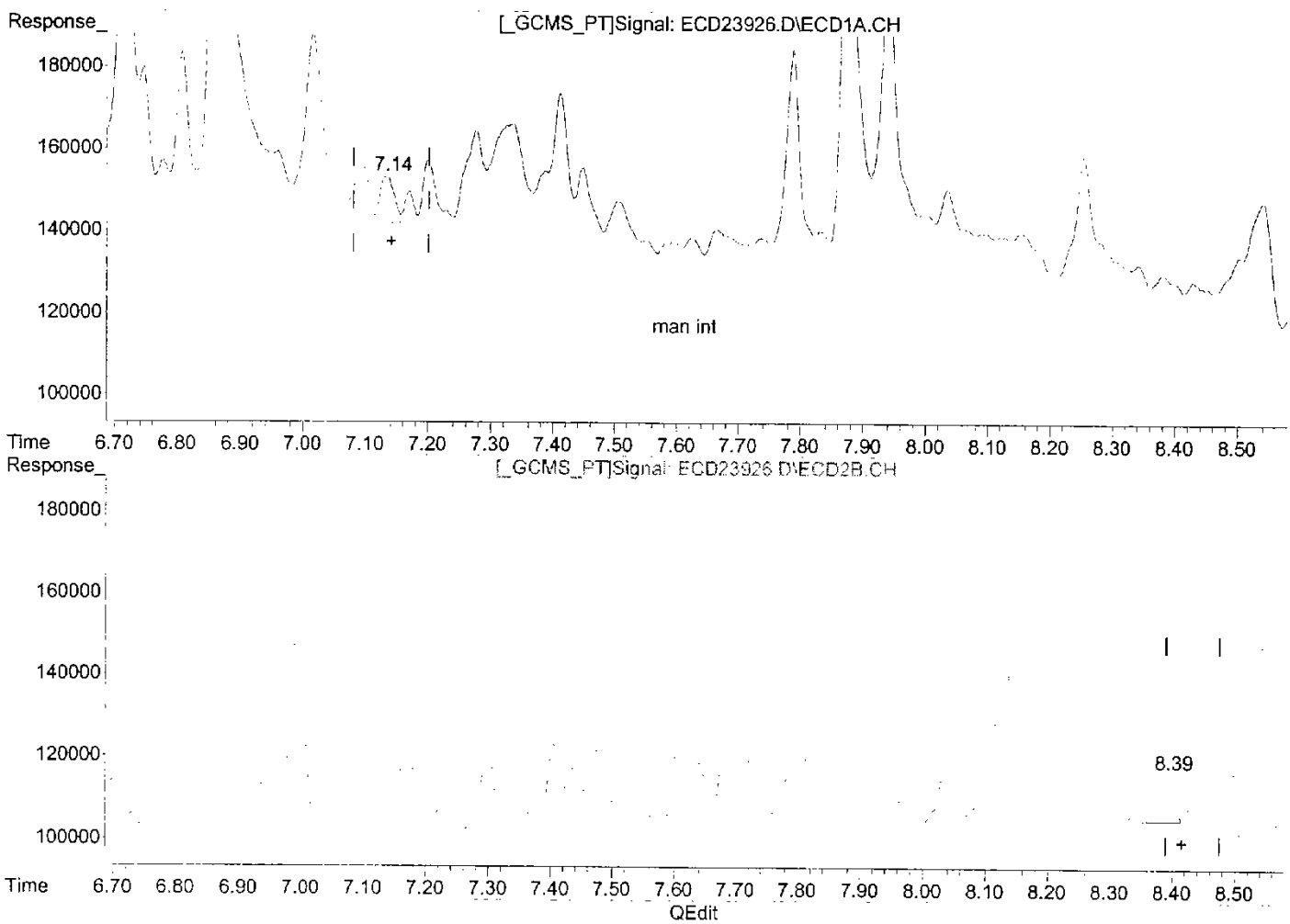
8.39min 0.180ug/L

response 338150

(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:26 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.14min 0.058ug/L m

response 178399

(9) Aldrin #2 (M)

8.39min 0.089ug/L m

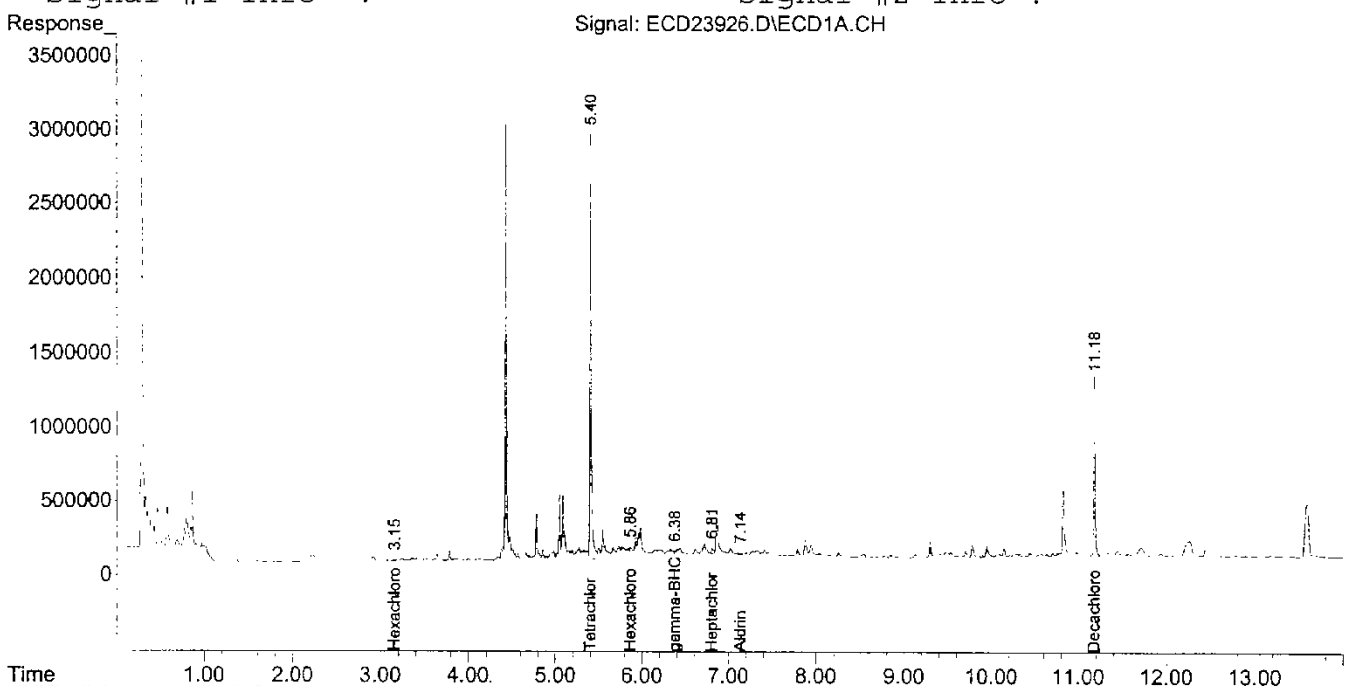
response 167375

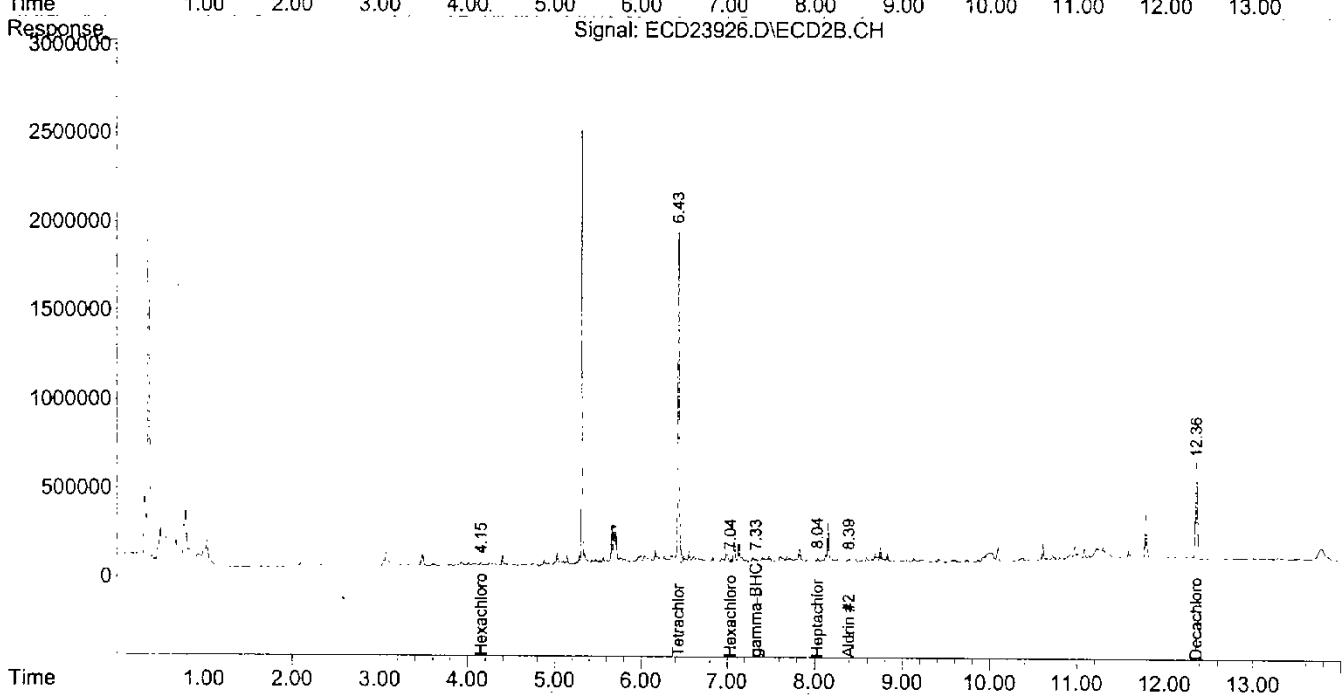
(+) = Expected Retention Time

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:30 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:04:30 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.43	33578875	22784309	12.433	12.308	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	62.17%	61.54%	
26)	SR	Decachlorobiphen	11.18	12.36	14028004	9112931	9.121	12.098	#
		Spiked Amount 20.000	Range 60 - 150			Recovery =	45.61%#	60.49%	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	135206	180959	0.026	0.053	#
3)		alpha-BHC	5.98	6.95	5146899	194838	1.284	0.078	#NTA
4)	T	Hexachlorobenzen	5.86	7.04	2039814	192691	0.534	0.098	#
5)	M	gamma-BHC (Linda	6.38	7.33	740795	231128	0.213	0.108	#
6)		beta-BHC	6.61f	7.68	1831113	420483	1.224	0.454	#NTA
7)		delta-BHC	7.02	7.97	1626603	234336	0.511	0.117	#NTA
8)	M	Heptachlor	6.81f	8.04	1082753	423470	0.351	0.214	#
9)	M	Aldrin	7.13	8.39f	523551	338150	0.171	0.180	
10)		Heptachlor Epoxi	7.79	8.92	711362	212672	0.270	0.130	#NTA
11)		gamma-Chlordane	8.03	9.21f	182797	212903	0.069	0.139	#NTA
12)		alpha-Chlordane	0.00	0.00	0	0	N.D.	N.D.	
13)		Endosulfan I	8.25f	0.00	580060	0	0.244	N.D.	#NTA
14)		4,4'-DDE	0.00	9.42f	0	245444	N.D.	0.180	#NC
15)	M	Dieldrin	8.50	9.60	155489	170369	<MDL	0.117	#NC
16)	M	Endrin	8.85	9.86	475215	206952	0.256	0.169	#NTA
17)		4,4'-DDD	8.97f	10.01	253729	1400789	0.127 RTDiff	1.250	#
18)		Endosulfan II	9.15	10.09f	296228	1071062	0.146	0.909	#NTA
19)	M	4,4'-DDT	9.30	0.00	1857331	0	1.355 NC	N.D.	#
20)		Endrin Aldehyde	9.39	10.23f	736680	233095	0.470	0.259	#NTA
21)		Endosulfan Sulfa	0.00	10.57f	0	175935	N.D.	<MDL	NTA
22)		Methoxychlor	9.99	10.72	277209	353915	0.459	0.778	#NTA
23)		Endrin Ketone	10.21	10.92	351934	930395	0.177	0.874	#NTA
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name	ECD23926.D
Sample Name	580-5404-A-13-B
RT STD File Name	ECD22089.D

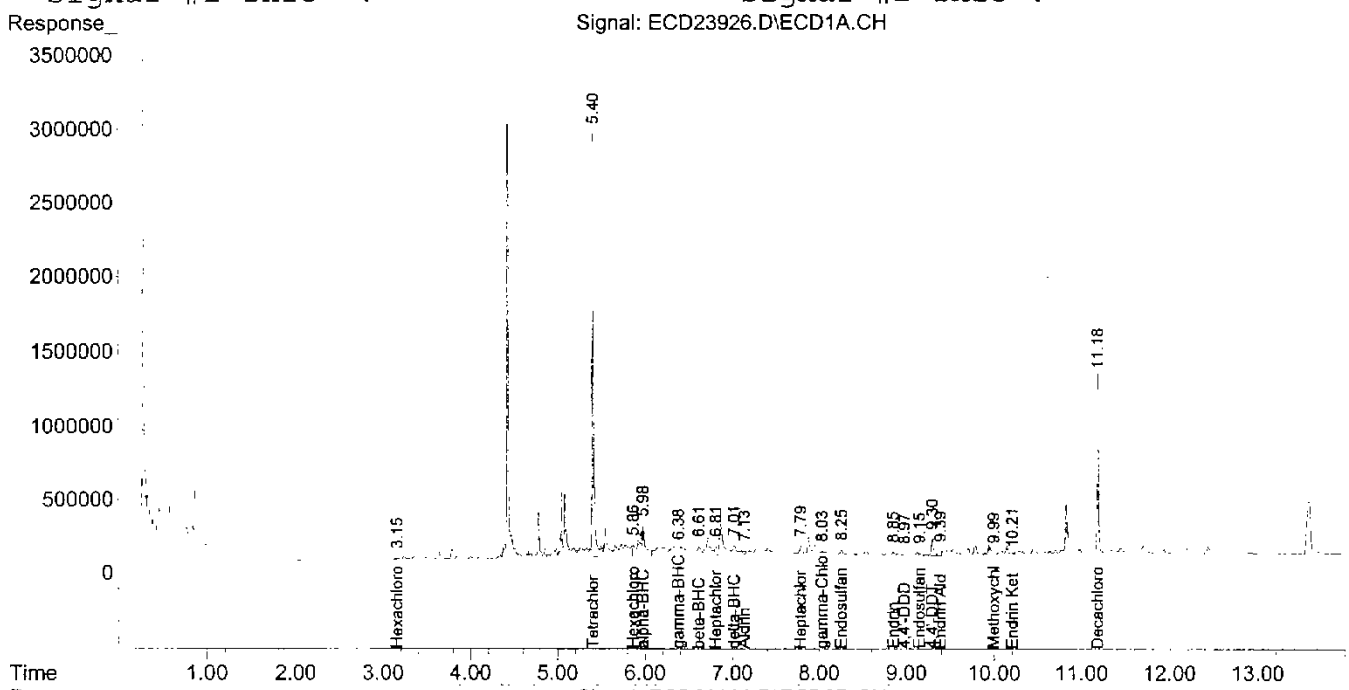
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	3.156	3.160	PASS	4.155	4.160	PASS
Tetrachloro-m-xylene (S)	5.403	5.403	PASS	6.435	6.435	PASS
alpha-BHC	5.976	5.965	PASS	6.951	6.941	PASS
Hexachlorobenzene	5.865	5.868	PASS	7.038	7.039	PASS
gamma-BHC (Lindane)	6.376	6.359	PASS	7.333	7.336	PASS
beta-BHC	6.610	6.657	FAIL	7.684	7.657	PASS
delta-BHC	7.015	6.988	PASS	7.966	7.965	PASS
Heptachlor	6.807	6.777	PASS	8.036	8.040	PASS
Aldrin	7.135	7.139	PASS	8.393	8.414	PASS
Heptachlor Epoxide	7.787	7.771	PASS	8.916	8.905	PASS
gamma-Chlordane	8.034	8.034	PASS	9.214	9.251	FAIL
alpha-Chlordane	0.000	8.141	FAIL	0.000	9.304	FAIL
Endosulfan I	8.253	8.198	FAIL	0.000	9.304	FAIL
4,4'-DDE	0.000	8.383	FAIL	9.415	9.462	FAIL
Dieldrin	8.503	8.513	PASS	9.603	9.622	PASS
Endrin	8.848	8.850	PASS	9.864	9.865	PASS
4,4'-DDD	8.973	9.007	FAIL	10.012	10.005	PASS
Endosulfan II	9.147	9.140	PASS	10.090	10.139	FAIL
4,4'-DDT	9.297	9.294	PASS	0.000	10.311	FAIL
Endrin Aldehyde	9.392	9.382	PASS	10.227	10.248	PASS
Endosulfan Sulfate	0.000	9.592	FAIL	10.572	10.520	FAIL
Methoxychlor	9.992	10.001	PASS	10.718	10.717	PASS
Endrin Ketone	10.207	10.195	PASS	10.924	10.906	PASS
Decachlorobiphenyl (S)	11.178	11.179	PASS	12.363	12.364	PASS

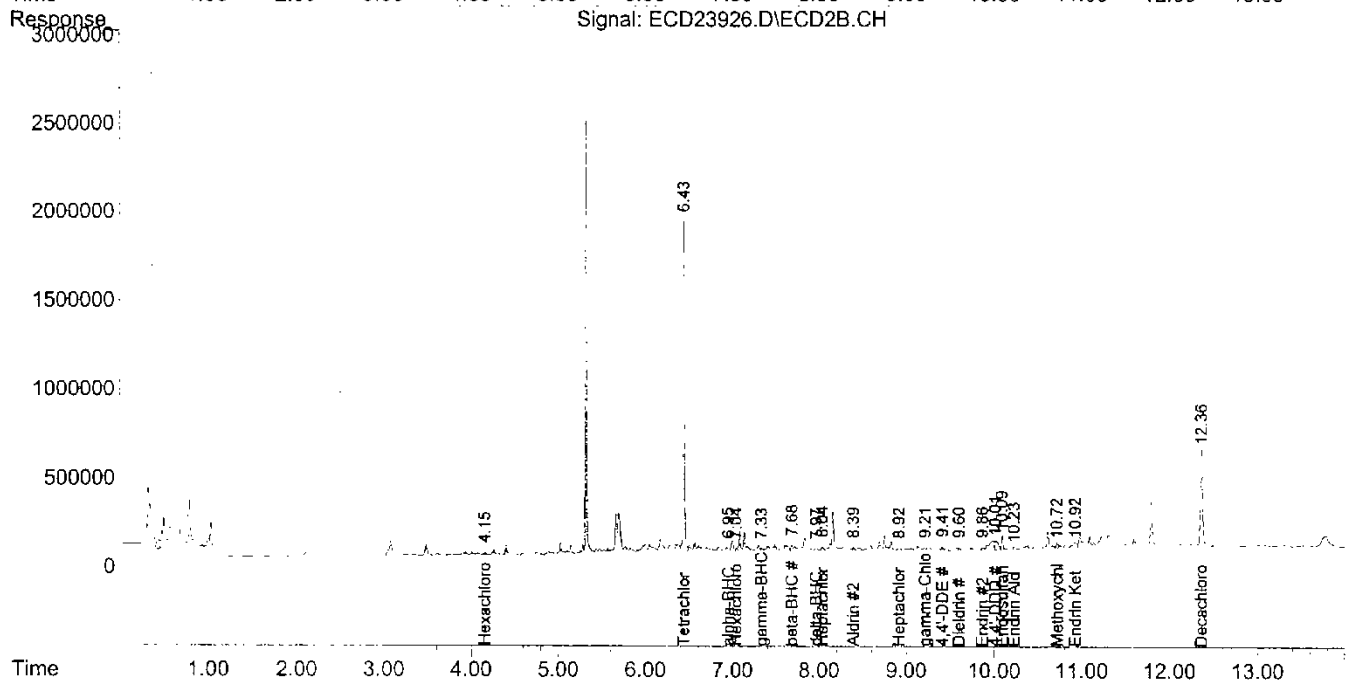
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23926.D\ECD1A.CH Vial: 26
Signal #2 : L:\DATA\070403_A\ECD23926.D\ECD2B.CH
Acq On : 03 Apr 2007 11:31 pm Operator: STM
Sample : 580-5404-A-13-B Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:04 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 16:07:43 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

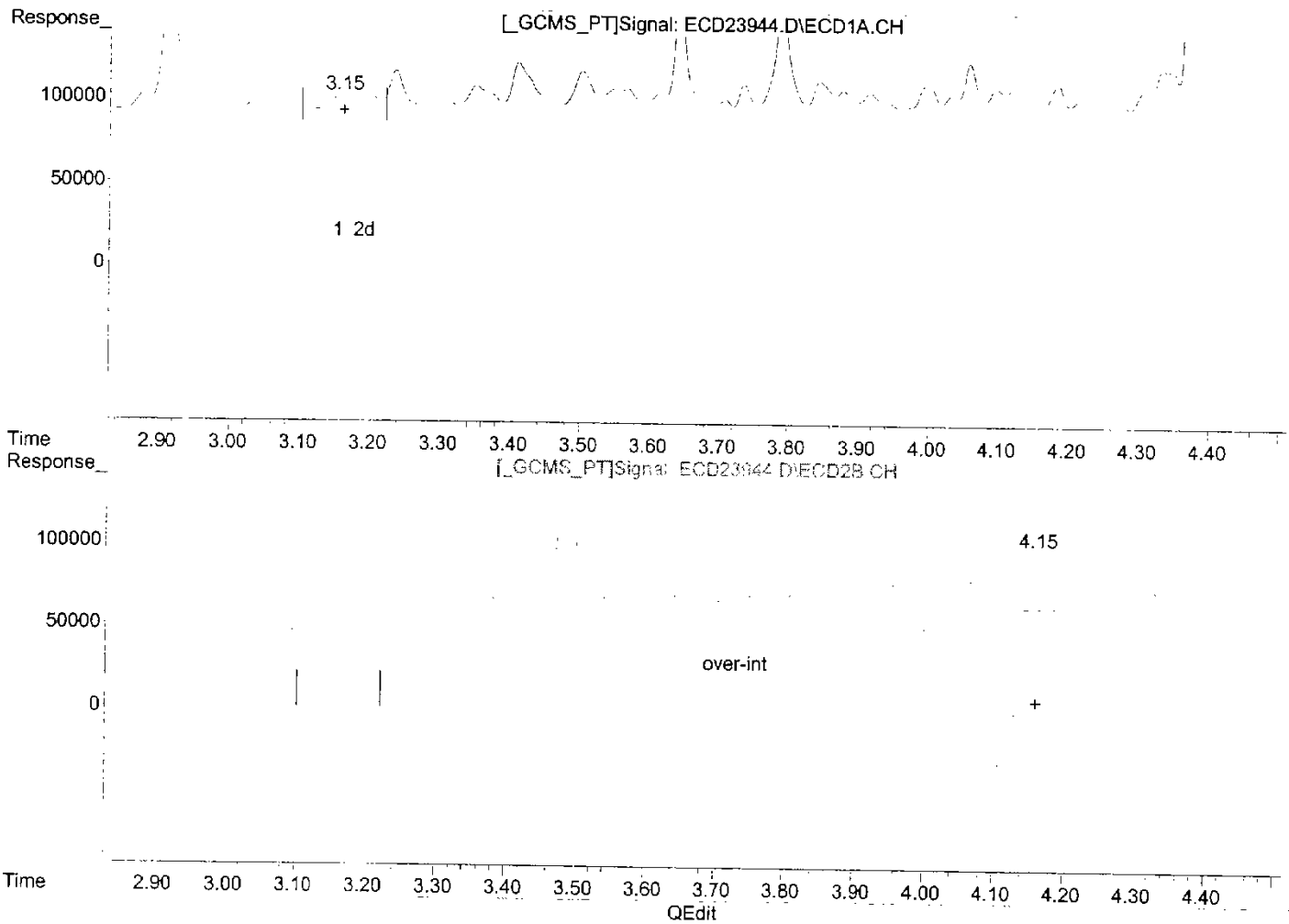
Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.44	39260470	27264927	14.537	14.728
		Spiked Amount 20.000	Range 60 - 150			Recovery =	72.69%	73.64%
26)	SR	Decachlorobiphen	11.18	12.36	15816848	10097502	10.285	13.406 #
		Spiked Amount 20.000	Range 60 - 150			Recovery =	51.42%#	67.03%
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.15	113690	371200	0.022	0.108m#
3)		alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4)	T	Hexachlorobenzen	5.86	7.04	321133	132628	0.084m	0.067m
5)	M	gamma-BHC (Linda	6.38	7.34	439210	207085	0.126m	0.097m
6)		beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7)		delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
8)	M	Heptachlor	6.78	8.04	275508	226295	0.089m	0.114m#
9)	M	Aldrin	7.13	8.39f	182225	163328	0.059m	0.087m#
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
11)		gamma-Chlordane	0.00	0.00	0	0	N.D. d	N.D. d
12)		alpha-Chlordane	0.00	0.00	0	0	N.D.	N.D. d
13)		Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
14)		4,4'-DDE	8.39	9.48	695480	621251	0.301	0.456 #
15)	M	Dieldrin	0.00	9.60	0	141273	N.D. d	<MDL
16)	M	Endrin	0.00	0.00	0	0	N.D. d	N.D. d
17)		4,4'-DDD	9.00	10.00	958617	633478	0.479m	0.565
18)		Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19)	M	4,4'-DDT	0.00	0.00	0	0	N.D. d	N.D.
20)		Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
22)		Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
23)		Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

4/5/07

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(1) Hexachlorobutadiene (T)

3.16min 0.022ug/L

response 113690

(1) Hexachlorobutadiene #2 (T)

4.16min 0.198ug/L

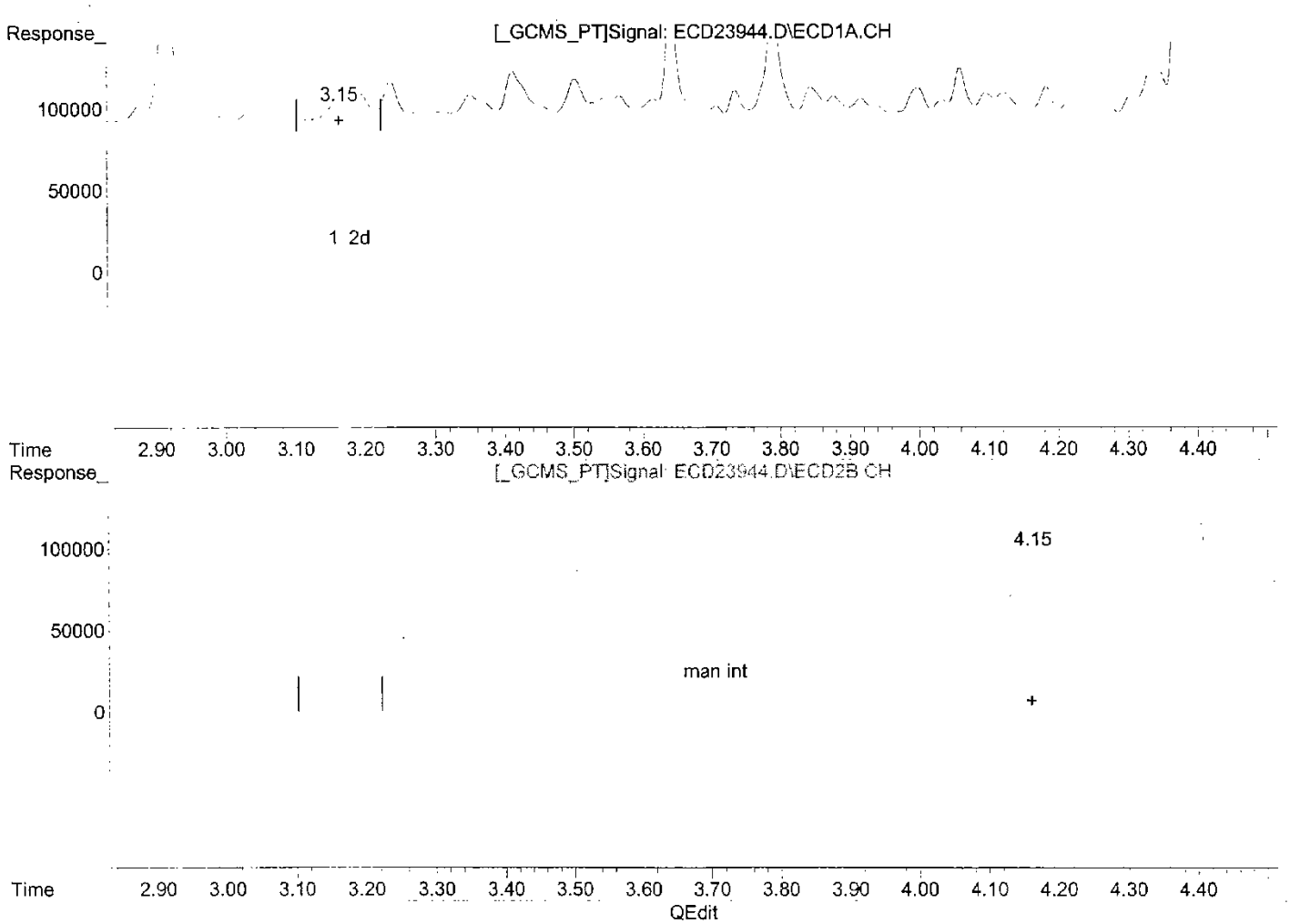
response 678686

(+) = Expected Retention Time

Quantitation Report (QuanT)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(1) Hexachlorobutadiene (T)

3.16min 0.022ug/L

response 113690

(1) Hexachlorobutadiene #2 (T)

4.15min 0.108ug/L m

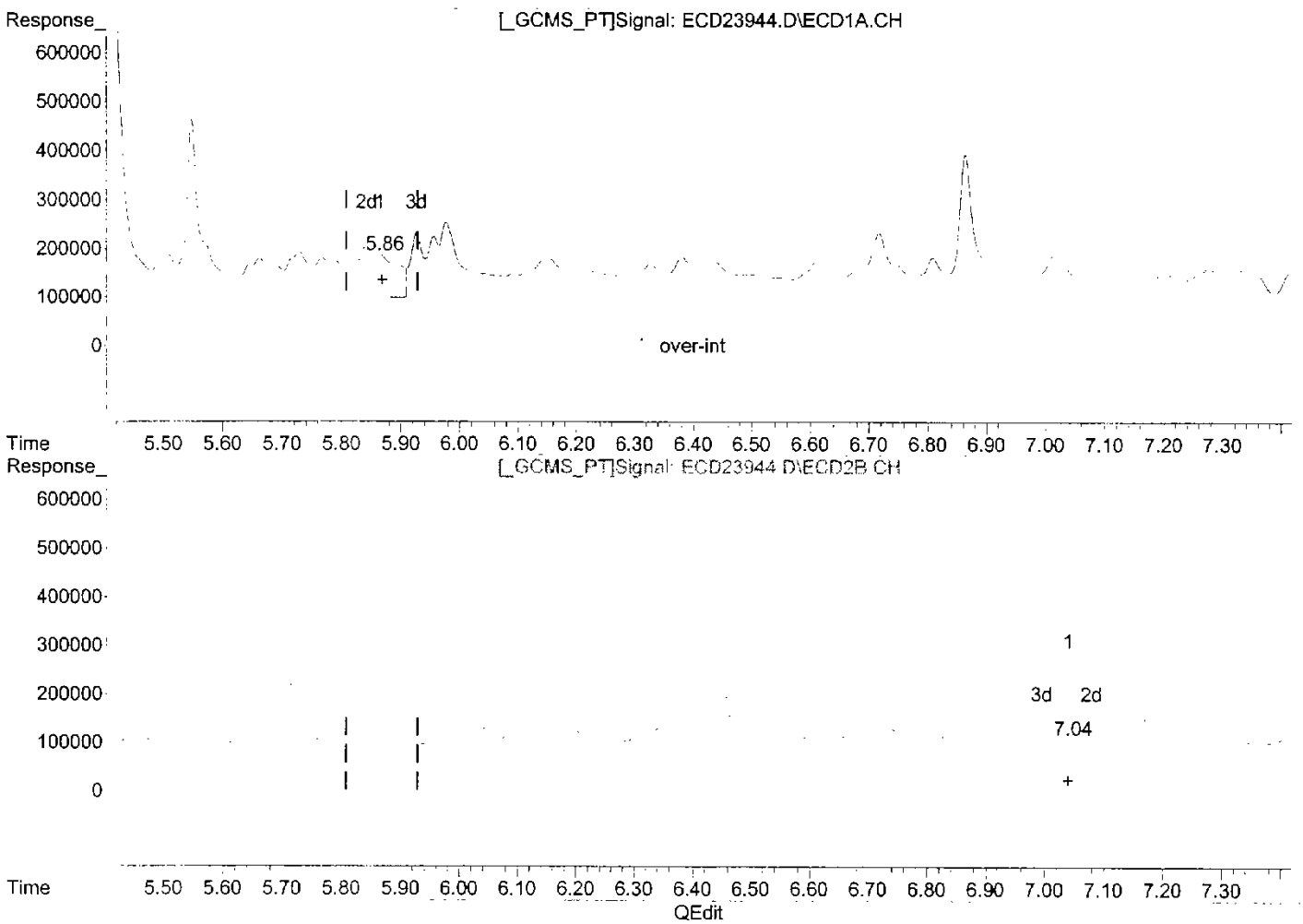
response 371200

(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(4) Hexachlorobenzene (T)

5.86min 0.593ug/L

response 2264695

(4) Hexachlorobenzene #2 (T)

7.04min 0.290ug/L

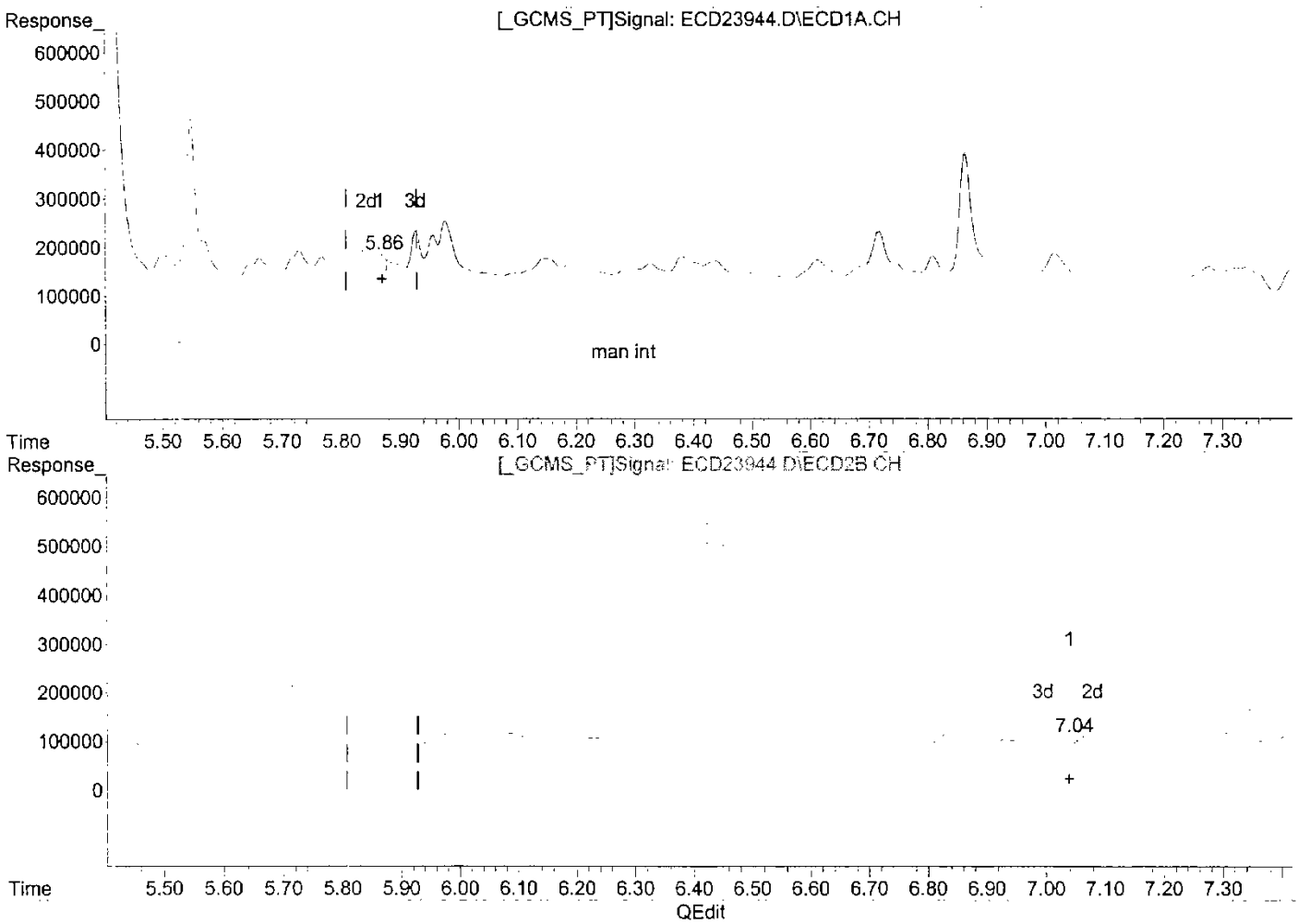
response 572258

(+) = Expected Retention Time

Quantification Report (QCalc)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(4) Hexachlorobenzene (T)

5.86min 0.084ug/L m

response 321133

(4) Hexachlorobenzene #2 (T)

7.04min 0.067ug/L m

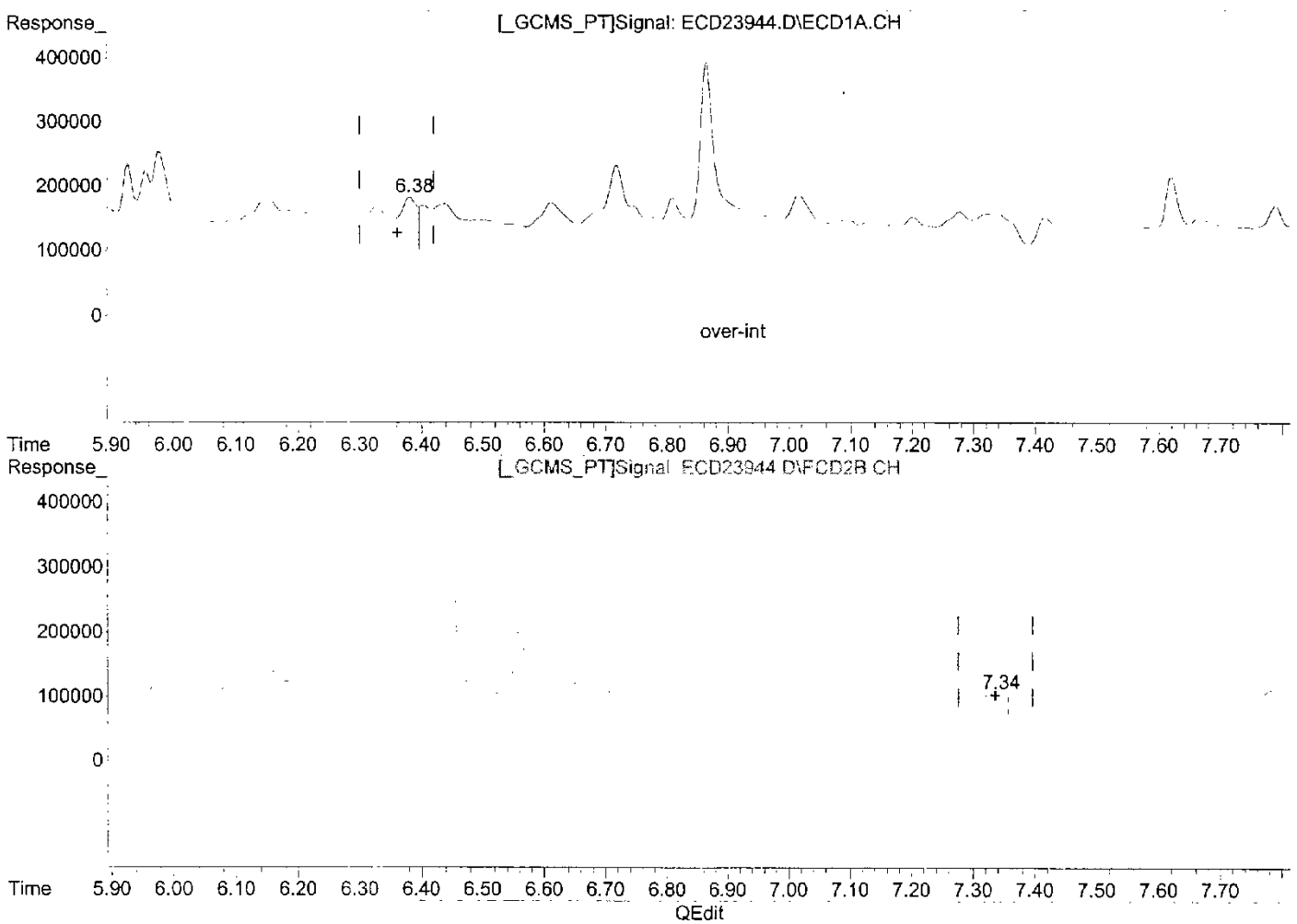
response 132628

(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.38min 0.442ug/L

response 1538285

(5) gamma-BHC (Lindane) #2 (M)

7.34min 0.303ug/L

response 648806

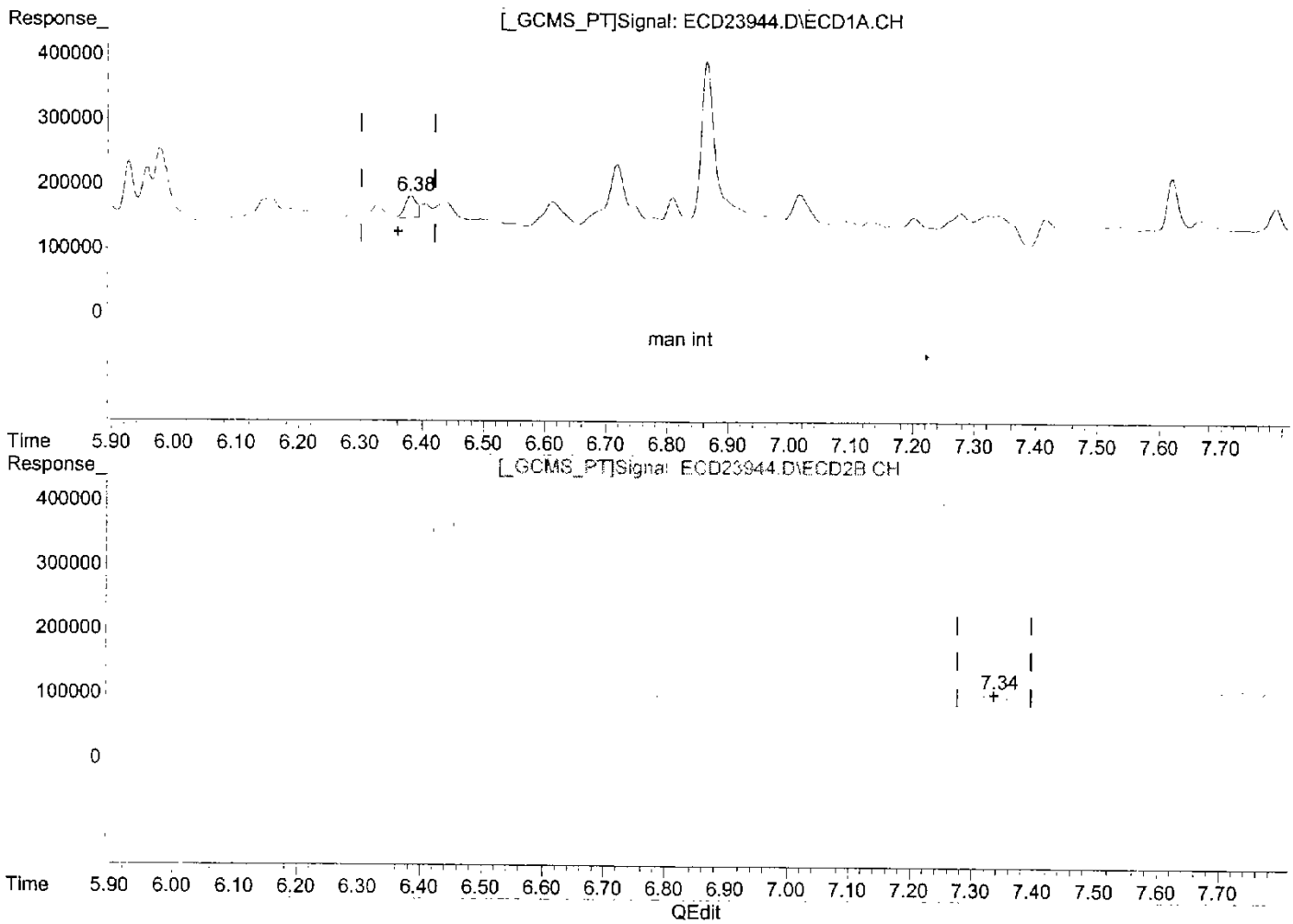
(+) = Expected Retention Time

ECD23944.D 070313_8081.M Thu Apr 05 13:37:51 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.38min 0.126ug/L m

response 439210

(5) gamma-BHC (Lindane) #2 (M)

7.34min 0.097ug/L m

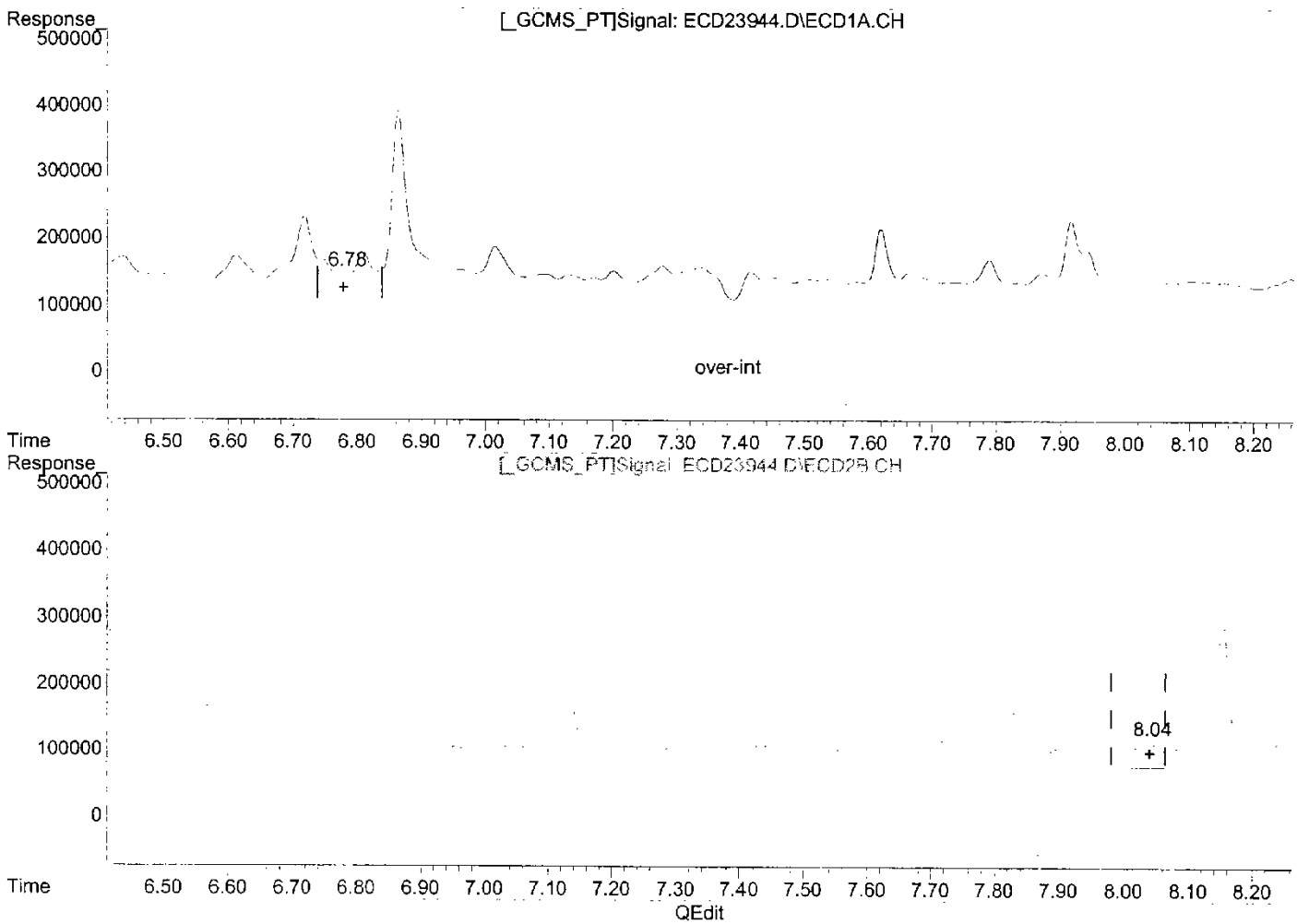
response 207085

(+) = Expected Retention Time

Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(8) Heptachlor (M)

6.78min 0.220ug/L

response 677243

(8) Heptachlor #2 (M)

8.04min 0.606ug/L

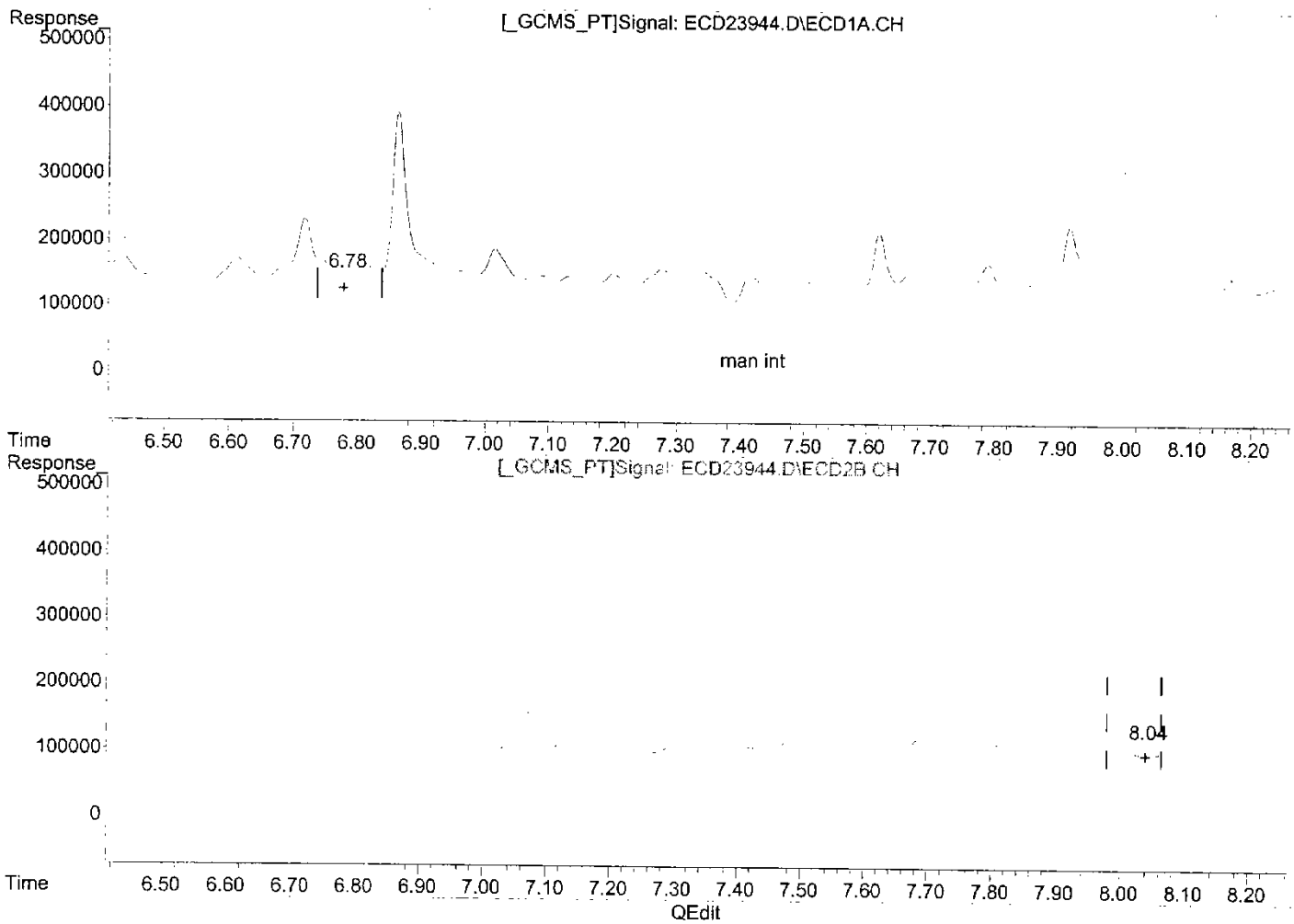
response 1198866

(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(8) Heptachlor (M)

6.78min 0.089ug/L m

response 275508

(8) Heptachlor #2 (M)

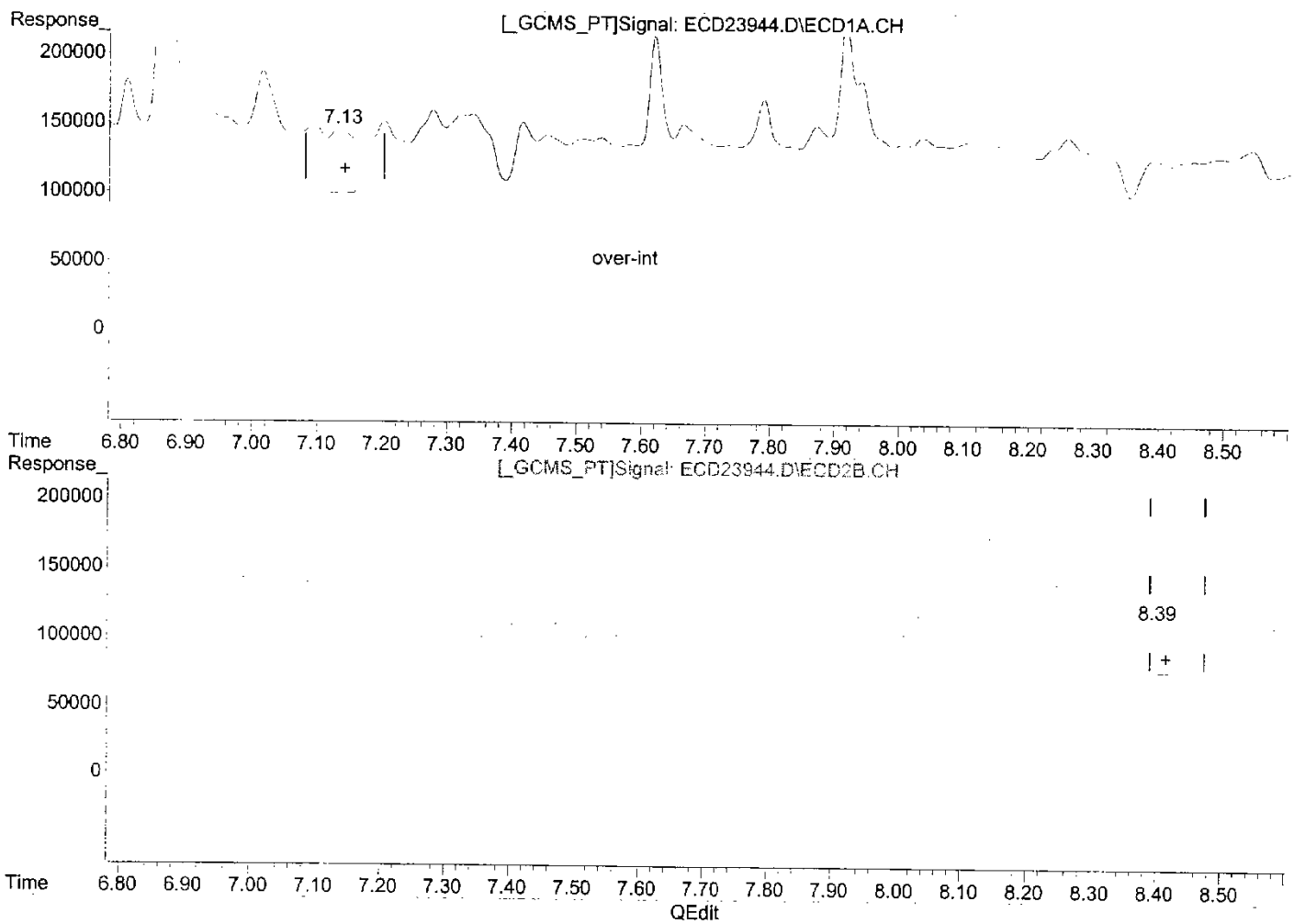
8.04min 0.114ug/L m

response 226295

(+) = Expected Retention Time

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.13min 0.359ug/L

response 1099507

(9) Aldrin #2 (M)

8.39min 0.622ug/L

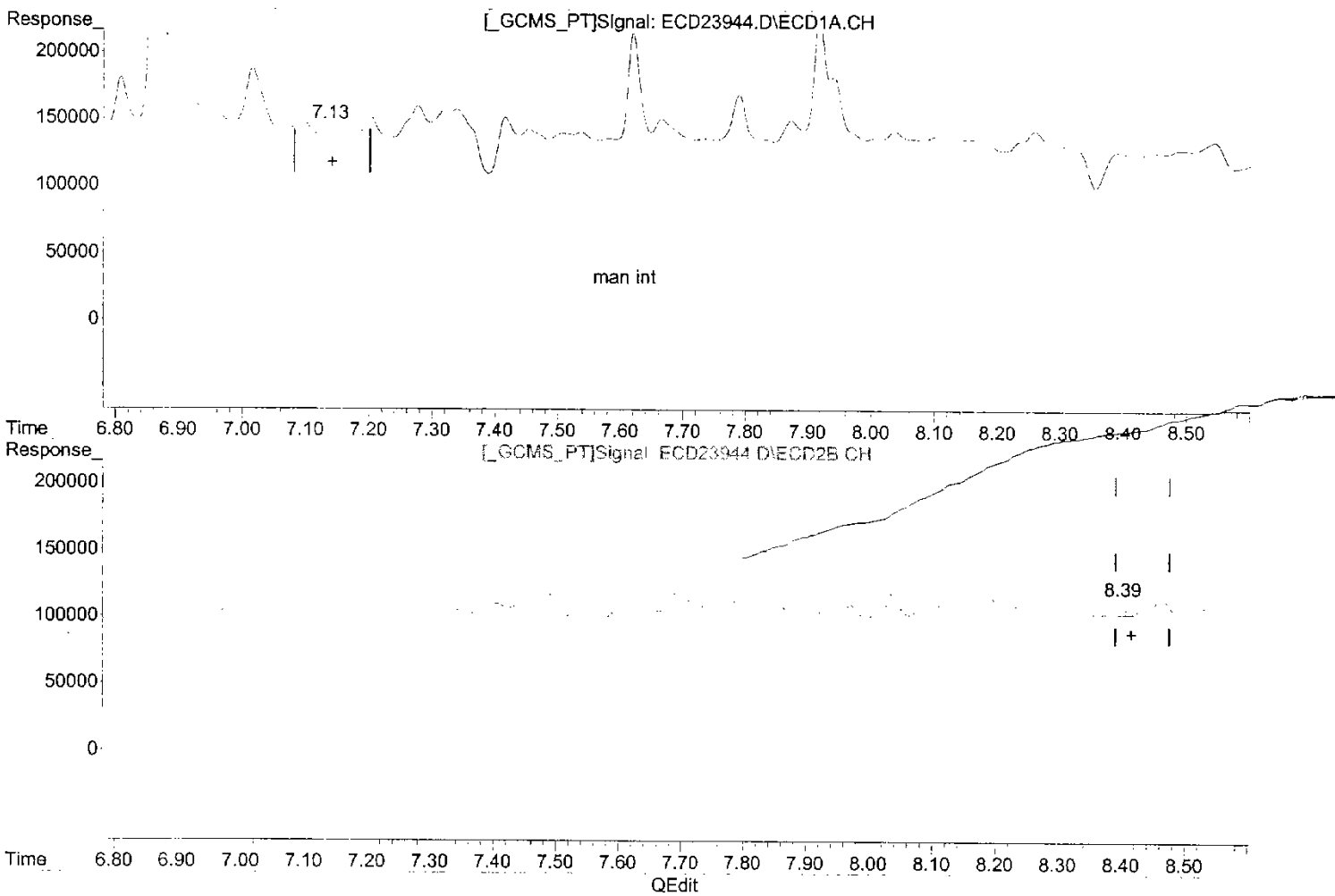
response 1167187

(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.13min 0.059ug/L m

response 182225

(9) Aldrin #2 (M)

8.39min 0.087ug/L m

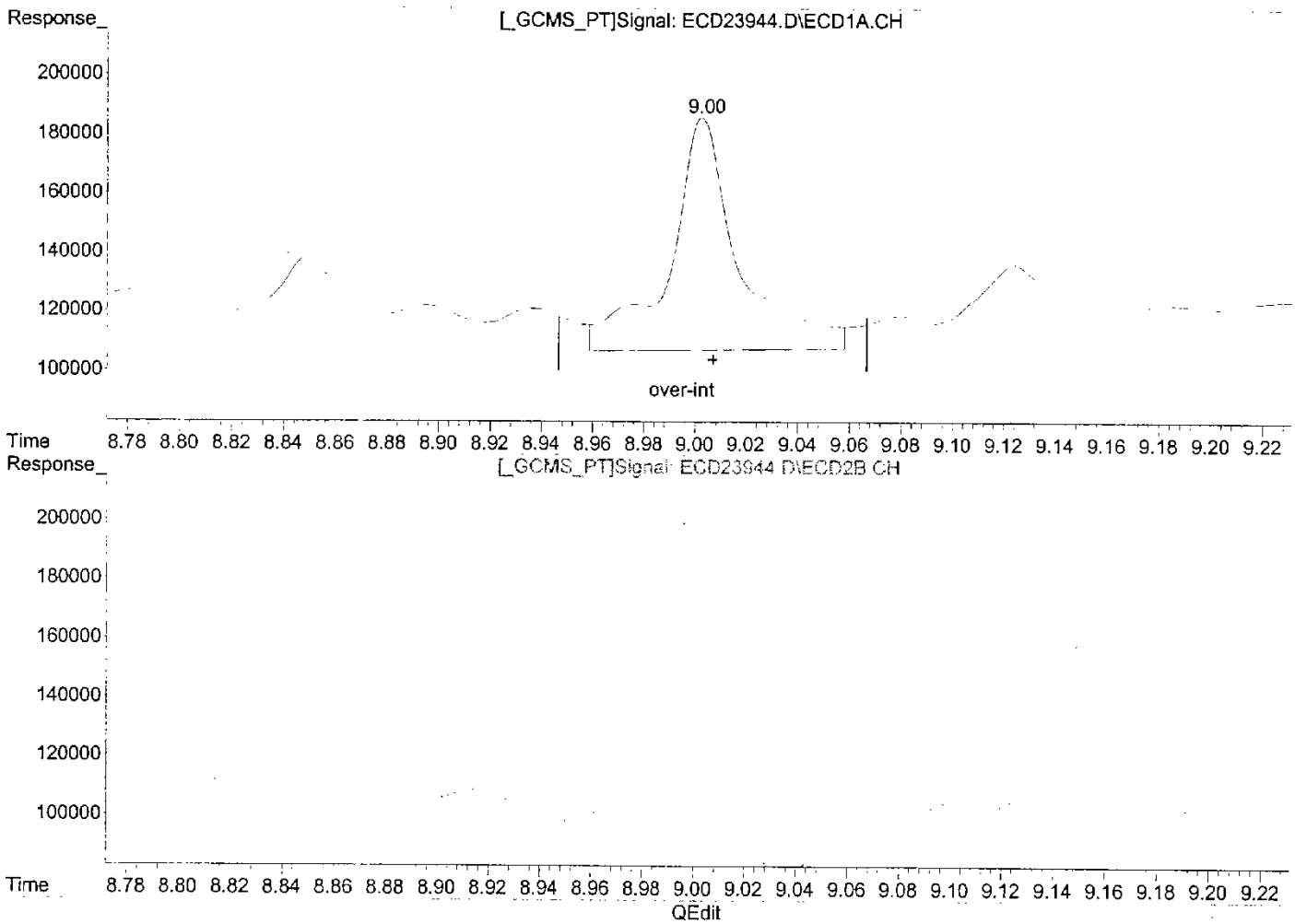
response 163328

(+) = Expected Retention Time

Quantitation Report (QuanTo)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(17) 4,4'-DDD

9.00min 0.740ug/L

response 1479946

(17) 4,4'-DDD #2

10.00min 0.565ug/L

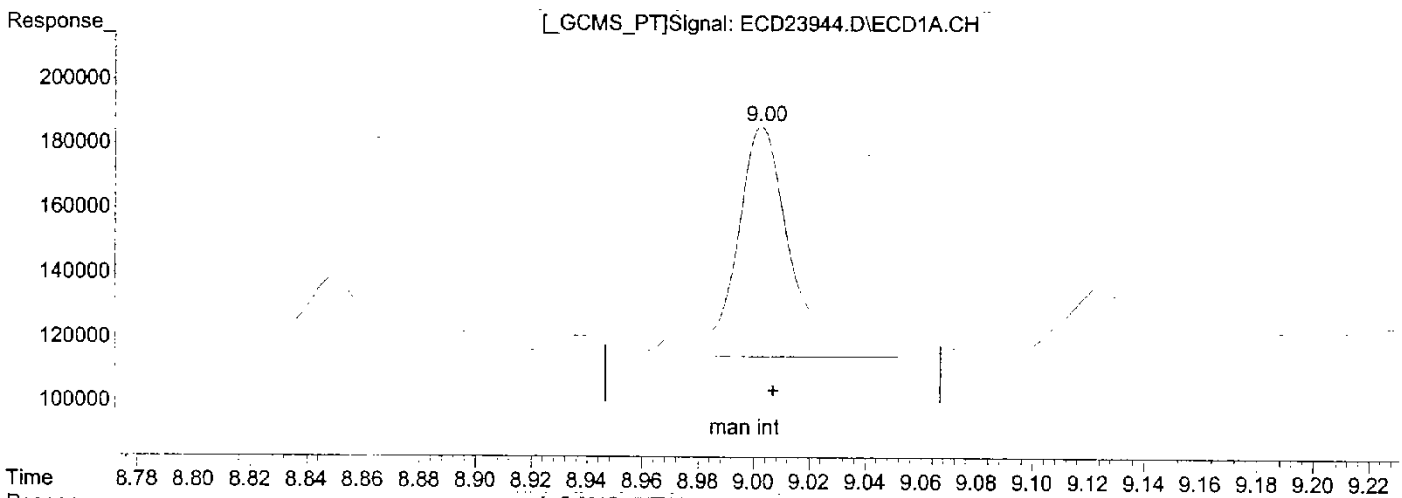
response 633478

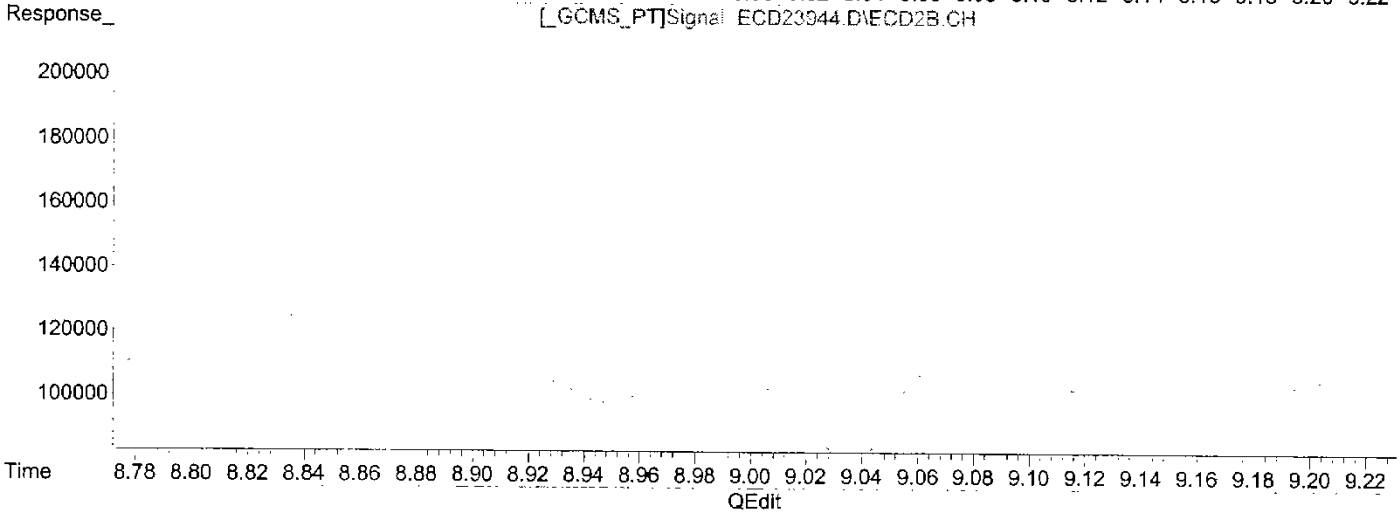
(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration





(17) 4,4'-DDD

9.00min 0.479ug/L m

response 958617

(17) 4,4'-DDD #2

10.00min 0.565ug/L

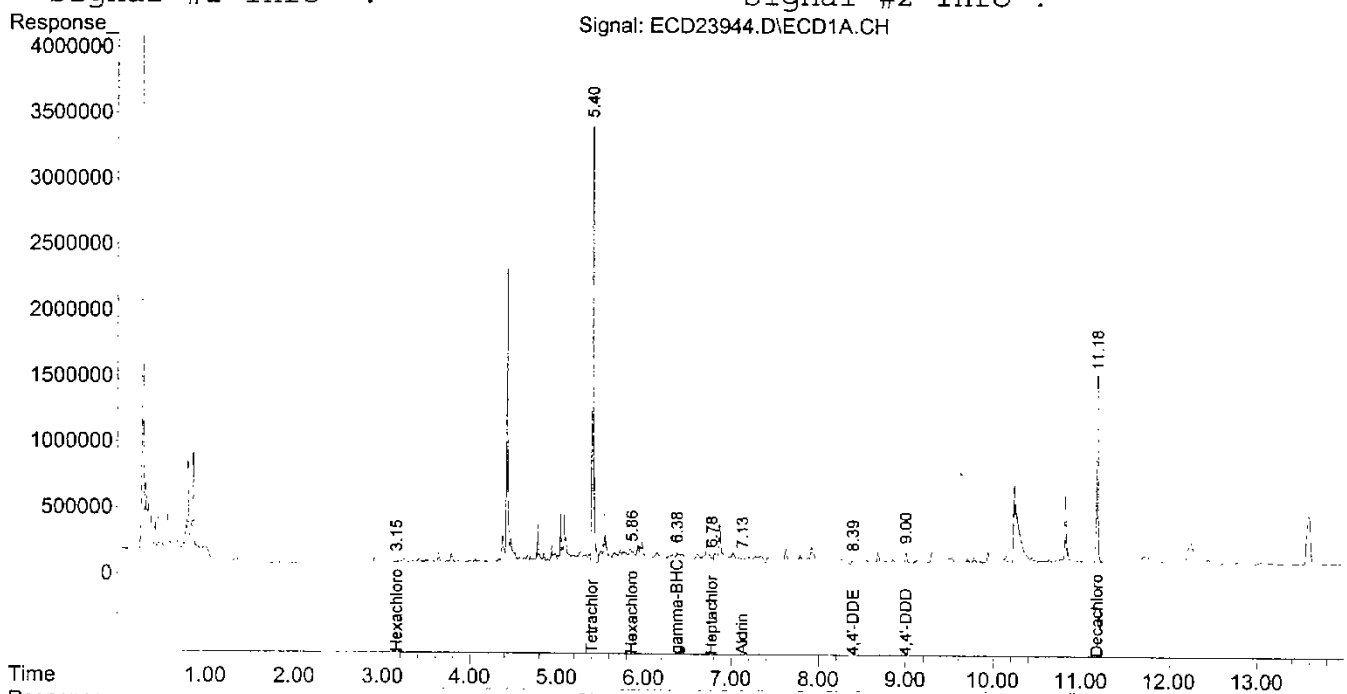
response 633478

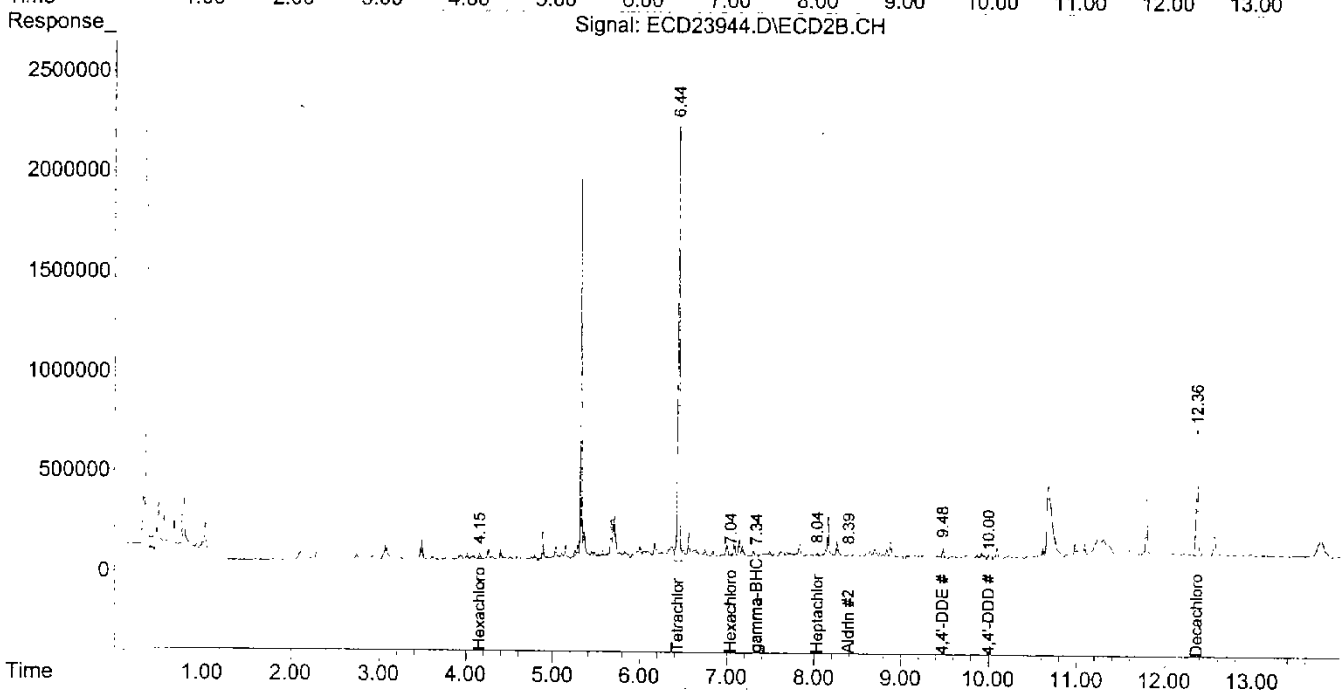
(+) = Expected Retention Time

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 5 13:45 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 16:07:43 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.44	39260470	27264927	14.537	14.728	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	72.69%	73.64%	
26)	SR	Decachlorobiphen	11.18	12.36	15816848	10097502	10.285	13.406	#
		Spiked Amount 20.000	Range 60 - 150			Recovery =	51.42%#	67.03%	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	113690	678686	0.022	0.198	# ✓
3)		alpha-BHC	5.98	6.93	4921854	900554	1.227	0.362	# NTA
4)	T	Hexachlorobenzen	5.86	7.04	2264695	572258	0.593	0.290	# ✓
5)	M	gamma-BHC (Linda	6.38	7.34	1538285	648806	0.442	0.303	# ✓
6)		beta-BHC	6.61f	7.68	2747986	835975	1.837	0.902	# NTA
7)		delta-BHC	7.02	7.97	3084770	1009038	0.969	0.505	# NTA
8)	M	Heptachlor	6.78	8.04	677243	1198866	0.220	0.606	# ✓
9)	M	Aldrin	7.13	8.39f	1099507	1167187	0.359	0.622	# ✓
10)		Heptachlor Epoxi	7.79	8.88	1957760	1485051	0.742	0.906	NTA
11)		gamma-Chlordane	0.00	9.26	0	211020	N.D.	0.138	NTA
12)		alpha-Chlordane	0.00	9.26f	0	211020	N.D.	0.142	NC
13)		Endosulfan I	8.26f	9.26f	2488724	211020	1.047	0.146	# NTA
14)		4,4'-DDE	8.39	9.48	695480	621251	0.301	0.456	# ✓
15)	M	Dieldrin	8.49	9.60	728648	141273	0.289 NC	<MDL	#
16)	M	Endrin	8.85	9.87	806625	339149	0.434	0.277	# NTA
17)		4,4'-DDD	9.00	10.00	1479946	633478	0.740	0.565	✓
18)		Endosulfan II	9.12	10.09f	1073415	976575	0.530	0.829	# NTA
19)	M	4,4'-DDT	9.30	0.00	1555187	0	1.135 NC	N.D.	#
20)		Endrin Aldehyde	9.40	10.23f	1422328	375651	0.907	0.417	# NTA
21)		Endosulfan Sulfa	0.00	10.52	0	215194	N.D.	<MDL	NTA
22)		Methoxychlor	10.00	10.67f	120081	16362294	0.199	35.982	# NTA
23)		Endrin Ketone	10.24f	10.90	21858703	266743	11.002	0.251	# NTA
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
ECD23944.D 070313_8081.M Thu Apr 05 12:50:27 2007 A Page 1

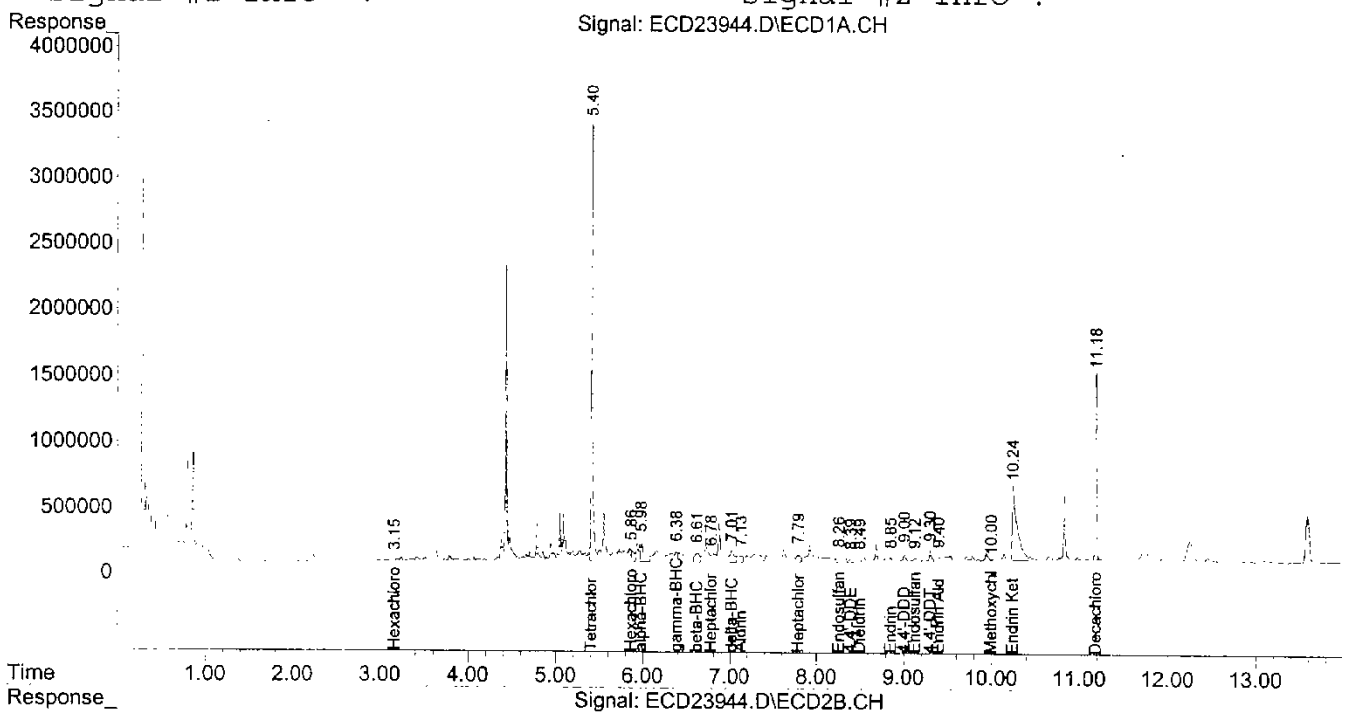
Data File Name	ECD23944.D
Sample Name	580-5404-A-14-B
RT STD File Name	ECD22089.D

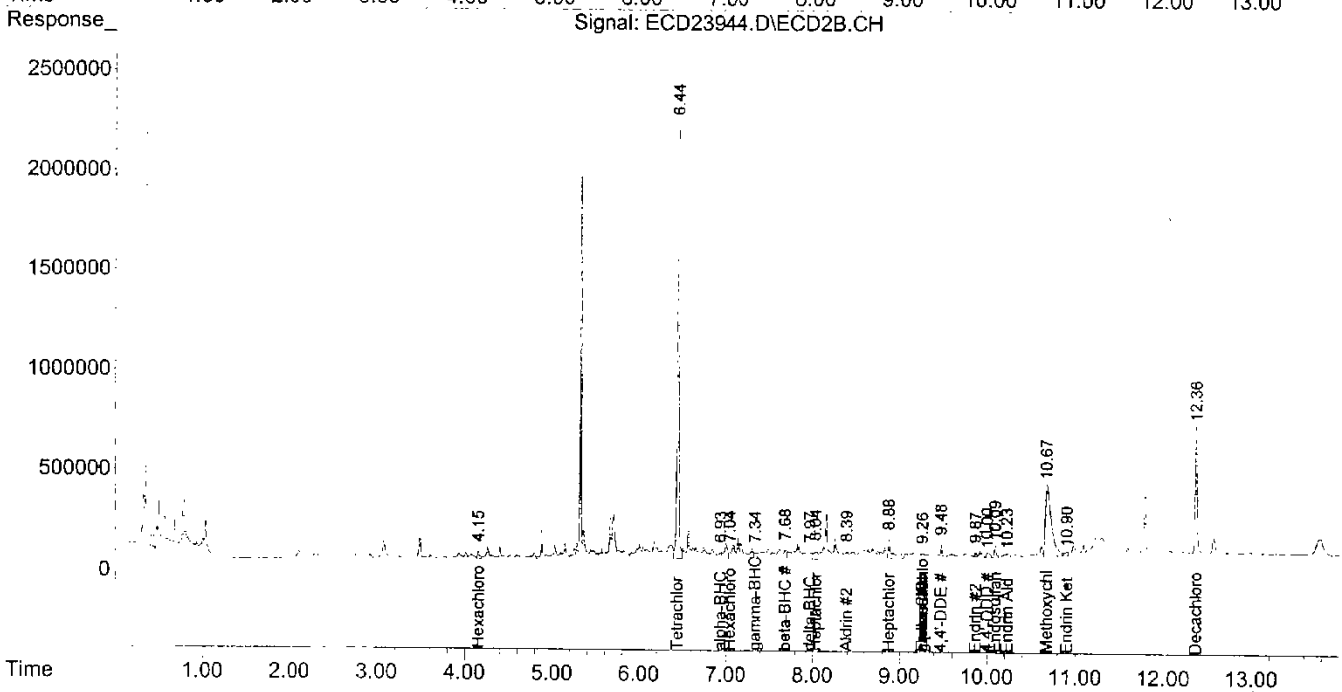
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	3.156	3.161	PASS	4.155	4.161	PASS
Tetrachloro-m-xylene (S)	5.404	5.405	PASS	6.436	6.437	PASS
alpha-BHC	5.977	5.967	PASS	6.932	6.941	PASS
Hexachlorobenzene	5.865	5.869	PASS	7.040	7.040	PASS
gamma-BHC (Lindane)	6.381	6.361	PASS	7.337	7.337	PASS
beta-BHC	6.612	6.659	FAIL	7.685	7.659	PASS
delta-BHC	7.015	6.989	PASS	7.970	7.966	PASS
Heptachlor	6.777	6.779	PASS	8.037	8.041	PASS
Aldrin	7.130	7.141	PASS	8.394	8.415	PASS
Heptachlor Epoxide	7.789	7.773	PASS	8.877	8.906	PASS
gamma-Chlordane	0.000	8.036	FAIL	9.262	9.251	PASS
alpha-Chlordane	0.000	8.143	FAIL	9.262	9.304	FAIL
Endosulfan I	8.258	8.199	FAIL	9.262	9.304	FAIL
4,4'-DDE	8.390	8.386	PASS	9.476	9.462	PASS
Dieldrin	8.492	8.514	PASS	9.604	9.622	PASS
Endrin	8.850	8.852	PASS	9.865	9.866	PASS
4,4'-DDD	9.003	9.008	PASS	10.002	10.006	PASS
Endosulfan II	9.124	9.142	PASS	10.092	10.140	FAIL
4,4'-DDT	9.298	9.295	PASS	0.000	10.312	FAIL
Endrin Aldehyde	9.397	9.383	PASS	10.228	10.249	PASS
Endosulfan Sulfate	0.000	9.594	FAIL	10.520	10.521	PASS
Methoxychlor	9.996	10.003	PASS	10.674	10.718	FAIL
Endrin Ketone	10.239	10.196	FAIL	10.904	10.907	PASS
Decachlorobiphenyl (S)	11.179	11.181	PASS	12.363	12.364	PASS

Signal #1 : L:\DATA\070404_A\ECD23944.D\ECD1A.CH Vial: 39
Signal #2 : L:\DATA\070404_A\ECD23944.D\ECD2B.CH
Acq On : 4-4-2007 03:42:18 PM Operator: STM
Sample : 580-5404-A-14-B Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:07 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





INITIAL CALIBRATION

Response Factor Report SEA035

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007

Calibration Files
1 =ECD23658.D 2 =ECD23659.D 5 =ECD23662.D
10 =ECD23661.D 20 =ECD23663.D 50 =ECD23664.D

		Compound	1	2	5	10	20	50	Avg		%RSD
1)	T	Hexachlorobutadi	4.784	4.927	5.183	5.224	5.263	5.240	5.119	E6	3.64
2)	SR	Tetrachloro-m-xy	2.603	2.497	2.721	2.739	2.816	2.791	2.701	E6	4.16
3)		alpha-BHC	3.303	3.565	3.982	4.143	4.310	4.386	4.010	E6	10.60
4)	T	Hexachlorobenzen	3.917	3.881	3.857	3.843	3.821	3.751	3.821	E6	2.11
5)	M	gamma-BHC (Linda	2.916	3.041	3.423	3.645	3.734	3.818	3.478	E6	10.53
6)		beta-BHC	1.425	1.480	1.472	1.549	1.529	1.532	1.496	E6	2.90
7)		delta-BHC	2.569	2.805	3.024	3.419	3.439	3.537	3.185	E6	12.12
8)	M	Heptachlor	2.690	2.896	3.089	3.326	3.291	3.242	3.085	E6	7.45
9)	M	Aldrin	2.613	2.848	3.035	3.311	3.284	3.245	3.065	E6	8.38
10)		Heptachlor Epoxi	2.440	2.596	2.659	2.874	2.752	2.644	2.637	E6	5.62
11)		gamma-Chlordane	2.349	2.557	2.591	2.867	2.786	2.791	2.666	E6	6.69
12)		alpha-Chlordane	2.292	2.487	2.506	2.771	2.669	2.663	2.567	E6	6.11
13)		Endosulfan I	2.140	2.364	2.353	2.599	2.488	2.424	2.378	E6	6.20
14)		4,4'-DDE	1.935	2.107	2.229	2.462	2.457	2.534	2.311	E6	9.74
15)	M	Dieldrin	2.191	2.374	2.513	2.786	2.669	2.634	2.521	E6	7.88
16)	M	Endrin	1.563	1.703	1.793	2.070	1.976	1.991	1.857	E6	9.68
17)		4,4'-DDD	1.712	1.880	1.938	2.218	2.107	2.126	1.999	E6	8.58
18)		Endosulfan II	1.821	1.957	2.033	2.210	2.098	2.095	2.027	E6	6.14
19)	M	4,4'-DDT	1.220	1.171	1.133	1.462	1.418	1.588	1.370	E6	14.29
20)		Endrin Aldehyde	1.437	1.502	1.556	1.686	1.600	1.635	1.569	E6	5.26
21)		Endosulfan Sulfa	1.681	1.803	1.845	2.023	1.888	1.893	1.846	E6	5.76
22)		Methoxychlor	4.831	5.188	5.547	6.767	6.457	6.868	6.044	E5	13.82
23)		Endrin Ketone	1.751	1.905	2.018	2.182	2.062	2.074	1.987	E6	7.10
24)	T	Toxaphene							0.000		-1.00
25)	T	Chlordane (techn							0.000		-1.00
26)	SR	Decachlorobiphen	1.619	1.599	1.643	1.558	1.469	1.481	1.538	E6	5.91

Signal #2 Calibration Files
1 =ECD23658.D 2 =ECD23659.D 5 =ECD23662.D
10 =ECD23661.D 20 =ECD23663.D 50 =ECD23664.D

		Compound	1	2	5	10	20	50	Avg		%RSD
1)	T	Hexachlorobutadi	3.488	3.526	3.508	3.497	3.458	3.340	3.436	E6	3.16
2)	SR	Tetrachloro-m-xy	1.911	1.914	1.853	1.855	1.847	1.820	1.851	E6	2.88
3)		alpha-BHC	2.294	2.410	2.469	2.572	2.581	2.578	2.488	E6	4.29
4)	T	Hexachlorobenzen	2.168	2.101	1.979	1.953	1.912	1.874	1.970	E6	6.44
5)	M	gamma-BHC (Linda	2.046	2.111	2.126	2.206	2.191	2.185	2.143	E6	2.61
6)		beta-BHC	1.038	1.005	0.930	0.919	0.883	0.869	0.927	E6	7.67
7)		delta-BHC	1.881	1.964	1.967	2.082	2.041	2.046	1.997	E6	3.36
8)	M	Heptachlor	2.043	2.038	1.981	2.025	1.958	1.933	1.977	E6	3.37
9)	M	Aldrin	1.864	1.905	1.856	1.938	1.889	1.870	1.876	E6	2.18
10)		Heptachlor Epoxi	1.779	1.724	1.612	1.678	1.610	1.569	1.639	E6	5.76
11)		gamma-Chlordane	1.608	1.610	1.499	1.569	1.495	1.480	1.527	E6	4.51
12)		alpha-Chlordane	1.592	1.586	1.467	1.525	1.442	1.423	1.487	E6	5.61
13)		Endosulfan I	1.550	1.544	1.432	1.487	1.403	1.384	1.447	E6	5.78

#) = Out of Range ### Number of calibration levels exceeded format ###

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007

Calibration Files
1 =ECD23658.D 2 =ECD23659.D 5 =ECD23662.D
10 =ECD23661.D 20 =ECD23663.D 50 =ECD23664.D

		Compound	1	2	5	10	20	50	Avg		%RSD
14)		4,4'-DDE	1.330	1.381	1.326	1.428	1.369	1.377	1.363	E6	2.74
15)	M	Dieldrin	1.454	1.489	1.424	1.515	1.457	1.455	1.457	E6	2.55
16)	M	Endrin	1.136	1.243	1.179	1.324	1.244	1.239	1.223	E6	4.90
17)		4,4'-DDD	1.115	1.146	1.092	1.177	1.110	1.126	1.120	E6	3.03
18)		Endosulfan II	1.265	1.255	1.146	1.212	1.135	1.138	1.178	E6	5.57
19)	M	4,4'-DDT	8.055	8.595	8.154	9.263	8.705	9.234	8.730	E5	5.69
20)		Endrin Aldehyde	9.574	9.671	8.839	9.216	8.601	8.732	9.013	E5	5.32
21)		Endosulfan Sulfa	1.205	1.190	1.077	1.114	1.026	1.026	1.089	E6	7.84
22)		Methoxychlor	5.095	4.666	4.329	4.780	4.272	4.397	4.547	E5	6.83
23)		Endrin Ketone	1.120	1.097	1.047	1.100	1.024	1.053	1.064	E6	4.00
24)	T	Toxaphene							0.000		-1.00
25)		Chlordane (techn							0.000		-1.00
26)	SR	Decachlorobiphen	8.406	8.174	7.907	7.575	7.056	7.026	7.532	E5	8.91

(#) = Out of Range ### Number of calibration levels exceeded format ###

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	1	1.00	0.00	L:\DATA\070313_A\ECD23658.D
2	2	2.00	0.00	L:\DATA\070313_A\ECD23659.D
3	5	5.00	0.00	L:\DATA\070313_A\ECD23662.D
4	10	10.00	0.00	L:\DATA\070313_A\ECD23661.D
5	20	20.00	0.00	L:\DATA\070313_A\ECD23663.D
6	50	50.00	0.00	L:\DATA\070313_A\ECD23664.D
7	ccv	20.00	0.00	F:\DATA\060314\ECD17277.D
8	100	100.00	0.00	L:\DATA\070313_A\ECD23665.D

#	ID	Update Time	Quant Time	Acquisition Time
1	1	Mar 13 16:34 2007	Mar 13 16:34 2007	
2	2	Mar 13 16:35 2007	Mar 13 16:34 2007	
3	5	Mar 13 16:35 2007	Mar 13 16:34 2007	
4	10	Mar 13 16:35 2007	Mar 13 16:35 2007	
5	20	Mar 13 16:35 2007	Mar 13 16:35 2007	
6	50	Mar 13 16:55 2007	Mar 13 16:54 2007	
7	ccv	Mar 15 12:30 2006	Mar 15 10:53 2006	
8	100	Mar 13 17:15 2007	Mar 13 17:15 2007	

070313_8081.M Tue Mar 20 09:21:10 2007 A

Sequence Log

Directory : 1:\DATA\070313_A

#	Filename	Sample Name	Date/Time
1	ecd23657.d	DDT/Endrin Breakdown	03/13/07 14:22
2	ecd23658.d	1.0 ug/L 8081 ical 1174-55-8	03/13/07 14:42
3	ecd23659.d	2.0 ug/L 8081 ical 1174-55-7	03/13/07 15:01
4	ecd23660.d	5.0 ug/L 8081 ical 1174-55-6	03/13/07 15:21
5	ecd23661.d	10 ug/L 8081 ical 1174-55-5	03/13/07 15:40
6	ecd23662.d	5.0 ug/L 8081 ical 1174-55-6	03/13/07 16:00
7	ecd23663.d	20 ug/L 8081 ical 1174-55-4	03/13/07 16:19
8	ecd23664.d	50 ug/L 8081 ical 1174-55-3	03/13/07 16:39
9	ecd23665.d	100 ug/L 8081 ical 1174-55-2	03/13/07 16:58
10	ecd23666.d	20 ug/L 8081 icv 1174-56-2	03/13/07 17:18
11	ecd23667.d	500 ug/L Toxaphene ical 1174-45-5	03/13/07 17:37

Signal #1 : L:\DATA\070313_A\ECD23657.D\ECD1A.CH Vial: 15
Signal #2 : L:\DATA\070313_A\ECD23657.D\ECD2B.CH
Acq On : 3-13-2007 02:22:50 PM Operator: STM
Sample : DDT/Endrin Breakdown Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:37:51 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.43	6.52f	159204	97473	<MDL	0.053	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	0.00%#	0.27%#	
26)	SR	Decachlorobiphen	11.19	0.00	406384	0	0.264	N.D.	#
		Spiked Amount 20.000	Range 60 - 150			Recovery =	1.32%#	0.00%#	
		Target Compounds							
1)	T	Hexachlorobutadi	0.00	0.00	0	0	N.D.	N.D.	
3)		alpha-BHC	0.00	7.02f	0	229629	N.D.	0.092	
4)	T	Hexachlorobenzen	5.89	7.06	186589	92508	0.049	0.047	
5)	M	gamma-BHC (Linda	6.41	7.41f	-43364	137107	N.D.	0.064	
6)		beta-BHC	6.66	0.00	271459	0	0.182	N.D.	#
7)		delta-BHC	7.04f	7.98	1373932	1104108	0.431	0.553	#
8)	M	Heptachlor	6.83f	8.07	1020870	1338803	0.331	0.677	#
9)	M	Aldrin	7.15	8.44	1134230	1991158	0.370	1.062	#
10)		Heptachlor Epoxi	7.82	8.90f	2126908	4548520	0.807	2.775	#
11)		gamma-Chlordane	8.07	0.00	2562671	0	0.961	N.D.	#
12)		alpha-Chlordane	8.15	9.36	1387289	3244683	0.540	2.182	#
13)		Endosulfan I	0.00	9.36	0	3244683	N.D.	2.243	
14)		4,4'-DDE	8.41	9.50	2430925	2763102	1.052	2.027	#
15)	M	Dieldrin	8.49f	9.60f	1995071	196783	0.791	0.135	#
16)	M	Endrin	8.88	9.89	113.1E6	67324055	60.931	55.058	
17)		4,4'-DDD	9.03	10.03	15844678	4903724	7.925	4.377	#
18)		Endosulfan II	9.14	10.17	4166	539378	<MDL	0.458	#
19)	M	4,4'-DDT	9.32	10.33	178.9E6	99270679	130.524	113.715	
20)		Endrin Aldehyde	9.41	0.00	610302	0	0.389	N.D.	#
21)		Endosulfan Sulfa	9.56f	0.00	120172	0	0.065	N.D.	#
22)		Methoxychlor	10.05f	10.70f	601595	32562839	0.995	71.609	#
23)		Endrin Ketone	10.22	10.93	3234635	777457	1.628	0.731	#
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

Data File Name ECD23657.D
Data File Path L:\DATA\070313_A\

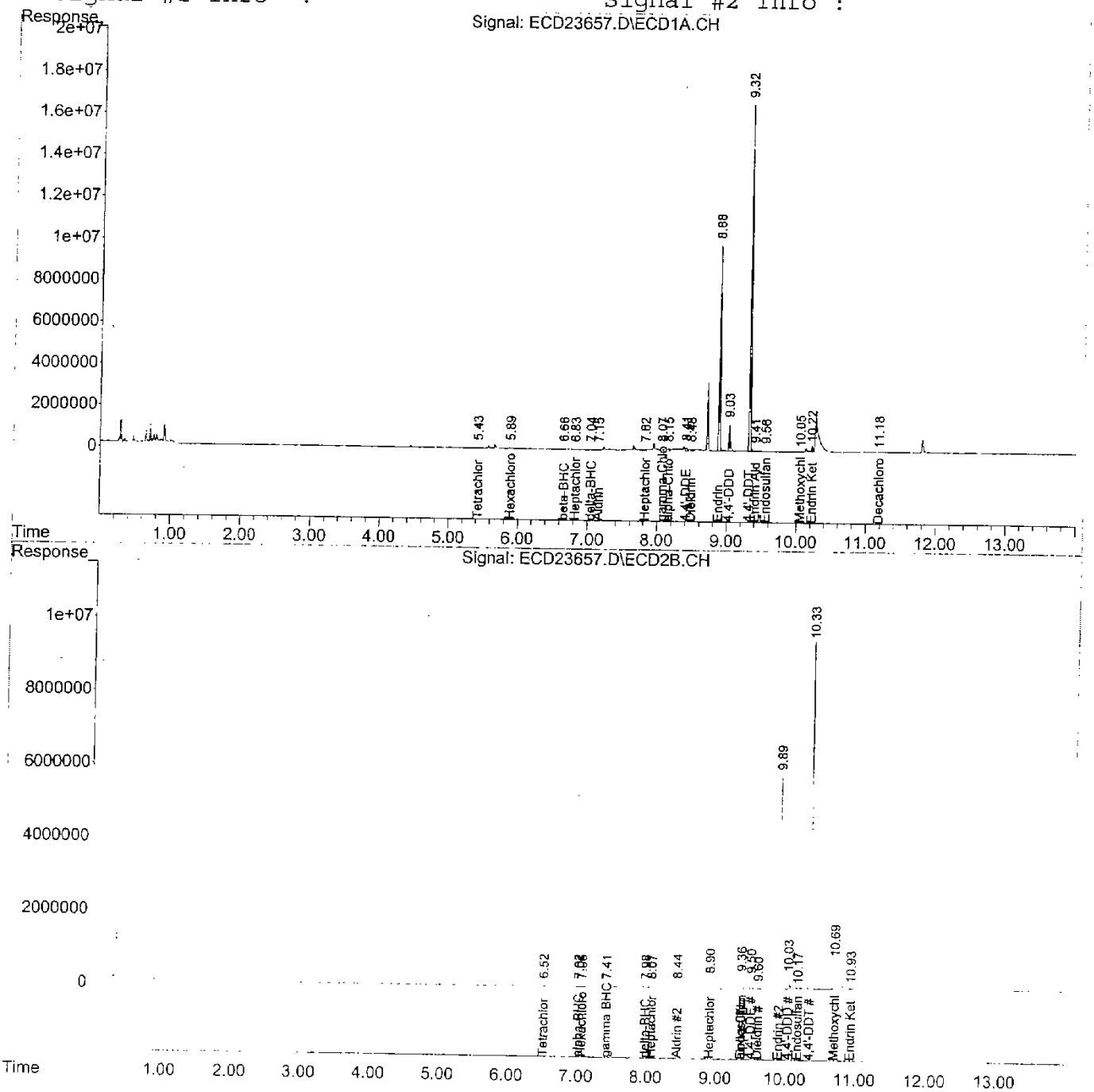
Sample ID DDT/Endrin Breakdown

	RT	Response		RT	Response
Endrin	8.88	113134508.4	4,4'-DDT	9.32	178852877.1
Endrin Aldehyde	9.41	610302.452	4,4'-DDD	9.03	15844678.18
Endrin Ketone	10.22	3234634.913	4,4'-DDE	8.41	2430924.734
%Breakdown		3.3%			9.3%
Endrin #2	9.89	67324055.29	4,4'-DDT #2	10.33	99270678.83
Endrin Aldehyde #2	0.00	0	4,4'-DDD #2	10.03	4903723.617
Endrin Ketone #2	10.93	777456.675	4,4'-DDE #2	9.50	2763102.204
%Breakdown		1.1%			7.2%

Signal #1 : L:\DATA\070313_A\ECD23657.D\ECD1A.CH Vial: 15
Signal #2 : L:\DATA\070313_A\ECD2B.CH
Acq On : 3-13-2007 02:22:50 PM Operator: STM
Sample : DDT/Endrin Breakdown Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:37 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Signal #1 : L:\DATA\070313_A\ECD23658.D\ECD1A.CH Vial: 16
Signal #2 : L:\DATA\070313_A\ECD23658.D\ECD2B.CH
Acq On : 3-13-2007 02:42:19 PM Operator: STM
Sample : 1.0 ug/L 8081 ical 1174-55-8 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:37:57 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	2602939	1910510	0.964	1.032
		Spiked Amount 20.000	Range 60 - 150		Recovery =		4.82%#	5.16%#
26)	SR	Decachlorobiphen	11.20	12.40	1618953	840620	1.053	1.116
		Spiked Amount 20.000	Range 60 - 150		Recovery =		5.26%#	5.58%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	4783750	3487912	0.935	1.015
3)		alpha-BHC	5.98	6.97	3303153	2294367	0.824	0.922
4)	T	Hexachlorobenzen	5.89	7.06	3916587	2167736	1.025	1.100
5)	M	gamma-BHC (Linda	6.38	7.36	2915637	2045902	0.838	0.955
6)		beta-BHC	6.68	7.68	1424798	1037632	0.953	1.119
7)		delta-BHC	7.01	7.99	2568561	1880532	0.807	0.942
8)	M	Heptachlor	6.80	8.06	2690495	2043347	0.872	1.034
9)	M	Aldrin	7.16	8.44	2612639	1864087	0.852	0.994
10)		Heptachlor Epoxi	7.79	8.93	2440308	1778745	0.926	1.085
11)		gamma-Chlordane	8.06	9.28	2349246	1608484	0.881	1.053
12)		alpha-Chlordane	8.16	9.33	2291527	1591603	0.893	1.071
13)		Endosulfan I	8.22	9.37	2139677	1550085	0.900	1.071
14)		4,4'-DDE	8.40	9.49	1934979	1329816	0.837	0.976
15)	M	Dieldrin	8.54	9.65	2191443	1454118	0.869	0.998
16)	M	Endrin	8.87	9.89	1562684	1136120	0.842	0.929
17)		4,4'-DDD	9.03	10.03	1711787	1114597	0.856	0.995
18)		Endosulfan II	9.16	10.16	1821304	1265014	0.899	1.074
19)	M	4,4'-DDT	9.31	10.33	1219910	805546	0.890	0.923
20)		Endrin Aldehyde	9.40	10.27	1437494	957428	0.916	1.062
21)		Endosulfan Sulfa	9.61	10.54	1681013	1205136	0.911	1.107
22)		Methoxychlor	10.02	10.74	483094	509453	0.799	1.120 #
23)		Endrin Ketone	10.22	10.93	1750865	1119930	0.881	1.053
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

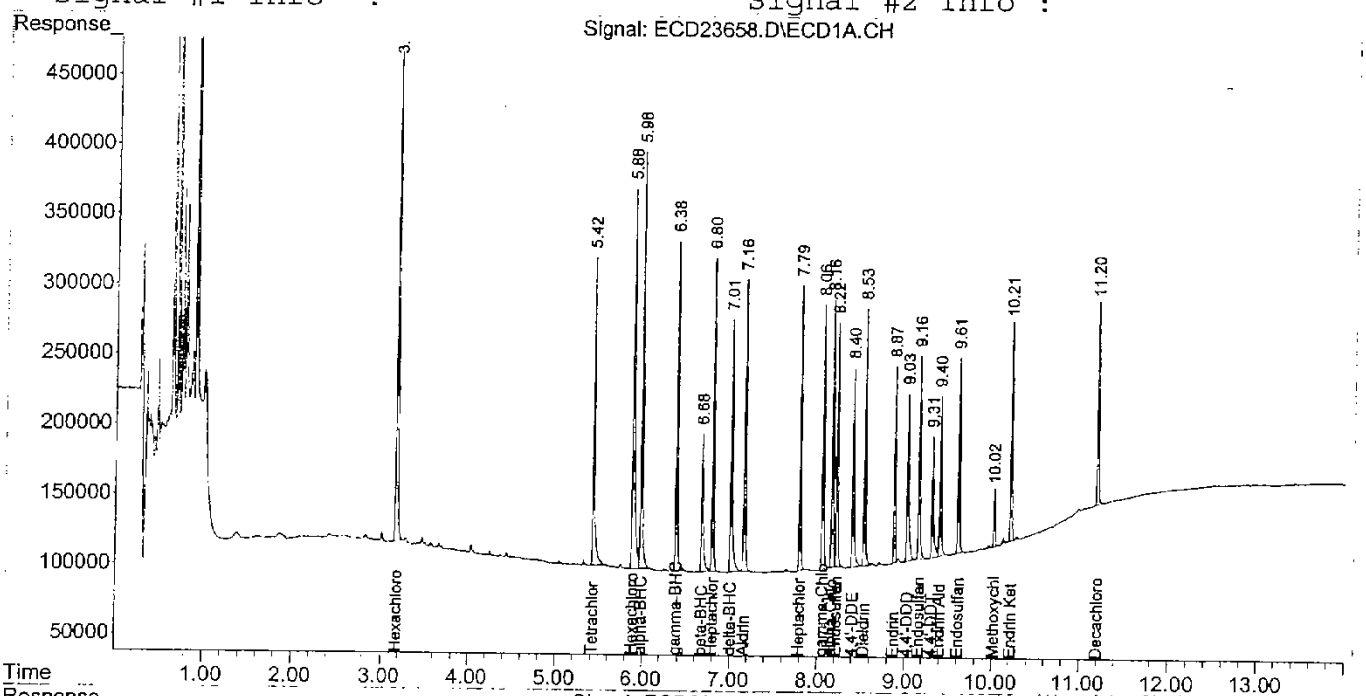
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

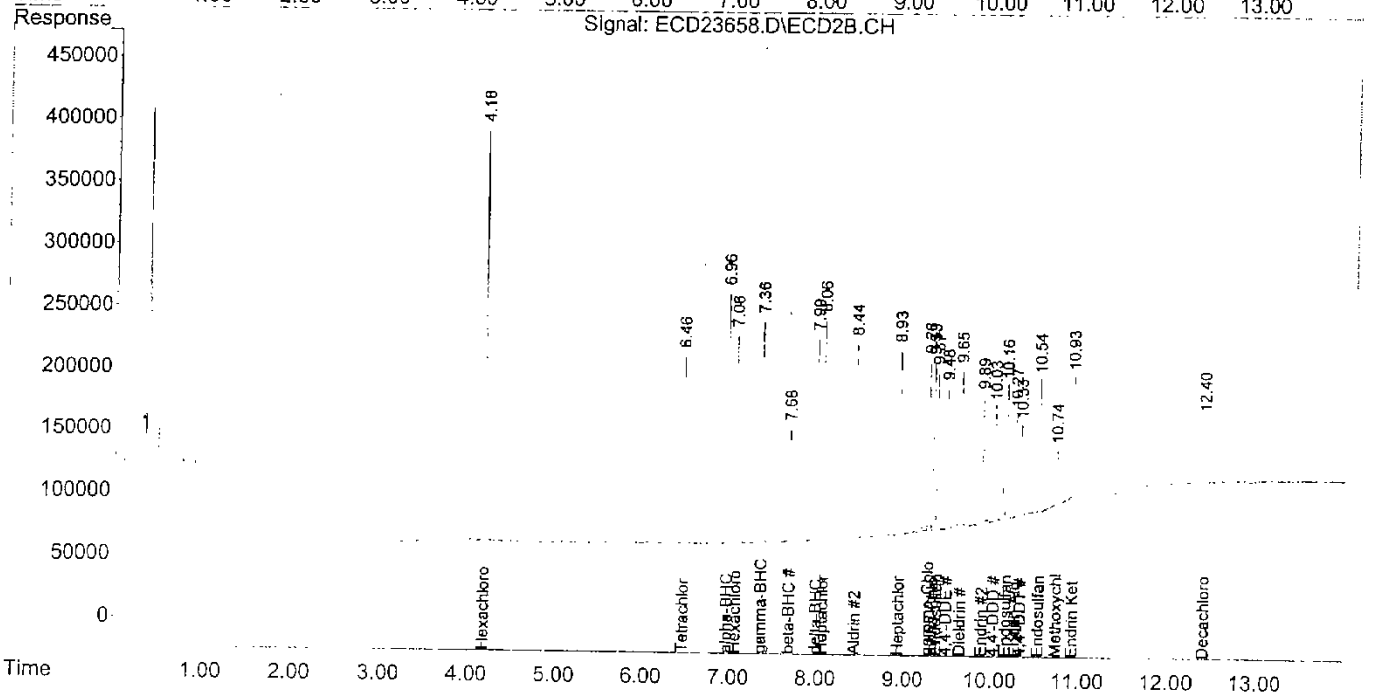
ECD23658.D 070313_8081.M Tue Mar 20 09:37:59 2007 A Page 1

Signal #1 : L:\DATA\070313_A\ECD23658.D\ECD1A.CH Vial: 16
Signal #2 : L:\DATA\070313_A\ECD23658.D\ECD2B.CH
Acq On : 3-13-2007 02:42:19 PM Operator: STM
Sample : 1.0 ug/L 8081 ical 1174-55-8 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:37 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Signal #1 : L:\DATA\070313_A\ECD23659.D\ECD1A.CH Vial: 17
Signal #2 : L:\DATA\070313_A\ECD23659.D\ECD2B.CH
Acq On : 3-13-2007 03:01:46 PM Operator: STM
Sample : 2.0 ug/L 8081 ical 1174-55-7 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:04 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

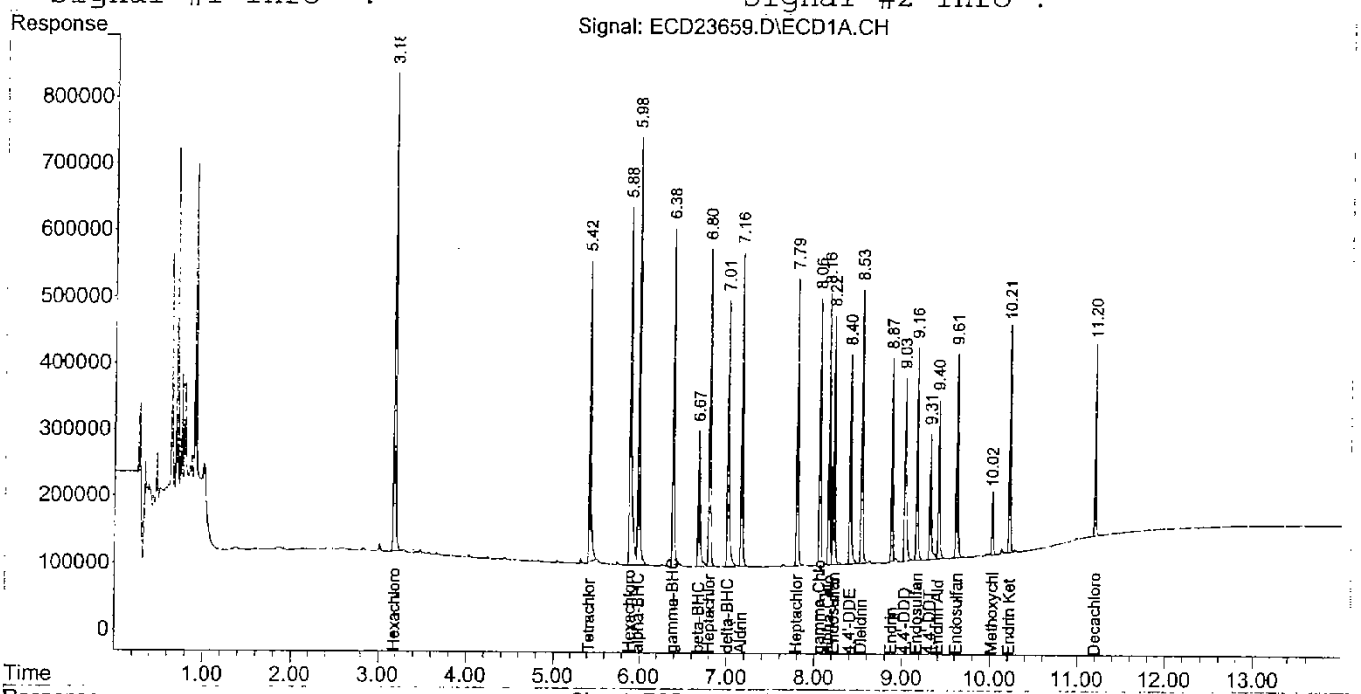
Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

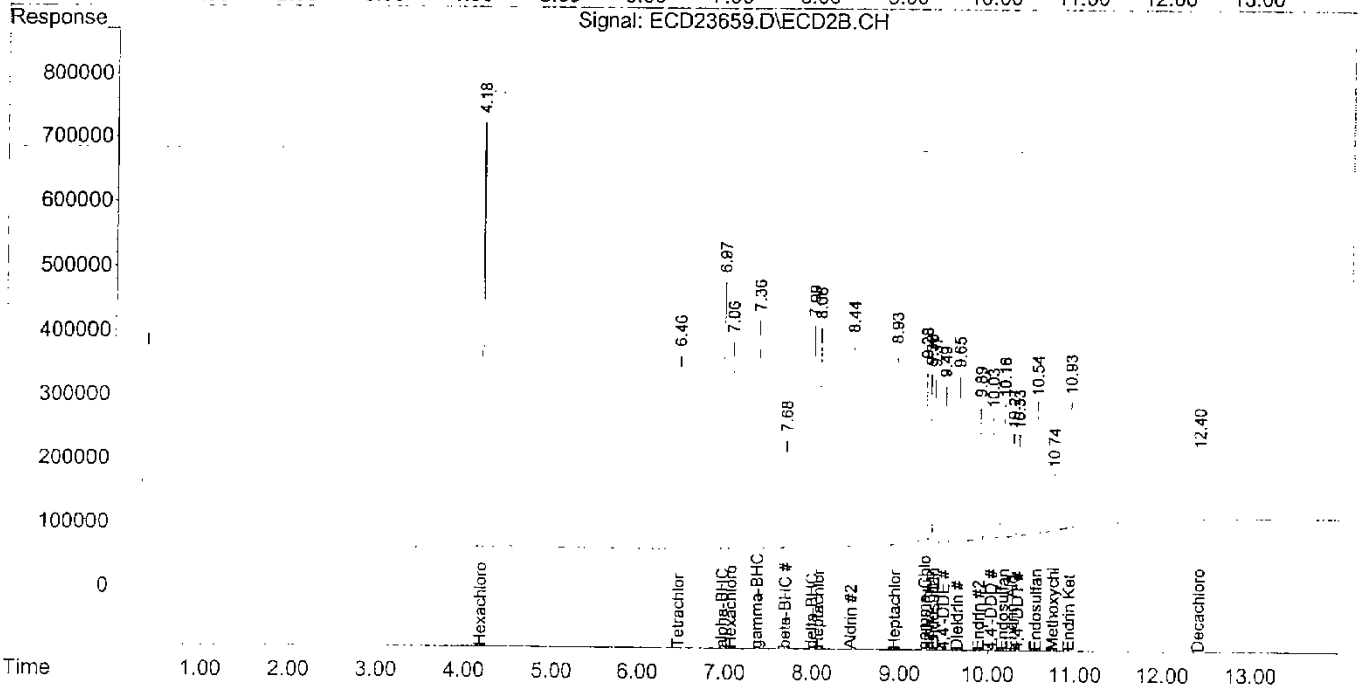
		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	4994653	3827498	1.849	2.068
		Spiked Amount 20.000	Range 60 - 150			Recovery =	9.25%#	10.34%#
26)	SR	Decachlorobiphen	11.20	12.40	3197112	1634747	2.079	2.170
		Spiked Amount 20.000	Range 60 - 150			Recovery =	10.40%#	10.85%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	9853600	7051799	1.925	2.053
3)		alpha-BHC	5.98	6.97	7129871	4819952	1.778	1.937
4)	T	Hexachlorobenzen	5.88	7.06	7761102	4202406	2.031	2.133
5)	M	gamma-BHC (Linda	6.38	7.36	6082651	4222722	1.749	1.970
6)		beta-BHC	6.68	7.68	2960942	2010051	1.980	2.168
7)		delta-BHC	7.01	7.99	5609253	3928965	1.761	1.967
8)	M	Heptachlor	6.80	8.06	5792239	4076308	1.877	2.062
9)	M	Aldrin	7.16	8.44	5696529	3810359	1.859	2.031
10)		Heptachlor Epoxi	7.79	8.93	5192115	3448468	1.969	2.104
11)		gamma-Chlordane	8.06	9.28	5113258	3219411	1.918	2.108
12)		alpha-Chlordane	8.16	9.33	4974818	3172944	1.938	2.134
13)		Endosulfan I	8.22	9.37	4728015	3088323	1.988	2.135
14)		4,4'-DDE	8.40	9.49	4214262	2761145	1.823	2.026
15)	M	Dieldrin	8.53	9.65	4747825	2977288	1.883	2.044
16)	M	Endrin	8.87	9.89	3405317	2486725	1.834	2.034
17)		4,4'-DDD	9.03	10.03	3759835	2292472	1.880	2.046
18)		Endosulfan II	9.16	10.16	3914417	2509546	1.931	2.130
19)	M	4,4'-DDT	9.31	10.33	2341070	1719038	1.708	1.969
20)		Endrin Aldehyde	9.40	10.27	3004603	1934269	1.915	2.146
21)		Endosulfan Sulfa	9.61	10.54	3605972	2379325	1.953	2.186
22)		Methoxychlor	10.02	10.74	1037618	933115	1.717	2.052
23)		Endrin Ketone	10.21	10.93	3809143	2194962	1.917	2.063
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

Signal #1 : L:\DATA\070313_A\ECD23659.D\ECD1A.CH Vial: 17
Signal #2 : L:\DATA\070313_A\ECD23659.D\ECD2B.CH
Acq On : 3-13-2007 03:01:46 PM Operator: STM
Sample : 2.0 ug/L 8081 ical 1174-55-7 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Signal #1 : L:\DATA\070313_A\ECD23660.D\ECD1A.CH Vial: 18
Signal #2 : L:\DATA\070313_A\ECD23660.D\ECD2B.CH
Acq On : 3-13-2007 03:21:14 PM Operator: STM
Sample : 5.0 ug/L 8081 ical 1174-55-6 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:11 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

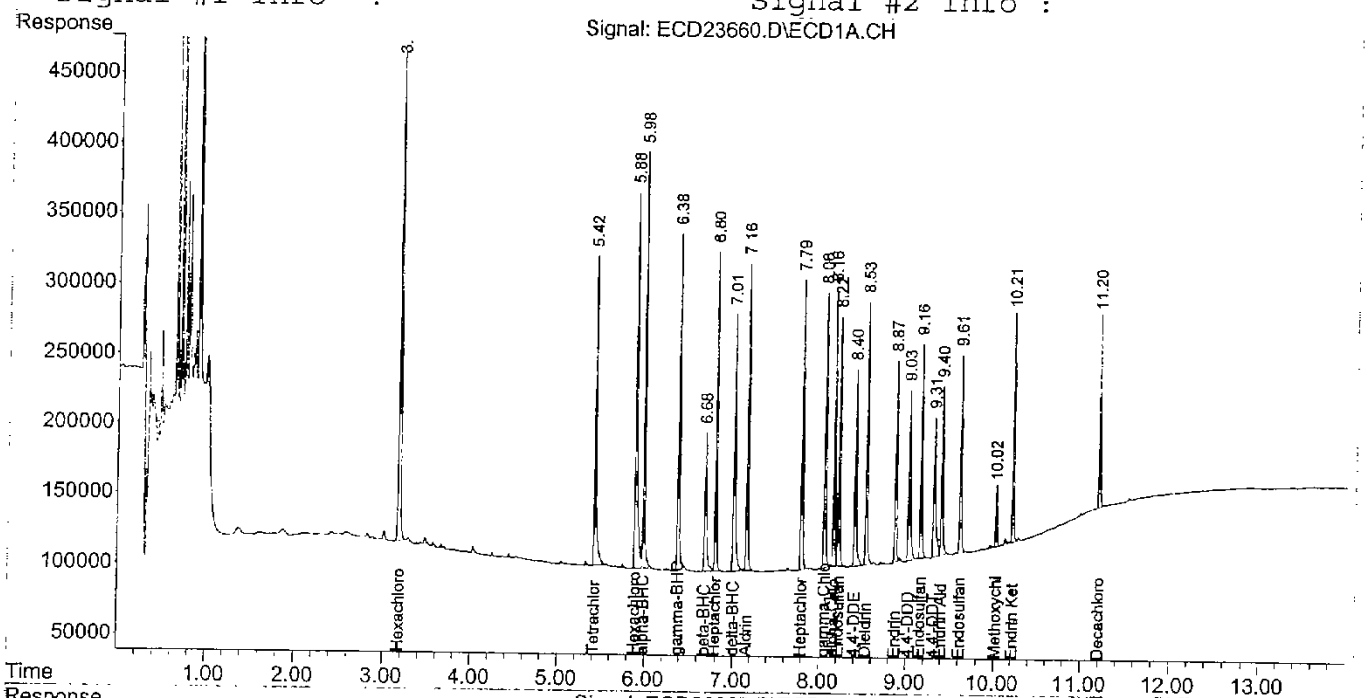
Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

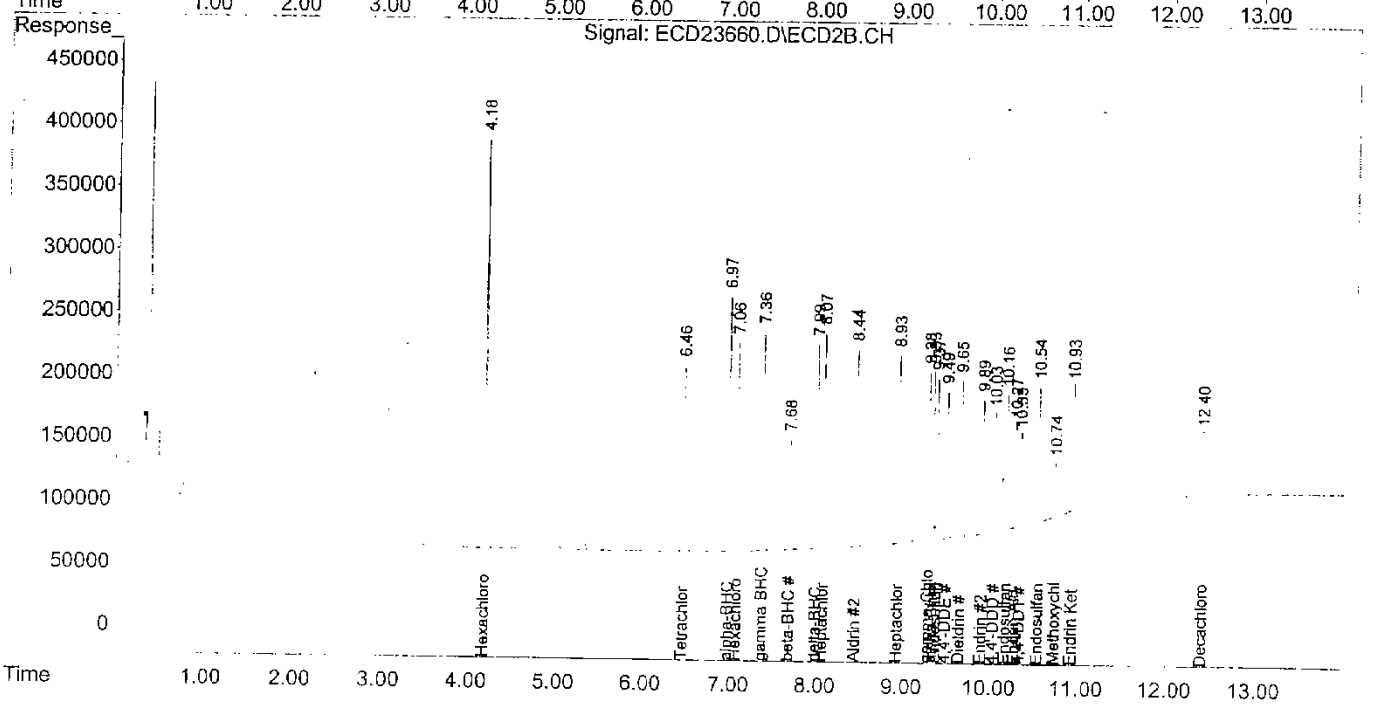
		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	2604826	1901096	0.964	1.027
		Spiked Amount 20.000	Range 60 - 150			Recovery =	4.82%#	5.13%#
26)	SR	Decachlorobiphen	11.20	12.40	1542293	790126	1.003	1.049
		Spiked Amount 20.000	Range 60 - 150			Recovery =	5.01%#	5.24%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	4820237	3482854	0.942	1.014
3)		alpha-BHC	5.98	6.97	3328424	2300073	0.830	0.924
4)	T	Hexachlorobenzen	5.89	7.07	3934157	2168680	1.030	1.101
5)	M	gamma-BHC (Linda	6.38	7.36	2850725	2054343	0.820	0.959
6)		beta-BHC	6.68	7.68	1472044	1040274	0.984	1.122
7)		delta-BHC	7.01	7.99	2613269	1886015	0.821	0.944
8)	M	Heptachlor	6.80	8.07	2744697	2037103	0.890	1.031
9)	M	Aldrin	7.16	8.44	2664853	1868611	0.869	0.996
10)		Heptachlor Epoxi	7.79	8.93	2490857	1748133	0.945	1.066
11)		gamma-Chlordane	8.06	9.28	2402148	1646760	0.901	1.078
12)		alpha-Chlordane	8.16	9.33	2338643	1618699	0.911	1.089
13)		Endosulfan I	8.22	9.37	2195351	1583916	0.923	1.095
14)		4,4'-DDE	8.40	9.49	1988791	1351989	0.861	0.992
15)	M	Dieldrin	8.53	9.65	2264673	1480071	0.898	1.016
16)	M	Endrin	8.87	9.89	1608266	1204781	0.866	0.985
17)		4,4'-DDD	9.03	10.03	1743194	1119990	0.872	1.000
18)		Endosulfan II	9.16	10.16	1887724	1305242	0.931	1.108
19)	M	4,4'-DDT	9.31	10.33	1549964	837551	1.131	0.959
20)		Endrin Aldehyde	9.40	10.27	1514356	989920	0.965	1.098
21)		Endosulfan Sulfa	9.61	10.54	1738418	1212262	0.942	1.114
22)		Methoxychlor	10.02	10.74	511955	478875	0.847	1.053
23)		Endrin Ketone	10.21	10.93	1854274	1097075	0.933	1.031
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

Signal #1 : L:\DATA\070313_A\ECD23660.D\ECD1A.CH Vial: 18
Signal #2 : L:\DATA\070313_A\ECD23660.D\ECD2B.CH
Acq On : 3-13-2007 03:21:14 PM Operator: STM
Sample : 5.0 ug/L 8081 ical 1174-55-6 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Signal #1 : L:\DATA\070313_A\ECD23661.D\ECD1A.CH Vial: 19
Signal #2 : L:\DATA\070313_A\ECD23661.D\ECD2B.CH
Acq On : 3-13-2007 03:40:42 PM Operator: STM
Sample : 10 ug/L 8081 ical 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:18 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	27385123	18551280	10.140	10.021
		Spiked Amount 20.000	Range 60 - 150		Recovery =		50.70%#	50.10%#
26)	SR	Decachlorobiphen	11.20	12.40	15575073	7574807	10.127	10.056
		Spiked Amount 20.000	Range 60 - 150		Recovery =		50.64%#	50.28%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	52235094	34969097	10.205	10.178
3)		alpha-BHC	5.98	6.97	41426179	25715242	10.331	10.335
4)	T	Hexachlorobenzen	5.88	7.06	38431475	19527603	10.057	9.912
5)	M	gamma-BHC (Linda	6.38	7.36	36447850	22055537	10.478	10.292
6)		beta-BHC	6.67	7.68	15487153	9191647	10.355	9.915
7)		delta-BHC	7.01	7.99	34188795	20821124	10.735	10.425
8)	M	Heptachlor	6.80	8.07	33257535	20245471	10.779	10.242
9)	M	Aldrin	7.16	8.44	33109511	19376514	10.803	10.330
10)		Heptachlor Epoxi	7.79	8.93	28742819	16777660	10.901	10.236
11)		gamma-Chlordane	8.06	9.28	28665437	15693099	10.753	10.274
12)		alpha-Chlordane	8.16	9.33	27714244	15245160	10.796	10.254
13)		Endosulfan I	8.22	9.37	25986022	14865435	10.929	10.275
14)		4,4'-DDE	8.40	9.49	24619465	14281873	10.653	10.479
15)	M	Dieldrin	8.53	9.65	27855884	15146614	11.048	10.398
16)	M	Endrin	8.87	9.89	20695139	13240696	11.146	10.828
17)		4,4'-DDD	9.02	10.03	22183780	11774183	11.095	10.510
18)		Endosulfan II	9.16	10.16	22098705	12120109	10.903	10.288
19)	M	4,4'-DDT	9.31	10.33	14615729	9262877	10.666	10.611
20)		Endrin Aldehyde	9.40	10.27	16858238	9216065	10.746	10.225
21)		Endosulfan Sulfa	9.61	10.54	20233234	11137666	10.961	10.232
22)		Methoxychlor	10.02	10.74	6766708	4780271	11.197	10.512
23)		Endrin Ketone	10.22	10.93	21822133	11004517	10.983	10.342
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

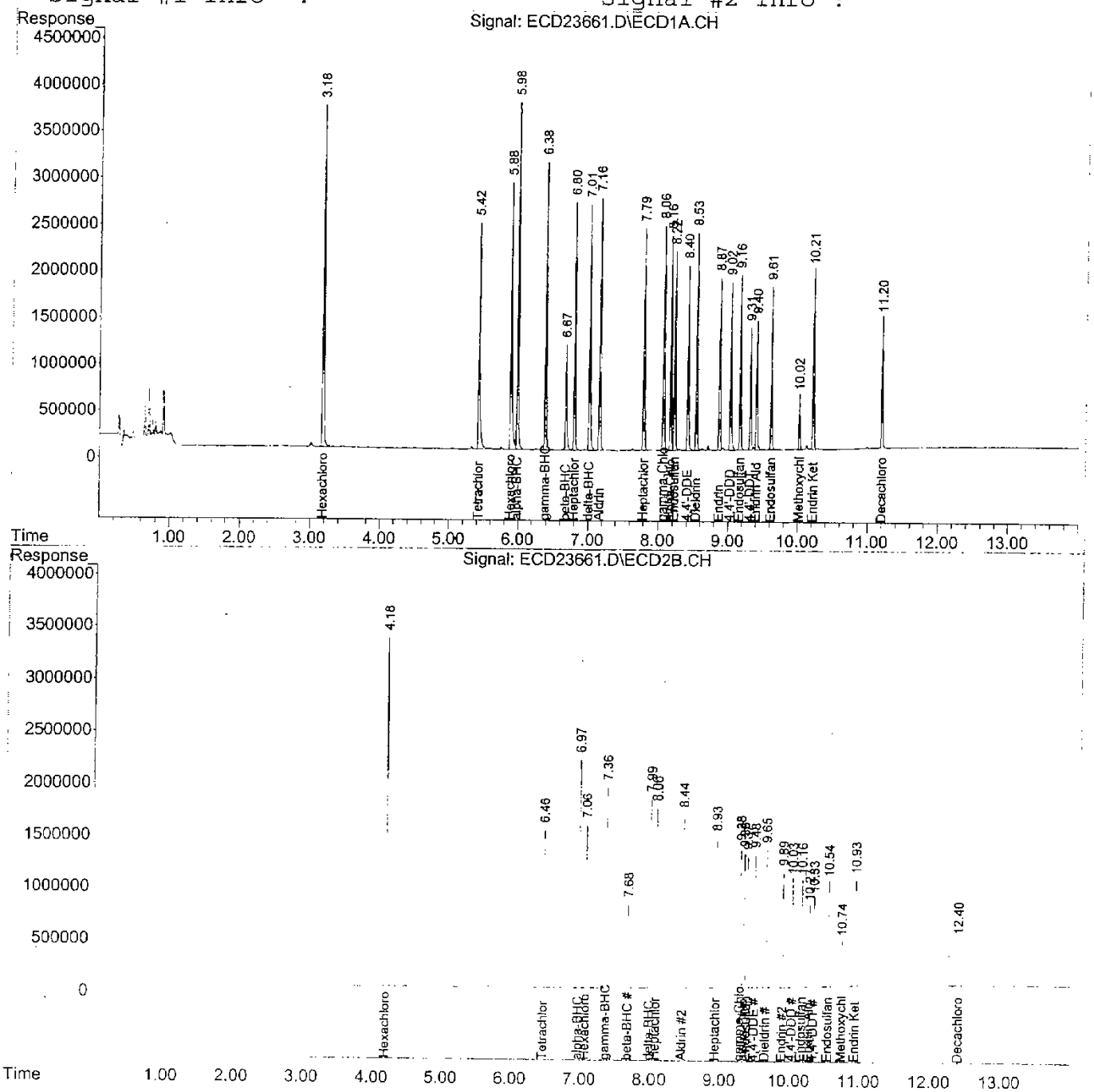
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

ECD23661.D 070313_8081.M Tue Mar 20 09:38:20 2007 A Page 1

Signal #1 : L:\DATA\070313_A\ECD23661.D\ECD1A.CH Vial: 19
Signal #2 : L:\DATA\070313_A\ECD23661.D\ECD2B.CH
Acq On : 3-13-2007 03:40:42 PM Operator: STM
Sample : 10 ug/L 8081 ical 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23662.D\ECD1A.CH Vial: 18
Signal #2 : L:\DATA\070313_A\ECD23662.D\ECD2B.CH
Acq On : 3-13-2007 04:00:13 PM Operator: STM
Sample : 5.0 ug/L 8081 ical 1174-55-6 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:24 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

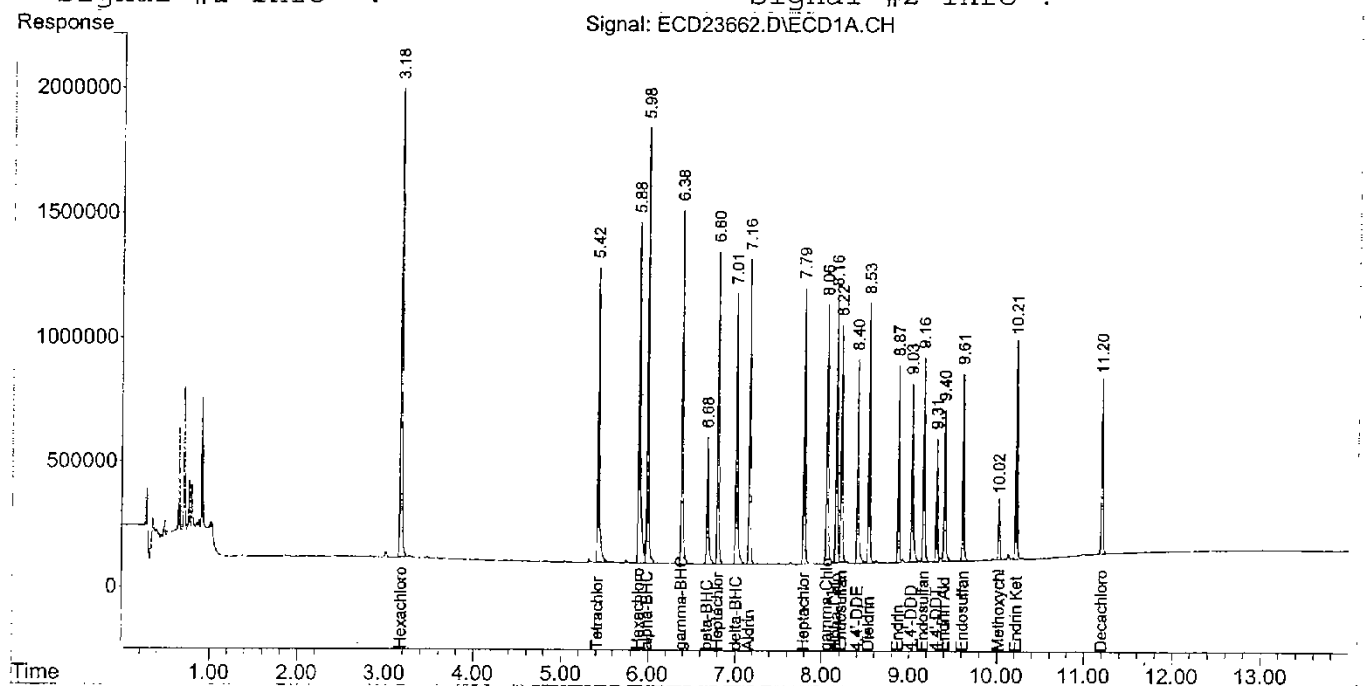
Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

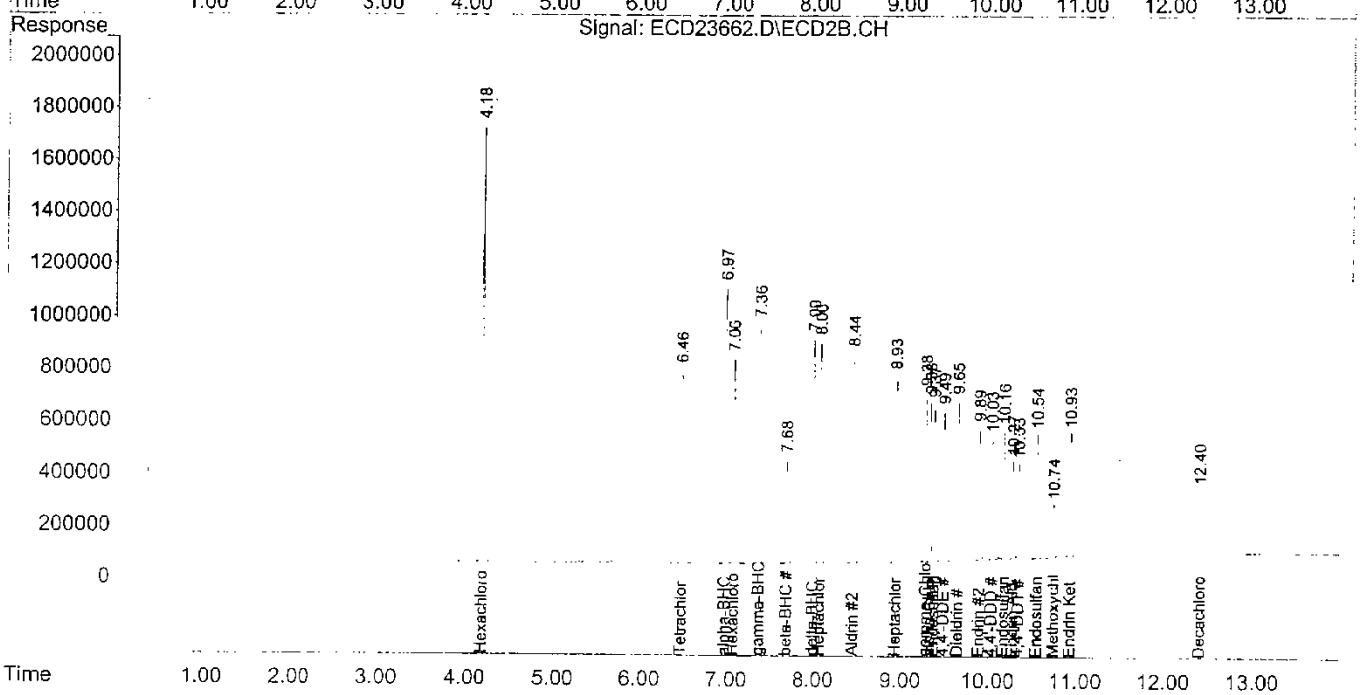
		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	13606263	9266861	5.038	5.006
		Spiked Amount 20.000	Range 60 - 150			Recovery =	25.19%#	25.03%#
26)	SR	Decachlorobiphen	11.20	12.40	8217070	3953608	5.343	5.249
		Spiked Amount 20.000	Range 60 - 150			Recovery =	26.72%#	26.24%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	25914461	17539223	5.063	5.105
3)		alpha-BHC	5.98	6.97	19909533	12347314	4.965	4.962
4)	T	Hexachlorobenzen	5.88	7.06	19282727	9895504	5.046	5.023
5)	M	gamma-BHC (Linda	6.38	7.36	17116745	10629072	4.921	4.960
6)		beta-BHC	6.68	7.68	7359804	4650589	4.921	5.017
7)		delta-BHC	7.01	7.99	15122328	9834888	4.748	4.924
8)	M	Heptachlor	6.80	8.06	15447147	9904833	5.007	5.011
9)	M	Aldrin	7.16	8.44	15175524	9282383	4.951	4.949
10)		Heptachlor Epoxi	7.79	8.93	13297465	8061323	5.043	4.918
11)		gamma-Chlordane	8.06	9.28	12955270	7493958	4.860	4.906
12)		alpha-Chlordane	8.16	9.33	12531273	7335133	4.881	4.934
13)		Endosulfan I	8.22	9.37	11767416	7159440	4.949	4.949
14)		4,4'-DDE	8.40	9.49	11146524	6631276	4.823	4.866
15)	M	Dieldrin	8.53	9.65	12567265	7119547	4.985	4.887
16)	M	Endrin	8.87	9.89	8967303	5894934	4.829	4.821
17)		4,4'-DDD	9.03	10.03	9692117	5462012	4.847	4.876
18)		Endosulfan II	9.16	10.16	10164110	5730213	5.015	4.864
19)	M	4,4'-DDT	9.31	10.33	5665819	4076931	4.135	4.670
20)		Endrin Aldehyde	9.40	10.27	7781884	4419699	4.961	4.904
21)		Endosulfan Sulfa	9.61	10.54	9226964	5383647	4.999	4.946
22)		Methoxychlor	10.02	10.74	2773311	2164406	4.589	4.760
23)		Endrin Ketone	10.21	10.93	10087535	5233721	5.077	4.919
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

Signal #1 : L:\DATA\070313_A\ECD23662.D\ECD1A.CH Vial: 18
Signal #2 : L:\DATA\070313_A\ECD23662.D\ECD2B.CH
Acq On : 3-13-2007 04:00:13 PM Operator: STM
Sample : 5.0 ug/L 8081 ical 1174-55-6 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Signal #1 : L:\DATA\070313_A\ECD23663.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070313_A\ECD23663.D\ECD2B.CH
Acq On : 3-13-2007 04:19:40 PM Operator: STM
Sample : 20 ug/L 8081 ical 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:31 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	56323644	36941093	20.855	19.955
		Spiked Amount 20.000	Range 60 - 150			Recovery =	104.28%	99.77%
26)	SR	Decachlorobiphen	11.20	12.40	29386912	14111441	19.108	18.734
		Spiked Amount 20.000	Range 60 - 150			Recovery =	95.54%	93.67%
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	105.3E6	69153648	20.565	20.129
3)		alpha-BHC	5.98	6.97	86203145	51629621	21.498	20.749
4)	T	Hexachlorobenzen	5.88	7.06	76427756	38230206	20.000	19.405
5)	M	gamma-BHC (Linda	6.38	7.36	74679826	43821104	21.470	20.448
6)		beta-BHC	6.67	7.68	30587926	17658724	20.452	19.048
7)		delta-BHC	7.01	7.99	68780540	40812193	21.596	20.434
8)	M	Heptachlor	6.80	8.06	65816693	39154096	21.333	19.808
9)	M	Aldrin	7.16	8.44	65674702	37776558	21.428	20.140
10)		Heptachlor Epoxi	7.79	8.93	55034904	32199495	20.873	19.644
11)		gamma-Chlordane	8.06	9.28	55712396	29895853	20.898	19.572
12)		alpha-Chlordane	8.16	9.33	53381048	28837715	20.794	19.396
13)		Endosulfan I	8.22	9.37	49755400	28053381	20.925	19.391
14)		4,4'-DDE	8.40	9.49	49137540	27375459	21.261	20.086
15)	M	Dieldrin	8.53	9.65	53371187	29136217	21.169	20.001
16)	M	Endrin	8.87	9.89	39511676	24872977	21.280	20.341
17)		4,4'-DDD	9.02	10.03	42140033	22194737	21.076	19.813
18)		Endosulfan II	9.16	10.16	41960916	22694665	20.702	19.265
19)	M	4,4'-DDT	9.31	10.33	28352906	17410331	20.692	19.944
20)		Endrin Aldehyde	9.40	10.27	31992259	17201320	20.393	19.085
21)		Endosulfan Sulfa	9.61	10.54	37763400	20529482	20.458	18.859
22)		Methoxychlor	10.02	10.74	12914625	8544134	21.369	18.789
23)		Endrin Ketone	10.21	10.93	41232280	20488889	20.753	19.256
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

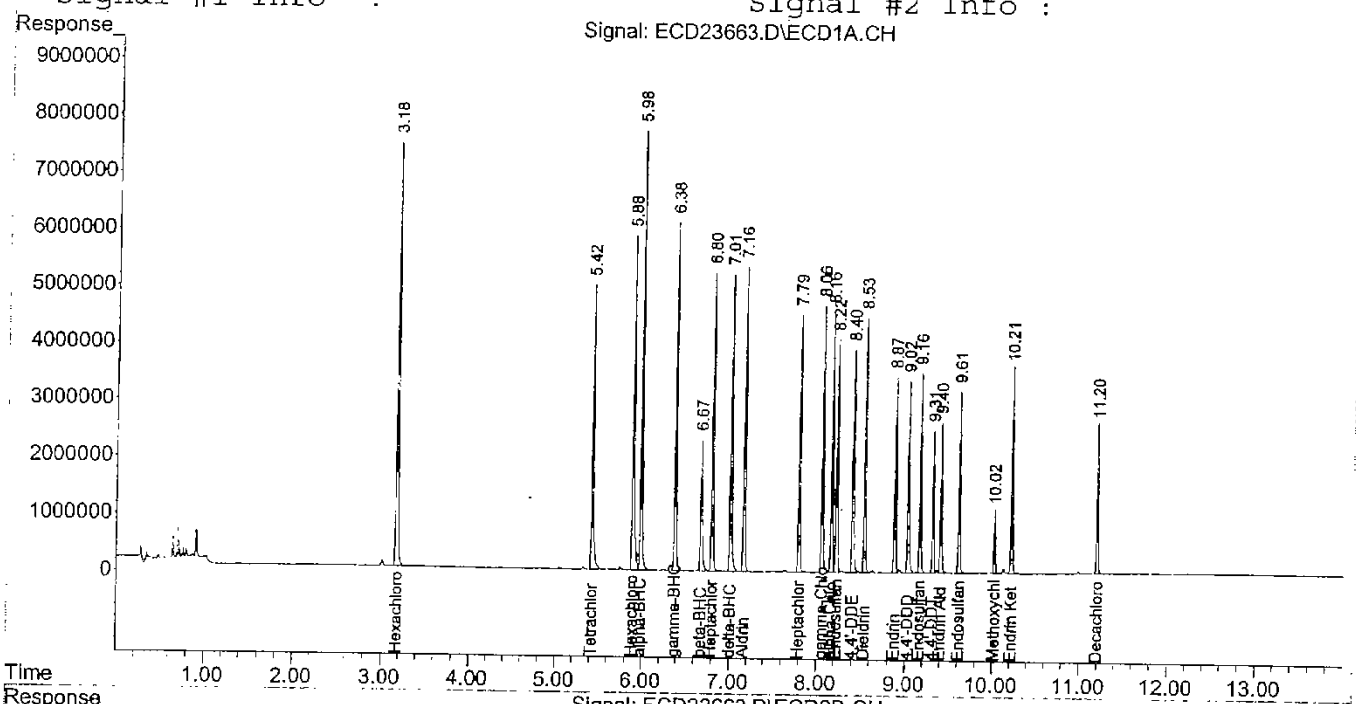
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

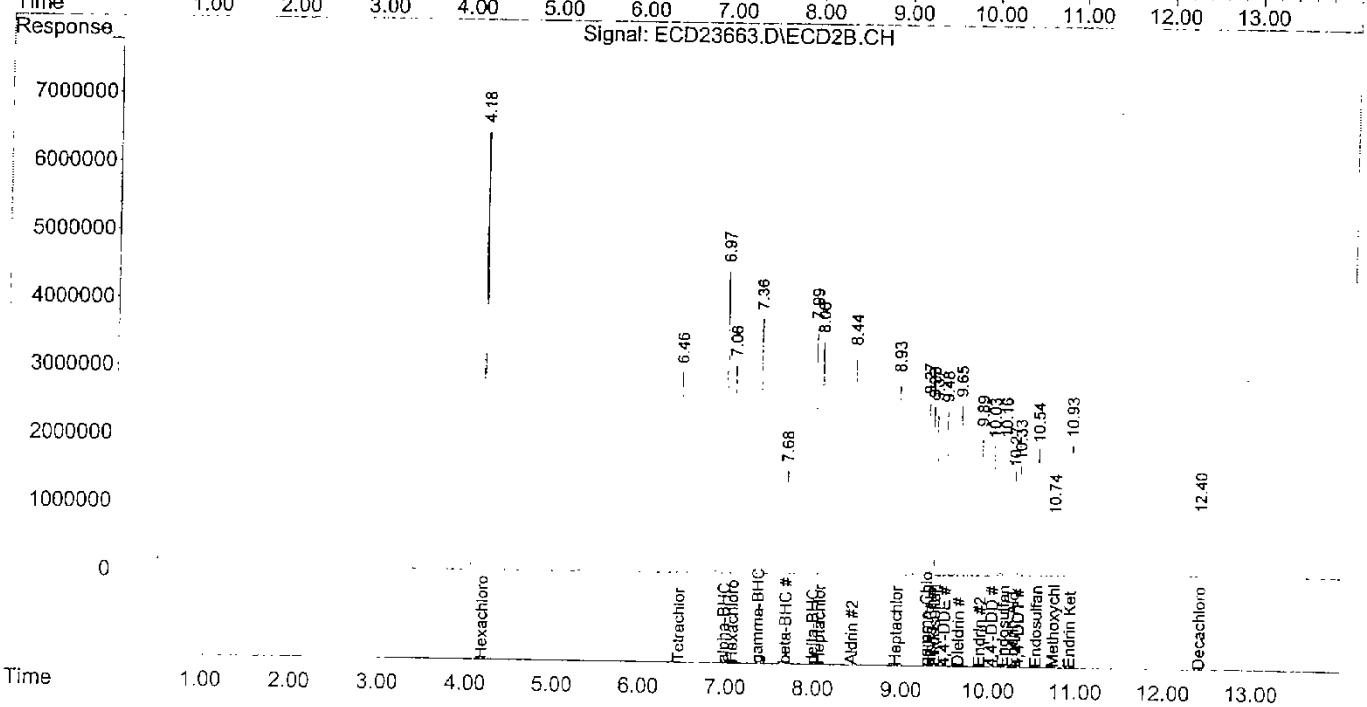
Calibration Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23663.D\ECD1A.CH Vial: 20
Signal #2 : L:\DATA\070313_A\ECD23663.D\ECD2B.CH
Acq On : 3-13-2007 04:19:40 PM Operator: STM
Sample : 20 ug/L 8081 ical 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23664.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070313_A\ECD23664.D\ECD2B.CH
Acq On : 3-13-2007 04:39:12 PM Operator: STM
Sample : 50 ug/L 8081 ical 1174-55-3 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	139.6E6	91007302	51.675	49.161
		Spiked Amount 20.000	Range 60 - 150			Recovery =	258.38%#	245.81%#
26)	SR	Decachlorobiphen	11.20	12.40	74029648	35128417	48.136	46.637
		Spiked Amount 20.000	Range 60 - 150			Recovery =	240.68%#	233.19%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	262.0E6	167.0E6	51.189	48.615
3)		alpha-BHC	5.98	6.97	219.3E6	128.9E6	54.687	51.805
4)	T	Hexachlorobenzen	5.88	7.06	187.5E6	93717864	49.074	47.568
5)	M	gamma-BHC (Linda	6.38	7.36	190.9E6	109.3E6	54.876	50.987
6)		beta-BHC	6.67	7.68	76589892	43454495	51.209	46.874
7)		delta-BHC	7.01	7.99	176.9E6	102.3E6	55.533	51.215
8)	M	Heptachlor	6.80	8.07	162.1E6	96666434	52.540	48.902
9)	M	Aldrin	7.16	8.44	162.3E6	93501239	52.939	49.849
10)		Heptachlor Epoxi	7.79	8.93	132.2E6	78465010	50.146	47.869
11)		gamma-Chlordane	8.05	9.28	139.5E6	74011070	52.340	48.453
12)		alpha-Chlordane	8.16	9.33	133.1E6	71146214	51.858	47.853
13)		Endosulfan I	8.22	9.37	121.2E6	69181311	50.962	47.820
14)		4,4'-DDE	8.40	9.49	126.7E6	68853036	54.821	50.519
15)	M	Dieldrin	8.53	9.65	131.7E6	72758993	52.246	49.947
16)	M	Endrin	8.87	9.89	99529609	61927813	53.603	50.645
17)		4,4'-DDD	9.02	10.03	106.3E6	56304551	53.164	50.261
18)		Endosulfan II	9.16	10.16	104.7E6	56891734	51.674	48.293
19)	M	4,4'-DDT	9.31	10.33	79416555	46167963	57.957	52.886
20)		Endrin Aldehyde	9.40	10.27	81731059	43661752	52.099	48.444
21)		Endosulfan Sulfa	9.61	10.54	94637694	51312196	51.269	47.138
22)		Methoxychlor	10.02	10.74	34340446	21986225	56.822	48.350
23)		Endrin Ketone	10.21	10.93	103.7E6	52639282	52.183	49.471
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

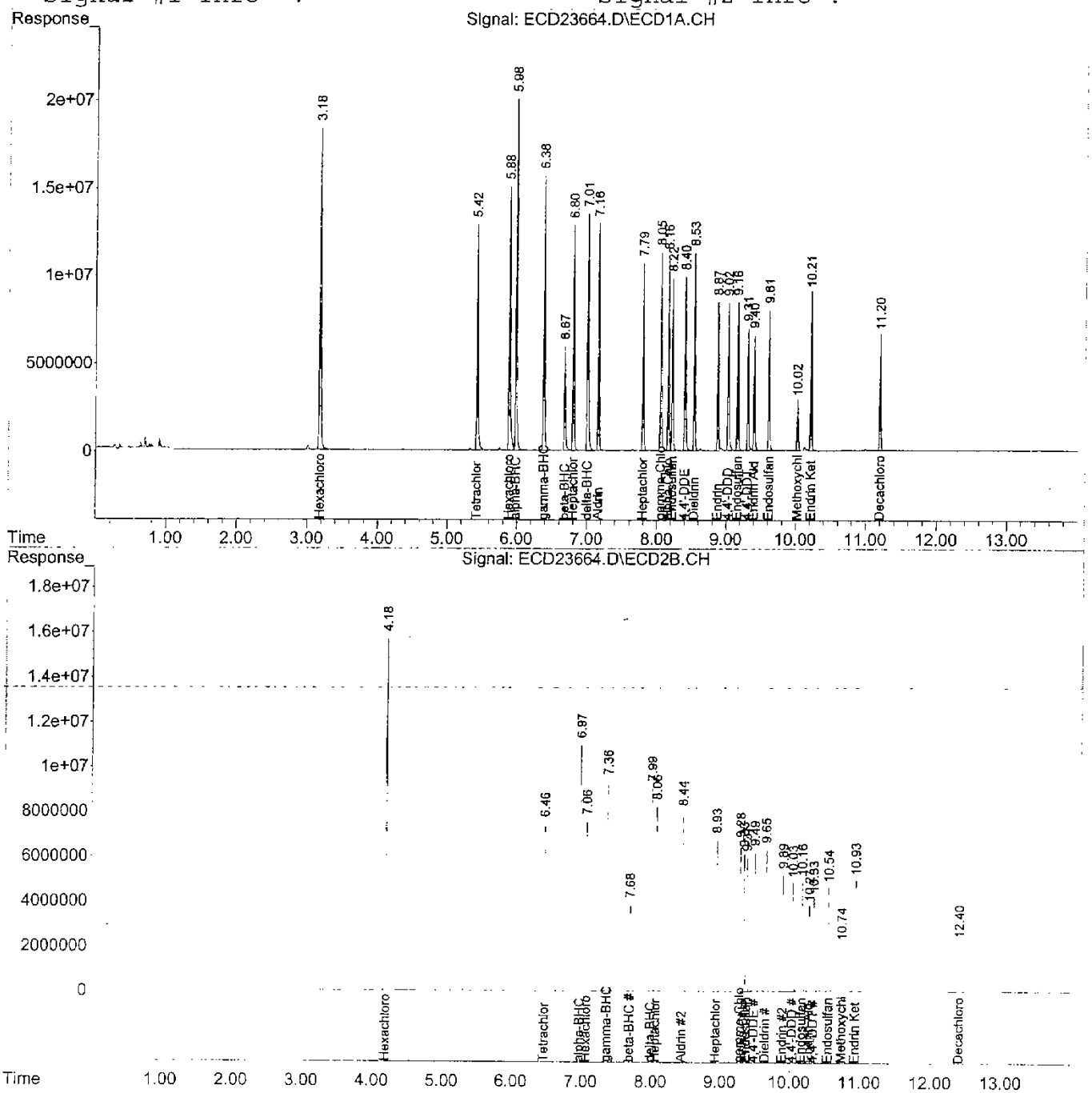
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
ECD23664.D 070313_8081.M Tue Mar 20 09:38:40 2007

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23664.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070313_A\ECD23664.D\ECD2B.CH
Acq On : 3-13-2007 04:39:12 PM Operator: STM
Sample : 50 ug/L 8081 ical 1174-55-3 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23665.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070313_A\ECD23665.D\ECD2B.CH
Acq On : 3-13-2007 04:58:47 PM Operator: STM
Sample : 100 ug/L 8081 ical 1174-55-2 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:44 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	273.8E6	175.8E6	101.377	94.992
		Spiked Amount 20.000	Range 60 - 150			Recovery =	506.88%#	474.96%#
26)	SR	Decachlorobiphen	11.20	12.40	139.7E6	65829653	90.840	87.396
		Spiked Amount 20.000	Range 60 - 150			Recovery =	454.20%#	436.98%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	521.0E6	323.3E6	101.788	94.091
3)		alpha-BHC	5.98	6.97	438.0E6	251.3E6	109.239	100.990
4)	T	Hexachlorobenzen	5.89	7.06	368.1E6	180.4E6	96.316	91.591
5)	M	gamma-BHC (Linda	6.38	7.36	377.2E6	213.6E6	108.436	99.683
6)		beta-BHC	6.67	7.68	148.2E6	84541688	99.105	91.194
7)		delta-BHC	7.01	7.99	350.1E6	200.0E6	109.923	100.151
8)	M	Heptachlor	6.80	8.07	306.2E6	185.9E6	99.255	94.044
9)	M	Aldrin	7.16	8.44	311.8E6	180.8E6	101.742	96.372
10)		Heptachlor Epoxi	7.79	8.93	249.1E6	150.2E6	94.463	91.618
11)		gamma-Chlordane	8.06	9.28	272.1E6	143.1E6	102.079	93.694
12)		alpha-Chlordane	8.16	9.33	258.2E6	137.3E6	100.562	92.340
13)		Endosulfan I	8.22	9.37	227.7E6	132.8E6	95.778	91.792
14)		4,4'-DDE	8.40	9.49	245.4E6	133.0E6	106.170	97.560
15)	M	Dieldrin	8.53	9.65	248.1E6	140.4E6	98.415	96.367
16)	M	Endrin	8.87	9.89	190.3E6	119.5E6	102.486	97.704
17)		4,4'-DDD	9.03	10.03	201.5E6	107.5E6	100.754	95.979
18)		Endosulfan II	9.16	10.16	197.4E6	109.6E6	97.403	93.031
19)	M	4,4'-DDT	9.31	10.33	160.1E6	91021395	116.817	104.266
20)		Endrin Aldehyde	9.40	10.27	156.5E6	84562670	99.765	93.824
21)		Endosulfan Sulfa	9.61	10.54	178.8E6	98190789	96.847	90.202
22)		Methoxychlor	10.02	10.74	66469960	42926647	109.985	94.400
23)		Endrin Ketone	10.22	10.93	191.8E6	100.6E6	96.514	94.587
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

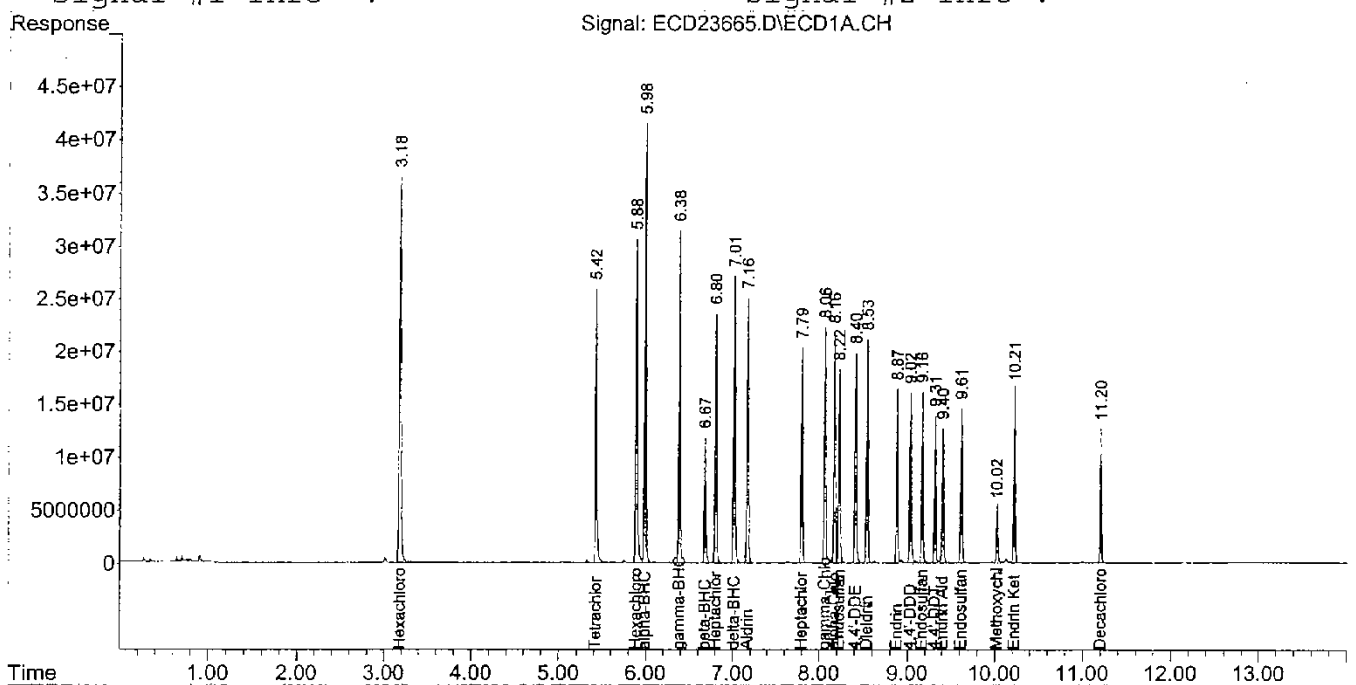
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

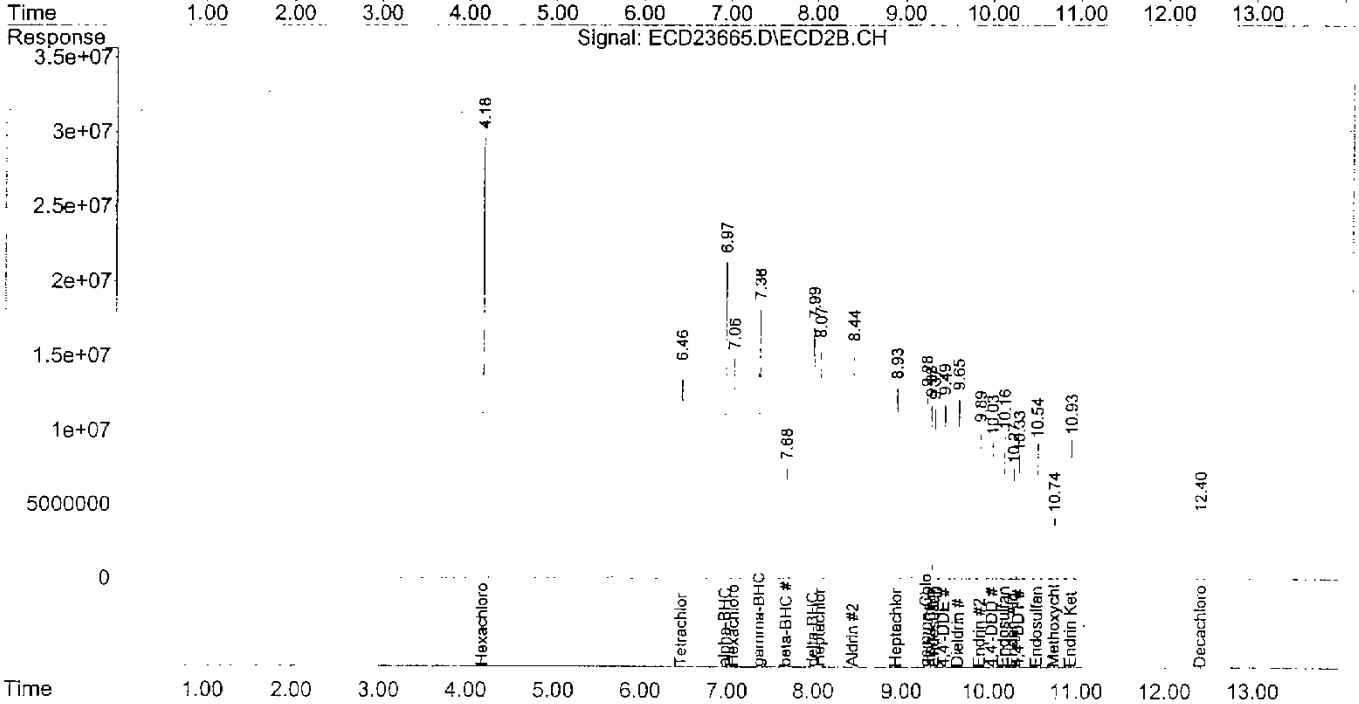
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23665.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070313_A\ECD23665.D\ECD2B.CH
Acq On : 3-13-2007 04:58:47 PM Operator: STM
Sample : 100 ug/L 8081 ical 1174-55-2 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23666.D\ECD1A.CH Vial: 23
Signal #2 : L:\DATA\070313_A\ECD23666.D\ECD2B.CH
Acq On : 3-13-2007 05:18:12 PM Operator: STM
Sample : 20 ug/L 8081 icv 1174-56-2 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:51 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.42	6.46	57208099	37873206	21.182	20.459
		Spiked Amount 20.000	Range 60 - 150			Recovery =	105.91%	102.30%
26)	SR	Decachlorobiphen	11.20	12.40	29452939	14053316	19.151	18.657
		Spiked Amount 20.000	Range 60 - 150			Recovery =	95.75%	93.28%
		Target Compounds						
1)	T	Hexachlorobutadi	3.18	4.18	94282144	60337381	18.419	17.562
3)		alpha-BHC	5.98	6.97	88482159	53158096	22.066	21.364
4)	T	Hexachlorobenzen	5.89	7.06	74797889	37842595	19.574	19.208
5)	M	gamma-BHC (Linda	6.38	7.36	76920286	45429039	22.114	21.198
6)		beta-BHC	6.67	7.68	31248526	18256336	20.893	19.693
7)		delta-BHC	7.01	7.99	70608737	42546895	22.171	21.303
8)	M	Heptachlor	6.80	8.07	68410874	41042425	22.173	20.763
9)	M	Aldrin	7.16	8.44	67352794	39071870	21.976	20.831
10)		Heptachlor Epoxi	7.79	8.93	56581077	33287195	21.459	20.308
11)		gamma-Chlordane	8.06	9.28	58581487	31565655	21.975	20.665
12)		alpha-Chlordane	8.16	9.33	55126128	29817440	21.474	20.055
13)		Endosulfan I	8.22	9.37	51334680	29007674	21.589	20.051
14)		4,4'-DDE	8.40	9.49	51430883	28532842	22.253	20.935
15)	M	Dieldrin	8.53	9.65	55648552	30434855	22.072	20.893
16)	M	Endrin	8.87	9.89	41236220	25642799	22.208	20.971
17)		4,4'-DDD	9.02	10.03	43595652	23088169	21.804	20.610
18)		Endosulfan II	9.16	10.16	43354006	23236737	21.389	19.725
19)	M	4,4'-DDT	9.31	10.33	30350260	18472666	22.149	21.161
20)		Endrin Aldehyde	9.40	10.27	33342429	17535199	21.254	19.456
21)		Endosulfan Sulfa	9.61	10.54	40231258	21332723	21.795	19.597
22)		Methoxychlor	10.02	10.74	13524912	8846350	22.379	19.454
23)		Endrin Ketone	10.21	10.93	42502830	21235092	21.392	19.957
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070313_A\ECD23666.D\ECD1A.CH Vial: 23
Signal #2 : L:\DATA\070313_A\ECD23666.D\ECD2B.CH
Acq On : 3-13-2007 05:18:12 PM Operator: STM
Sample : 20 ug/L 8081 icv 1174-56-2 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	T	Hexachlorobutadiene	20.000	18.419	7.9	90	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	21.182	-5.9	102	0.00
3		alpha-BHC	20.000	22.066	-10.3	103	0.00
4	T	Hexachlorobenzene	20.000	19.574	2.1	98	0.00
5	M	gamma-BHC (Lindane)	20.000	22.114	-10.6	103	0.00
6		beta-BHC	20.000	20.893	-4.5	102	0.00
7		delta-BHC	20.000	22.171	-10.9	103	0.00
8	M	Heptachlor	20.000	22.173	-10.9	104	0.00
9	M	Aldrin	20.000	21.976	-9.9	103	0.00
10		Heptachlor Epoxide	20.000	21.459	-7.3	103	0.00
11		gamma-Chlordane	20.000	21.975	-9.9	105	0.00
12		alpha-Chlordane	20.000	21.474	-7.4	103	0.00
13		Endosulfan I	20.000	21.589	-7.9	103	0.00
14		4,4'-DDE	20.000	22.253	-11.3	105	0.00
15	M	Dieldrin	20.000	22.072	-10.4	104	0.00
16	M	Endrin	20.000	22.208	-11.0	104	0.00
17		4,4'-DDD	20.000	21.804	-9.0	103	0.00
18		Endosulfan II	20.000	21.389	-6.9	103	0.00
19	M	4,4'-DDT	20.000	22.149	-10.7	107	0.00
20		Endrin Aldehyde	20.000	21.254	-6.3	104	0.00
21		Endosulfan Sulfate	20.000	21.795	-9.0	107	0.00
22		Methoxychlor	20.000	22.379	-11.9	105	0.00
23		Endrin Ketone	20.000	21.392	-7.0	103	0.00
26	SR	Decachlorobiphenyl (S)	20.000	19.151	4.2	100	0.00
		Signal #2					
1	T	Hexachlorobutadiene	20.000	17.562	12.2	87	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	20.459	-2.3	103	0.00
3		alpha-BHC	20.000	21.364	-6.8	103	0.00
4	T	Hexachlorobenzene	20.000	19.208	4.0	99	0.00
5	M	gamma-BHC (Lindane)	20.000	21.198	-6.0	104	0.00
6		beta-BHC	20.000	19.693	1.5	103	0.00
7		delta-BHC	20.000	21.303	-6.5	104	0.00
8	M	Heptachlor	20.000	20.763	-3.8	105	0.00
9	M	Aldrin	20.000	20.831	-4.2	103	0.00
10		Heptachlor Epoxide	20.000	20.308	-1.5	103	0.00
11		gamma-Chlordane	20.000	20.665	-3.3	106	0.00
12		alpha-Chlordane	20.000	20.055	-0.3	103	0.00
13		Endosulfan I	20.000	20.051	-0.3	103	0.00
14		4,4'-DDE	20.000	20.935	-4.7	104	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070313_A\ECD23666.D\ECD1A.CH Vial: 23
Signal #2 : L:\DATA\070313_A\ECD23666.D\ECD2B.CH
Acq On : 3-13-2007 05:18:12 PM Operator: STM
Sample : 20 ug/L 8081 icv 1174-56-2 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

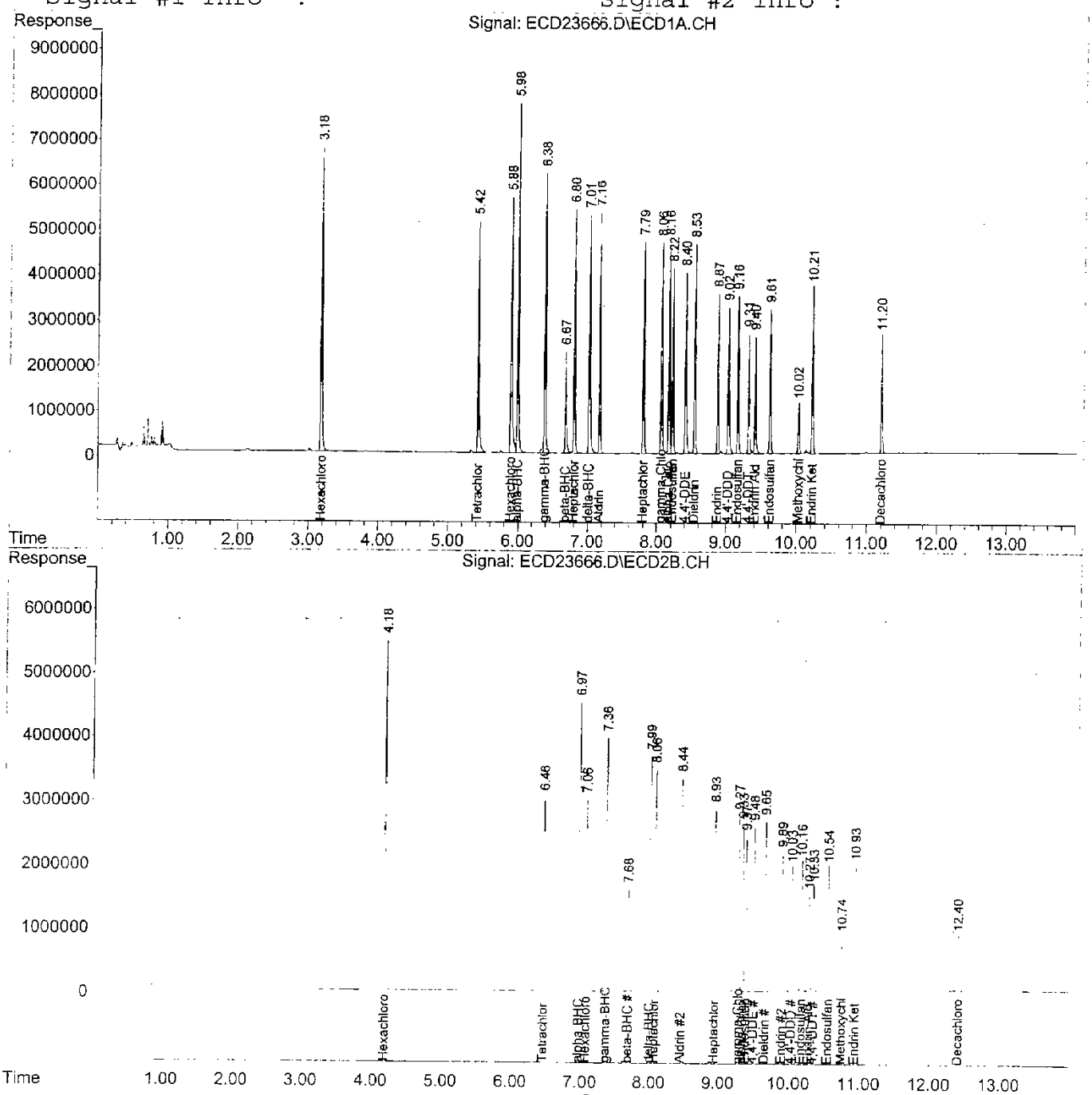
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	20.000	20.893	-4.5	104	0.00
16	M	Endrin	20.000	20.971	-4.9	103	0.00
17		4,4'-DDD	20.000	20.610	-3.0	104	0.00
18		Endosulfan II	20.000	19.725	1.4	102	0.00
19	M	4,4'-DDT	20.000	21.161	-5.8	106	0.00
20		Endrin Aldehyde	20.000	19.456	2.7	102	0.00
21		Endosulfan Sulfate	20.000	19.597	2.0	104	0.00
22		Methoxychlor	20.000	19.454	2.7	104	0.00
23		Endrin Ketone	20.000	19.957	0.2	104	0.00
26	SR	Decachlorobiphenyl (S)	20.000	18.657	6.7	100	0.00

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23666.D\ECD1A.CH Vial: 23
Signal #2 : L:\DATA\070313_A\ECD23666.D\ECD2B.CH
Acq On : 3-13-2007 05:18:12 PM Operator: STM
Sample : 20 ug/L 8081 icv 1174-56-2 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23667.D\ECD1A.CH Vial: 24
Signal #2 : L:\DATA\070313_A\ECD23667.D\ECD2B.CH
Acq On : 3-13-2007 05:37:40 PM Operator: STM
Sample : 500 ug/L Toxaphene ical 1174-45-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 09:38:57 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.	
		Spiked Amount 20.000	Range 60 - 150		Recovery =		0.00%#	0.00%#	
26)	SR	Decachlorobiphen	11.21	12.38	762255	1268032	0.496	1.683	#
		Spiked Amount 20.000	Range 60 - 150		Recovery =		2.48%#	8.42%#	
		Target Compounds							
1)	T	Hexachlorobutadi	0.00	0.00	0	0	N.D.	N.D.	
3)		alpha-BHC	5.98	6.97	748991	639716	0.187	0.257	#
4)	T	Hexachlorobenzen	0.00	0.00	0	0	N.D.	N.D.	
5)	M	gamma-BHC (Linda	6.36	7.36	752800	219209	0.216	0.102	#
6)		beta-BHC	6.66	7.67	521036	114180	0.348	0.123	#
7)		delta-BHC	7.00	7.98	383107	446092	0.120	0.223	#
8)	M	Heptachlor	6.83f	8.07	243353	227933	0.079	0.115	#
9)	M	Aldrin	7.18	8.43	491103	890843	0.160	0.475	#
10)		Heptachlor Epoxi	7.80	8.92	4219196	1375410	1.600	0.839	#
11)		gamma-Chlordane	8.08	9.31	6708300	3298894	2.516	2.160	
12)		alpha-Chlordane	8.18	9.35	2987413	3836025	1.164	2.580	#
13)		Endosulfan I	8.22	9.39	2113177	1691026	0.889	1.169	#
14)		4,4'-DDE	8.43f	9.49	7112398	6963782	3.077	5.110	#
15)	M	Dieldrin	8.53	9.61f	12417628	6522225	4.925	4.477	
16)	M	Endrin	8.86	9.89	6229202	6231764	3.355	5.096	#
17)		4,4'-DDD	9.05	10.01	20801167	12420337	10.404	11.087	
18)		Endosulfan II	9.15	10.15	9978635	9674245	4.923	8.212	#
19)	M	4,4'-DDT	9.30	10.31	4588938	6034573	3.349	6.913	#
20)		Endrin Aldehyde	9.41	10.25	17187245	12277449	10.956	13.622	
21)		Endosulfan Sulfa	9.61	10.53	10956371	20388225	5.935	18.730	#
22)		Methoxychlor	10.03	10.73	69277829	11381183	114.631	25.028	#
23)		Endrin Ketone	10.23	10.93	12312386	10432331	6.197	9.804	#
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

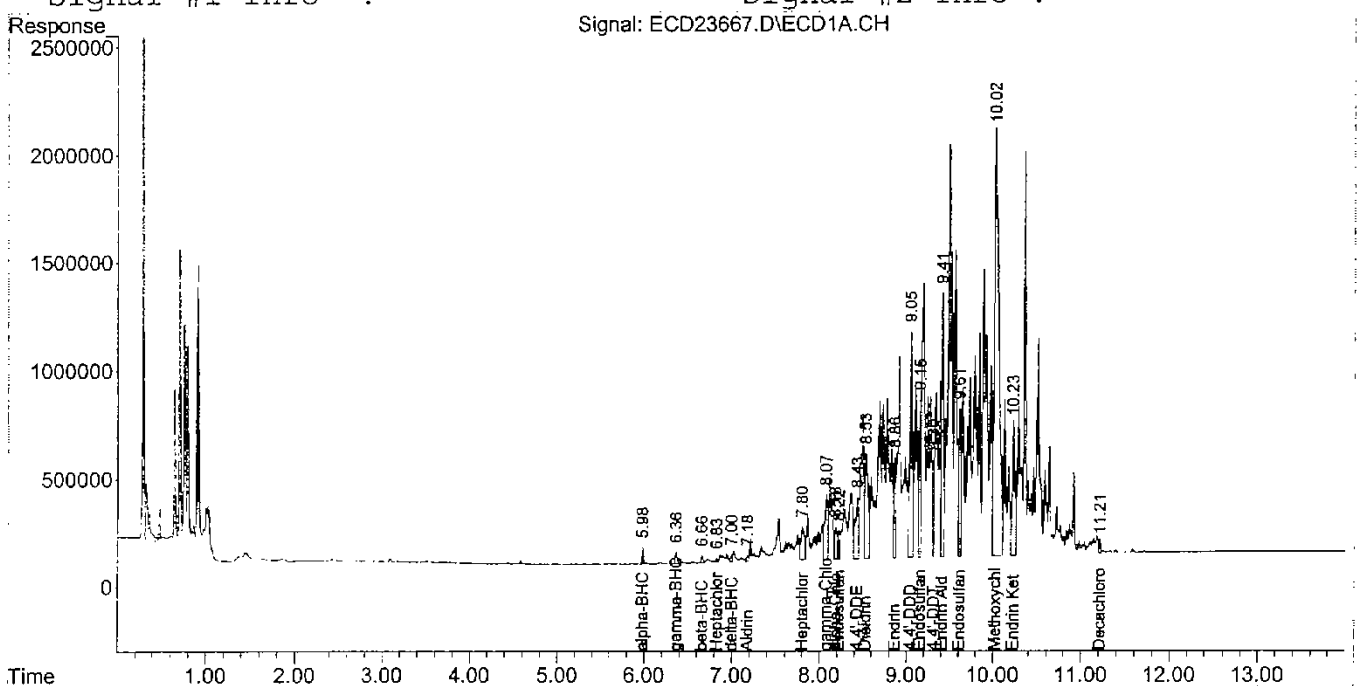
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

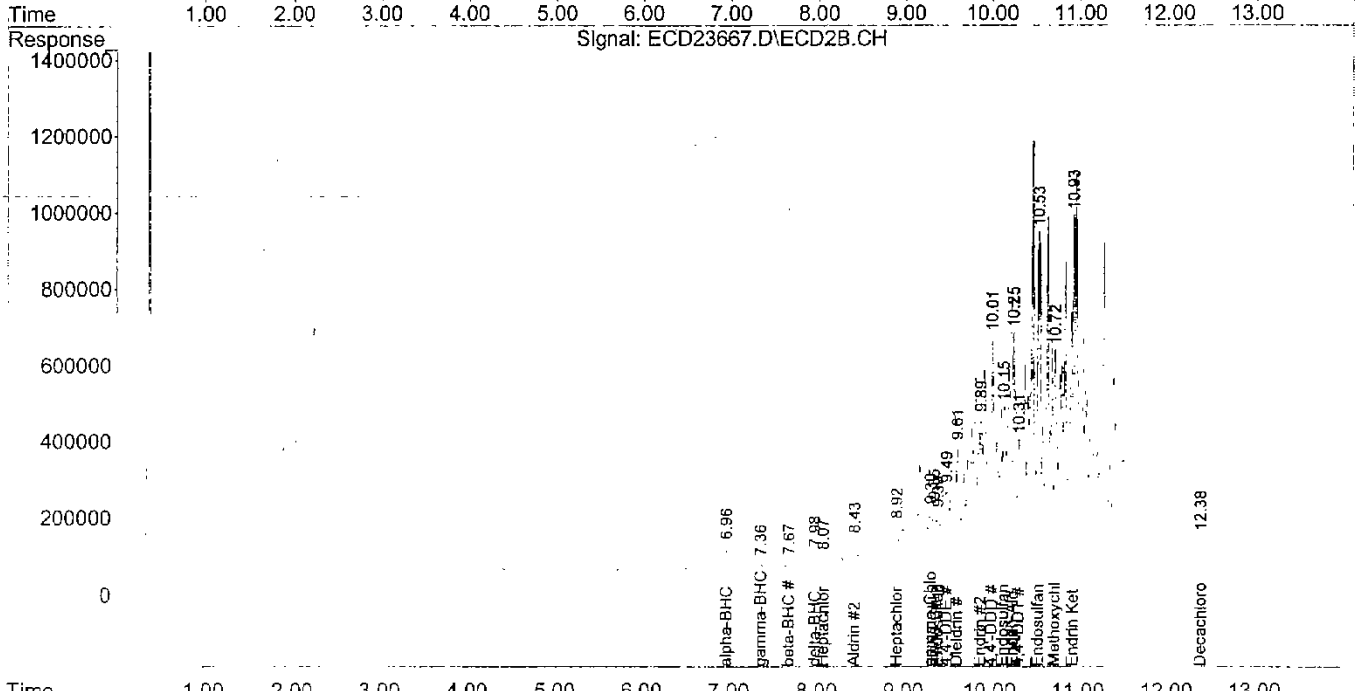
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070313_A\ECD23667.D\ECD1A.CH Vial: 24
Signal #2 : L:\DATA\070313_A\ECD23667.D\ECD2B.CH
Acq On : 3-13-2007 05:37:40 PM Operator: STM
Sample : 500 ug/L Toxaphene ical 1174-45-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Mar 20 9:38 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 15 11:48:50 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





CONTINUING CALIBRATION

Sequence Log

Directory : 1:\DATA\070403_A

#	Filename	Sample Name	Date/Time
1	ecd23914.d	20 ug/L 8081 ccv 1174-55-4	04/03/07 19:37
2	ecd23915.d	DDT/Endrin Breakdown	04/03/07 19:56
3	ecd23917.d	MB 580-17226/1-AA	04/03/07 20:35
4	ecd23918.d	LCS 580-17226/2-AA	04/03/07 20:55
5	ecd23919.d	LCSD 580-17226/3-AA	04/03/07 21:14
6	ecd23920.d	580-5453-C-9-A	04/03/07 21:34
7	ecd23921.d	580-5453-C-9-B MS	04/03/07 21:53
8	ecd23922.d	580-5453-C-9-C MSD	04/03/07 22:13
9	ecd23923.d	580-5385-B-11-C	04/03/07 22:32
10	ecd23924.d	580-5385-B-12-B	04/03/07 22:52
11	ecd23925.d	580-5372-A-3-B	04/03/07 23:11
12	ecd23926.d	580-5404-A-13-B	04/03/07 23:31
13	ecd23927.d	DDT/Endrin Breakdown	04/03/07 23:50
14	ecd23928.d	10 ug/L 8081 ccv 1174-55-5	04/04/07 00:10

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23914.D\ECD1A.CH Vial: 79
Signal #2 : L:\DATA\070403_A\ECD23914.D\ECD2B.CH
Acq On : 4-3-2007 07:37:27 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 09:58:07 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.44	52746160	36081375	19.530	19.491	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	97.65%	97.45%	
26)	SR	Decachlorobiphen	11.18	12.36	23988174	14177986	15.598	18.823	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	77.99%	94.12%	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	104.3E6	68839946	20.372	20.037	
3)		alpha-BHC	5.97	6.94	85404327	49650240	21.299	19.954	
4)	T	Hexachlorobenzen	5.87	7.04	56304168	37994058	14.734	19.285	#
5)	M	gamma-BHC (Linda	6.36	7.34	69593116	42639305	20.008	19.897	
6)		beta-BHC	6.66	7.66	25760764	17087117	17.224	18.432	
7)		delta-BHC	6.99	7.96	57537231	37611312	18.066	18.832	
8)	M	Heptachlor	6.78	8.04	61904766	39631401	20.065	20.049	
9)	M	Aldrin	7.14	8.41	62396177	37538936	20.359	20.013	
10)		Heptachlor Epoxi	7.77	8.90	51114871	32007988	19.386	19.527	
11)		gamma-Chlordane	8.03	9.25	51659304	29544259	19.378	19.342	
12)		alpha-Chlordane	8.14	9.30	49651847	28782085	19.342	19.359	
13)		Endosulfan I	8.20	9.30	47193951	28782085	19.848	19.895	
14)		4,4'-DDE	8.38	9.46	43481169	27208215	18.814	19.963	
15)	M	Dieldrin	8.51	9.62	50810603	29136363	20.153	20.001	
16)	M	Endrin	8.85	9.87	37991876	24524923	20.461	20.057	
17)		4,4'-DDD	9.01	10.01	38071220	22396956	19.041	19.993	
18)		Endosulfan II	9.14	10.14	40385866	22580156	19.925	19.167	
19)	M	4,4'-DDT	9.29	10.31	27282197	17990583	19.910	20.608	
20)		Endrin Aldehyde	9.38	10.25	31736933	17344872	20.231	19.244	
21)		Endosulfan Sulfa	9.59	10.52	36904318	20723199	19.993	19.037	
22)		Methoxychlor	10.00	10.72	13429197	9274681	22.221	20.396	
23)		Endrin Ketone	10.19	10.91	40426577	21245227	20.347	19.967	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070403_A\ECD23914.D\ECD1A.CH Vial: 79
Signal #2 : L:\DATA\070403_A\ECD23914.D\ECD2B.CH
Acq On : 4-3-2007 07:37:27 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	T	Hexachlorobutadiene	20.000	20.372	-1.9	99	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	19.530	2.3	94	0.00
3		alpha-BHC	20.000	21.299	-6.5	99	0.00
4	T	Hexachlorobenzene	20.000	14.734	26.3#	74	0.00
5	M	gamma-BHC (Lindane)	20.000	20.008	-0.0	93	0.00
6		beta-BHC	20.000	17.224	13.9	84	0.00
7		delta-BHC	20.000	18.066	9.7	84	0.00
8	M	Heptachlor	20.000	20.065	-0.3	94	0.00
9	M	Aldrin	20.000	20.359	-1.8	95	0.00
10		Heptachlor Epoxide	20.000	19.386	3.1	93	0.00
11		gamma-Chlordane	20.000	19.378	3.1	93	0.00
12		alpha-Chlordane	20.000	19.342	3.3	93	0.00
13		Endosulfan I	20.000	19.848	0.8	95	0.00
14		4,4'-DDE	20.000	18.814	5.9	88	0.00
15	M	Dieldrin	20.000	20.153	-0.8	95	0.00
16	M	Endrin	20.000	20.461	-2.3	96	0.00
17		4,4'-DDD	20.000	19.041	4.8	90	0.00
18		Endosulfan II	20.000	19.925	0.4	96	0.00
19	M	4,4'-DDT	20.000	19.910	0.4	96	0.00
20		Endrin Aldehyde	20.000	20.231	-1.2	99	0.00
21		Endosulfan Sulfate	20.000	19.993	0.0	98	0.00
22		Methoxychlor	20.000	22.221	-11.1	104	0.00
23		Endrin Ketone	20.000	20.347	-1.7	98	0.00
26	SR	Decachlorobiphenyl (S)	20.000	15.598	22.0#	82	0.00
		Signal #2					
1	T	Hexachlorobutadiene	20.000	20.037	-0.2	100	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	19.491	2.5	98	0.00
3		alpha-BHC	20.000	19.954	0.2	96	0.00
4	T	Hexachlorobenzene	20.000	19.285	3.6	99	0.00
5	M	gamma-BHC (Lindane)	20.000	19.897	0.5	97	0.00
6		beta-BHC	20.000	18.432	7.8	97	0.00
7		delta-BHC	20.000	18.832	5.8	92	0.00
8	M	Heptachlor	20.000	20.049	-0.2	101	0.00
9	M	Aldrin	20.000	20.013	-0.1	99	0.00
10		Heptachlor Epoxide	20.000	19.527	2.4	99	0.00
11		gamma-Chlordane	20.000	19.342	3.3	99	0.00
12		alpha-Chlordane	20.000	19.359	3.2	100	0.00
13		Endosulfan I	20.000	19.895	0.5	103	0.00
14		4,4'-DDE	20.000	19.963	0.2	99	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070403_A\ECD23914.D\ECD1A.CH Vial: 79
Signal #2 : L:\DATA\070403_A\ECD23914.D\ECD2B.CH
Acq On : 4-3-2007 07:37:27 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

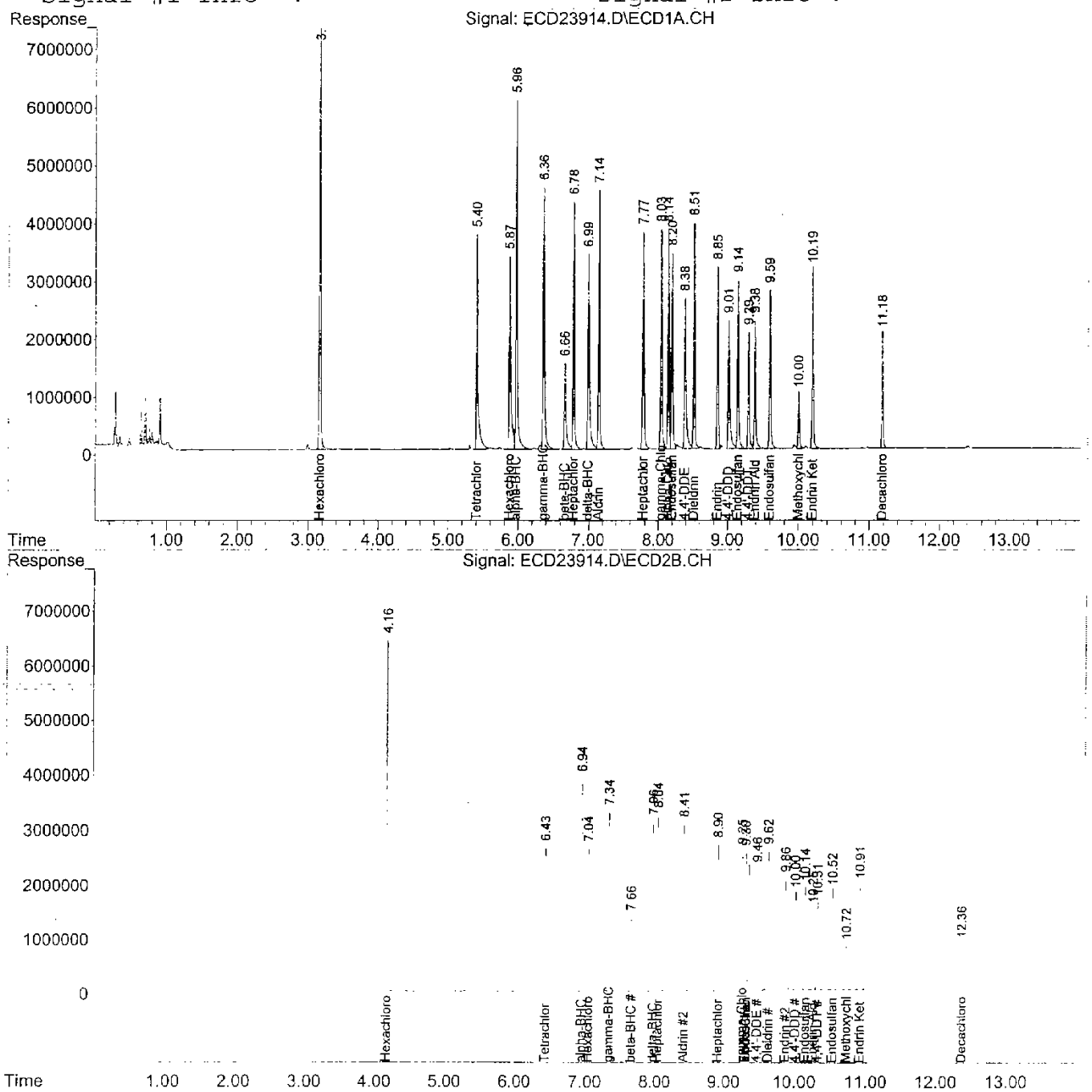
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	20.000	20.001	-0.0	100	0.00
16	M	Endrin	20.000	20.057	-0.3	99	0.00
17		4,4'-DDD	20.000	19.993	0.0	101	0.00
18		Endosulfan II	20.000	19.167	4.2	99	0.00
19	M	4,4'-DDT	20.000	20.608	-3.0	103	0.00
20		Endrin Aldehyde	20.000	19.244	3.8	101	0.00
21		Endosulfan Sulfate	20.000	19.037	4.8	101	0.00
22		Methoxychlor	20.000	20.396	-2.0	109	0.00
23		Endrin Ketone	20.000	19.967	0.2	104	0.00
26	SR	Decachlorobiphenyl (S)	20.000	18.823	5.9	100	0.00

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23914.D\ECD1A.CH Vial: 79
Signal #2 : L:\DATA\070403_A\ECD23914.D\ECD2B.CH
Acq On : 4-3-2007 07:37:27 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 9:58 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23915.D\ECD1A.CH Vial: 77
Signal #2 : L:\DATA\070403_A\ECD23915.D\ECD2B.CH
Acq On : 4-3-2007 07:56:57 PM Operator: STM
Sample : DDT/Endrin Breakdown Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 09:58:17 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	0.00	0.00	0	0	N.D.	N.D.	
		Spiked Amount 20.000	Range 60 - 150		Recovery =		0.00%#	0.00%#	
26)	SR	Decachlorobiphen	0.00	0.00	0	0	N.D.	N.D.	
		Spiked Amount 20.000	Range 60 - 150		Recovery =		0.00%#	0.00%#	
		Target Compounds							
1)	T	Hexachlorobutadi	0.00	4.13f	0	135142	N.D.	0.039	#
3)		alpha-BHC	0.00	0.00	0	0	N.D.	N.D.	
4)	T	Hexachlorobenzen	0.00	0.00	0	0	N.D.	N.D.	
5)	M	gamma-BHC (Linda	0.00	0.00	0	0	N.D.	N.D.	
6)		beta-BHC	0.00	0.00	0	0	N.D.	N.D.	
7)		delta-BHC	0.00	0.00	0	0	N.D.	N.D.	
8)	M	Heptachlor	0.00	0.00	0	0	N.D.	N.D.	
9)	M	Aldrin	0.00	0.00	0	0	N.D.	N.D.	
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D.	N.D.	
11)		gamma-Chlordane	8.08f	9.25	-1540	103043	N.D.	0.067	
12)		alpha-Chlordane	0.00	9.25f	0	103043	N.D.	0.069	
13)		Endosulfan I	0.00	9.25f	0	103043	N.D.	<MDL	
14)		4,4'-DDE	8.38	9.46	2159876	1156492	0.935	0.849	
15)	M	Dieldrin	8.51	0.00	253537	0	0.101	N.D.	#
16)	M	Endrin	8.85	9.87	106.7E6	67330482	57.459	55.063	
17)		4,4'-DDD	9.01	10.01	16684120	5593760	8.344	4.993	#
18)		Endosulfan II	0.00	10.09f	0	1517535	N.D.	1.288	
19)	M	4,4'-DDT	9.29	10.31	181.7E6	109.4E6	132.575	125.288	
20)		Endrin Aldehyde	9.39	10.25	4546707	277210	2.898	0.308	#
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D.	N.D.	
22)		Methoxychlor	0.00	10.68f	0	337332	N.D.	0.742	#
23)		Endrin Ketone	10.20	10.91	7203916	1012495	3.626	0.952	#
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name ECD23915.D
Data File Path L:\DATA\070403_A\

Sample ID DDT/Endrin Breakdown

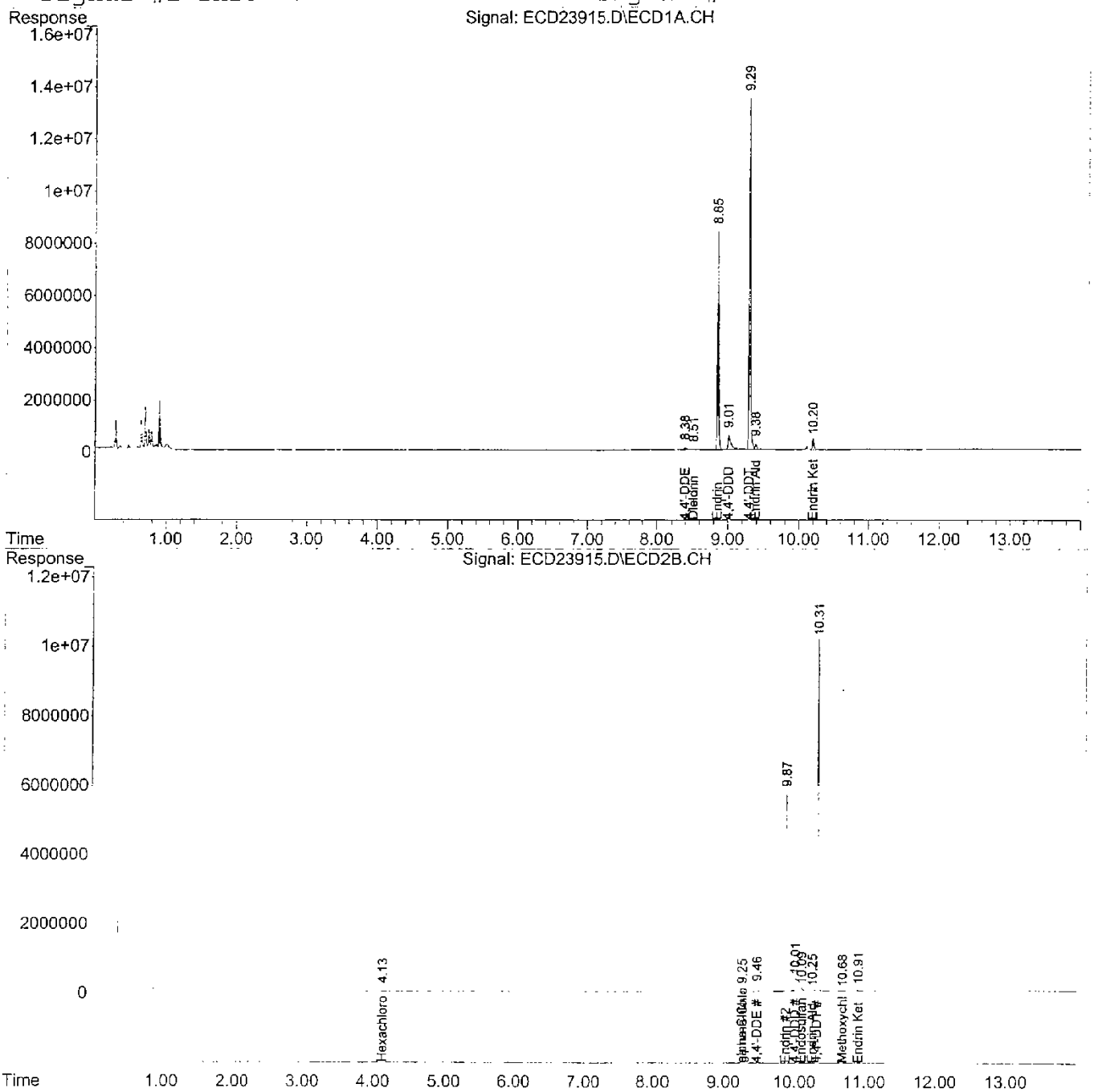
	RT	Response		RT	Response
Endrin	8.85	106688560.2	4,4'-DDT	9.29	181663487.2
Endrin Aldehyde	9.39	4546707.166	4,4'-DDD	9.01	16684119.84
Endrin Ketone	10.20	7203915.61	4,4'-DDE	8.38	2159876.182
%Breakdown		9.9%			9.4%
Endrin #2	9.87	67330482.06	4,4'-DDT #2	10.31	109373433.7
Endrin Aldehyde #2	10.25	277210.087	4,4'-DDD #2	10.01	5593760.394
Endrin Ketone #2	10.91	1012494.957	4,4'-DDE #2	9.46	1156492
%Breakdown		1.9%			5.8%

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23915.D\ECD1A.CH Vial: 77
Signal #2 : L:\DATA\070403_A\ECD23915.D\ECD2B.CH
Acq On : 4-3-2007 07:56:57 PM Operator: STM
Sample : DDT/Endrin Breakdown Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 9:58 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23928.D\ECD1A.CH Vial: 78
Signal #2 : L:\DATA\070403_A\ECD23928.D\ECD2B.CH
Acq On : 04 Apr 2007 12:10 am Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:05:20 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.43	27165457	18744887	10.058	10.126
		Spiked Amount 20.000	Range 60 - 150			Recovery =	50.29%#	50.63%#
26)	SR	Decachlorobiphen	11.18	12.36	13106708	7947961	8.522	10.552
		Spiked Amount 20.000	Range 60 - 150			Recovery =	42.61%#	52.76%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.16	53036584	36056293	10.361	10.495
3)		alpha-BHC	5.96	6.94	44831079	25646654	11.180	10.307
4)	T	Hexachlorobenzen	5.87	7.04	30098458	20186743	7.876	10.246 #
5)	M	gamma-BHC (Linda	6.36	7.34	36116493	22176409	10.383	10.348
6)		beta-BHC	6.66	7.66	14089985	9212031	9.421	9.937
7)		delta-BHC	6.99	7.96	30642091	20089121	9.621	10.058
8)	M	Heptachlor	6.78	8.04	33812144	21047973	10.959	10.648
9)	M	Aldrin	7.14	8.41	33699683	19701262	10.996	10.503
10)		Heptachlor Epoxi	7.77	8.90	28492930	17111435	10.806	10.439
11)		gamma-Chlordane	8.03	9.25	28116864	15578584	10.547	10.199
12)		alpha-Chlordane	8.14	9.30	27201928	15242950	10.596	10.252
13)		Endosulfan I	8.20	9.30	26899020	15242950	11.313	10.536
14)		4,4'-DDE	8.38	9.46	22981067	14320397	9.944	10.507
15)	M	Dieldrin	8.51	9.62	27850277	15287689	11.046	10.494
16)	M	Endrin	8.85	9.86	20928230	13012136	11.271	10.641
17)		4,4'-DDD	9.01	10.01	21109652	12302027	10.558	10.982
18)		Endosulfan II	9.14	10.14	22423939	12193467	11.063	10.351
19)	M	4,4'-DDT	9.29	10.31	13141586	8857665	9.591	10.147
20)		Endrin Aldehyde	9.38	10.25	17576530	9528517	11.204	10.572
21)		Endosulfan Sulfa	9.59	10.52	20387370	11421432	11.045	10.492
22)		Methoxychlor	10.00	10.72	6824473	4766818	11.292	10.483
23)		Endrin Ketone	10.19	10.91	21721328	11395062	10.933	10.709
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070403_A\ECD23928.D\ECD1A.CH Vial: 78
Signal #2 : L:\DATA\070403_A\ECD23928.D\ECD2B.CH
Acq On : 04 Apr 2007 12:10 am Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	T	Hexachlorobutadiene	10.000	10.361	-3.6	102	0.00
2	SR	Tetrachloro-m-xylene (S)	10.000	10.058	-0.6	99	0.00
3		alpha-BHC	10.000	11.180	-11.8	108	0.00
4	T	Hexachlorobenzene	10.000	7.876	21.2#	78	0.00
5	M	gamma-BHC (Lindane)	10.000	10.383	-3.8	99	0.00
6		beta-BHC	10.000	9.421	5.8	91	0.00
7		delta-BHC	10.000	9.621	3.8	90	0.00
8	M	Heptachlor	10.000	10.959	-9.6	102	0.00
9	M	Aldrin	10.000	10.996	-10.0	102	0.00
10		Heptachlor Epoxide	10.000	10.806	-8.1	99	0.00
11		gamma-Chlordane	10.000	10.547	-5.5	98	0.00
12		alpha-Chlordane	10.000	10.596	-6.0	98	0.00
13		Endosulfan I	10.000	11.313	-13.1	104	0.00
14		4,4'-DDE	10.000	9.944	0.6	93	0.00
15	M	Dieldrin	10.000	11.046	-10.5	100	0.00
16	M	Endrin	10.000	11.271	-12.7	101	0.00
17		4,4'-DDD	10.000	10.558	-5.6	95	0.00
18		Endosulfan II	10.000	11.063	-10.6	101	0.00
19	M	4,4'-DDT	10.000	9.591	4.1	90	0.00
20		Endrin Aldehyde	10.000	11.204	-12.0	104	0.00
21		Endosulfan Sulfate	10.000	11.045	-10.4	101	0.00
22		Methoxychlor	10.000	11.292	-12.9	101	0.00
23		Endrin Ketone	10.000	10.933	-9.3	100	0.00
26	SR	Decachlorobiphenyl (S)	10.000	8.522	14.8	84	0.00
		Signal #2					
1	T	Hexachlorobutadiene	10.000	10.495	-4.9	103	0.00
2	SR	Tetrachloro-m-xylene (S)	10.000	10.126	-1.3	101	0.00
3		alpha-BHC	10.000	10.307	-3.1	100	0.00
4	T	Hexachlorobenzene	10.000	10.246	-2.5	103	0.00
5	M	gamma-BHC (Lindane)	10.000	10.348	-3.5	101	0.00
6		beta-BHC	10.000	9.937	0.6	100	0.00
7		delta-BHC	10.000	10.058	-0.6	96	0.00
8	M	Heptachlor	10.000	10.648	-6.5	104	0.00
9	M	Aldrin	10.000	10.503	-5.0	102	0.00
10		Heptachlor Epoxide	10.000	10.439	-4.4	102	0.00
11		gamma-Chlordane	10.000	10.199	-2.0	99	0.00
12		alpha-Chlordane	10.000	10.252	-2.5	100	0.00
13		Endosulfan I	10.000	10.536	-5.4	103	0.00
14		4,4'-DDE	10.000	10.507	-5.1	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070403_A\ECD23928.D\ECD1A.CH Vial: 78
Signal #2 : L:\DATA\070403_A\ECD23928.D\ECD2B.CH
Acq On : 04 Apr 2007 12:10 am Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

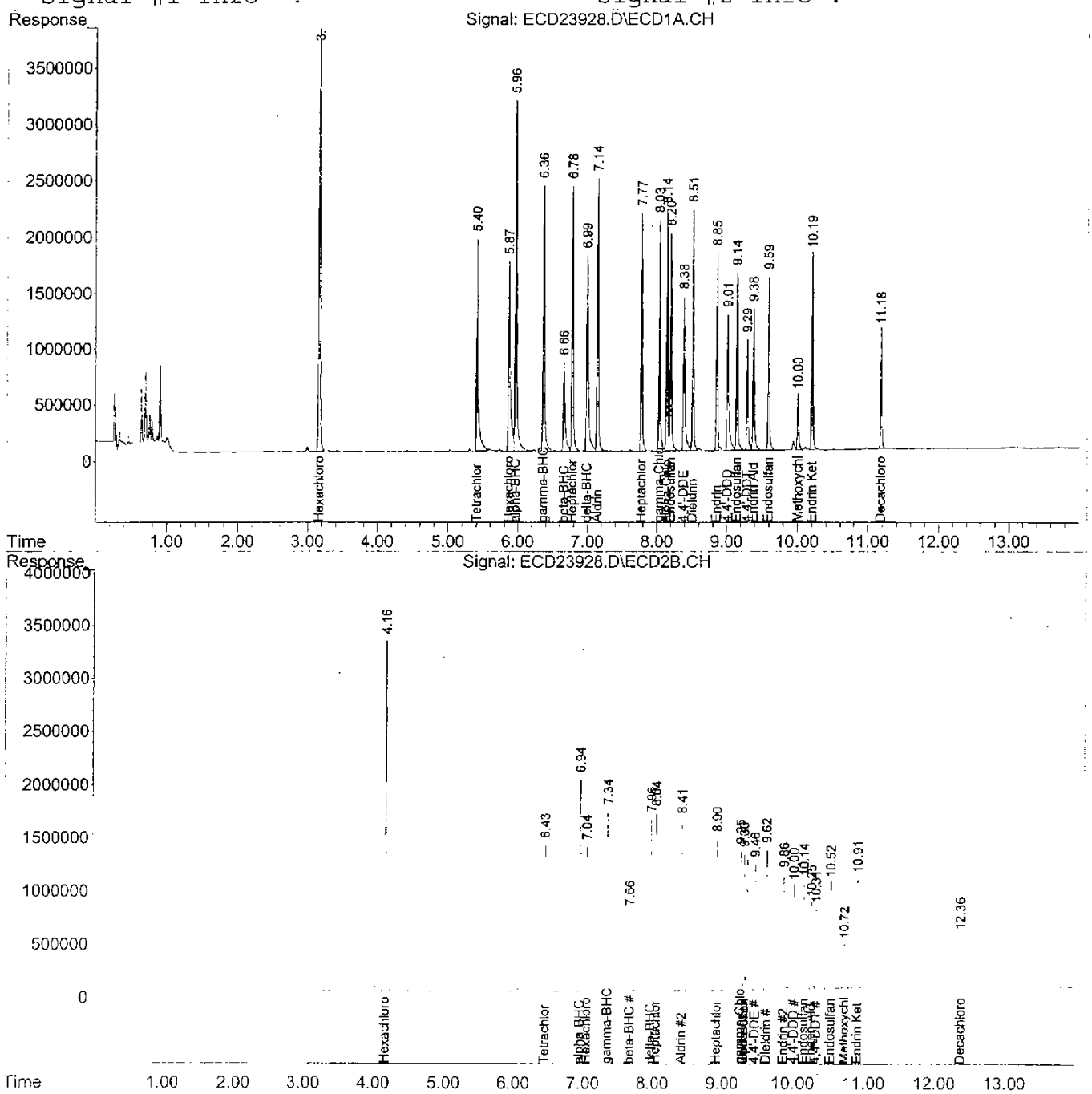
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	10.000	10.494	-4.9	101	0.00
16	M	Endrin	10.000	10.641	-6.4	98	0.00
17		4,4'-DDD	10.000	10.982	-9.8	104	0.00
18		Endosulfan II	10.000	10.351	-3.5	101	0.00
19	M	4,4'-DDT	10.000	10.147	-1.5	96	0.00
20		Endrin Aldehyde	10.000	10.572	-5.7	103	0.00
21		Endosulfan Sulfate	10.000	10.492	-4.9	103	0.00
22		Methoxychlor	10.000	10.483	-4.8	100	0.00
23		Endrin Ketone	10.000	10.709	-7.1	104	0.00
26	SR	Decachlorobiphenyl (S)	10.000	10.552	-5.5	105	0.00

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23928.D\ECD1A.CH Vial: 78
Signal #2 : L:\DATA\070403_A\ECD23928.D\ECD2B.CH
Acq On : 04 Apr 2007 12:10 am Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:05 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Sequence Log

Directory : l:\DATA\070404_A

#	Filename	Sample Name	Date/Time
1	ecd23932.d	DDT/Endrin Breakdown	04/04/07 11:48
2	ecd23933.d	10 ug/L 8081 ccv 1174-55-5	04/04/07 12:07
3	ecd23934.d	20 ug/L 8081 ccv 1174-55-4	04/04/07 12:27
4	ecd23944.d	580-5404-A-14-B	04/04/07 15:42
5	ecd23945.d	10 ug/L 8081 ccv 1174-55-5	04/04/07 16:01
6	ecd23946.d	20 ug/L 8081 ccv 1174-55-4	04/04/07 16:21

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23932.D\ECD1A.CH Vial: 27
Signal #2 : L:\DATA\070404_A\ECD23932.D\ECD2B.CH
Acq On : 04 Apr 2007 11:48 am Operator: STM
Sample : DDT/Endrin Breakdown Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 12:04:07 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.41	0.00	244752	0	<MDL	N.D. #
		Spiked Amount 20.000	Range 60 - 150		Recovery =		0.00%#	0.00%#
26)	SR	Decachlorobiphen	11.16	0.00	235895	0	0.153	N.D. #
		Spiked Amount 20.000	Range 60 - 150		Recovery =		0.77%#	0.00%#
		Target Compounds						
1)	T	Hexachlorobutadi	0.00	4.12f	0	129438	N.D.	0.038 #
3)		alpha-BHC	0.00	0.00	0	0	N.D.	N.D.
4)	T	Hexachlorobenzen	0.00	0.00	0	0	N.D.	N.D.
5)	M	gamma-BHC (Linda	0.00	0.00	0	0	N.D.	N.D.
6)		beta-BHC	0.00	0.00	0	0	N.D.	N.D.
7)		delta-BHC	0.00	0.00	0	0	N.D.	N.D.
8)	M	Heptachlor	0.00	0.00	0	0	N.D.	N.D.
9)	M	Aldrin	0.00	0.00	0	0	N.D.	N.D.
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D.	N.D.
11)		gamma-Chlordane	8.05	9.26	39360	149841	<MDL	0.098 #
12)		alpha-Chlordane	0.00	9.26f	0	149841	N.D.	0.101
13)		Endosulfan I	0.00	9.26f	0	149841	N.D.	0.104
14)		4,4'-DDE	8.39	9.46	1987144	1118104	0.860	0.820
15)	M	Dieldrin	8.52	9.58f	198712	110425	<MDL	<MDL #
16)	M	Endrin	8.86	9.87	116.5E6	67301240	62.746	55.040
17)		4,4'-DDD	9.02	10.01	16307377	6660745	8.156	5.946 #
18)		Endosulfan II	9.13	10.09f	2287168	1589333	1.128	1.349
19)	M	4,4'-DDT	9.30	10.31	190.1E6	107.3E6	138.764	122.870
20)		Endrin Aldehyde	9.39	10.25	3802779	242593	2.424	0.269 #
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D.	N.D.
22)		Methoxychlor	0.00	10.68f	0	436040	N.D.	0.959 #
23)		Endrin Ketone	10.20	10.91	6413414	876544	3.228	0.824 #
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name ECD23932.D
Data File Path L:\DATA\070404_A\

Sample ID DDT/Endrin Breakdown

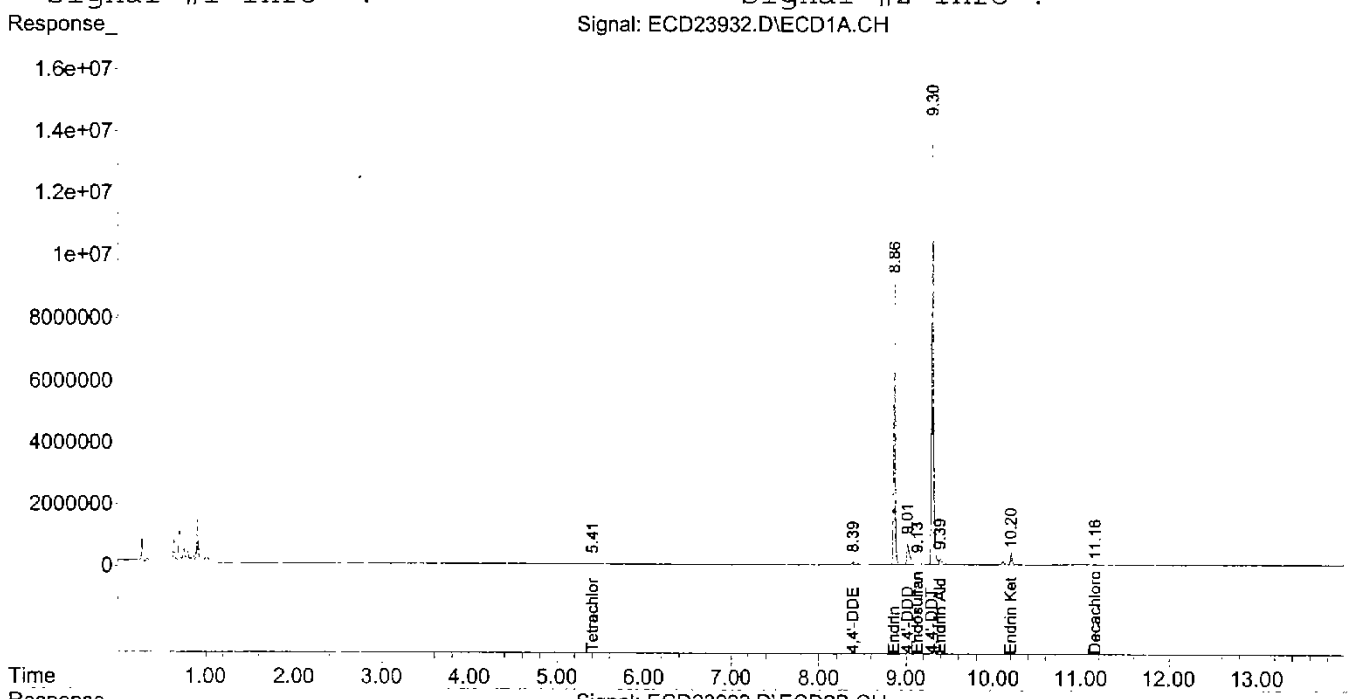
	RT	Response		RT	Response
Endrin	8.86	116505910.2	4,4'-DDT	9.30	190143118.8
Endrin Aldehyde	9.39	3802778.682	4,4'-DDD	9.02	16307377.43
Endrin Ketone	10.20	6413413.805	4,4'-DDE	8.39	1987144.245
%Breakdown		8.1%			8.8%
Endrin #2	9.87	67301240.28	4,4'-DDT #2	10.31	107262599.5
Endrin Aldehyde #2	10.25	242592.573	4,4'-DDD #2	10.01	6660744.883
Endrin Ketone #2	10.91	876543.604	4,4'-DDE #2	9.46	1118104.162
%Breakdown		1.6%			6.8%

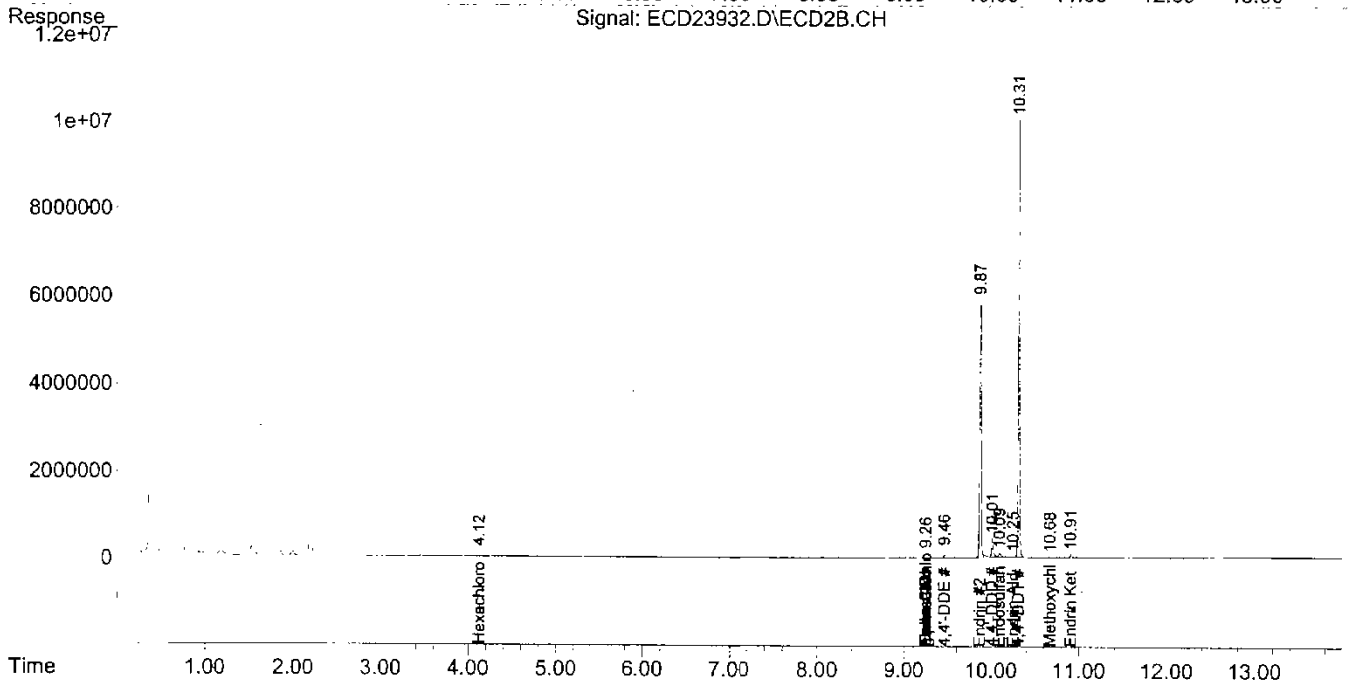
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23932.D\ECD1A.CH Vial: 27
Signal #2 : L:\DATA\070404_A\ECD23932.D\ECD2B.CH
Acq On : 04 Apr 2007 11:48 am Operator: STM
Sample : DDT/Endrin Breakdown Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 12:04 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23933.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23933.D\ECD2B.CH
Acq On : 04 Apr 2007 12:07 pm Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 12:59:09 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.44	27963449	18928088	10.354	10.225	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	51.77%#	51.13%#	
26)	SR	Decachlorobiphen	11.18	12.36	13935358	8254794	9.061	10.959	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	45.31%#	54.79%#	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	53587935	36102896	10.469	10.508	
3)		alpha-BHC	5.97	6.94	45534582	25742247	11.356	10.346	
4)	T	Hexachlorobenzen	5.87	7.04	30093585	20562926	7.875	10.437	#
5)	M	gamma-BHC (Linda	6.36	7.34	36570334	22511531	10.514	10.504	
6)		beta-BHC	6.66	7.66	14228415	9406657	9.513	10.147	
7)		delta-BHC	6.99	7.97	30998877	20582212	9.733	10.305	
8)	M	Heptachlor	6.78	8.04	35130146	21790058	11.386	11.023	
9)	M	Aldrin	7.14	8.41	34938471	20417961	11.400	10.886	
10)		Heptachlor Epoxi	7.77	8.91	29657095	17862444	11.248	10.897	
11)		gamma-Chlordane	8.04	9.25	29175084	16373612	10.944	10.719	
12)		alpha-Chlordane	8.14	9.30	28248476	16058907	11.004	10.801	
13)		Endosulfan I	8.20	9.30	28289969	16058907	11.898	11.100	
14)		4,4'-DDE	8.39	9.46	23662353	15130245	10.238	11.101	
15)	M	Dieldrin	8.51	9.62	29376358	16028024	11.652	11.003	
16)	M	Endrin	8.85	9.87	21723880	13660255	11.700	11.171	
17)		4,4'-DDD	9.01	10.01	21650647	12764629	10.828	11.395	
18)		Endosulfan II	9.14	10.14	23865168	12774315	11.774	10.844	
19)	M	4,4'-DDT	9.30	10.31	14147355	9429720	10.325	10.802	
20)		Endrin Aldehyde	9.38	10.25	18732059	9930060	11.941	11.018	
21)		Endosulfan Sulfa	9.59	10.52	21606332	11859162	11.705	10.894	
22)		Methoxychlor	10.00	10.72	7024838	4943403	11.624	10.871	
23)		Endrin Ketone	10.20	10.91	23506391	11995449	11.831	11.274	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23933.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23933.D\ECD2B.CH
Acq On : 04 Apr 2007 12:07 pm Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	T	Hexachlorobutadiene	10.000	10.469	-4.7	103	0.00
2	SR	Tetrachloro-m-xylene (S)	10.000	10.354	-3.5	102	0.00
3		alpha-BHC	10.000	11.356	-13.6	110	0.00
4	T	Hexachlorobenzene	10.000	7.875	21.3#	78	0.00
5	M	gamma-BHC (Lindane)	10.000	10.514	-5.1	100	0.00
6		beta-BHC	10.000	9.513	4.9	92	0.00
7		delta-BHC	10.000	9.733	2.7	91	0.00
8	M	Heptachlor	10.000	11.386	-13.9	106	0.00
9	M	Aldrin	10.000	11.400	-14.0	106	0.00
10		Heptachlor Epoxide	10.000	11.248	-12.5	103	0.00
11		gamma-Chlordane	10.000	10.944	-9.4	102	0.00
12		alpha-Chlordane	10.000	11.004	-10.0	102	0.00
13		Endosulfan I	10.000	11.898	-19.0	109	0.00
14		4,4'-DDE	10.000	10.238	-2.4	96	0.00
15	M	Dieldrin	10.000	11.652	-16.5	105	0.00
16	M	Endrin	10.000	11.700	-17.0	105	0.00
17		4,4'-DDD	10.000	10.828	-8.3	98	0.00
18		Endosulfan II	10.000	11.774	-17.7	108	0.00
19	M	4,4'-DDT	10.000	10.325	-3.2	97	0.00
20		Endrin Aldehyde	10.000	11.941	-19.4	111	0.00
21		Endosulfan Sulfate	10.000	11.705	-17.1	107	0.00
22		Methoxychlor	10.000	11.624	-16.2	104	0.00
23		Endrin Ketone	10.000	11.831	-18.3	108	0.00
26	SR	Decachlorobiphenyl (S)	10.000	9.061	9.4	89	0.00
		Signal #2					
1	T	Hexachlorobutadiene	10.000	10.508	-5.1	103	0.00
2	SR	Tetrachloro-m-xylene (S)	10.000	10.225	-2.2	102	0.00
3		alpha-BHC	10.000	10.346	-3.5	100	0.00
4	T	Hexachlorobenzene	10.000	10.437	-4.4	105	0.00
5	M	gamma-BHC (Lindane)	10.000	10.504	-5.0	102	0.00
6		beta-BHC	10.000	10.147	-1.5	102	0.00
7		delta-BHC	10.000	10.305	-3.0	99	0.00
8	M	Heptachlor	10.000	11.023	-10.2	108	0.00
9	M	Aldrin	10.000	10.886	-8.9	105	0.00
10		Heptachlor Epoxide	10.000	10.897	-9.0	106	0.00
11		gamma-Chlordane	10.000	10.719	-7.2	104	0.00
12		alpha-Chlordane	10.000	10.801	-8.0	105	0.00
13		Endosulfan I	10.000	11.100	-11.0	108	0.00
14		4,4'-DDE	10.000	11.101	-11.0	106	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23933.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23933.D\ECD2B.CH
Acq On : 04 Apr 2007 12:07 pm Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

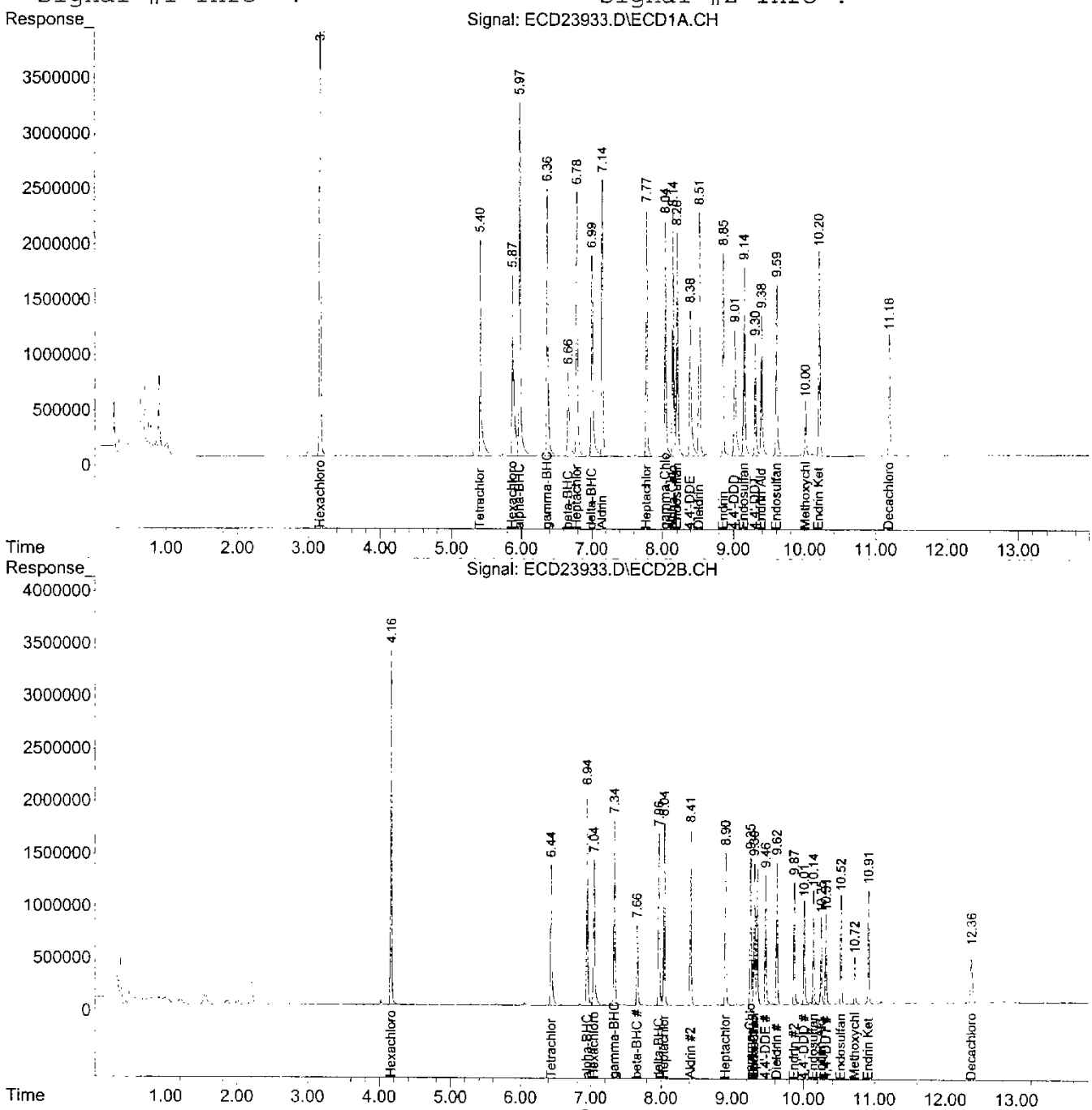
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	10.000	11.003	-10.0	106	0.00
16	M	Endrin	10.000	11.171	-11.7	103	0.00
17		4,4'-DDD	10.000	11.395	-13.9	108	0.00
18		Endosulfan II	10.000	10.844	-8.4	105	0.00
19	M	4,4'-DDT	10.000	10.802	-8.0	102	0.00
20		Endrin Aldehyde	10.000	11.018	-10.2	108	0.00
21		Endosulfan Sulfate	10.000	10.894	-8.9	106	0.00
22		Methoxychlor	10.000	10.871	-8.7	103	0.00
23		Endrin Ketone	10.000	11.274	-12.7	109	0.00
26	SR	Decachlorobiphenyl (S)	10.000	10.959	-9.6	109	0.00

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23933.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23933.D\ECD2B.CH
Acq On : 04 Apr 2007 12:07 pm Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 12:59 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23934.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23934.D\ECD2B.CH
Acq On : 04 Apr 2007 12:27 pm Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 12:59:20 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.44	54556933	36495780	20.201	19.715	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	101.01%	98.58%	
26)	SR	Decachlorobiphen	11.18	12.36	23668393	13996651	15.390	18.582	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	76.95%	92.91%	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	106.2E6	70522572	20.755	20.527	
3)		alpha-BHC	5.97	6.94	89711349	50078380	22.373	20.126	
4)	T	Hexachlorobenzen	5.87	7.04	57912292	38519107	15.155	19.551	#
5)	M	gamma-BHC (Linda	6.36	7.34	71925940	42982937	20.678	20.057	
6)		beta-BHC	6.66	7.66	27078407	17380620	18.105	18.748	
7)		delta-BHC	6.99	7.97	60723397	38588327	19.067	19.321	
8)	M	Heptachlor	6.78	8.04	65638302	39968040	21.275	20.219	
9)	M	Aldrin	7.14	8.41	66411643	38108277	21.669	20.317	
10)		Heptachlor Epoxi	7.77	8.91	54904577	32609773	20.823	19.894	
11)		gamma-Chlordane	8.04	9.25	54677397	29878345	20.510	19.560	
12)		alpha-Chlordane	8.14	9.30	52551614	29181355	20.471	19.628	
13)		Endosulfan I	8.20	9.30	52549458	29181355	22.100	20.171	
14)		4,4'-DDE	8.39	9.46	45610728	27624019	19.735	20.269	
15)	M	Dieldrin	8.51	9.62	55140096	29406204	21.870	20.186	
16)	M	Endrin	8.85	9.87	40265500	25565275	21.686	20.908	
17)		4,4'-DDD	9.01	10.01	40112142	23208372	20.062	20.717	
18)		Endosulfan II	9.14	10.14	43606580	23123393	21.514	19.629	
19)	M	4,4'-DDT	9.29	10.31	26764506	17127238	19.532	19.619	
20)		Endrin Aldehyde	9.38	10.25	33898045	17718372	21.608	19.659	
21)		Endosulfan Sulfa	9.59	10.52	38746881	20822211	20.991	19.128	
22)		Methoxychlor	10.00	10.72	12749649	8503497	21.096	18.700	
23)		Endrin Ketone	10.20	10.91	41966778	21216179	21.122	19.939	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23934.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23934.D\ECD2B.CH
Acq On : 04 Apr 2007 12:27 pm Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	T	Hexachlorobutadiene	20.000	20.755	-3.8	101	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	20.201	-1.0	97	0.00
3		alpha-BHC	20.000	22.373	-11.9	104	0.00
4	T	Hexachlorobenzene	20.000	15.155	24.2#	76	0.00
5	M	gamma-BHC (Lindane)	20.000	20.678	-3.4	96	0.00
6		beta-BHC	20.000	18.105	9.5	89	0.00
7		delta-BHC	20.000	19.067	4.7	88	0.00
8	M	Heptachlor	20.000	21.275	-6.4	100	0.00
9	M	Aldrin	20.000	21.669	-8.3	101	0.00
10		Heptachlor Epoxide	20.000	20.823	-4.1	100	0.00
11		gamma-Chlordane	20.000	20.510	-2.6	98	0.00
12		alpha-Chlordane	20.000	20.471	-2.4	98	0.00
13		Endosulfan I	20.000	22.100	-10.5	106	0.00
14		4,4'-DDE	20.000	19.735	1.3	93	0.00
15	M	Dieldrin	20.000	21.870	-9.4	103	0.00
16	M	Endrin	20.000	21.686	-8.4	102	0.00
17		4,4'-DDD	20.000	20.062	-0.3	95	0.00
18		Endosulfan II	20.000	21.514	-7.6	104	0.00
19	M	4,4'-DDT	20.000	19.532	2.3	94	0.00
20		Endrin Aldehyde	20.000	21.608	-8.0	106	0.00
21		Endosulfan Sulfate	20.000	20.991	-5.0	103	0.00
22		Methoxychlor	20.000	21.096	-5.5	99	0.00
23		Endrin Ketone	20.000	21.122	-5.6	102	0.00
26	SR	Decachlorobiphenyl (S)	20.000	15.390	23.0#	81	0.00
		Signal #2					
1	T	Hexachlorobutadiene	20.000	20.527	-2.6	102	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	19.715	1.4	99	0.00
3		alpha-BHC	20.000	20.126	-0.6	97	0.00
4	T	Hexachlorobenzene	20.000	19.551	2.2	101	0.00
5	M	gamma-BHC (Lindane)	20.000	20.057	-0.3	98	0.00
6		beta-BHC	20.000	18.748	6.3	98	0.00
7		delta-BHC	20.000	19.321	3.4	95	0.00
8	M	Heptachlor	20.000	20.219	-1.1	102	0.00
9	M	Aldrin	20.000	20.317	-1.6	101	0.00
10		Heptachlor Epoxide	20.000	19.894	0.5	101	0.00
11		gamma-Chlordane	20.000	19.560	2.2	100	0.00
12		alpha-Chlordane	20.000	19.628	1.9	101	0.00
13		Endosulfan I	20.000	20.171	-0.9	104	0.00
14		4,4'-DDE	20.000	20.269	-1.3	101	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23934.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23934.D\ECD2B.CH
Acq On : 04 Apr 2007 12:27 pm Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

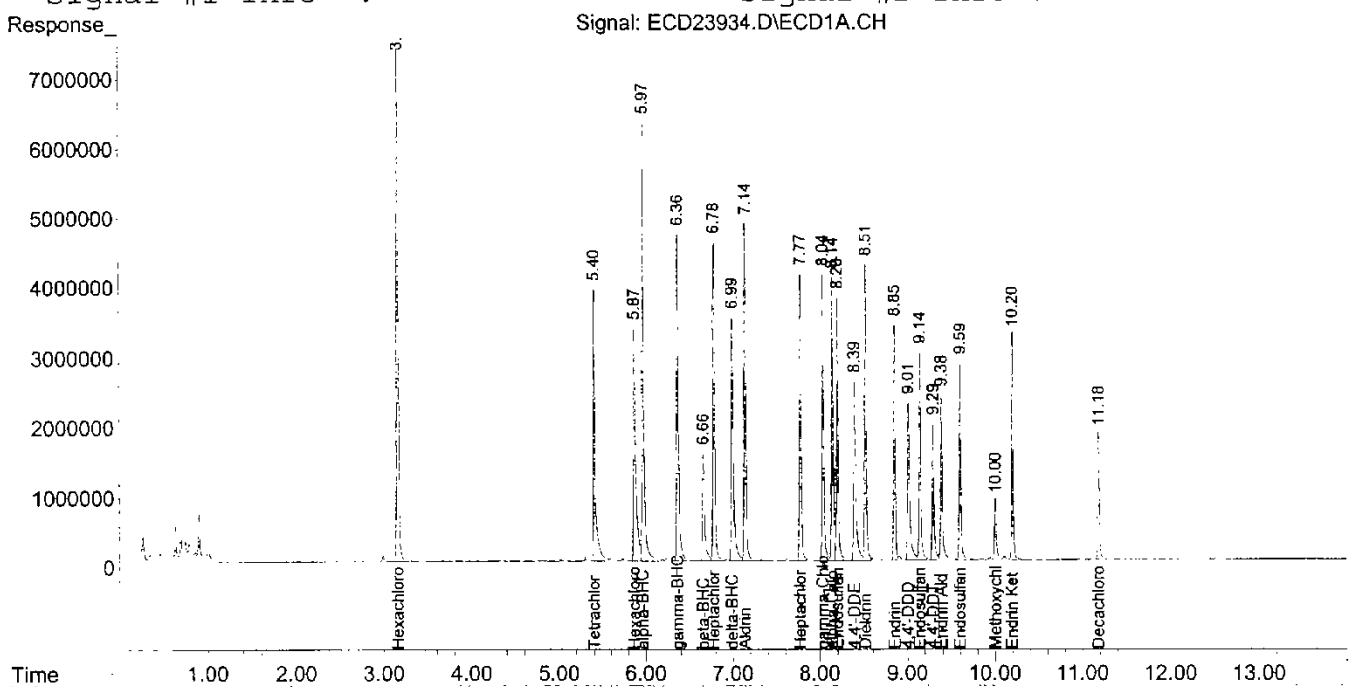
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	20.000	20.186	-0.9	101	0.00
16	M	Endrin	20.000	20.908	-4.5	103	0.00
17		4,4'-DDD	20.000	20.717	-3.6	105	0.00
18		Endosulfan II	20.000	19.629	1.9	102	0.00
19	M	4,4'-DDT	20.000	19.619	1.9	98	0.00
20		Endrin Aldehyde	20.000	19.659	1.7	103	0.00
21		Endosulfan Sulfate	20.000	19.128	4.4	101	0.00
22		Methoxychlor	20.000	18.700	6.5	100	0.00
23		Endrin Ketone	20.000	19.939	0.3	104	0.00
26	SR	Decachlorobiphenyl (S)	20.000	18.582	7.1	99	0.00

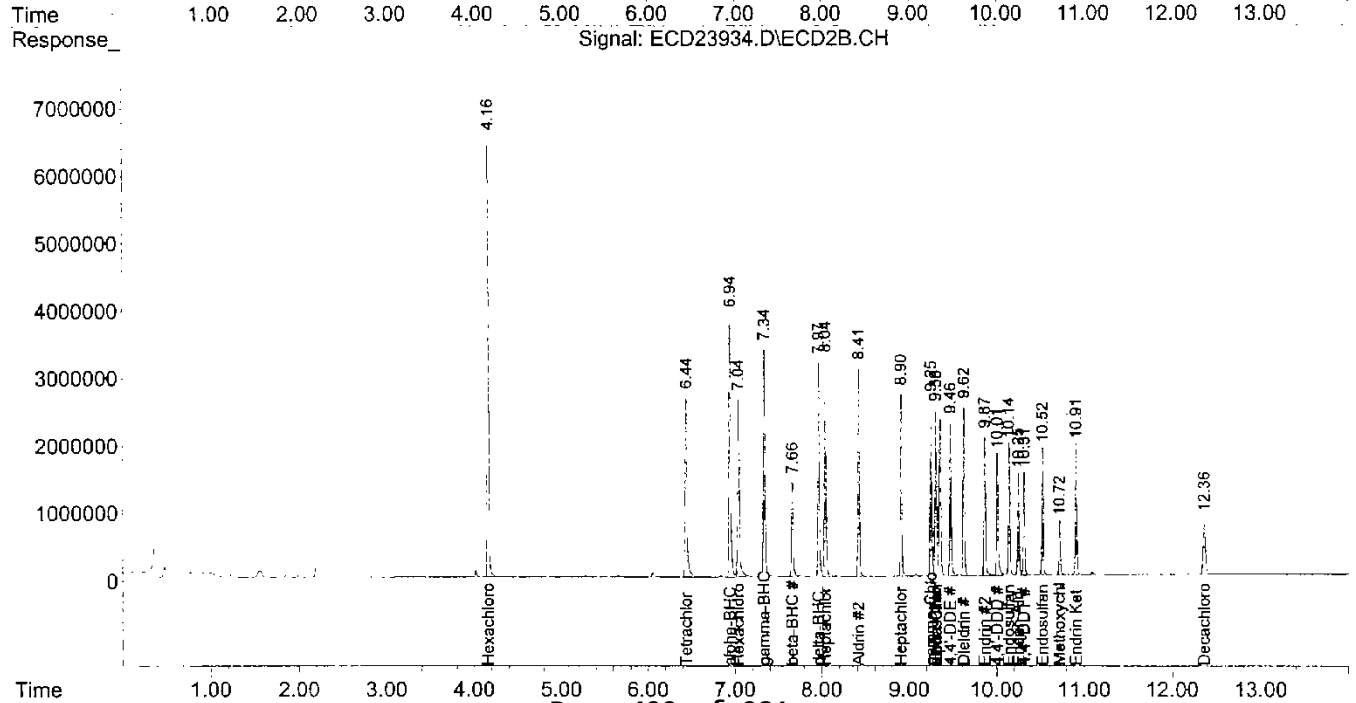
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23934.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23934.D\ECD2B.CH
Acq On : 04 Apr 2007 12:27 pm Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 12:59 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23945.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23945.D\ECD2B.CH
Acq On : 4-4-2007 04:01:44 PM Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 17:30:40 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.44	27831162	18976386	10.305	10.251	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	51.52%#	51.25%#	
26)	SR	Decachlorobiphen	11.18	12.36	13194572	7972666	8.580	10.585	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	42.90%#	52.92%#	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	54199395	36533493	10.588	10.634	
3)		alpha-BHC	5.97	6.94	45982113	25957016	11.467	10.432	
4)	T	Hexachlorobenzen	5.87	7.04	31117823	20312969	8.143	10.310	#
5)	M	gamma-BHC (Linda	6.36	7.34	37447498	22535662	10.766	10.516	
6)		beta-BHC	6.66	7.66	15036163	9696104	10.053	10.459	
7)		delta-BHC	6.99	7.96	33206226	21016270	10.426	10.523	
8)	M	Heptachlor	6.78	8.04	35652890	21597555	11.556	10.926	
9)	M	Aldrin	7.14	8.41	35114821	20046229	11.457	10.687	
10)		Heptachlor Epoxi	7.77	8.91	30402569	18191586	11.530	11.098	
11)		gamma-Chlordane	8.03	9.25	30364670	16385823	11.390	10.727	
12)		alpha-Chlordane	8.14	9.30	29368805	15973626	11.440	10.744	
13)		Endosulfan I	8.20	9.30	29240198	15973626	12.297	11.041	
14)		4,4'-DDE	8.38	9.46	24382709	15427262	10.550	11.319	
15)	M	Dieldrin	8.51	9.62	29901661	16147558	11.860	11.085	
16)	M	Endrin	8.85	9.87	23018138	13911246	12.397	11.377	
17)		4,4'-DDD	9.01	10.01	22694196	12974327	11.350	11.582	
18)		Endosulfan II	9.14	10.14	24147500	12747191	11.914	10.821	
19)	M	4,4'-DDT	9.29	10.31	15993869	9956427	11.672	11.405	
20)		Endrin Aldehyde	9.38	10.25	19670004	9843529	12.539	10.922	
21)		Endosulfan Sulfa	9.59	10.52	22288447	12067423	12.075	11.086	
22)		Methoxychlor	10.00	10.72	7448752	5477572	12.325	12.046	
23)		Endrin Ketone	10.20	10.91	24103413	12190799	12.131	11.457	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23945.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23945.D\ECD2B.CH
Acq On : 4-4-2007 04:01:44 PM Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	T	Hexachlorobutadiene	10.000	10.588	-5.9	104	0.00
2	SR	Tetrachloro-m-xylene (S)	10.000	10.305	-3.0	102	0.00
3		alpha-BHC	10.000	11.467	-14.7	111	0.00
4	T	Hexachlorobenzene	10.000	8.143	18.6	81	0.00
5	M	gamma-BHC (Lindane)	10.000	10.766	-7.7	103	0.00
6		beta-BHC	10.000	10.053	-0.5	97	0.00
7		delta-BHC	10.000	10.426	-4.3	97	0.00
8	M	Heptachlor	10.000	11.556	-15.6	107	0.00
9	M	Aldrin	10.000	11.457	-14.6	106	0.00
10		Heptachlor Epoxide	10.000	11.530	-15.3	106	0.00
11		gamma-Chlordane	10.000	11.390	-13.9	106	0.00
12		alpha-Chlordane	10.000	11.440	-14.4	106	0.00
13		Endosulfan I	10.000	12.297	-23.0#	113	0.00
14		4,4'-DDE	10.000	10.550	-5.5	99	0.00
15	M	Dieldrin	10.000	11.860	-18.6	107	0.00
16	M	Endrin	10.000	12.397	-24.0#	111	0.00
17		4,4'-DDD	10.000	11.350	-13.5	102	0.00
18		Endosulfan II	10.000	11.914	-19.1	109	0.00
19	M	4,4'-DDT	10.000	11.672	-16.7	109	0.00
20		Endrin Aldehyde	10.000	12.539	-25.4#	117	0.00
21		Endosulfan Sulfate	10.000	12.075	-20.7#	110	0.00
22		Methoxychlor	10.000	12.325	-23.2#	110	0.00
23		Endrin Ketone	10.000	12.131	-21.3#	110	0.00
26	SR	Decachlorobiphenyl (S)	10.000	8.580	14.2	85	0.00
		Signal #2					
1	T	Hexachlorobutadiene	10.000	10.634	-6.3	104	0.00
2	SR	Tetrachloro-m-xylene (S)	10.000	10.251	-2.5	102	0.00
3		alpha-BHC	10.000	10.432	-4.3	101	0.00
4	T	Hexachlorobenzene	10.000	10.310	-3.1	104	0.00
5	M	gamma-BHC (Lindane)	10.000	10.516	-5.2	102	0.00
6		beta-BHC	10.000	10.459	-4.6	105	0.00
7		delta-BHC	10.000	10.523	-5.2	101	0.00
8	M	Heptachlor	10.000	10.926	-9.3	107	0.00
9	M	Aldrin	10.000	10.687	-6.9	103	0.00
10		Heptachlor Epoxide	10.000	11.098	-11.0	108	0.00
11		gamma-Chlordane	10.000	10.727	-7.3	104	0.00
12		alpha-Chlordane	10.000	10.744	-7.4	105	0.00
13		Endosulfan I	10.000	11.041	-10.4	107	0.00
14		4,4'-DDE	10.000	11.319	-13.2	108	0.00

(#) = Out of Range
ECD23945.D 070313_8081.M Thu Apr 05 14:46:48 2007 A Page 1

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23945.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23945.D\ECD2B.CH
Acq On : 4-4-2007 04:01:44 PM Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

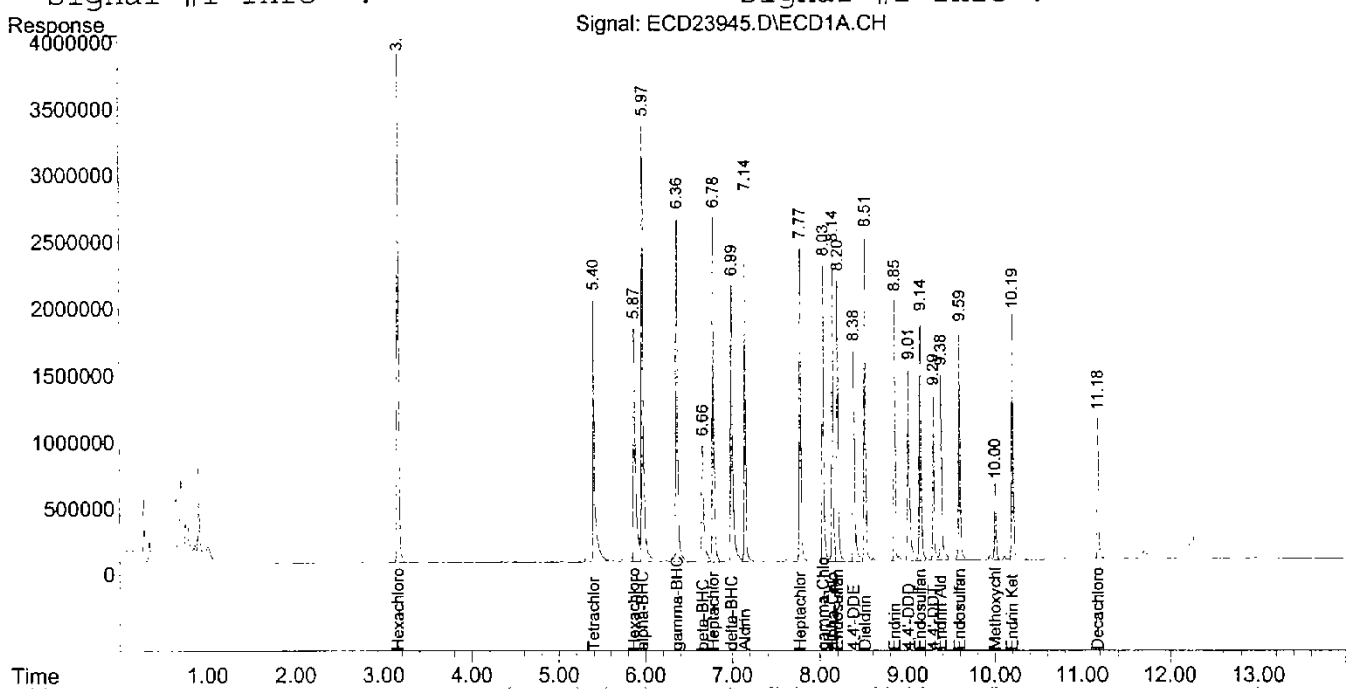
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	10.000	11.085	-10.9	107	0.00
16	M	Endrin	10.000	11.377	-13.8	105	0.00
17		4,4'-DDD	10.000	11.582	-15.8	110	0.00
18		Endosulfan II	10.000	10.821	-8.2	105	0.00
19	M	4,4'-DDT	10.000	11.405	-14.0	107	0.00
20		Endrin Aldehyde	10.000	10.922	-9.2	107	0.00
21		Endosulfan Sulfate	10.000	11.086	-10.9	108	0.00
22		Methoxychlor	10.000	12.046	-20.5#	115	0.00
23		Endrin Ketone	10.000	11.457	-14.6	111	0.00
26	SR	Decachlorobiphenyl (S)	10.000	10.585	-5.9	105	0.00

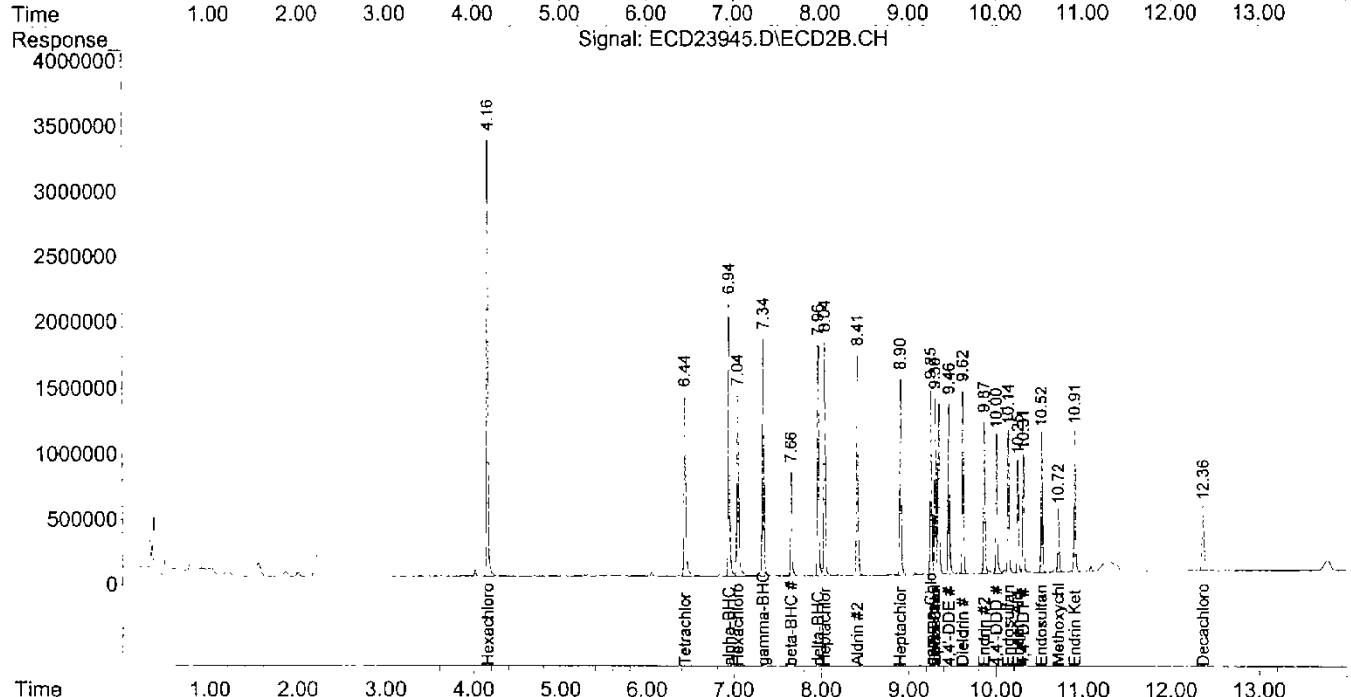
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23945.D\ECD1A.CH Vial: 28
Signal #2 : L:\DATA\070404_A\ECD23945.D\ECD2B.CH
Acq On : 4-4-2007 04:01:44 PM Operator: STM
Sample : 10 ug/L 8081 ccv 1174-55-5 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:30 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23946.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23946.D\ECD2B.CH
Acq On : 4-4-2007 04:21:16 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 17:30:48 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.44	56789390	37569541	21.027	20.295
		Spiked Amount 20.000	Range 60 - 150			Recovery =	105.14%	101.48%
26)	SR	Decachlorobiphen	11.18	12.36	26323700	15386061	17.116	20.427
		Spiked Amount 20.000	Range 60 - 150			Recovery =	85.58%	102.13%
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.16	108.4E6	71520558	21.170	20.817
3)		alpha-BHC	5.97	6.94	94119603	52369998	23.472	21.047
4)	T	Hexachlorobenzen	5.87	7.04	62191568	39782020	16.275	20.192
5)	M	gamma-BHC (Linda	6.36	7.34	77322907	45410961	22.230	21.190
6)		beta-BHC	6.66	7.66	30247303	18845692	20.224	20.329
7)		delta-BHC	6.99	7.96	70091582	42904927	22.008	21.482
8)	M	Heptachlor	6.78	8.04	72698002	43102729	23.563	21.805
9)	M	Aldrin	7.14	8.41	72686351	40399279	23.716	21.538
10)		Heptachlor Epoxi	7.77	8.90	60896843	35293263	23.096	21.531
11)		gamma-Chlordane	8.03	9.25	61837657	33079046	23.196	21.656
12)		alpha-Chlordane	8.14	9.30	59464984	32162018	23.164	21.632
13)		Endosulfan I	8.20	9.30	58254221	32162018	24.499	22.231
14)		4,4'-DDE	8.38	9.46	51915968	31105247	22.463	22.823
15)	M	Dieldrin	8.51	9.62	61086885	32598928	24.229	22.378
16)	M	Endrin	8.85	9.87	47629358	28832700	25.652	23.580
17)		4,4'-DDD	9.01	10.00	47667669	25888277	23.841	23.110
18)		Endosulfan II	9.14	10.14	49926351	26034266	24.632	22.099
19)	M	4,4'-DDT	9.29	10.31	35104823	21028588	25.619	24.088
20)		Endrin Aldehyde	9.38	10.25	39516176	20271218	25.189	22.491
21)		Endosulfan Sulfa	9.59	10.52	45557406	23992410	24.680	22.041
22)		Methoxychlor	10.00	10.72	16445808	10856125	27.212	23.874
23)		Endrin Ketone	10.19	10.91	48992155	24328936	24.658	22.865
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23946.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23946.D\ECD2B.CH
Acq On : 4-4-2007 04:21:16 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	T	Hexachlorobutadiene	20.000	21.170	-5.9	103	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	21.027	-5.1	101	0.00
3		alpha-BHC	20.000	23.472	-17.4	109	0.00
4	T	Hexachlorobenzene	20.000	16.275	18.6	81	0.00
5	M	gamma-BHC (Lindane)	20.000	22.230	-11.2	104	0.00
6		beta-BHC	20.000	20.224	-1.1	99	0.00
7		delta-BHC	20.000	22.008	-10.0	102	0.00
8	M	Heptachlor	20.000	23.563	-17.8	110	0.00
9	M	Aldrin	20.000	23.716	-18.6	111	0.00
10		Heptachlor Epoxide	20.000	23.096	-15.5	111	0.00
11		gamma-Chlordane	20.000	23.196	-16.0	111	0.00
12		alpha-Chlordane	20.000	23.164	-15.8	111	0.00
13		Endosulfan I	20.000	24.499	-22.5#	117	0.00
14		4,4'-DDE	20.000	22.463	-12.3	106	0.00
15	M	Dieldrin	20.000	24.229	-21.1#	114	0.00
16	M	Endrin	20.000	25.652	-28.3#	121	0.00
17		4,4'-DDD	20.000	23.841	-19.2	113	0.00
18		Endosulfan II	20.000	24.632	-23.2#	119	0.00
19	M	4,4'-DDT	20.000	25.619	-28.1#	124	0.00
20		Endrin Aldehyde	20.000	25.189	-25.9#	124	0.00
21		Endosulfan Sulfate	20.000	24.680	-23.4#	121	0.00
22		Methoxychlor	20.000	27.212	-36.1#	127	0.00
23		Endrin Ketone	20.000	24.658	-23.3#	119	0.00
26	SR	Decachlorobiphenyl (S)	20.000	17.116	14.4	90	0.00
		Signal #2					
1	T	Hexachlorobutadiene	20.000	20.817	-4.1	103	0.00
2	SR	Tetrachloro-m-xylene (S)	20.000	20.295	-1.5	102	0.00
3		alpha-BHC	20.000	21.047	-5.2	101	0.00
4	T	Hexachlorobenzene	20.000	20.192	-1.0	104	0.00
5	M	gamma-BHC (Lindane)	20.000	21.190	-6.0	104	0.00
6		beta-BHC	20.000	20.329	-1.6	107	0.00
7		delta-BHC	20.000	21.482	-7.4	105	0.00
8	M	Heptachlor	20.000	21.805	-9.0	110	0.00
9	M	Aldrin	20.000	21.538	-7.7	107	0.00
10		Heptachlor Epoxide	20.000	21.531	-7.7	110	0.00
11		gamma-Chlordane	20.000	21.656	-8.3	111	0.00
12		alpha-Chlordane	20.000	21.632	-8.2	112	0.00
13		Endosulfan I	20.000	22.231	-11.2	115	0.00
14		4,4'-DDE	20.000	22.823	-14.1	114	0.00

(#) = Out of Range
ECD23946.D 070313_8081.M Thu Apr 05 14:47:33 2007 A Page 1

Evaluate Continuing Calibration Report

Signal #1 : L:\DATA\070404_A\ECD23946.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23946.D\ECD2B.CH
Acq On : 4-4-2007 04:21:16 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

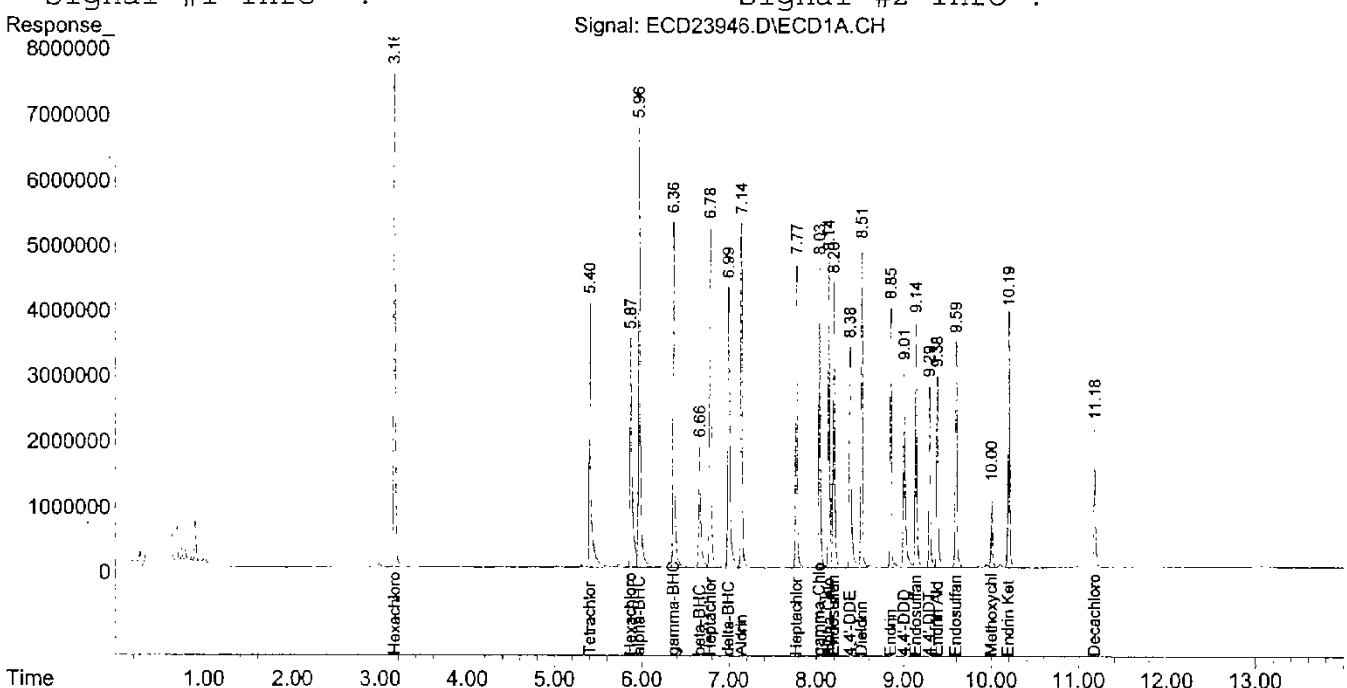
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	20.000	22.378	-11.9	112	0.00
16	M	Endrin	20.000	23.580	-17.9	116	0.00
17		4,4'-DDD	20.000	23.110	-15.5	117	0.00
18		Endosulfan II	20.000	22.099	-10.5	115	0.00
19	M	4,4'-DDT	20.000	24.088	-20.4#	121	0.00
20		Endrin Aldehyde	20.000	22.491	-12.5	118	0.00
21		Endosulfan Sulfate	20.000	22.041	-10.2	117	0.00
22		Methoxychlor	20.000	23.874	-19.4	127	0.00
23		Endrin Ketone	20.000	22.865	-14.3	119	0.00
26	SR	Decachlorobiphenyl (S)	20.000	20.427	-2.1	109	0.00

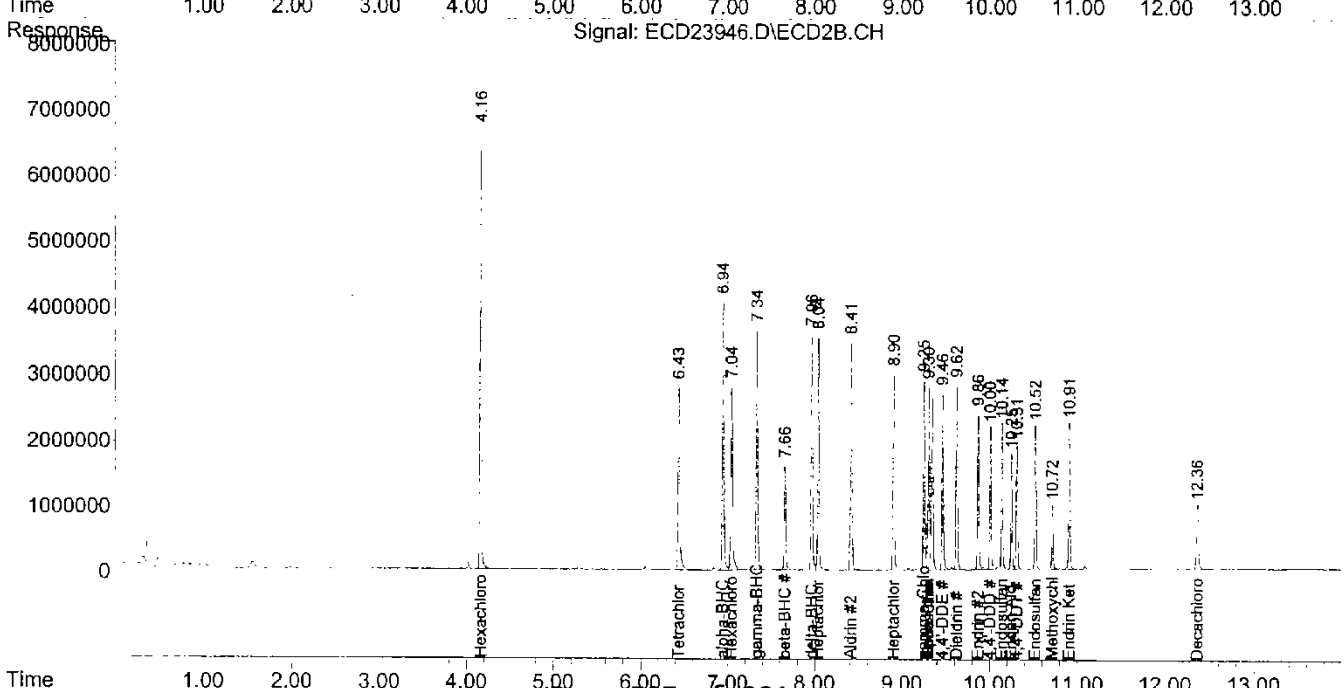
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23946.D\ECD1A.CH Vial: 29
Signal #2 : L:\DATA\070404_A\ECD23946.D\ECD2B.CH
Acq On : 4-4-2007 04:21:16 PM Operator: STM
Sample : 20 ug/L 8081 ccv 1174-55-4 Inst : SEA035
Misc : BT=SEA035 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 17:30 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





METHOD BLANK

Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23917.D\ECD1A.CH Vial: 17
Signal #2 : L:\DATA\070403_A\ECD23917.D\ECD2B.CH
Acq On : 4-3-2007 08:35:52 PM Operator: STM
Sample : MB 580-17226/1-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:01:46 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
2)	SR Tetrachloro-m-xy	5.40	6.43	55030287	37507068	20.376	20.261
	Spiked Amount 20.000	Range 60 - 150			Recovery =	101.88%	101.31%
26)	SR Decachlorobiphen	11.18	12.36	25571084	15404684	16.627	20.451
	Spiked Amount 20.000	Range 60 - 150			Recovery =	83.13%	102.26%
	Target Compounds						
1)	T Hexachlorobutadi	0.00	0.00	0	0	N.D.	N.D. d
3)	alpha-BHC	0.00	0.00	0	0	N.D.	N.D.
4)	T Hexachlorobenzen	5.87	7.04	99576	111500	0.026	0.057 #
5)	M gamma-BHC (Linda	0.00	0.00	0	0	N.D.	N.D.
6)	beta-BHC	0.00	0.00	0	0	N.D.	N.D.
7)	delta-BHC	0.00	0.00	0	0	N.D. d	N.D.
8)	M Heptachlor	0.00	0.00	0	0	N.D.	N.D. d
9)	M Aldrin	0.00	0.00	0	0	N.D.	N.D.
10)	Heptachlor Epoxi	0.00	0.00	0	0	N.D.	N.D.
11)	gamma-Chlordane	0.00	0.00	0	0	N.D.	N.D.
12)	alpha-Chlordane	0.00	0.00	0	0	N.D.	N.D.
13)	Endosulfan I	0.00	0.00	0	0	N.D.	N.D.
14)	4,4'-DDE	0.00	0.00	0	0	N.D.	N.D.
15)	M Dieldrin	0.00	0.00	0	0	N.D.	N.D.
16)	M Endrin	0.00	0.00	0	0	N.D.	N.D. d
17)	4,4'-DDD	0.00	0.00	0	0	N.D.	N.D.
18)	Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19)	M 4,4'-DDT	0.00	0.00	0	0	N.D. d	N.D.
20)	Endrin Aldehyde	0.00	0.00	0	0	N.D.	N.D.
21)	Endosulfan Sulfa	0.00	0.00	0	0	N.D.	N.D.
22)	Methoxychlor	0.00	0.00	0	0	N.D.	N.D.
23)	Endrin Ketone	0.00	0.00	0	0	N.D.	N.D.
24)	T Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)	Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

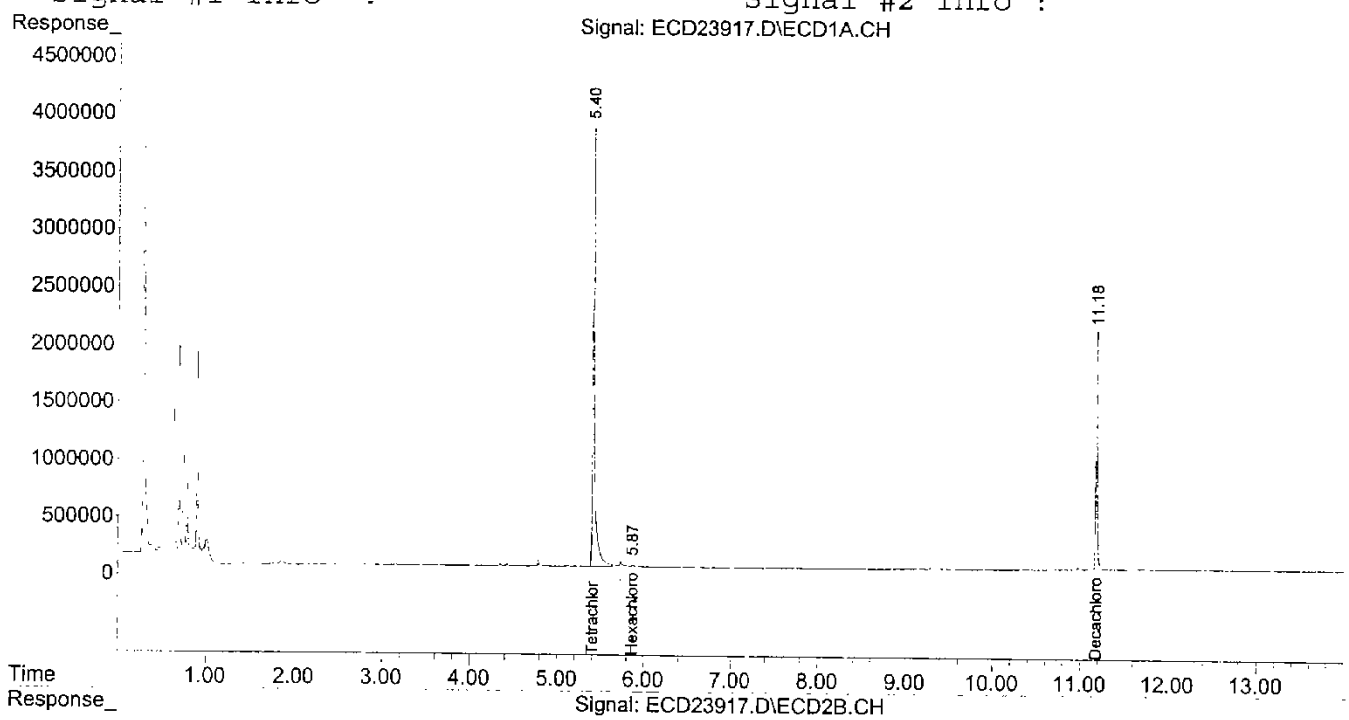
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

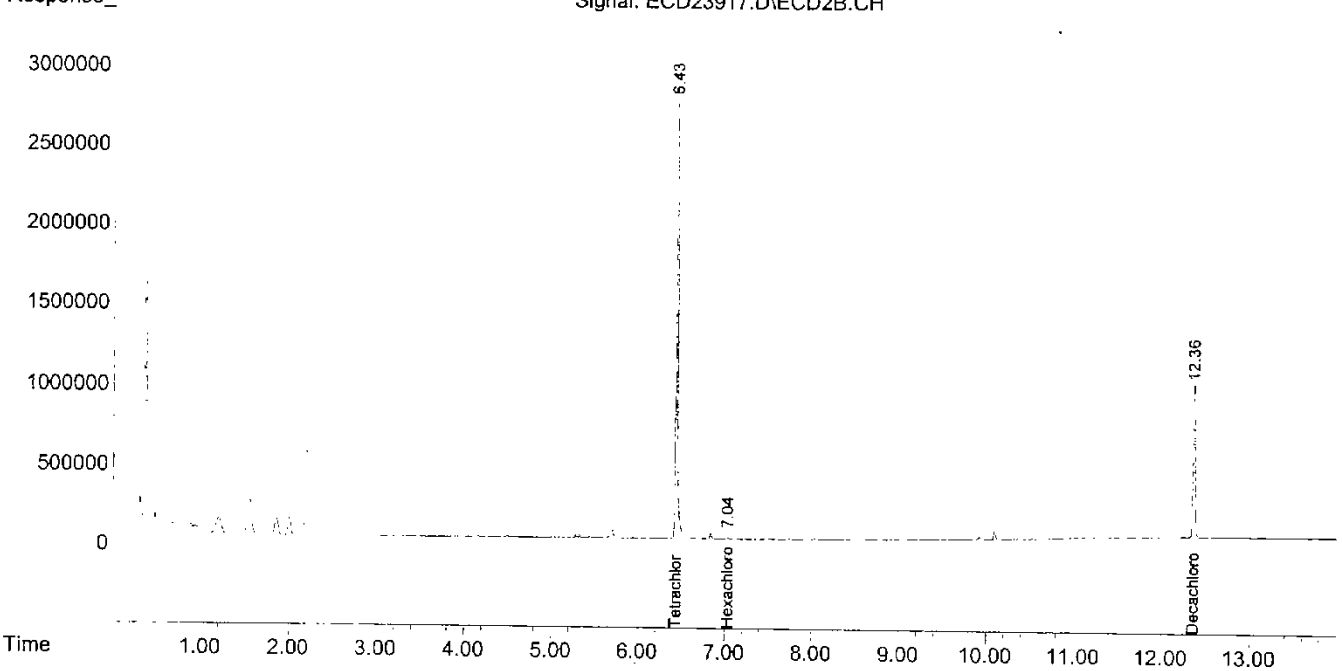
Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23917.D\ECD1A.CH Vial: 17
Signal #2 : L:\DATA\070403_A\ECD23917.D\ECD2B.CH
Acq On : 4-3-2007 08:35:52 PM Operator: STM
Sample : MB 580-17226/1-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:53 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23917.D\ECD1A.CH Vial: 17
Signal #2 : L:\DATA\070403_A\ECD23917.D\ECD2B.CH
Acq On : 4-3-2007 08:35:52 PM Operator: STM
Sample : MB 580-17226/1-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:01:46 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L		ug/L	
		System Monitoring Compounds								
2)	SR	Tetrachloro-m-xy	5.40	6.43	55030287	37507068	20.376		20.261	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	101.88%		101.31%	
26)	SR	Decachlorobiphen	11.18	12.36	25571084	15404684	16.627		20.451	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	83.13%		102.26%	
		Target Compounds								
1)	T	Hexachlorobutadi	0.00	4.13f	0	6155	N.D.	NC	0.002	#
3)		alpha-BHC	0.00	0.00	0	0	N.D.		N.D.	
4)	T	Hexachlorobenzen	5.87	7.04	99576	111500	0.026		0.057	#
5)	M	gamma-BHC (Linda	0.00	0.00	0	0	N.D.		N.D.	
6)		beta-BHC	0.00	0.00	0	0	N.D.		N.D.	
7)		delta-BHC	7.02	0.00	73147	0	0.023	NC	N.D.	#
8)	M	Heptachlor	0.00	8.04	0	101664	N.D.	NC	0.051	
9)	M	Aldrin	0.00	0.00	0	0	N.D.		N.D.	
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D.		N.D.	
11)		gamma-Chlordane	0.00	0.00	0	0	N.D.		N.D.	
12)		alpha-Chlordane	0.00	0.00	0	0	N.D.		N.D.	
13)		Endosulfan I	0.00	0.00	0	0	N.D.		N.D.	
14)		4,4'-DDE	0.00	0.00	0	0	N.D.		N.D.	
15)	M	Dieldrin	0.00	0.00	0	0	N.D.		N.D.	
16)	M	Endrin	0.00	9.92f	0	230715	N.D.	NC	0.189	
17)		4,4'-DDD	0.00	0.00	0	0	N.D.		N.D.	
18)		Endosulfan II	9.13	10.09f	262717	661386	0.130		0.561	# RT OF
19)	M	4,4'-DDT	9.30	0.00	964218	0	0.704	NC	N.D.	#
20)		Endrin Aldehyde	0.00	0.00	0	0	N.D.		N.D.	
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D.		N.D.	
22)		Methoxychlor	0.00	0.00	0	0	N.D.		N.D.	
23)		Endrin Ketone	0.00	0.00	0	0	N.D.		N.D.	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.		N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.		N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name	ECD23917.D
Sample Name	MB 580-17226/1-AA
RT STD File Name	ECD22089.D

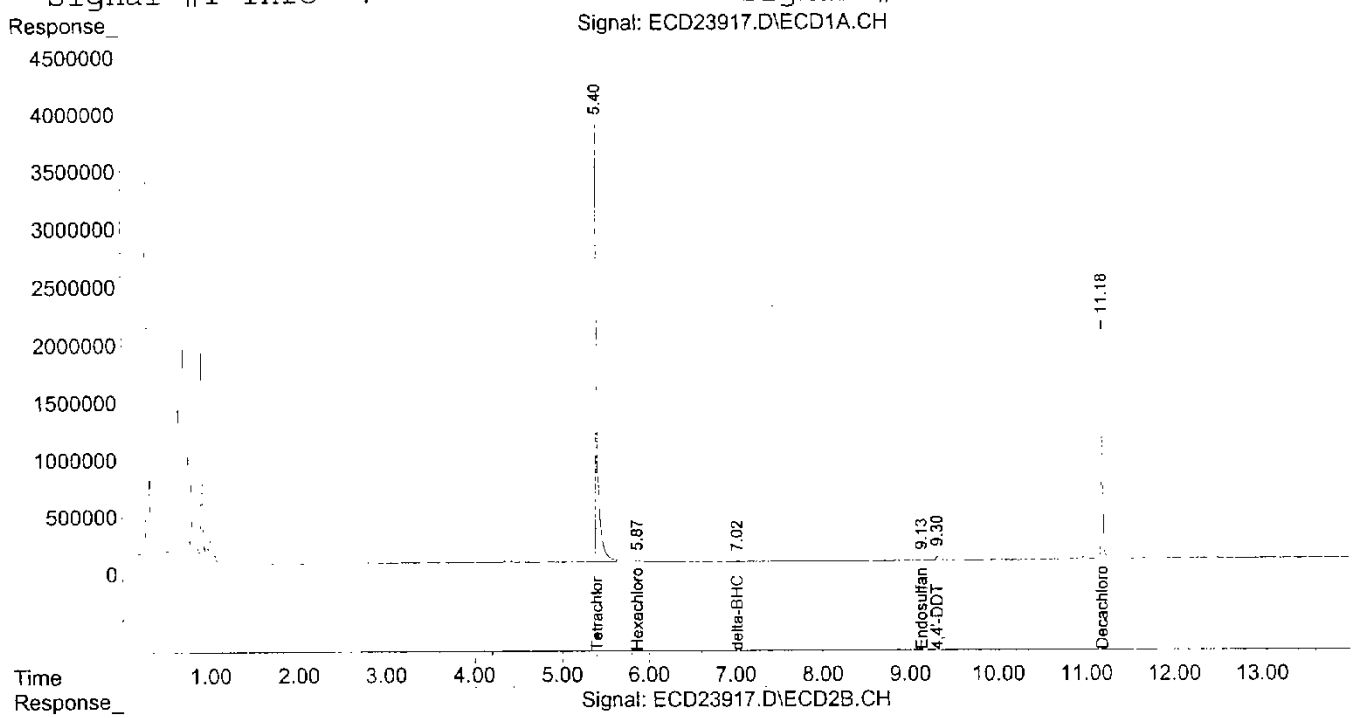
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	0.000	3.160	FAIL	4.128	4.160	FAIL
Tetrachloro-m-xylene (S)	5.403	5.403	PASS	6.435	6.435	PASS
alpha-BHC	0.000	5.965	FAIL	0.000	6.941	FAIL
Hexachlorobenzene	5.867	5.868	PASS	7.039	7.039	PASS
gamma-BHC (Lindane)	0.000	6.359	FAIL	0.000	7.336	FAIL
beta-BHC	0.000	6.657	FAIL	0.000	7.657	FAIL
delta-BHC	7.017	6.988	PASS	0.000	7.965	FAIL
Heptachlor	0.000	6.777	FAIL	8.039	8.040	PASS
Aldrin	0.000	7.139	FAIL	0.000	8.414	FAIL
Heptachlor Epoxide	0.000	7.771	FAIL	0.000	8.905	FAIL
gamma-Chlordane	0.000	8.034	FAIL	0.000	9.251	FAIL
alpha-Chlordane	0.000	8.141	FAIL	0.000	9.304	FAIL
Endosulfan I	0.000	8.198	FAIL	0.000	9.304	FAIL
4,4'-DDE	0.000	8.383	FAIL	0.000	9.462	FAIL
Dieldrin	0.000	8.513	FAIL	0.000	9.622	FAIL
Endrin	0.000	8.850	FAIL	9.917	9.865	FAIL
4,4'-DDD	0.000	9.007	FAIL	0.000	10.005	FAIL
Endosulfan II	9.131	9.140	PASS	10.094	10.139	FAIL
4,4'-DDT	9.302	9.294	PASS	0.000	10.311	FAIL
Endrin Aldehyde	0.000	9.382	FAIL	0.000	10.248	FAIL
Endosulfan Sulfate	0.000	9.592	FAIL	0.000	10.520	FAIL
Methoxychlor	0.000	10.001	FAIL	0.000	10.717	FAIL
Endrin Ketone	0.000	10.195	FAIL	0.000	10.906	FAIL
Decachlorobiphenyl (S)	11.179	11.179	PASS	12.363	12.364	PASS

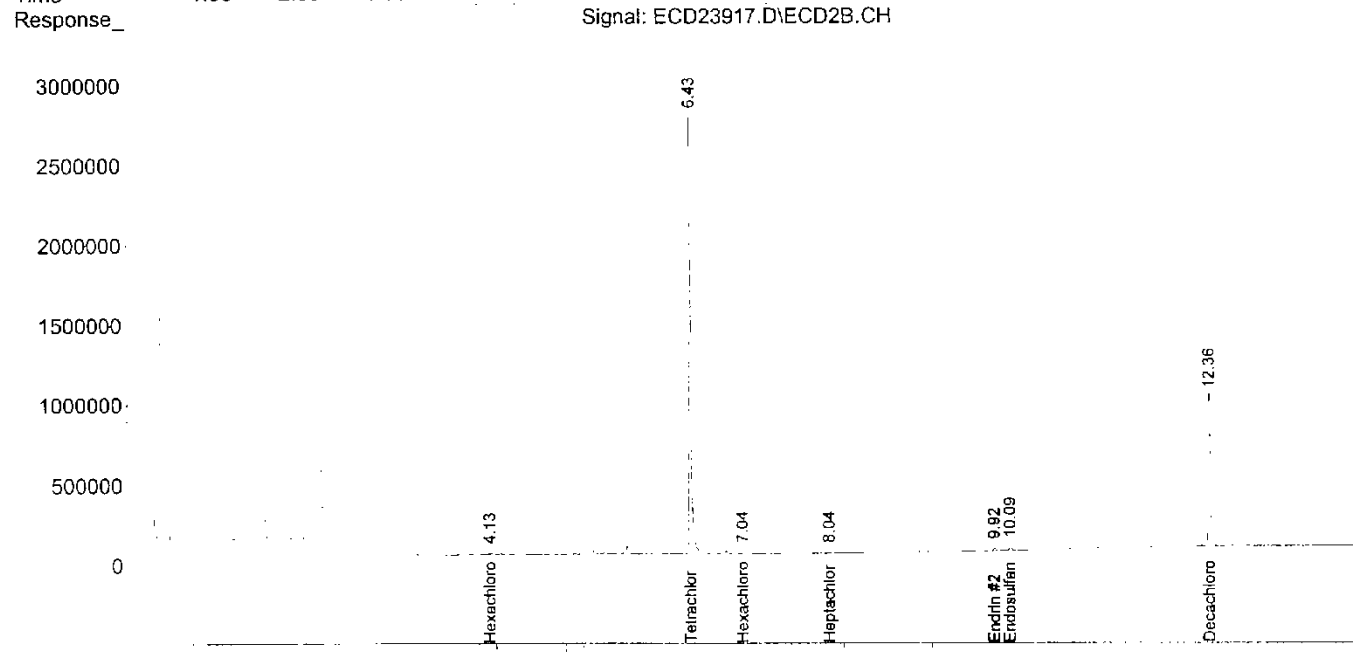
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23917.D\ECD1A.CH Vial: 17
Signal #2 : L:\DATA\070403_A\ECD23917.D\ECD2B.CH
Acq On : 4-3-2007 08:35:52 PM Operator: STM
Sample : MB 580-17226/1-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:01 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





BLANK SPIKE

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23918.D\ECD1A.CH Vial: 18
Signal #2 : L:\DATA\070403_A\ECD23918.D\ECD2B.CH
Acq On : 4-3-2007 08:55:20 PM Operator: STM
Sample : LCS 580-17226/2-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:01:52 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.44	53391607	36448679	19.769	19.689	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	98.84%	98.45%	
26)	SR	Decachlorobiphen	11.18	12.36	23586015	14187318	15.336	18.835	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	76.68%	94.18%	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	89141722	58515428	17.415	17.032	
3)		alpha-BHC	5.97	6.94	82599006	47958814	20.599	19.274	
4)	T	Hexachlorobenzen	5.87	7.04	54805164	36935681	14.342	18.747	#
5)	M	gamma-BHC (Linda	6.36	7.34	68891333	42219741	19.806	19.701	
6)		beta-BHC	6.66	7.66	26154496	17329804	17.487	18.693	
7)		delta-BHC	6.99	7.96	32841296	22070821	10.312	11.051	
8)	M	Heptachlor	6.78	8.04	65650946	40094823	21.279	20.284	
9)	M	Aldrin	7.14	8.41	63332597	38204835	20.664	20.368	
10)		Heptachlor Epoxi	7.77	8.90	52198734	32559736	19.797	19.864	
11)		gamma-Chlordane	8.03	9.25	53743061	30453316	20.160	19.937	
12)		alpha-Chlordane	8.14	9.30	50407491	29023669	19.636	19.521	
13)		Endosulfan I	8.20	9.30	49318933	29023669	20.742	20.062	
14)		4,4'-DDE	8.38	9.46	44282591	27809256	19.161	20.404	
15)	M	Dieldrin	8.51	9.62	52193381	29432915	20.701	20.205	
16)	M	Endrin	8.85	9.87	38360787	24572985	20.660	20.096	
17)		4,4'-DDD	9.01	10.01	36375842	21433212	18.193	19.133	
18)		Endosulfan II	9.14	10.14	40746752	22381294	20.103	18.999	
19)	M	4,4'-DDT	9.29	10.31	28666072	18228338	20.920	20.881	
20)		Endrin Aldehyde	9.38	10.25	30546763	16420694	19.472	18.219	
21)		Endosulfan Sulfa	9.59	10.52	34537368	19204503	18.710	17.642	
22)		Methoxychlor	10.00	10.72	13273897	9020429	21.964	19.837	
23)		Endrin Ketone	10.19	10.91	39272911	20942718	19.766	19.682	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name	ECD23918.D
Sample Name	LCS 580-17226/2-AA
RT STD File Name	ECD22089.D

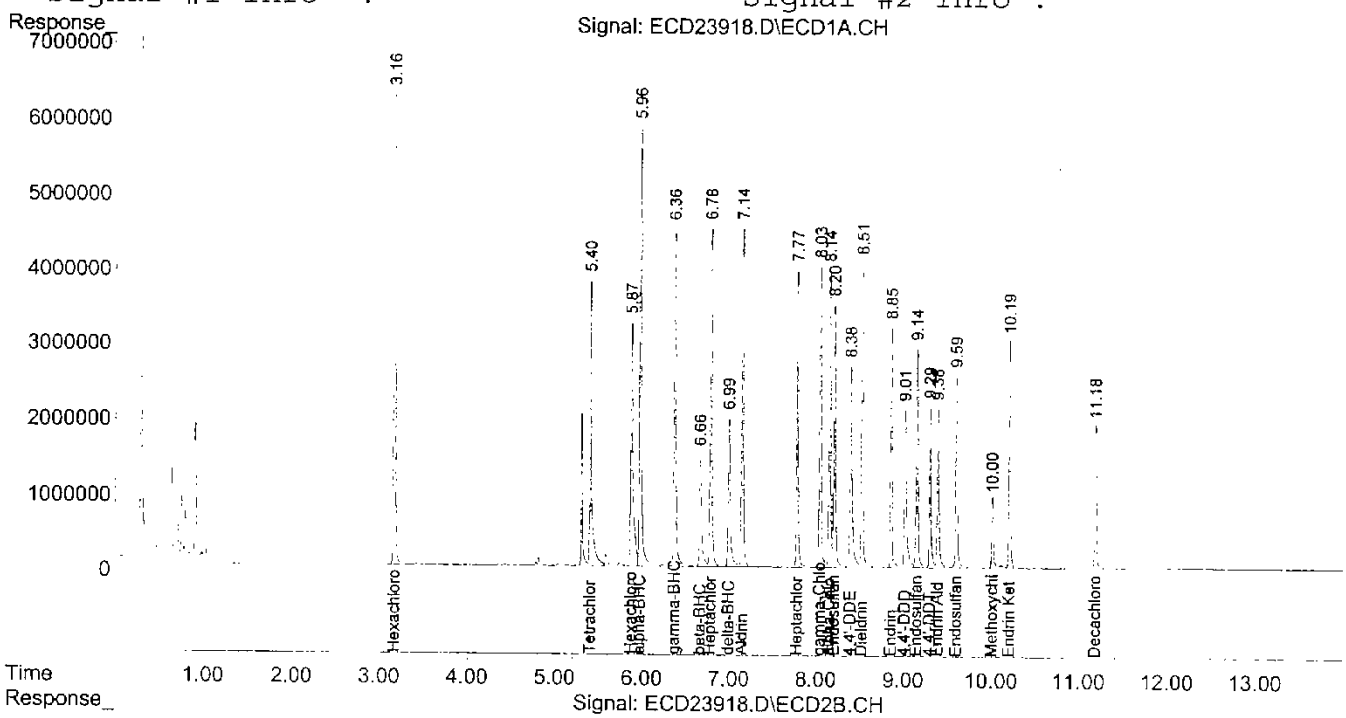
	Column #1			Column #2		
Name	Ret Time	Std RT		Ret Time	Std RT	
Hexachlorobutadiene	3.160	3.160	PASS	4.160	4.160	PASS
Tetrachloro-m-xylene (S)	5.403	5.403	PASS	6.436	6.435	PASS
alpha-BHC	5.965	5.965	PASS	6.941	6.941	PASS
Hexachlorobenzene	5.868	5.868	PASS	7.039	7.039	PASS
gamma-BHC (Lindane)	6.359	6.359	PASS	7.336	7.336	PASS
beta-BHC	6.657	6.657	PASS	7.658	7.657	PASS
delta-BHC	6.988	6.988	PASS	7.965	7.965	PASS
Heptachlor	6.778	6.777	PASS	8.040	8.040	PASS
Aldrin	7.140	7.139	PASS	8.414	8.414	PASS
Heptachlor Epoxide	7.771	7.771	PASS	8.905	8.905	PASS
gamma-Chlordane	8.035	8.034	PASS	9.251	9.251	PASS
alpha-Chlordane	8.141	8.141	PASS	9.304	9.304	PASS
Endosulfan I	8.197	8.198	PASS	9.304	9.304	PASS
4,4'-DDE	8.383	8.383	PASS	9.462	9.462	PASS
Dieldrin	8.513	8.513	PASS	9.621	9.622	PASS
Endrin	8.850	8.850	PASS	9.865	9.865	PASS
4,4'-DDD	9.008	9.007	PASS	10.006	10.005	PASS
Endosulfan II	9.141	9.140	PASS	10.140	10.139	PASS
4,4'-DDT	9.293	9.294	PASS	10.311	10.311	PASS
Endrin Aldehyde	9.381	9.382	PASS	10.248	10.248	PASS
Endosulfan Sulfate	9.593	9.592	PASS	10.520	10.520	PASS
Methoxychlor	10.001	10.001	PASS	10.717	10.717	PASS
Endrin Ketone	10.195	10.195	PASS	10.906	10.906	PASS
Decachlorobiphenyl (S)	11.179	11.179	PASS	12.363	12.364	PASS

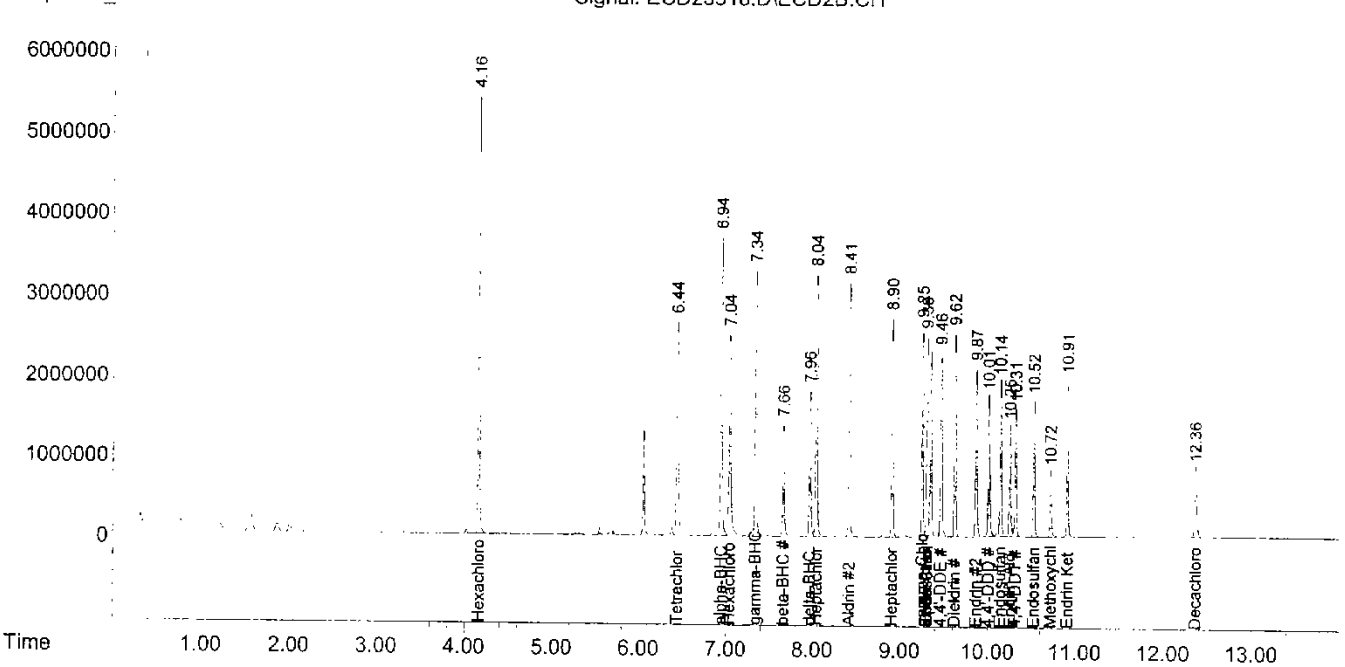
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23918.D\ECD1A.CH Vial: 18
Signal #2 : L:\DATA\070403_A\ECD23918.D\ECD2B.CH
Acq On : 4-3-2007 08:55:20 PM Operator: STM
Sample : LCS 580-17226/2-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:01 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23919.D\ECD1A.CH Vial: 19
Signal #2 : L:\DATA\070403_A\ECD23919.D\ECD2B.CH
Acq On : 4-3-2007 09:14:43 PM Operator: STM
Sample : LCSD 580-17226/3-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:03:28 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.44	53104520	35459871	19.663	19.155	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	98.31%	95.78%	
26)	SR	Decachlorobiphen	11.18	12.36	24517834	14747097	15.942	19.578	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	79.71%	97.89%	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	89513563	58489864	17.488	17.025	
3)		alpha-BHC	5.97	6.94	82264042	47563706	20.516	19.115	
4)	T	Hexachlorobenzen	5.87	7.04	54155214	36848534	14.172	18.703	#
5)	M	gamma-BHC (Linda	6.36	7.34	68184442	42287343	19.603	19.732	
6)		beta-BHC	6.66	7.66	26220610	17399834	17.532	18.769	
7)		delta-BHC	6.99	7.96	33213442	22282536	10.429	11.157	
8)	M	Heptachlor	6.78	8.04	65183522	40227400	21.127	20.351	
9)	M	Aldrin	7.14	8.41	62976627	38129835	20.548	20.328	
10)		Heptachlor Epoxi	7.77	8.90	52394567	32686569	19.871	19.941	
11)		gamma-Chlordane	8.03	9.25	54382398	30805858	20.400	20.168	
12)		alpha-Chlordane	8.14	9.30	51063440	29360634	19.891	19.748	
13)		Endosulfan I	8.20	9.30	49727738	29360634	20.913	20.295	
14)		4,4'-DDE	8.38	9.46	45043950	28550027	19.490	20.948	
15)	M	Dieldrin	8.51	9.62	52832550	30110716	20.955	20.670	
16)	M	Endrin	8.85	9.87	39002791	25159614	21.006	20.576	
17)		4,4'-DDD	9.01	10.01	37473566	22535701	18.742	20.117	
18)		Endosulfan II	9.14	10.14	41828223	23310409	20.637	19.787	
19)	M	4,4'-DDT	9.29	10.31	29722821	19089616	21.691	21.867	
20)		Endrin Aldehyde	9.38	10.25	31515703	17078211	20.090	18.949	
21)		Endosulfan Sulfa	9.59	10.52	35921015	19765976	19.460	18.158	
22)		Methoxychlor	10.00	10.72	14082275	9402874	23.301	20.678	
23)		Endrin Ketone	10.20	10.91	40767855	21653921	20.519	20.351	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name	ECD23919.D
Sample Name	LCSD 580-17226/3-AA
RT STD File Name	ECD22089.D

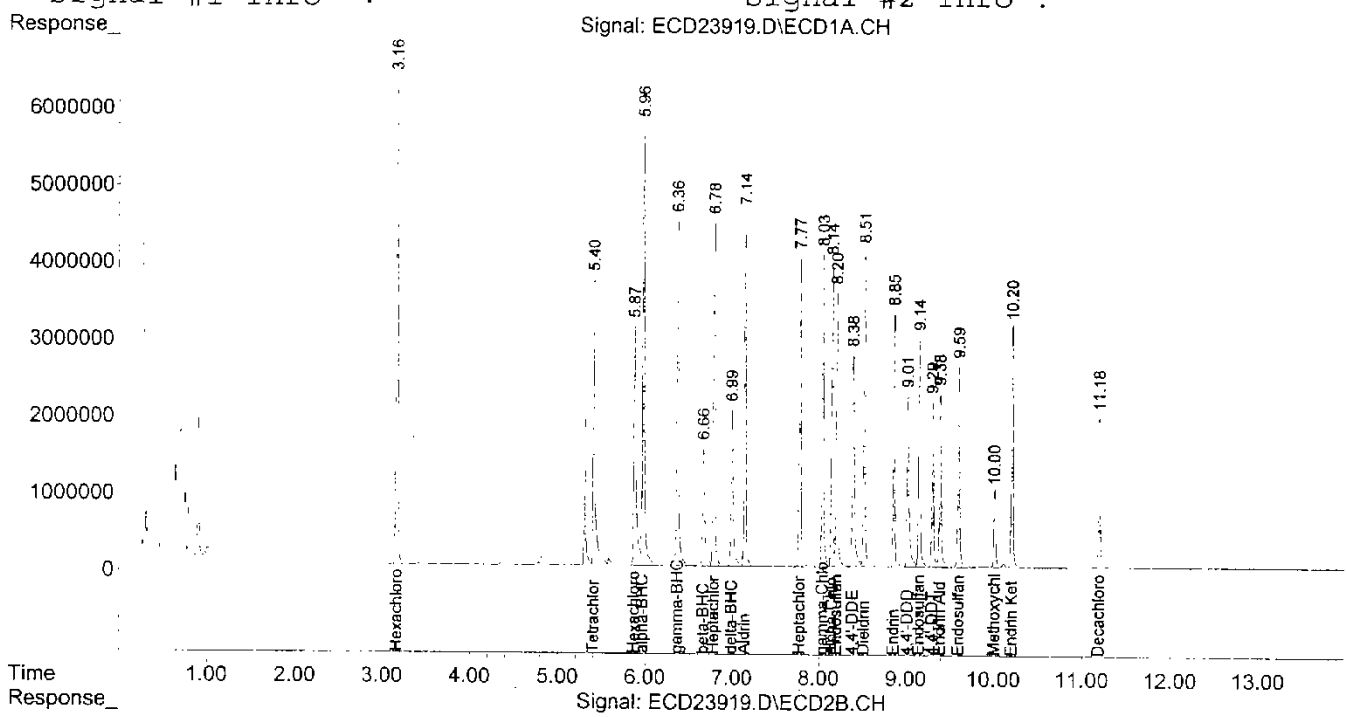
	Column #1			Column #2		
Name	Ret Time	Std RT		Ret Time	Std RT	
Hexachlorobutadiene	3.160	3.160	PASS	4.160	4.160	PASS
Tetrachloro-m-xylene (S)	5.403	5.403	PASS	6.436	6.435	PASS
alpha-BHC	5.965	5.965	PASS	6.941	6.941	PASS
Hexachlorobenzene	5.868	5.868	PASS	7.039	7.039	PASS
gamma-BHC (Lindane)	6.360	6.359	PASS	7.336	7.336	PASS
beta-BHC	6.657	6.657	PASS	7.658	7.657	PASS
delta-BHC	6.987	6.988	PASS	7.964	7.965	PASS
Heptachlor	6.777	6.777	PASS	8.040	8.040	PASS
Aldrin	7.139	7.139	PASS	8.413	8.414	PASS
Heptachlor Epoxide	7.771	7.771	PASS	8.905	8.905	PASS
gamma-Chlordane	8.034	8.034	PASS	9.251	9.251	PASS
alpha-Chlordane	8.141	8.141	PASS	9.304	9.304	PASS
Endosulfan I	8.197	8.198	PASS	9.304	9.304	PASS
4,4'-DDE	8.383	8.383	PASS	9.462	9.462	PASS
Dieldrin	8.512	8.513	PASS	9.622	9.622	PASS
Endrin	8.850	8.850	PASS	9.866	9.865	PASS
4,4'-DDD	9.007	9.007	PASS	10.006	10.005	PASS
Endosulfan II	9.141	9.140	PASS	10.140	10.139	PASS
4,4'-DDT	9.294	9.294	PASS	10.311	10.311	PASS
Endrin Aldehyde	9.382	9.382	PASS	10.248	10.248	PASS
Endosulfan Sulfate	9.593	9.592	PASS	10.520	10.520	PASS
Methoxychlor	10.002	10.001	PASS	10.717	10.717	PASS
Endrin Ketone	10.195	10.195	PASS	10.906	10.906	PASS
Decachlorobiphenyl (S)	11.180	11.179	PASS	12.364	12.364	PASS

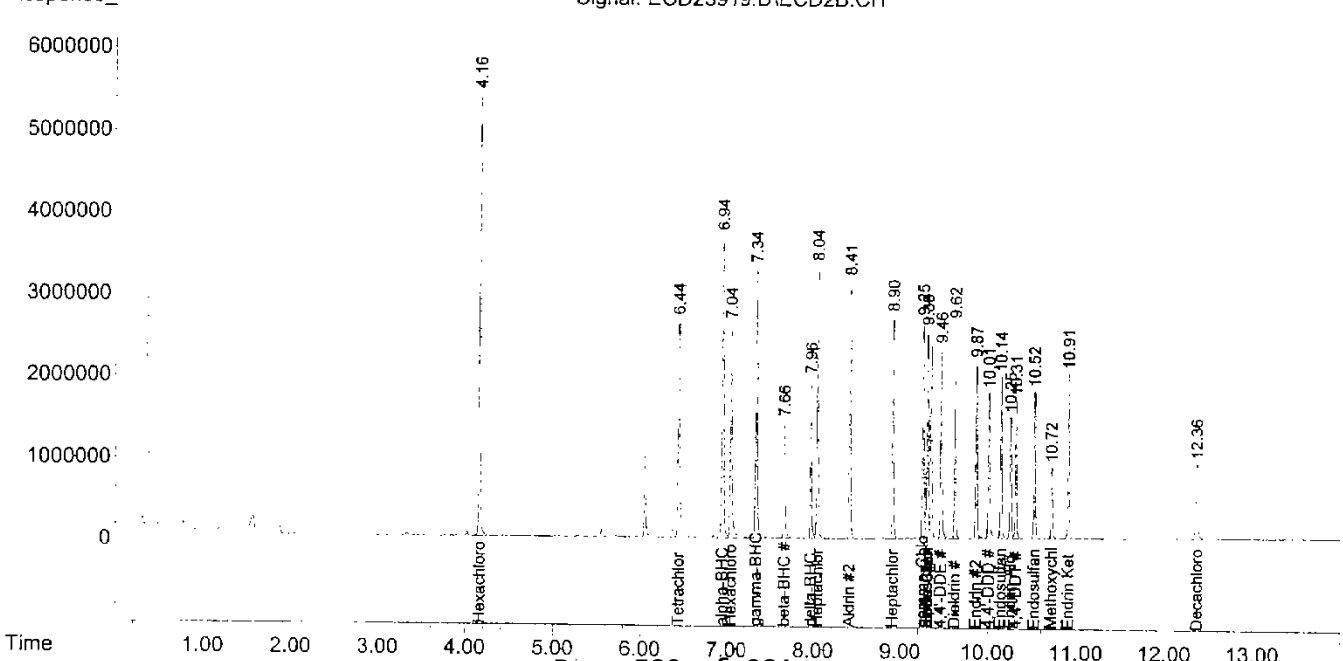
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23919.D\ECD1A.CH Vial: 19
Signal #2 : L:\DATA\070403_A\ECD23919.D\ECD2B.CH
Acq On : 4-3-2007 09:14:43 PM Operator: STM
Sample : LCSD 580-17226/3-AA Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

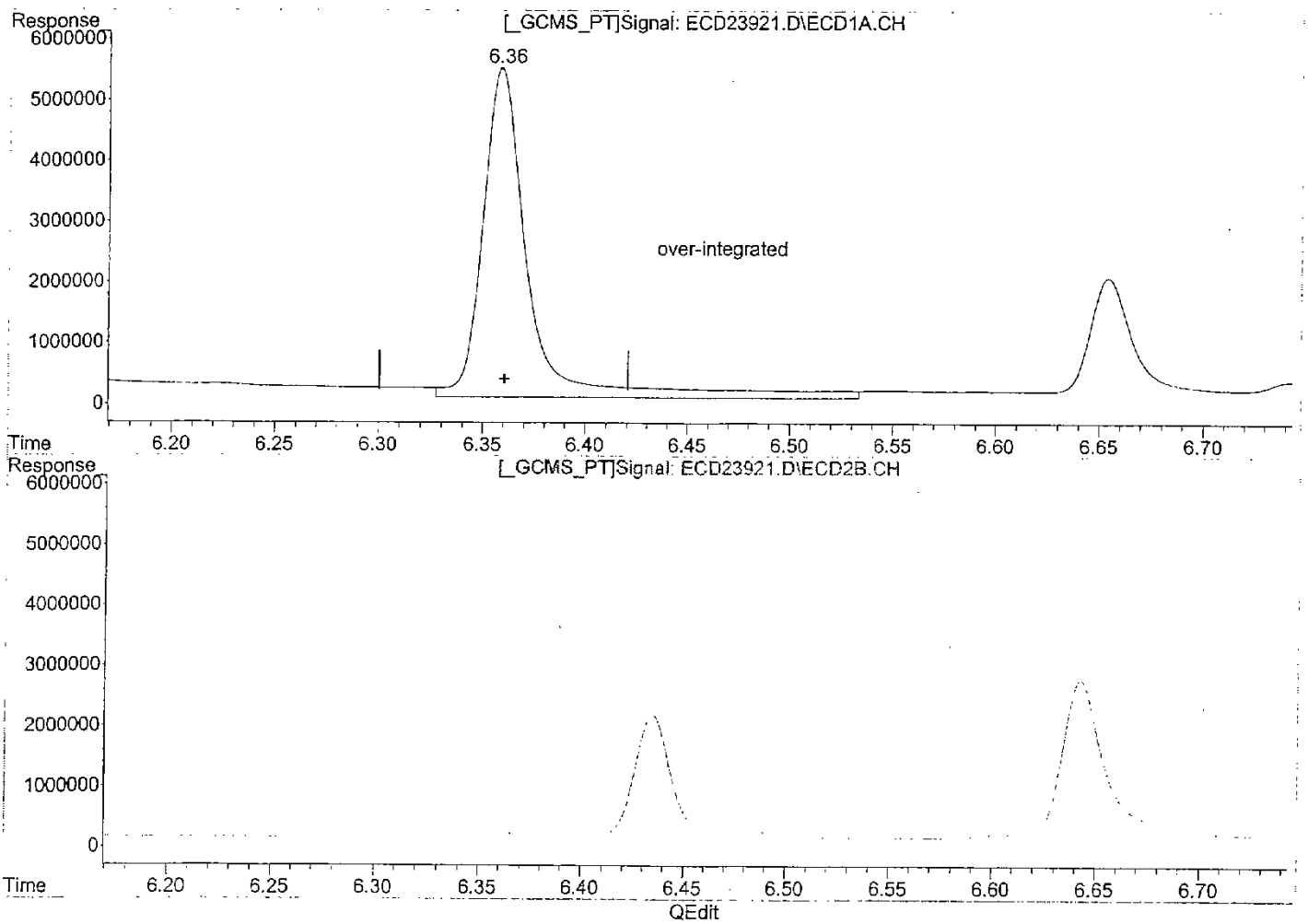




Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.36min 24.470ug/L

response 85116035

(5) gamma-BHC (Lindane) #2 (M)

7.34min 19.867ug/L

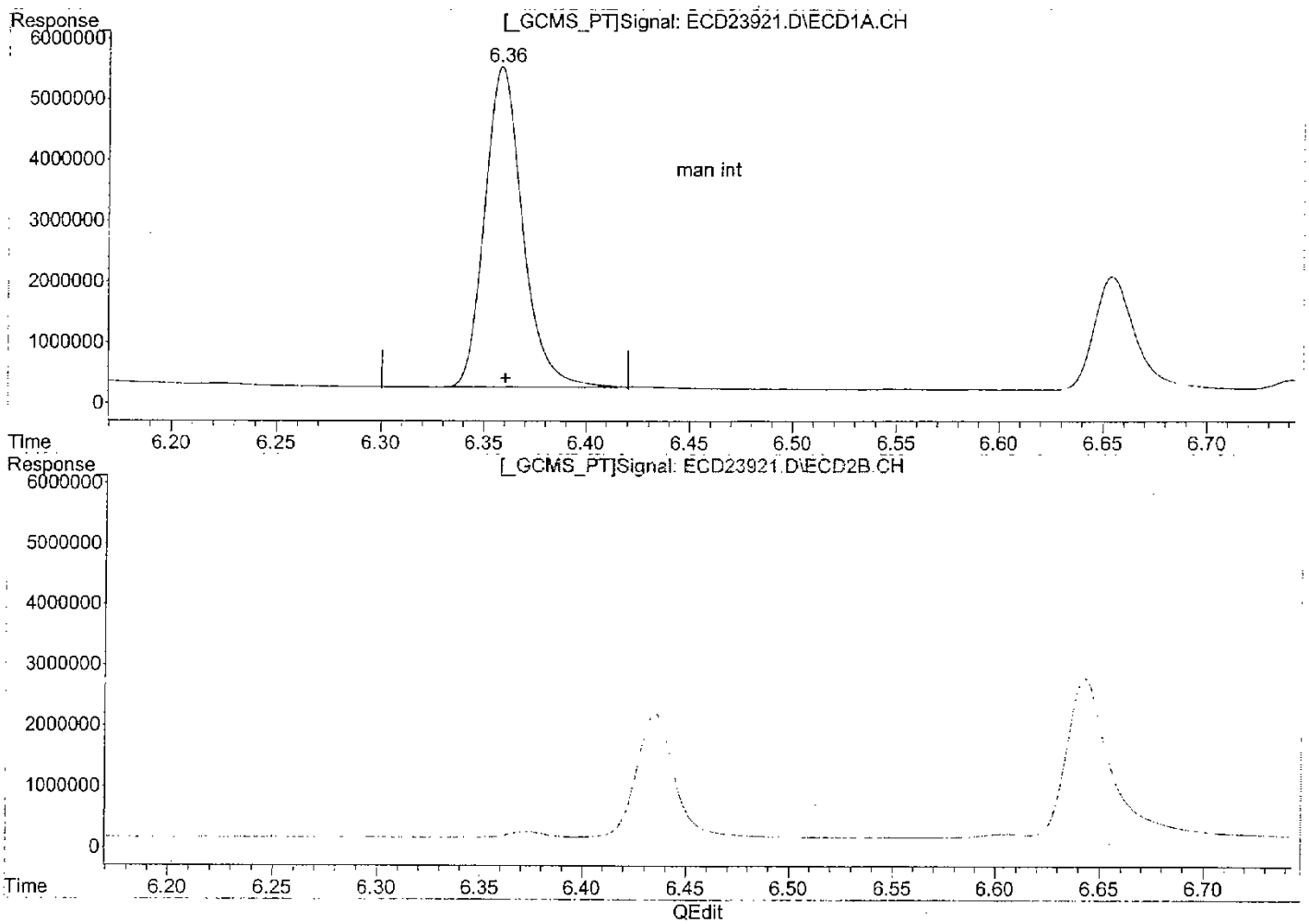
response 42575012

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.36min 19.538ug/L m

response 67960087

(5) gamma-BHC (Lindane) #2 (M)

7.34min 19.867ug/L

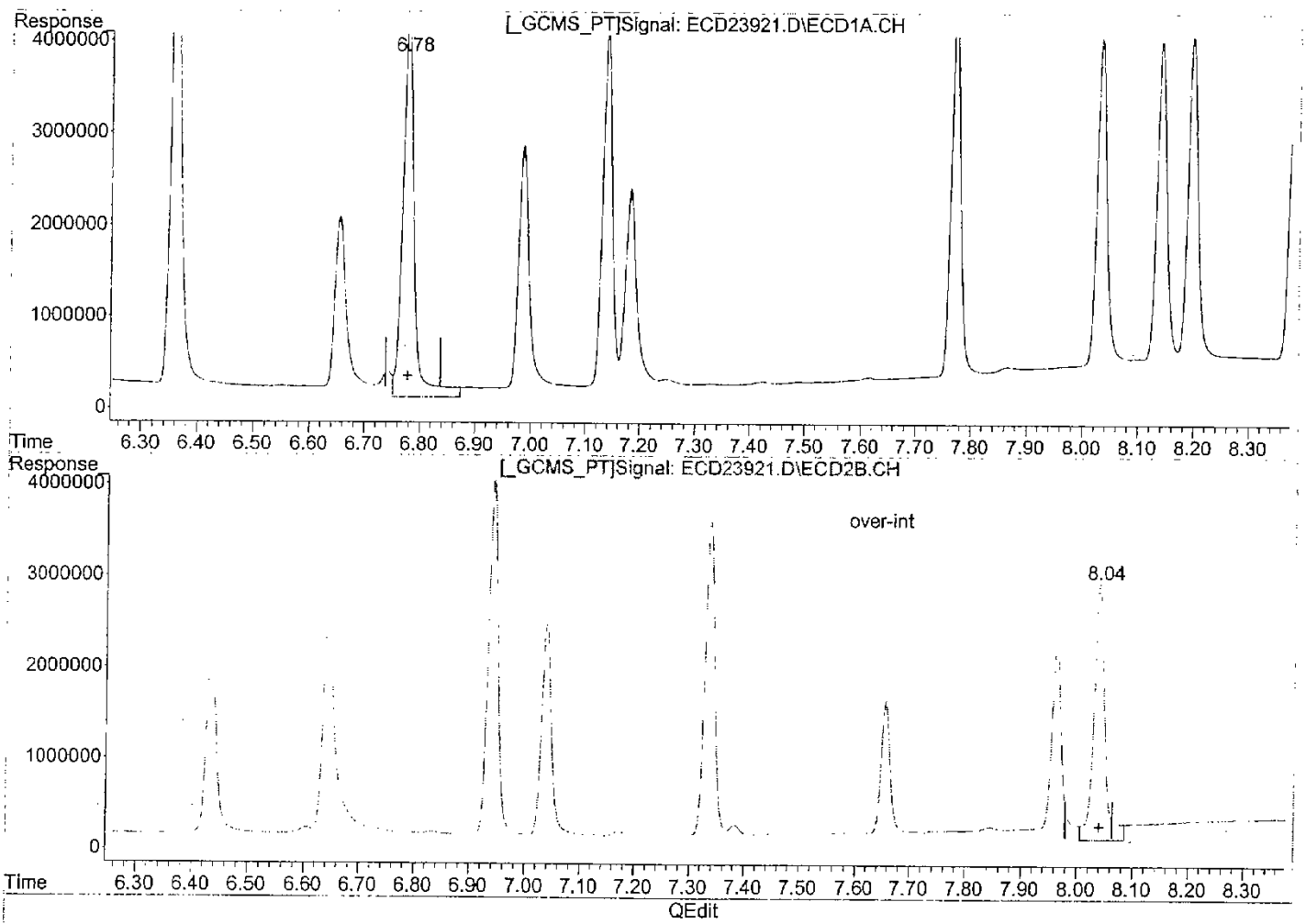
response 42575012

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(8) Heptachlor (M)

6.78min 19.189ug/L

response 59201886

(8) Heptachlor #2 (M)

8.04min 19.829ug/L

response 39195426

(+) = Expected Retention Time

MATIX SPIKE / MATRIX SPIKE DUPLICATE

Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:03:49 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

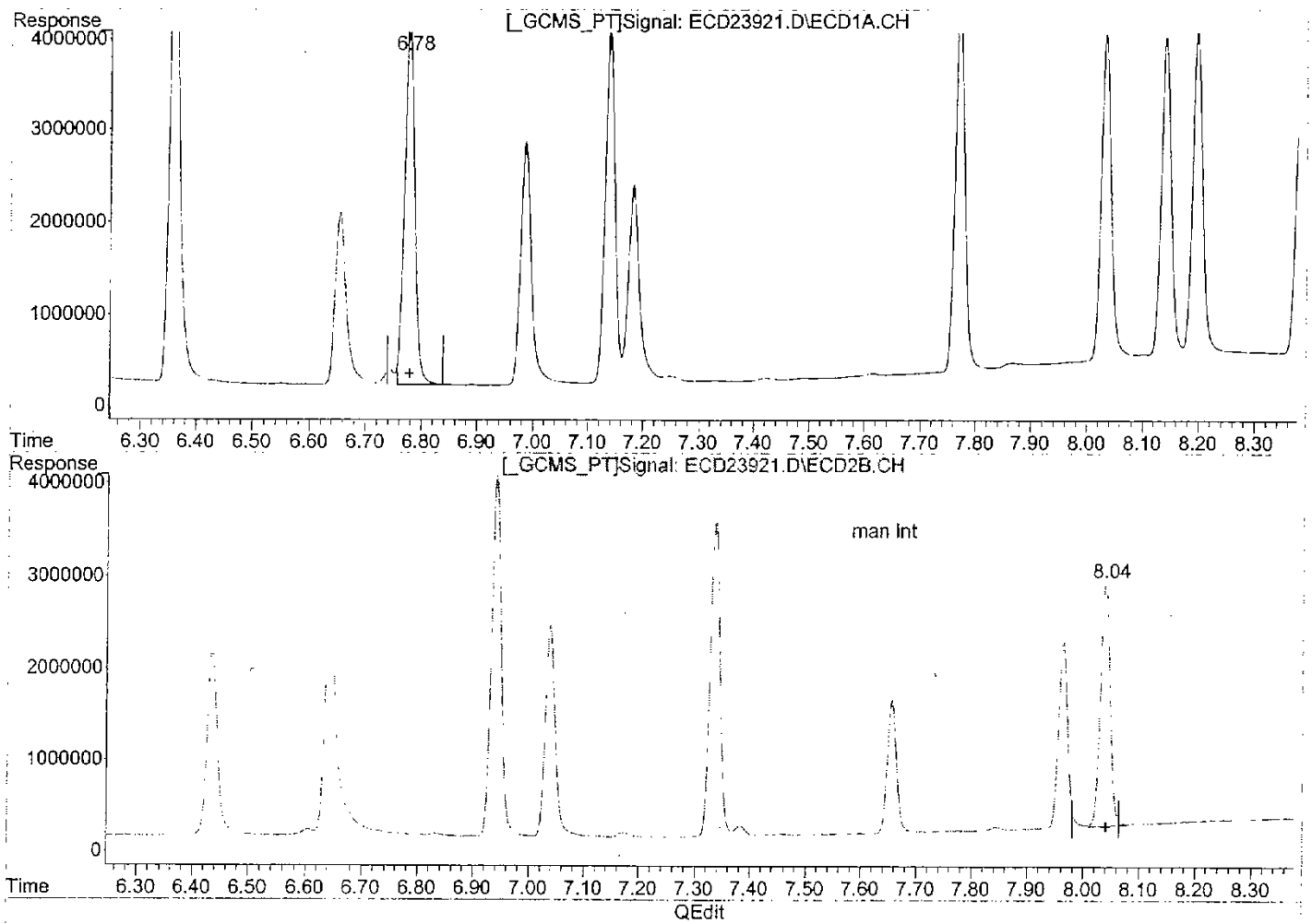
		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.43	53654490	26378171	19.866	14.249 #
		Spiked Amount 20.000	Range 60 - 150			Recovery =	99.33%	71.25%
26)	SR	Decachlorobiphen	11.18	12.36	11627763	6931167	7.561	9.202
		Spiked Amount 20.000	Range 60 - 150			Recovery =	37.81%#	46.01%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.16	79832849	52788557	15.596	15.365
3)		alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4)	T	Hexachlorobenzen	5.87	7.04	54591556	29670893	14.286	15.060
5)	M	gamma-BHC (Linda	6.36	7.34	67960087	42575012	19.538m	19.867
6)		beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7)		delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
8)	M	Heptachlor	6.78	8.04	50724663	31857966	16.441m	16.117m
9)	M	Aldrin	7.14	8.41	52844394	29622510	17.242	15.793m
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
11)		gamma-Chlordane	0.00	0.00	0	0	N.D. d	N.D. d
12)		alpha-Chlordane	8.14	9.30	42228275	24226652	16.450m	16.295
13)		Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
14)		4,4'-DDE	8.38	9.46	71581607	21353948	30.972	15.668 #
15)	M	Dieldrin	8.51	9.62	74723855	27042089	29.638	18.564 #
16)	M	Endrin	0.00	0.00	0	0	N.D. d	N.D. d
17)		4,4'-DDD	9.01	10.00	37283609	19518562	18.647	17.424
18)		Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19)	M	4,4'-DDT	9.29	10.31	20177270	12588752	14.725	14.421
20)		Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
22)		Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
23)		Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(8) Heptachlor (M)

6.78min 16.441ug/L m

response 50724663

(8) Heptachlor #2 (M)

8.04min 16.117ug/L m

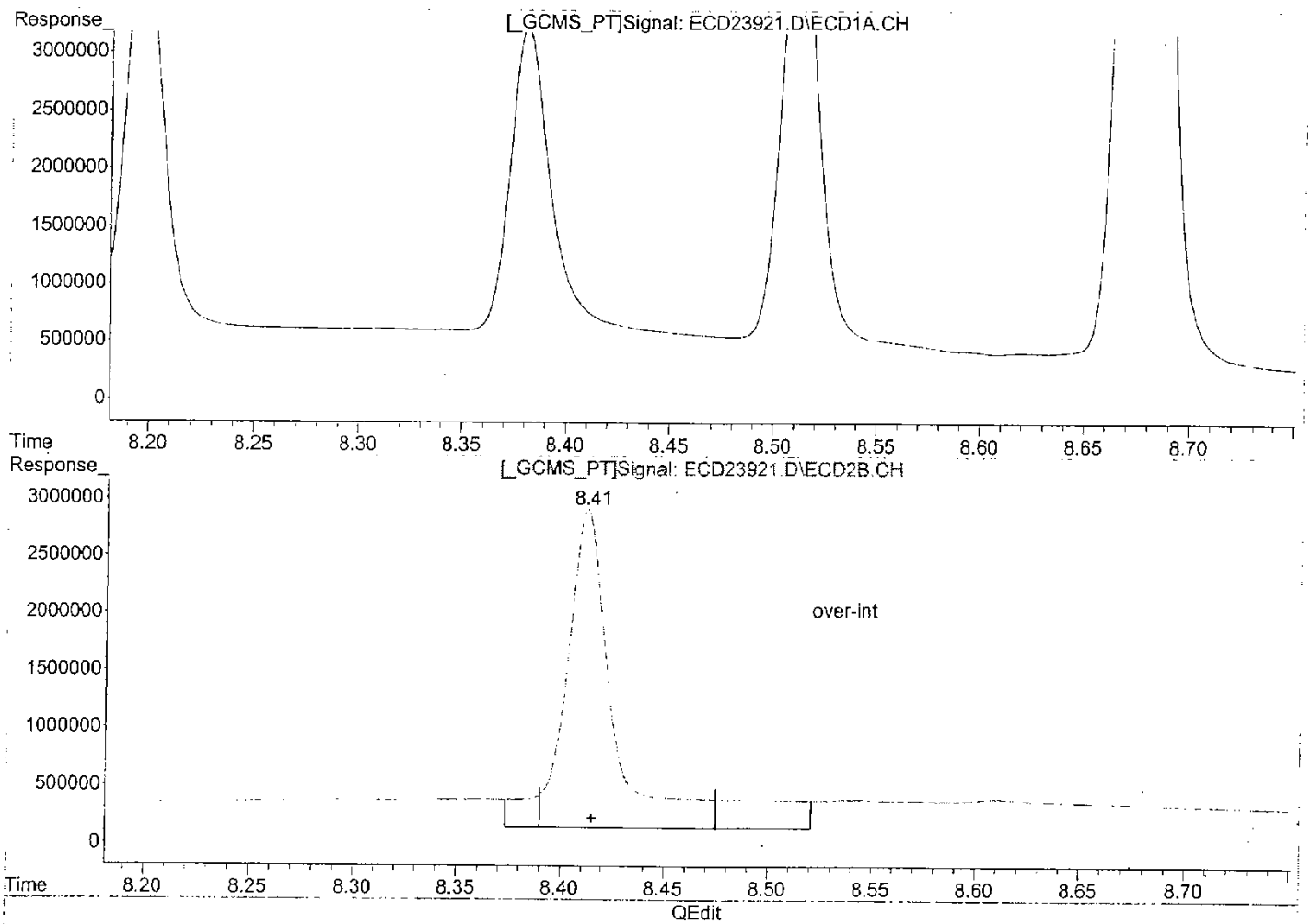
response 31857966

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.14min 17.242ug/L

response 52844394

(9) Aldrin #2 (M)

8.41min 27.526ug/L

response 51630809

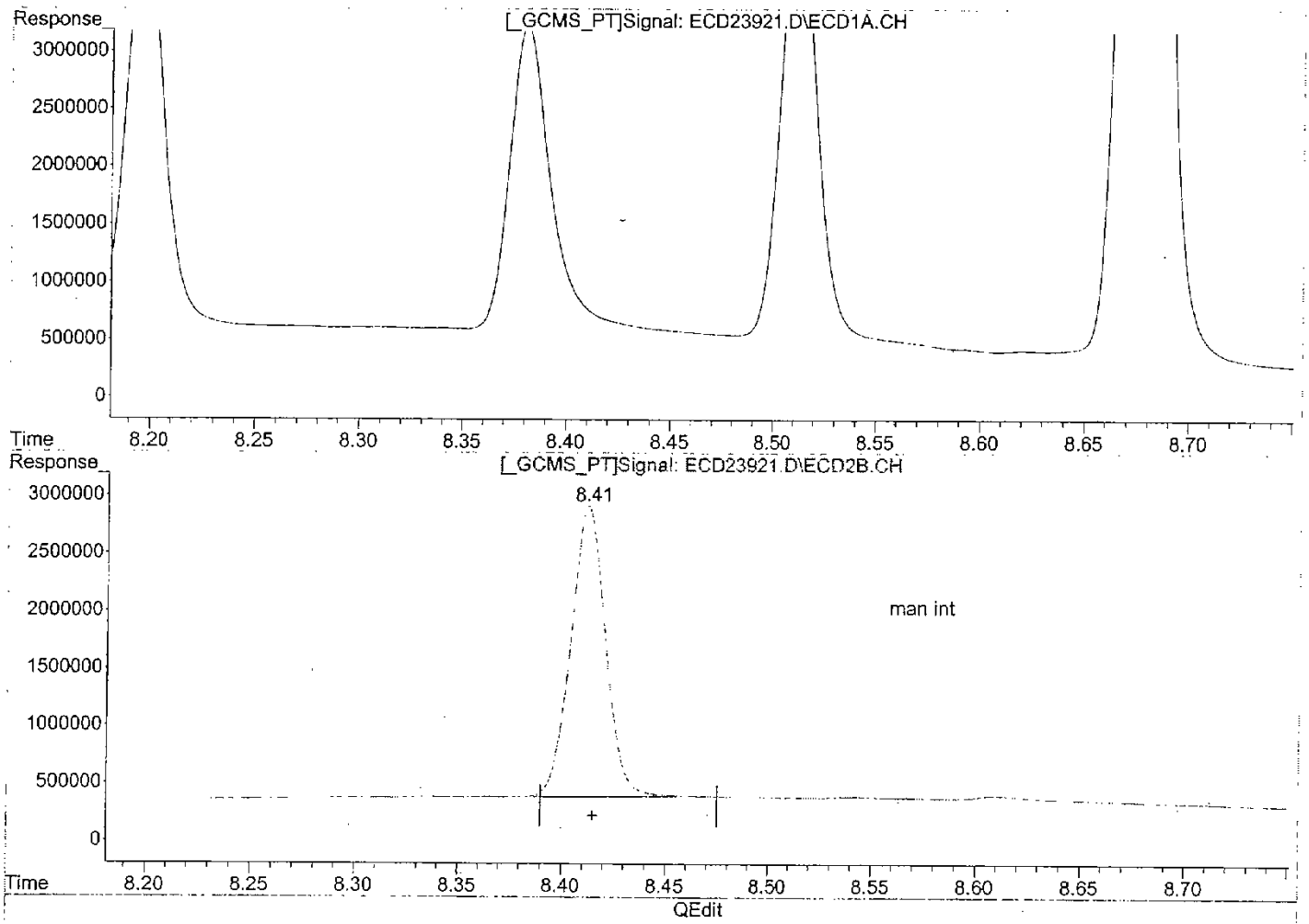
(+) = Expected Retention Time

ECD23921.D 070313_8081.M Wed Apr 04 16:42:15 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.14min 17.242ug/L

response 52844394

(9) Aldrin #2 (M)

8.41min 15.793ug/L m

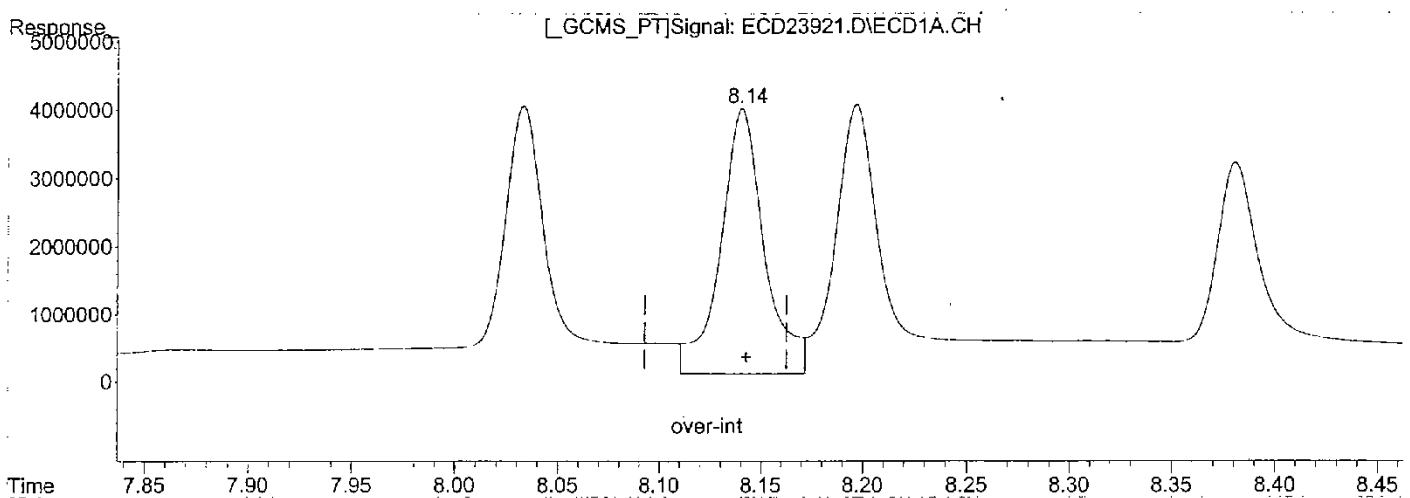
response 29622510

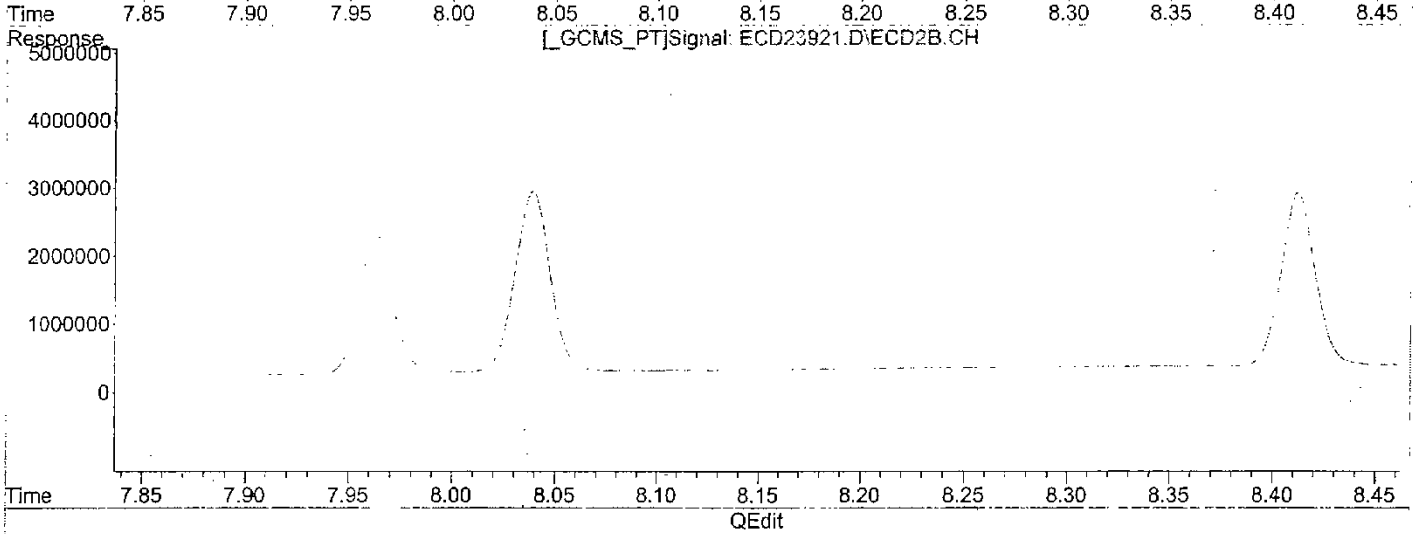
(+) = Expected Retention Time
ECD23921.D 070313_8081.M Wed Apr 04 16:42:26 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration





(12) alpha-Chlordane

8.14min 22.852ug/L

response 58664295

(12) alpha-Chlordane #2

9.30min 16.295ug/L

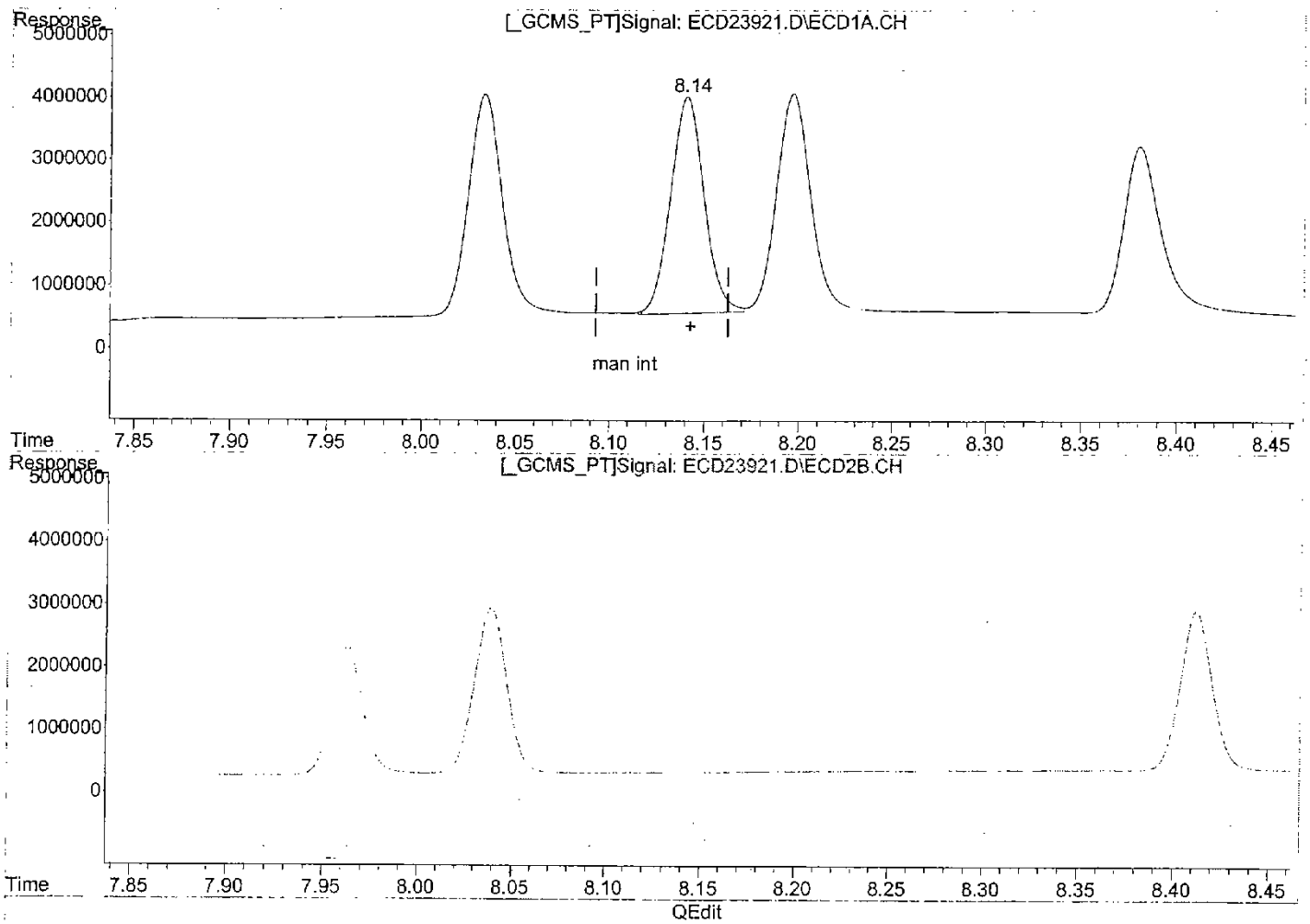
response 24226652

(+) = Expected Retention Time **Page 529 of 931**
ECD23921.D 070313_8081.M Wed Apr 04 16:42:37 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(12) alpha-Chlordane

8.14min 16.450ug/L m

response 42228275

(12) alpha-Chlordane #2

9.30min 16.295ug/L

response 24226652

(+) = Expected Retention Time

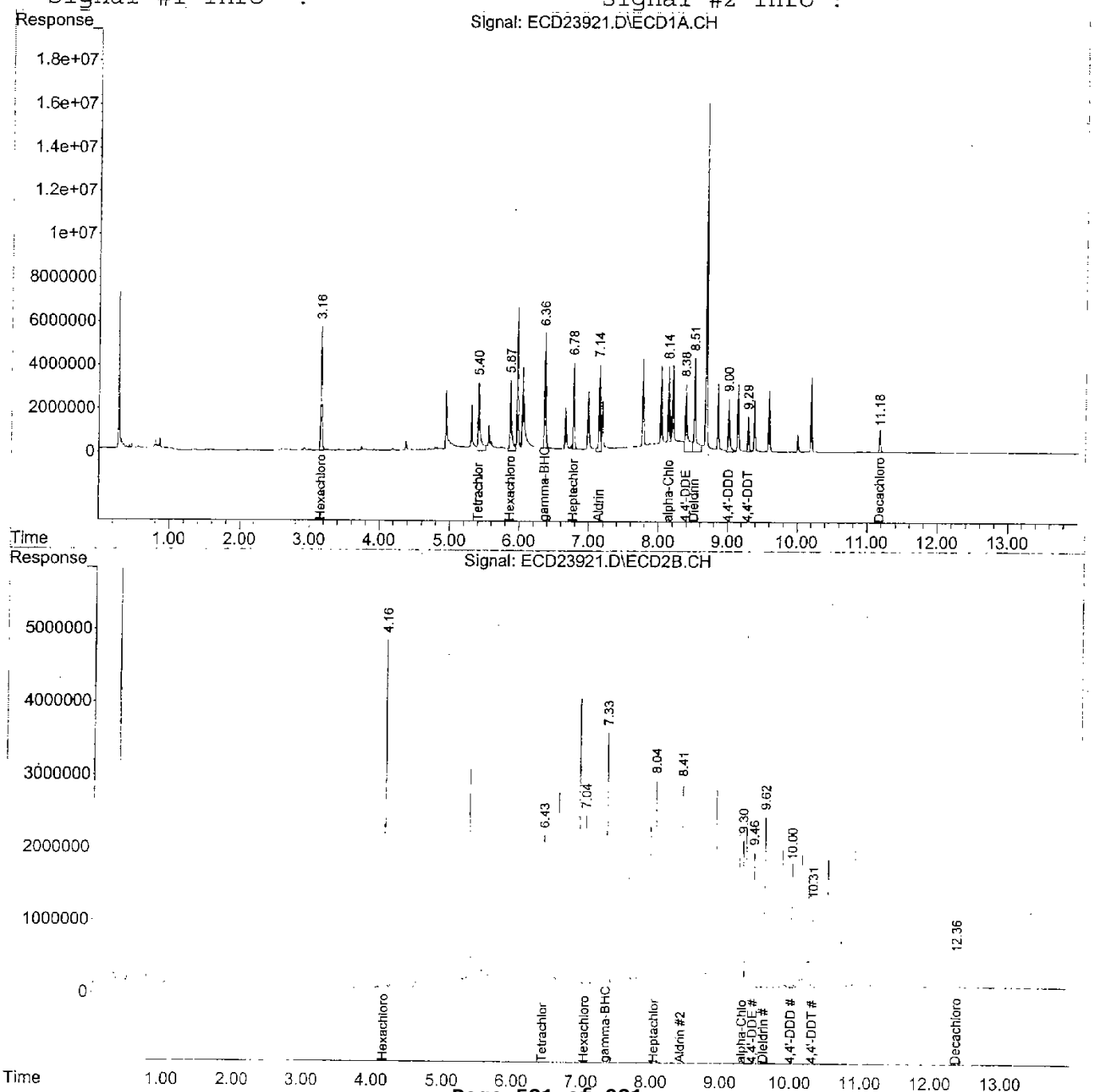
ECD23921.D 070313_8081.M Wed Apr 04 16:42:51 2007 A

Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:42 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:03:49 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
		System Monitoring Compounds							
2)	SR	Tetrachloro-m-xy	5.40	6.43	53654490	26378171	19.866	14.249	#
		Spiked Amount 20.000	Range 60 - 150			Recovery =	99.33%	71.25%	
26)	SR	Decachlorobiphen	11.18	12.36	11627763	6931167	7.561	9.202	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	37.81%#	46.01%#	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	79832849	52788557	15.596	15.365	
3)		alpha-BHC	5.97	6.94	82617147	47406175	20.604	19.052	NTA
4)	T	Hexachlorobenzen	5.87	7.04	54591556	29670893	14.286	15.060	
5)	M	gamma-BHC (Linda	6.36	7.34	85116035	42575012	24.470	19.867	
6)		beta-BHC	6.65	7.66	32046282	21061569	21.427	22.719	NTA
7)		delta-BHC	6.99	7.96	46230122	33263413	14.516	16.655	NTA
8)	M	Heptachlor	6.78	8.04	59201886	39195426	19.189	19.829	
9)	M	Aldrin	7.14	8.41	52844394	51630809	17.242	27.526	#
10)		Heptachlor Epoxi	7.77	8.90	78142055	39829645	29.636	24.299	NTA
11)		gamma-Chlordane	8.03	9.25	87331646	25461242	32.759	16.669	#NTA
12)		alpha-Chlordane	8.14	9.30	58664295	24226652	22.852	16.295	#
13)		Endosulfan I	8.20	9.30	78846373	24226652	33.160	16.746	#NTA
14)		4,4'-DDE	8.38	9.46	71581607	21353948	30.972	15.668	#
15)	M	Dieldrin	8.51	9.62	74723855	27042089	29.638	18.564	#
16)	M	Endrin	8.85	9.86	40358567	22776098	21.736	18.627	NTA
17)		4,4'-DDD	9.01	10.00	37283609	19518562	18.647	17.424	
18)		Endosulfan II	9.14	10.14	41454688	21533417	20.452	18.279	NTA
19)	M	4,4'-DDT	9.29	10.31	20177270	12588752	14.725	14.421	
20)		Endrin Aldehyde	9.38	10.25	30395637	17008417	19.376	18.871	NTA
21)		Endosulfan Sulfa	9.59	10.52	34677835	19561453	18.786	17.970	NTA
22)		Methoxychlor	10.00	10.72	9672459	6959781	16.005	15.305	NTA
23)		Endrin Ketone	10.19	10.91	40330242	21517003	20.299	20.222	
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.	
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
ECD23921.D 070313_8081.M Wed Apr 04 10:09:24 2007

Data File Name	ECD23921.D
Sample Name	580-5453-C-9-B MS
RT STD File Name	ECD22089.D

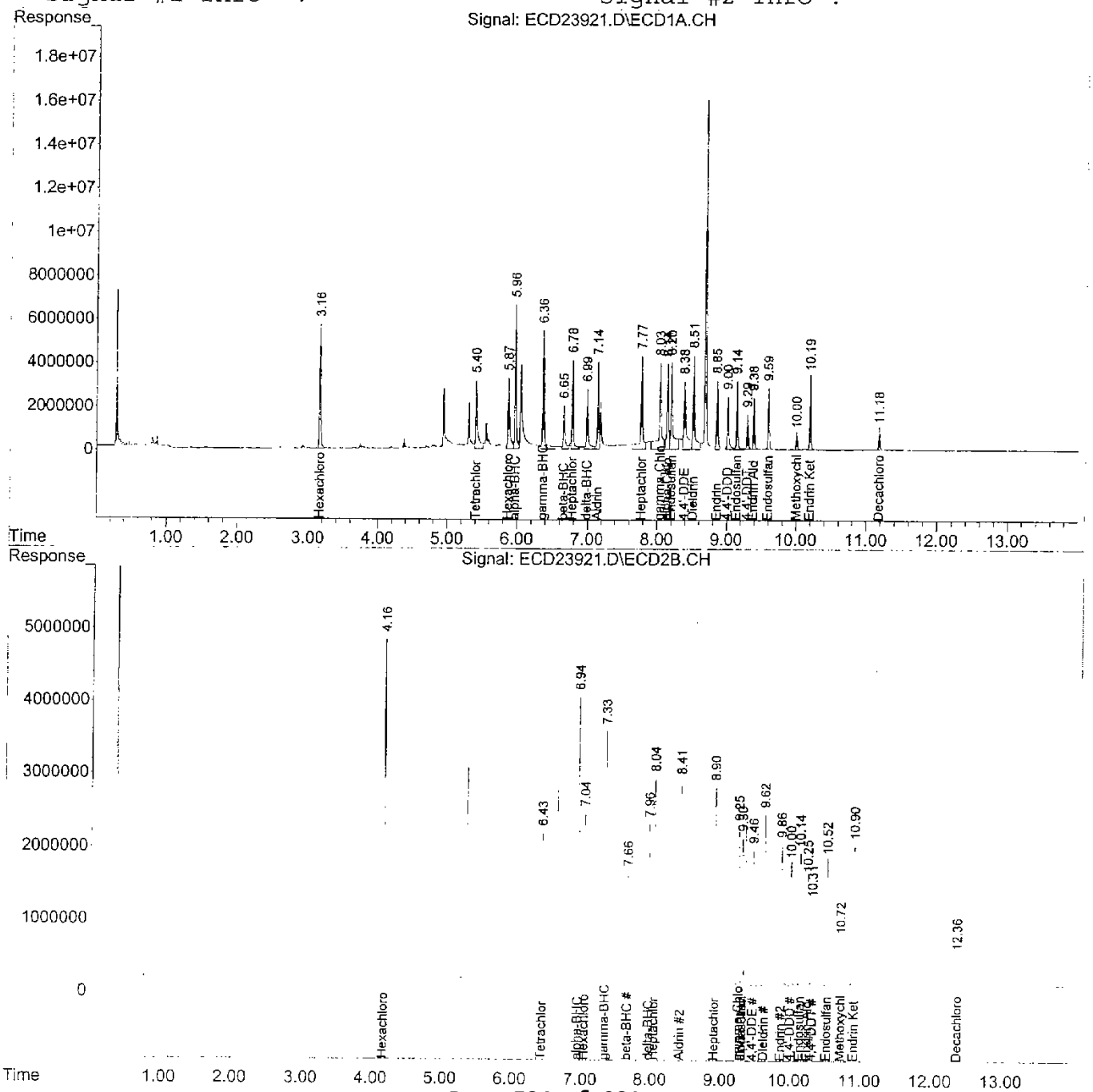
	Column #1			Column #2		
Name	Ret Time	Std RT		Ret Time	Std RT	
Hexachlorobutadiene	3.160	3.160	PASS	4.160	4.160	PASS
Tetrachloro-m-xylene (S)	5.403	5.403	PASS	6.435	6.435	PASS
alpha-BHC	5.965	5.965	PASS	6.940	6.941	PASS
Hexachlorobenzene	5.868	5.868	PASS	7.038	7.039	PASS
gamma-BHC (Lindane)	6.359	6.359	PASS	7.335	7.336	PASS
beta-BHC	6.655	6.657	PASS	7.656	7.657	PASS
delta-BHC	6.986	6.988	PASS	7.963	7.965	PASS
Heptachlor	6.777	6.777	PASS	8.039	8.040	PASS
Aldrin	7.138	7.139	PASS	8.412	8.414	PASS
Heptachlor Epoxide	7.770	7.771	PASS	8.904	8.905	PASS
gamma-Chlordane	8.033	8.034	PASS	9.250	9.251	PASS
alpha-Chlordane	8.141	8.141	PASS	9.303	9.304	PASS
Endosulfan I	8.197	8.198	PASS	9.303	9.304	PASS
4,4'-DDE	8.381	8.383	PASS	9.461	9.462	PASS
Dieldrin	8.512	8.513	PASS	9.621	9.622	PASS
Endrin	8.849	8.850	PASS	9.865	9.865	PASS
4,4'-DDD	9.005	9.007	PASS	10.004	10.005	PASS
Endosulfan II	9.140	9.140	PASS	10.139	10.139	PASS
4,4'-DDT	9.292	9.294	PASS	10.310	10.311	PASS
Endrin Aldehyde	9.380	9.382	PASS	10.247	10.248	PASS
Endosulfan Sulfate	9.592	9.592	PASS	10.520	10.520	PASS
Methoxychlor	10.000	10.001	PASS	10.716	10.717	PASS
Endrin Ketone	10.194	10.195	PASS	10.905	10.906	PASS
Decachlorobiphenyl (S)	11.178	11.179	PASS	12.363	12.364	PASS

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23921.D\ECD1A.CH Vial: 21
Signal #2 : L:\DATA\070403_A\ECD23921.D\ECD2B.CH
Acq On : 4-3-2007 09:53:47 PM Operator: STM
Sample : 580-5453-C-9-B MS Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :



Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:03:57 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

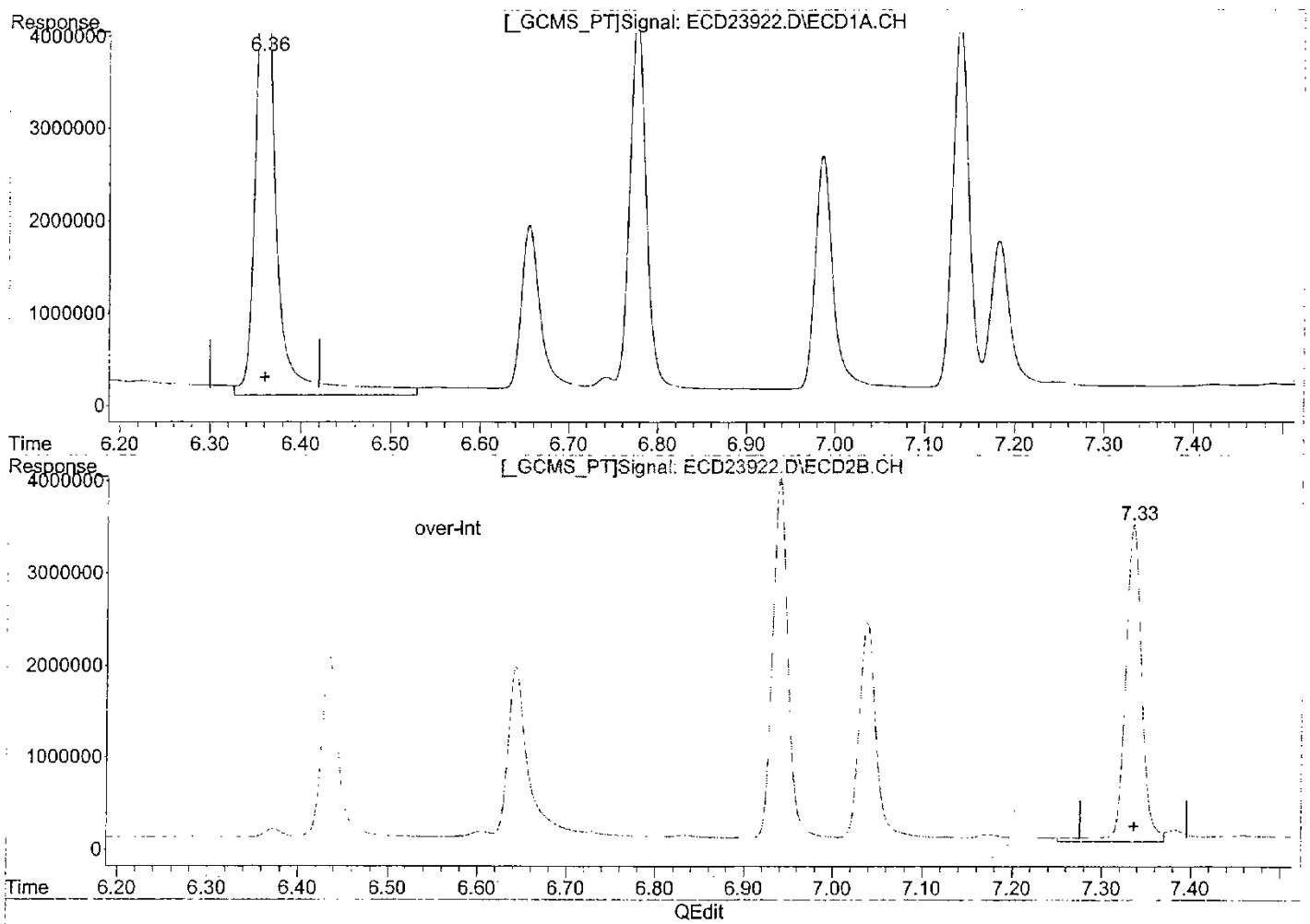
		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.44	50742871	30353091	18.788	16.396
		Spiked Amount 20.000	Range 60 - 150			Recovery =	93.94%	81.98%
26)	SR	Decachlorobiphen	11.18	12.36	10991928	6365237	7.147	8.451
		Spiked Amount 20.000	Range 60 - 150			Recovery =	35.73%#	42.26%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.16	82824207	54253726	16.181	15.792
3)		alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4)	T	Hexachlorobenzen	5.87	7.04	53424116	32963524	13.980	16.731
5)	M	gamma-BHC (Linda	6.36	7.33	68175181	41221776	19.600m	19.235m
6)		beta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
7)		delta-BHC	0.00	0.00	0	0	N.D. d	N.D. d
8)	M	Heptachlor	6.78	8.04	51478092	32106843	16.685m	16.243m
9)	M	Aldrin	7.14	8.41	52661213	30447851	17.182	16.233m
10)		Heptachlor Epoxi	0.00	0.00	0	0	N.D. d	N.D. d
11)		gamma-Chlordane	0.00	0.00	0	0	N.D. d	N.D. d
12)		alpha-Chlordane	8.14	9.30	42525222	24163642	16.565m	16.253
13)		Endosulfan I	0.00	0.00	0	0	N.D. d	N.D. d
14)		4,4'-DDE	8.38	9.46	36434821	21614823	15.765m	15.859
15)	M	Dieldrin	8.51	9.62	46673689	26589430	18.512m	18.253
16)	M	Endrin	0.00	0.00	0	0	N.D. d	N.D. d
17)		4,4'-DDD	9.01	10.00	37413603	19989472	18.712	17.844
18)		Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19)	M	4,4'-DDT	9.29	10.31	17591959	11147401	12.838	12.769
20)		Endrin Aldehyde	0.00	0.00	0	0	N.D. d	N.D. d
21)		Endosulfan Sulfa	0.00	0.00	0	0	N.D. d	N.D. d
22)		Methoxychlor	0.00	0.00	0	0	N.D. d	N.D. d
23)		Endrin Ketone	0.00	0.00	0	0	N.D. d	N.D. d
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(5) gamma-BHC (Lindane) (M)

6.36min 22.790ug/L

response 79272212

(5) gamma-BHC (Lindane) #2 (M)

7.34min 20.656ug/L

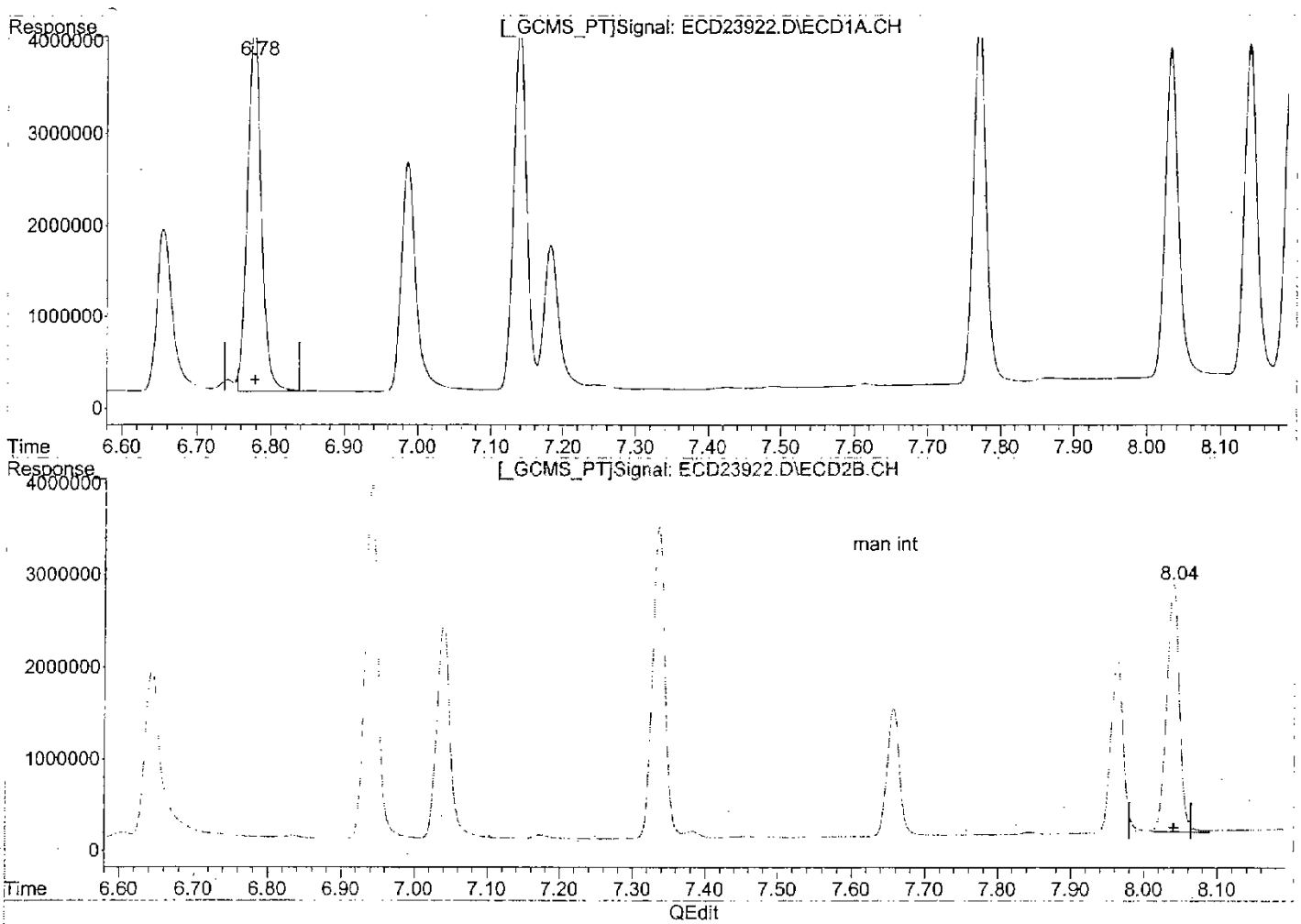
response 44267441

(+) = Expected Retention Time **Page 536 of 931**
ECD23922.D 070313_8081.M Wed Apr 04 16:46:33 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(8) Heptachlor (M)

6.78min 16.685ug/L m

response 51478092

(8) Heptachlor #2 (M)

8.04min 16.243ug/L m

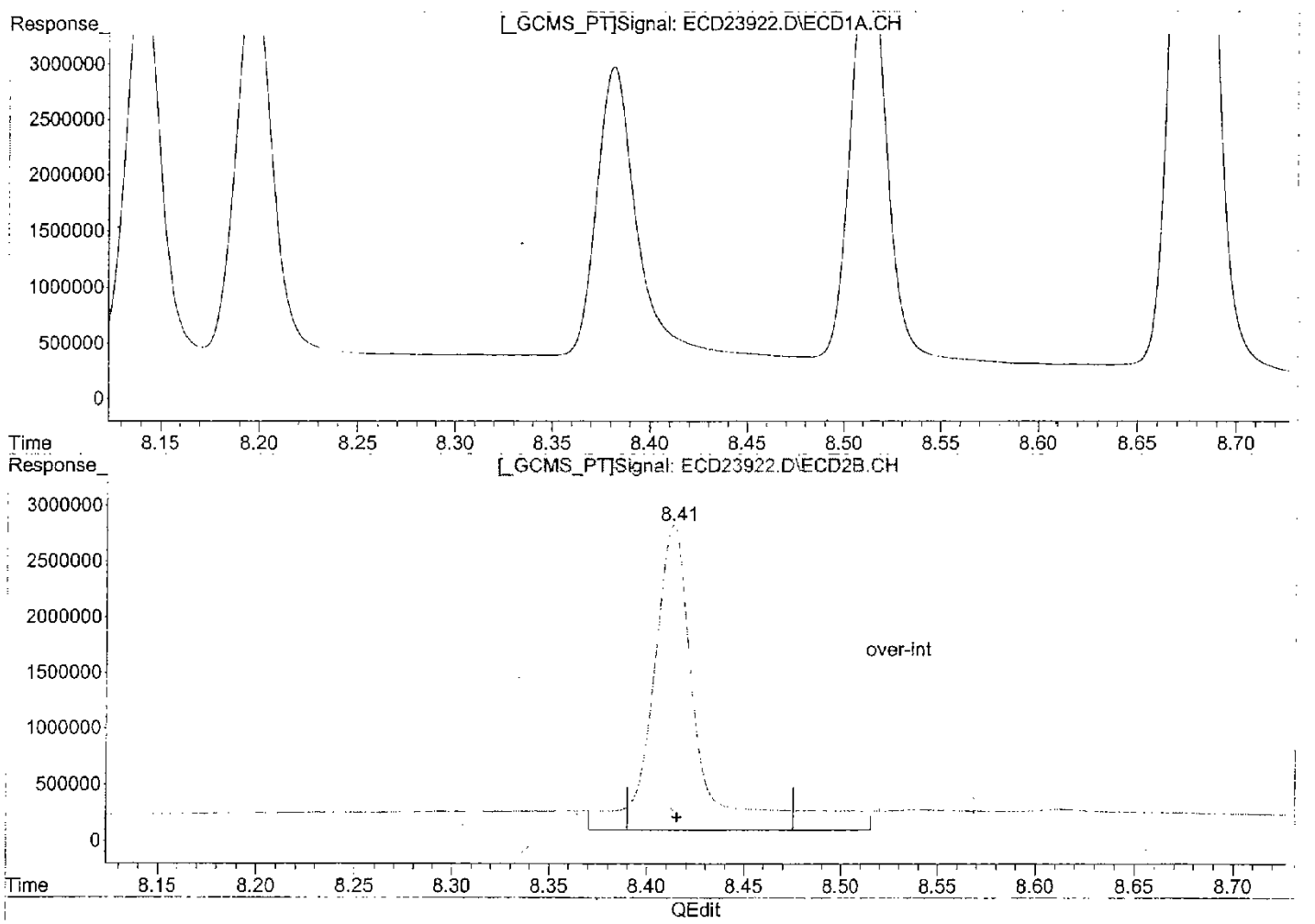
response 32106843

(+) = Expected Retention Time
ECD23922.D 070313_8081.M Wed Apr 04 16:47:21 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.14min 17.182ug/L

response 52661213

(9) Aldrin #2 (M)

8.41min 23.839ug/L

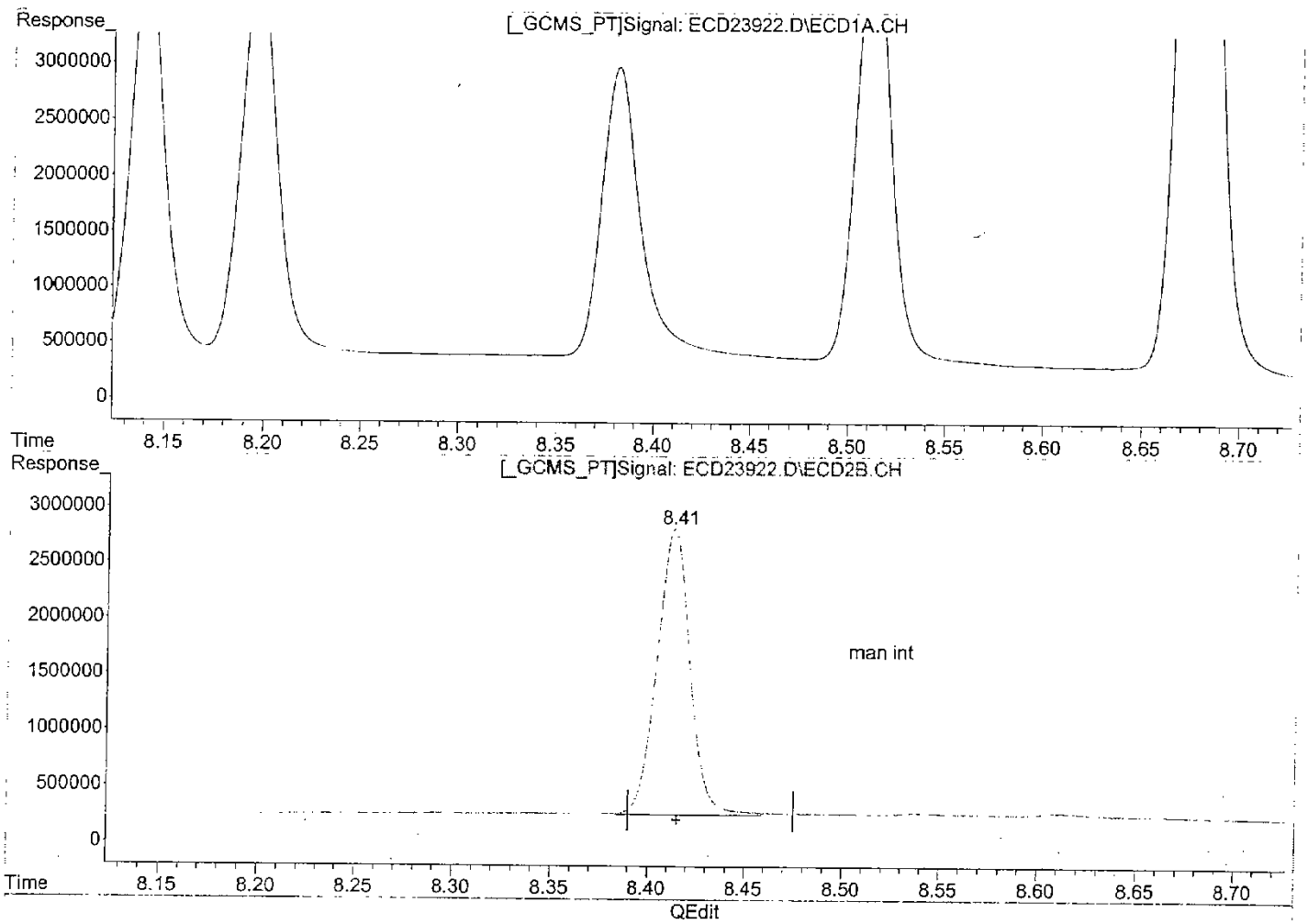
response 44713918

(+) = Expected Retention Time **Page 538 of 931**
ECD23922.D 070313_8081.M Wed Apr 04 16:47:34 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(9) Aldrin (M)

7.14min 17.182ug/L

response 52661213

(9) Aldrin #2 (M)

8.41min 16.233ug/L m

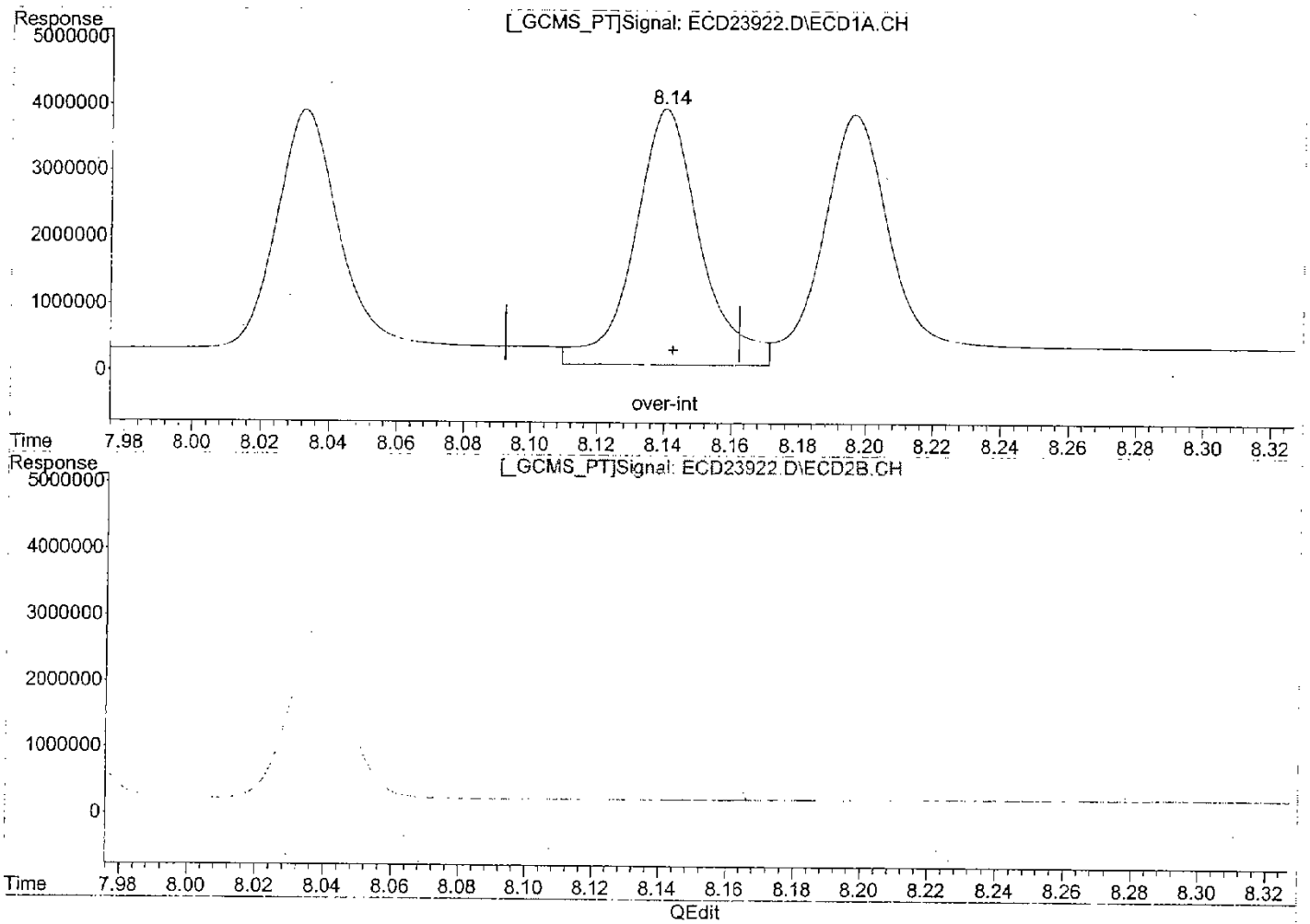
response 30447851

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(12) alpha-Chlordane

8.14min 20.346ug/L

response 52229219

(12) alpha-Chlordane #2

9.30min 16.253ug/L

response 24163642

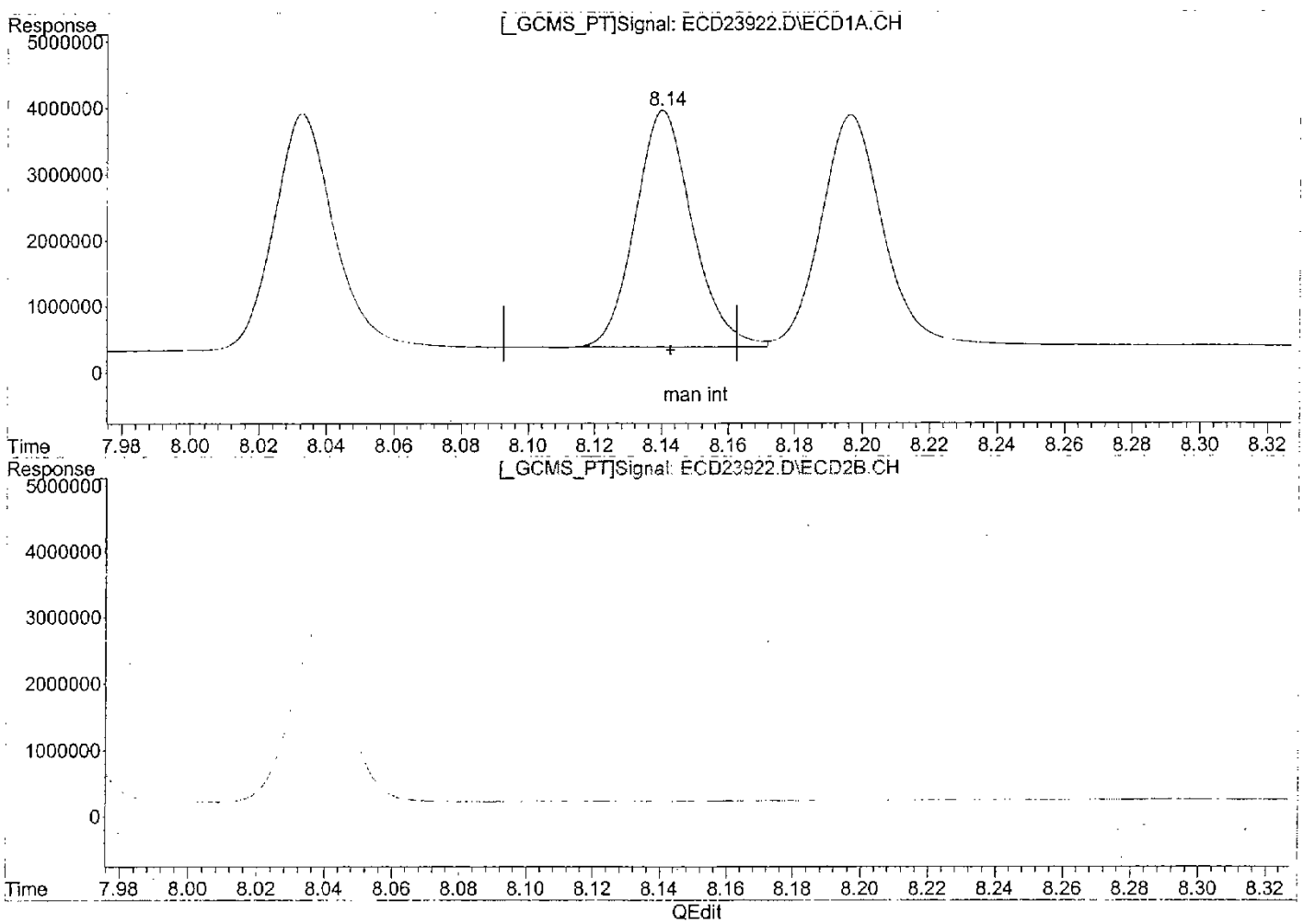
(+) = Expected Retention Time

ECD23922.D 070313_8081.M Wed Apr 04 16:47:56 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(12) alpha-Chlordane

8.14min 16.565ug/L m

response 42525222

(12) alpha-Chlordane #2

9.30min 16.253ug/L

response 24163642

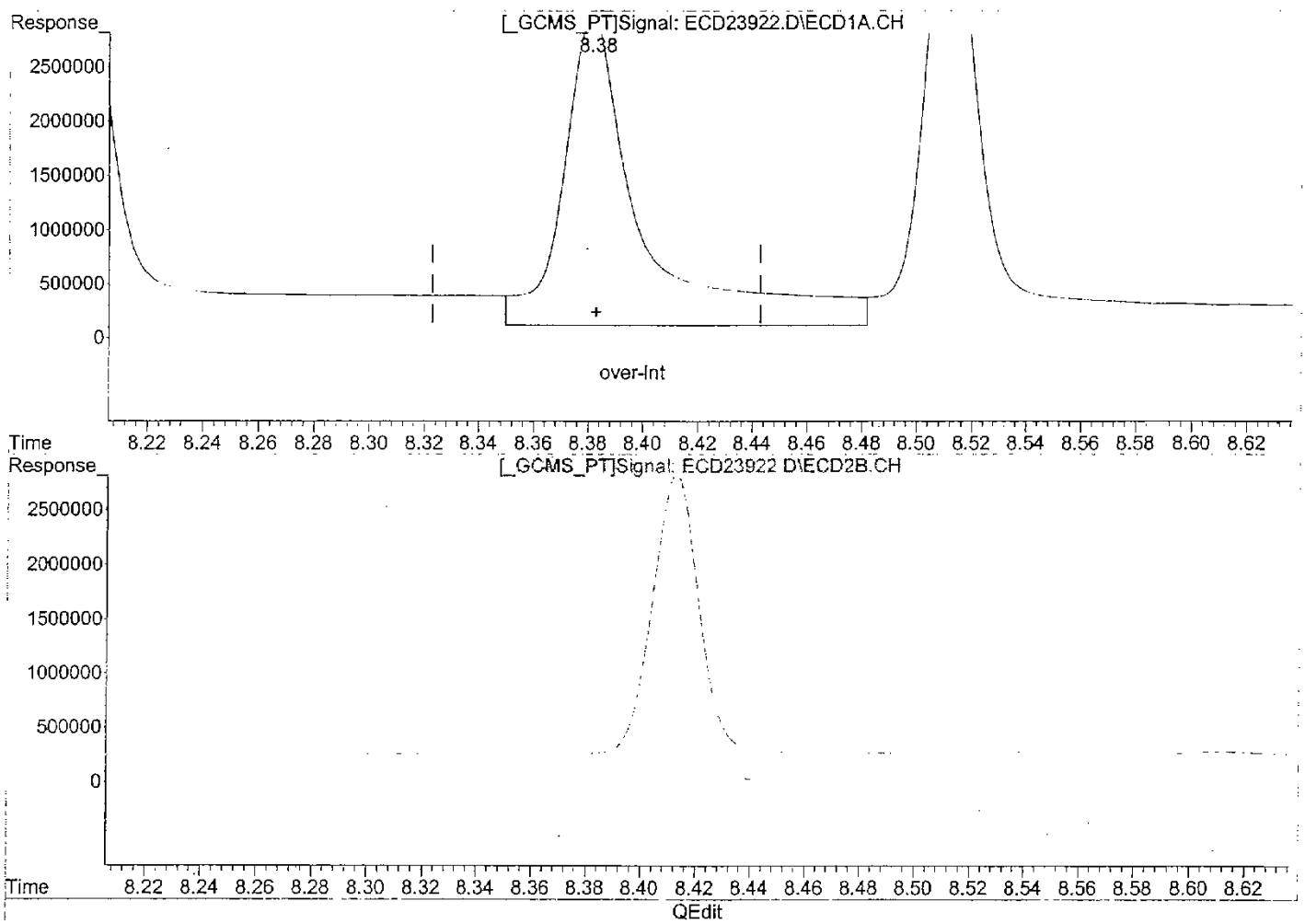
(+) = Expected Retention Time

ECD23922.D 070313_8081.M Wed Apr 04 16:48:07 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(14) 4,4'-DDE

8.38min 25.056ug/L

response 57908511

(14) 4,4'-DDE #2

9.46min 15.859ug/L

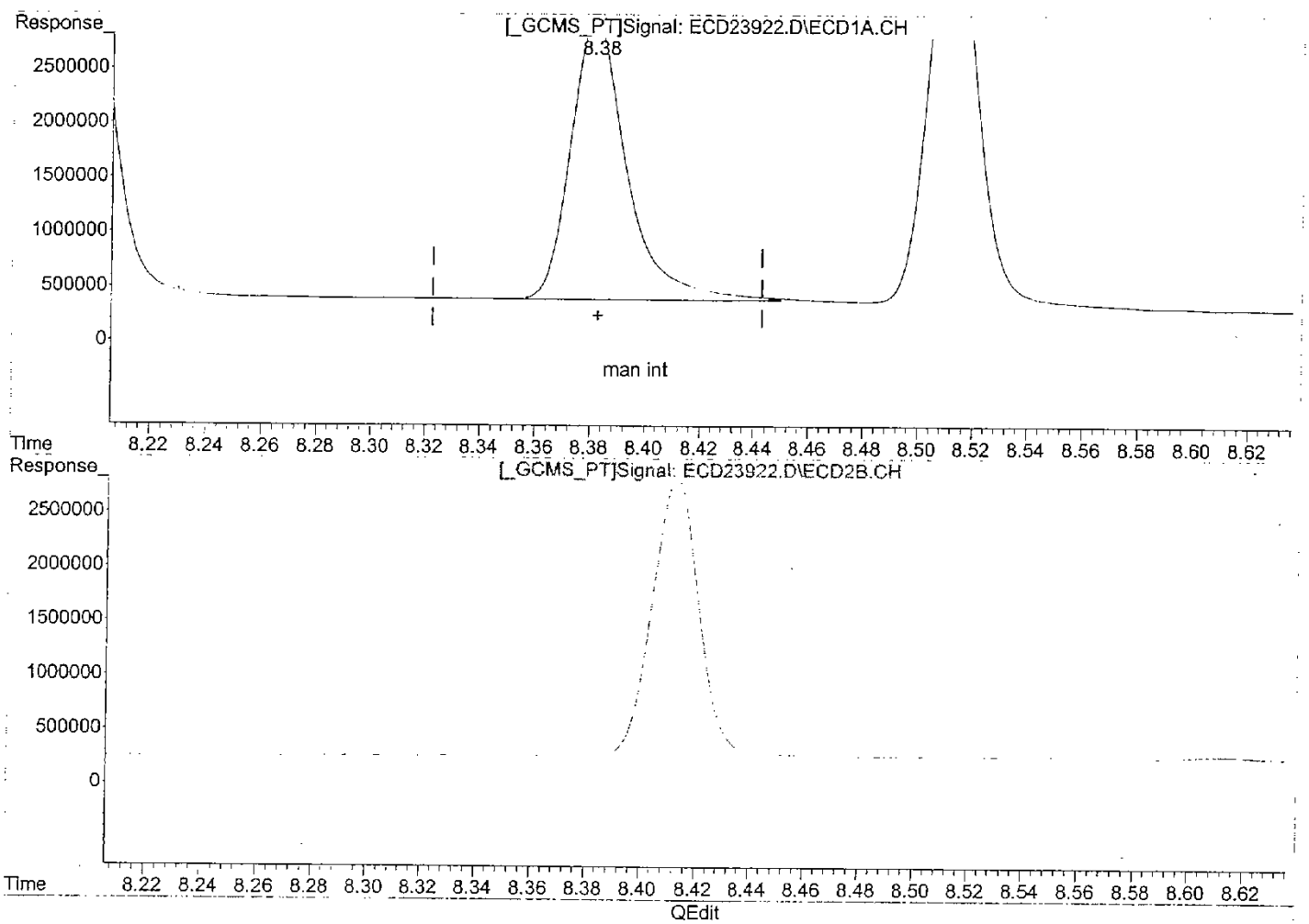
response 21614823

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(14) 4,4'-DDE

8.38min 15.765ug/L m

response 36434821

(14) 4,4'-DDE #2

9.46min 15.859ug/L

response 21614823

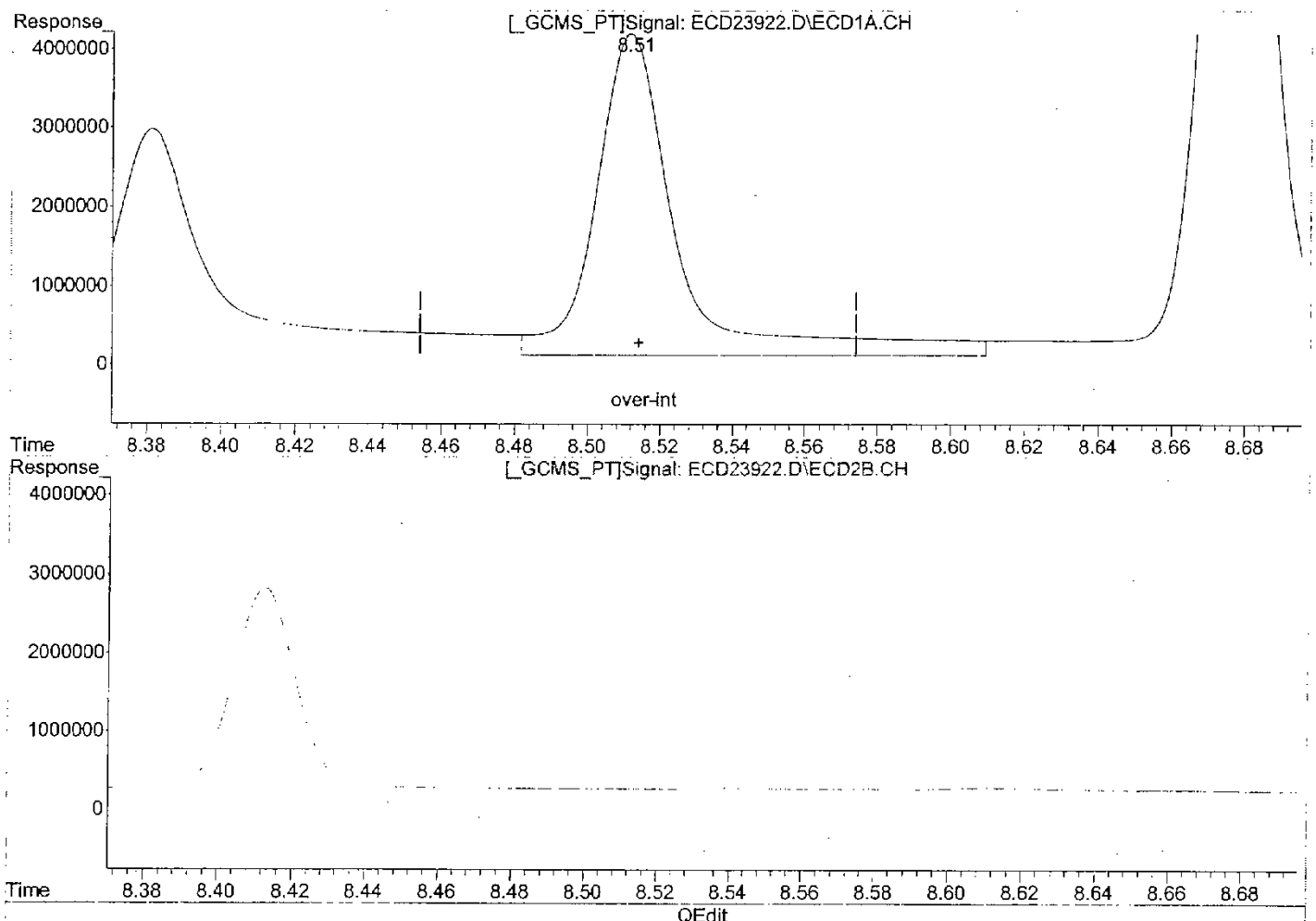
(+) = Expected Retention Time

ECD23922.D 070313_8081.M Wed Apr 04 16:48:34 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(15) Dieldrin (M)

8.51min 25.570ug/L

response 64467355

(15) Dieldrin #2 (M)

9.62min 18.253ug/L

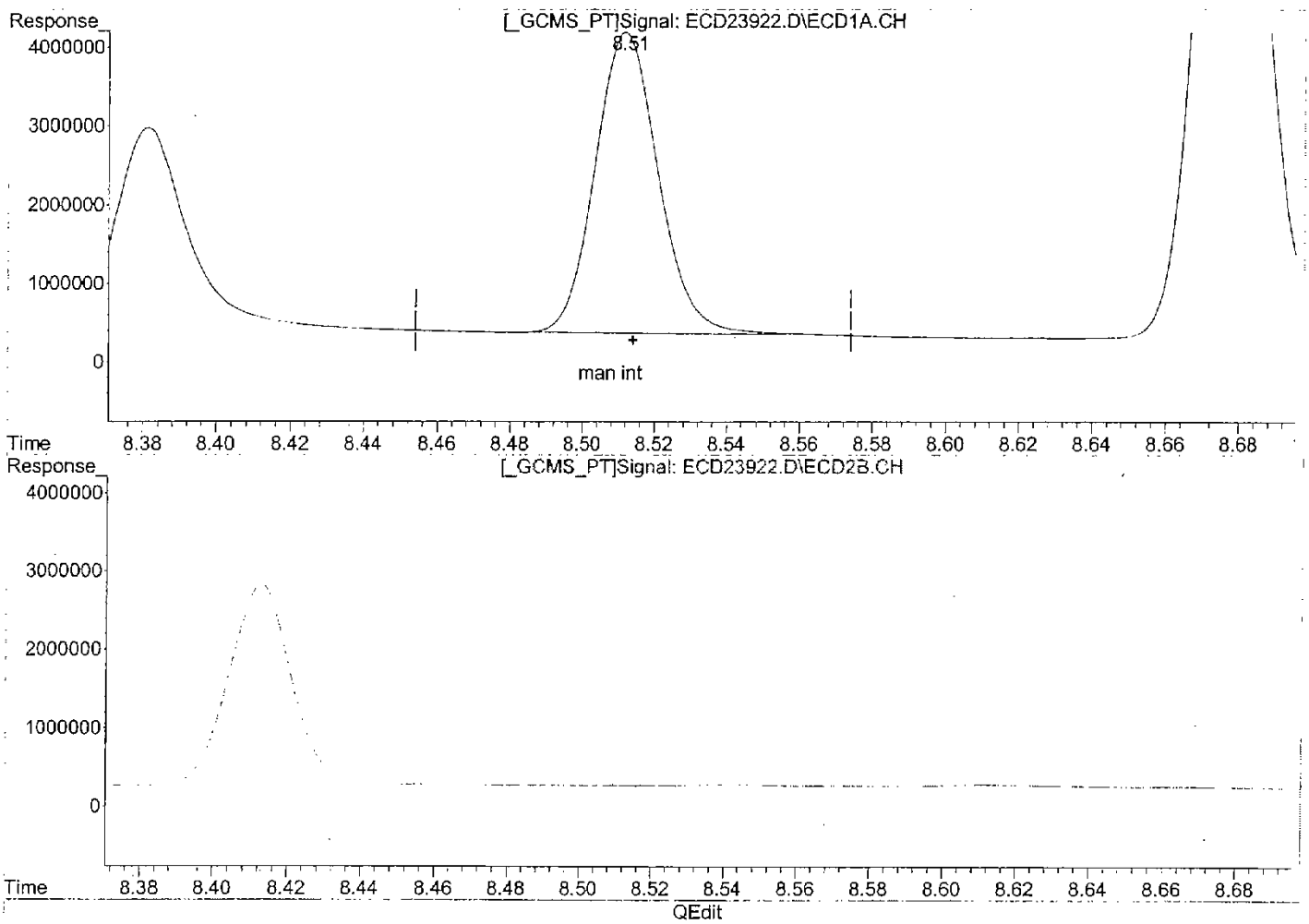
response 26589430

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration



(15) Dieldrin (M)

8.51min 18.512ug/L m

response 46673689

(15) Dieldrin #2 (M)

9.62min 18.253ug/L

response 26589430

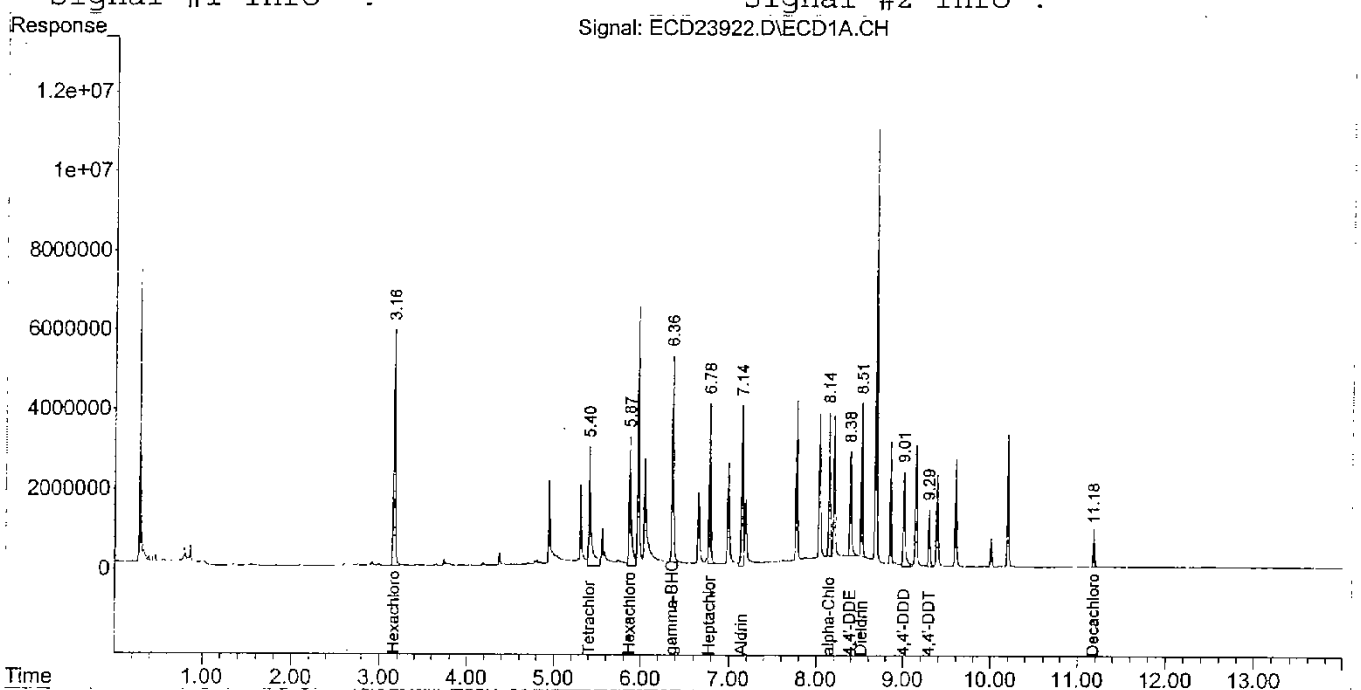
(+) = Expected Retention Time

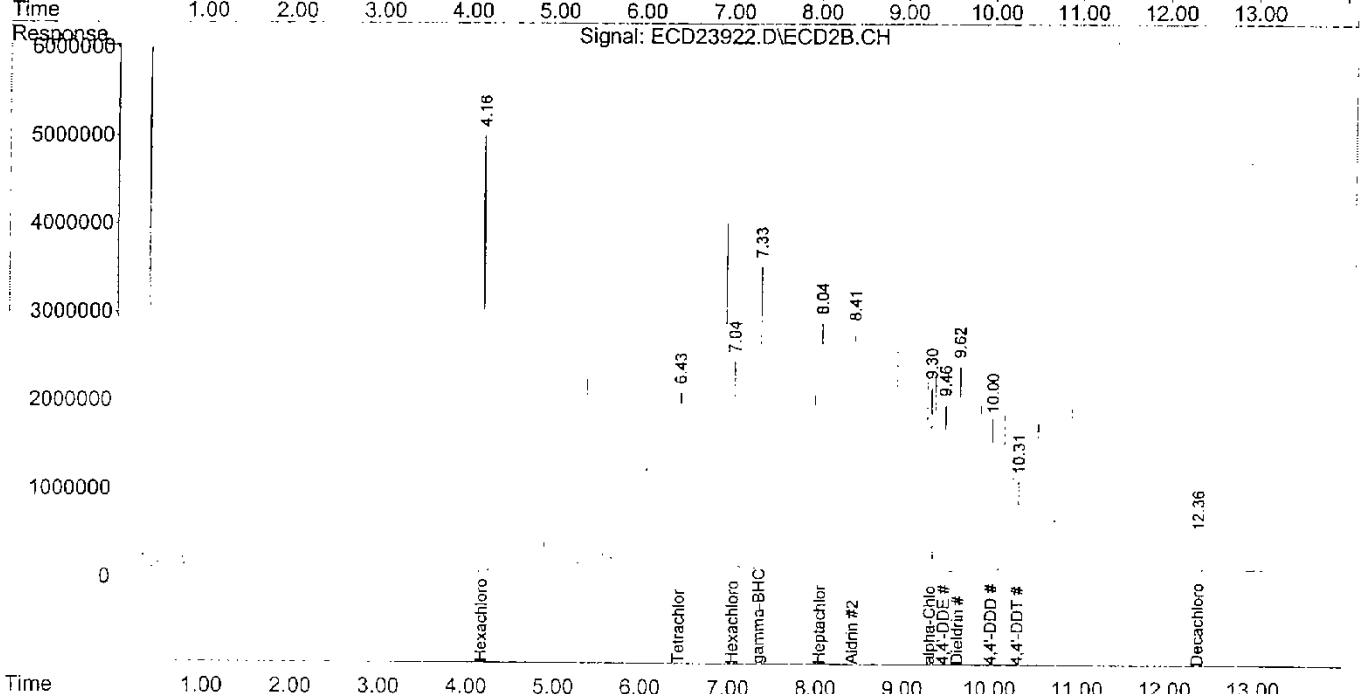
Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 16:48 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 10:03:57 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Initial Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.44	50742871	30353091	18.788	16.396
		Spiked Amount 20.000	Range 60 - 150			Recovery =	93.94%	81.98%
26)	SR	Decachlorobiphen	11.18	12.36	10991928	6365237	7.147	8.451
		Spiked Amount 20.000	Range 60 - 150			Recovery =	35.73%#	42.26%#
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.16	82824207	54253726	16.181	15.792
3)		alpha-BHC	5.97	6.94	81532805	49643008	20.333	19.951 NTA
4)	T	Hexachlorobenzen	5.87	7.04	53424116	32963524	13.980	16.731
5)	M	gamma-BHC (Linda	6.36	7.34	79272212	44267441	22.790	20.656
6)		beta-BHC	6.66	7.66	29973239	21365179	20.041	23.046 NTA
7)		delta-BHC	6.99	7.96	41869985	30775880	13.147	15.409 NTA
8)	M	Heptachlor	6.78	8.04	57075145	37491053	18.499	18.966
9)	M	Aldrin	7.14	8.41	52661213	44713918	17.182	23.839 #
10)		Heptachlor Epoxi	7.77	8.90	67090726	36058261	25.445	21.998 NTA
11)		gamma-Chlordane	8.03	9.25	72763239	25390612	27.295	16.622 NTA #
12)		alpha-Chlordane	8.14	9.30	52229219	24163642	20.346	16.253
13)		Endosulfan I	8.20	9.30	65416133	24163642	27.511	16.703 NTA
14)		4,4'-DDE	8.38	9.46	57908511	21614823	25.056	15.859 #
15)	M	Dieldrin	8.51	9.62	64467355	26589430	25.570	18.253 #
16)	M	Endrin	8.85	9.86	38033919	22092657	20.484	18.068 NTA
17)		4,4'-DDD	9.01	10.00	37413603	19989472	18.712	17.844
18)		Endosulfan II	9.14	10.14	40022175	20978889	19.746	17.808 NTA
19)	M	4,4'-DDT	9.29	10.31	17591959	11147401	12.838	12.769
20)		Endrin Aldehyde	9.38	10.25	29897858	16254339	19.058	18.035 NTA
21)		Endosulfan Sulfa	9.59	10.52	34095699	18753570	18.471	17.228 NTA
22)		Methoxychlor	10.00	10.72	8758699	6235806	14.493	13.713 NTA
23)		Endrin Ketone	10.19	10.91	38670247	20374115	19.463	19.148 NTA
24)	T	Toxaphene	0.00	0.00	0	0	N.D.	N.D.
25)		Chlordane (techn	0.00	0.00	0	0	N.D.	N.D.

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name	ECD23922.D
Sample Name	580-5453-C-9-C MSD
RT STD File Name	ECD22089.D

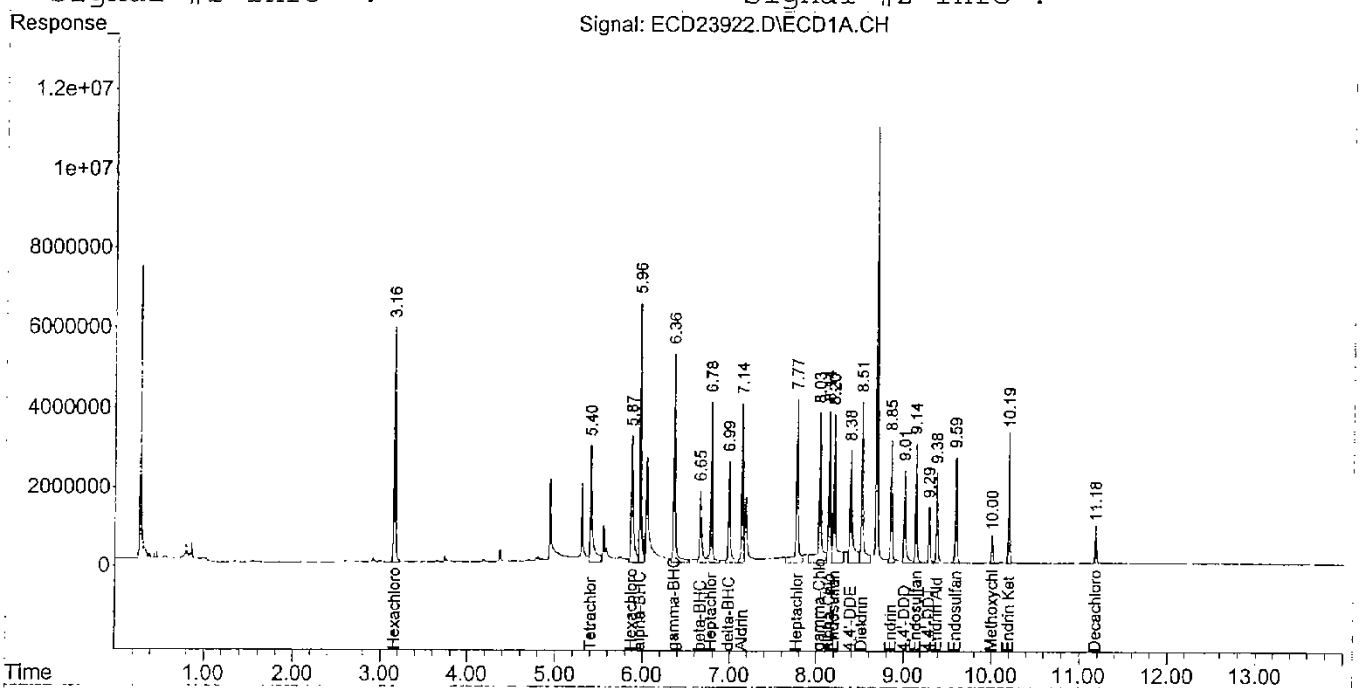
	Column #1			Column #2		
Name	Ret Time	Std RT		Ret Time	Std RT	
Hexachlorobutadiene	3.160	3.160	PASS	4.160	4.160	PASS
Tetrachloro-m-xylene (S)	5.403	5.403	PASS	6.435	6.435	PASS
alpha-BHC	5.965	5.965	PASS	6.940	6.941	PASS
Hexachlorobenzene	5.868	5.868	PASS	7.039	7.039	PASS
gamma-BHC (Lindane)	6.359	6.359	PASS	7.335	7.336	PASS
beta-BHC	6.655	6.657	PASS	7.657	7.657	PASS
delta-BHC	6.986	6.988	PASS	7.963	7.965	PASS
Heptachlor	6.776	6.777	PASS	8.039	8.040	PASS
Aldrin	7.139	7.139	PASS	8.413	8.414	PASS
Heptachlor Epoxide	7.770	7.771	PASS	8.903	8.905	PASS
gamma-Chlordane	8.033	8.034	PASS	9.250	9.251	PASS
alpha-Chlordane	8.140	8.141	PASS	9.303	9.304	PASS
Endosulfan I	8.197	8.198	PASS	9.303	9.304	PASS
4,4'-DDE	8.382	8.383	PASS	9.461	9.462	PASS
Dieldrin	8.512	8.513	PASS	9.621	9.622	PASS
Endrin	8.849	8.850	PASS	9.865	9.865	PASS
4,4'-DDD	9.006	9.007	PASS	10.005	10.005	PASS
Endosulfan II	9.140	9.140	PASS	10.138	10.139	PASS
4,4'-DDT	9.292	9.294	PASS	10.310	10.311	PASS
Endrin Aldehyde	9.380	9.382	PASS	10.247	10.248	PASS
Endosulfan Sulfate	9.592	9.592	PASS	10.519	10.520	PASS
Methoxychlor	10.000	10.001	PASS	10.716	10.717	PASS
Endrin Ketone	10.194	10.195	PASS	10.906	10.906	PASS
Decachlorobiphenyl (S)	11.178	11.179	PASS	12.363	12.364	PASS

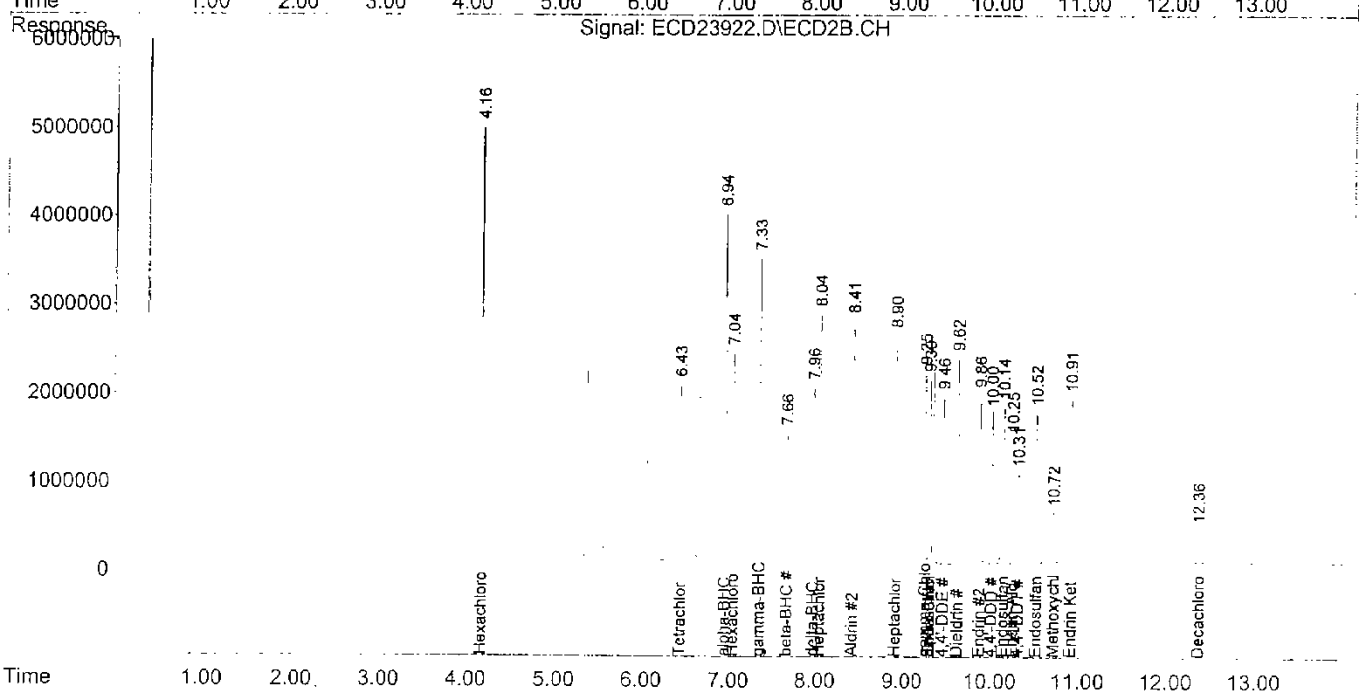
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070403_A\ECD23922.D\ECD1A.CH Vial: 22
Signal #2 : L:\DATA\070403_A\ECD23922.D\ECD2B.CH
Acq On : 03 Apr 2007 10:13 pm Operator: STM
Sample : 580-5453-C-9-C MSD Inst : SEA035
Misc : BT=SEA03517226 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 10:03 2007 Quant Results File: 070313_8081.RES

Quant Method : L:\METHODS\070313_8081.M (Chemstation Integrator)
Title : 8081A Pesticides - Dual Column
Last Update : Thu Mar 29 15:32:41 2007
Response via : Multiple Level Calibration
DataAcq Meth : PEST.M

Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :





LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17226 Analyst: Chambers, Stephen L Batch Open: 4/3/2007 8:21:42AM

Method Code: 580-3550B_LL-580 Batch End:

Ultrasonic Extraction (Low Level)

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Dlv Rank	Comments	Output Sample Lab ID
1	MB~580-17226/1 N/A	N/A	10 g	10 mL	N/A	N/A	N/A	Method 3660B Sulfur Clean-up	
2	LCS~580-17226/2 N/A	N/A	10 g	10 mL	N/A	N/A	N/A	Method 3660B Sulfur Clean-up	
3	LCSD~580-17226/3 N/A	N/A	10 g	10 mL	N/A	N/A	N/A	Method 3660B Sulfur Clean-up	
4	580-5453-C-9 (8081A)	N/A	10.6480 g	10 mL	4/12/07	8_Days - R	2	Method 3660B Sulfur Clean-up	
5	580-5453-C-9~MS (8081A)	N/A	10.3014 g	10 mL	4/12/07	8_Days - R	2	Method 3660B Sulfur Clean-up	
6	580-5453-C-9~MSD (8081A)	N/A	10.4250 g	10 mL	4/12/07	8_Days - R	2	Method 3660B Sulfur Clean-up	
7	580-5372-A-3 (8081A)	N/A	10.6762 g	10 mL	4/10/07	13_Days - E	4	Method 3660B Sulfur Clean-up	
8	580-5385-B-11 (8081A)	N/A	10.9420 g	10 mL	4/4/07	8_Days - R	4	Method 3660B Sulfur Clean-up	
9	580-5385-B-12 (8081A)	N/A	10.5907 g	10 mL	4/11/07	13_Days - E	4	Method 3660B Sulfur Clean-up	
10	580-5404-A-13 (8081A)	N/A	10.0234 g	10 mL	4/12/07	13_Days - E	4	Method 3660B Sulfur Clean-up	
11	580-5404-A-14 (8081A)	N/A	10.5485 g	10 mL	4/12/07	13_Days - E	4	Method 3660B Sulfur Clean-up	

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17226 Analyst: Chambers, Stephen L Batch Open: 4/3/2007 8:21:42AM

Method Code: 580-3550B_LL-580 Batch End:

Batch Notes

Batch Comment	sea203
Person's name who did the concentration	
Vendor lot number	
Prep Solvent Volume Used	10
Person's name who witnessed reagent drop	
Solvent	Hexanes
Vendor of Reagent used	J.T. Baker

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17226 Analyst: Chambers, Stephen L Batch Open: 4/3/2007 8:21:42AM

Method Code: 580-3550B_LL-580 Batch End:

Comments

580-5453-C-9

Method Comments: Sediment project, need to meet SQS

580-5453-C-9~MS

Method Comments: Sediment project, need to meet SQS

580-5453-C-9~MSD

Method Comments: Sediment project, need to meet SQS

Login Comments for Job 5372: PND07-9 4oz soil jar rcvd broken...
PHD07-9 Methanol preserved sample in non pretared jar...

580-5372-A-3

Method Comments: Sediments -- low level

580-5385-B-11

Method Comments: Sediments -- low level

580-5385-B-12

Method Comments: Sediments -- low level

580-5404-A-13

Method Comments: Sediments -- low level

580-5404-A-14

Method Comments: Sediments -- low level

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17226 Analyst: Chambers, Stephen L Batch Open: 4/3/2007 8:21:42AM

Method Code: 580-3550B_LL-580 Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17226/1	PESTSURR_00007	100 uL	10 mL		
LCS 580-17226/2	PESTSPIKE_00002	100 uL	10 mL		
LCS 580-17226/2	PESTSURR_00007	100 uL	10 mL		
LCSD 580-17226/3	PESTSPIKE_00002	100 uL	10 mL		
LCSD 580-17226/3	PESTSURR_00007	100 uL	10 mL		
580-5453-C-9	PESTSURR_00007	100 uL	10 mL		
580-5453-C-9 MS	PESTSPIKE_00002	100 uL	10 mL		
580-5453-C-9 MS	PESTSURR_00007	100 uL	10 mL		
580-5453-C-9 MSD	PESTSPIKE_00002	100 uL	10 mL		
580-5453-C-9 MSD	PESTSURR_00007	100 uL	10 mL		
580-5372-A-3	PESTSURR_00007	100 uL	10 mL		
580-5385-B-11	PESTSURR_00007	100 uL	10 mL		
580-5385-B-12	PESTSURR_00007	100 uL	10 mL		
580-5404-A-13	PESTSURR_00007	100 uL	10 mL		
580-5404-A-14	PESTSURR_00007	100 uL	10 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17226 Analyst: Chambers, Stephen L Batch Open: 4/3/2007 8:21:42AM

Method Code: 580-3550B_LL-580 Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

PCB DATA PACKAGE

SAMPLE DATA

Signal #1 : Z:\DATA\070403_A\PCB6962.D\ECD1A.CH Vial: 4
Signal #2 : Z:\DATA\070403_A\PCB6962.D\ECD2B.CH
Acq On : 03 Apr 2007 12:54 pm Operator: SLC
Sample : 580-5453-C-9-D Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:15:33 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	52200147	57389520	20.291	18.700
	Spiked Amount 20.000			Recovery	=	101.46%	93.50%
14)	S Decachlorobiphen	14.54	15.85	30074932	38528511	15.963	19.337
	Spiked Amount 20.000			Recovery	=	79.81%	96.69%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
3)	L3 PCB-1016 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
4)	L3 PCB-1016 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
5)	L3 PCB-1016 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
6)	L3 PCB-1016 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
7)	L3 PCB-1016 - Total	0.00	0.00	0	0	N.D. d	N.D. d
8)	L4 PCB-1260 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
9)	L4 PCB-1260 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
10)	L4 PCB-1260 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
11)	L4 PCB-1260 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
12)	L4 PCB-1260 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
13)	L4 PCB-1260 - Total	0.00	0.00	0	0	N.D. d	N.D. d

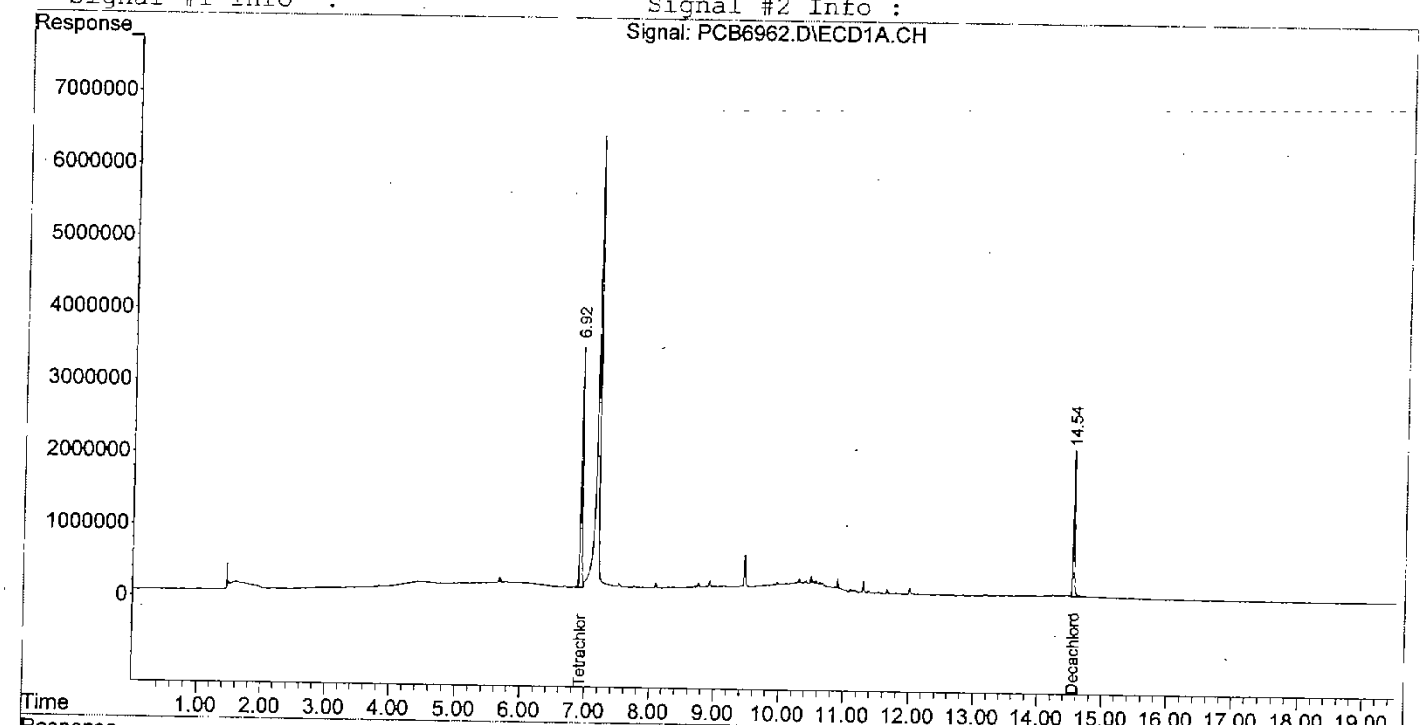
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
PCB6962.D 1660_8082_070319.M Tue Apr 03 13:18:51 2007 Page 1

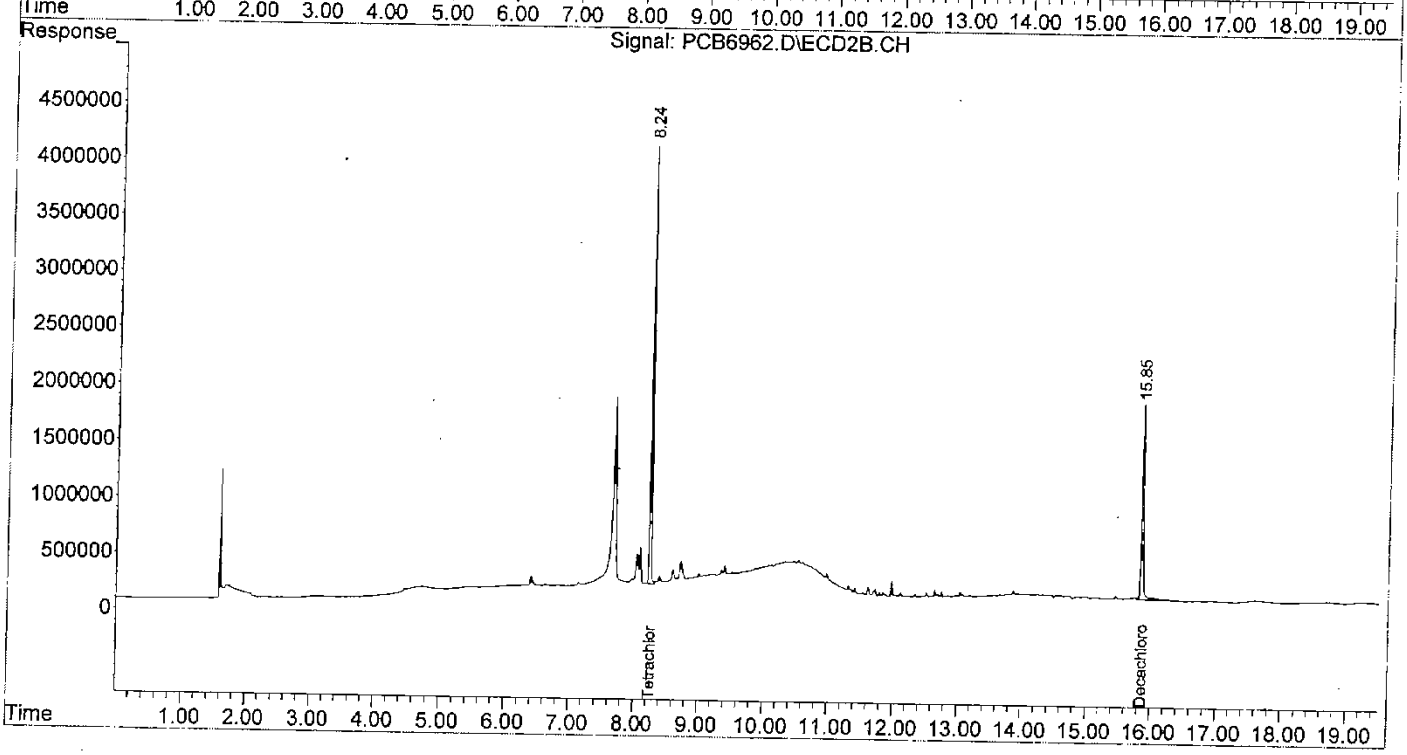
(QF Reviewed)

Signal #1 : Z:\DATA\070403_A\PCB6962.D\ECD1A.CH Vial: 4
Signal #2 : Z:\DATA\070403_A\PCB6962.D\ECD2B.CH
Acq On : 03 Apr 2007 12:54 pm Operator: SLC
Sample : 580-5453-C-9-D Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:18 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070403_A\PCB6962.D\ECD1A.CH Vial: 4
Signal #2 : Z:\DATA\070403_A\PCB6962.D\ECD2B.CH
Acq On : 03 Apr 2007 12:54 pm Operator: SLC
Sample : 580-5453-C-9-D Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:15:33 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	52200147	57389520	20.291	18.700
	Spiked Amount 20.000			Recovery	=	101.46%	93.50%
14)	S Decachlorobiphen	14.54	15.85	30074932	38528511	15.963	19.337
	Spiked Amount 20.000			Recovery	=	79.81%	96.69%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	0.00	80898	0	N.D.	N.D.
3)	L3 PCB-1016 Peak 2	9.01	10.07	296707	16576367	2.380	164.344 #
4)	L3 PCB-1016 Peak 3	9.76	0.00	432904	0	7.012	N.D. #
5)	L3 PCB-1016 Peak 4	9.96	0.00	777400	0	14.818	N.D. #
6)	L3 PCB-1016 Peak 5	10.30	11.30	2932355	1666690	48.292	24.456 #
7)	L3 PCB-1016 - Total	0.00	0.00	4520264	18243057	11.561m	46.267m#
8)	L4 PCB-1260 Peak 1	11.29f	12.34f	2270450	381802	19.904	2.933 #
9)	L4 PCB-1260 Peak 2	11.52	12.34	285216	381802	1.887	0.543 #
10)	L4 PCB-1260 Peak 3	11.78	12.69	247407	489559	N.D.	3.507 #
11)	L4 PCB-1260 Peak 4	12.75f	13.86f	183487	3104163	0.839	14.297 #
12)	L4 PCB-1260 Peak 5	13.20f	14.24	657785	2299155	3.893	18.122 #
13)	L4 PCB-1260 - Total	0.00	0.00	3644344	6656480	4.887m	8.858m#

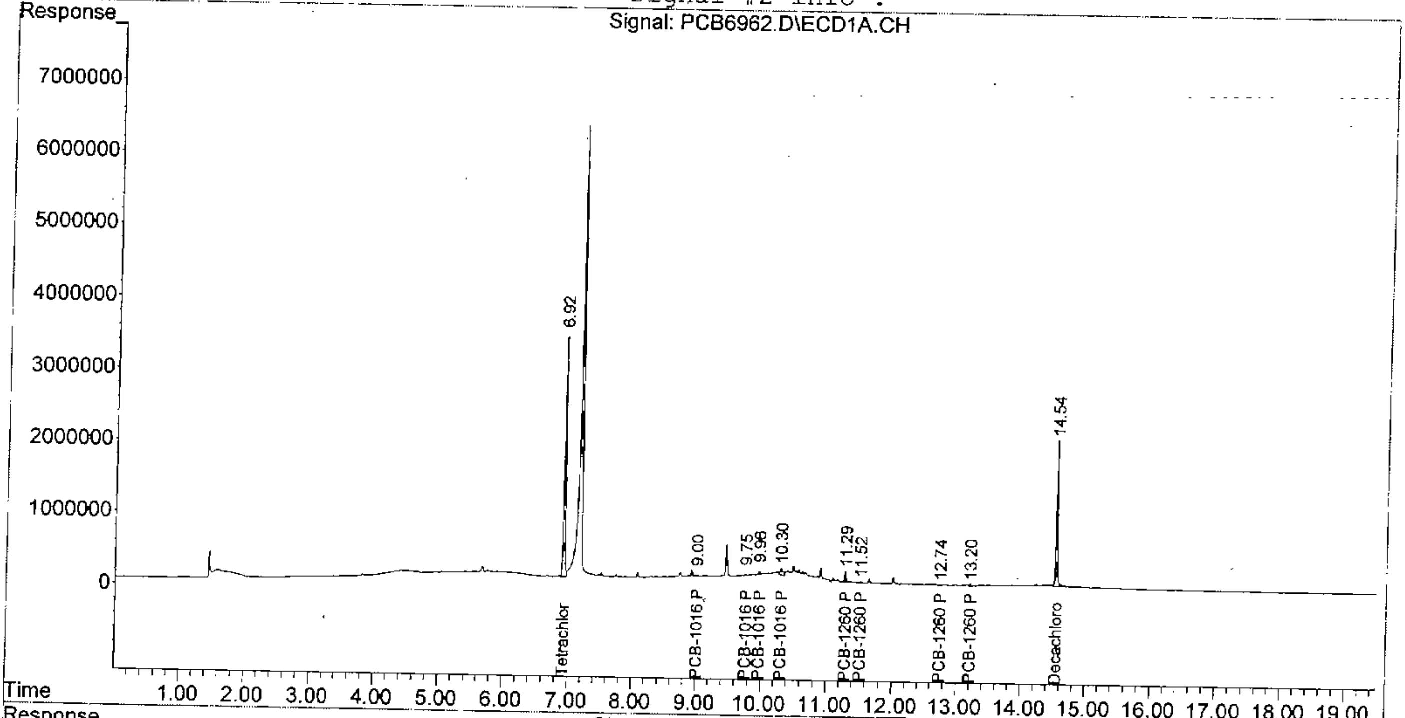
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
PCB6962.D 1660_8082_070319.M Tue Apr 03 13:15:34 2007

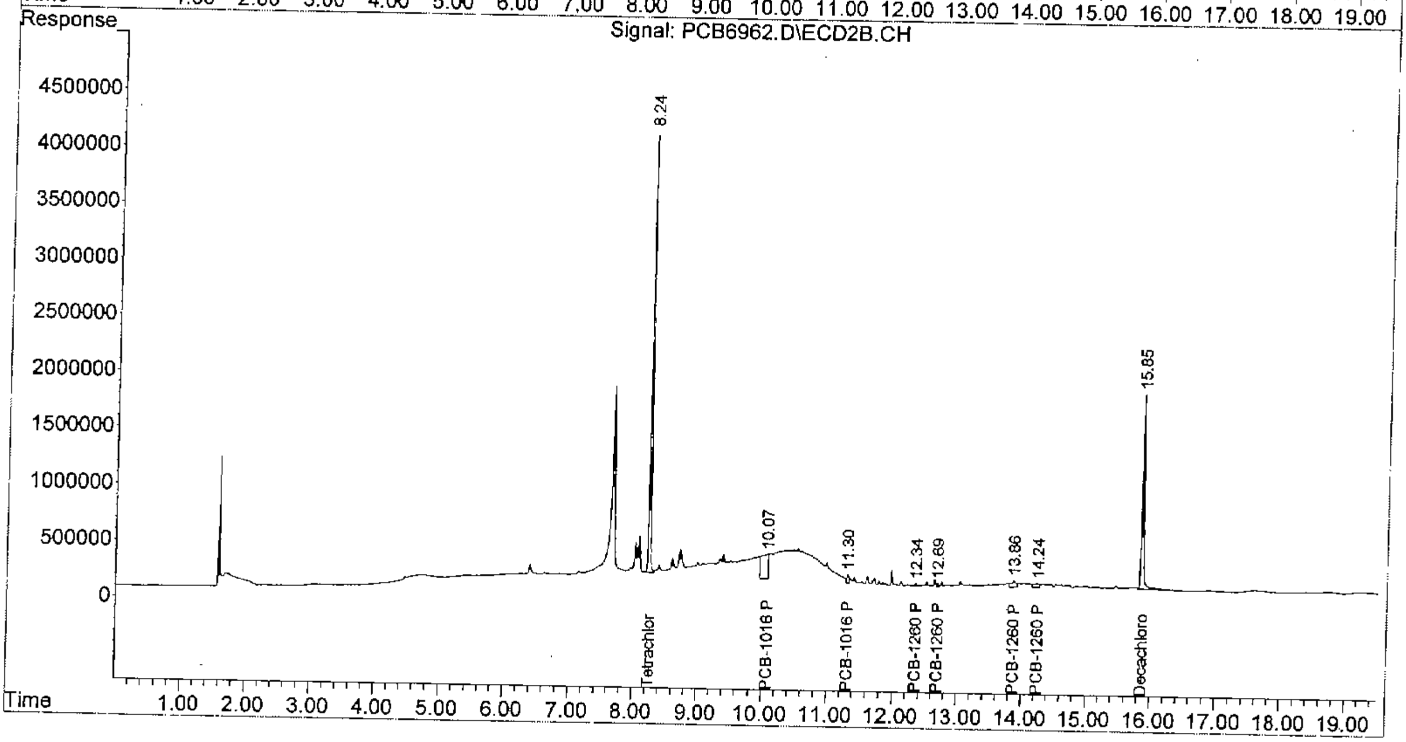
004713

Signal #1 : Z:\DATA\070403_A\PCB6962.D\ECD1A.CH Vial: 4
Signal #2 : Z:\DATA\070403_A\PCB6962.D\ECD2B.CH
Acq On : 03 Apr 2007 12:54 pm Operator: SLC
Sample : 580-5453-C-9-D Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:15 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





004714

Signal #1 : Z:\DATA\070404_A\PCB6999.D\ECD1A.CH Vial: 27
Signal #2 : Z:\DATA\070404_A\PCB6999.D\ECD2B.CH
Acq On : 4-4-2007 08:54:22 AM Operator: SLC
Sample : 580-5404-A-13-A Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 13:42:09 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

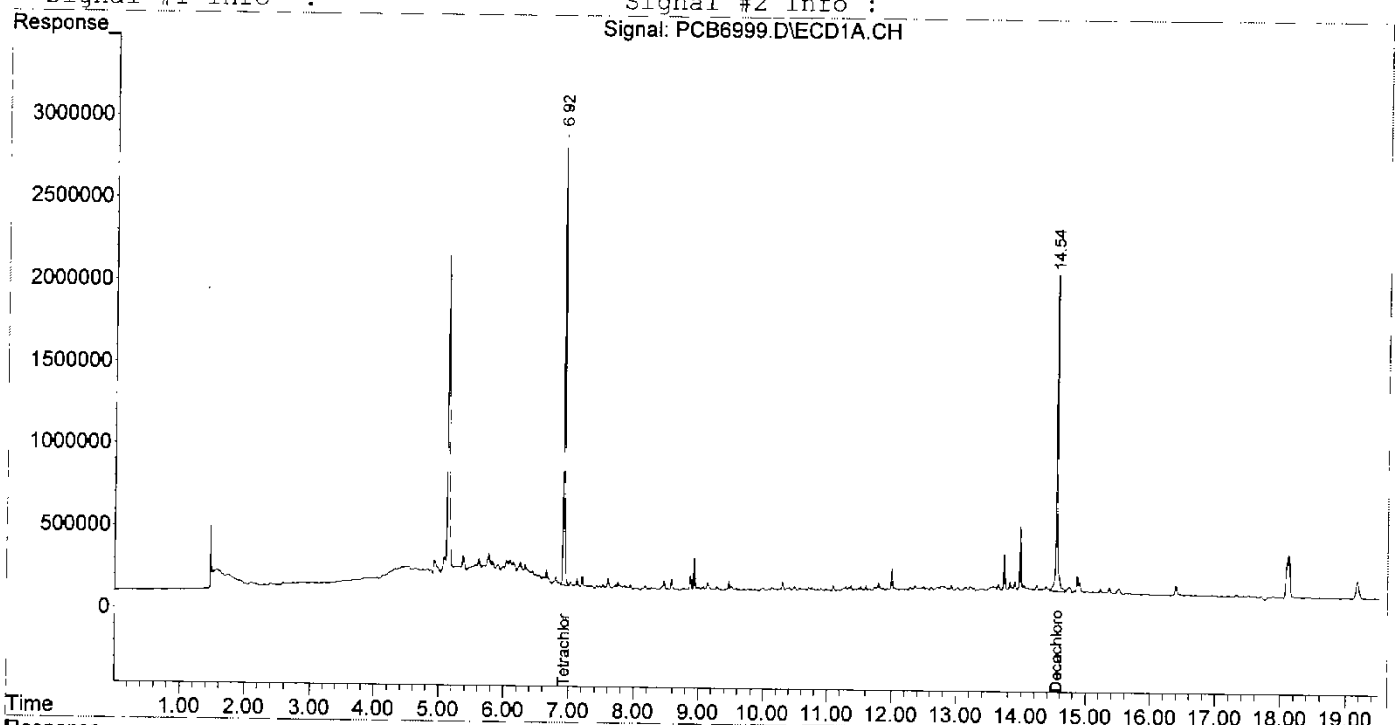
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	42073962	48289048	16.355	15.735
	Spiked Amount 20.000			Recovery	=	81.77%	78.67%
14) S	Decachlorobiphen	14.54	15.85	31750444	42951013	16.852	21.556 #
	Spiked Amount 20.000			Recovery	=	84.26%	107.78%
	Target Compounds						
2) L3	PCB-1016 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
3) L3	PCB-1016 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
4) L3	PCB-1016 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
5) L3	PCB-1016 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
6) L3	PCB-1016 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
7) L3	PCB-1016 - Total	0.00	0.00	0	0	N.D. d	N.D. d
8) L4	PCB-1260 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
9) L4	PCB-1260 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
10) L4	PCB-1260 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
11) L4	PCB-1260 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
12) L4	PCB-1260 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
13) L4	PCB-1260 - Total	0.00	0.00	0	0	N.D. d	N.D. d

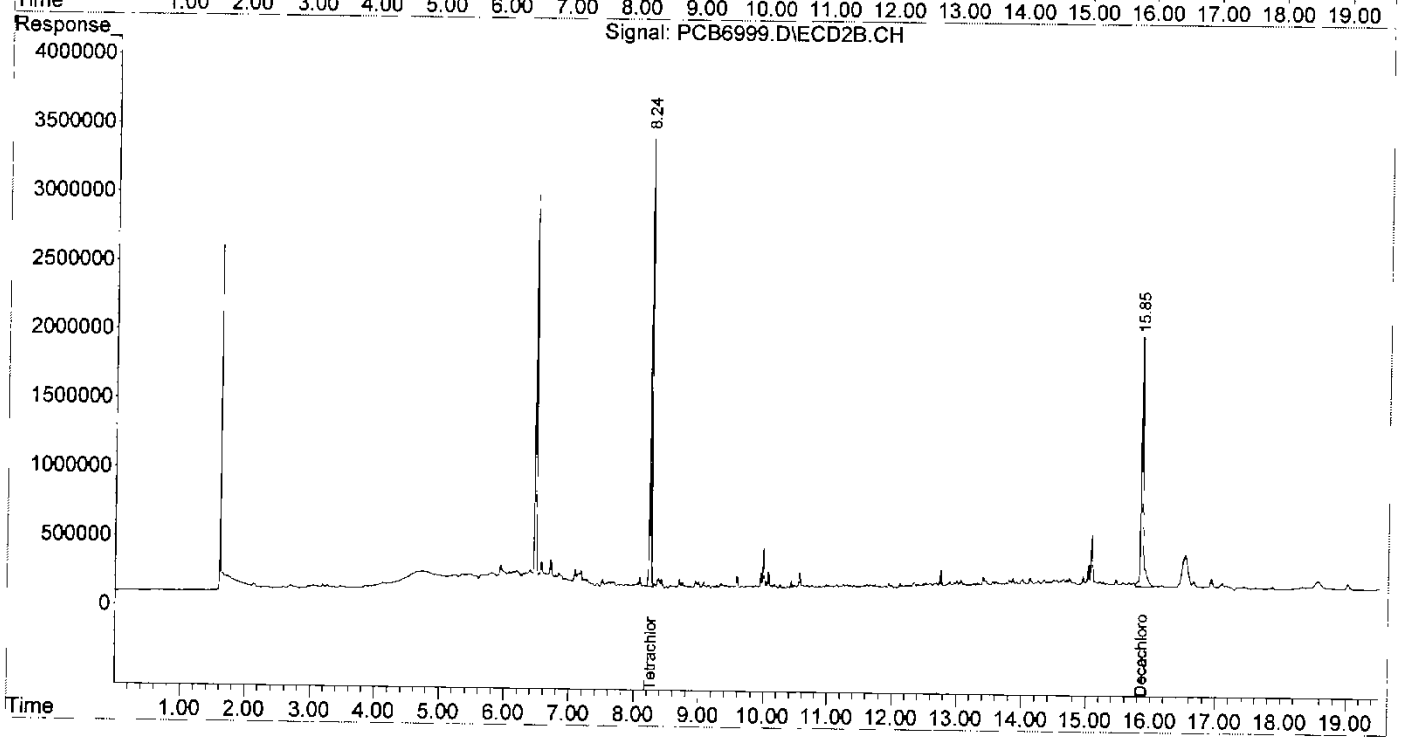
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070404_A\PCB6999.D\ECD1A.CH Vial: 27
Signal #2 : Z:\DATA\070404_A\PCB6999.D\ECD2B.CH
Acq On : 4-4-2007 08:54:22 AM Operator: SLC
Sample : 580-5404-A-13-A Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 13:43 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070404_A\PCB6999.D\ECD1A.CH Vial: 27
Signal #2 : Z:\DATA\070404_A\PCB6999.D\ECD2B.CH
Acq On : 4-4-2007 08:54:22 AM Operator: SLC
Sample : 580-5404-A-13-A Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 13:42:09 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

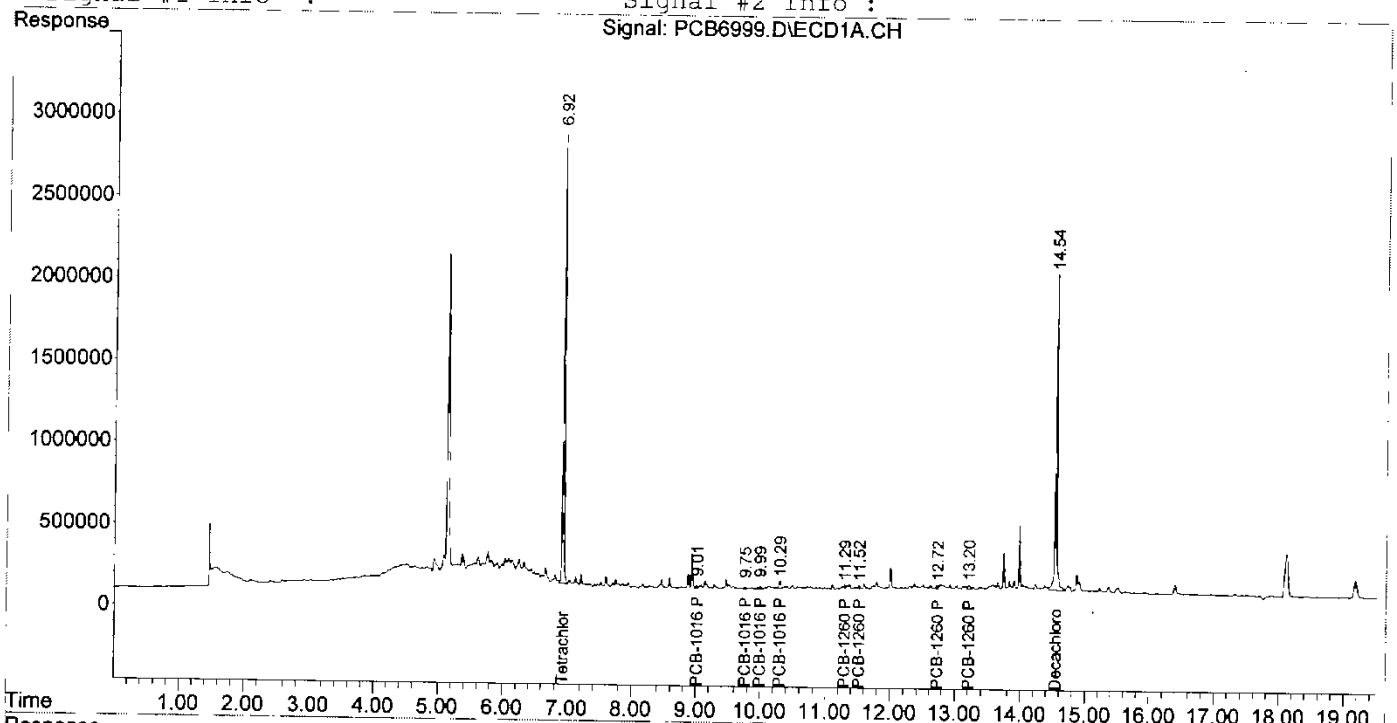
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	42073962	48289048	16.355	15.735
	Spiked Amount 20.000			Recovery	=	81.77%	78.67%
14) S	Decachlorobiphen	14.54	15.85	31750444	42951013	16.852	21.556 #
	Spiked Amount 20.000			Recovery	=	84.26%	107.78%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.33	9.34f	195562	1232687	N.D.	18.586 #
3) L3	PCB-1016 Peak 2	9.01	10.06	307236	1996518	2.464	19.794 #
4) L3	PCB-1016 Peak 3	9.75	10.16	209010	829950	3.386	3.410
5) L3	PCB-1016 Peak 4	9.99f	10.74	405623	734893	7.731	7.273
6) L3	PCB-1016 Peak 5	10.29	11.30	778585	461553	12.822	6.773 #
7) L3	PCB-1016 - Total	0.00	0.00	1896017	5255602	4.849m	13.329m#
8) L4	PCB-1260 Peak 1	11.29	12.34f	249706	1048990	2.189	8.060 #
9) L4	PCB-1260 Peak 2	11.52	12.34	335071	1048990	2.217	5.970 #
10) L4	PCB-1260 Peak 3	11.79	12.69	867621	444182	N.D.	3.182 #
11) L4	PCB-1260 Peak 4	12.72	13.86f	328895	939262	1.504	4.326 #
12) L4	PCB-1260 Peak 5	13.21	14.24	714664	556351	4.230	4.385
13) L4	PCB-1260 - Total	0.00	0.00	2495957	4037774	3.347m	5.373m#

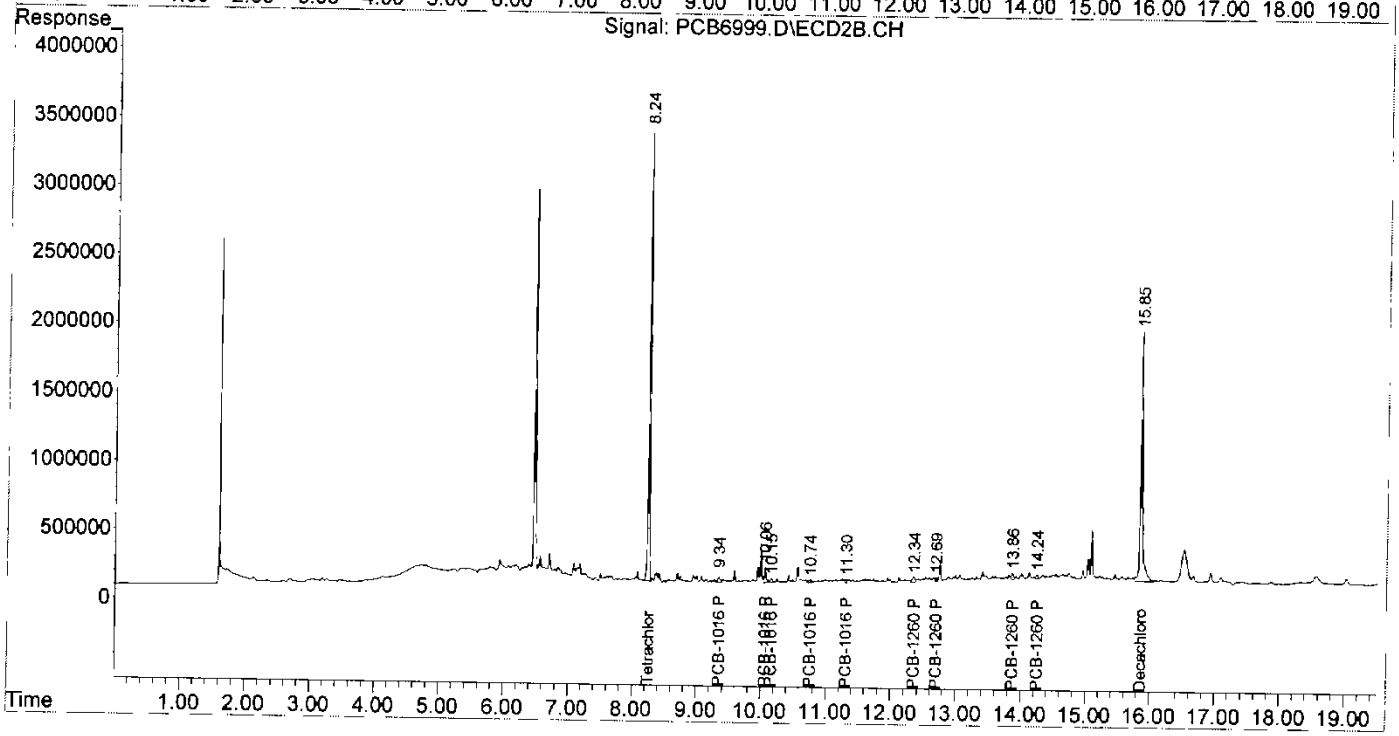
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070404_A\PCB6999.D\ECD1A.CH Vial: 27
Signal #2 : Z:\DATA\070404_A\PCB6999.D\ECD2B.CH
Acq On : 4-4-2007 08:54:22 AM Operator: SLC
Sample : 580-5404-A-13-A Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 13:42 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070404_A\PCB7000.D\ECD1A.CH Vial: 28
Signal #2 : Z:\DATA\070404_A\PCB7000.D\ECD2B.CH
Acq On : 4-4-2007 09:18:03 AM Operator: SLC
Sample : 580-5404-A-14-A Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 13:43:29 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

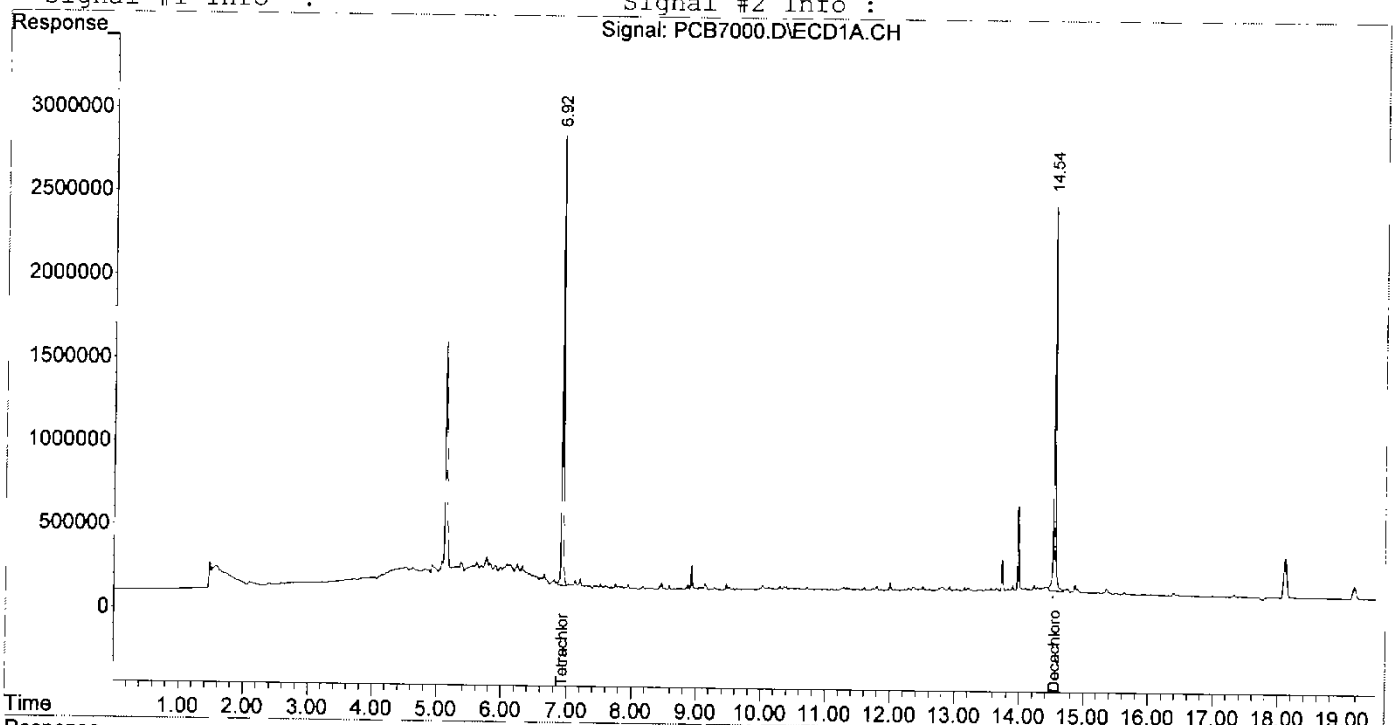
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

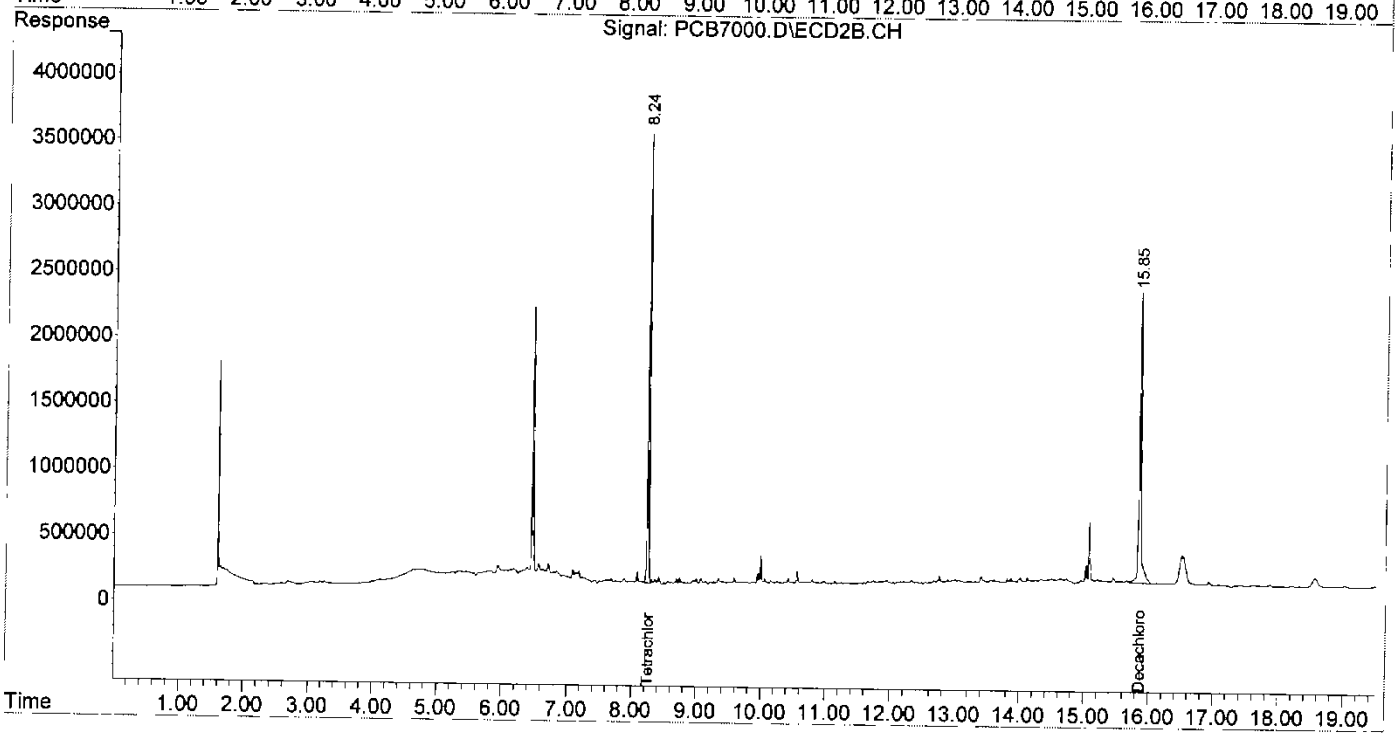
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	43890960	50368506	17.061	16.412
	Spiked Amount 20.000			Recovery	=	85.30%	82.06%
14) S	Decachlorobiphen	14.54	15.85	38099782	51393938	20.222	25.793 #
	Spiked Amount 20.000			Recovery	=	101.11%	128.97%
	Target Compounds						
2) L3	PCB-1016 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
3) L3	PCB-1016 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
4) L3	PCB-1016 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
5) L3	PCB-1016 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
6) L3	PCB-1016 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
7) L3	PCB-1016 - Total	0.00	0.00	0	0	N.D. d	N.D. d
8) L4	PCB-1260 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
9) L4	PCB-1260 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
10) L4	PCB-1260 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
11) L4	PCB-1260 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
12) L4	PCB-1260 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
13) L4	PCB-1260 - Total	0.00	0.00	0	0	N.D. d	N.D. d

Signal #1 : Z:\DATA\070404_A\PCB7000.D\ECD1A.CH Vial: 28
Signal #2 : Z:\DATA\070404_A\PCB7000.D\ECD2B.CH
Acq On : 4-4-2007 09:18:03 AM Operator: SLC
Sample : 580-5404-A-14-A Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 13:44 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070404_A\PCB7000.D\ECD1A.CH Vial: 28
Signal #2 : Z:\DATA\070404_A\PCB7000.D\ECD2B.CH
Acq On : 4-4-2007 09:18:03 AM Operator: SLC
Sample : 580-5404-A-14-A Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 13:43:29 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

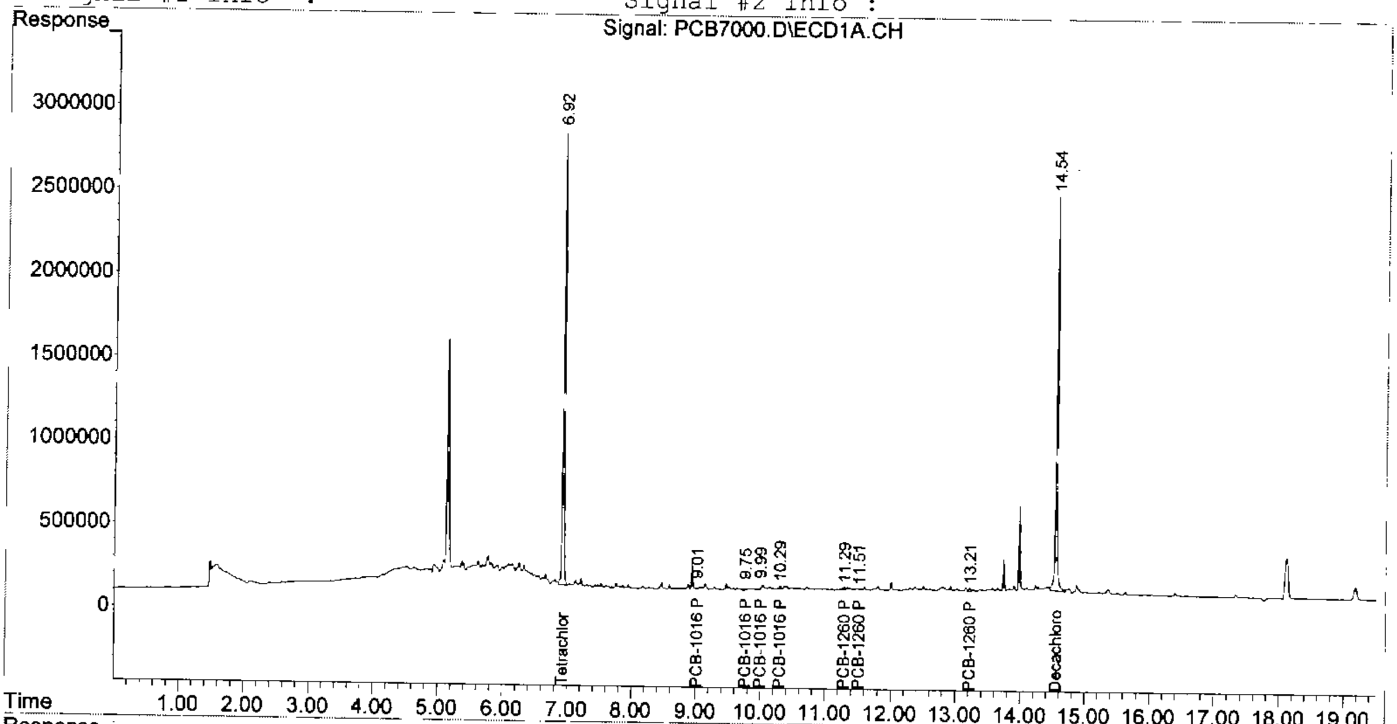
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	43890960	50368506	17.061	16.412
	Spiked Amount 20.000			Recovery	=	85.30%	82.06%
14) S	Decachlorobiphen	14.54	15.85	38099782	51393938	20.222	25.793 #
	Spiked Amount 20.000			Recovery	=	101.11%	128.97%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.32	9.34f	127676	1125050	N.D.	16.963 #
3) L3	PCB-1016 Peak 2	9.01	10.06	111868	786040	0.897	7.793 #
4) L3	PCB-1016 Peak 3	9.75	10.15	233246	903182	3.778	4.382
5) L3	PCB-1016 Peak 4	9.99f	10.73	193000	175138	3.679	N.D. #
6) L3	PCB-1016 Peak 5	10.29	11.30	360175	216834	5.932	3.182 #
7) L3	PCB-1016 - Total	0.00	0.00	1025964	3206245	2.624m	8.132m#
8) L4	PCB-1260 Peak 1	11.29f	0.00	488669	0	4.284	N.D. #
9) L4	PCB-1260 Peak 2	11.51f	12.32f	55596	678870	0.368	2.959 #
10) L4	PCB-1260 Peak 3	11.79	12.67f	622728	638486	N.D.	4.574 #
11) L4	PCB-1260 Peak 4	0.00	13.86f	0	569349	N.D.	2.622 #
12) L4	PCB-1260 Peak 5	13.21	14.25	507074	245375	3.001	1.934 #
13) L4	PCB-1260 - Total	0.00	0.00	1674067	2132079	2.245m	2.837m#

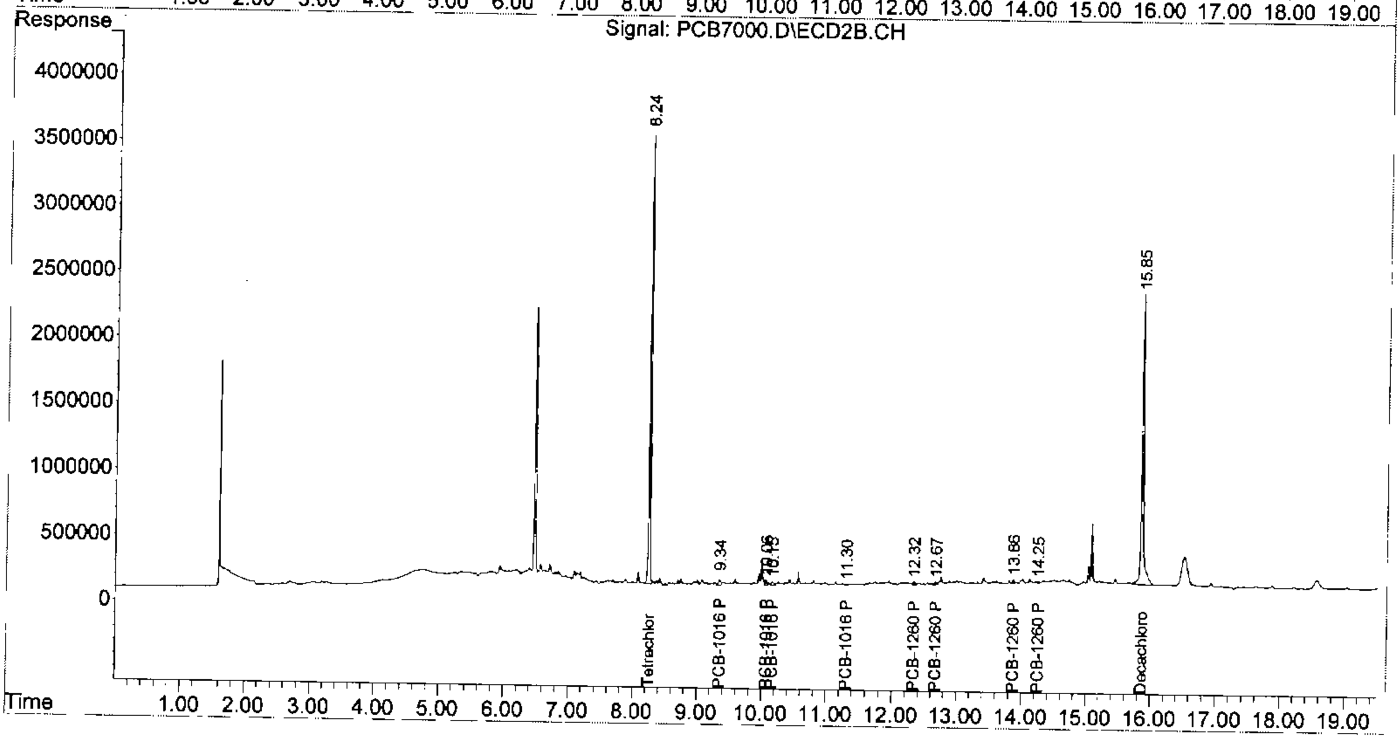
(f)=RT Delta > 1/2 Window (#)=Amounts differ by more than 25% (m)=manual int.

```
Signal #1 : Z:\DATA\070404_A\PCB7000.D\ECD1A.CH          Vial: 28
Signal #2 : Z:\DATA\070404_A\PCB7000.D\ECD2B.CH
Acq On    : 4-4-2007 09:18:03 AM                       Operator: SLC
Sample    : 580-5404-A-14-A                            Inst    : sea034
Misc      : BT=SEA03417227                             Multiplr: 1.00
IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E
Quant Time: Apr  4 13:43 2007  Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title        : PCBs by USEPA Method 8082
Last Update  : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj.     :
Signal #1 Phase :                    Signal #2 Phase:
Signal #1 Info  :                    Signal #2 Info :
```





INITIAL CALIBRATION

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007

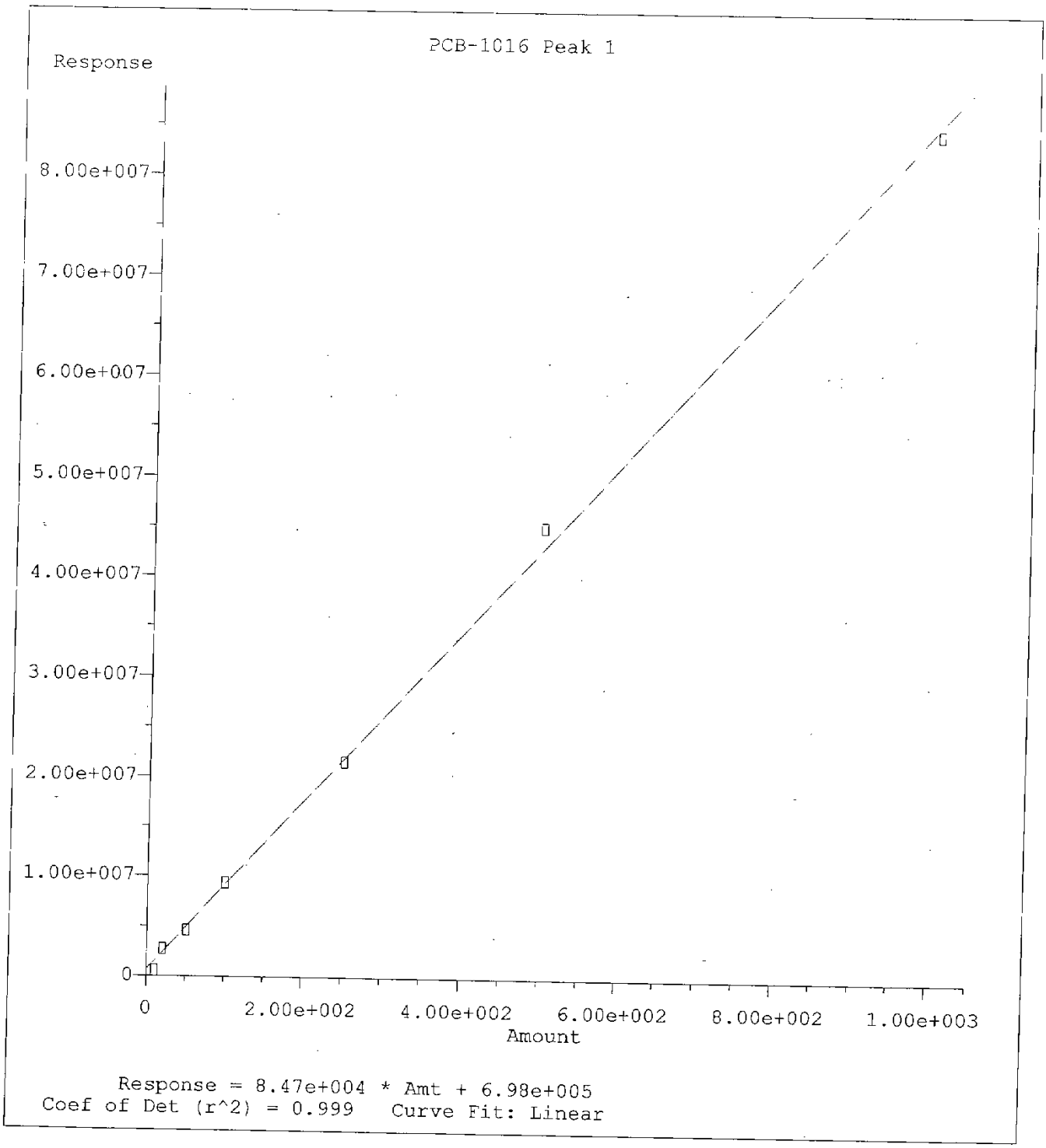
Calibration Files
250 =PCB6770.D 100 =PCB6769.D 500 =PCB6771.D
50 =PCB6768.D 20 =PCB6767.D 10 =PCB6766.D

		Compound	250	100	500	50	20	10	Avg		%RSD	
1)	S	Tetrachloro-m-xy	2.269	2.374	2.597	2.256	3.234	2.874	2.573	E6	14.10	
2)	L1	PCB-1016 Peak 1	0.862	0.934	0.902	0.919	1.369	0.565	0.914	E5	25.94	-LR
3)	L1	PCB-1016 Peak 2	1.156	1.211	1.214	1.155	1.568	1.284	1.247	E5	12.04	
4)	L1	PCB-1016 Peak 3	5.698	6.016	6.183	5.688	8.065	5.714	6.173	E4	13.84	
5)	L1	PCB-1016 Peak 4	4.723	4.958	5.284	4.835	6.908	5.010	5.246	E4	14.35	
6)	L1	PCB-1016 Peak 5	5.348	5.610	6.032	5.595	7.719	6.533	6.072	E4	13.54	
7)	L1	PCB-1016 - Total	3.595	3.803	3.866	3.686	5.207	3.575	3.910	E5	14.88	
8)	L2	PCB-1260 Peak 1	1.009	1.066	1.175	1.066	1.442	1.138	1.141	E5	12.56	
9)	L2	PCB-1260 Peak 2	1.356	1.444	1.578	1.391	1.856	1.504	1.511	E5	11.13	
10)	L2	PCB-1260 Peak 3	0.775	0.857	0.812	0.911	1.411	0.981	0.928	E5	24.50	-LR
11)	L2	PCB-1260 Peak 4	1.922	2.023	2.259	1.963	2.633	2.411	2.187	E5	11.95	
12)	L2	PCB-1260 Peak 5	1.511	1.614	1.753	1.556	2.019	1.758	1.690	E5	10.19	
13)	L2	PCB-1260 - Total	6.573	7.004	7.577	6.886	9.360	7.792	7.457	E5	12.57	
14)	S	Decachlorobiphen	1.645	1.814	1.887	1.673	2.375	2.051	1.884	E6	13.63	

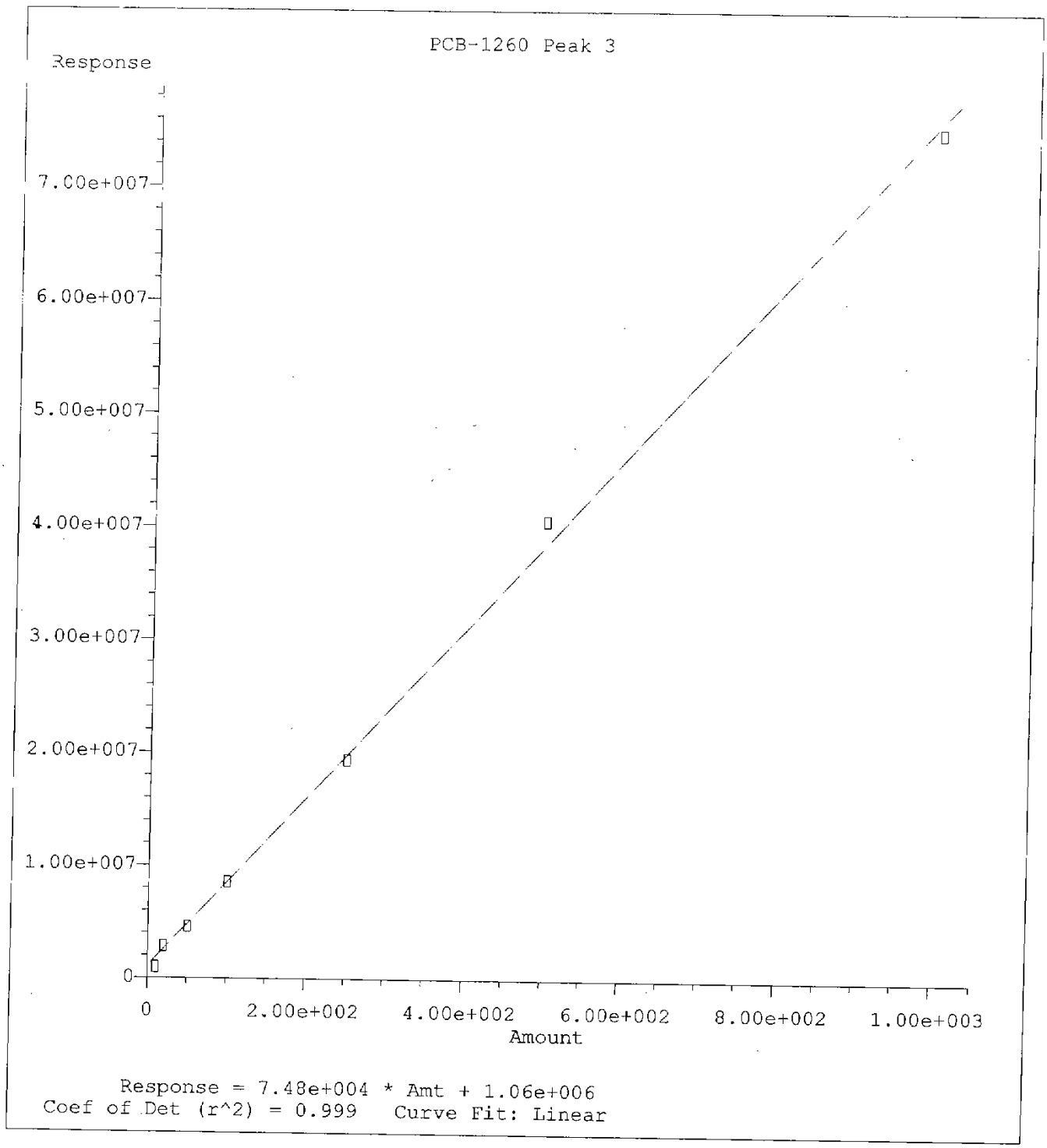
Signal #2 Calibration Files
250 =PCB6770.D 100 =PCB6769.D 500 =PCB6771.D
50 =PCB6768.D 20 =PCB6767.D 10 =PCB6766.D

		Compound	250	100	500	50	20	10	Avg		%RSD	
1)	S	Tetrachloro-m-xy	2.902	3.056	3.204	2.702	3.733	2.907	3.069	E6	10.78	
2)	L3	PCB-1016 Peak 1	6.146	6.655	6.552	6.324	9.245	5.423	6.632	E4	18.39	
3)	L3	PCB-1016 Peak 2	0.930	0.984	1.011	0.978	1.419	0.783	1.009	E5	19.39	
4)	L3	PCB-1016 Peak 3	0.748	0.812	0.795	0.787	1.125	1.332	0.908	E5	25.18	-LR
5)	L3	PCB-1016 Peak 4	0.555	0.591	0.609	0.613	0.819	1.011	0.682	E5	24.86	-LR
6)	L3	PCB-1016 Peak 5	5.657	6.051	6.425	6.185	8.661	8.678	6.815	E4	18.89	
7)	L3	PCB-1016 - Total	3.414	3.657	3.712	3.629	5.153	4.537	3.943	E5	16.46	
8)	L4	PCB-1260 Peak 1	1.149	1.212	1.306	1.198	1.642	1.381	1.302	E5	12.96	
9)	L4	PCB-1260 Peak 2	1.149	1.212	1.306	1.198	1.642	1.913	1.378	E5	20.91	-LR
10)	L4	PCB-1260 Peak 3	1.284	1.348	1.499	1.340	1.825	1.069	1.396	E5	16.54	
11)	L4	PCB-1260 Peak 4	1.891	1.928	2.289	1.975	2.671	2.288	2.171	E5	12.65	
12)	L4	PCB-1260 Peak 5	1.116	1.166	1.356	1.125	1.581	1.259	1.269	E5	12.86	
13)	L4	PCB-1260 - Total	6.589	6.867	7.756	6.837	9.362	7.910	7.515	E5	12.64	
14)	S	Decachlorobiphen	1.760	1.935	2.022	1.751	2.483	2.114	1.993	E6	12.69	

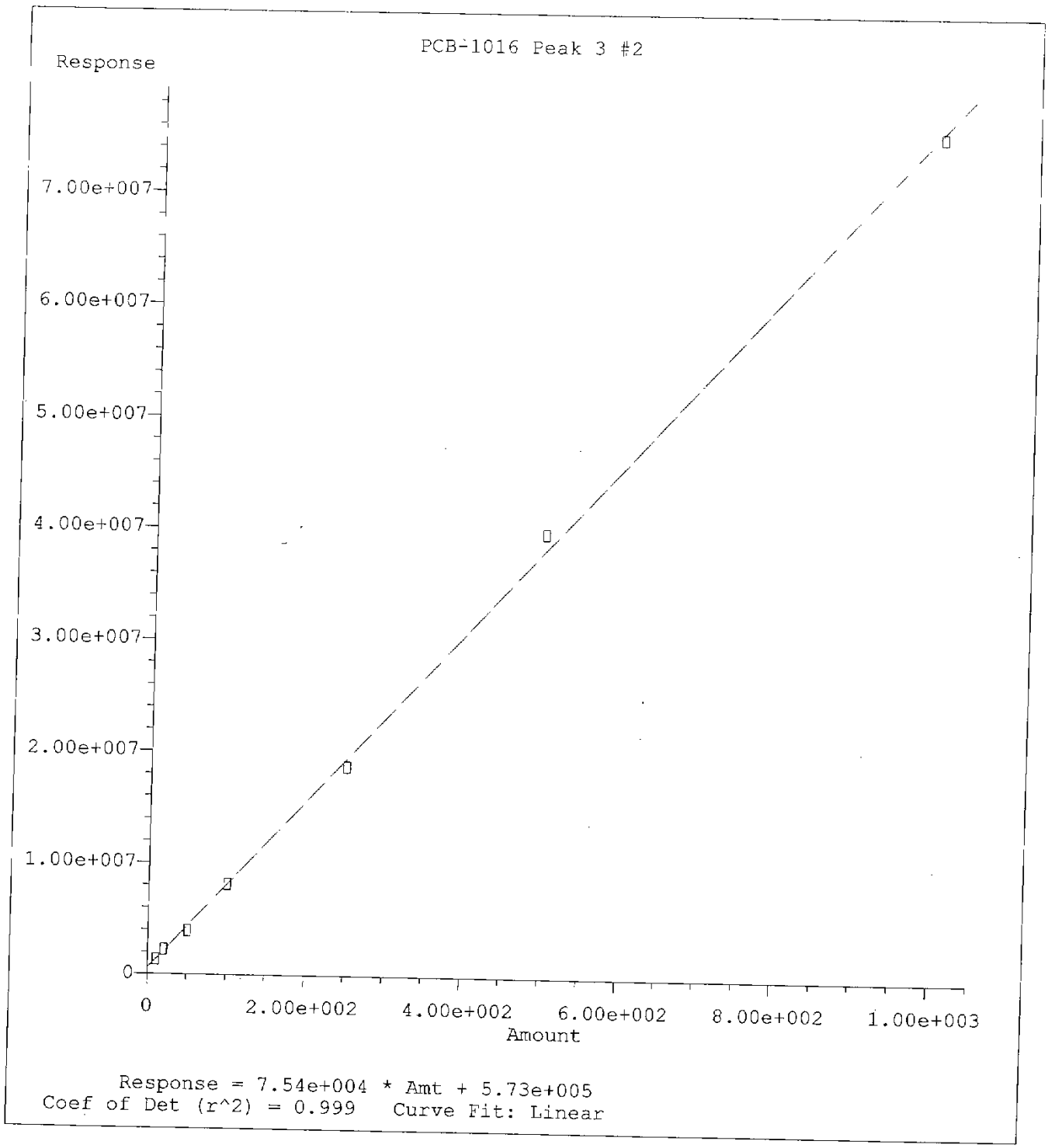
(#) = Out of Range ### Number of calibration levels exceeded format ###



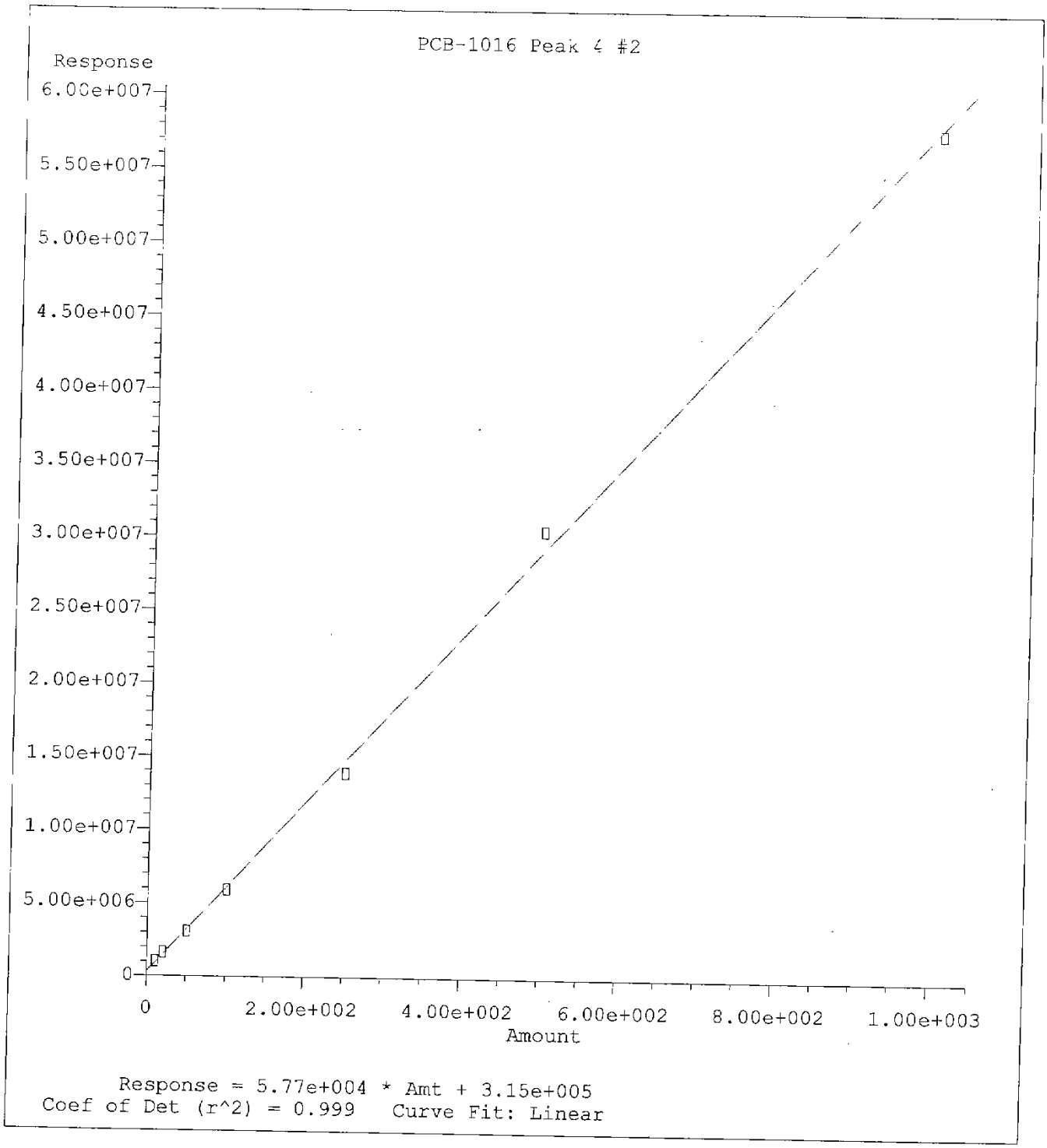
Method Name: Z:\METHODS\1660_8082_070319.M
Calibration Table Last Updated: Tue Mar 20 09:27:49 2007



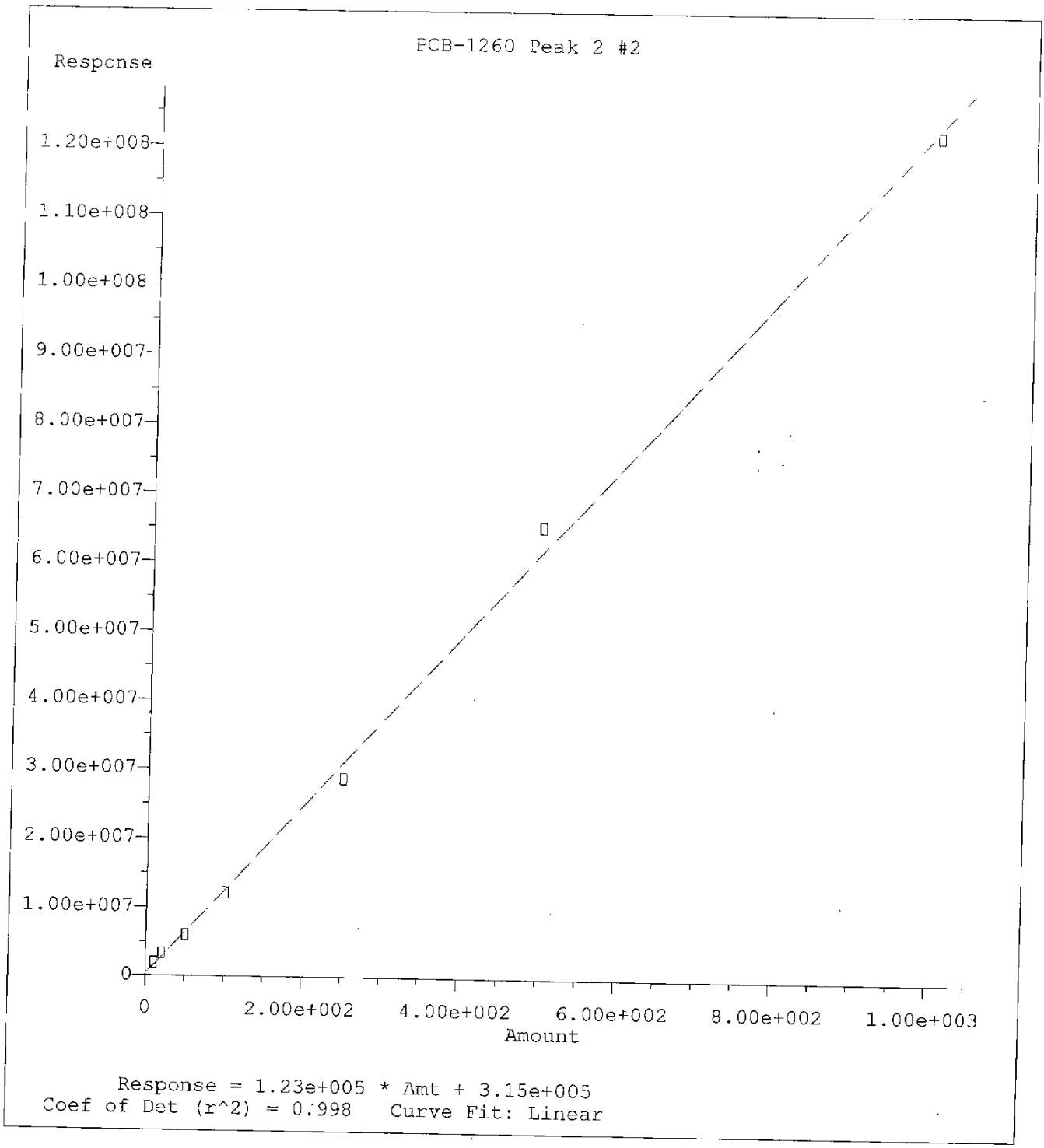
Method Name: Z:\METHODS\1660_8082_070319.M
Calibration Table Last Updated: Tue Mar 20 09:27:49 2007



Method Name: Z:\METHODS\1660_8082_070319.M
Calibration Table Last Updated: Tue Mar 20 09:27:49 2007



Method Name: Z:\METHODS\1660_8082_070319.M
Calibration Table Last Updated: Tue Mar 20 09:27:49 2007



Method Name: Z:\METHODS\1660_8082_070319.M
Calibration Table Last Updated: Tue Mar 20 09:27:49 2007

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	250	25.00	0.00	Z:\DATA\070319_B\PCB6770.D
2	100	10.00	0.00	Z:\DATA\070319_B\PCB6769.D
3	500	50.00	0.00	Z:\DATA\070319_B\PCB6771.D
4	50	5.00	0.00	Z:\DATA\070319_B\PCB6768.D
5	20	2.00	0.00	Z:\DATA\070319_B\PCB6767.D
6	10	1.00	0.00	Z:\DATA\070319_B\PCB6766.D
7	1000	100.00	0.00	Z:\DATA\070319_B\PCB6772.D

#	ID	Update Time	Quant Time	Acquisition Time
1	250	Mar 20 09:18 2007	Mar 20 09:18 2007	
2	100	Mar 20 09:17 2007	Mar 20 09:17 2007	
3	500	Mar 20 09:19 2007	Mar 20 09:19 2007	
4	50	Mar 20 09:17 2007	Mar 20 09:17 2007	
5	20	Mar 20 09:16 2007	Mar 20 09:16 2007	
6	10	Mar 20 09:14 2007	Mar 20 08:31 2007	
7	1000	Mar 20 09:19 2007	Mar 20 09:19 2007	

1660_8082_070319.M Tue Mar 20 09:32:33 2007

Sequence Log

Directory : z:\DATA\070319_B

#	Filename	Sample Name	Date/Time
1	pcb6766.d	10ppm 1016/1260 ICAL STD 561-191-1	03/19/07 14:29
2	pcb6767.d	20ppm 1016/1260 ICAL STD 561-191-2	03/19/07 14:52
3	pcb6768.d	50ppm 1016/1260 ICAL STD 561-191-3	03/19/07 15:16
4	pcb6769.d	100ppm 1016/1260 ICAL STD 561-191-4	03/19/07 15:39
5	pcb6770.d	250ppm 1016/1260 ICAL STD 561-191-5	03/19/07 16:03
6	pcb6771.d	500ppm 1016/1260 ICAL STD 561-191-6	03/19/07 16:27
7	pcb6772.d	1000ppm 1016/1260 ICAL STD 561-191-7	03/19/07 16:50
8	pcb6773.d	100ppm 1016/1260 ICV STD 561-191-8	03/19/07 17:14
9	pcb6774.d	100ppm 1232/1262 ICAL STD 561-192-2	03/19/07 17:38
10	pcb6775.d	100ppm 1242 ICAL STD 561-193-5	03/19/07 18:01
11	pcb6776.d	100ppm 1221/1254 ICAL STD 561-188-1	03/19/07 18:25
12	pcb6777.d	100ppm 1248/1268 ICAL STD 561-193-2	03/19/07 18:49

Signal #1 : Z:\DATA\070319_B\PCB6766.D\ECD1A.CH Vial: 1
Signal #2 : Z:\DATA\070319_B\PCB6766.D\ECD2B.CH
Acq On : 3-19-2007 02:29:07 PM Operator: SNB/SLC
Sample : 10ppm 1016/1260 ICAL STD 561-191-1 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 02 12:05:39 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

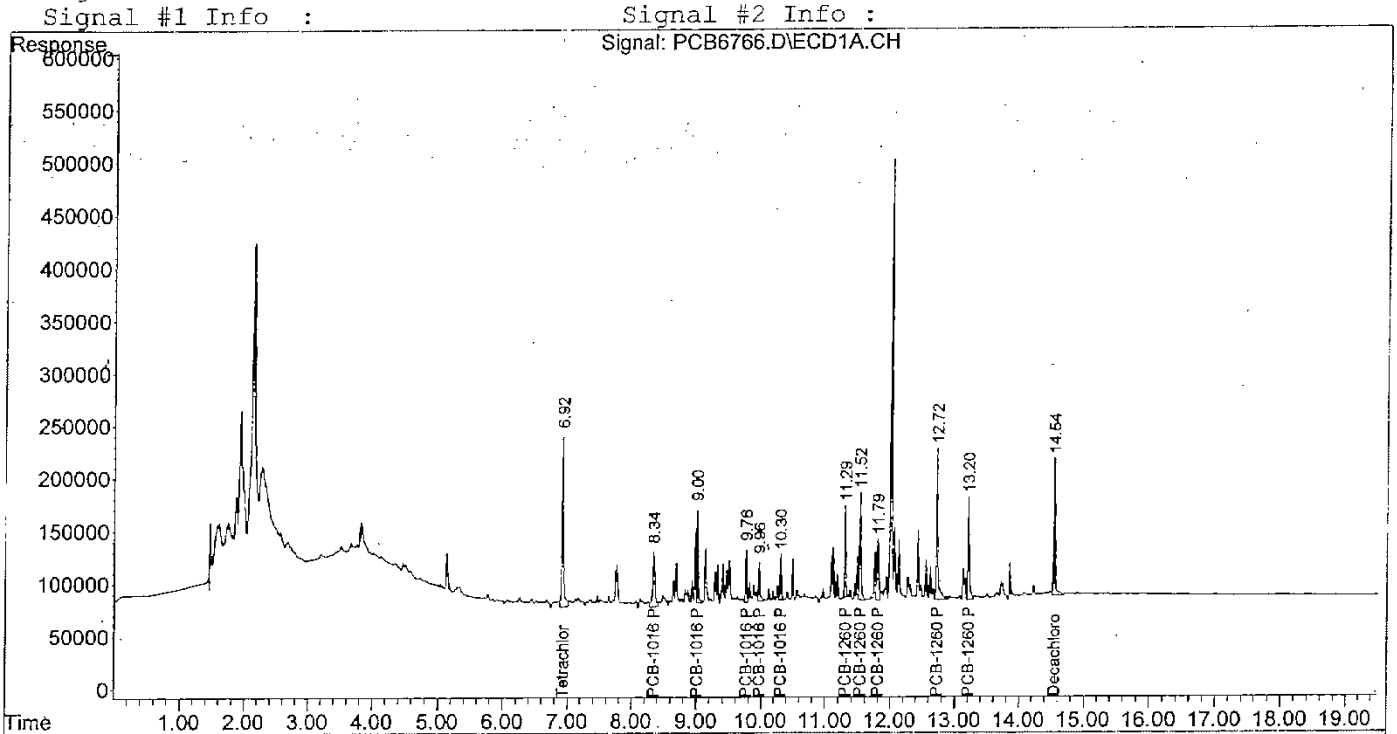
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	2874326	2907410	1.117	0.947
	Spiked Amount 20.000			Recovery =		5.59%	4.73%
14)	S Decachlorobiphen	14.54	15.86	2051386	2113632	1.089	1.061
	Spiked Amount 20.000			Recovery =		5.45%	5.30%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	1283667	783488	6.917	11.813 #
3)	L3 PCB-1016 Peak 2	9.00	10.07	1262412	1332246	10.124	13.208 #
4)	L3 PCB-1016 Peak 3	9.76	10.16	653288	1010781	10.582	5.809 #
5)	L3 PCB-1016 Peak 4	9.96	10.75	624644	707073	11.906	6.791 #
6)	L3 PCB-1016 Peak 5	10.30	11.31	630230	709848	10.379	10.416
7)	L3 PCB-1016 - Total	0.00	0.00	4454241	4543437	11.392m	11.523m
8)	L4 PCB-1260 Peak 1	11.29	12.35f	1138076	1381008	9.977	10.611
9)	L4 PCB-1260 Peak 2	11.52	12.35	1504132	1381008	9.951	8.671
10)	L4 PCB-1260 Peak 3	11.79	12.69	1360616	1484817	4.042	10.638 #
11)	L4 PCB-1260 Peak 4	12.72	13.87f	2410590	2287604	11.024	10.536
12)	L4 PCB-1260 Peak 5	13.21	14.24	1757982	1258737	10.404	9.921
13)	L4 PCB-1260 - Total	0.00	0.00	8171397	7793175	10.959m	10.370m

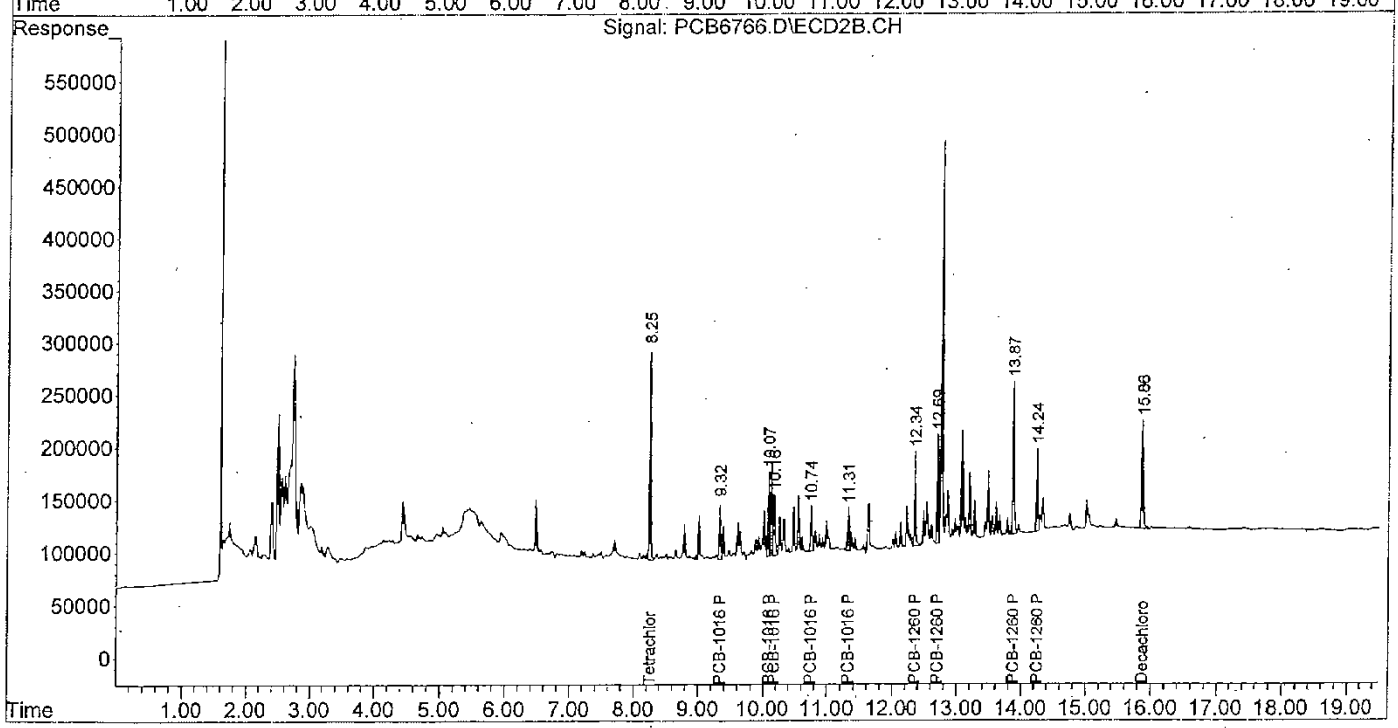
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070319_B\PCB6766.D\ECD1A.CH Vial: 1
Signal #2 : Z:\DATA\070319_B\PCB6766.D\ECD2B.CH
Acq On : 3-19-2007 02:29:07 PM Operator: SNB/SLC
Sample : 10ppm 1016/1260 ICAL STD 561-191-1 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 2 12:05 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6767.D\ECD1A.CH Vial: 2
Signal #2 : Z:\DATA\070319_B\PCB6767.D\ECD2B.CH
Acq On : 3-19-2007 02:52:44 PM Operator: SNB/SLC
Sample : 20ppm 1016/1260 ICAL STD 561-191-2 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 02 12:05:46 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

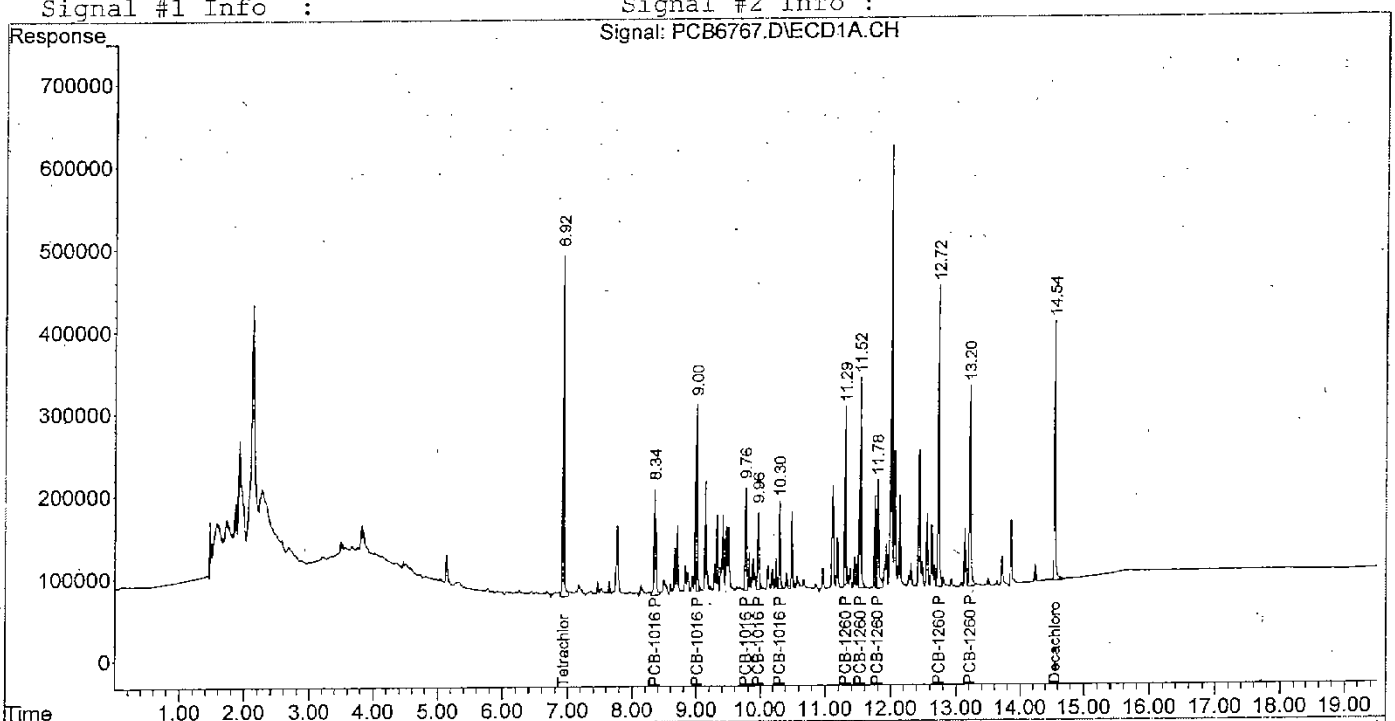
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	6468423	7466087	2.514	2.433
	Spiked Amount 20.000			Recovery =		12.57%	12.16%
14)	S Decachlorobiphen	14.54	15.86	4750284	4965732	2.521	2.492
	Spiked Amount 20.000			Recovery =		12.61%	12.46%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	2738911	1848971	24.102	27.878
3)	L3 PCB-1016 Peak 2	9.00	10.07	3136940	2837297	25.157	28.130
4)	L3 PCB-1016 Peak 3	9.76	10.16	1612954	2250815	26.127	22.262
5)	L3 PCB-1016 Peak 4	9.96	10.74	1381588	1637294	26.334	22.914
6)	L3 PCB-1016 Peak 5	10.30	11.31	1543855	1732200	25.425	25.418
7)	L3 PCB-1016 - Total	0.00	0.00	10414247	10306577	26.635m	26.139m
8)	L4 PCB-1260 Peak 1	11.29	12.35f	2883810	3284812	25.282	25.238
9)	L4 PCB-1260 Peak 2	11.52	12.35	3711197	3284812	24.553	24.156
10)	L4 PCB-1260 Peak 3	11.78	12.69	2822359	3650443	23.573	26.153
11)	L4 PCB-1260 Peak 4	12.72	13.87f	5265606	5341042	24.081	24.599
12)	L4 PCB-1260 Peak 5	13.21	14.24	4037679	3162118	23.896	24.924
13)	L4 PCB-1260 - Total	0.00	0.00	18720651	18723227	25.106m	24.915m

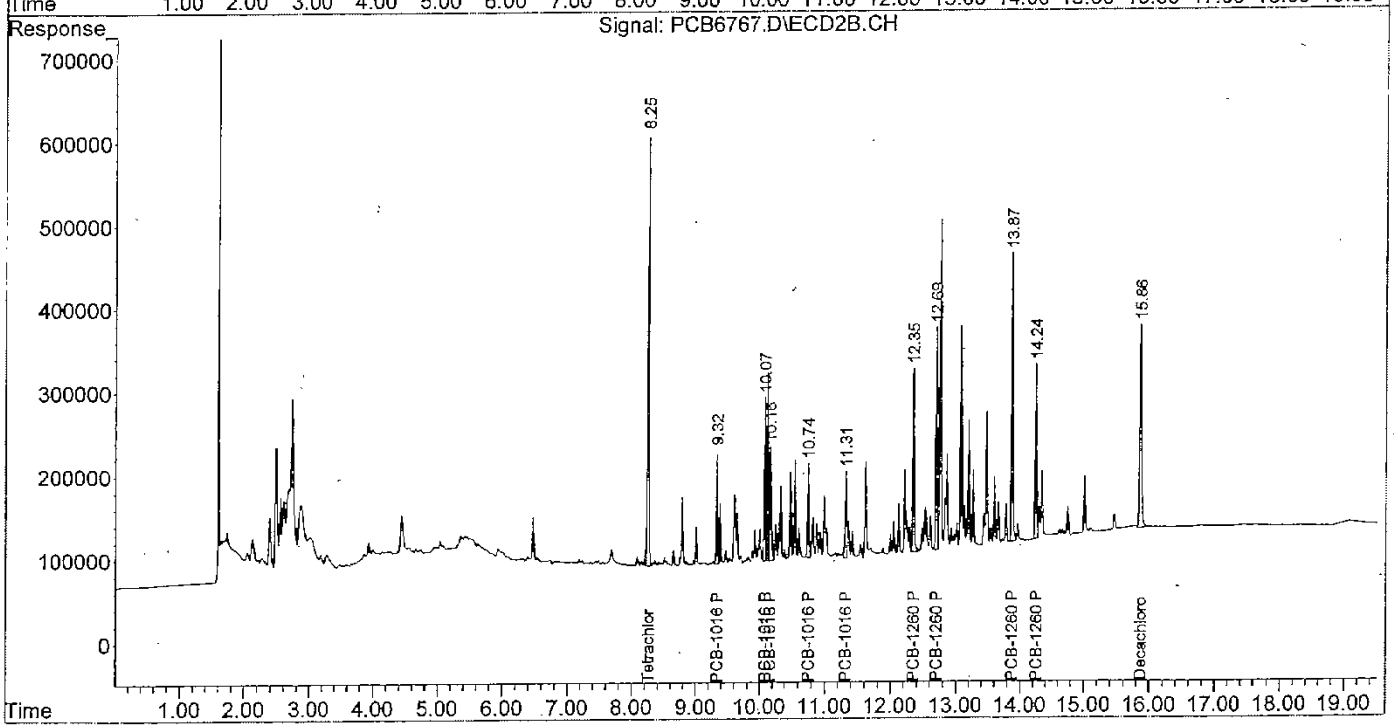
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070319_B\PCB6767.D\ECD1A.CH Vial: 2
Signal #2 : Z:\DATA\070319_B\PCB6767.D\ECD2B.CH
Acq On : 3-19-2007 02:52:44 PM Operator: SNB/SLC
Sample : 20ppm 1016/1260 ICAL STD 561-191-2 Inst : sea034
Misc : BT=SEAC3416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 2 12:05 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6768.D\ECD1A.CH Vial: 3
Signal #2 : Z:\DATA\070319_B\PCB6768.D\ECD2B.CH
Acq On : 3-19-2007 03:16:24 PM Operator: SNB/SLC
Sample : 50ppm 1016/1260 ICAL STD 561-191-3 Inst : sea034
Misc : BT=SEA0341672[illegible] Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 02 12:05:52 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

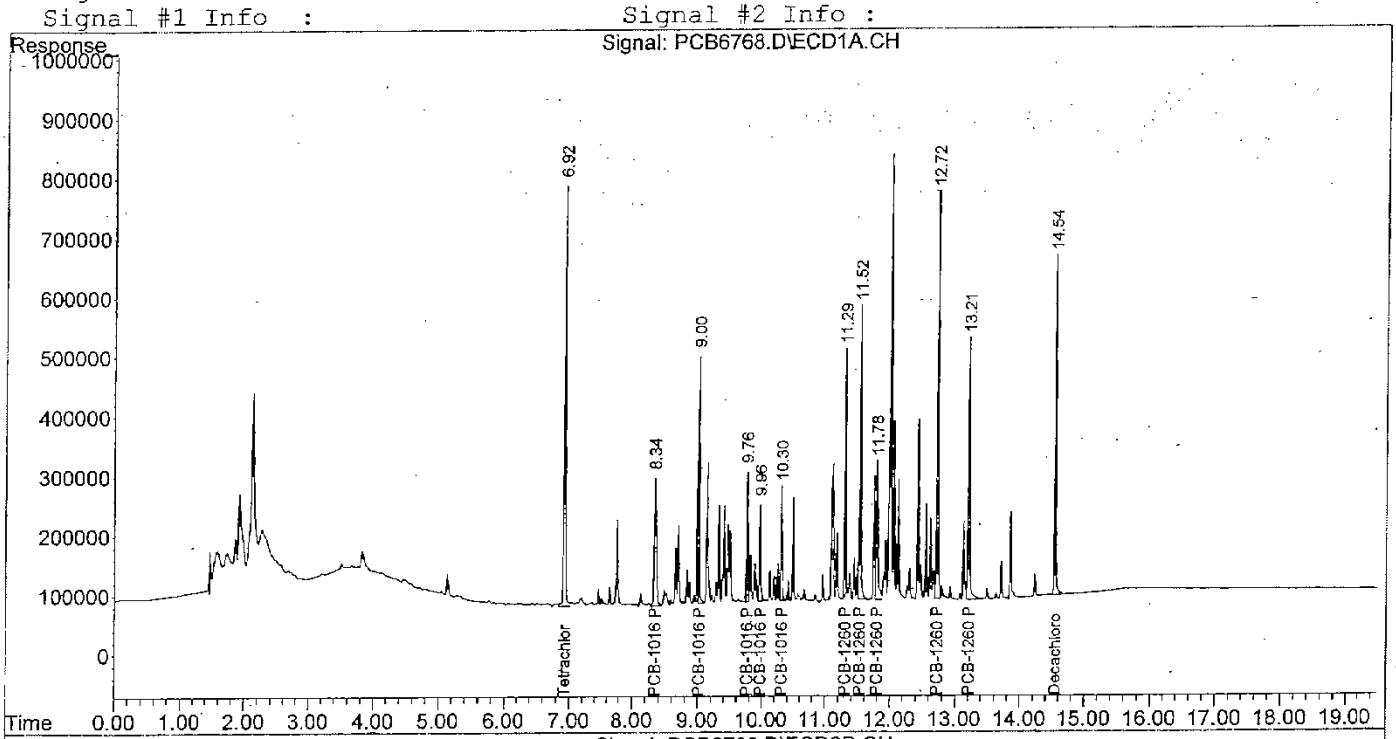
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	11280066	13510366	4.385	4.402
	Spiked Amount 20.000			Recovery	=	21.93%	22.01%
14)	S Decachlorobiphen	14.54	15.86	8363329	8754815	4.439	4.394
	Spiked Amount 20.000			Recovery	=	22.20%	21.97%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	4596684	3161771	46.041	47.672
3)	L3 PCB-1016 Peak 2	9.00	10.07	5775602	4891151	46.319	48.493
4)	L3 PCB-1016 Peak 3	9.76	10.16	2844201	3934141	46.072	44.596
5)	L3 PCB-1016 Peak 4	9.96	10.75	2417605	3067364	46.081	47.700
6)	L3 PCB-1016 Peak 5	10.30	11.31	2797428	3092418	46.070	45.377
7)	L3 PCB-1016 - Total	0.00	0.00	18431520	18146846	47.140m	46.023m
8)	L4 PCB-1260 Peak 1	11.29	12.35f	5328938	5991617	46.717	46.035
9)	L4 PCB-1260 Peak 2	11.52	12.35	6953801	5991617	46.006	46.172
10)	L4 PCB-1260 Peak 3	11.78	12.69	4555843	6701162	46.734	48.010
11)	L4 PCB-1260 Peak 4	12.72	13.87f	9813933	9877113	44.882	45.491
12)	L4 PCB-1260 Peak 5	13.21	14.24	7778890	5624957	46.038	44.335
13)	L4 PCB-1260 - Total	0.00	0.00	34431404	34186464	46.176m	45.492m

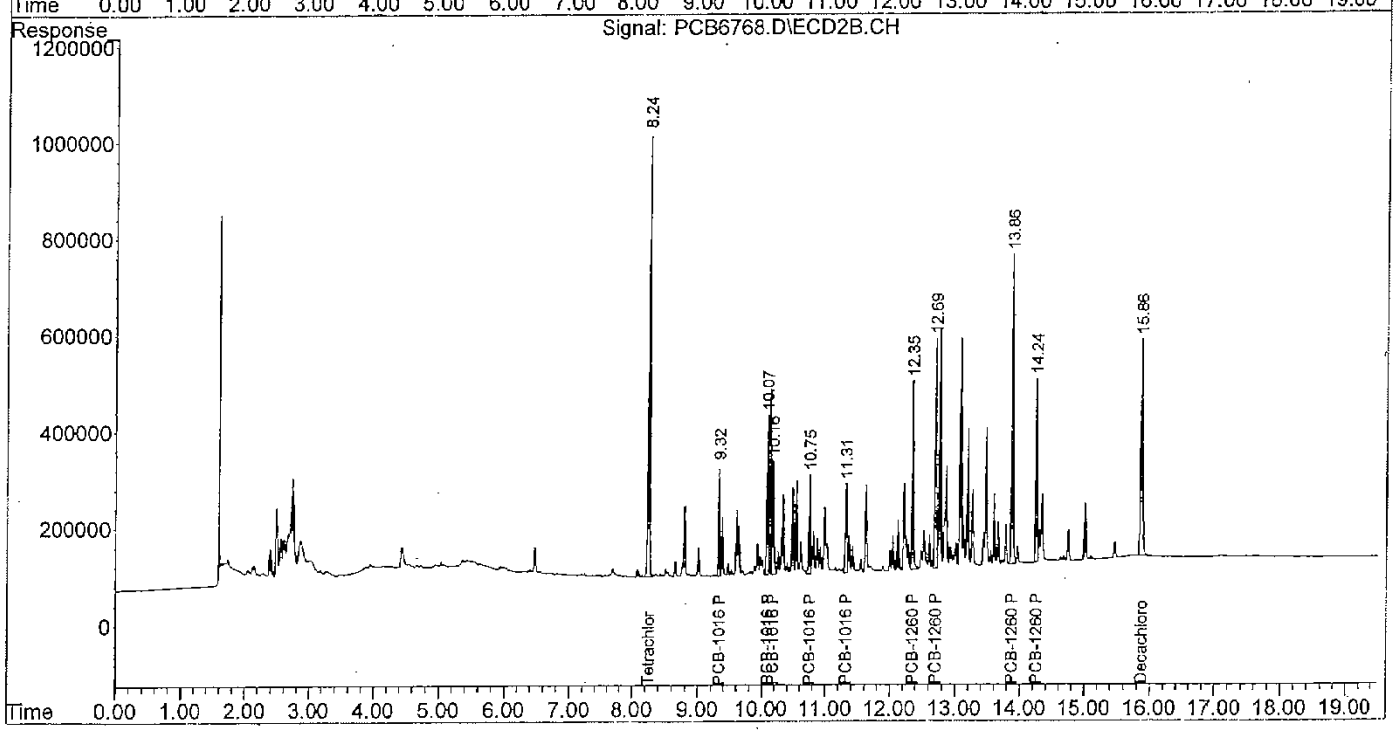
(f)=RT Delta > 1/2 Window (#)=Amounts differ by >=25% (m)=manual int.

Signal #1 : Z:\DATA\070319_B\PCB6768.D\ECD1A.CH Vial: 3
Signal #2 : Z:\DATA\070319_B\PCB6768.D\ECD2B.CH
Acq On : 3-19-2007 03:16:24 PM Operator: SNB/SLC
Sample : 50ppm 1016/1260 ICAL SID 561-191-3 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 2 12:05 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6769.D\ECD1A.CH Vial: 4
Signal #2 : Z:\DATA\070319_B\PCB6769.D\ECD2B.CH
Acq On : 3-19-2007 03:39:59 PM Operator: SNB/SLC
Sample : 100ppm 1016/1260 ICAL STD 561-191-4 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 02 12:05:58 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.25f	23737368	30562541	9.227	9.959
	Spiked Amount 20.000			Recovery	=	46.14%	49.80%
14) S	Decachlorobiphen	14.54	15.86	18136258	19350043	9.626	9.711
	Spiked Amount 20.000			Recovery	=	48.13%	48.56%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	9341879	6654754	102.079	100.338
3) L3	PCB-1016 Peak 2	9.00	10.07	12106567	9843858	97.091	97.596
4) L3	PCB-1016 Peak 3	9.76	10.16	6015859	8115918	97.447	100.079
5) L3	PCB-1016 Peak 4	9.96	10.74	4958204	5908558	94.506	96.943
6) L3	PCB-1016 Peak 5	10.30	11.31	5610259	6050530	92.394	88.783
7) L3	PCB-1016 - Total	0.00	0.00	38032768	36573618	97.273m	92.756m
8) L4	PCB-1260 Peak 1	11.29	12.35f	10656681	12124429	93.424	93.155
9) L4	PCB-1260 Peak 2	11.52	12.35	14442136	12124429	95.548	96.056
10) L4	PCB-1260 Peak 3	11.78	12.69	8569373	13482966	100.359	96.598
11) L4	PCB-1260 Peak 4	12.72	13.86f	20225562	19276647	92.497	88.783
12) L4	PCB-1260 Peak 5	13.21	14.24	16142611	11664700	95.537	91.940
13) L4	PCB-1260 - Total	0.00	0.00	70036364	68673170	93.925m	91.384m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

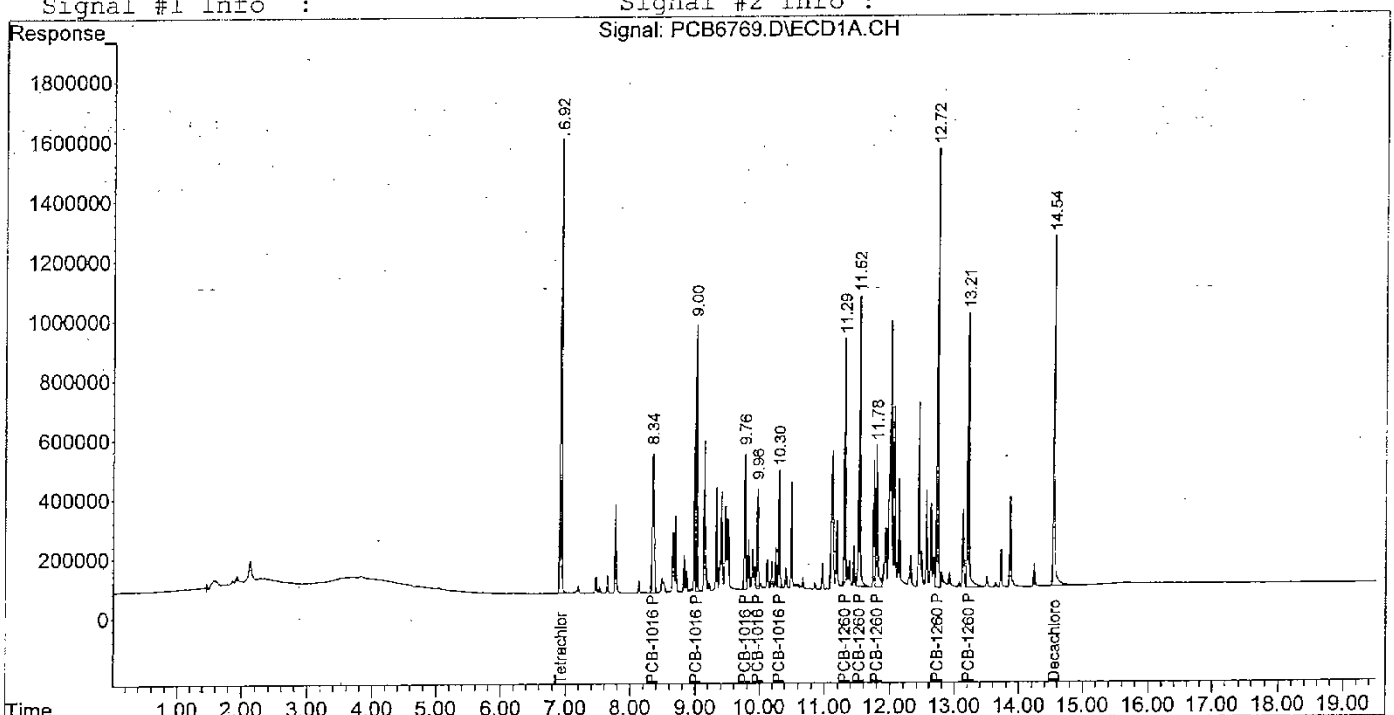
Data File Name PCB6769.D
Operator SNB/SLC
Date Acquired 3/19/2007
Instrument Name sea034

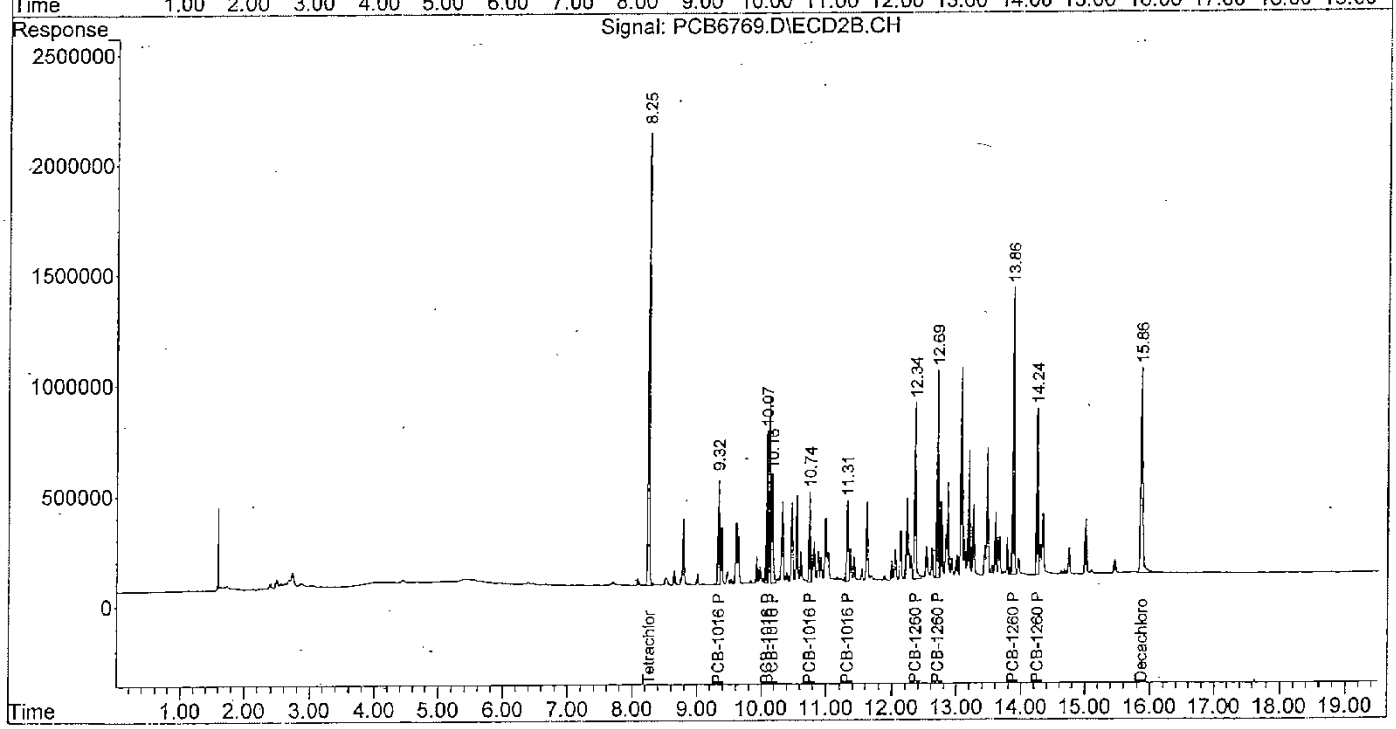
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.339	9341879	99.7	9.323	6654754	95.1
PCB-1016 Peak 2	9.004	12106567	90.6	10.075	9843858	92.9
PCB-1016 Peak 3	9.758	6015859	92.7	10.161	8115918	75.0
PCB-1016 Peak 4	9.961	4958204	88.8	10.745	5908558	72.6
PCB-1016 Peak 5	10.298	5610259	84.8	11.309	6050530	77.2
		Average	91.3		Average	82.5
		Actual	100.0		Actual	100.0
		% Recovery	91.3 **Pass**		% Recovery	82.5 **Pass**
PCB-1260 Peak 1	11.291	10656681	87.7	12.345	12124429	86.2
PCB-1260 Peak 2	11.519	14442136	91.2	12.345	12124429	76.5
PCB-1260 Peak 3	11.782	8569373	77.8	12.692	13482966	95.5
PCB-1260 Peak 4	12.719	20225562	86.6	13.865	19276647	83.4
PCB-1260 Peak 5	13.207	16142611	90.8	14.243	11664700	88.3
		Average	86.8		Average	86.0
		Actual	100.0		Actual	100.0
		% Recovery	86.8 **Pass**		% Recovery	86.0 **Pass**

Signal #1 : Z:\DATA\070319_B\PCB6769.D\ECD1A.CH Vial: 4
Signal #2 : Z:\DATA\070319_B\PCB6769.D\ECD2B.CH
Acq On : 3-19-2007 03:39:59 PM Operator: SNB/SLC
Sample : 100ppm 1016/1260 ICAL STD 561-191-4 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 2 12:05 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6773.D\ECD1A.CH Vial: 8
Signal #2 : Z:\DATA\070319_B\PCB6773.D\ECD2B.CH
Acq On : 3-19-2007 05:14:27 PM Operator: SNB/SLC
Sample : 100ppm 1016/1260 ICV STD 561-191-8 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 09:39:51 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	24456157	30120560	9.507	9.815
	Spiked Amount 20.000			Recovery =		47.53%	49.07%
14)	S Decachlorobiphen	14.54	15.86	18544086	19304339	9.843	9.688
	Spiked Amount 20.000			Recovery =		49.21%	48.44%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9809109	6798847	107.596	102.510
3)	L3 PCB-1016 Peak 2	9.00	10.07	12240216	10225773	98.163	101.382
4)	L3 PCB-1016 Peak 3	9.76	10.16	5965128	8116558	96.626	100.088
5)	L3 PCB-1016 Peak 4	9.96	10.74	5074312	6084330	96.719	99.989
6)	L3 PCB-1016 Peak 5	10.30	11.31	5220668	5675220	85.978	83.276
7)	L3 PCB-1016 - Total	0.00	0.00	38309432	36900728	97.980m	93.586m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	11984909	13286744	105.068	102.085
9)	L4 PCB-1260 Peak 2	11.52	12.34	15075548	13286744	99.739	105.510
10)	L4 PCB-1260 Peak 3	11.78	12.69	9125245	14710228	107.786	105.390
11)	L4 PCB-1260 Peak 4	12.72	13.86f	25944245	25349298	118.650	116.752
12)	L4 PCB-1260 Peak 5	13.21	14.24	19595808	14905869	115.974	117.487
13)	L4 PCB-1260 - Total	0.00	0.00	81725755	81538883	109.602m	108.505m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

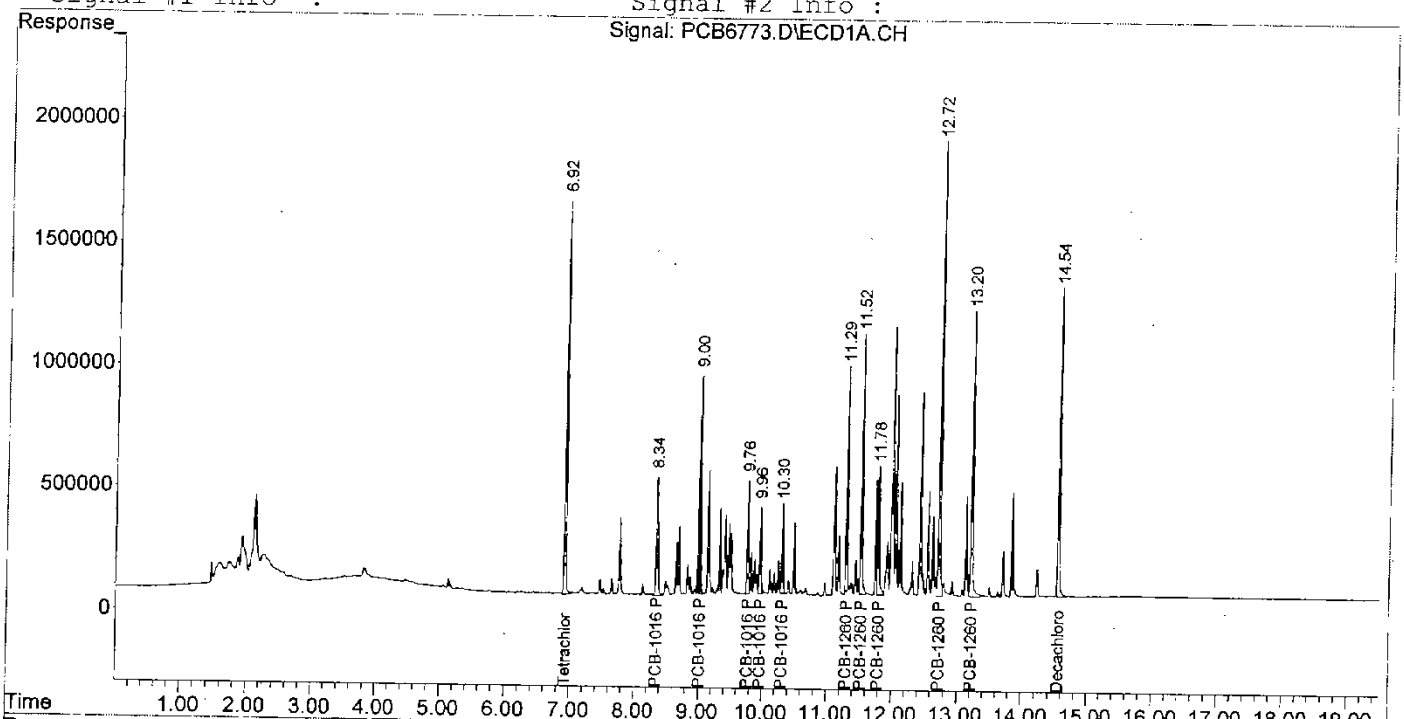
Data File Name PCB6773.D
Operator SNB/SLC
Date Acquired 3/19/2007
Instrument Name sea034

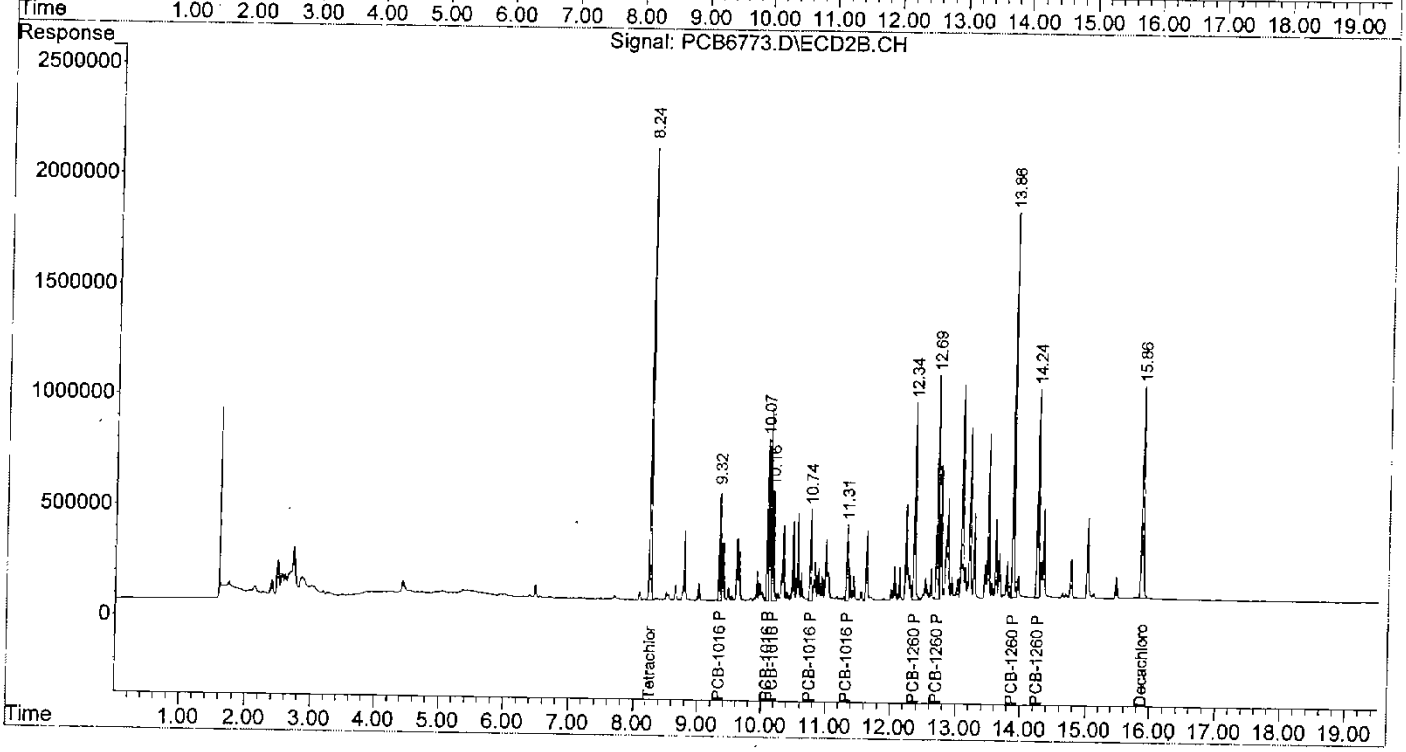
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.339	9809109	107.6	9.322	6798847	102.5
PCB-1016 Peak 2	9.004	12240216	98.2	10.073	10225773	101.4
PCB-1016 Peak 3	9.757	5965128	96.6	10.160	8116558	100.1
PCB-1016 Peak 4	9.961	5074312	96.7	10.744	6084330	100.0
PCB-1016 Peak 5	10.298	5220668	86.0	11.309	5675220	83.3
		Average	97.0		Average	97.4
		Actual	100.0		Actual	100.0
		% Recovery	97.0 **Pass**		% Recovery	97.4 **Pass**
PCB-1260 Peak 1	11.290	11984909	105.1	12.345	13286744	102.1
PCB-1260 Peak 2	11.519	15075548	99.7	12.345	13286744	105.5
PCB-1260 Peak 3	11.782	9125245	107.8	12.691	14710228	105.4
PCB-1260 Peak 4	12.718	25944245	118.7	13.865	25349298	116.8
PCB-1260 Peak 5	13.205	19595808	116.0	14.243	14905869	117.5
		Average	109.4		Average	109.4
		Actual	100.0		Actual	100.0
		% Recovery	109.4 **Pass**		% Recovery	109.4 **Pass**

Signal #1 : Z:\DATA\070319_B\PCB6773.D\ECD1A.CH Vial: 8
Signal #2 : Z:\DATA\070319_B\PCB6773.D\ECD2B.CH
Acq On : 3-19-2007 05:14:27 PM Operator: SNB/SLC
Sample : 100ppm 1016/1260 ICV STD 561-191-8 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 9:39 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6770.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070319_B\PCB6770.D\ECD2B.CH
Acq On : 3-19-2007 04:03:35 PM Operator: SNB/SLC
Sample : 250ppm 1016/1260 ICAL STD 561-191-5 Inst : sea034
Misc : BT=SEA0341672 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 02 12:06:04 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	56733252	72560615	22.053	23.644
	Spiked Amount 20.000			Recovery	=	110.27%	118.22%
14)	S Decachlorobiphen	14.54	15.86	41132202	43995554	21.832	22.080
	Spiked Amount 20.000			Recovery	=	109.16%	110.40%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	21554003	15364544	246.295	231.660
3)	L3 PCB-1016 Peak 2	9.00	10.07	28902120	23250334	231.786	230.512
4)	L3 PCB-1016 Peak 3	9.76	10.16	14244214	18711098	230.734	240.655
5)	L3 PCB-1016 Peak 4	9.96	10.74	11806289	13874667	225.033	235.011
6)	L3 PCB-1016 Peak 5	10.30	11.31	13368990	14141483	220.172	207.506
7)	L3 PCB-1016 - Total	0.00	0.00	89875617	85342127	229.866m	216.441m
8)	L4 PCB-1260 Peak 1	11.29	12.35f	25217974	28723860	221.079	220.692
9)	L4 PCB-1260 Peak 2	11.52	12.35	33895022	28723860	224.248	231.073
10)	L4 PCB-1260 Peak 3	11.78	12.69	19373671	32093252	244.717	229.930
11)	L4 PCB-1260 Peak 4	12.72	13.87f	48058281	47278632	219.784	217.753
12)	L4 PCB-1260 Peak 5	13.21	14.24	37768130	27904912	223.523	219.944
13)	L4 PCB-1260 - Total	0.00	0.00	164.3E6	164.7E6	220.359m	219.201m

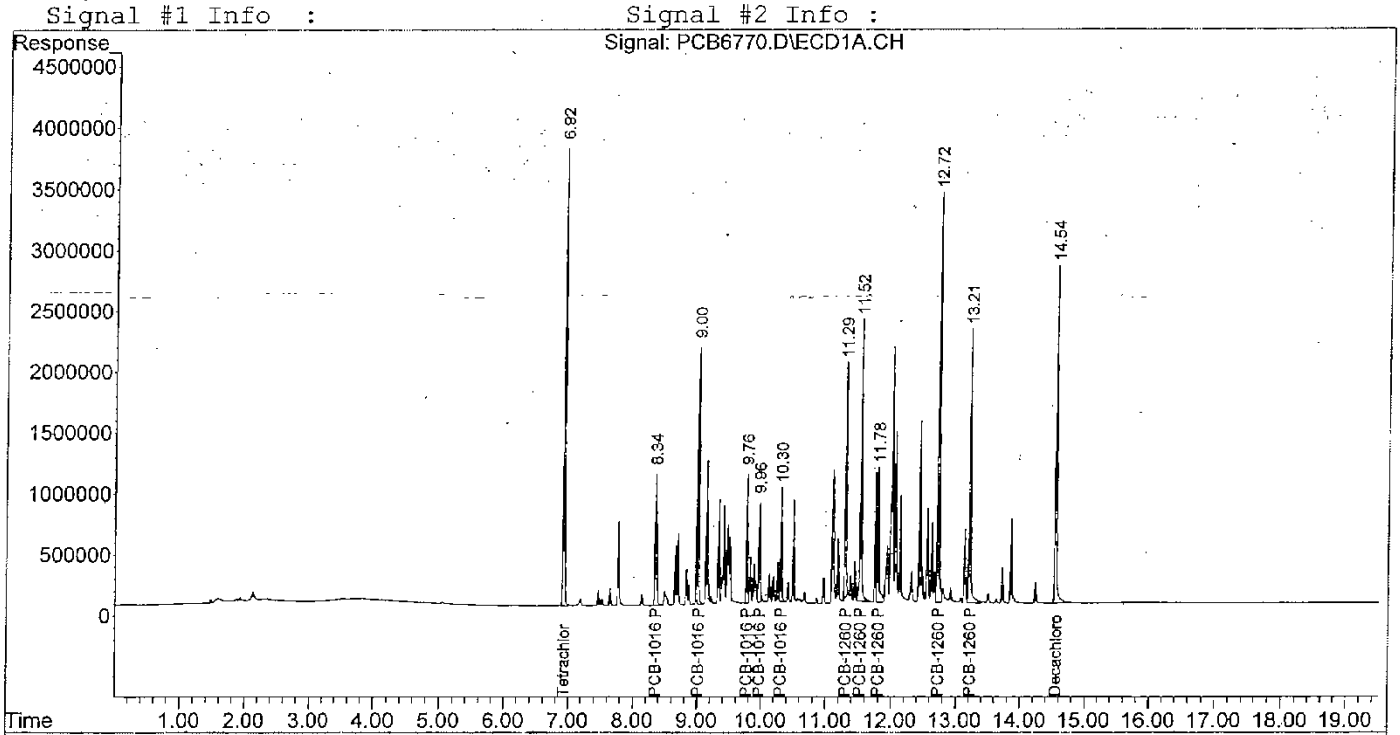
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

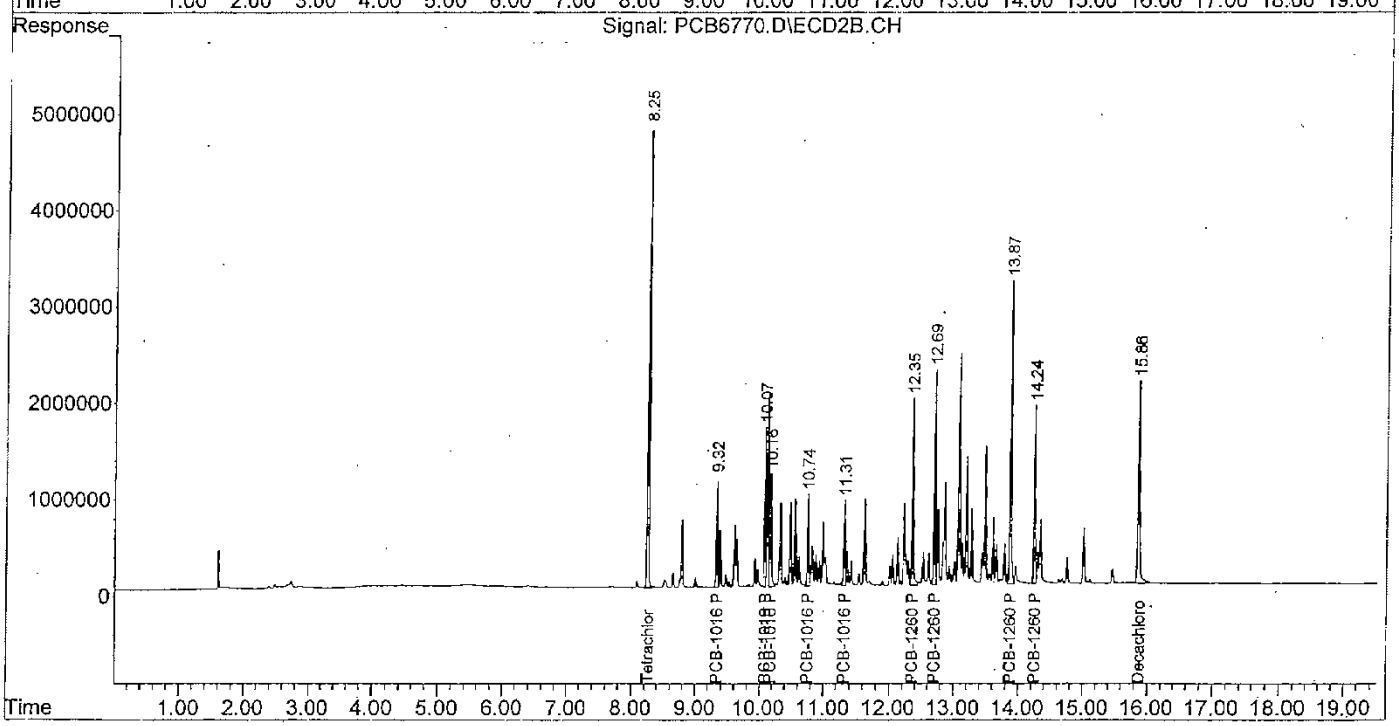
Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070319_B\PCB6770.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070319_B\PCB6770.D\ECD2B.CH
Acq On : 3-19-2007 04:03:35 PM Operator: SNB/SLC
Sample : 250ppm 1016/1260 ICAL STD 561-191-5 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 2 12:06 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6771.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070319_B\PCB6771.D\ECD2B.CH
Acq On : 3-19-2007 04:27:16 PM Operator: SNB/SLC
Sample : 500ppm 1016/1260 ICAL STD 561-191-6 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 02 12:06:10 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

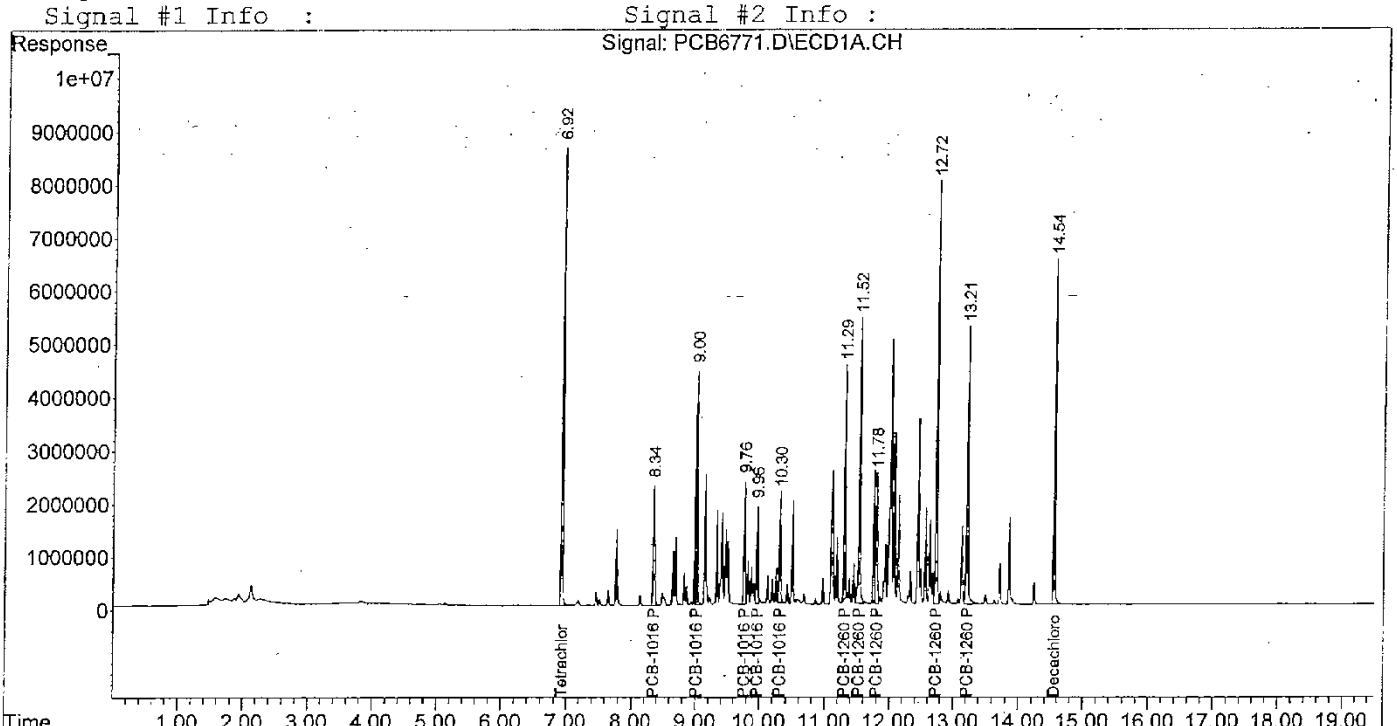
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.25f	129.8E6	160.2E6	50.467	52.199
	Spiked Amount 20.000			Recovery =		252.33%	261.00%
14) S	Decachlorobiphen	14.54	15.86	94336151	101.1E6	50.071	50.738
	Spiked Amount 20.000			Recovery =		250.35%	253.69%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	45086677	32758981	524.199	493.926
3) L3	PCB-1016 Peak 2	9.00	10.07	60706618	50541579	486.848	501.087
4) L3	PCB-1016 Peak 3	9.76	10.16	30913416	39732336	500.748	519.562
5) L3	PCB-1016 Peak 4	9.96	10.74	26421374	30466371	503.604	522.578
6) L3	PCB-1016 Peak 5	10.30	11.31	30162055	32124672	496.734	471.383
7) L3	PCB-1016 - Total	0.00	0.00	193.3E6	185.6E6	494.359m	470.772m
8) L4	PCB-1260 Peak 1	11.29	12.35f	58730620	65312864	514.874	501.814
9) L4	PCB-1260 Peak 2	11.52	12.35	78919842	65312864	522.130	528.682
10) L4	PCB-1260 Peak 3	11.78	12.69	40599546	74943178	528.318	536.925
11) L4	PCB-1260 Peak 4	12.72	13.87f	113.0E6	114.4E6	516.644	527.066
12) L4	PCB-1260 Peak 5	13.21	14.24	87640522	67785583	518.683	534.281
13) L4	PCB-1260 - Total	0.00	0.00	378.9E6	387.8E6	508.088m	516.038m

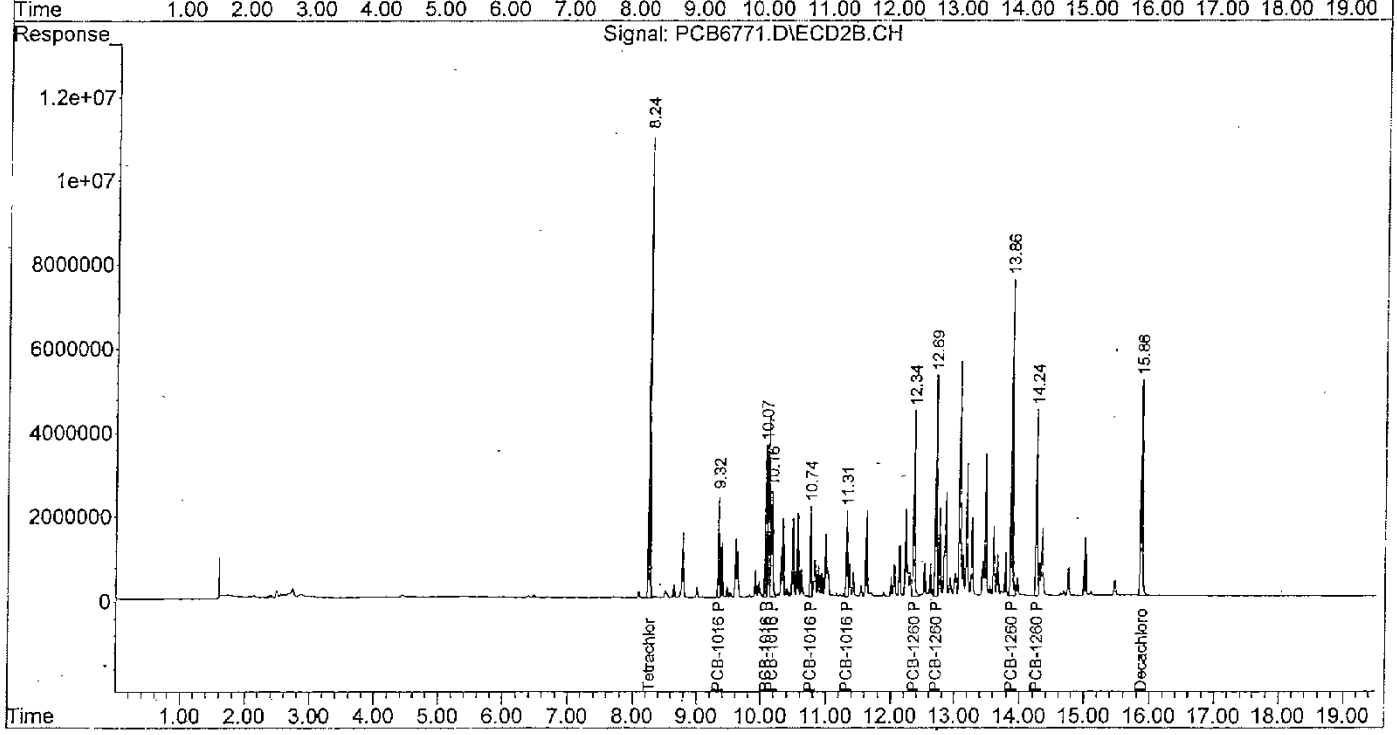
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070319_B\PCB6771.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070319_B\PCB6771.D\ECD2B.CH
Acq On : 3-19-2007 04:27:16 PM Operator: SNB/SLC
Sample : 500ppm 1016/1260 ICAL STD 561-191-6 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 2 12:06 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6772.D\ECD1A.CH Vial: 7
Signal #2 : Z:\DATA\070319_B\PCB6772.D\ECD2B.CH
Acq On : 3-19-2007 04:50:52 PM Operator: SNB/SLC
Sample : 1000ppm 1016/1260 ICAL STD 561-191-7 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 02 12:06:16 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

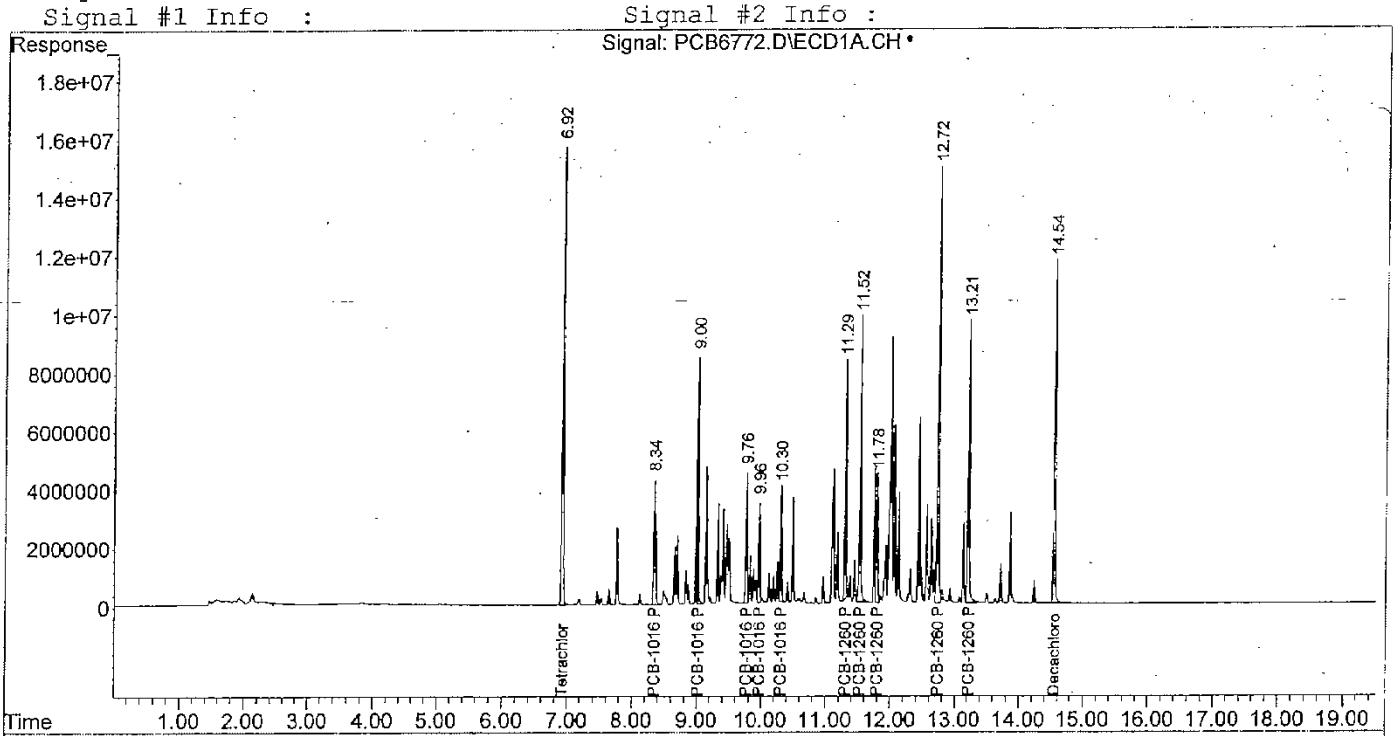
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.25f	240.4E6	297.7E6	93.432	97.019
	Spiked Amount 20.000			Recovery =		467.16%	485.10%
14) S	Decachlorobiphen	14.54	15.86	174.3E6	188.3E6	92.536	94.527
	Spiked Amount 20.000			Recovery =		462.68%	472.63%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	84433074	60826090	988.851	917.110
3) L3	PCB-1016 Peak 2	9.00	10.07	114.0E6	95487000	914.556	946.692
4) L3	PCB-1016 Peak 3	9.76	10.16	58507674	75398244	947.732	992.772
5) L3	PCB-1016 Peak 4	9.96	10.74	50068473	57596779	954.328	992.800
6) L3	PCB-1016 Peak 5	10.30	11.31	56672599	60493491	933.331	887.654
7) L3	PCB-1016 - Total	0.00	0.00	363.7E6	349.8E6	930.252m	887.152m
8) L4	PCB-1260 Peak 1	11.29	12.35f	109.0E6	122.1E6	955.561	938.392
9) L4	PCB-1260 Peak 2	11.52	12.35	145.2E6	122.1E6	960.367	990.864
10) L4	PCB-1260 Peak 3	11.78	12.69	74953704	140.5E6	987.328	1006.562
11) L4	PCB-1260 Peak 4	12.72	13.87f	209.6E6	215.7E6	958.487	993.611
12) L4	PCB-1260 Peak 5	13.21	14.24	161.7E6	127.8E6	957.178	1007.245
13) L4	PCB-1260 - Total	0.00	0.00	700.4E6	728.3E6	939.340m	969.142m

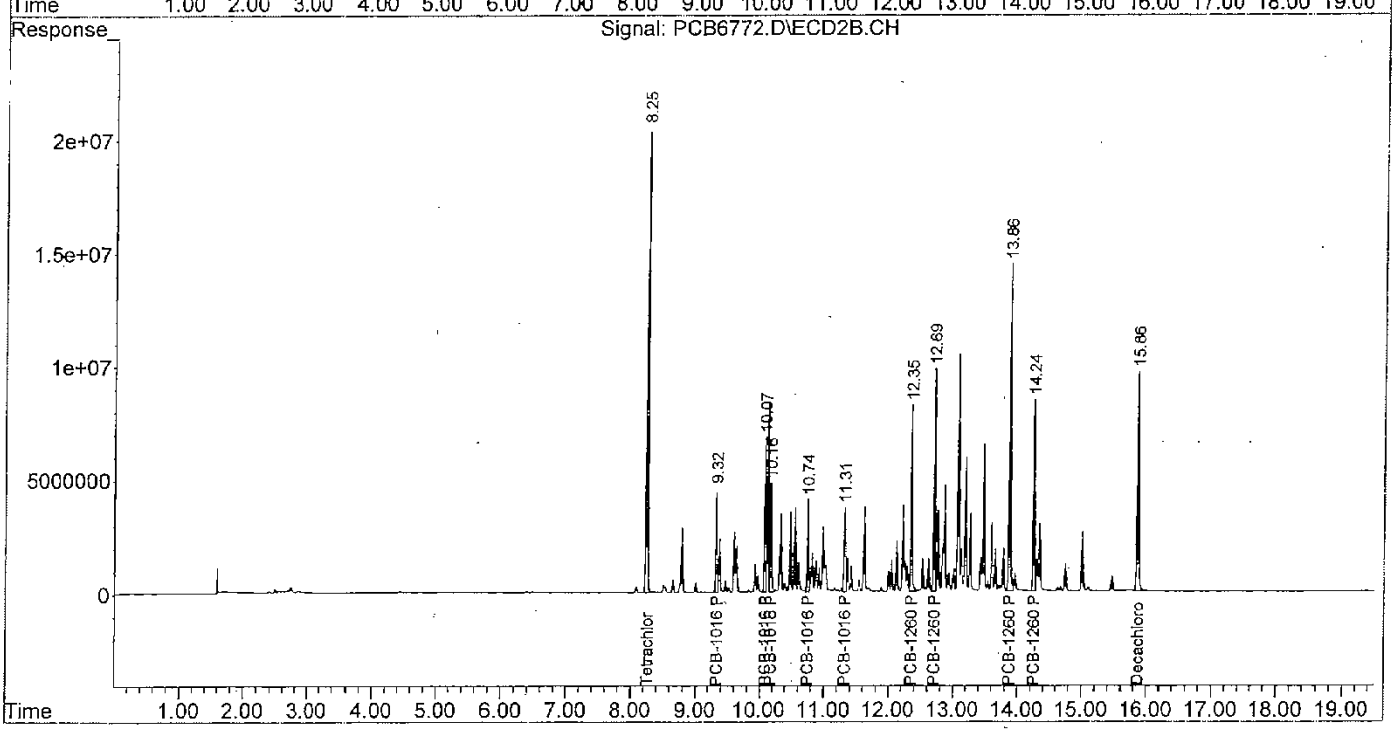
(f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

Signal #1 : Z:\DATA\070319_B\PCB6772.D\ECD1A.CH Vial: 7
Signal #2 : Z:\DATA\070319_B\PCB6772.D\ECD2B.CH
Acq On : 3-19-2007 04:50:52 PM Operator: SNB/SLC
Sample : 1000ppm 1016/1260 ICAL STD 561-191-7 Inst : sea034
Misc : BC=SEA03416721 Multipl: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 2 12:06 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070319_B\PCB6774.D\ECD1A.CH Vial: 9
Signal #2 : Z:\DATA\070319_B\PCB6774.D\ECD2B.CH
Acq On : 3-19-2007 05:38:08 PM Operator: SNB/SLC
Sample : 100ppm 1232/1262 ICAL STD 561-192-2 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 09:40:11 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
System Monitoring Compounds						
1) S Tetrachloro-m-xy	6.92	8.25f	21943815	27124598	8.530	8.838
Spiked Amount 20.000			Recovery =		42.65%	44.19%
14) S Decachlorobiphen	14.54	15.86	17298390	18437666	9.182	9.253
Spiked Amount 20.000			Recovery =		45.91%	46.27%
Target Compounds						
2) L3 PCB-1016 Peak 1	8.34	9.32	7189781	5059949	76.664	76.292
3) L3 PCB-1016 Peak 2	9.00	10.07	9110734	7571681	73.065	75.068
4) L3 PCB-1016 Peak 3	9.76	10.16	4510677	6004104	73.066	72.060
5) L3 PCB-1016 Peak 4	9.96	10.74	3764113	4481033	71.746	72.201
6) L3 PCB-1016 Peak 5	10.30	11.32	5841116	4417985	96.196	64.827 #
7) L3 PCB-1016 - Total	0.00	0.00	30416421	27534751	77.793m	69.832m
8) L4 PCB-1260 Peak 1	11.29	12.35f	8783369	9422263	77.001	72.393
9) L4 PCB-1260 Peak 2	11.52	12.35	10307515	9422263	68.194	74.077
10) L4 PCB-1260 Peak 3	11.79	12.69	7244817	10442745	82.662	74.816
11) L4 PCB-1260 Peak 4	12.72	13.87f	26904291	26603704	123.041	122.530
12) L4 PCB-1260 Peak 5	13.21	14.25	20333279	16896198	120.339	133.174
13) L4 PCB-1260 - Total	0.00	0.00	73573270	72787173	98.669m	96.859m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

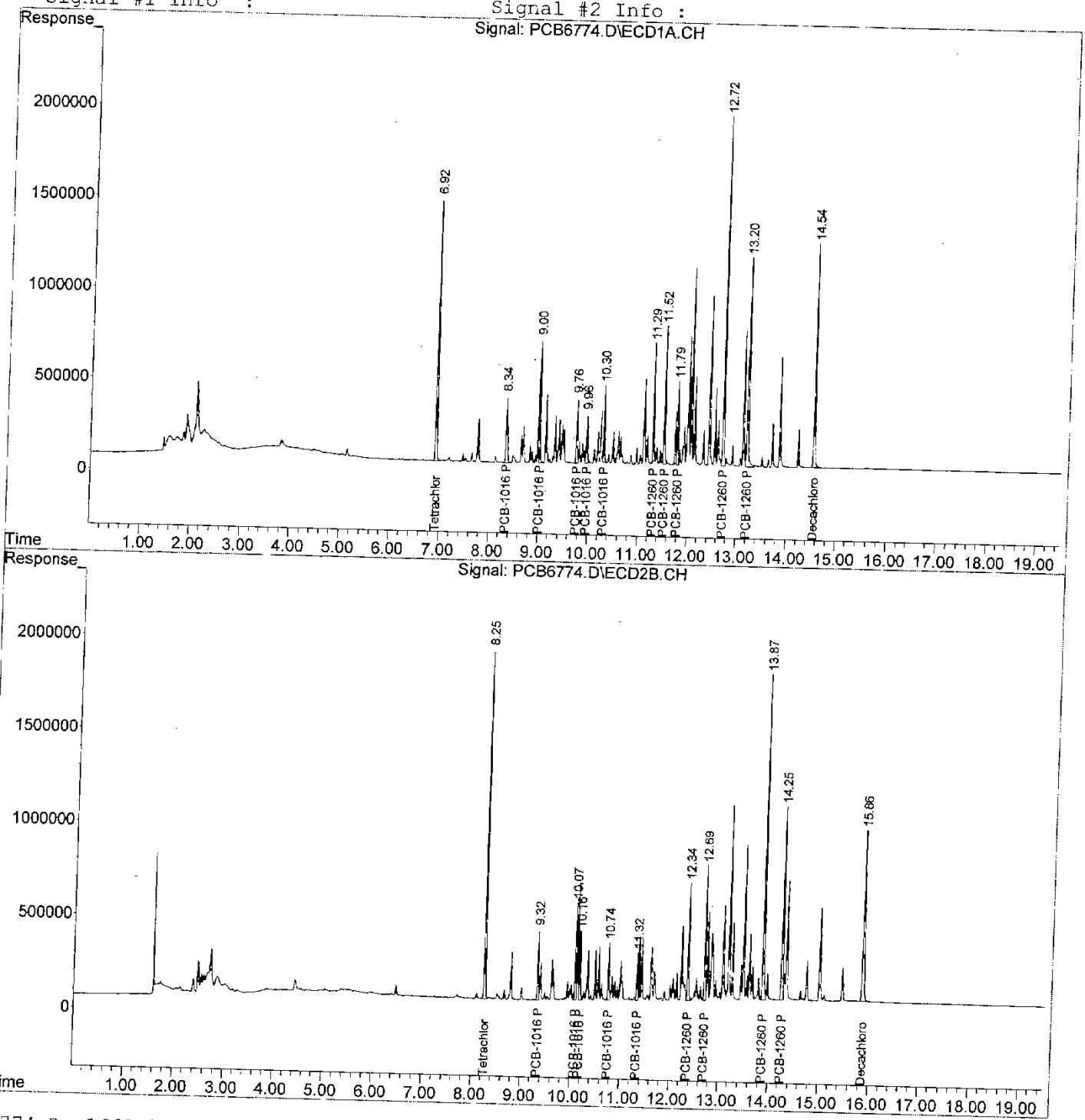
(Not Reviewed)

Signal #1 : Z:\DATA\070319_B\PCB6774.D\ECD1A.CH
Signal #2 : Z:\DATA\070319_B\PCB6774.D\ECD2B.CH
Acq On : 3-19-2007 05:38:08 PM
Sample : 100ppm 1232/1262 ICAL STD 561-192-2
Misc : BT=SEA03416721
IntFile Signal #1: EVENTS.E
Quant Time: Mar 20 9:40 2007

Vial: 9
Operator: SNB/SLC
Inst : sea034
Multiplr: 1.00
IntFile Signal #2: EVENTS2.E
Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :



Signal #1 : Z:\DATA\070319_B\PCB6775.D\ECD1A.CH Vial: 10
Signal #2 : Z:\DATA\070319_B\PCB6775.D\ECD2B.CH
Acq On : 3-19-2007 06:01:44 PM Operator: SNB/SLC
Sample : 100ppm 1242 ICAL STD 561-193-5 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 09:40:25 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	24917655	30340804	9.686	9.886
	Spiked Amount 20.000			Recovery	=	48.43%	49.43%
14)	S Decachlorobiphen	14.54	15.86	18631395	20310938	9.889	10.194
	Spiked Amount 20.000			Recovery	=	49.44%	50.97%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	8112259	5592484	87.558	84.321
3)	L3 PCB-1016 Peak 2	9.00	10.07	9973550	8619504	79.985	85.457
4)	L3 PCB-1016 Peak 3	9.76	10.16	4841927	6827348	78.432	82.983
5)	L3 PCB-1016 Peak 4	9.96	10.74	4061086	4998434	77.406	81.169
6)	L3 PCB-1016 Peak 5	10.30	11.32	5087216	3512816	83.780	51.545 #
7)	L3 PCB-1016 - Total	0.00	0.00	32076039	29550586	82.038m	74.945m
8)	L4 PCB-1260 Peak 1	11.32f	12.34f	424009	253370	3.717	1.947 #
9)	L4 PCB-1260 Peak 2	11.52	12.34	103104	253370	0.682	N.D. #
10)	L4 PCB-1260 Peak 3	11.80f	12.69	680587	224986	N.D.	1.612 #
11)	L4 PCB-1260 Peak 4	12.72	13.87f	28866	299622	0.132	1.380 #
12)	L4 PCB-1260 Peak 5	13.21	14.24	106001	136097	0.627	1.073 #
13)	L4 PCB-1260 - Total	0.00	0.00	1342567	1167445	1.801m	1.554m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

(Not Reviewed)

Signal #1 : Z:\DATA\070319_B\PCB6775.D\ECD1A.CH
Signal #2 : Z:\DATA\070319_B\PCB6775.D\ECD2B.CH
Acq On : 3-19-2007 06:01:44 PM
Sample : 100ppm 1242 ICAL STD 561-193-5
Misc : BT=SEA03416721
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 9:40 2007 Quant Results File: 1660_8082_070319.RES

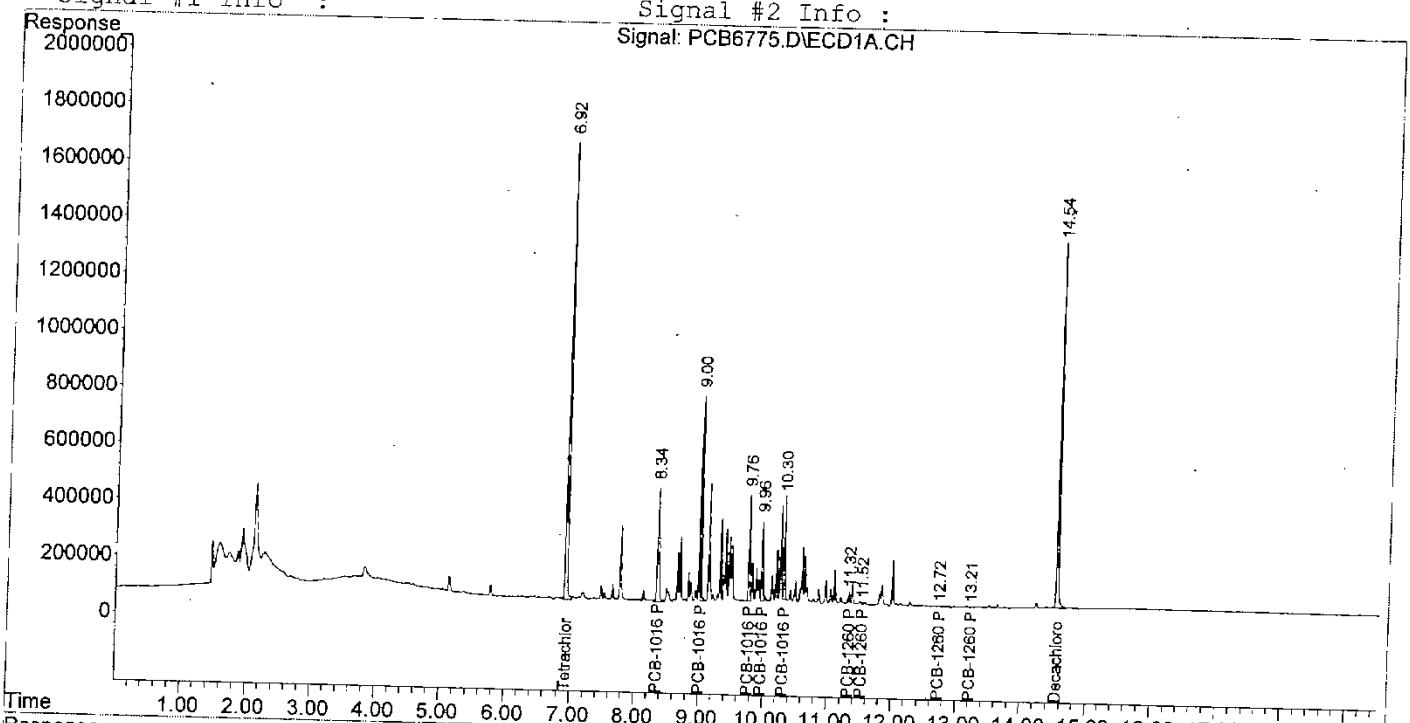
Vial: 10

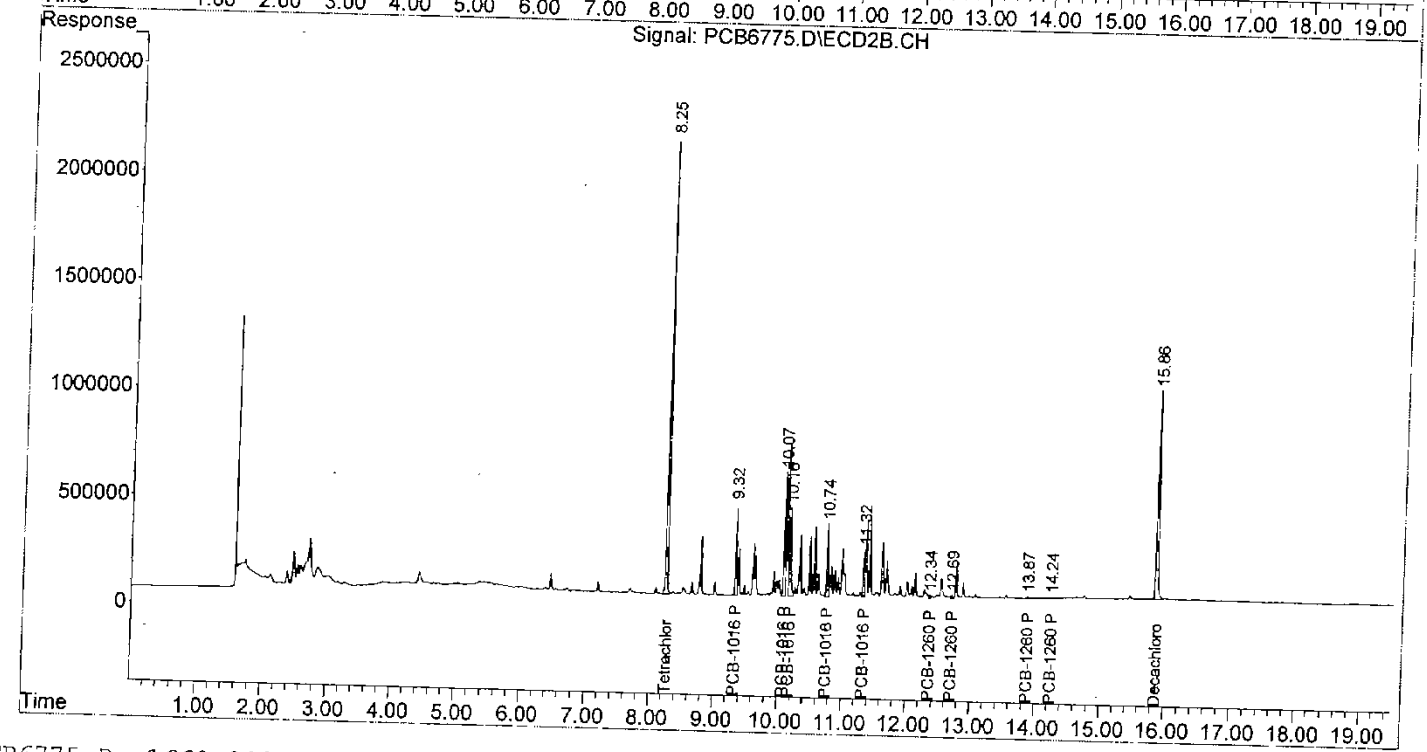
Operator: SNB/SLC
Inst : sea034
Multiplr: 1.00

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :





(Not Reviewed)

Signal #1 : Z:\DATA\070319_B\PCB6776.D\ECD1A.CH
Signal #2 : Z:\DATA\070319_B\PCB6776.D\ECD2B.CH
Acq On : 3-19-2007 06:25:18 PM
Sample : 100ppm 1221/1254 ICAL STD 561-188-1
Misc : BT=SEA03416721
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 09:40:36 2007 Quant Results File: 1660_8082_070319.RES

Vial: 11
Operator: SNB/SLC
Inst : sea034
Multiplr: 1.00

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	26413658	33383288	10.268	10.878
	Spiked Amount 20.000			Recovery	=	51.34%	54.39%
14)	S Decachlorobiphen	14.54	15.86	19889721	21388551	10.557	10.734
	Spiked Amount 20.000			Recovery	=	52.79%	53.67%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	821809	537566	1.463	8.105 #
3)	L3 PCB-1016 Peak 2	9.00	10.08	954724	932813	7.657	9.248
4)	L3 PCB-1016 Peak 3	9.76	10.16	1719895	866125	27.860	3.890 #
5)	L3 PCB-1016 Peak 4	9.96	10.75	1349889	1840411	25.730	26.434
6)	L3 PCB-1016 Peak 5	10.30	11.31	9390038	7229771	154.643	106.086 #
7)	L3 PCB-1016 - Total	0.00	0.00	14236356	11406686	36.411m	28.929m
8)	L4 PCB-1260 Peak 1	11.29	12.38f	4532032	1628282	39.731	12.510 #
9)	L4 PCB-1260 Peak 2	11.52	12.35	7477937	4534079	49.474	34.317 #
10)	L4 PCB-1260 Peak 3	11.78	12.69	4065848	9340281	40.187	66.918 #
11)	L4 PCB-1260 Peak 4	12.72	13.87f	1846120	2093263	8.443	9.641
12)	L4 PCB-1260 Peak 5	13.21	14.24	2048985	1614719	12.127	12.727
13)	L4 PCB-1260 - Total	0.00	0.00	19970921	19210624	26.783m	25.564m

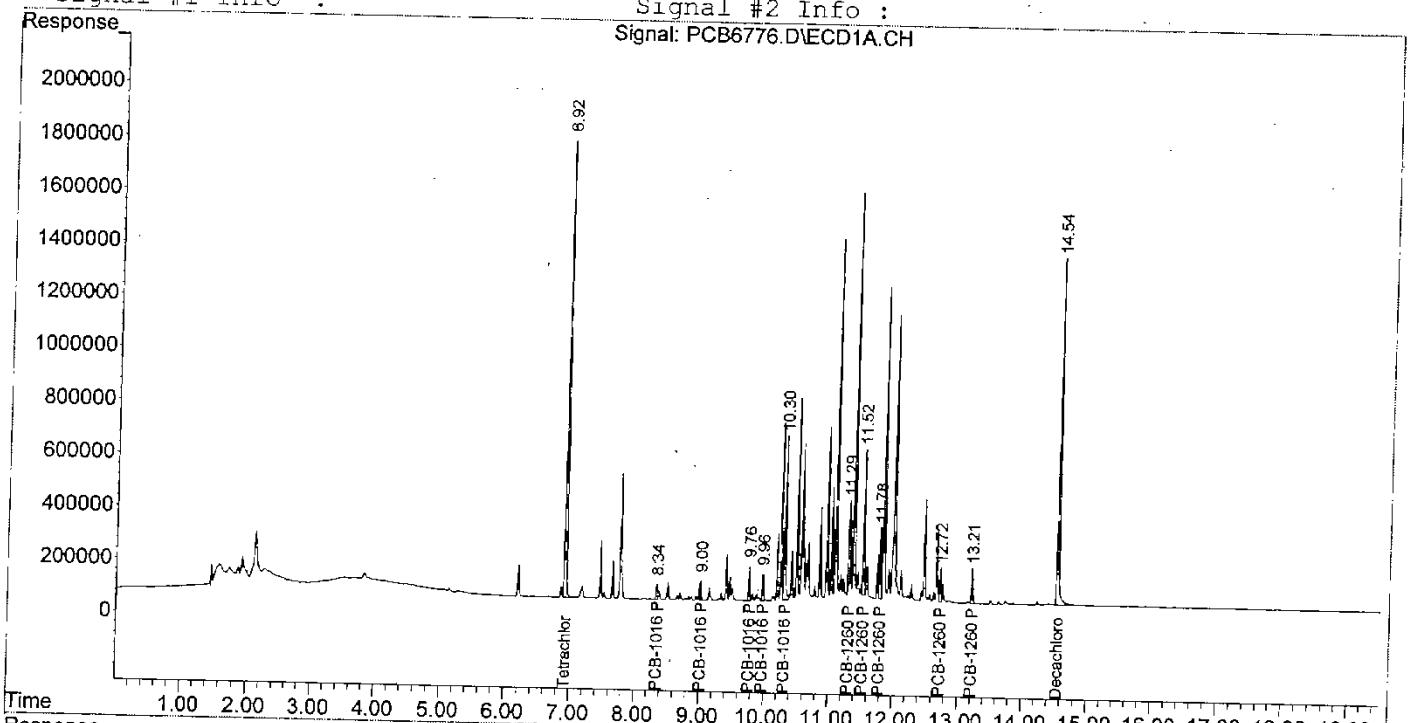
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

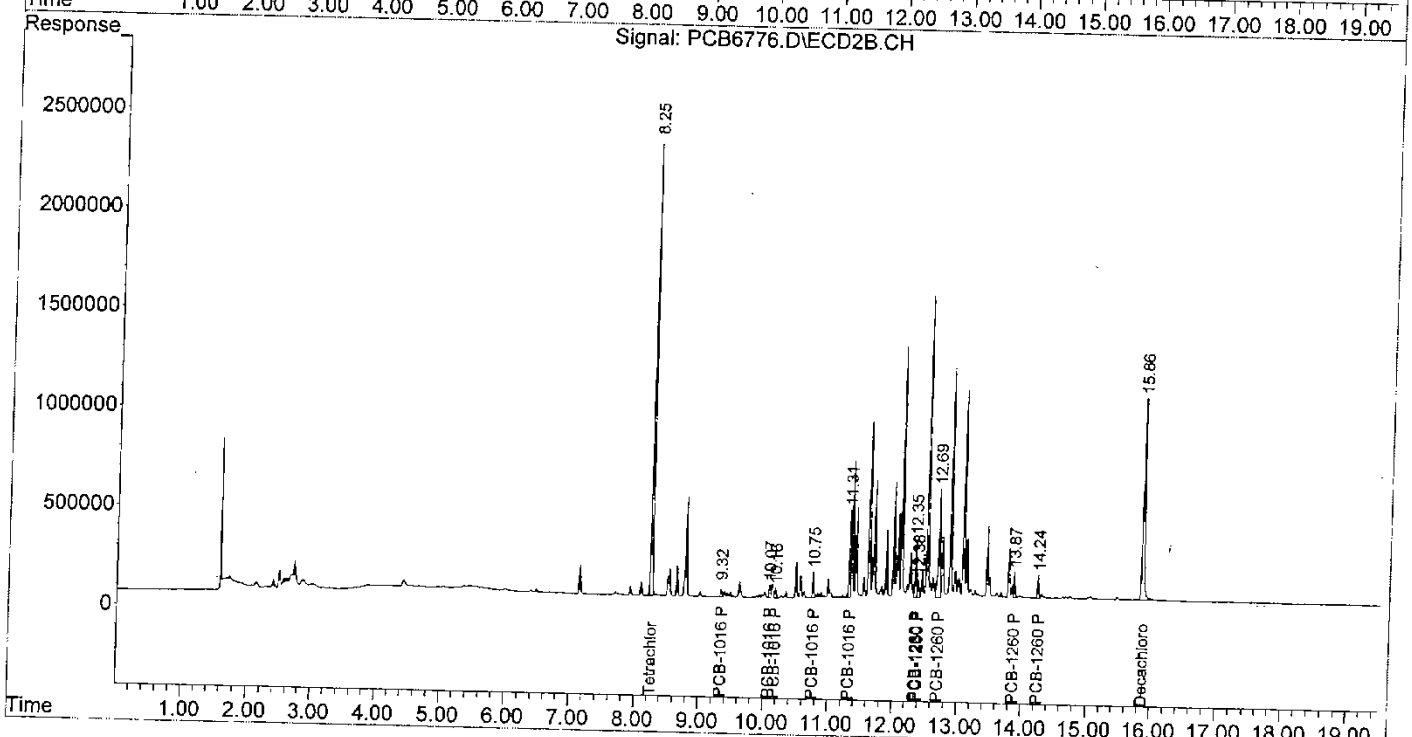
Signal #1 : Z:\DATA\070319_B\PCB6776.D\ECD1A.CH
Signal #2 : Z:\DATA\070319_B\PCB6776.D\ECD2B.CH
Acq On : 3-19-2007 06:25:18 PM
Sample : 100ppm 1221/1254 ICAL STD 561-188-1
Misc : BT=SEA03416721
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 9:40 2007 Quant Results File: 1660_8082_070319.RES

Vial: 11
Operator: SNB/SLC
Inst : sea034
Multiplr: 1.00

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070319_B\PCB6777.D\ECD1A.CH Vial: 12
Signal #2 : Z:\DATA\070319_B\PCB6777.D\ECD2B.CH
Acq On : 3-19-2007 06:49:00 PM Operator: SNB/SLC
Sample : 100ppm 1248/1268 ICAL STD 561-193-2 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 23 08:01:12 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L	
	System Monitoring Compounds							
1)	S Tetrachloro-m-xy	6.92	8.24f	24429005	30136636	9.496	9.820	
	Spiked Amount 20.000			Recovery	=	47.48%	49.10%	
14)	S Decachlorobiphen	14.54	15.86	31460902	33232047	16.699	16.678	
	Spiked Amount 20.000			Recovery	=	83.50%	83.39%	
	Target Compounds							
2)	L3 PCB-1016 Peak 1	8.34	9.32	3895749	2975742	37.764	44.867	
3)	L3 PCB-1016 Peak 2	9.00	10.07	5113446	6251996	41.008	61.985	#
4)	L3 PCB-1016 Peak 3	9.76	10.16	8063548	3257348	130.617	35.617	#
5)	L3 PCB-1016 Peak 4	9.96	10.74	6404753	8306652	122.078	138.507	
6)	L3 PCB-1016 Peak 5	10.30	11.32	9769241	7190771	160.888	105.514	#
7)	L3 PCB-1016 - Total	0.00	0.00	33246737	27982509	85.032m	70.968m	
8)	L4 PCB-1260 Peak 1	11.31	12.38	1363796	303381	11.956	2.331	#
9)	L4 PCB-1260 Peak 2	11.52	12.34	456326	561888	3.019	2.008	#
10)	L4 PCB-1260 Peak 3	11.79	12.69	1204366	596056	1.954	4.270	#
11)	L4 PCB-1260 Peak 4	12.72	13.86f	3332910	3311677	15.242	15.253	
12)	L4 PCB-1260 Peak 5	13.20	14.25	31398817	32453395	185.828	255.795	#
13)	L4 PCB-1260 - Total	0.00	0.00	37756216	37226397	50.635m	49.538m	

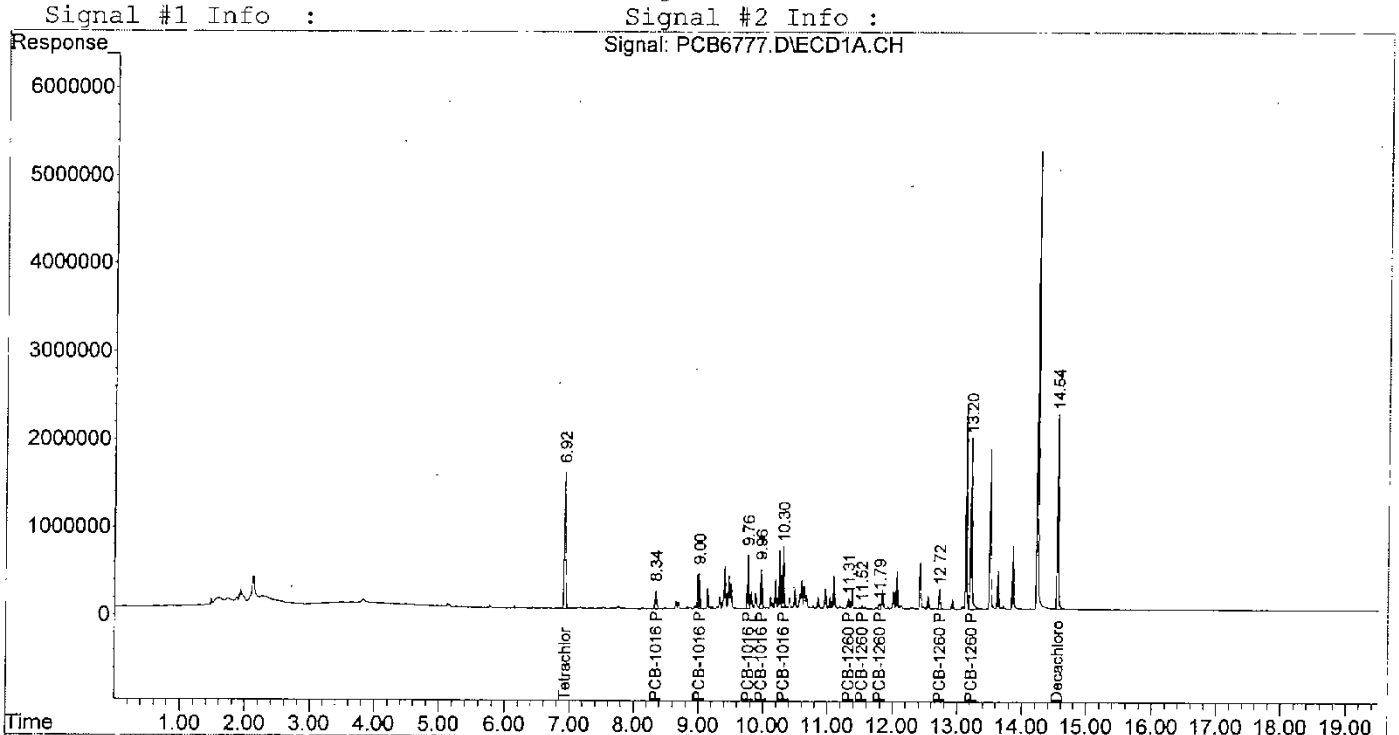
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

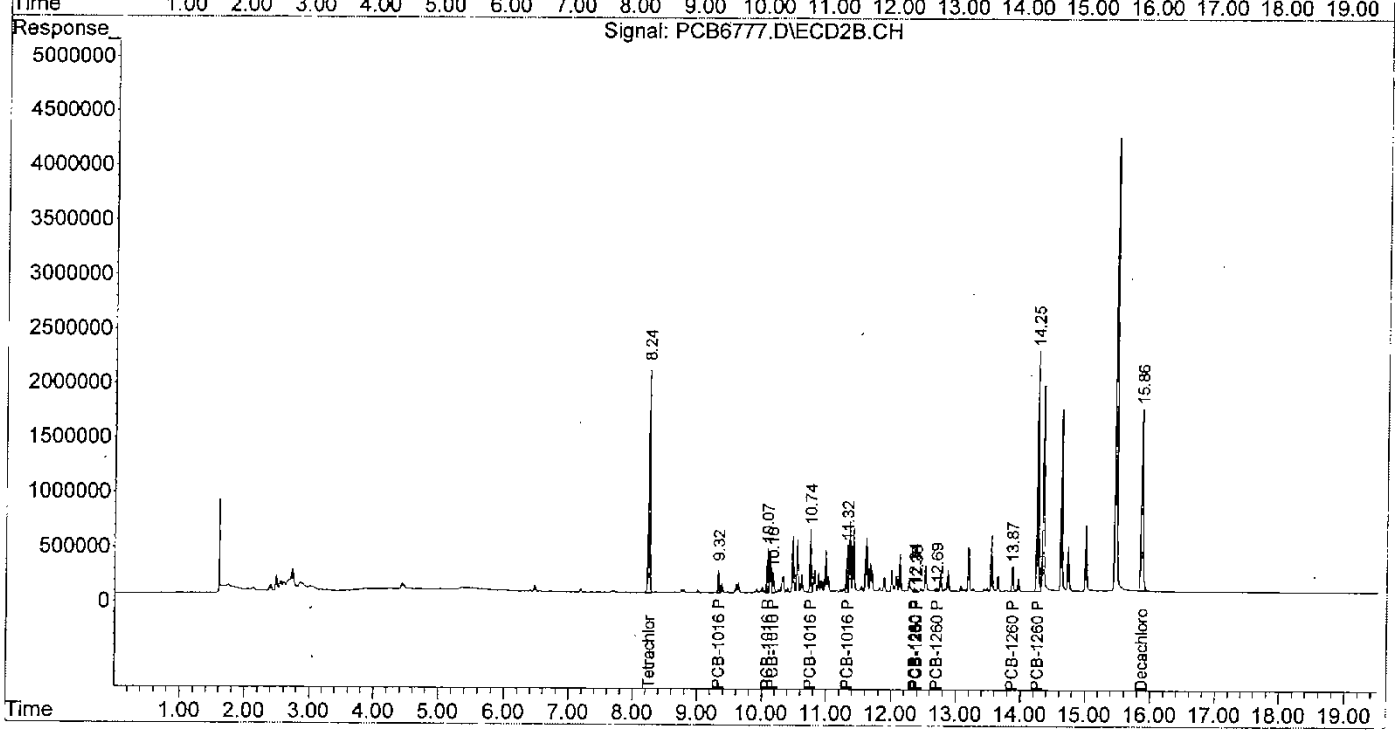
Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070319_B\PCB6777.D\ECD1A.CH Vial: 12
Signal #2 : Z:\DATA\070319_B\PCB6777.D\ECD2B.CH
Acq On : 3-19-2007 06:49:00 PM Operator: SNB/SLC
Sample : 100ppm 1248/1268 ICAL STD 561-193-2 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 23 8:01 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





CONTINUING CALIBRATION

Sequence Log

Directory : z:\DATA\070403_A

#	Filename	Sample Name	Date/Time
1	pcb6958.d	100ppm 1016/1260 CCV STD 561-196-2	04/03/07 11:19
2	pcb6959.d	MB 580-17227/1-AA	04/03/07 11:43
3	pcb6960.d	LCS 580-17227/2-AA	04/03/07 12:07
4	pcb6961.d	LCSD 580-17227/3-AA	04/03/07 12:30
5	pcb6962.d	580-5453-C-9-D	04/03/07 12:54
6	pcb6963.d	580-5453-C-9-E MS	04/03/07 13:17
7	pcb6964.d	580-5453-C-9-F MSD	04/03/07 13:41
8	pcb6970.d	100ppm 1016/1260 CCV STD 561-196-2	04/03/07 16:03
9	pcb6971.d	250ppm 1016/1260 CCV STD 561-196-3	04/03/07 16:27
10	pcb6982.d	100ppm 1016/1260 CCV STD 561-196-2	04/03/07 20:46
11	pcb6983.d	250ppm 1016/1260 CCV STD 561-196-3	04/03/07 21:10
12	pcb6985.d	580-5372-A-3-A	04/03/07 21:57
13	pcb6986.d	580-5385-B-11-B	04/03/07 22:21
14	pcb6987.d	580-5385-B-12-A	04/03/07 22:45
15	pcb6988.d	580-5404-A-13-A	04/03/07 23:08
16	pcb6989.d	580-5404-A-14-A	04/03/07 23:32
17	pcb6990.d	100ppm 1016/1260 CCV STD 561-196-2	04/03/07 23:55
18	pcb6991.d	250ppm 1016/1260 CCV STD 561-196-3	04/04/07 00:19

Signal #1 : Z:\DATA\070403_A\PCB6958.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070403_A\PCB6958.D\ECD2B.CH
Acq On : 03 Apr 2007 11:19 am Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417009 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:09:56 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	27419821	31310599	10.659	10.202
	Spiked Amount 20.000			Recovery =		53.30%	51.01%
14)	S Decachlorobiphen	14.54	15.86	16896835	20138032	8.968	10.107
	Spiked Amount 20.000			Recovery =		44.84%	50.53%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9291239	6862127	101.481	103.464
3)	L3 PCB-1016 Peak 2	9.01	10.07	11350737	9993281	91.029	99.077
4)	L3 PCB-1016 Peak 3	9.76	10.16	5753632	8088239	93.200	99.712
5)	L3 PCB-1016 Peak 4	9.96	10.74	4771251	6051916	90.942	99.428
6)	L3 PCB-1016 Peak 5	10.30	11.31	5358718	6370096	88.252	93.472
7)	L3 PCB-1016 - Total	0.00	0.00	36525577	37365660	93.418m	94.765m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	10016504	12081042	87.812	92.822
9)	L4 PCB-1260 Peak 2	11.52	12.34	13613831	12081042	90.068	95.703
10)	L4 PCB-1260 Peak 3	11.78	12.69	6898680	13766169	78.037	98.627 #
11)	L4 PCB-1260 Peak 4	12.72	13.86f	18854529	20110566	86.227	92.624
12)	L4 PCB-1260 Peak 5	13.21	14.24	14384732	11896645	85.133	93.768
13)	L4 PCB-1260 - Total	0.00	0.00	63768276	69935464	85.519m	93.064m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

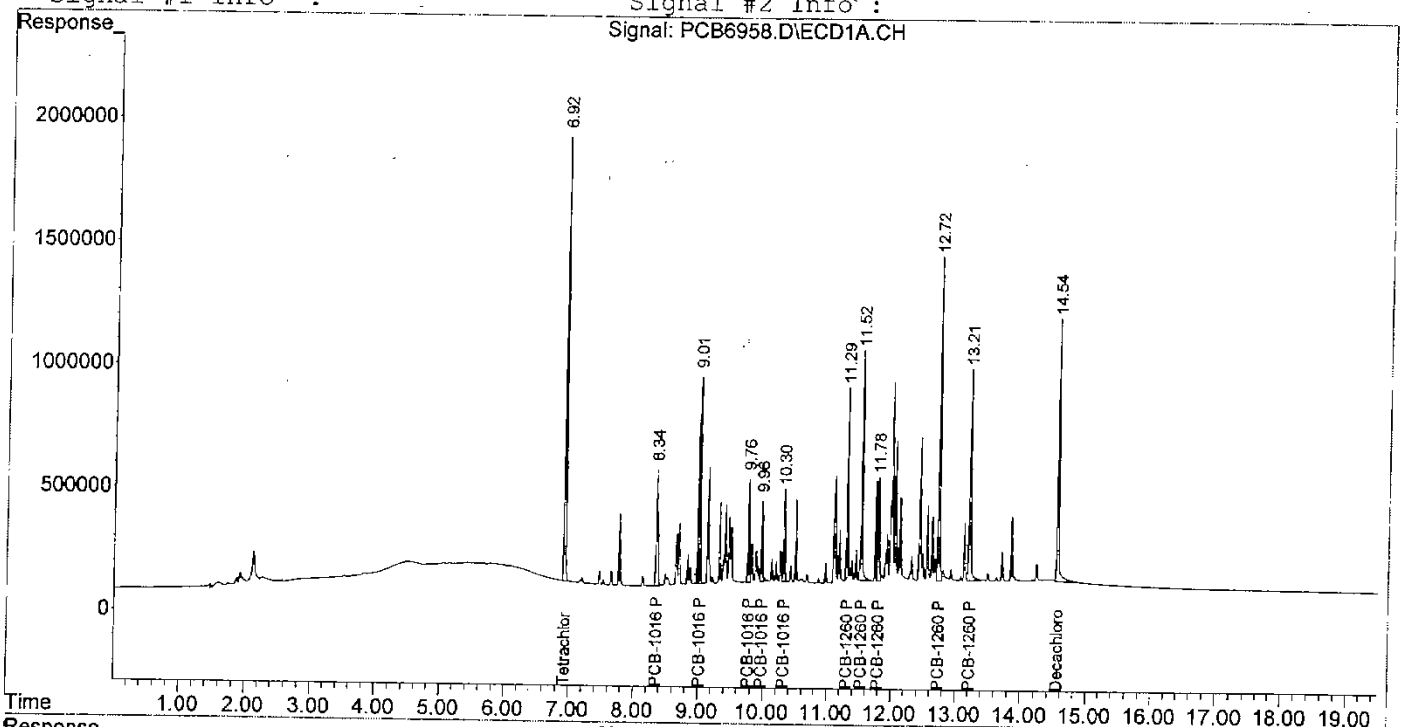
Data File Name PCB6958.D
Operator SLC
Date Acquired #VALUE!
Instrument Name sea034

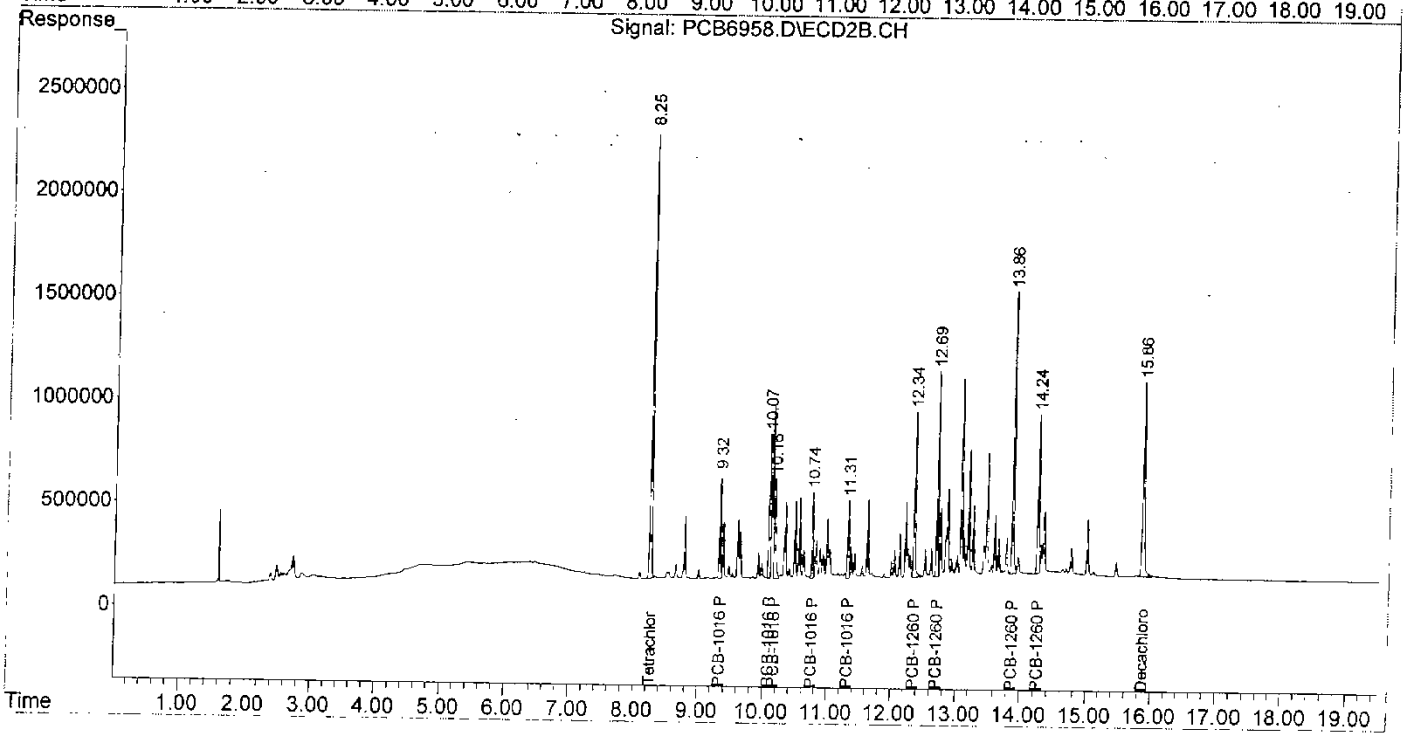
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.341	9291239	101.5	9.323	6862127	103.5
PCB-1016 Peak 2	9.006	11350737	91.0	10.073	9993281	99.1
PCB-1016 Peak 3	9.759	5753632	93.2	10.160	8088239	99.7
PCB-1016 Peak 4	9.962	4771251	90.9	10.744	6051916	99.4
PCB-1016 Peak 5	10.300	5358718	88.3	11.309	6370096	93.5
		Average	93.0		Average	99.0
		Actual	100.0		Actual	100.0
		% Recovery	93.0 **Pass**		% Recovery	99.0 **Pass**
PCB-1260 Peak 1	11.292	10016504	87.8	12.345	12081042	92.8
PCB-1260 Peak 2	11.520	13613831	90.1	12.345	12081042	95.7
PCB-1260 Peak 3	11.784	6898680	78.0	12.692	13766169	98.6
PCB-1260 Peak 4	12.720	18854529	86.2	13.863	20110566	92.6
PCB-1260 Peak 5	13.207	14384732	85.1	14.243	11896645	93.8
		Average	85.5		Average	94.7
		Actual	100.0		Actual	100.0
		% Recovery	85.5 **Pass**		% Recovery	94.7 **Pass**

Signal #1 : Z:\DATA\070403_A\PCB6958.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070403_A\PCB6958.D\ECD2B.CH
Acq On : 03 Apr 2007 11:19 am Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417009 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:09 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070403_A\PCB6970.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070403_A\PCB6970.D\ECD2B.CH
Acq On : 4-3-2007 04:03:29 PM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417221 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 06:22:20 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	27480676	30716423	10.682	10.009
	Spiked Amount 20.000			Recovery	=	53.41%	50.05%
14)	S Decachlorobiphen	14.54	15.85	17283226	19965581	9.174	10.020
	Spiked Amount 20.000			Recovery	=	45.87%	50.10%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9326622	6768044	101.898	102.046
3)	L3 PCB-1016 Peak 2	9.00	10.07	12238802	10546849	98.151	104.565
4)	L3 PCB-1016 Peak 3	9.76	10.16	5877161	8697762	95.201	107.799
5)	L3 PCB-1016 Peak 4	9.96	10.74	4847835	6167479	92.402	101.431
6)	L3 PCB-1016 Peak 5	10.30	11.31	5506091	6122166	90.679	89.834
7)	L3 PCB-1016 - Total	0.00	0.00	37796511	38302299	96.668m	97.141m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	10212020	11940099	89.526	91.739
9)	L4 PCB-1260 Peak 2	11.52	12.34	13934651	11940099	92.191	94.556
0)	L4 PCB-1260 Peak 3	11.78	12.69	7020976	13877821	79.671	99.427
1)	L4 PCB-1260 Peak 4	12.72	13.86f	19549459	20560304	89.405	94.695
2)	L4 PCB-1260 Peak 5	13.20	14.24	15219484	12090477	90.074	95.296
3)	L4 PCB-1260 - Total	0.00	0.00	65936589	70408798	88.427m	93.694m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

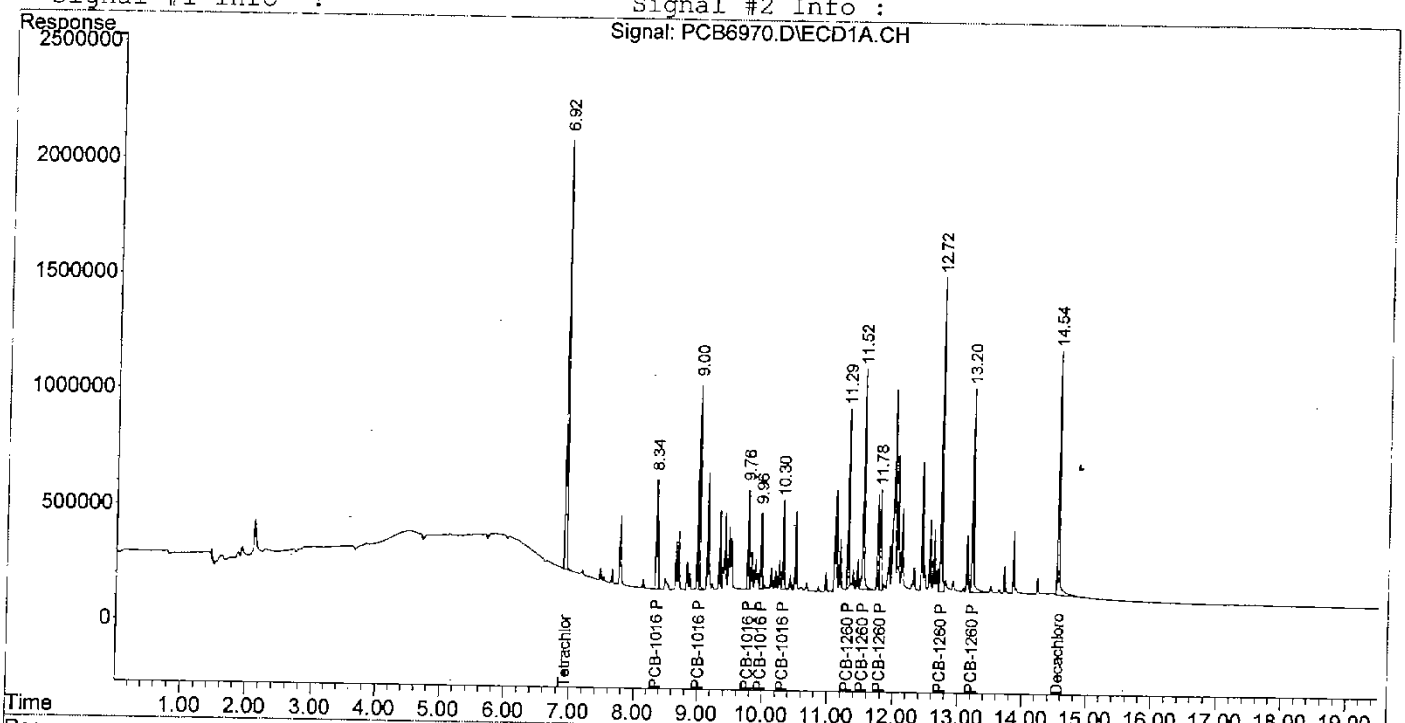
Data File Name PCB6970.D
Operator SLC
Date Acquired 4/3/2007
Instrument Name sea034

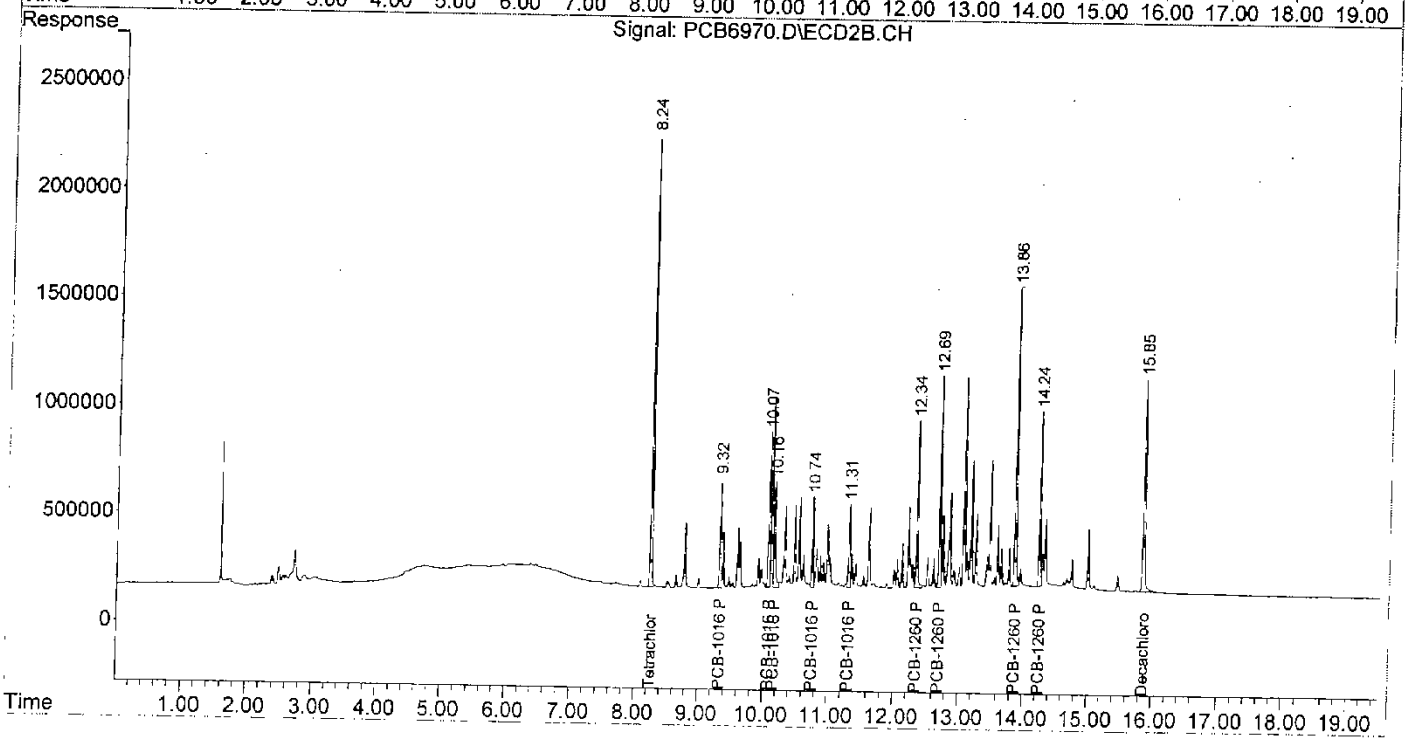
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.340	9326622	101.9	9.320	6768044	102.0
PCB-1016 Peak 2	9.004	12238802	98.2	10.072	10546849	104.6
PCB-1016 Peak 3	9.758	5877161	95.2	10.159	8697762	107.8
PCB-1016 Peak 4	9.961	4847835	92.4	10.742	6167479	101.4
PCB-1016 Peak 5	10.298	5506091	90.7	11.306	6122166	89.8
		Average	95.7		Average	101.1
		Actual	100.0		Actual	100.0
		% Recovery	95.7 **Pass**		% Recovery	101.1 **Pass**
PCB-1260 Peak 1	11.291	10212020	89.5	12.342	11940099	91.7
PCB-1260 Peak 2	11.518	13934651	92.2	12.342	11940099	94.6
PCB-1260 Peak 3	11.780	7020976	79.7	12.689	13877821	99.4
PCB-1260 Peak 4	12.718	19549459	89.4	13.861	20560304	94.7
PCB-1260 Peak 5	13.205	15219484	90.1	14.239	12090477	95.3
		Average	88.2		Average	95.1
		Actual	100.0		Actual	100.0
		% Recovery	88.2 **Pass**		% Recovery	95.1 **Pass**

Signal #1 : Z:\DATA\070403_A\PCB6970.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6970.D\ECD2B.CH
Acq On : 4-3-2007 04:03:29 PM
Sample : 100ppm 1016/1260 CCV STD 561-196-2
Misc : BT=SEA03417221
Vial: 100
Operator: SLC
Inst : sea034
Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 6:22 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :





0004765

Signal #1 : Z:\DATA\070403_A\PCB6971.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070403_A\PCB6971.D\ECD2B.CH
Acq On : 4-3-2007 04:27:05 PM Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417221 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 06:22:48 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	65814656	74001273	25.584	24.113
	Spiked Amount 20.000			Recovery	=	127.92%	120.56%
14)	S Decachlorobiphen	14.54	15.85	39734346	45886206	21.090	23.029
	Spiked Amount 20.000			Recovery	=	105.45%	115.15%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	21967056	15752026	251.173	237.502
3)	L3 PCB-1016 Peak 2	9.00	10.07	28962560	24022892	232.271	238.172
4)	L3 PCB-1016 Peak 3	9.76	10.16	14092342	19420916	228.274	250.072
5)	L3 PCB-1016 Peak 4	9.96	10.74	11763718	14067637	224.222	238.356
6)	L3 PCB-1016 Peak 5	10.30	11.31	13263818	14412103	218.440	211.477
7)	L3 PCB-1016 - Total	0.00	0.00	90049493	87675574	230.311m	222.359m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	24693443	28860317	216.480	221.741
9)	L4 PCB-1260 Peak 2	11.52	12.34	33276281	28860317	220.154	232.183
0)	L4 PCB-1260 Peak 3	11.78	12.69	16947006	33453878	212.294	239.678
1)	L4 PCB-1260 Peak 4	12.72	13.86f	46978631	50853692	214.846	234.219
2)	L4 PCB-1260 Peak 5	13.20	14.24	36867935	29734072	218.196	234.362
3)	L4 PCB-1260 - Total	0.00	0.00	158.8E6	171.8E6	212.917m	228.566m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
PCB6971.D 1660_8082_070319.M Wed Apr 04 06:22:49 2007

Data File Name PCB6971.D
Operator SLC
Date Acquired 4/3/2007
Instrument Name sea034

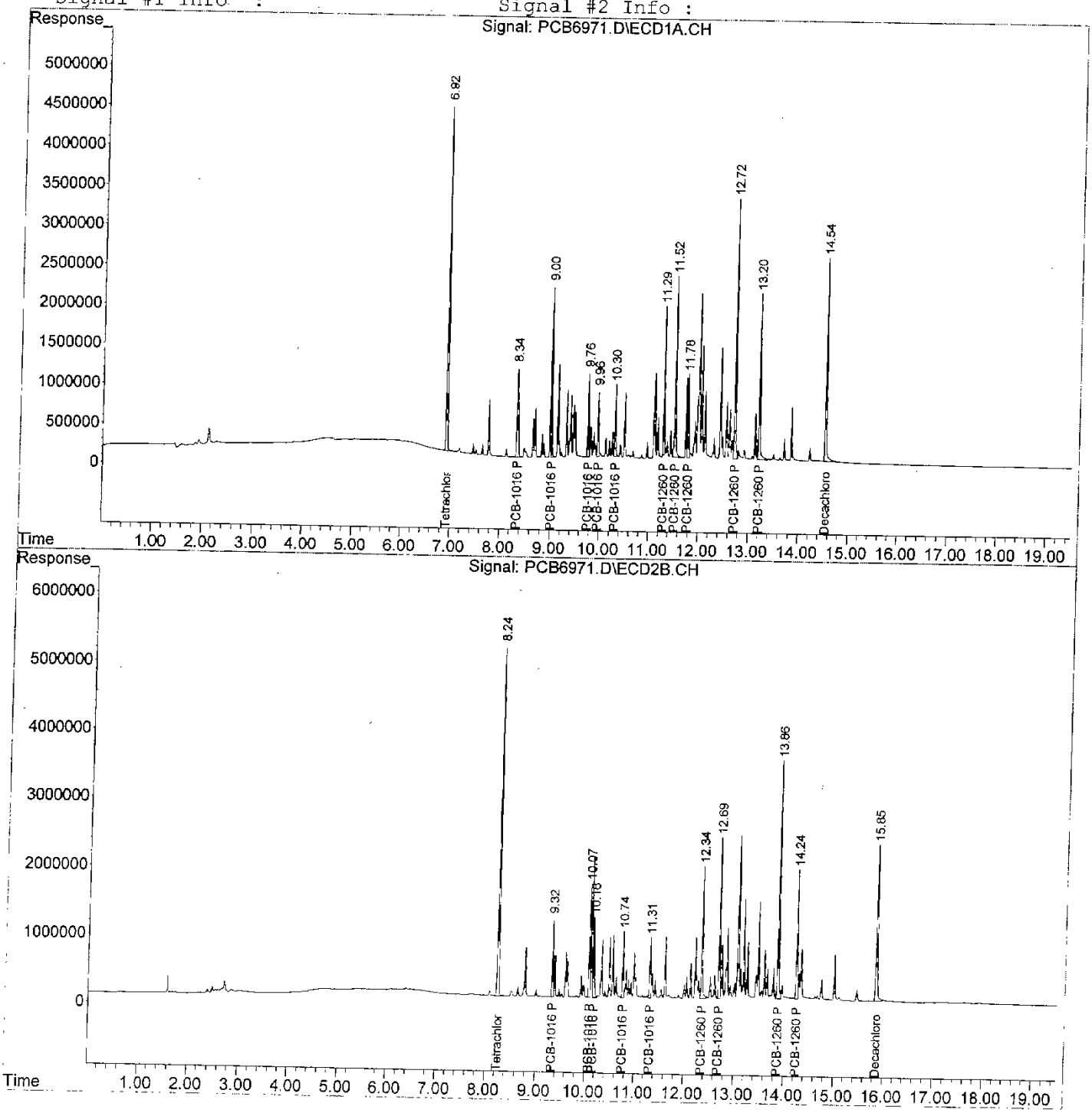
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.340	21967056	251.2	9.321	15752026	237.5
PCB-1016 Peak 2	9.004	28962560	232.3	10.072	24022892	238.2
PCB-1016 Peak 3	9.758	14092342	228.3	10.158	19420916	250.1
PCB-1016 Peak 4	9.961	11763718	224.2	10.743	14067637	238.4
PCB-1016 Peak 5	10.299	13263818	218.4	11.307	14412103	211.5
		Average	230.9		Average	235.1
		Actual	250.0		Actual	250.0
		% Recovery	92.4 **Pass**		% Recovery	94.0 **Pass**
PCB-1260 Peak 1	11.291	24693443	216.5	12.343	28860317	221.7
PCB-1260 Peak 2	11.520	33276281	220.2	12.343	28860317	232.2
PCB-1260 Peak 3	11.781	16947006	212.3	12.690	33453878	239.7
PCB-1260 Peak 4	12.718	46978631	214.8	13.863	50853692	234.2
PCB-1260 Peak 5	13.205	36867935	218.2	14.241	29734072	234.4
		Average	216.4		Average	232.4
		Actual	250.0		Actual	250.0
		% Recovery	86.6 **Pass**		% Recovery	93.0 **Pass**

Signal #1 : Z:\DATA\070403_A\PCB6971.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6971.D\ECD2B.CH
Acq On : 4-3-2007 04:27:05 PM
Sample : 250ppm 1016/1260 CCV STD 561-196-3
Misc : BT=SEA03417221
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 6:22 2007 Quant Results File: 1660_8082_070319.RES

Vial: 25
Operator: SLC
Inst : sea034
Multiplr: 1.00

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :



Signal #1 : Z:\DATA\070403_A\PCB6982.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070403_A\PCB6982.D\ECD2B.CH
Acq On : 4-3-2007 08:46:56 PM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 06:24:03 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	28611578	31950720	11.122	10.411
	Spiked Amount 20.000			Recovery	=	55.61%	52.05%
14)	S Decachlorobiphen	14.54	15.85	17564951	20569904	9.323	10.324
	Spiked Amount 20.000			Recovery	=	46.62%	51.62%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9670483	6965694	105.959	105.026
3)	L3 PCB-1016 Peak 2	9.00	10.07	12762943	10679954	102.355	105.885
4)	L3 PCB-1016 Peak 3	9.76	10.16	6077517	8397166	98.446	103.811
5)	L3 PCB-1016 Peak 4	9.96	10.74	5041350	6066829	96.090	99.686
6)	L3 PCB-1016 Peak 5	10.30	11.31	5685527	6338838	93.634	93.013
7)	L3 PCB-1016 - Total	0.00	0.00	39237819	38448481	100.355m	97.511m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	10480888	12148844	91.883	93.342
9)	L4 PCB-1260 Peak 2	11.52	12.34	14122639	12148844	93.435	96.254
0)	L4 PCB-1260 Peak 3	11.78	12.69	7196147	14530504	82.011	104.103 #
1)	L4 PCB-1260 Peak 4	12.72	13.86f	20367512	21560071	93.146	99.300
2)	L4 PCB-1260 Peak 5	13.20	14.24	15838261	12817529	93.736	101.027
3)	L4 PCB-1260 - Total	0.00	0.00	68005448	73205792	91.202m	97.416m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

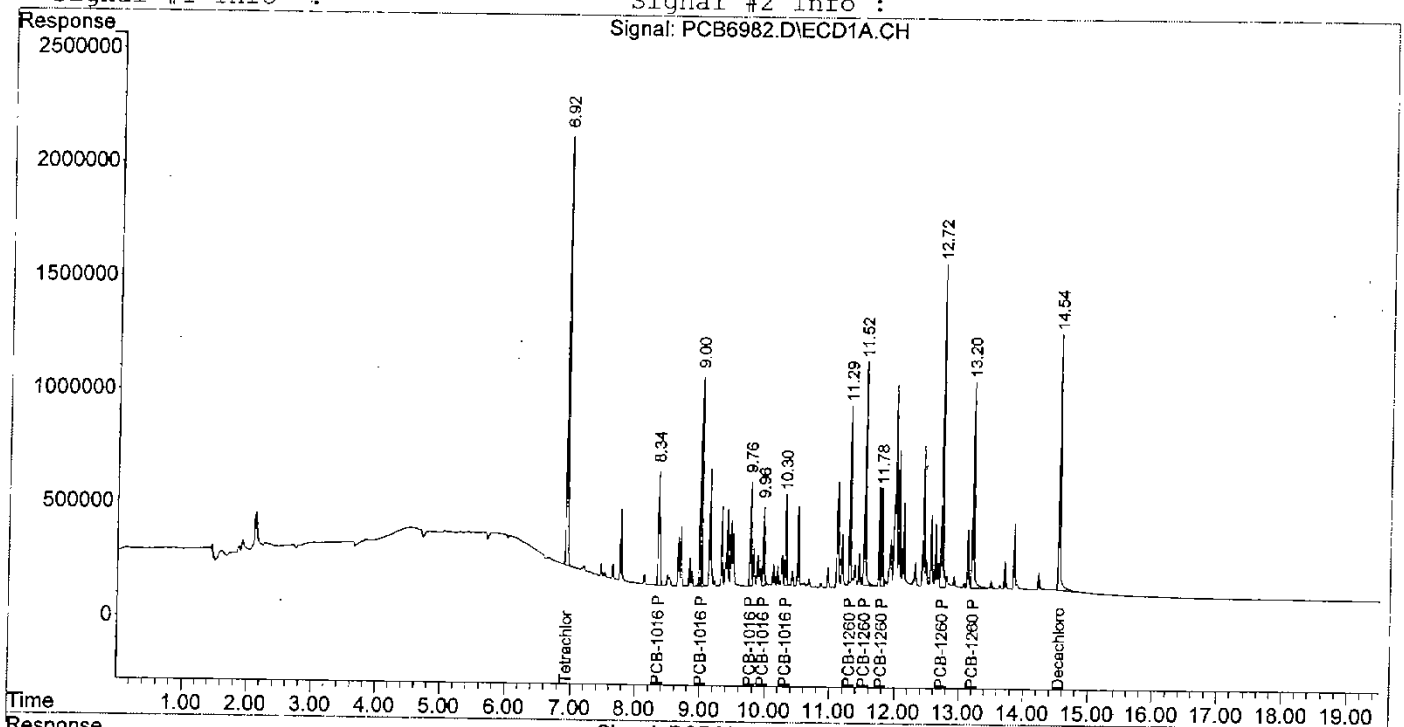
Data File Name PCB6982.D
Operator SLC
Date Acquired 4/3/2007
Instrument Name sea034

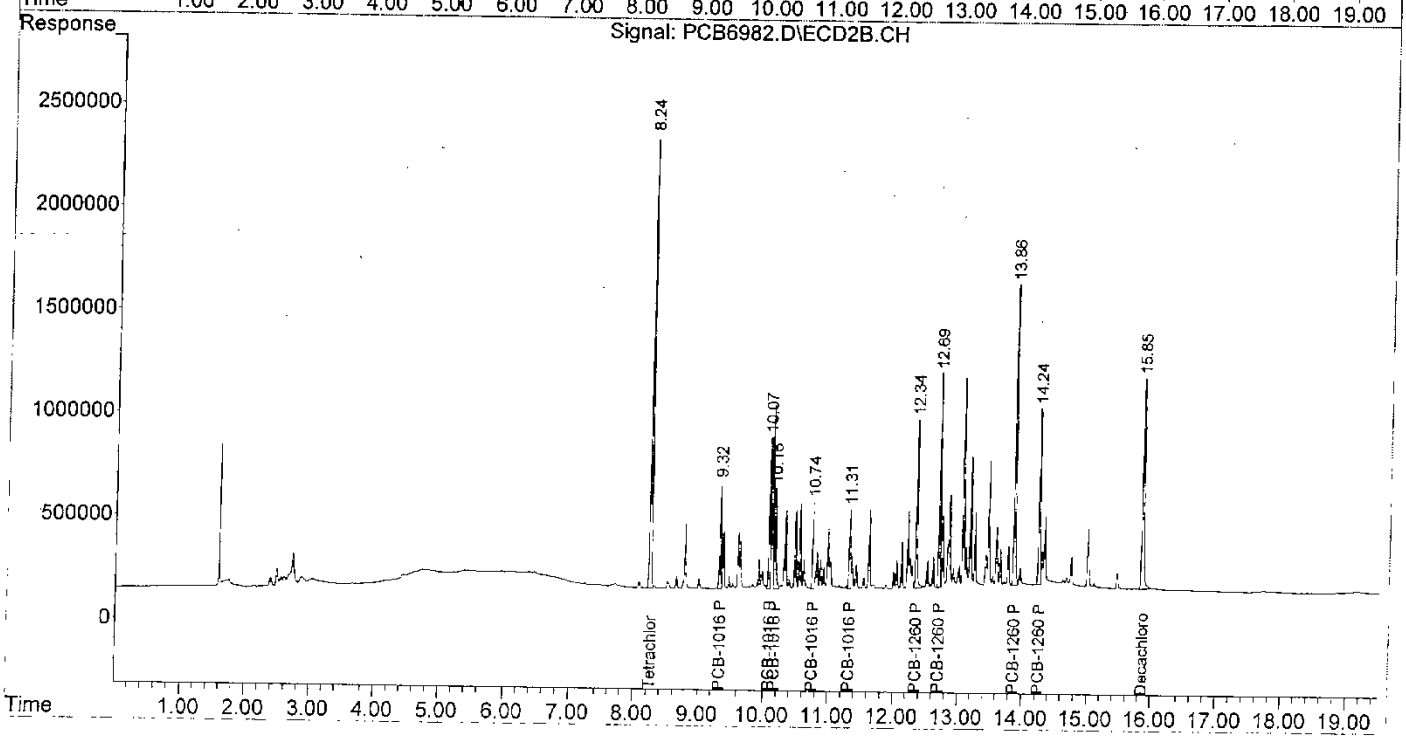
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.339	9670483	106.0	9.320	6965694	105.0
PCB-1016 Peak 2	9.003	12762943	102.4	10.072	10679954	105.9
PCB-1016 Peak 3	9.758	6077517	98.4	10.159	8397166	103.8
PCB-1016 Peak 4	9.960	5041350	96.1	10.742	6066829	99.7
PCB-1016 Peak 5	10.299	5685527	93.6	11.307	6338838	93.0
		Average	99.3		Average	101.5
		Actual	100.0		Actual	100.0
		% Recovery	99.3 **Pass**		% Recovery	101.5 **Pass**
PCB-1260 Peak 1	11.290	10480888	91.9	12.342	12148844	93.3
PCB-1260 Peak 2	11.519	14122639	93.4	12.342	12148844	96.3
PCB-1260 Peak 3	11.781	7196147	82.0	12.689	14530504	104.1
PCB-1260 Peak 4	12.719	20367512	93.1	13.863	21560071	99.3
PCB-1260 Peak 5	13.204	15838261	93.7	14.240	12817529	101.0
		Average	90.8		Average	98.8
		Actual	100.0		Actual	100.0
		% Recovery	90.8 **Pass**		% Recovery	98.8 **Pass**

Signal #1 : Z:\DATA\070403_A\PCB6982.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070403_A\PCB6982.D\ECD2B.CH
Acq On : 4-3-2007 08:46:56 PM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 6:24 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





(Not Reviewed)

Signal #1 : Z:\DATA\070403_A\PCB6983.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070403_A\PCB6983.D\ECD2B.CH
Acq On : 4-3-2007 09:10:32 PM Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 06:24:30 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	66694595	75896794	25.926	24.731
	Spiked Amount 20.000			Recovery =		129.63%	123.66%
14)	S Decachlorobiphen	14.54	15.85	40786834	47679236	21.649	23.929
	Spiked Amount 20.000			Recovery =		108.25%	119.65%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	22454992	16098695	256.935	242.729
3)	L3 PCB-1016 Peak 2	9.00	10.07	29395711	24521866	235.744	243.119
4)	L3 PCB-1016 Peak 3	9.76	10.16	14498860	19589706	234.859	252.312
5)	L3 PCB-1016 Peak 4	9.96	10.74	12128319	14417571	231.171	244.421
6)	L3 PCB-1016 Peak 5	10.30	11.31	13623298	14914613	224.360	218.850
7)	L3 PCB-1016 - Total	0.00	0.00	92101180	89542452	235.558m	227.094m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	25201199	30059009	220.931	230.951
9)	L4 PCB-1260 Peak 2	11.52	12.34	34326755	30059009	227.104	241.933
0)	L4 PCB-1260 Peak 3	11.78	12.69	17457957	34711275	219.121	248.687
1)	L4 PCB-1260 Peak 4	12.72	13.86f	48147944	52122519	220.194	240.063
2)	L4 PCB-1260 Peak 5	13.20	14.24	37844094	30236213	223.973	238.319
3)	L4 PCB-1260 - Total	0.00	0.00	163.0E6	177.2E6	218.569m	235.786m

f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% m=manual int.
CB6983.D 1660_8082_070319.M Wed Apr 04 06:24:31 2007

Data File Name PCB6983.D
Operator SLC
Date Acquired 4/3/2007
Instrument Name sea034

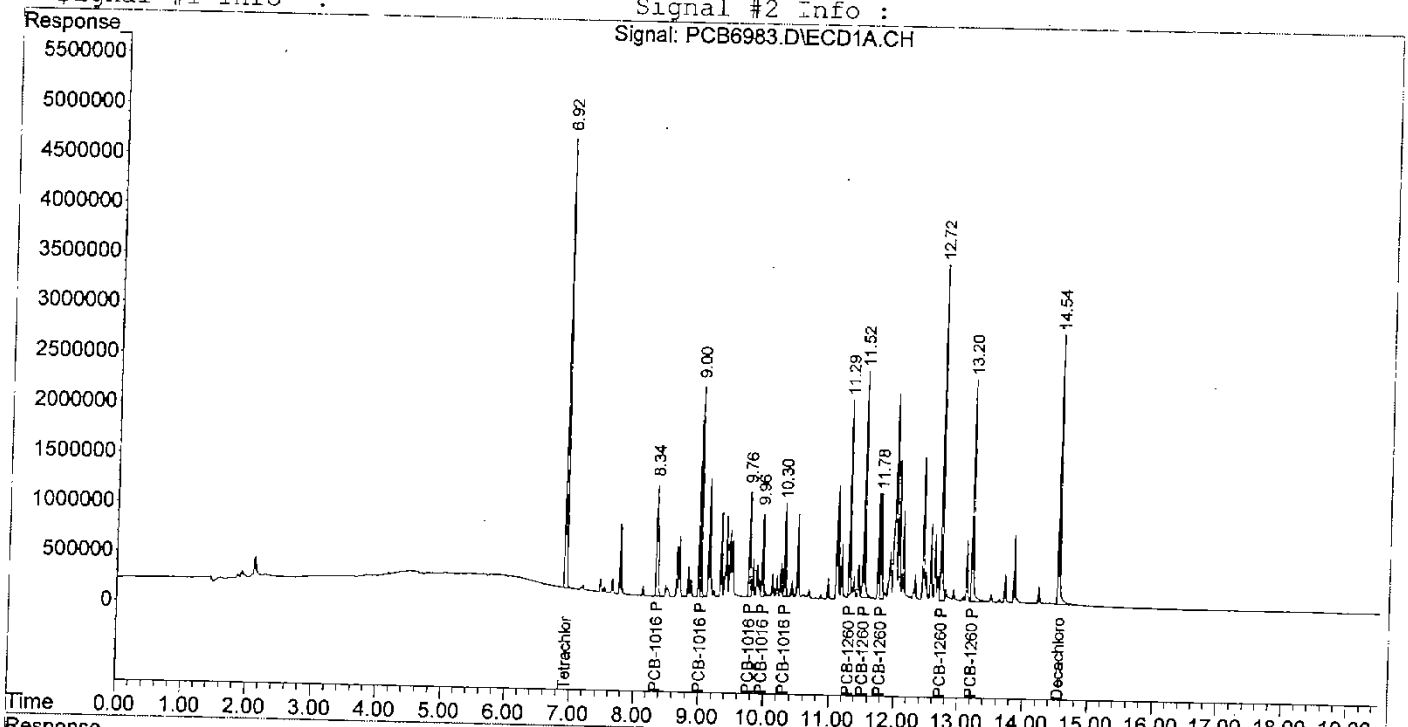
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.339	22454992	256.9	9.320	16098695	242.7
PCB-1016 Peak 2	9.003	29395711	235.7	10.071	24521866	243.1
PCB-1016 Peak 3	9.757	14498860	234.9	10.158	19589706	252.3
PCB-1016 Peak 4	9.961	12128319	231.2	10.741	14417571	244.4
PCB-1016 Peak 5	10.298	13623298	224.4	11.306	14914613	218.9
		Average	236.6		Average	240.3
		Actual	250.0		Actual	250.0
		% Recovery	94.6 **Pass**		% Recovery	96.1 **Pass**
PCB-1260 Peak 1	11.290	25201199	220.9	12.342	30059009	231.0
PCB-1260 Peak 2	11.518	34326755	227.1	12.342	30059009	241.9
PCB-1260 Peak 3	11.780	17457957	219.1	12.688	34711275	248.7
PCB-1260 Peak 4	12.718	48147944	220.2	13.861	52122519	240.1
PCB-1260 Peak 5	13.204	37844094	224.0	14.239	30236213	238.3
		Average	222.3		Average	240.0
		Actual	250.0		Actual	250.0
		% Recovery	88.9 **Pass**		% Recovery	96.0 **Pass**

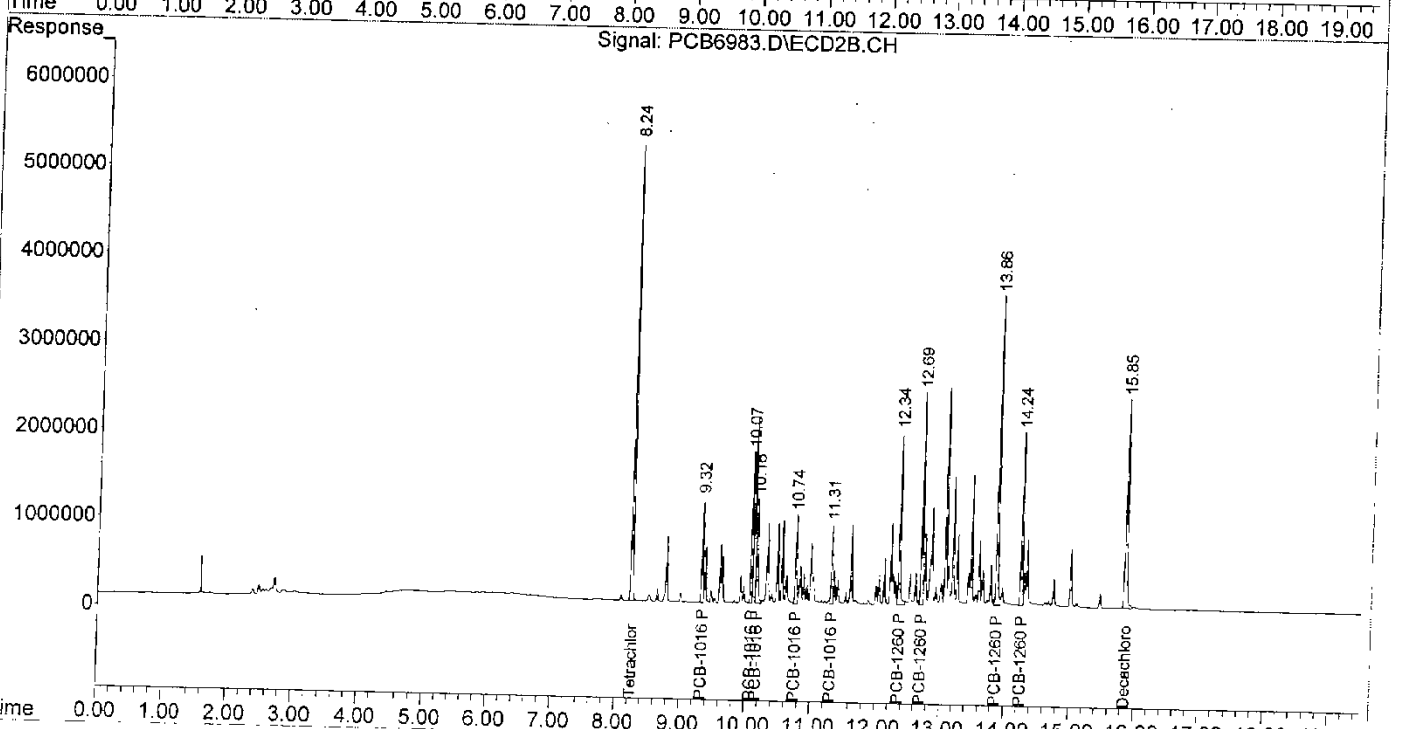
Signal #1 : Z:\DATA\070403_A\PCB6983.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6983.D\ECD2B.CH
Acq On : 4-3-2007 09:10:32 PM
Sample : 250ppm 1016/1260 CCV STD 561-196-3
Misc : BT=SEA03417227
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 6:24 2007 Quant Results File: 1660_8082_070319.RES

Vial: 25
Operator: SLC
Inst : sea034
Multiplr: 1.00

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :





(Not Reviewed)

Signal #1 : Z:\DATA\070403_A\PCB6990.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070403_A\PCB6990.D\ECD2B.CH
Acq On : 03 Apr 2007 11:55 pm Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 06:25:10 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	26544059	29163254	10.318	9.503
	Spiked Amount 20.000			Recovery	=	51.59%	47.52%
14)	S Decachlorobiphen	14.54	15.85	17598597	20744928	9.341	10.411
	Spiked Amount 20.000			Recovery	=	46.70%	52.05%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9031755	6373579	98.416	96.098
3)	L3 PCB-1016 Peak 2	9.00	10.07	11754067	9534243	94.264	94.526
4)	L3 PCB-1016 Peak 3	9.76	10.16	5622438	7437097	91.075	91.073
5)	L3 PCB-1016 Peak 4	9.96	10.74	4678793	5391584	89.180	87.983
6)	L3 PCB-1016 Peak 5	10.30	11.31	5265024	5603322	86.709	82.221
7)	L3 PCB-1016 - Total	0.00	0.00	36352077	34339825	92.974m	87.091m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	9503692	11132332	83.316	85.532
9)	L4 PCB-1260 Peak 2	11.52	12.34	13357942	11132332	88.375	87.986
0)	L4 PCB-1260 Peak 3	11.78	12.69	6481333	13161967	72.461	94.298 #
1)	L4 PCB-1260 Peak 4	12.72	13.86f	18518288	20457178	84.689	94.220
2)	L4 PCB-1260 Peak 5	13.20	14.24	14032076	12206674	83.046	96.212
3)	L4 PCB-1260 - Total	0.00	0.00	61893331	68090484	83.005m	90.609m

(f)=RT Delta > 1/2 Window (#)=Amounts diff by >25% (m)=manual int.

Data File Name PCB6990.D
Operator SLC
Date Acquired #VALUE!
Instrument Name sea034

Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.340	9031755	98.4	9.320	6373579	96.1
PCB-1016 Peak 2	9.004	11754067	94.3	10.072	9534243	94.5
PCB-1016 Peak 3	9.758	5622438	91.1	10.159	7437097	91.1
PCB-1016 Peak 4	9.960	4678793	89.2	10.742	5391584	88.0
PCB-1016 Peak 5	10.299	5265024	86.7	11.306	5603322	82.2
		Average	91.9		Average	90.4
		Actual	100.0		Actual	100.0
		% Recovery	91.9 **Pass**		% Recovery	90.4 **Pass**
PCB-1260 Peak 1	11.291	9503692	83.3	12.343	11132332	85.5
PCB-1260 Peak 2	11.519	13357942	88.4	12.343	11132332	88.0
PCB-1260 Peak 3	11.780	6481333	72.5	12.689	13161967	94.3
PCB-1260 Peak 4	12.718	18518288	84.7	13.861	20457178	94.2
PCB-1260 Peak 5	13.205	14032076	83.0	14.240	12206674	96.2
		Average	82.4		Average	91.6
		Actual	100.0		Actual	100.0
		% Recovery	82.4 **Pass**		% Recovery	91.6 **Pass**

Signal #1 : Z:\DATA\070403_A\PCB6990.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6990.D\ECD2B.CH
Acq On : 03 Apr 2007 11:55 pm
Sample : 100ppm 1016/1260 CCV STD 561-196-2
Misc : BT=SEA03417227

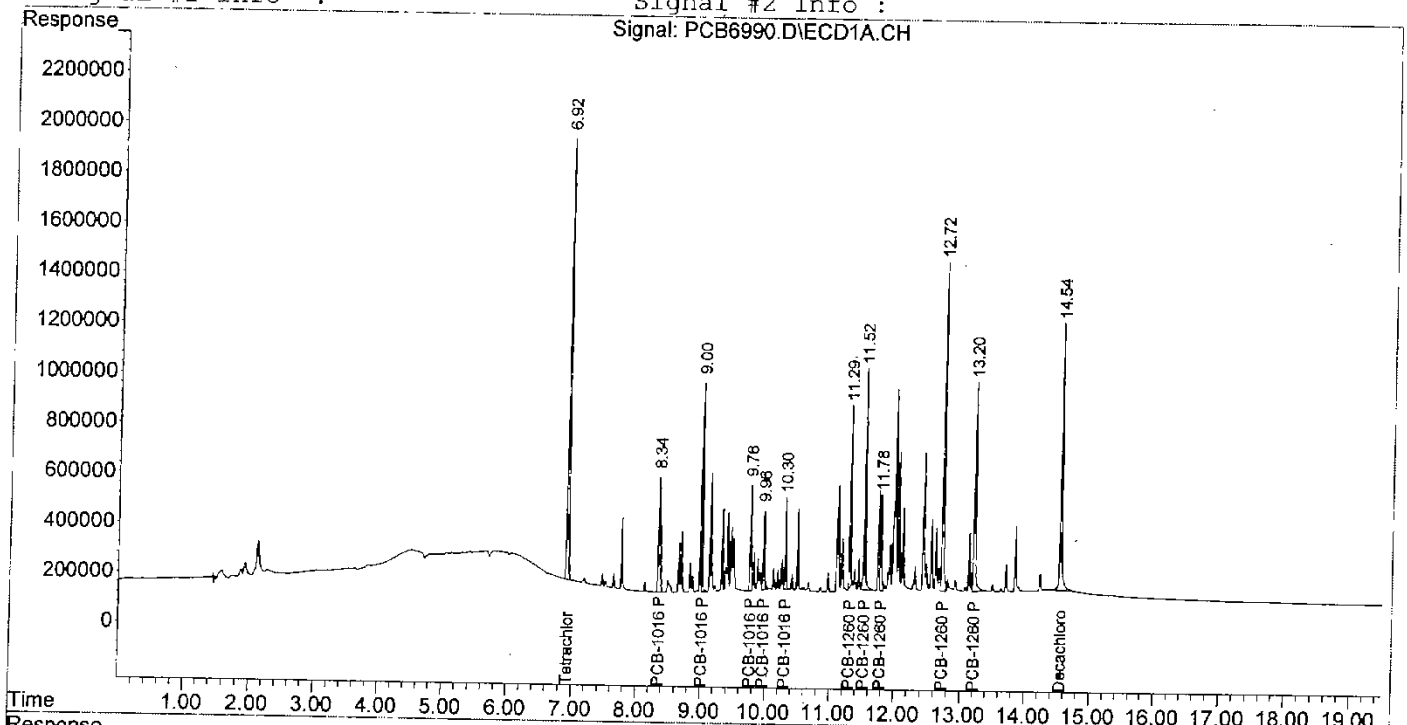
Vial: 100
Operator: SLC
Inst : sea034
Multiplr: 1.00

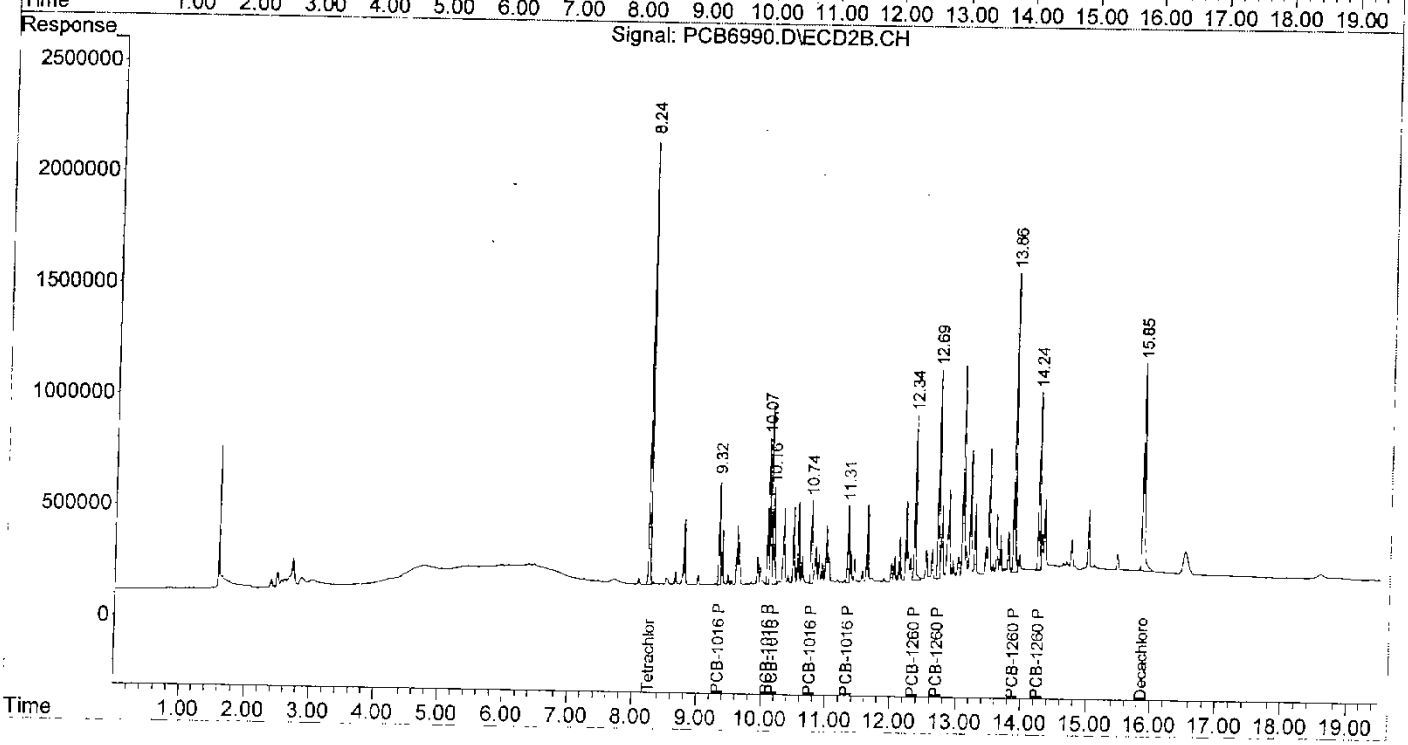
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 6:25 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :





Signal #1 : Z:\DATA\070403_A\PCB6991.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070403_A\PCB6991.D\ECD2B.CH
Acq On : 04 Apr 2007 12:19 am Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 06:25:37 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	64659063	72587378	25.134	23.652
	Spiked Amount 20.000			Recovery	=	125.67%	118.26%
14)	S Decachlorobiphen	14.54	15.85	37343471	47640646	19.821	23.910
	Spiked Amount 20.000			Recovery	=	99.11%	119.55%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	21595998	15268232	246.791	230.208
3)	L3 PCB-1016 Peak 2	9.00	10.07	28748534	23077793	230.554	228.801
4)	L3 PCB-1016 Peak 3	9.76	10.16	13720509	18162029	222.251	233.370
5)	L3 PCB-1016 Peak 4	9.96	10.74	11448777	13285884	218.219	224.806
6)	L3 PCB-1016 Peak 5	10.30	11.31	12843931	13652428	211.525	200.329
7)	L3 PCB-1016 - Total	0.00	0.00	88357749	83446365	225.984m	211.633m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	23435192	27343863	205.449	210.089
9)	L4 PCB-1260 Peak 2	11.52	12.34	31887659	27343863	210.967	219.848
0)	L4 PCB-1260 Peak 3	11.78	12.69	15898366	31632656	198.283	226.630
1)	L4 PCB-1260 Peak 4	12.72	13.86f	44459154	48660958	203.324	224.120
2)	L4 PCB-1260 Peak 5	13.20	14.24	33985538	28351613	201.137	223.465
3)	L4 PCB-1260 - Total	0.00	0.00	149.7E6	163.3E6	200.716m	217.349m

f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

Data File Name PCB6991.D
Operator SLC
Date Acquired #VALUE!
Instrument Name sea034

Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.339	21595998	246.8	9.321	15268232	230.2
PCB-1016 Peak 2	9.004	28748534	230.6	10.071	23077793	228.8
PCB-1016 Peak 3	9.758	13720509	222.3	10.158	18162029	233.4
PCB-1016 Peak 4	9.961	11448777	218.2	10.742	13285884	224.8
PCB-1016 Peak 5	10.298	12843931	211.5	11.307	13652428	200.3
		Average	225.9		Average	223.5
		Actual	250.0		Actual	250.0
		% Recovery	90.3 **Pass**		% Recovery	89.4 **Pass**
PCB-1260 Peak 1	11.290	23435192	205.4	12.342	27343863	210.1
PCB-1260 Peak 2	11.518	31887659	211.0	12.342	27343863	219.8
PCB-1260 Peak 3	11.780	15898366	198.3	12.689	31632656	226.6
PCB-1260 Peak 4	12.718	44459154	203.3	13.862	48660958	224.1
PCB-1260 Peak 5	13.204	33985538	201.1	14.239	28351613	223.5
		Average	203.8		Average	220.8
		Actual	250.0		Actual	250.0
		% Recovery	81.5 **Pass**		% Recovery	88.3 **Pass**

Signal #1 : Z:\DATA\070403_A\PCB6991.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6991.D\ECD2B.CH
Acq On : 04 Apr 2007 12:19 am
Sample : 250ppm 1016/1260 CCV STD 561-196-3
Misc : BT=SEA03417227
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 6:25 2007 Quant Results File: 1660_8082_070319.RES

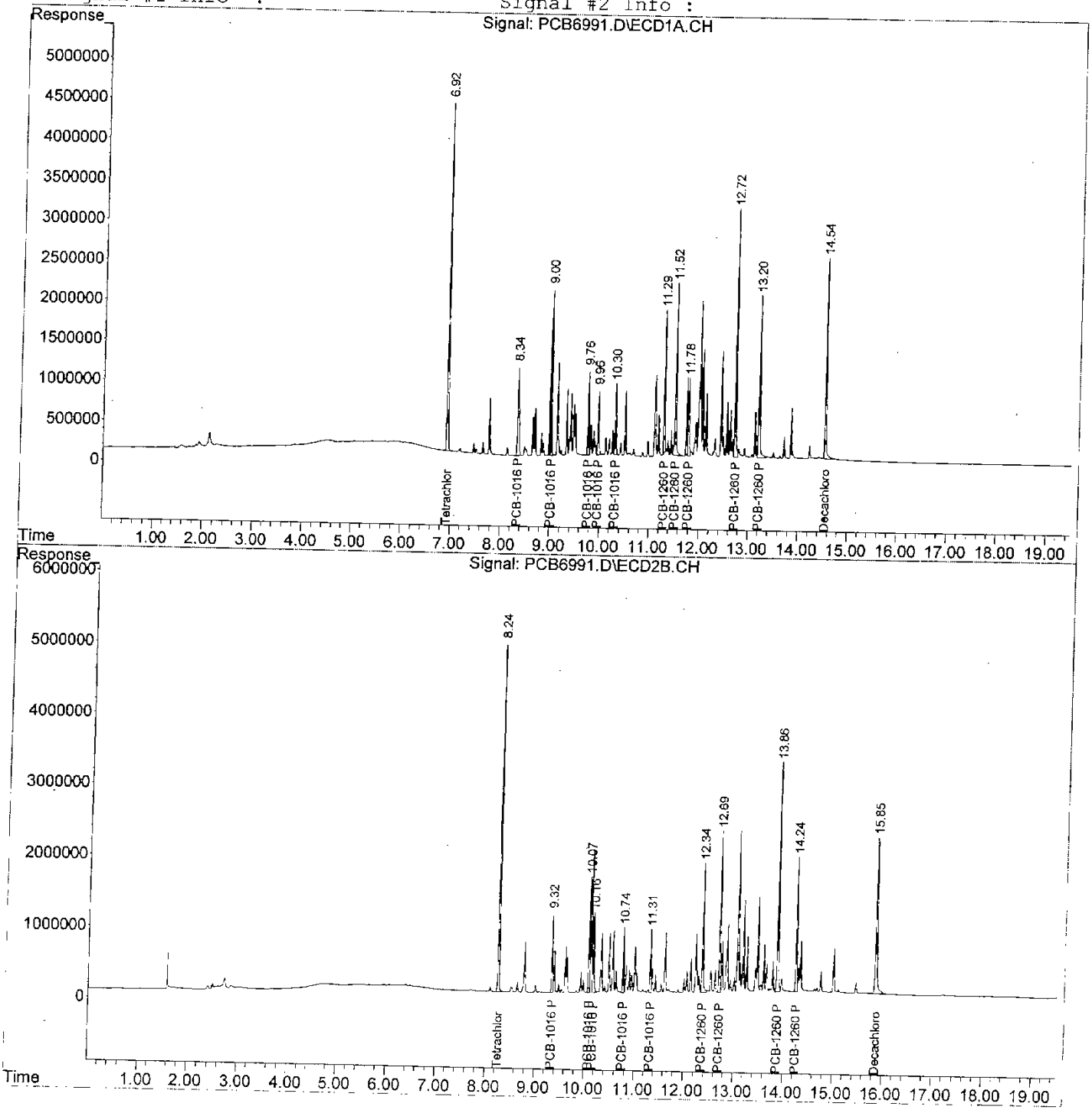
Vial: 25

Operator: SLC
Inst : sea034
Multiplr: 1.00

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :



Sequence Log

Directory : z:\DATA\070404_A

#	Filename	Sample Name	Date/Time
1	pcb6995.d	100ppm 1016/1260 CCV STD 561-196-2	04/04/07 07:19
2	pcb6996.d	580-5372-A-3-A	04/04/07 07:43
3	pcb6997.d	580-5385-B-11-B	04/04/07 08:07
4	pcb6998.d	580-5385-B-12-A	04/04/07 08:30
5	pcb6999.d	580-5404-A-13-A	04/04/07 08:54
6	pcb7000.d	580-5404-A-14-A	04/04/07 09:18
7	pcb7001.d	100ppm 1016/1260 CCV STD 561-196-2	04/04/07 09:41
8	pcb7002.d	250ppm 1016/1260 CCV STD 561-196-3	04/04/07 10:05

Quantification Report (Not Reviewed)

Signal #1 : Z:\DATA\070404_A\PCB6995.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070404_A\PCB6995.D\ECD2B.CH
Acq On : 4-4-2007 07:19:53 AM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417009 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 10:00:43 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	27222629	30579539	10.582	9.964
	Spiked Amount 20.000			Recovery	=	52.91%	49.82%
14) S	Decachlorobiphen	14.54	15.85	16652867	20364476	8.839	10.220
	Spiked Amount 20.000			Recovery	=	44.20%	51.10%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	9430485	6847566	103.125	103.245
3) L3	PCB-1016 Peak 2	9.00	10.07	12231030	10130033	98.089	100.433
4) L3	PCB-1016 Peak 3	9.76	10.16	5924473	7661839	95.967	94.055
5) L3	PCB-1016 Peak 4	9.96	10.74	4921041	5892187	93.797	96.659
6) L3	PCB-1016 Peak 5	10.30	11.31	5666545	6036813	93.321	88.581
7) L3	PCB-1016 - Total	0.00	0.00	38173574	36568438	97.633m	92.743m
8) L4	PCB-1260 Peak 1	11.29	12.34f	9976135	11950988	87.458	91.822
9) L4	PCB-1260 Peak 2	11.52	12.34	13993337	11950988	92.579	94.645
10) L4	PCB-1260 Peak 3	11.78	12.69	6683428	13884728	75.161	99.476 #
11) L4	PCB-1260 Peak 4	12.72	13.86f	19580924	20853842	89.549	96.047
12) L4	PCB-1260 Peak 5	13.20	14.24	14672731	12310959	86.838	97.034
13) L4	PCB-1260 - Total	0.00	0.00	64906555	70951504	87.046m	94.416m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 15% (m)=manual int.

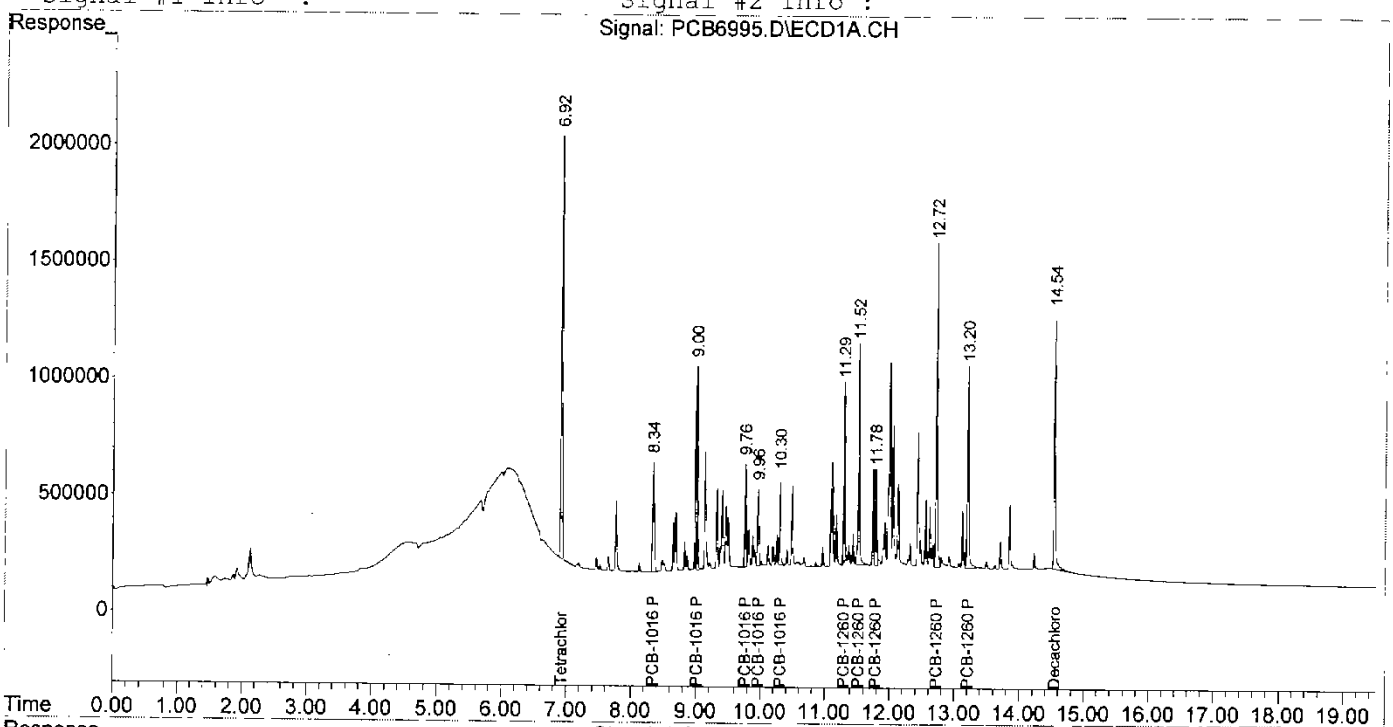
Data File Name PCB6995.D
Operator SLC
Date Acquired 4/4/2007
Instrument Name sea034

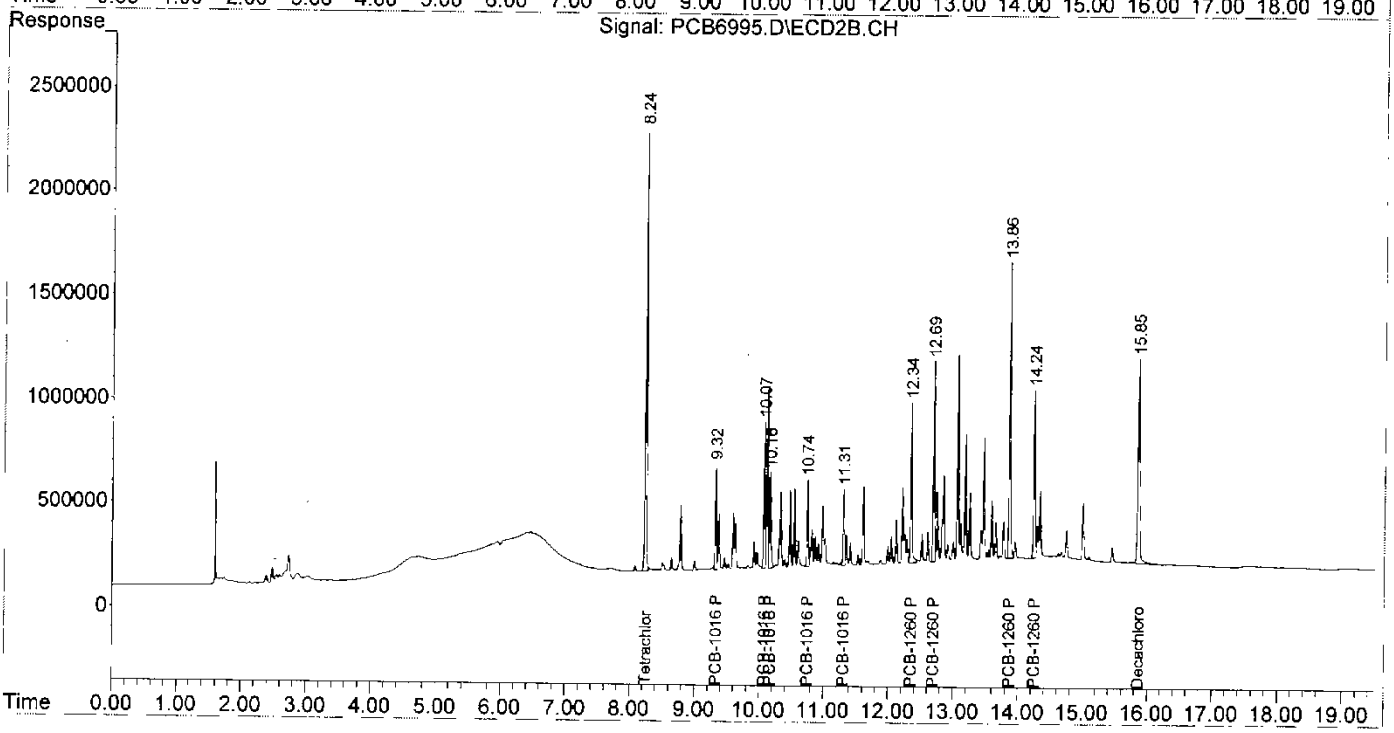
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.339	9430485	103.1	9.319	6847566	103.2	
PCB-1016 Peak 2	9.004	12231030	98.1	10.070	10130033	100.4	
PCB-1016 Peak 3	9.758	5924473	96.0	10.157	7661839	94.1	
PCB-1016 Peak 4	9.961	4921041	93.8	10.740	5892187	96.7	
PCB-1016 Peak 5	10.298	5666545	93.3	11.305	6036813	88.6	
		Average	96.9		Average	96.6	
		Actual	100.0		Actual	100.0	
		% Recovery	96.9	**Pass**	% Recovery	96.6	**Pass**
PCB-1260 Peak 1	11.289	9976135	87.5	12.342	11950988	91.8	
PCB-1260 Peak 2	11.518	13993337	92.6	12.342	11950988	94.6	
PCB-1260 Peak 3	11.780	6683428	75.2	12.688	13884728	99.5	
PCB-1260 Peak 4	12.718	19580924	89.5	13.860	20853842	96.0	
PCB-1260 Peak 5	13.204	14672731	86.8	14.239	12310959	97.0	
		Average	86.3		Average	95.8	
		Actual	100.0		Actual	100.0	
		% Recovery	86.3	**Pass**	% Recovery	95.8	**Pass**

Signal #1 : Z:\DATA\070404_A\PCB6995.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070404_A\PCB6995.D\ECD2B.CH
Acq On : 4-4-2007 07:19:53 AM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417009 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 10:00 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





0047784

Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070404_A\PCB7001.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070404_A\PCB7001.D\ECD2B.CH
Acq On : 4-4-2007 09:41:41 AM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 10:12:55 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	26218019	28976703	10.192	9.442
	Spiked Amount 20.000			Recovery	=	50.96%	47.21%
14) S	Decachlorobiphen	14.54	15.85	20830410	33673962	11.056	16.900 #
	Spiked Amount 20.000			Recovery	=	55.28%	84.50%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	8989116	6432448	97.913	96.986
3) L3	PCB-1016 Peak 2	9.00	10.07	11628475	9713823	93.257	96.306
4) L3	PCB-1016 Peak 3	9.76	10.16	5661700	7489471	91.711	91.768
5) L3	PCB-1016 Peak 4	9.96	10.74	4716581	5549671	89.900	90.723
6) L3	PCB-1016 Peak 5	10.30	11.31	5361084	5704206	88.291	83.701
7) L3	PCB-1016 - Total	0.00	0.00	36356956	34889619	92.987m	88.486m
8) L4	PCB-1260 Peak 1	11.29	12.34f	9736268	11630062	85.355	89.357
9) L4	PCB-1260 Peak 2	11.52	12.34	13789229	11630062	91.229	92.035
10) L4	PCB-1260 Peak 3	11.78	12.69	6538846	13952110	73.229	99.959 #
11) L4	PCB-1260 Peak 4	12.72	13.86f	19775146	21868547	90.437	100.721
12) L4	PCB-1260 Peak 5	13.20	14.24	15384089	12991128	91.048	102.395
13) L4	PCB-1260 - Total	0.00	0.00	65223579	72071911	87.471m	95.907m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

Data File Name PCB7001.D
Operator SLC
Date Acquired 4/4/2007
Instrument Name sea034

Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.340	8989116	97.9	9.320	6432448	97.0	
PCB-1016 Peak 2	9.005	11628475	93.3	10.072	9713823	96.3	
PCB-1016 Peak 3	9.758	5661700	91.7	10.159	7489471	91.8	
PCB-1016 Peak 4	9.961	4716581	89.9	10.742	5549671	90.7	
PCB-1016 Peak 5	10.299	5361084	88.3	11.306	5704206	83.7	
		Average	92.2		Average	91.9	
		Actual	100.0		Actual	100.0	
		% Recovery	92.2	**Pass**	% Recovery	91.9	**Pass**
PCB-1260 Peak 1	11.290	9736268	85.4	12.342	11630062	89.4	
PCB-1260 Peak 2	11.518	13789229	91.2	12.342	11630062	92.0	
PCB-1260 Peak 3	11.780	6538846	73.2	12.689	13952110	100.0	
PCB-1260 Peak 4	12.718	19775146	90.4	13.861	21868547	100.7	
PCB-1260 Peak 5	13.203	15384089	91.0	14.239	12991128	102.4	
		Average	86.3		Average	96.9	
		Actual	100.0		Actual	100.0	
		% Recovery	86.3	**Pass**	% Recovery	96.9	**Pass**

```
Signal #1 : Z:\DATA\070404_A\PCB7001.D\ECD1A.CH          Vial: 100
Signal #2 : Z:\DATA\070404_A\PCB7001.D\ECD2B.CH
Acq On    : 4-4-2007 09:41:41 AM                    Operator: SLC
Sample    : 100ppm 1016/1260 CCV STD 561-196-2      Inst    : sea034
Misc      : BT=SEA03417227                          Multiplr: 1.00
IntFile Signal #1: EVENTS.E     IntFile Signal #2: EVENTS2.E
Quant Time: Apr  4 10:12 2007  Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title        : PCBs by USEPA Method 8082
Last Update  : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj.     :
Signal #1 Phase :                   Signal #2 Phase:
Signal #1 Info  :                   Signal #2 Info :
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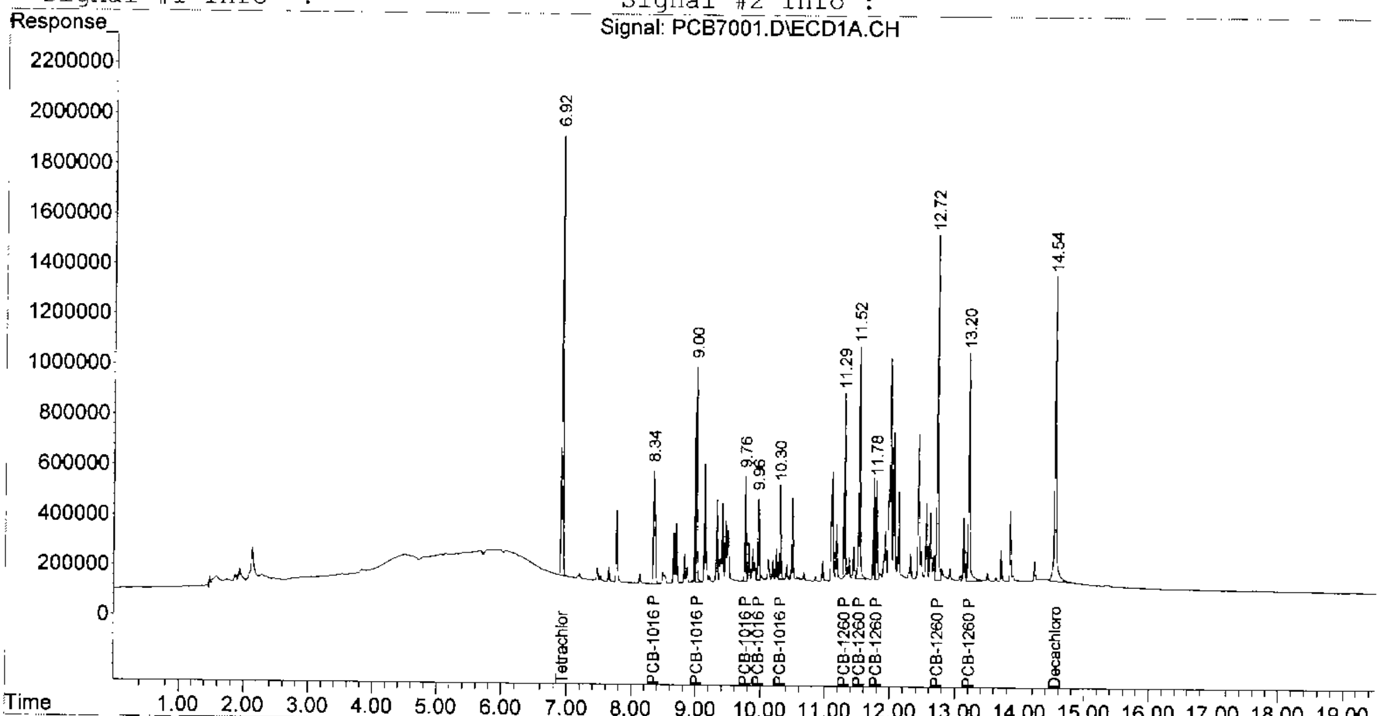
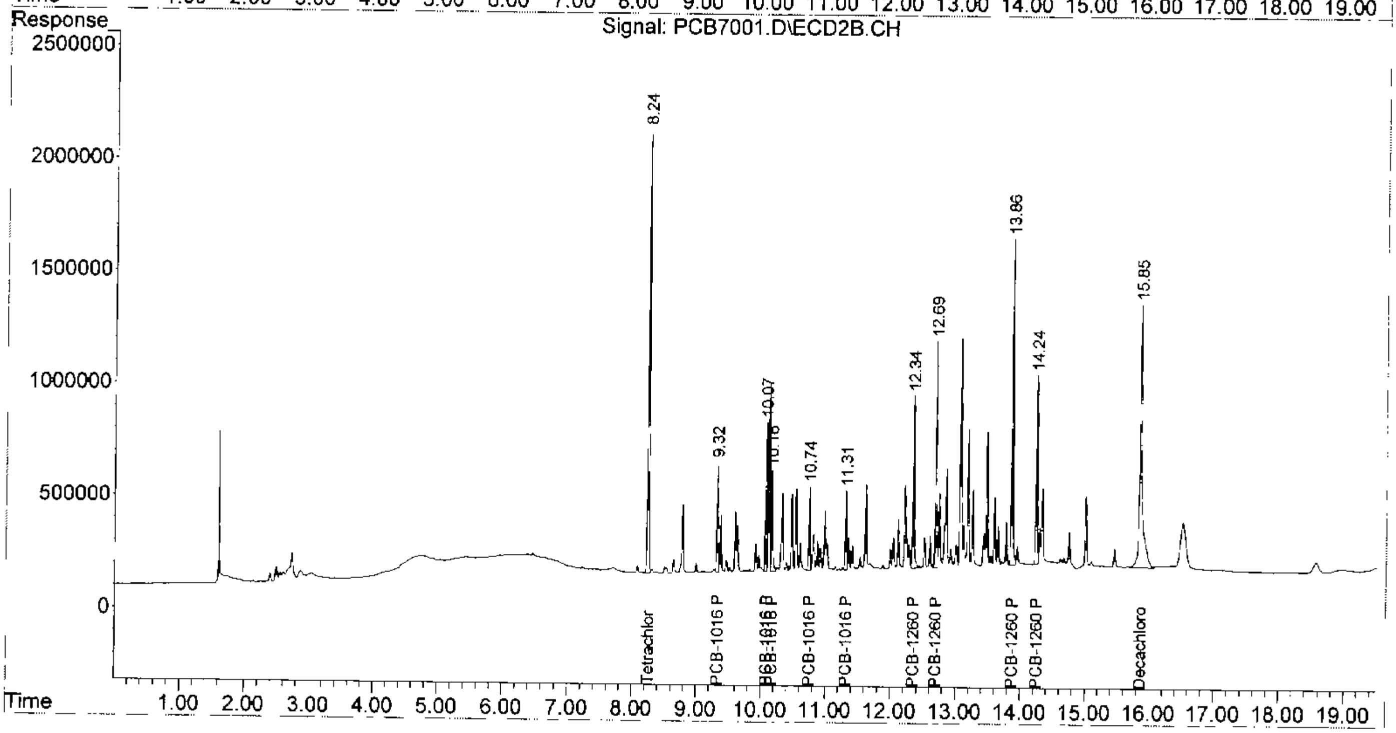




Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070404_A\PCB7002.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070404_A\PCB7002.D\ECD2B.CH
Acq On : 04 Apr 2007 10:05 am Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 04 10:38:53 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	65289855	73474535	25.380	23.941
	Spiked Amount 20.000			Recovery	=	126.90%	119.71%
14)	S Decachlorobiphen	14.54	15.85	41534420	58487314	22.045	29.353 #
	Spiked Amount 20.000			Recovery	=	110.23%	146.77%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	22015165	15726455	251.741	237.117
3)	L3 PCB-1016 Peak 2	9.00	10.07	29446205	23598372	236.149	233.963
4)	L3 PCB-1016 Peak 3	9.76	10.16	13986867	18261865	226.565	234.694
5)	L3 PCB-1016 Peak 4	9.96	10.74	11740622	13801158	223.782	233.737
6)	L3 PCB-1016 Peak 5	10.30	11.31	13151381	14235509	216.588	208.885
7)	L3 PCB-1016 - Total	0.00	0.00	90340239	85623359	231.054m	217.154m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	24160407	28379897	211.807	218.050
9)	L4 PCB-1260 Peak 2	11.52	12.34	33752872	28379897	223.307	228.275
10)	L4 PCB-1260 Peak 3	11.78	12.69	16207804	34167332	202.417	244.790
11)	L4 PCB-1260 Peak 4	12.72	13.86f	48404152	53860152	221.366	248.066
12)	L4 PCB-1260 Peak 5	13.20	14.24	37632130	31312638	222.718	246.804
13)	L4 PCB-1260 - Total	0.00	0.00	160.2E6	176.1E6	214.786m	234.338m

(f)=RT Delta > 1/2 Window (#)=Amounts di[illegible] (m)=manual int.
PCB7002.D 1660_8082_070319.M Wed Apr 04 10:38:54 2007

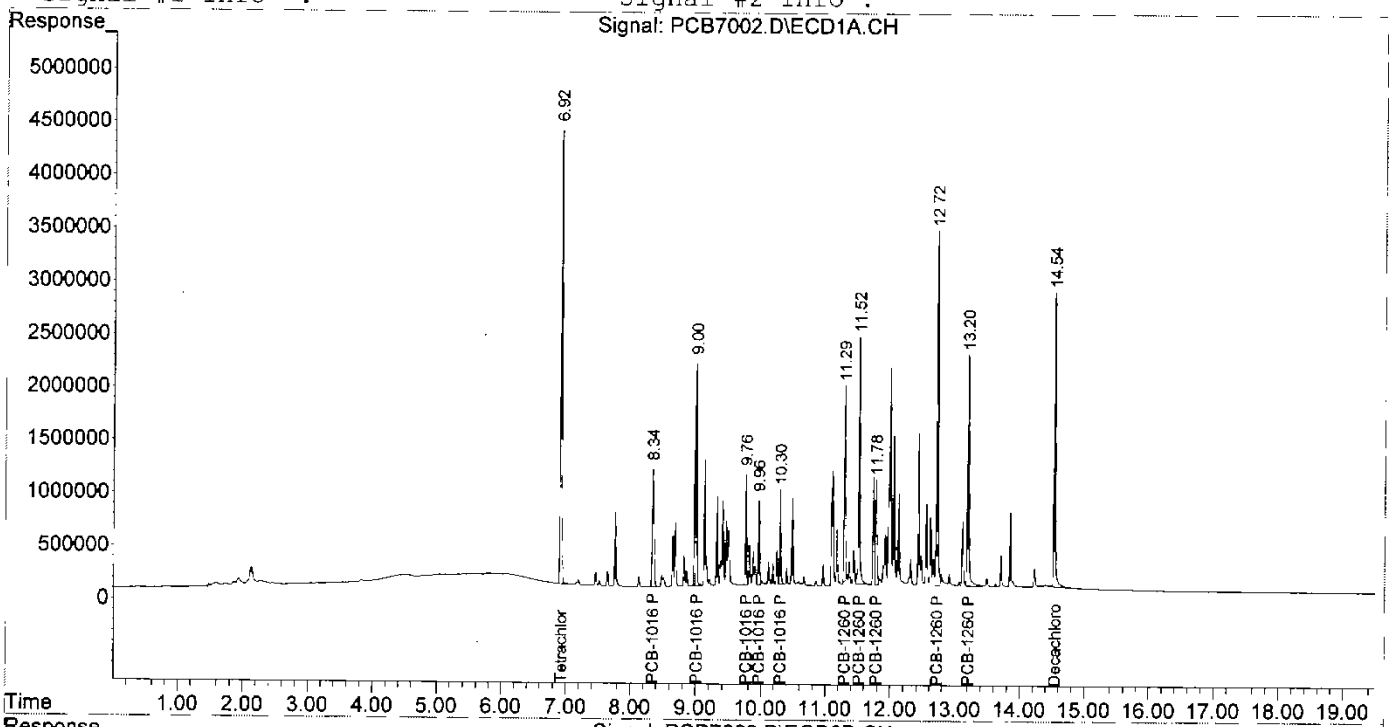
Data File Name PCB7002.D
Operator SLC
Date Acquired #VALUE!
Instrument Name sea034

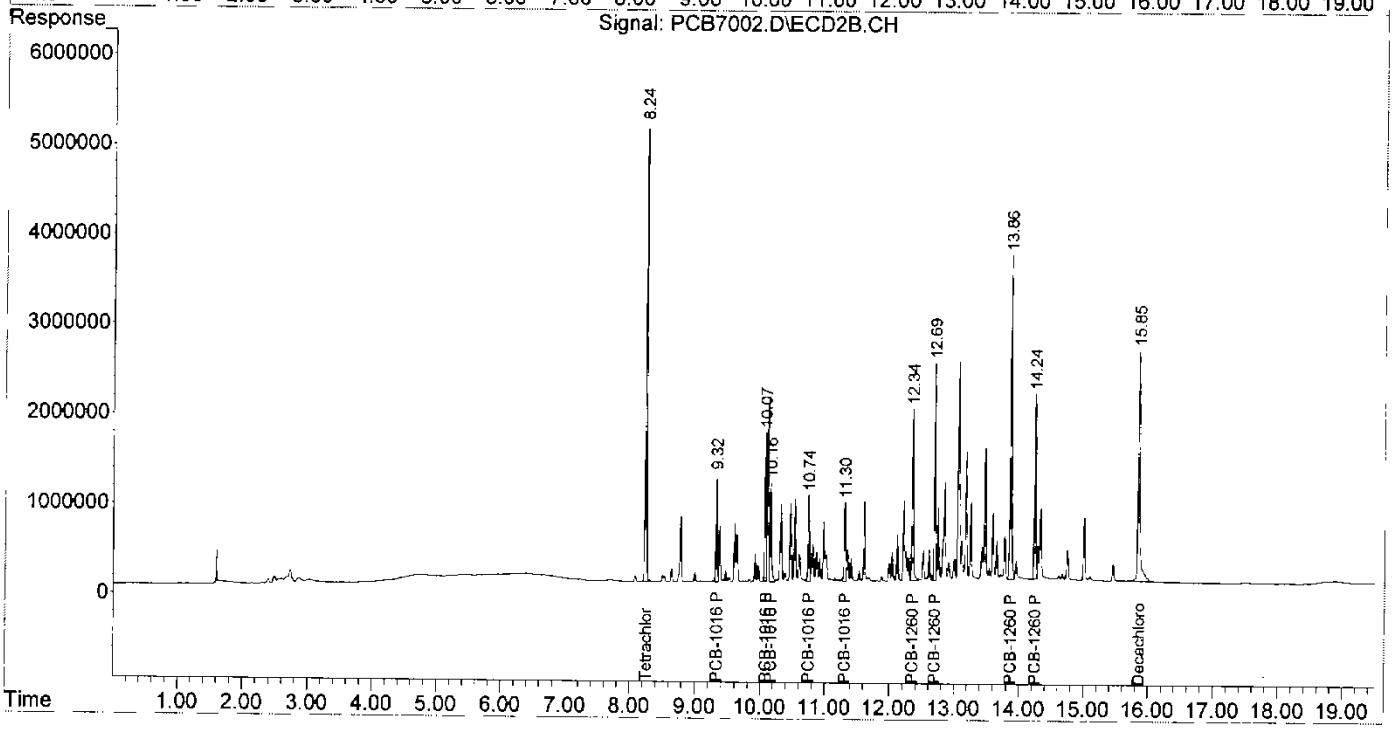
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.339	22015165	251.7	9.321	15726455	237.1	
PCB-1016 Peak 2	9.005	29446205	236.1	10.071	23598372	234.0	
PCB-1016 Peak 3	9.757	13986867	226.6	10.158	18261865	234.7	
PCB-1016 Peak 4	9.961	11740622	223.8	10.741	13801158	233.7	
PCB-1016 Peak 5	10.298	13151381	216.6	11.305	14235509	208.9	
		Average	231.0		Average	229.7	
		Actual	250.0		Actual	250.0	
		% Recovery	92.4	**Pass**	% Recovery	91.9	**Pass**
PCB-1260 Peak 1	11.290	24160407	211.8	12.342	28379897	218.0	
PCB-1260 Peak 2	11.517	33752872	223.3	12.342	28379897	228.3	
PCB-1260 Peak 3	11.780	16207804	202.4	12.688	34167332	244.8	
PCB-1260 Peak 4	12.717	48404152	221.4	13.861	53860152	248.1	
PCB-1260 Peak 5	13.204	37632130	222.7	14.239	31312638	246.8	
		Average	216.3		Average	237.2	
		Actual	250.0		Actual	250.0	
		% Recovery	86.5	**Pass**	% Recovery	94.9	**Pass**

Signal #1 : Z:\DATA\070404_A\PCB7002.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070404_A\PCB7002.D\ECD2B.CH
Acq On : 04 Apr 2007 10:05 am Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 10:38 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





METHOD BLANK

Signal #1 : Z:\DATA\070403_A\PCB6959.D\ECD1A.CH Vial: 1
Signal #2 : Z:\DATA\070403_A\PCB6959.D\ECD2B.CH
Acq On : 03 Apr 2007 11:43 am Operator: SLC
Sample : MB 580-17227/1-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:10:20 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

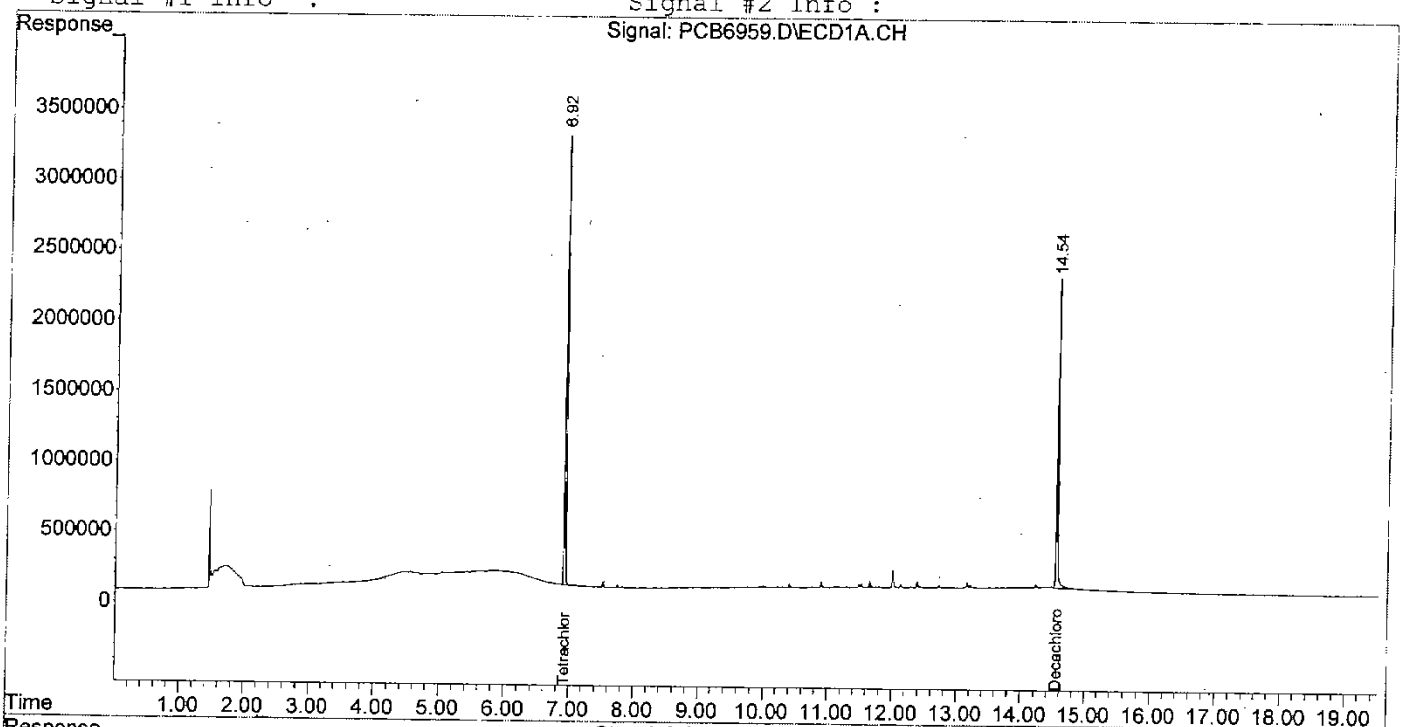
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	48514159	54533787	18.859	17.770
	Spiked Amount 20.000			Recovery	=	94.30%	88.85%
14)	S Decachlorobiphen	14.54	15.86	32813369	39215598	17.417	19.681
	Spiked Amount 20.000			Recovery	=	87.09%	98.41%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
3)	L3 PCB-1016 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
4)	L3 PCB-1016 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
5)	L3 PCB-1016 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
6)	L3 PCB-1016 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
7)	L3 PCB-1016 - Total	0.00	0.00	0	0	N.D. d	N.D. d
8)	L4 PCB-1260 Peak 1	0.00	0.00	0	0	N.D. d	N.D. d
9)	L4 PCB-1260 Peak 2	0.00	0.00	0	0	N.D. d	N.D. d
10)	L4 PCB-1260 Peak 3	0.00	0.00	0	0	N.D. d	N.D. d
11)	L4 PCB-1260 Peak 4	0.00	0.00	0	0	N.D. d	N.D. d
12)	L4 PCB-1260 Peak 5	0.00	0.00	0	0	N.D. d	N.D. d
13)	L4 PCB-1260 - Total	0.00	0.00	0	0	N.D. d	N.D. d

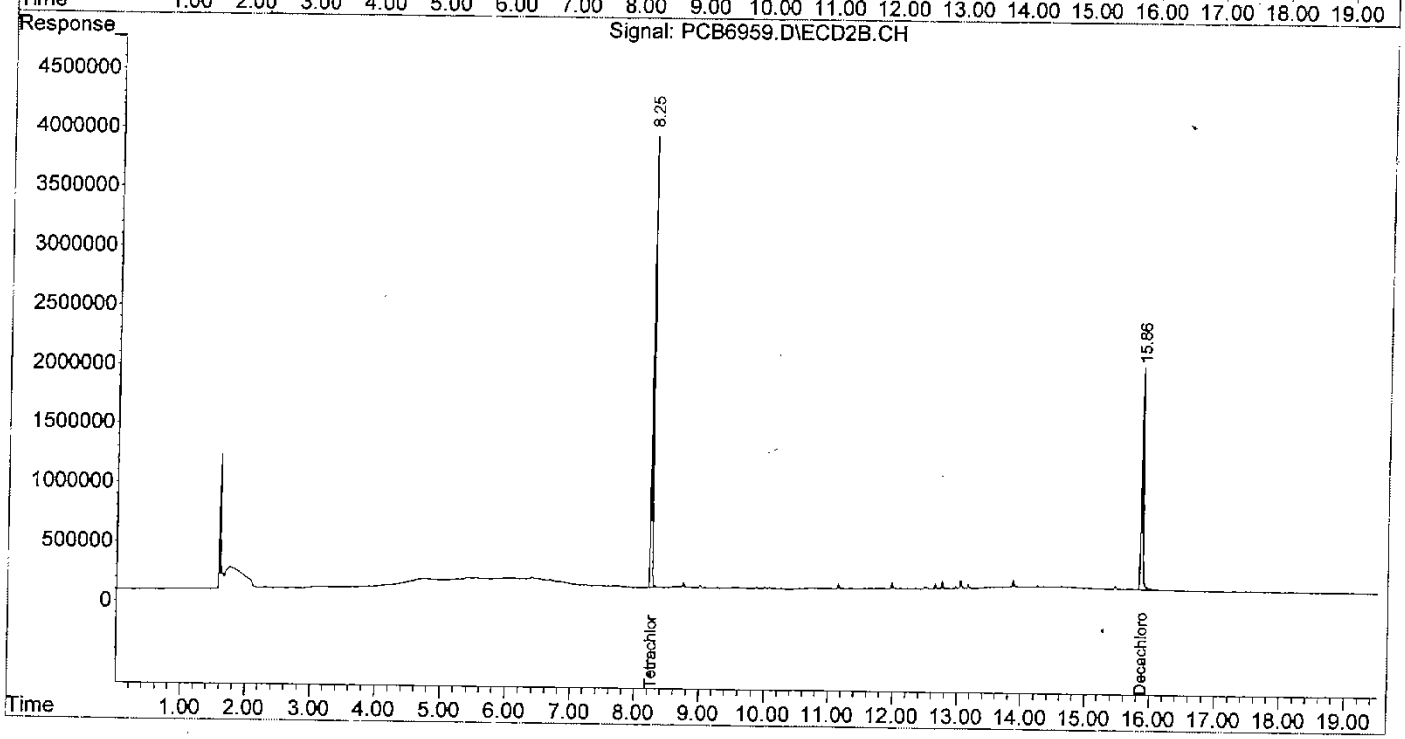
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
PCB6959.D 1660_8082_070319.M Tue Apr 03 13:11:19 2007

Signal #1 : Z:\DATA\070403_A\PCB6959.D\ECD1A.CH Vial: 1
Signal #2 : Z:\DATA\070403_A\PCB6959.D\ECD2B.CH
Acq On : 03 Apr 2007 11:43 am Operator: SLC
Sample : MB 580-17227/1-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:11 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070403_A\PCB6959.D\ECD1A.CH Vial: 1
Signal #2 : Z:\DATA\070403_A\PCB6959.D\ECD2B.CH
Acq On : 03 Apr 2007 11:43 am Operator: SLC
Sample : MB 580-17227/1-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:10:20 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

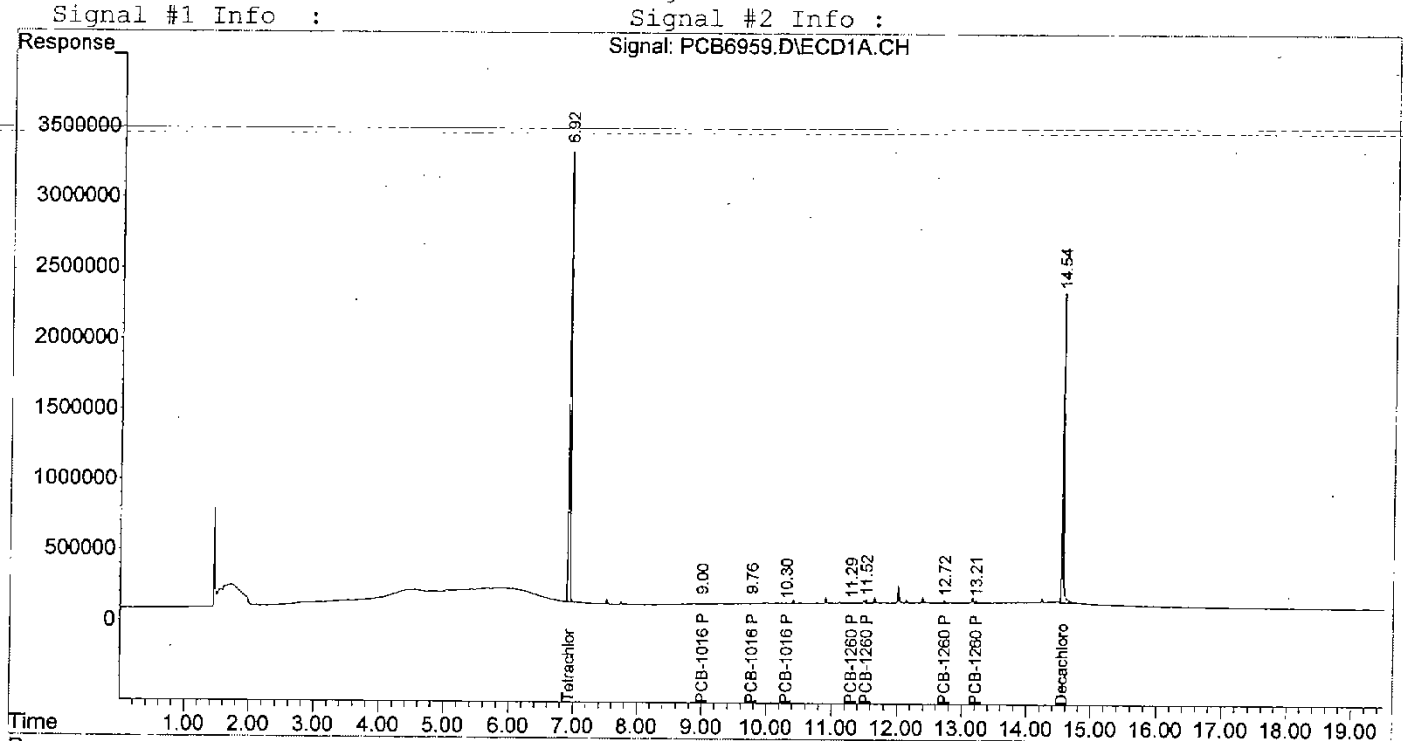
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.25f	48514159	54533787	18.859	17.770
	Spiked Amount 20.000			Recovery	=	94.30%	88.85%
14)	S Decachlorobiphen	14.54	15.86	32813369	39215598	17.417	19.681
	Spiked Amount 20.000			Recovery	=	87.09%	98.41%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	0.00	37029	0	N.D.	N.D.
3)	L3 PCB-1016 Peak 2	9.01	10.06	105995	188246	0.850	1.866 #
4)	L3 PCB-1016 Peak 3	9.76	10.15	75124	142869	1.217	N.D. #
5)	L3 PCB-1016 Peak 4	0.00	10.74	0	303930	N.D.	N.D.
6)	L3 PCB-1016 Peak 5	10.30	11.31	36057	146909	0.594	2.156 #
7)	L3 PCB-1016 - Total	0.00	0.00	254205	781953	0.650m	1.983m#
8)	L4 PCB-1260 Peak 1	11.29	12.34f	80298	119525	0.704	0.918 #
9)	L4 PCB-1260 Peak 2	11.52	12.34	382372	119525	2.530	N.D. #
10)	L4 PCB-1260 Peak 3	11.78	12.69	158475	159459	N.D.	1.142 #
11)	L4 PCB-1260 Peak 4	12.72	13.87f	240299	1719404	1.099	7.919 #
12)	L4 PCB-1260 Peak 5	13.21	14.24	298806	1025895	1.768	8.086 #
13)	L4 PCB-1260 - Total	0.00	0.00	1160249	3143808	1.556m	4.183m#

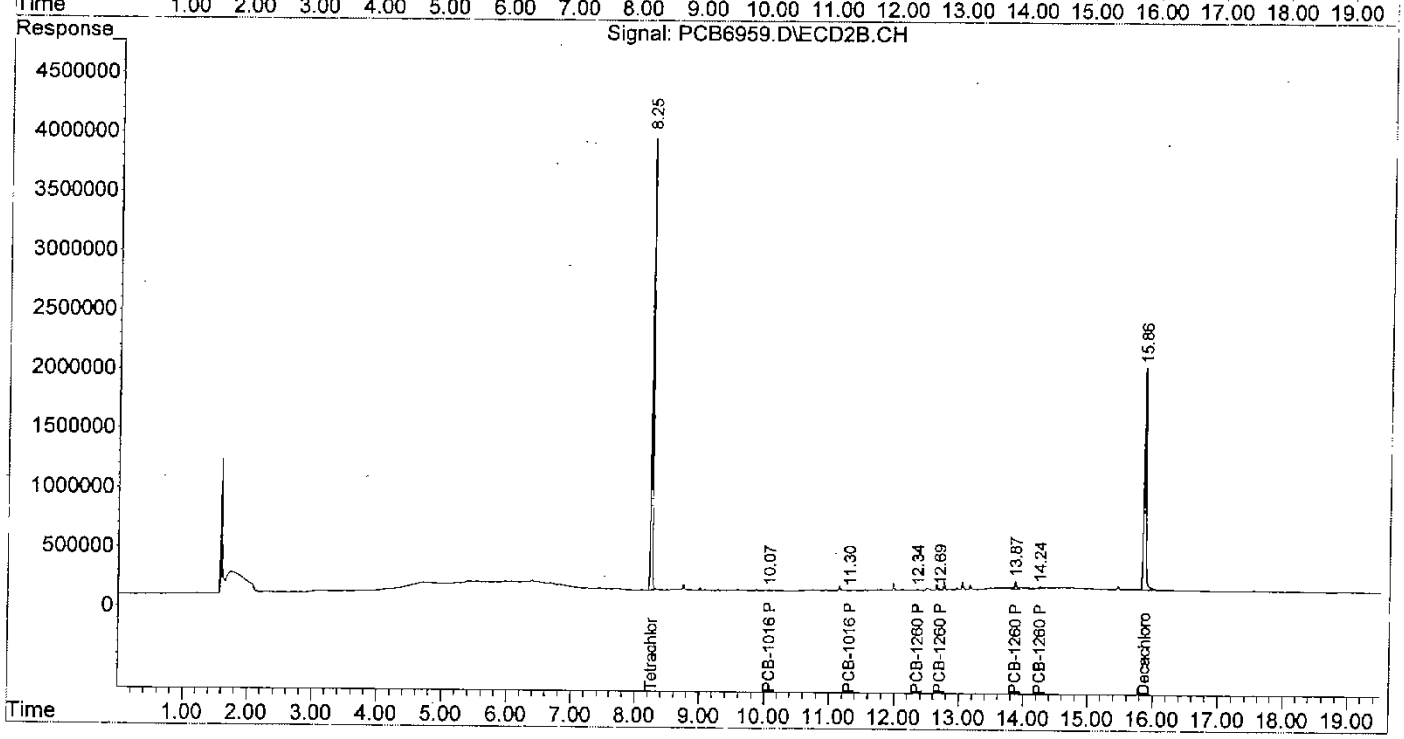
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070403_A\PCB6959.D\ECD1A.CH Vial: 1
Signal #2 : Z:\DATA\070403_A\PCB6959.D\ECD2B.CH
Acq On : 03 Apr 2007 11:43 am Operator: SLC
Sample : MB 580-17227/1-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:10 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





BLANK SPIKE

Signal #1 : Z:\DATA\070403_A\PCB6960.D\ECD1A.CH Vial: 2
Signal #2 : Z:\DATA\070403_A\PCB6960.D\ECD2B.CH
Acq On : 03 Apr 2007 12:07 pm Operator: SLC
Sample : LCS 580-17227/2-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:11:24 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

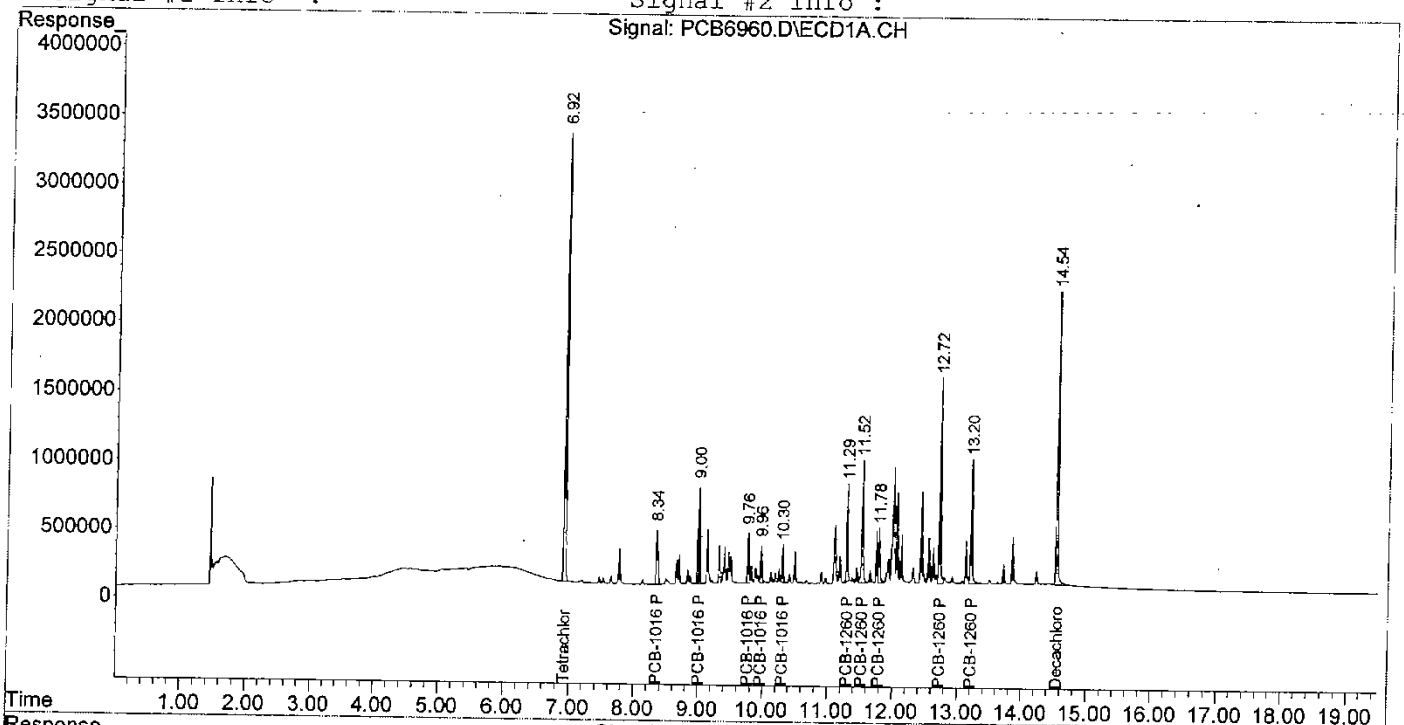
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	48443294	55030232	18.831	17.931
	Spiked Amount 20.000			Recovery =		94.16%	89.66%
14) S	Decachlorobiphen	14.54	15.85	32107279	37552741	17.042	18.847
	Spiked Amount 20.000			Recovery =		85.21%	94.23%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	7857073	5717470	84.544	86.206
3) L3	PCB-1016 Peak 2	9.00	10.07	9948100	8356465	79.781	82.849
4) L3	PCB-1016 Peak 3	9.76	10.16	4825824	6689363	78.171	81.152
5) L3	PCB-1016 Peak 4	9.96	10.74	4046048	5132633	77.120	83.495
6) L3	PCB-1016 Peak 5	10.30	11.31	4025917	4688617	66.302	68.799
7) L3	PCB-1016 - Total	0.00	0.00	30702962	30584548	78.526m	77.567m
8) L4	PCB-1260 Peak 1	11.29	12.34f	9412157	11076206	82.514	85.101
9) L4	PCB-1260 Peak 2	11.52	12.34	12660597	11076206	83.762	87.530
10) L4	PCB-1260 Peak 3	11.78	12.69	6693764	12738890	75.299	91.267
11) L4	PCB-1260 Peak 4	12.72	13.86f	20850599	22682493	95.356	104.470
12) L4	PCB-1260 Peak 5	13.20	14.24	15745134	13063212	93.184	102.963
13) L4	PCB-1260 - Total	0.00	0.00	65362251	70637006	87.657m	93.997m

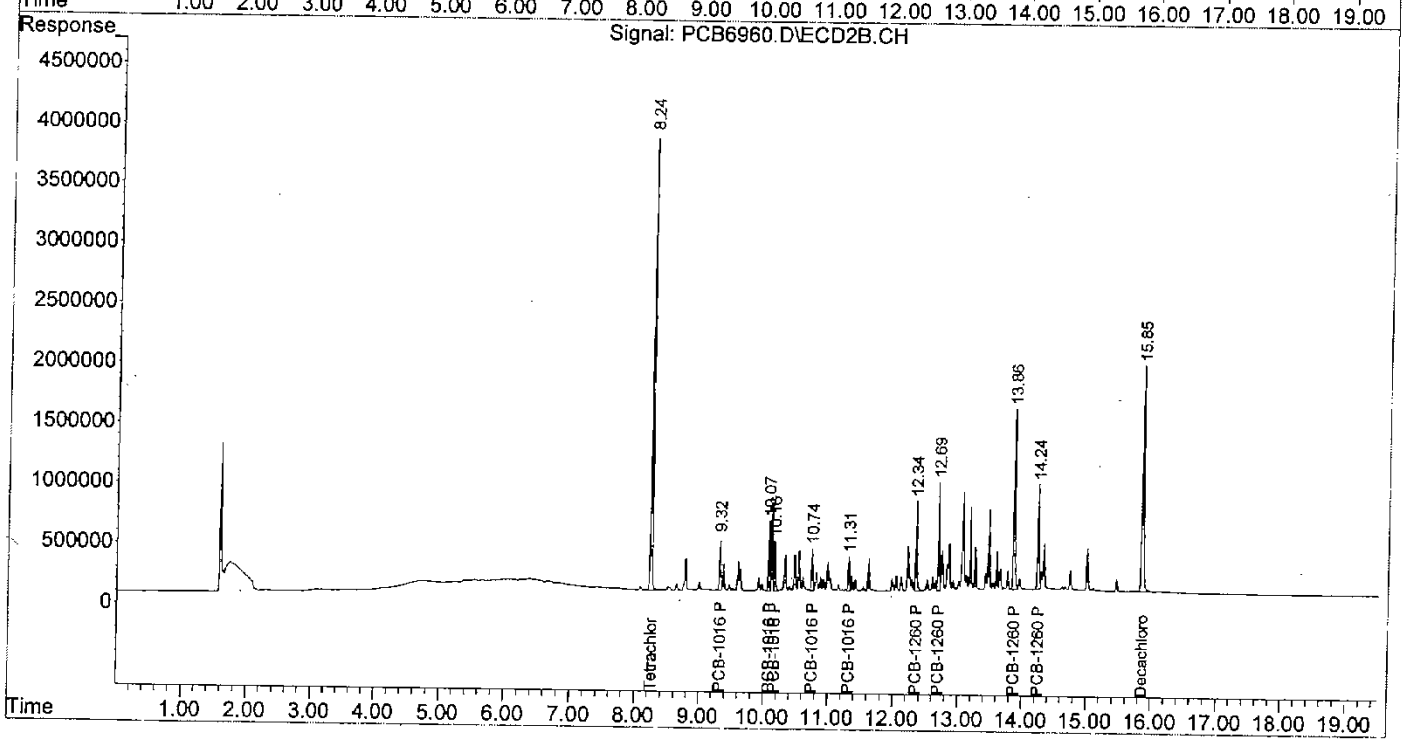
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070403_A\PCB6960.D\ECD1A.CH Vial: 2
Signal #2 : Z:\DATA\070403_A\PCB6960.D\ECD2B.CH
Acq On : 03 Apr 2007 12:07 pm Operator: SLC
Sample : LCS 580-17227/2-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:11 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070403_A\PCB6961.D\ECD1A.CH Vial: 3
Signal #2 : Z:\DATA\070403_A\PCB6961.D\ECD2B.CH
Acq On : 03 Apr 2007 12:30 pm Operator: SLC
Sample : LCSD 580-17227/3-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:11:45 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	45483841	50899736	17.681	16.585
	Spiked Amount 20.000			Recovery	=	88.41%	82.93%
14)	S Decachlorobiphen	14.54	15.85	29286520	34192420	15.545	17.160
	Spiked Amount 20.000			Recovery	=	77.72%	85.80%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	7675133	5498375	82.396	82.902
3)	L3 PCB-1016 Peak 2	9.00	10.07	9375776	8271273	75.191	82.004
4)	L3 PCB-1016 Peak 3	9.76	10.16	4700077	6342516	76.134	76.550
5)	L3 PCB-1016 Peak 4	9.96	10.74	3922714	4887563	74.769	79.247
6)	L3 PCB-1016 Peak 5	10.30	11.31	3983057	4392426	65.596	64.452
7)	L3 PCB-1016 - Total	0.00	0.00	29656758	29392153	75.850m	74.543m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	8845581	10228976	77.547	78.592
9)	L4 PCB-1260 Peak 2	11.52	12.34	11802143	10228976	78.082	80.638
10)	L4 PCB-1260 Peak 3	11.78	12.69	6361780	12146717	70.863	87.024
11)	L4 PCB-1260 Peak 4	12.72	13.86f	19672031	20970001	89.966	96.582
12)	L4 PCB-1260 Peak 5	13.20	14.24	14776784	12213952	87.453	96.269
13)	L4 PCB-1260 - Total	0.00	0.00	61458320	65788620	82.421m	87.546m

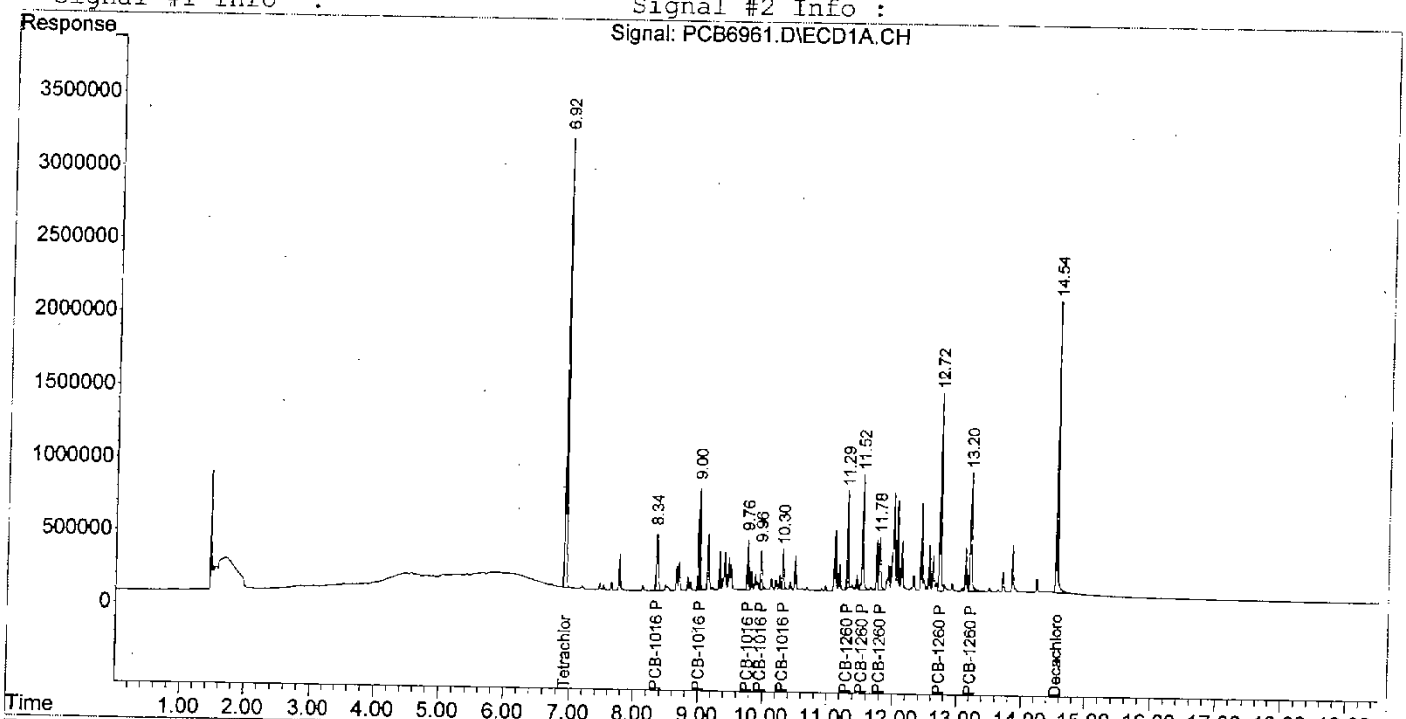
(f)=RT Delta > 1/2 Window (#)=Amounts diff by >15% (m)=manual int.

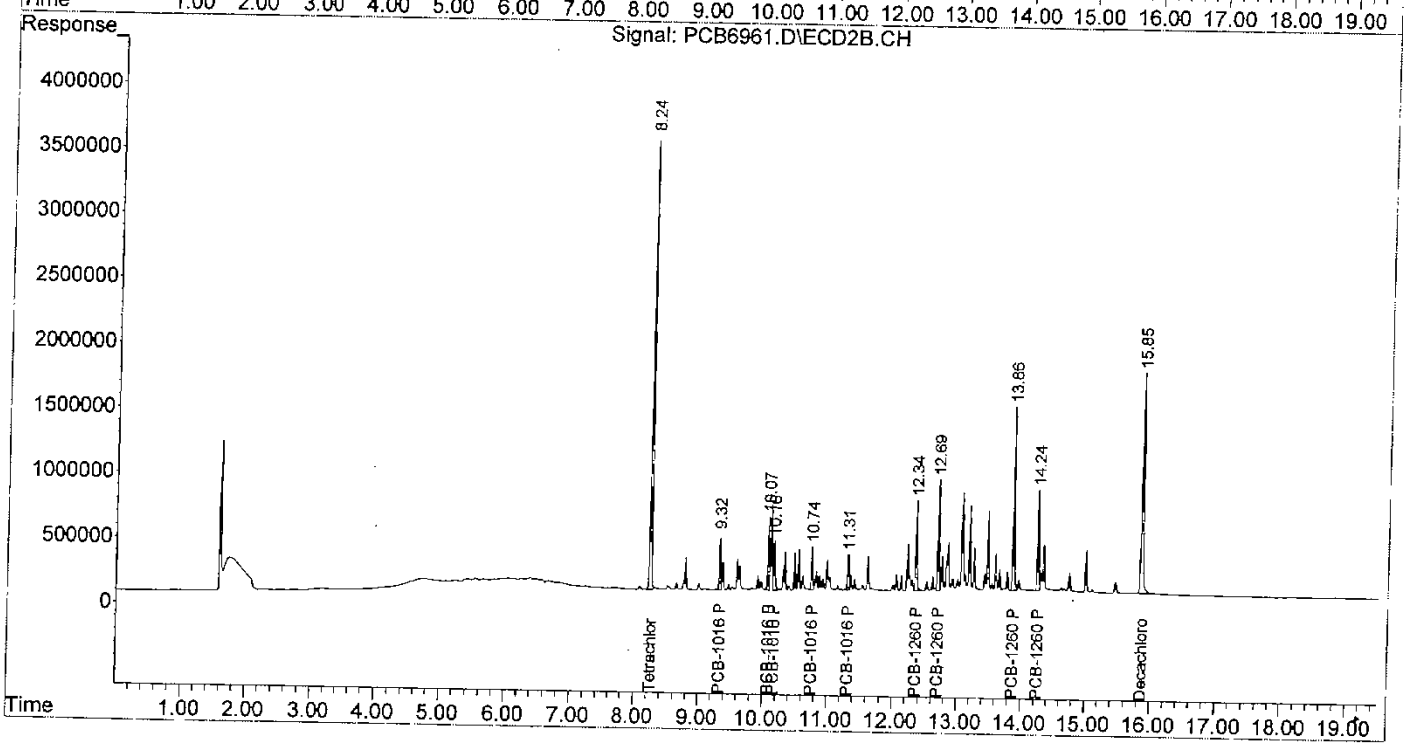
0047799

Signal #1 : Z:\DATA\070403_A\PCB6961.D\ECD1A.CH Vial: 3
Signal #2 : Z:\DATA\070403_A\PCB6961.D\ECD2B.CH
Acq On : 03 Apr 2007 12:30 pm Operator: SLC
Sample : LCSD 580-17227/3-AA Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:11 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





MATIX SPIKE / MATRIX SPIKE DUPLICATE

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:40:32 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

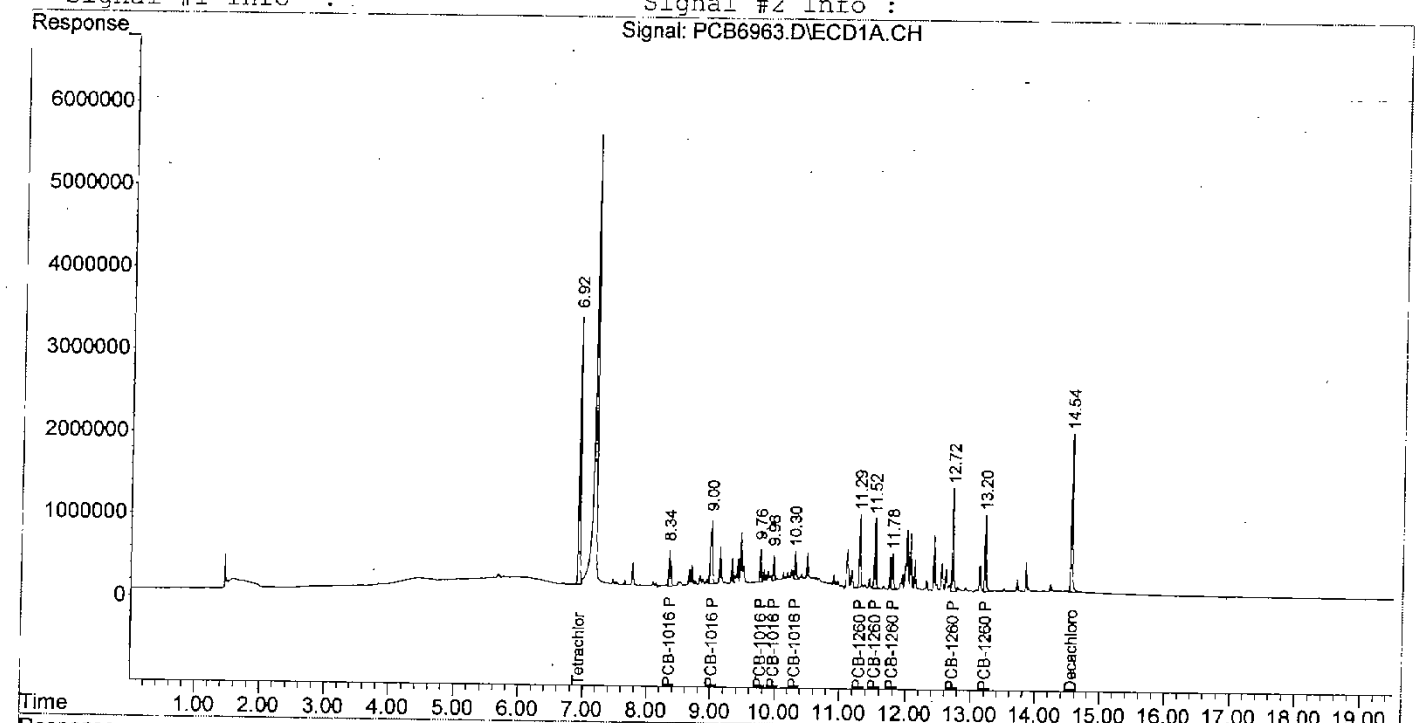
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	50096552	55227930	19.474	17.996
	Spiked Amount 20.000			Recovery	=	97.37%	89.98%
14)	S Decachlorobiphen	14.54	15.85	28174482	34477334	14.954	17.303
	Spiked Amount 20.000			Recovery	=	74.77%	86.52%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9019248	6505930	98.269	98.094m
3)	L3 PCB-1016 Peak 2	9.00	10.07	16929196	9612635	135.767	95.303m#
4)	L3 PCB-1016 Peak 3	9.76	10.16	5247434	8368783	85.000	103.434m
5)	L3 PCB-1016 Peak 4	9.96	10.74	4537288	6233867	86.483	102.581m
6)	L3 PCB-1016 Peak 5	10.30	11.31	5518842	6103640	90.889	89.562
7)	L3 PCB-1016 - Total	0.00	0.00	41252007	36824855	105.506m	93.394m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	11825055	11194921	103.667	86.013
9)	L4 PCB-1260 Peak 2	11.52	12.34	12438408	11194921	82.292	88.495
10)	L4 PCB-1260 Peak 3	11.78	12.69	7146349	13289864	81.346	95.214
11)	L4 PCB-1260 Peak 4	12.72	13.86f	18668759	23028991	85.377	106.066
12)	L4 PCB-1260 Peak 5	13.20	14.24	15458450	13689113	91.488	107.897
13)	L4 PCB-1260 - Total	0.00	0.00	65537021	72397810	87.891m	96.341m

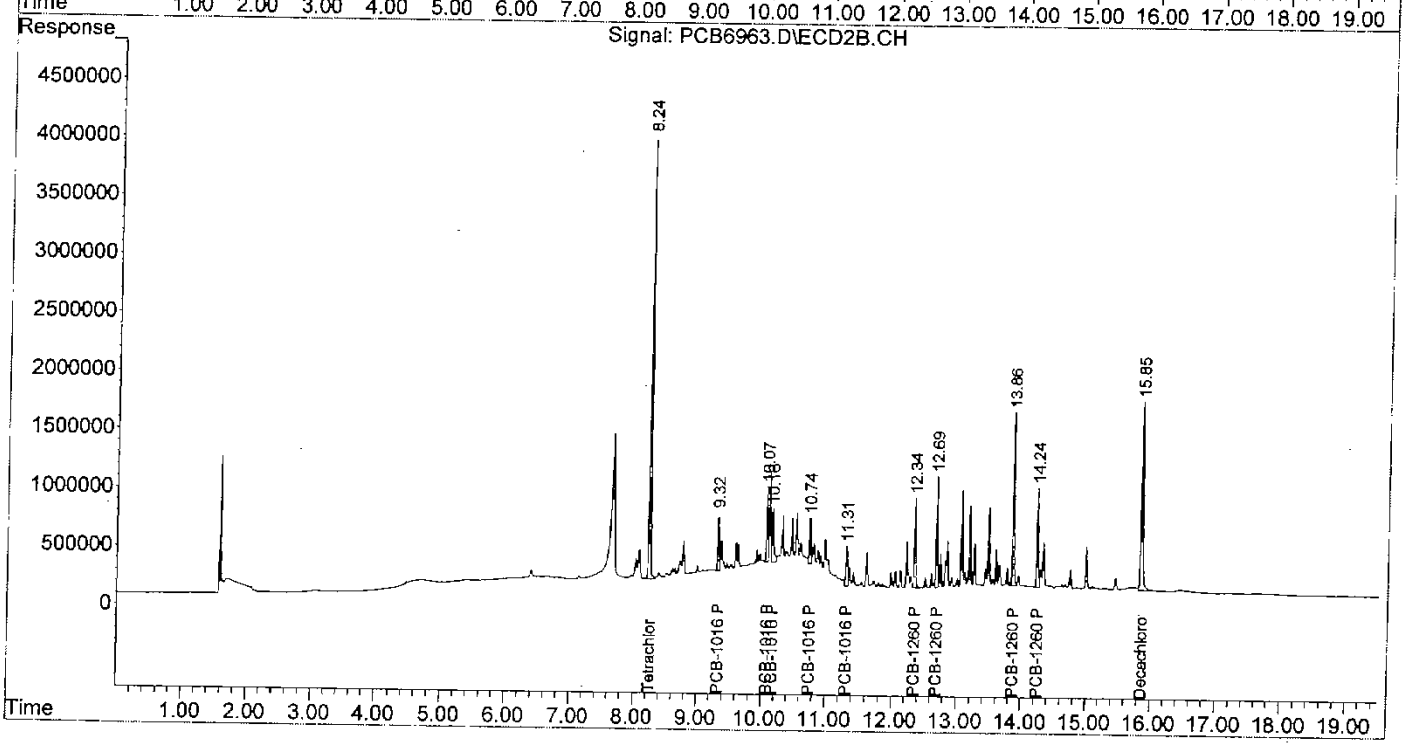
(f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:46 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

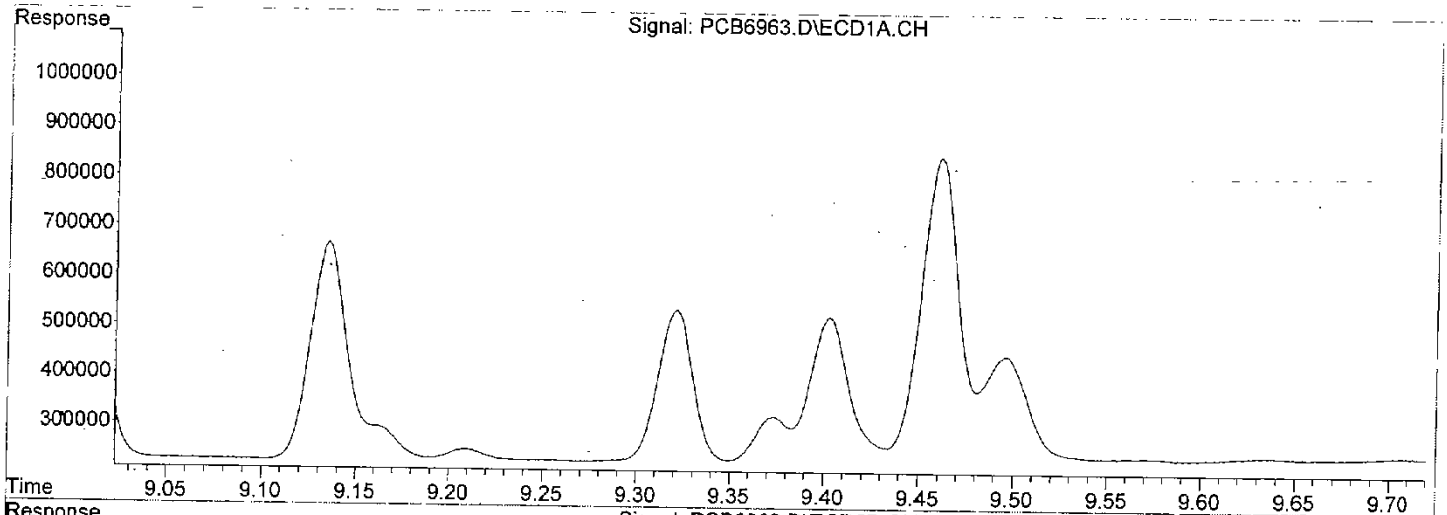
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

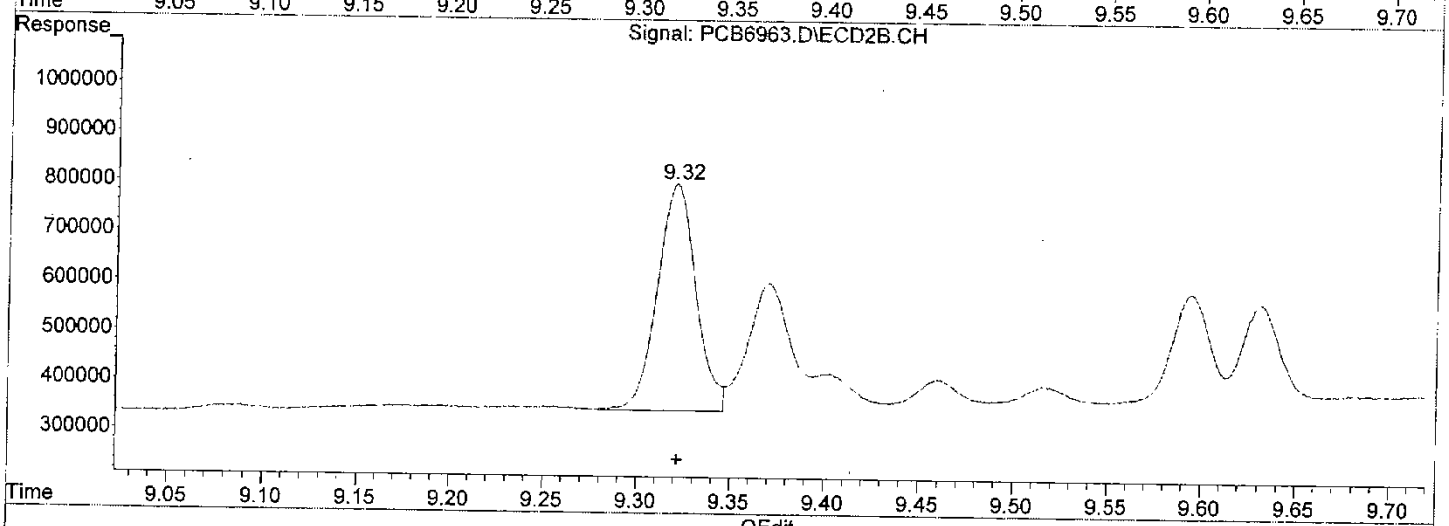




Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:40 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





(2) PCB-1016 Peak 1 #2 (L3)

R.T.	Response	Conc
8.34	9019248	98.27
9.00	16929196	135.77
9.76	5247434	85.00
9.96	4537288	86.48
10.30	5518842	90.89

(2) PCB-1016 Peak 1 #2 (L3)

R.T.	Response	Conc
9.32	6505930	98.09
10.07	17869756	177.17
10.16	16567058	212.21
10.74	12712929	214.88
11.31	6103640	89.56

(+) = Expected Retention Time

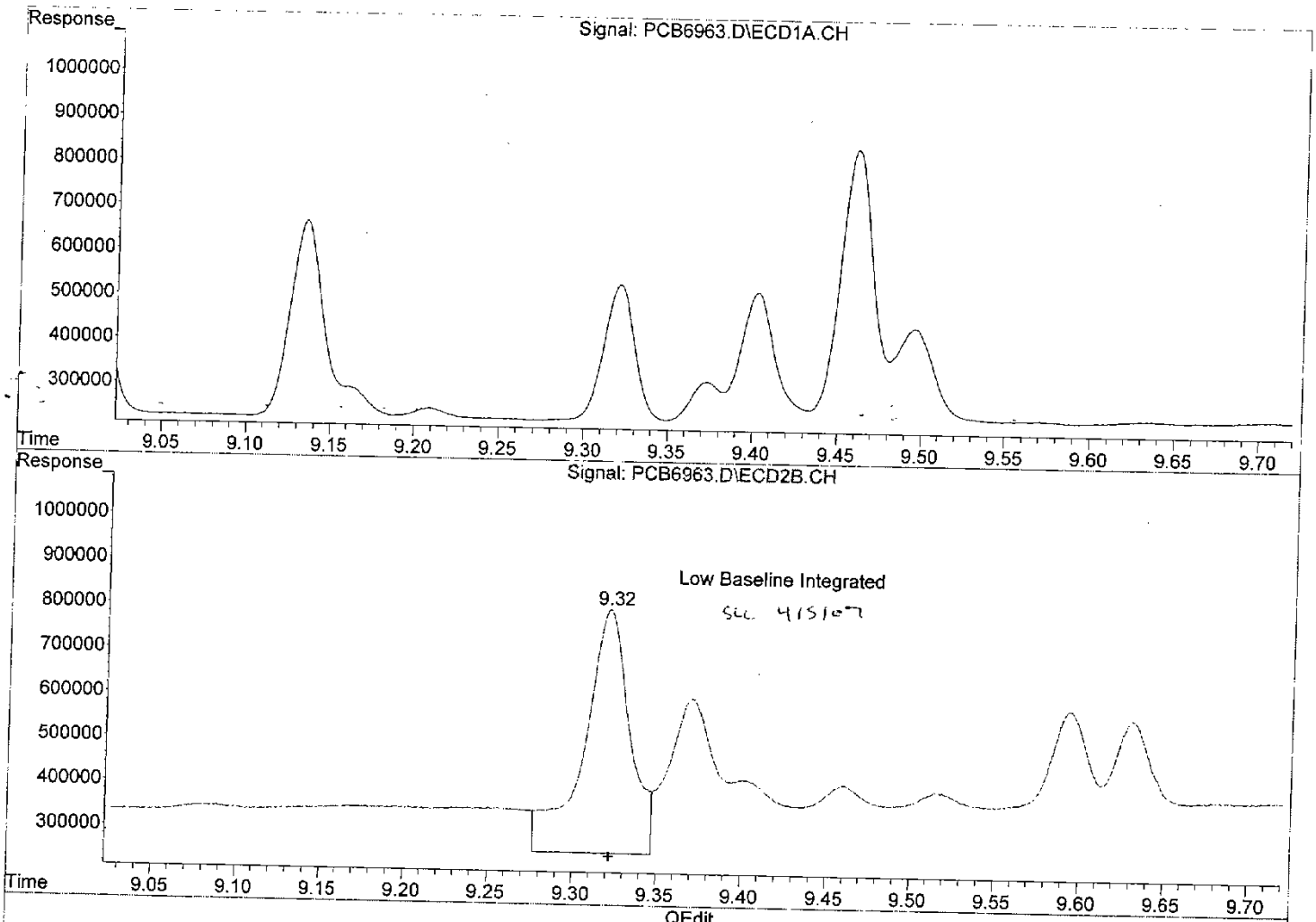
Quantitation Report (Qedit)

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM
Sample : 580-5453-C-9-E MS
Misc : BT=SEA03417227
IntFile Signal #1: EVENTS.E
Quant Time: Apr 3 13:40 2007

Vial: 5

Operator: SLC
Inst : sea034
Multiplr: 1.00
IntFile Signal #2: EVENTS2.E
Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration



(2) PCB-1016 Peak 1 (L3)

R.T.	Response	Conc
8.34	9019248	98.27
9.00	16929196	135.77
9.76	5247434	85.00
9.96	4537288	86.48
10.30	5518842	90.89

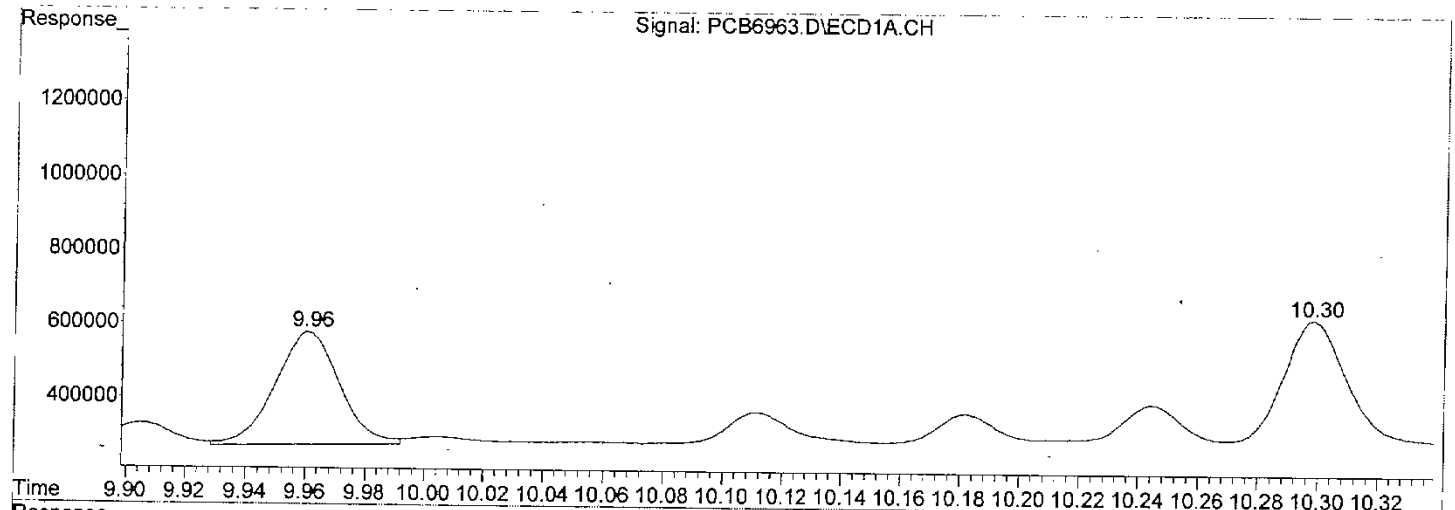
(2) PCB-1016 Peak 1 #2 (L3)

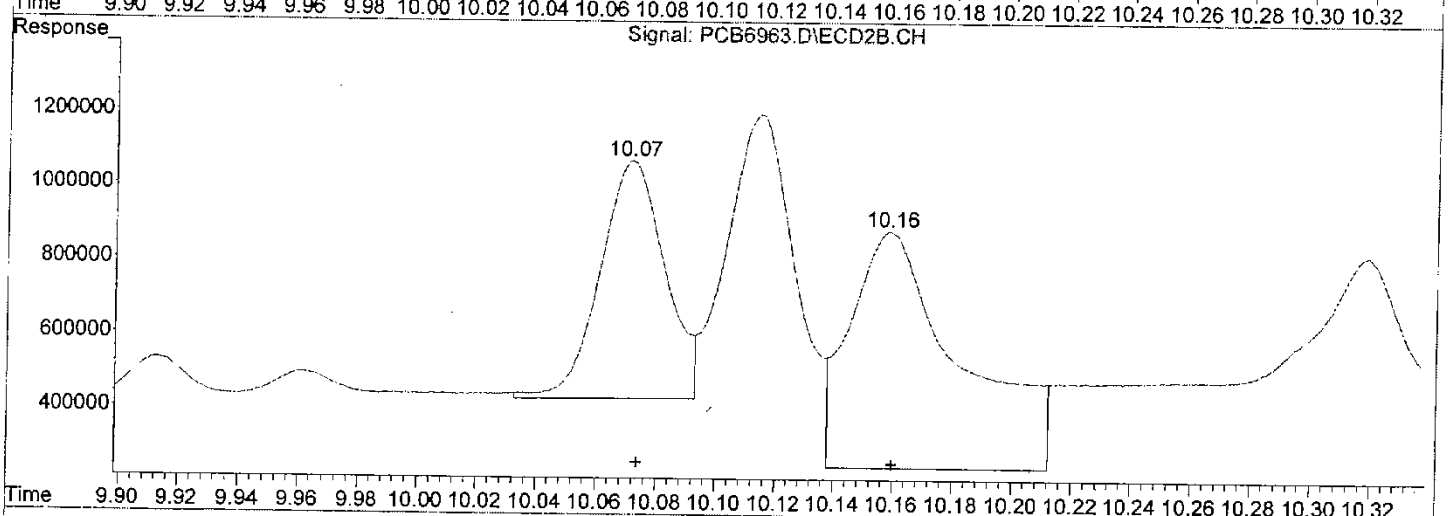
R.T.	Response	Conc
9.32	10371314	156.37
10.07	17869756	177.17
10.16	16567058	212.21
10.74	12712929	214.88
11.31	6103640	89.56

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:40 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





QEdit

(3) PCB-1016 Peak 2 #2 (L3)

R.T.	Response	Conc
9.00	16929196	135.77
9.76	5247434	85.00
9.96	4537288	86.48
10.30	5518842	90.89

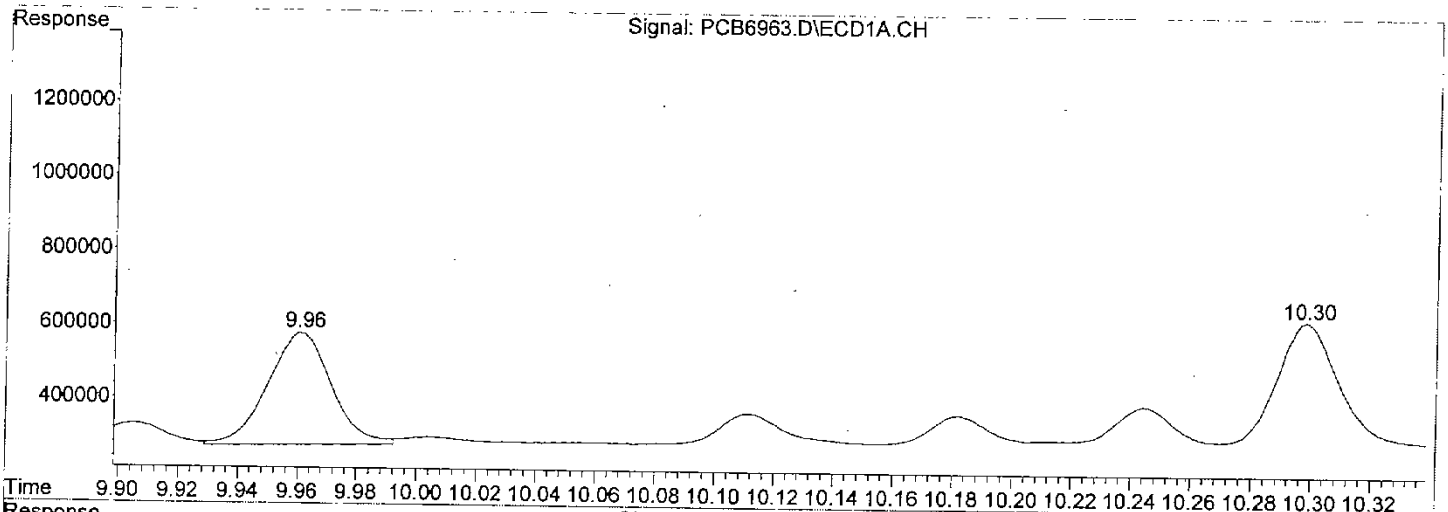
(3) PCB-1016 Peak 2 #2 (L3)

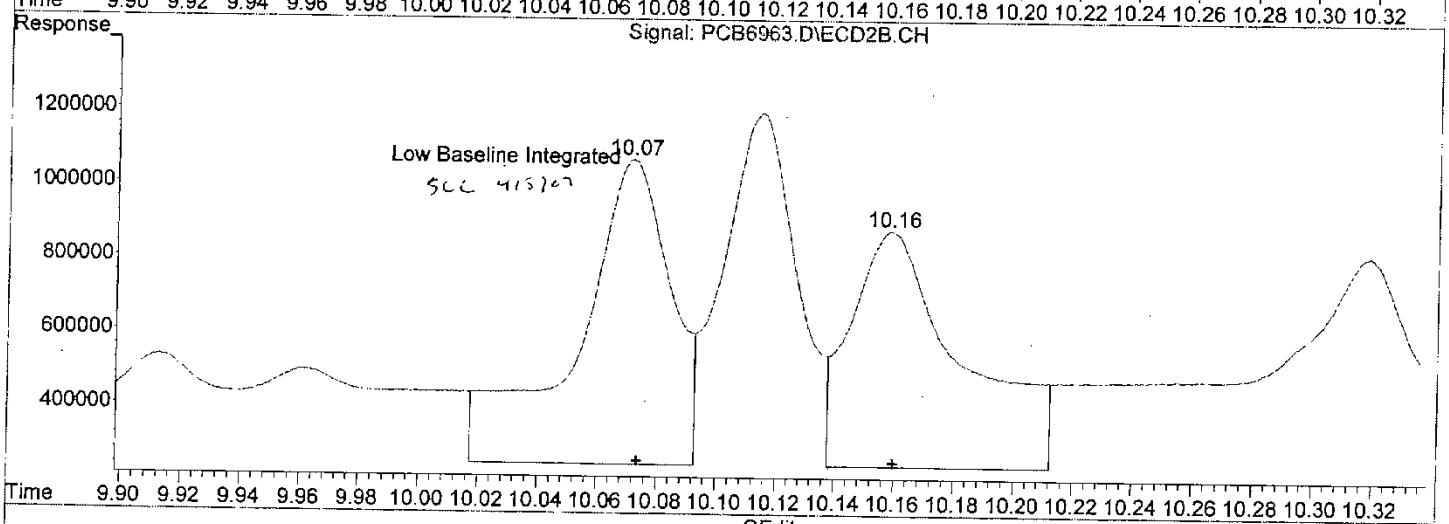
R.T.	Response	Conc
10.07	9612635	95.30
10.16	16567058	212.21
10.74	12712929	214.88
11.31	6103640	89.56

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:40 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





(3) PCB-1016 Peak 2 (L3)

R.T.	Response	Conc
9.00	16929196	135.77
9.76	5247434	85.00
9.96	4537288	86.48
10.30	5518842	90.89

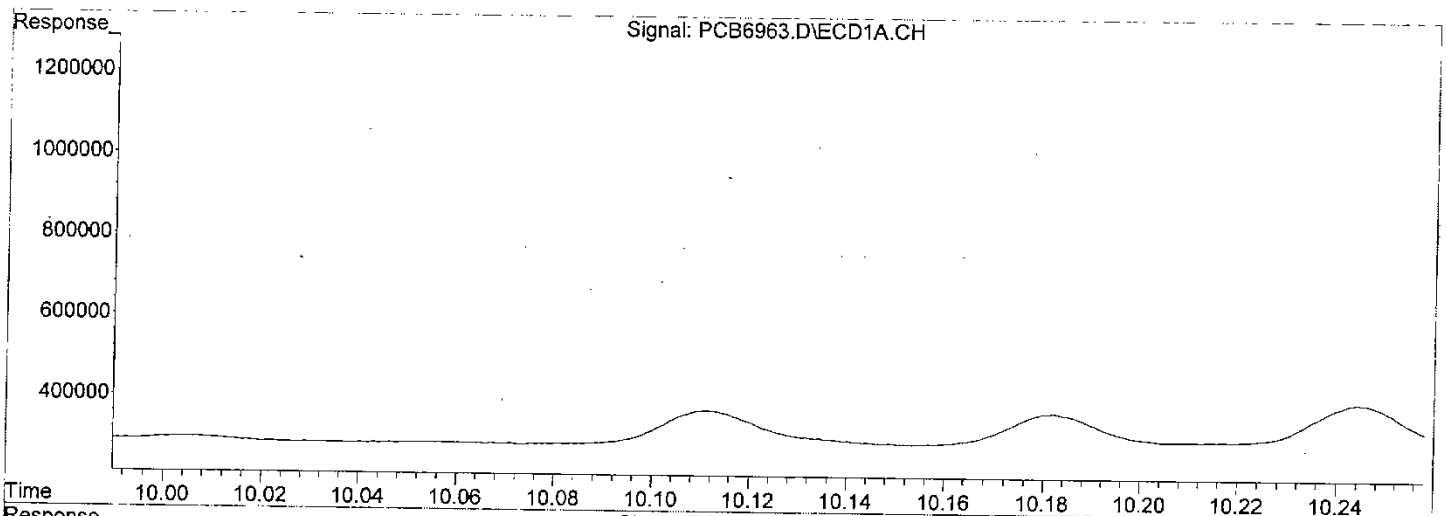
(3) PCB-1016 Peak 2 #2 (L3)

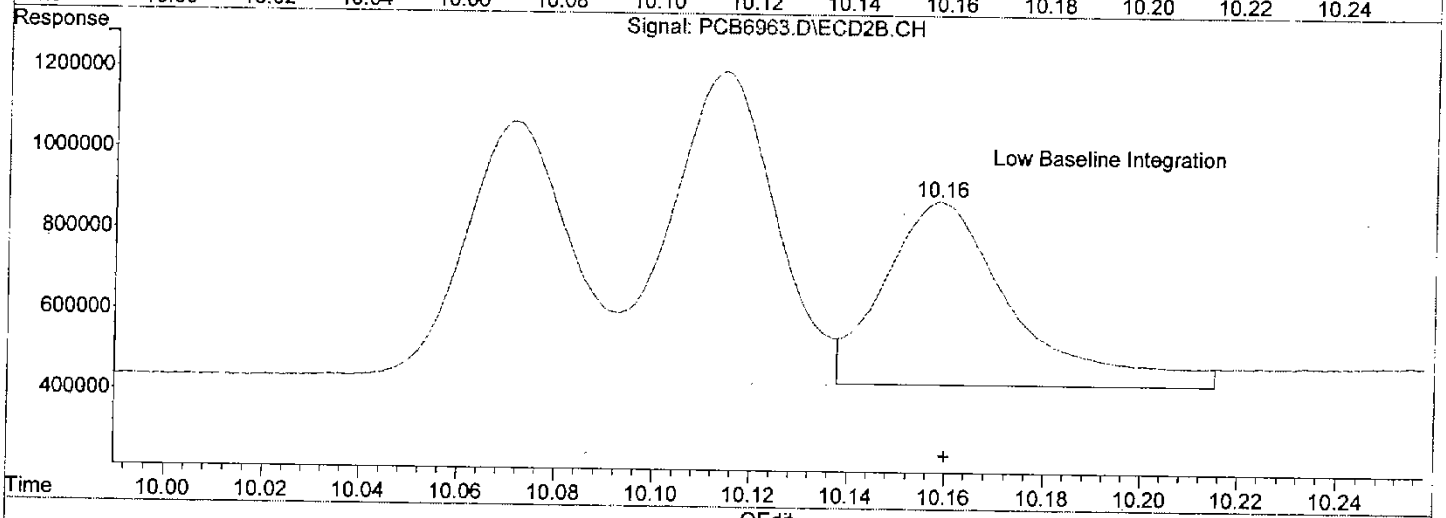
R.T.	Response	Conc
10.07	17869756	177.17
10.16	16567058	212.21
10.74	12712929	214.88
11.31	6103640	89.56

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:40 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





(4) PCB-1016 Peak 3 #2 (L3)

R.T.	Response	Conc
9.76	5247434	85.00
9.96	4537288	86.48
10.30	5518842	90.89

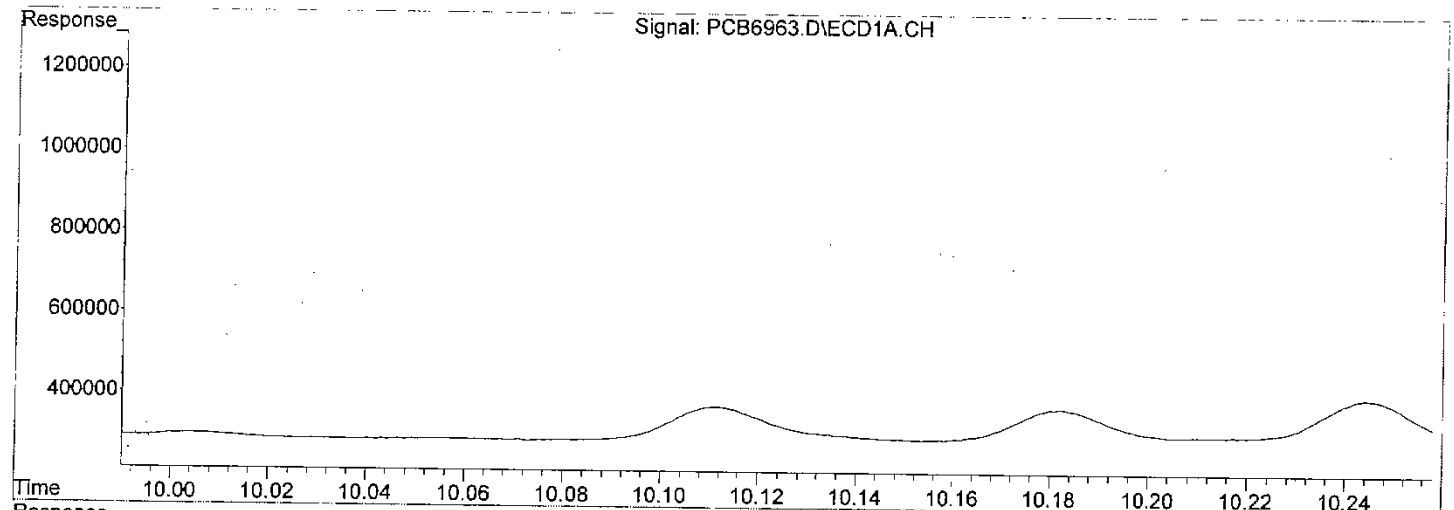
(4) PCB-1016 Peak 3 #2 (L3)

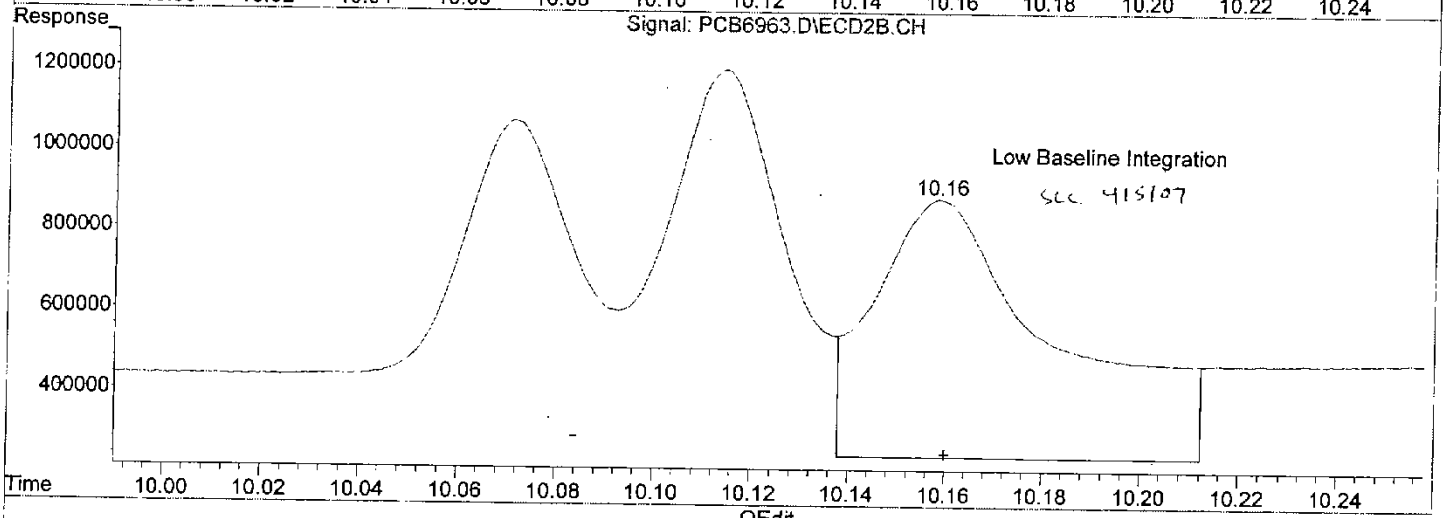
R.T.	Response	Conc
10.16	8368783	103.43
10.74	12712929	214.88
11.31	6103640	89.56

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:40 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





(4) PCB-1016 Peak 3 (L3)

R.T.	Response	Conc
9.76	5247434	85.00
9.96	4537288	86.48
10.30	5518842	90.89

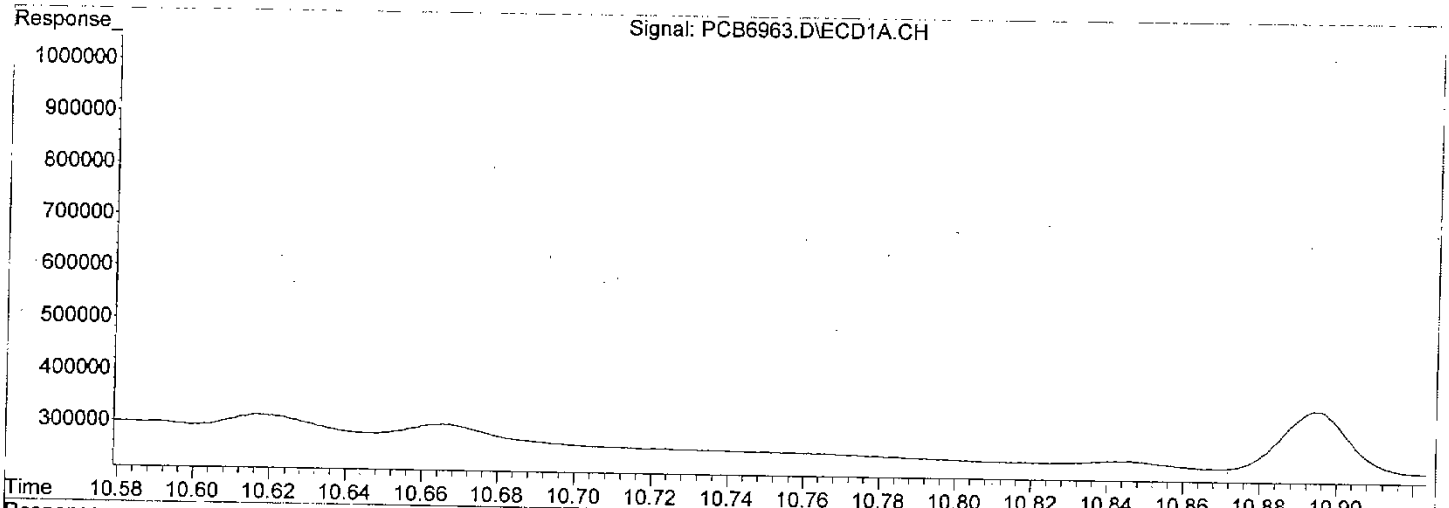
(4) PCB-1016 Peak 3 #2 (L3)

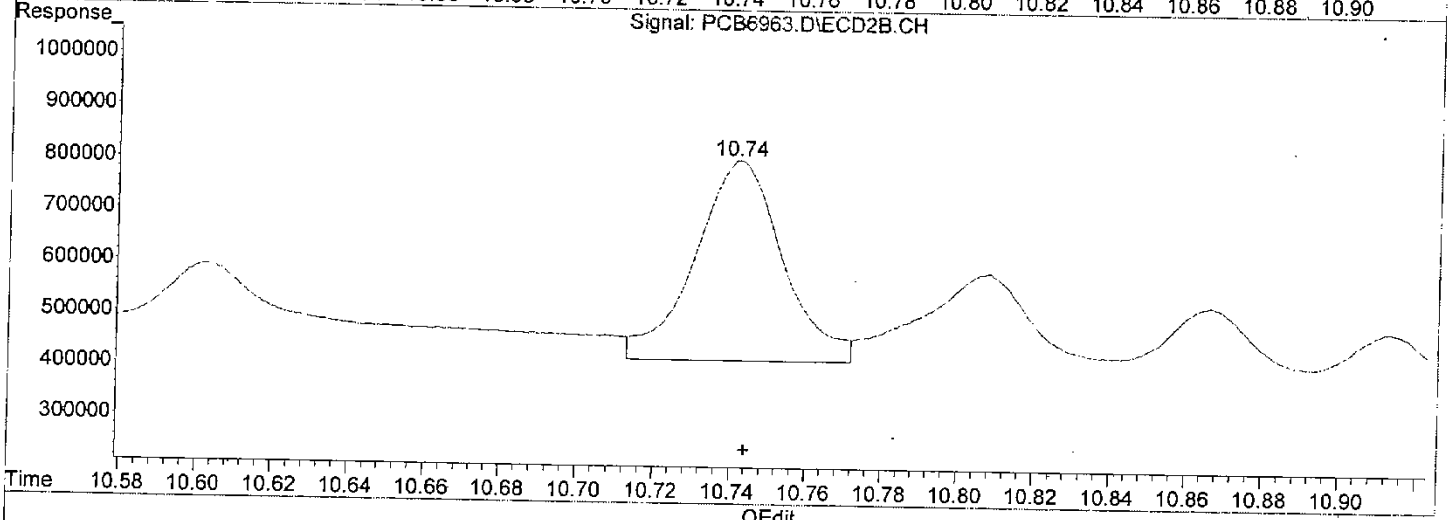
R.T.	Response	Conc
10.16	16567058	212.21
10.74	12712929	214.88
11.31	6103640	89.56

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:40 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





(5) PCB-1016 Peak 4 #2 (L3)

R.T.	Response	Conc
9.96	4537288	86.48
10.30	5518842	90.89

(5) PCB-1016 Peak 4 #2 (L3)

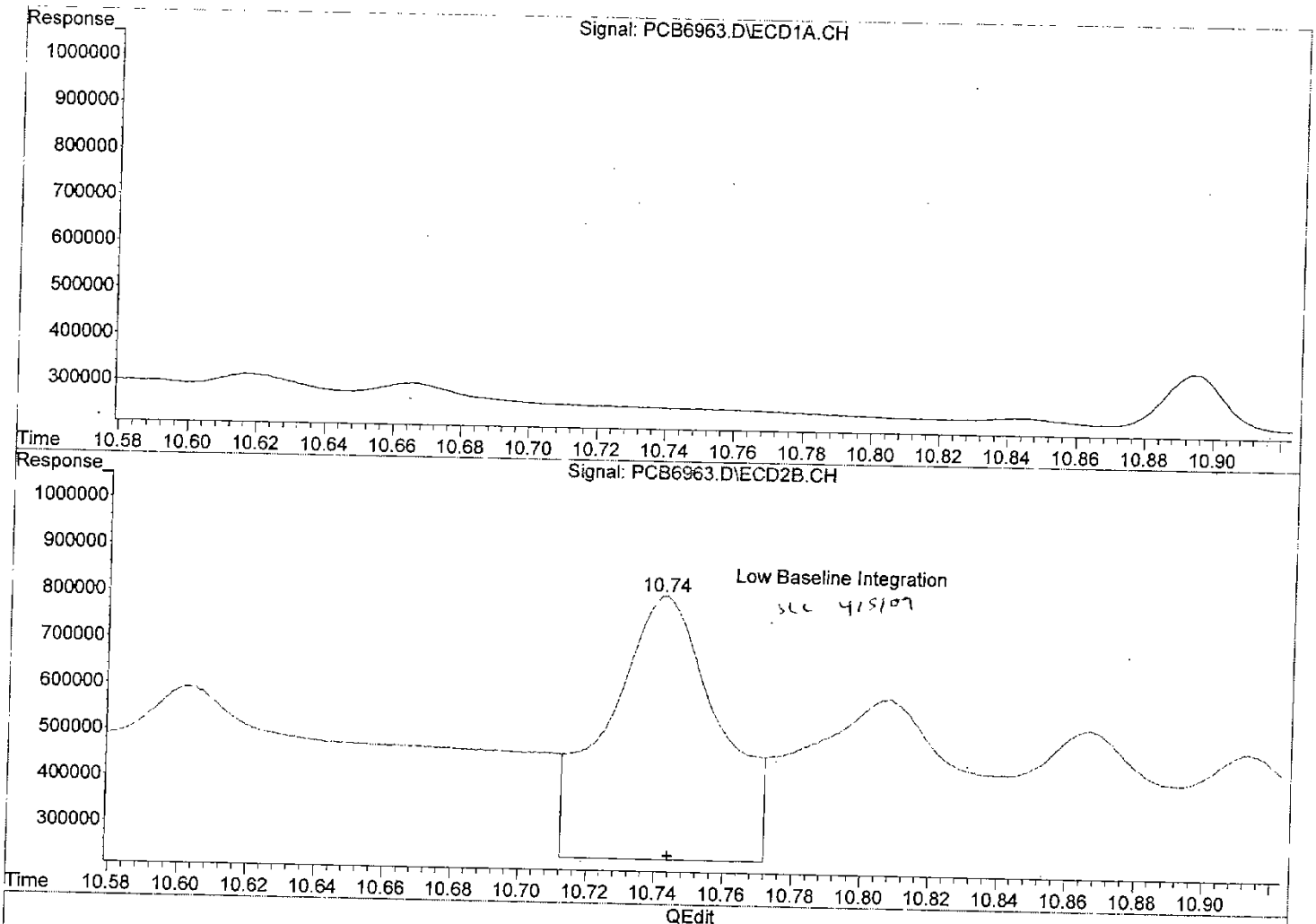
R.T.	Response	Conc
10.74	6233867	102.58
11.31	6103640	89.56

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM
Sample : 580-5453-C-9-E MS
Misc : BT=SEA03417227
IntFile Signal #1: EVENTS.E
Quant Time: Apr 3 13:40 2007

Vial: 5
Operator: SLC
Inst : sea034
Multiplr: 1.00
IntFile Signal #2: EVENTS2.E
Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration



(5) PCB-1016 Peak 4 (L3)

R.T.	Response	Conc
9.96	4537288	86.48
10.30	5518842	90.89

(5) PCB-1016 Peak 4 #2 (L3)

R.T.	Response	Conc
10.74	12712929	214.88
11.31	6103640	89.56

(+) = Expected Retention Time

Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 13:40:32 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	50096552	55227930	19.474	17.996
	Spiked Amount 20.000			Recovery =		97.37%	89.98%
14)	S Decachlorobiphen	14.54	15.85	28174482	34477334	14.954	17.303
	Spiked Amount 20.000			Recovery =		74.77%	86.52%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9019248	10371314	98.269	156.374 #
3)	L3 PCB-1016 Peak 2	9.00	10.07	16929196	17869756	135.767	177.167 #
4)	L3 PCB-1016 Peak 3	9.76	10.16	5247434	16567058	85.000	212.208 #
5)	L3 PCB-1016 Peak 4	9.96	10.74	4537288	12712929	86.483	214.876 #
6)	L3 PCB-1016 Peak 5	10.30	11.31	5518842	6103640	90.889	89.562
7)	L3 PCB-1016 - Total	0.00	0.00	41252007	63624697	105.506m	161.362m#
8)	L4 PCB-1260 Peak 1	11.29	12.34f	11825055	11194921	103.667	86.013
9)	L4 PCB-1260 Peak 2	11.52	12.34	12438408	11194921	82.292	88.495
10)	L4 PCB-1260 Peak 3	11.78	12.69	7146349	13289864	81.346	95.214
11)	L4 PCB-1260 Peak 4	12.72	13.86f	18668759	23028991	85.377	106.066
12)	L4 PCB-1260 Peak 5	13.20	14.24	15458450	13689113	91.488	107.897
13)	L4 PCB-1260 - Total	0.00	0.00	65537021	72397810	87.891m	96.341m

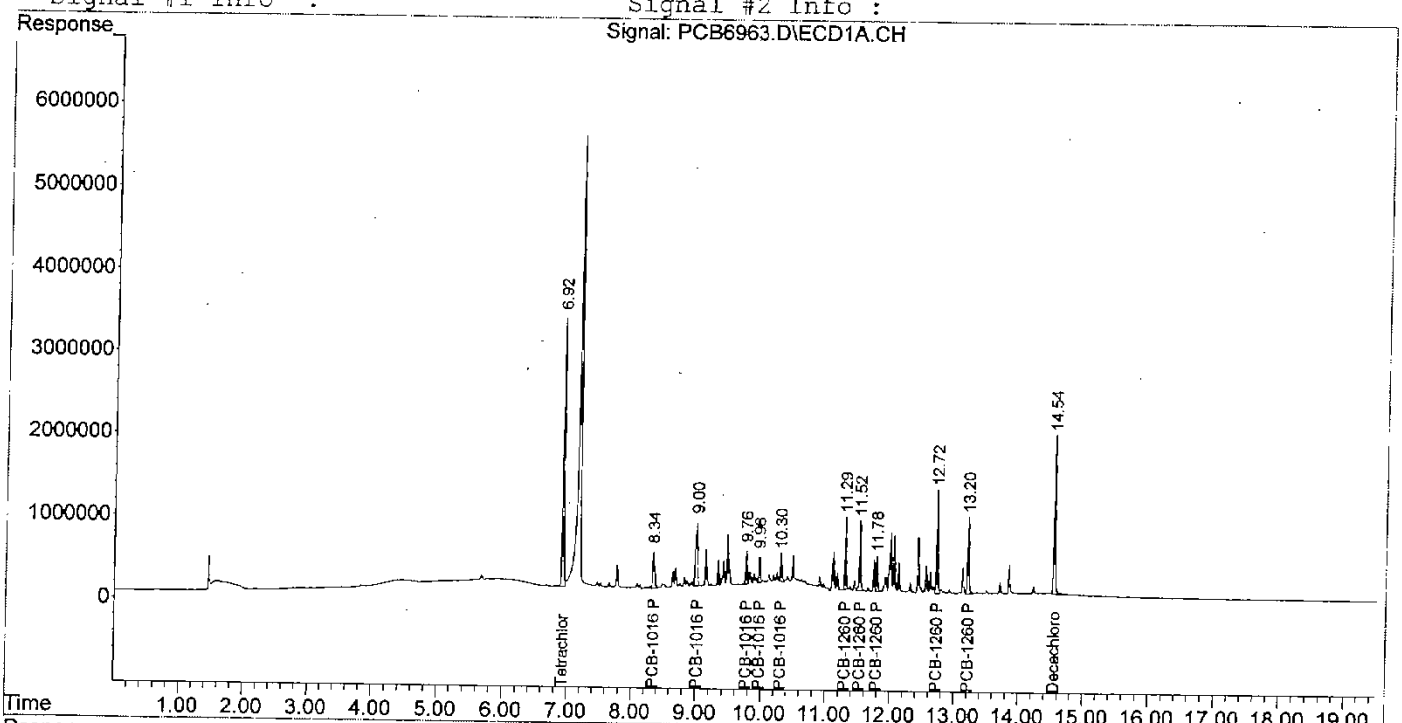
(f)=RT Delta > 1/2 Window (#)=Amounts differ >25% (m)=manual int.
PCB6963.D 1660_8082_070319.M Tue Apr 03 13:40:33 2007 Page 659 of 931 Page 1

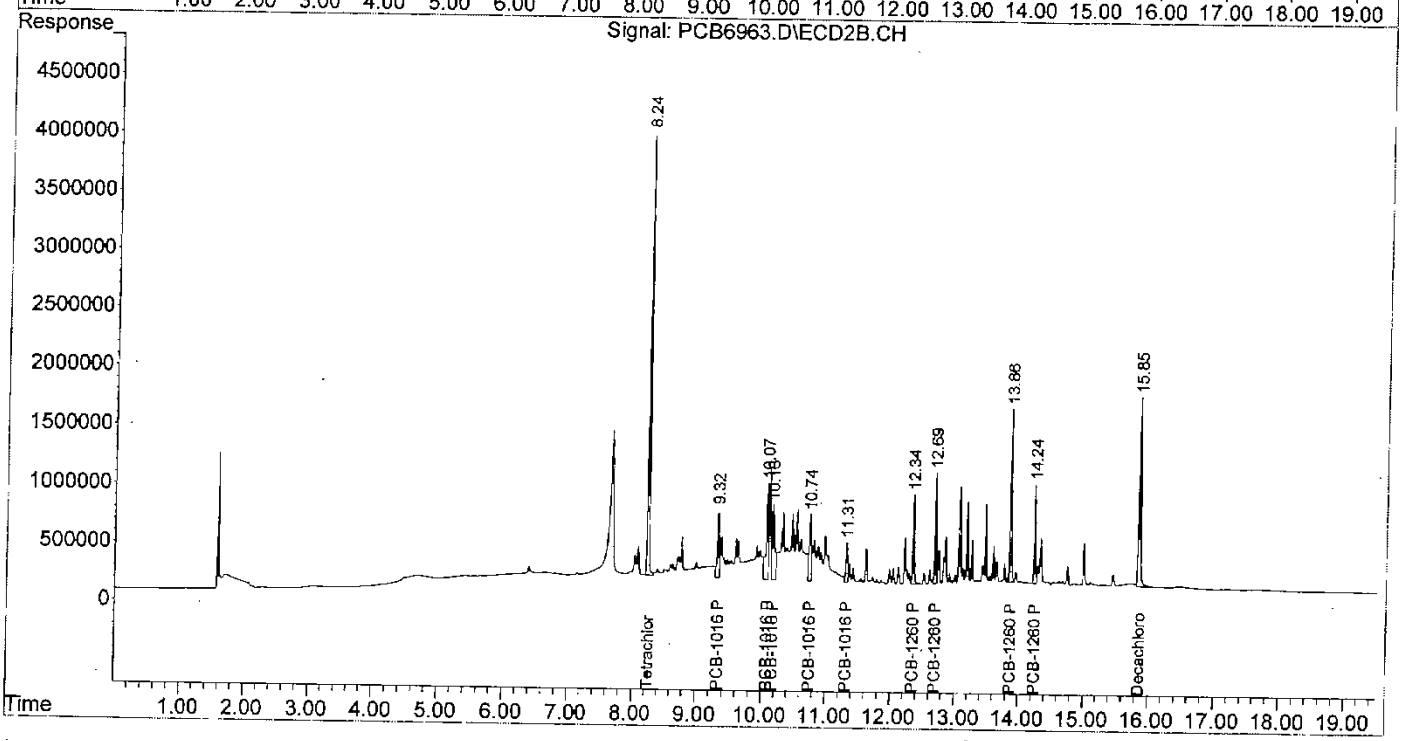
004812

Signal #1 : Z:\DATA\070403_A\PCB6963.D\ECD1A.CH Vial: 5
Signal #2 : Z:\DATA\070403_A\PCB6963.D\ECD2B.CH
Acq On : 4-3-2007 01:17:59 PM Operator: SLC
Sample : 580-5453-C-9-E MS Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 13:40 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 15:34:58 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	49927283	55101292	19.408	17.955
	Spiked Amount 20.000			Recovery	=	97.04%	89.77%
14) S	Decachlorobiphen	14.54	15.85	29427923	35096058	15.620	17.614
	Spiked Amount 20.000			Recovery	=	78.10%	88.07%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	8589254	6361851	93.191	95.921m
3) L3	PCB-1016 Peak 2	9.00	10.07	10416607	9145484	83.538	90.672m
4) L3	PCB-1016 Peak 3	9.76	10.16	5226291	7760613	84.658	95.365m
5) L3	PCB-1016 Peak 4	9.96	10.74	4441945	5266863	84.666	85.821m
6) L3	PCB-1016 Peak 5	10.30	11.31	4853385	5852020	79.930	85.870
7) L3	PCB-1016 - Total	0.00	0.00	33527483	34386830	85.750m	87.210m
8) L4	PCB-1260 Peak 1	11.29	12.34f	11289731	11375913	98.974	87.404
9) L4	PCB-1260 Peak 2	11.52	12.34	12834937	11375913	84.915	89.967
10) L4	PCB-1260 Peak 3	11.78	12.69	7111392	13553811	80.879	97.105
11) L4	PCB-1260 Peak 4	12.72	13.86f	18792149	23289068	85.942	107.263
12) L4	PCB-1260 Peak 5	13.20	14.24	15129567	13762525	89.541	108.475
13) L4	PCB-1260 - Total	0.00	0.00	65157776	73357230	87.383m	97.617m

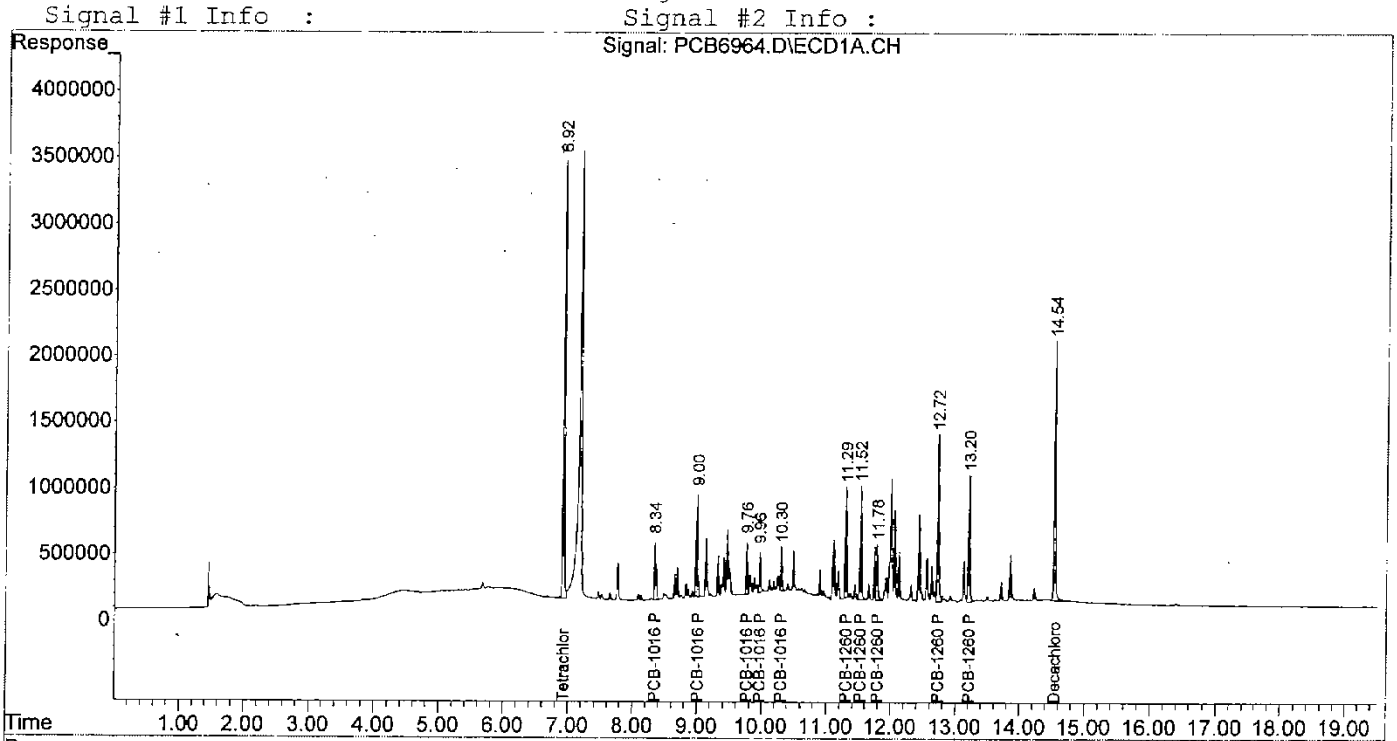
(f)=RT Delta > 1/2 Window (#)=Amounts di[illegible] (m)=manual int.

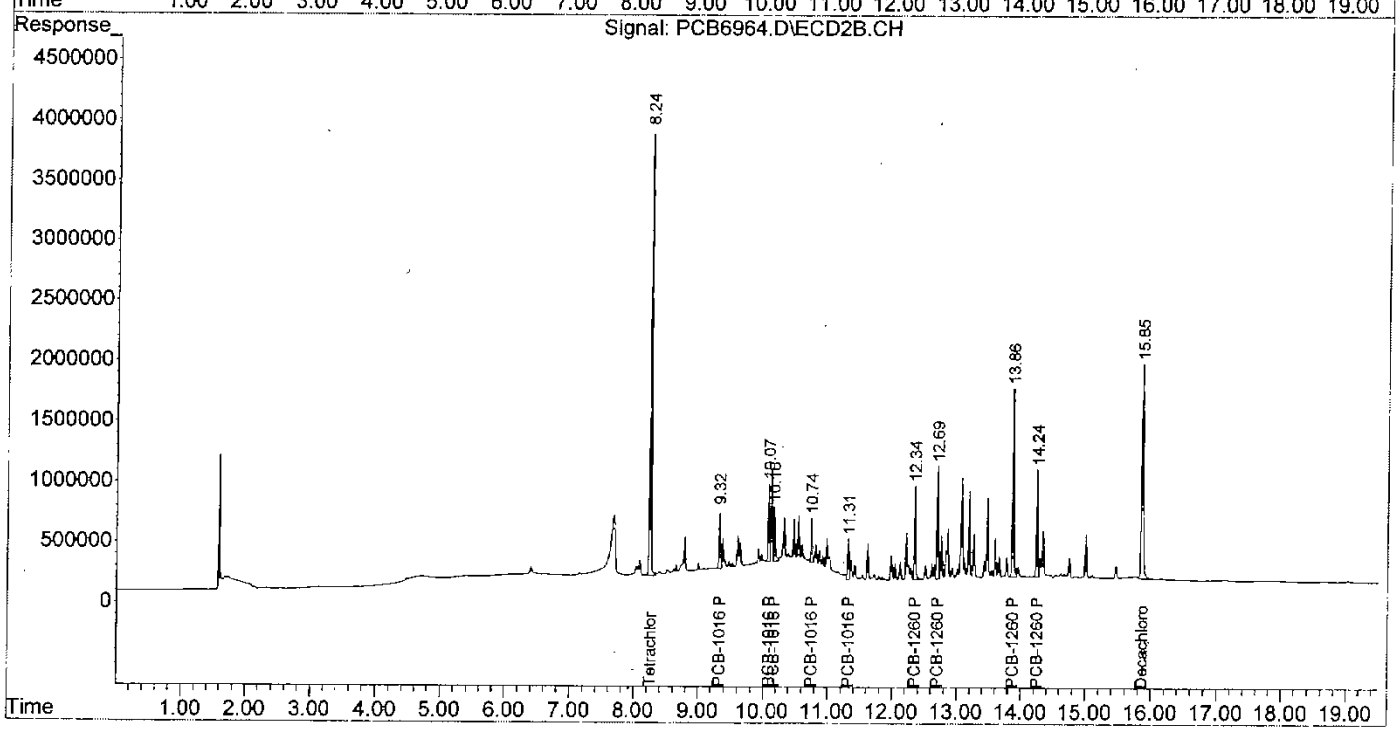
Quantitation Report (QT Reviewed)

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 4 10:18 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

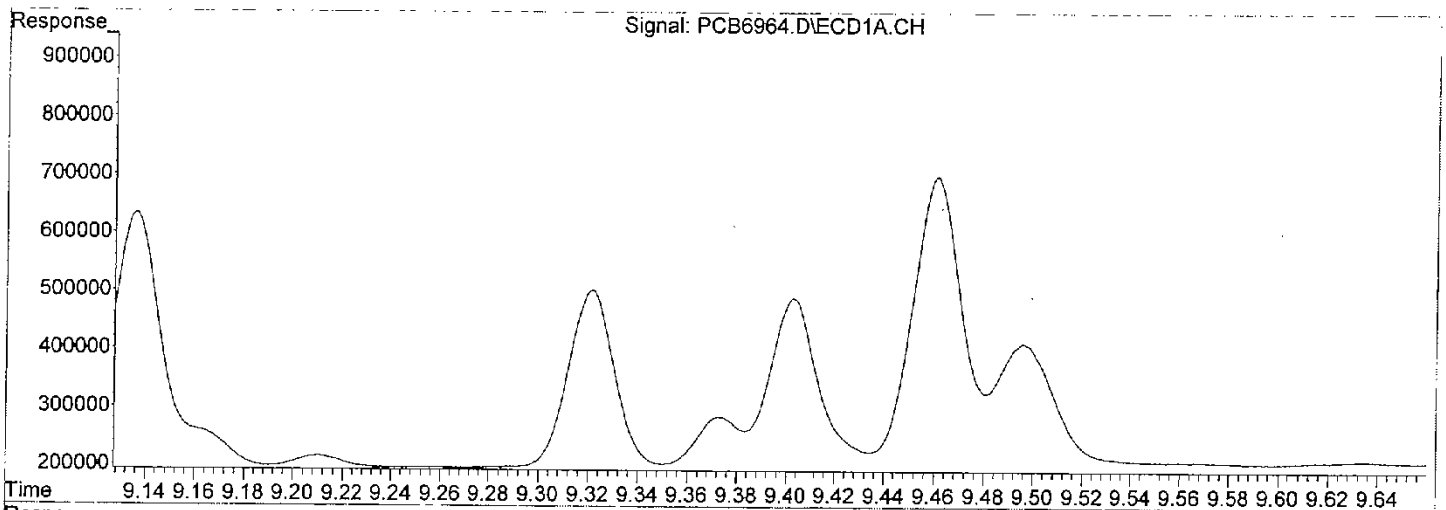
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

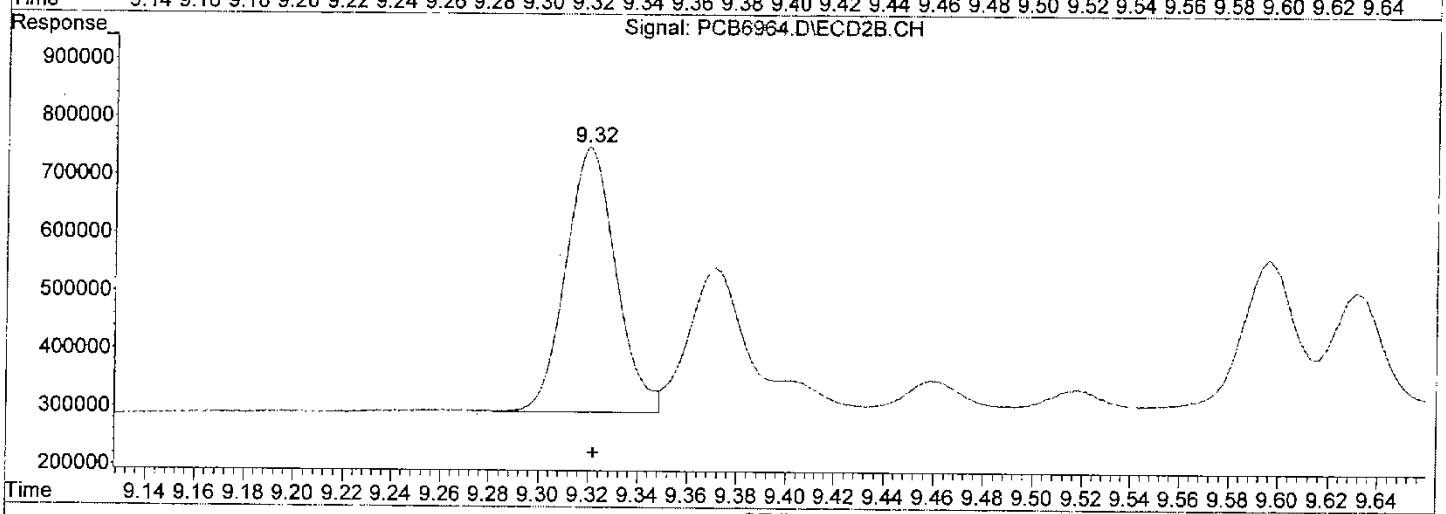




Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





QEdit

(2) PCB-1016 Peak 1 #2 (L3)

R.T.	Response	Conc
8.34	8589254	93.19
9.00	10416607	83.54
9.76	5226291	84.66
9.96	4441945	84.67
10.30	4853385	79.93

(2) PCB-1016 Peak 1 #2 (L3)

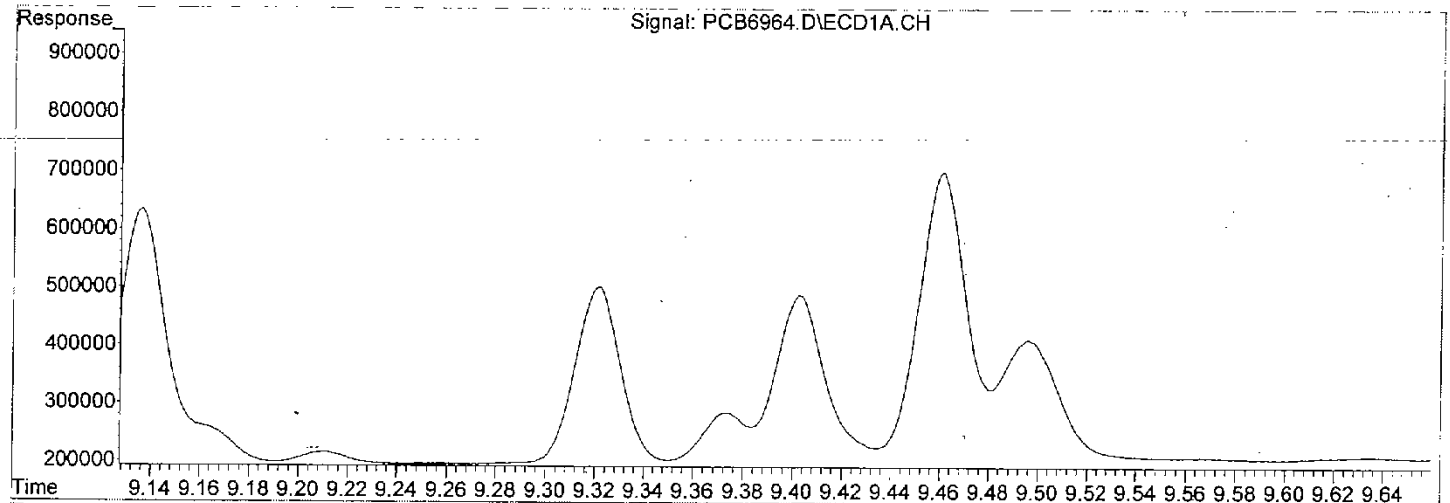
R.T.	Response	Conc
9.32	6361851	95.92
10.07	14040766	139.21
10.16	15120246	193.01
10.74	10336093	173.68
11.31	5852020	85.87

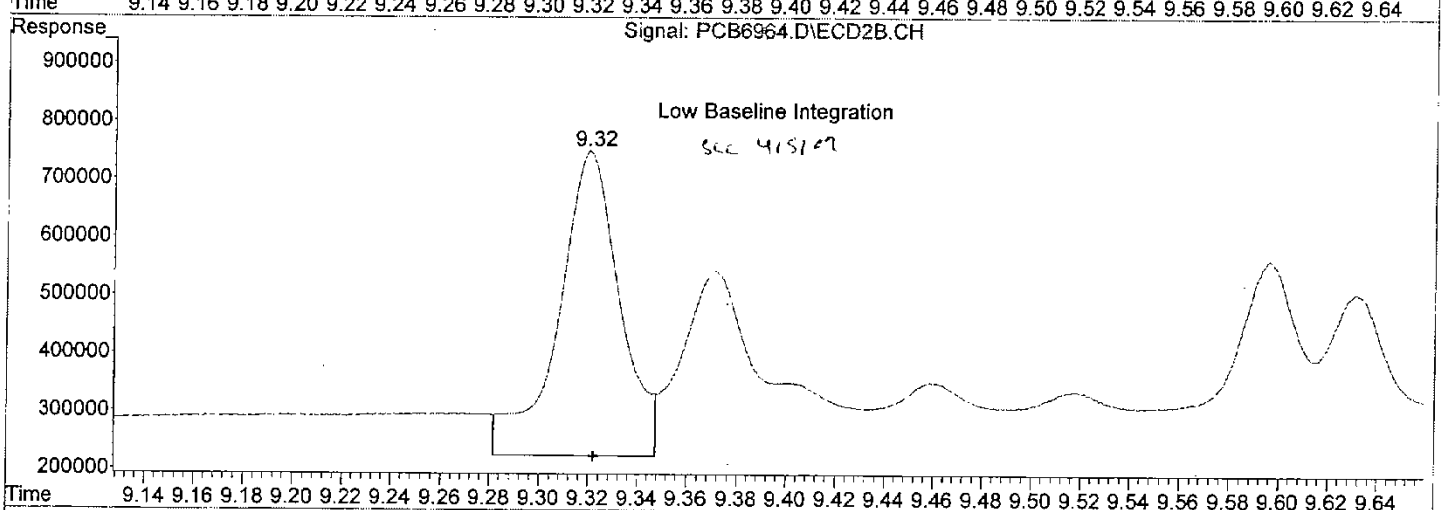
(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





QEdit

(2) PCB-1016 Peak 1 (L3)

R.T.	Response	Conc
8.34	8589254	93.19
9.00	10416607	83.54
9.76	5226291	84.66
9.96	4441945	84.67
10.30	4853385	79.93

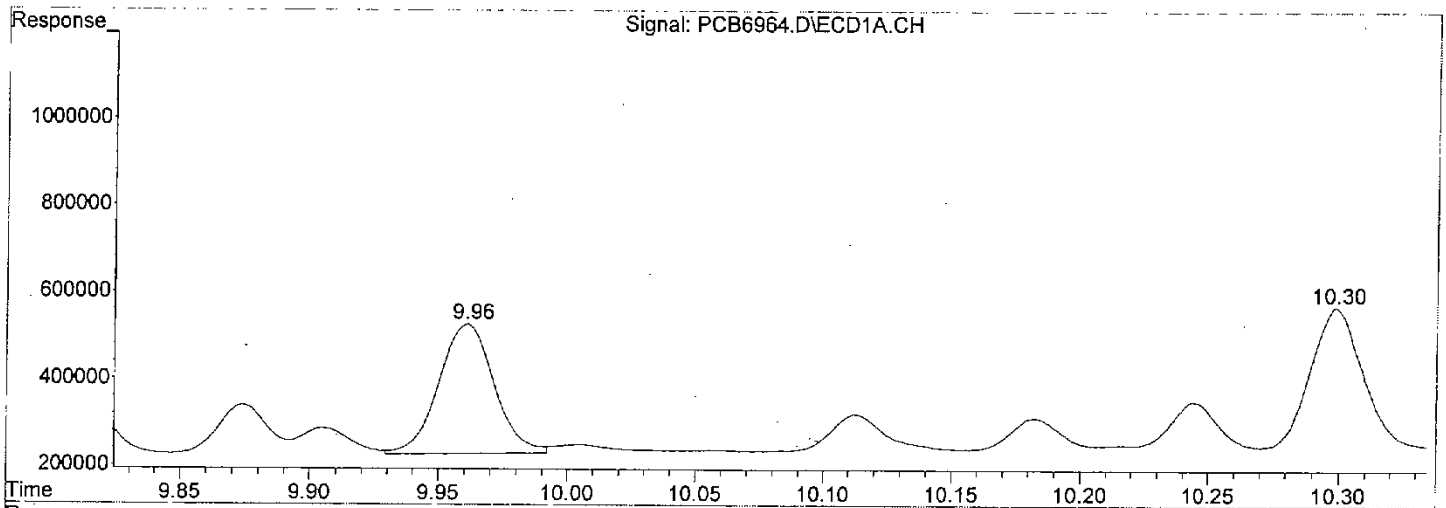
(2) PCB-1016 Peak 1 #2 (L3)

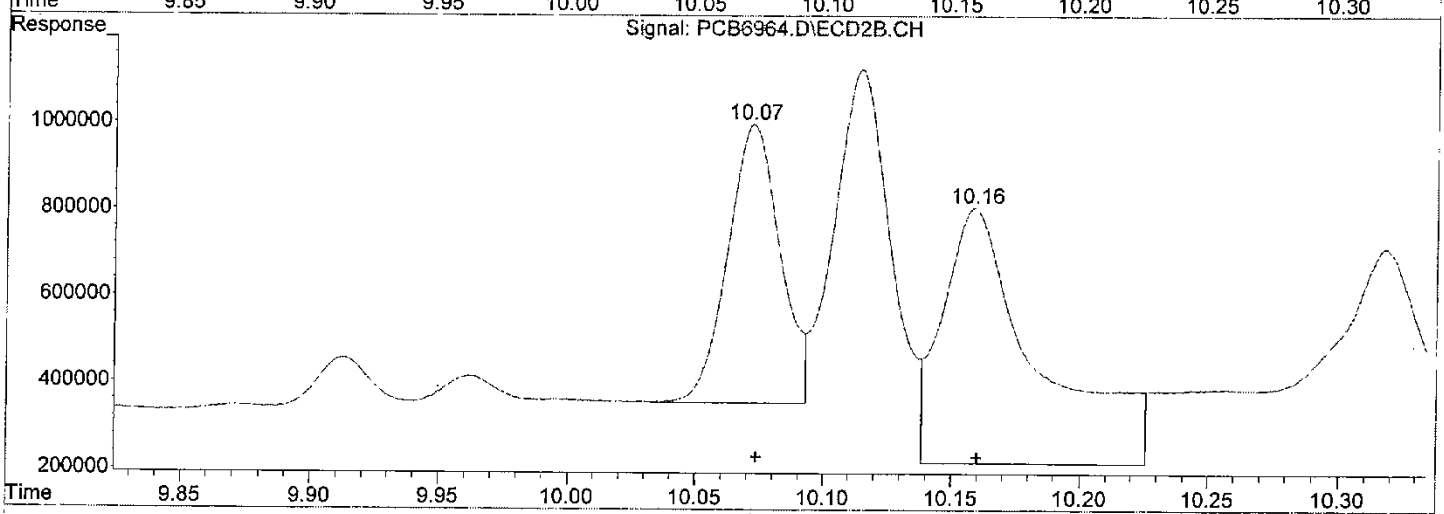
R.T.	Response	Conc
9.32	9061721	136.63
10.07	14040766	139.21
10.16	15120246	193.01
10.74	10336093	173.68
11.31	5852020	85.87

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 380-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





QEdit

(3) PCB-1016 Peak 2 #2 (L3)

R.T.	Response	Conc
9.00	10416607	83.54
9.76	5226291	84.66
9.96	4441945	84.67
10.30	4853385	79.93

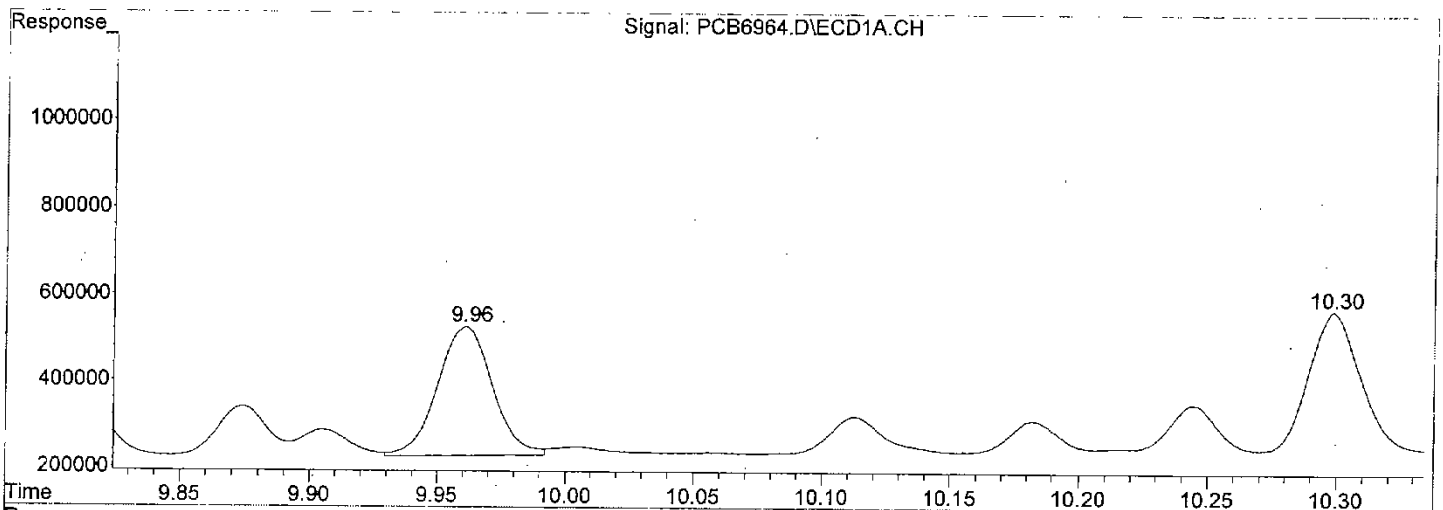
(3) PCB-1016 Peak 2 #2 (L3)

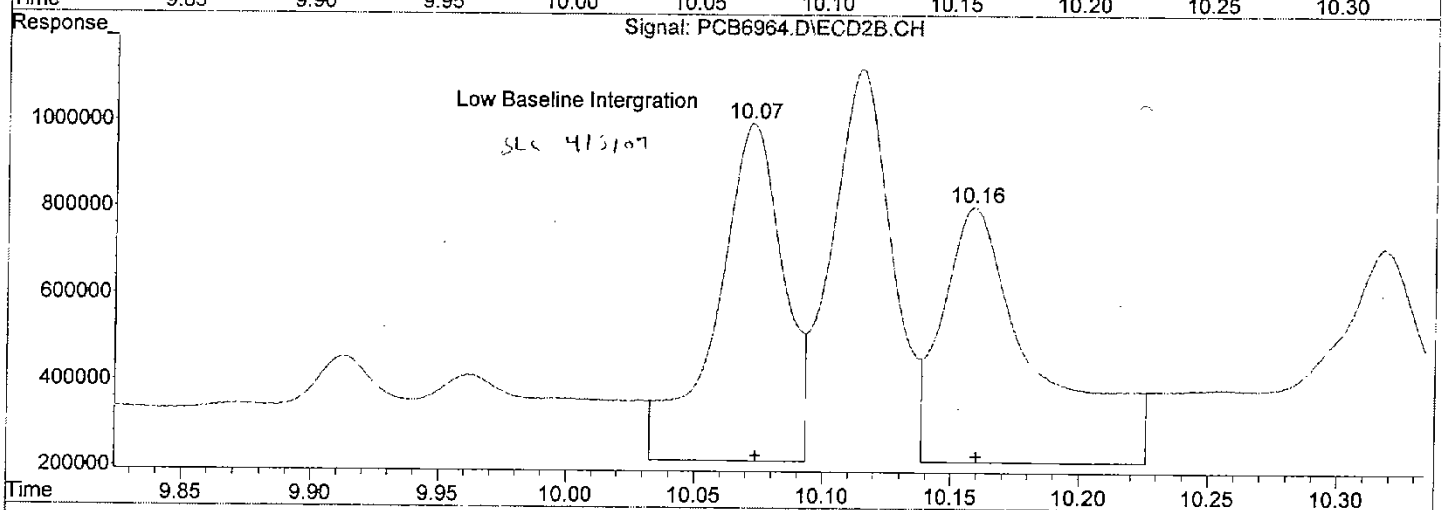
R.T.	Response	Conc
10.07	9145484	90.67
10.16	15120246	193.01
10.74	10336093	173.68
11.31	5852020	85.87

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





QEdit

(3) PCB-1016 Peak 2 (L3)

R.T.	Response	Conc
9.00	10416607	83.54
9.76	5226291	84.66
9.96	4441945	84.67
10.30	4853385	79.93

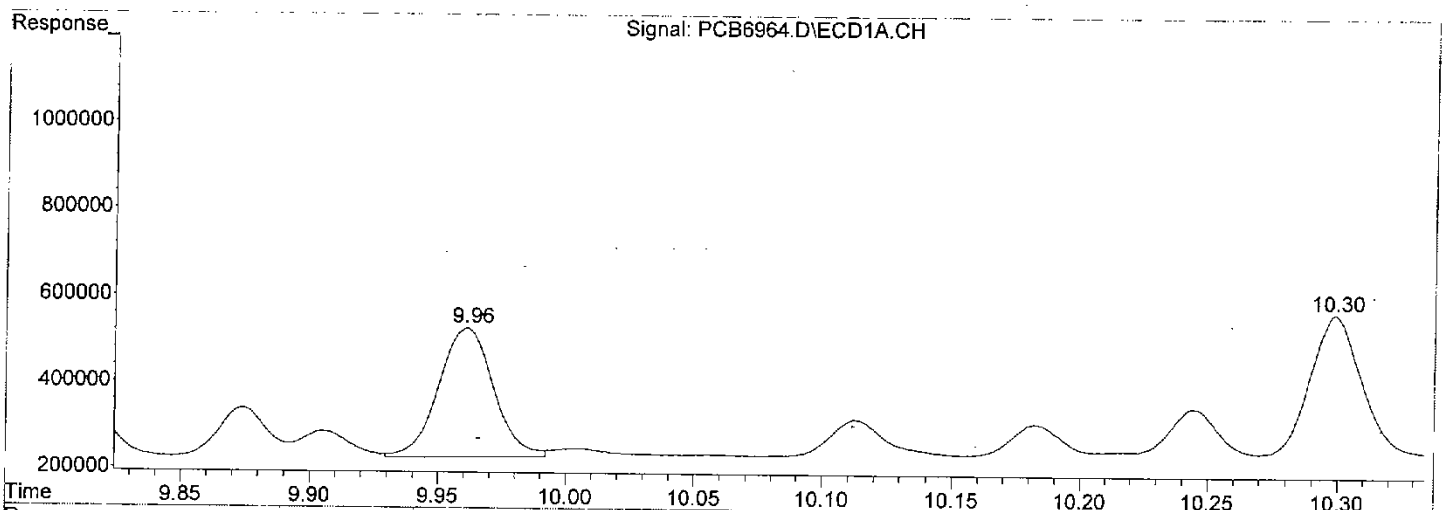
(3) PCB-1016 Peak 2 #2 (L3)

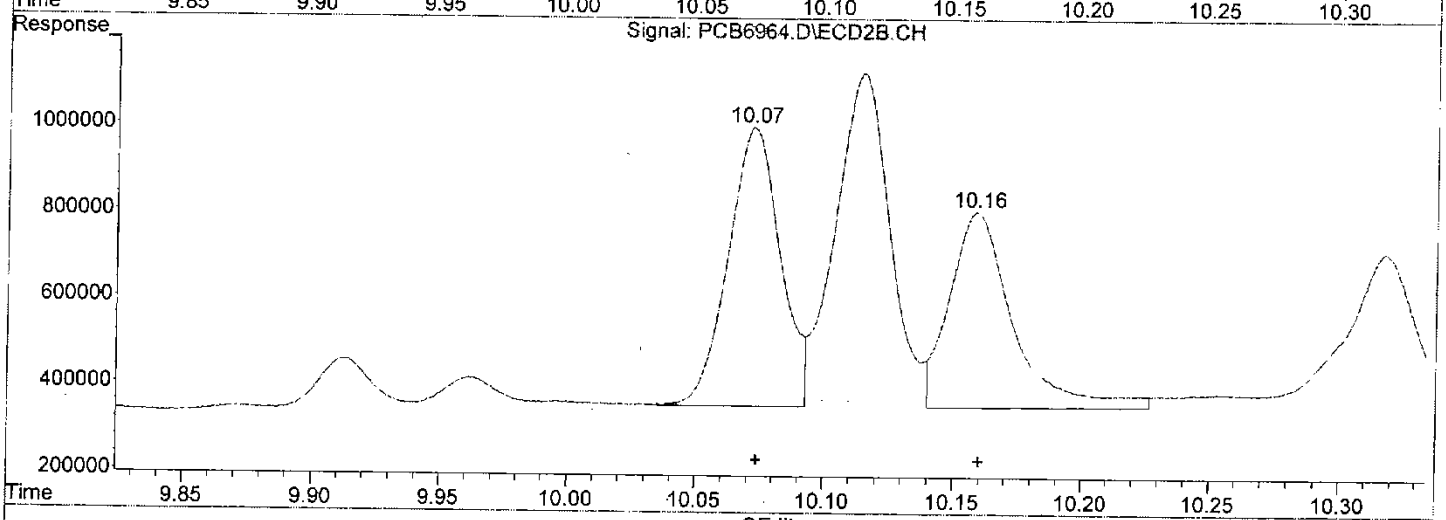
R.T.	Response	Conc
10.07	14040766	139.21
10.16	15120246	193.01
10.74	10336093	173.68
11.31	5852020	85.87

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





QEdit

(3) PCB-1016 Peak 2 #2 (L3)

R.T.	Response	Conc
9.00	10416607	83.54
9.76	5226291	84.66
9.96	4441945	84.67
10.30	4853385	79.93

(3) PCB-1016 Peak 2 #2 (L3)

R.T.	Response	Conc
10.07	9145484	90.67
10.16	7760613	95.37
10.74	10336093	173.68
11.31	5852020	85.87

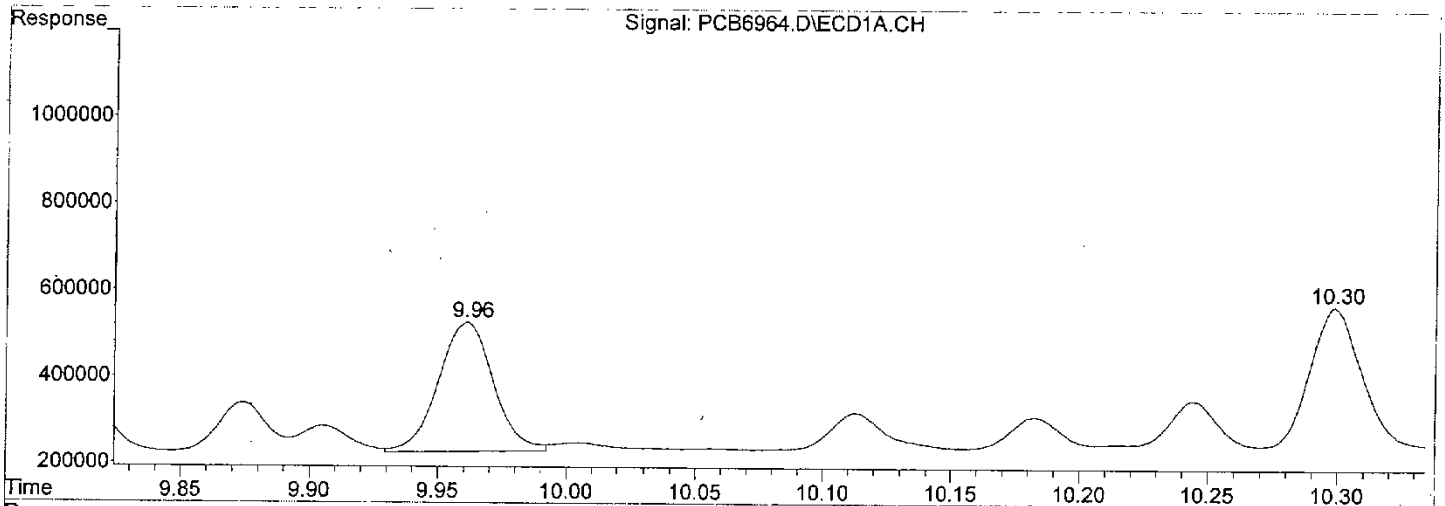
(+) = Expected Retention Time

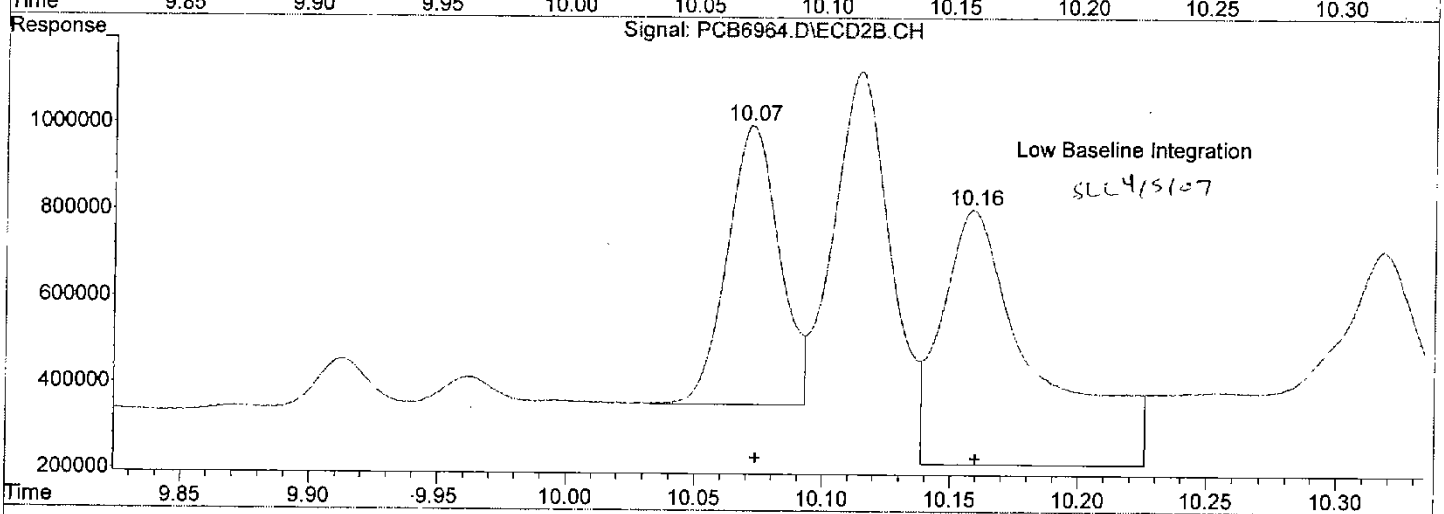
004820

Quantitation Report (QEdit)

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration





QEdit

(3) PCB-1016 Peak 2 #2 (L3)

R.T.	Response	Conc
9.00	10416607	83.54
9.76	5226291	84.66
9.96	4441945	84.67
10.30	4853385	79.93

(3) PCB-1016 Peak 2 #2 (L3)

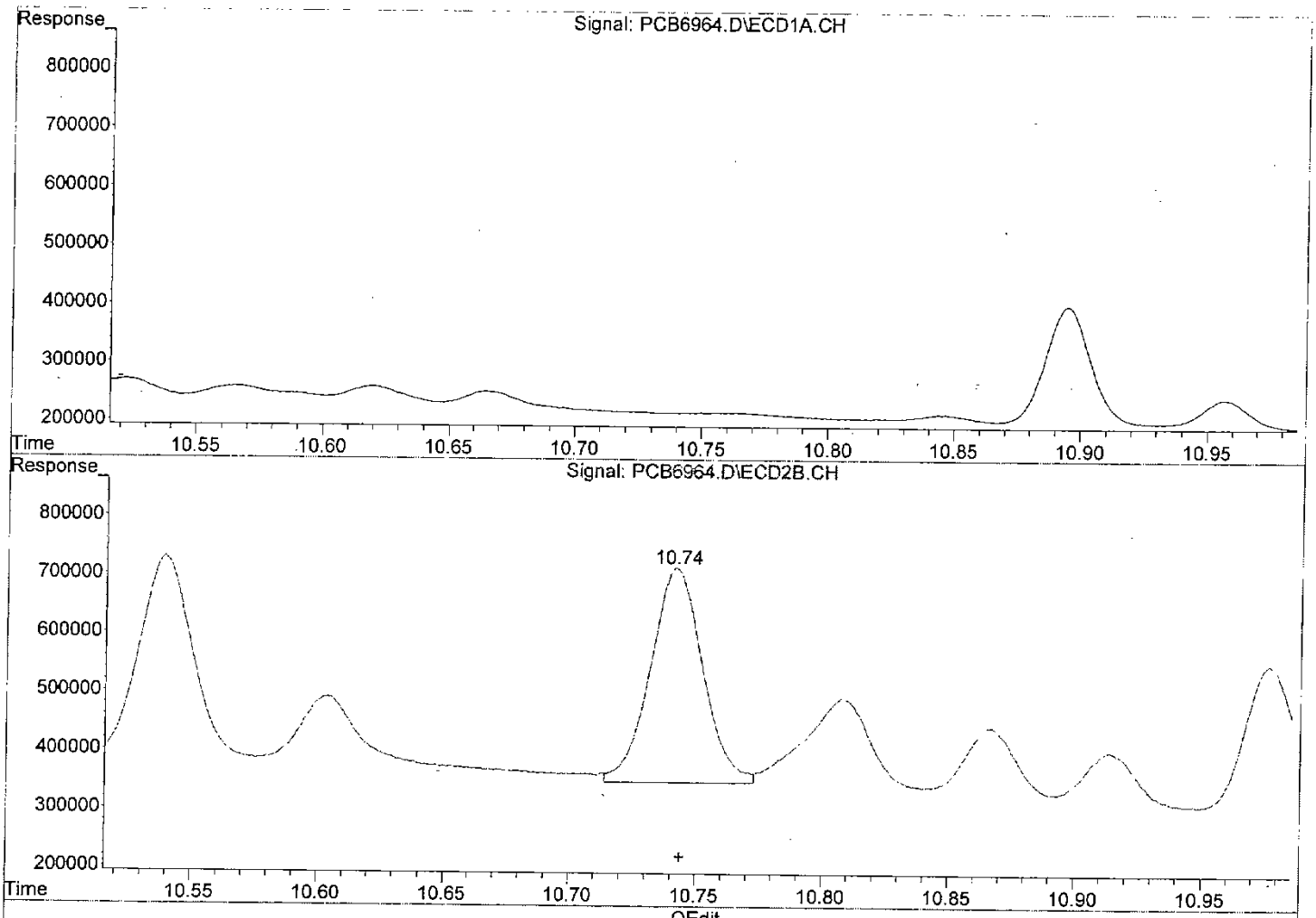
R.T.	Response	Conc
10.07	9145484	90.67
10.16	15120246	193.01
10.74	10336093	173.68
11.31	5852020	85.87

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration



(5) PCB-1016 Peak 4 #2 (L3)

R.T.	Response	Conc
9.96	4441945	84.67
10.30	4853385	79.93

(5) PCB-1016 Peak 4 #2 (L3)

R.T.	Response	Conc
10.74	5266863	85.82
11.31	5852020	85.87

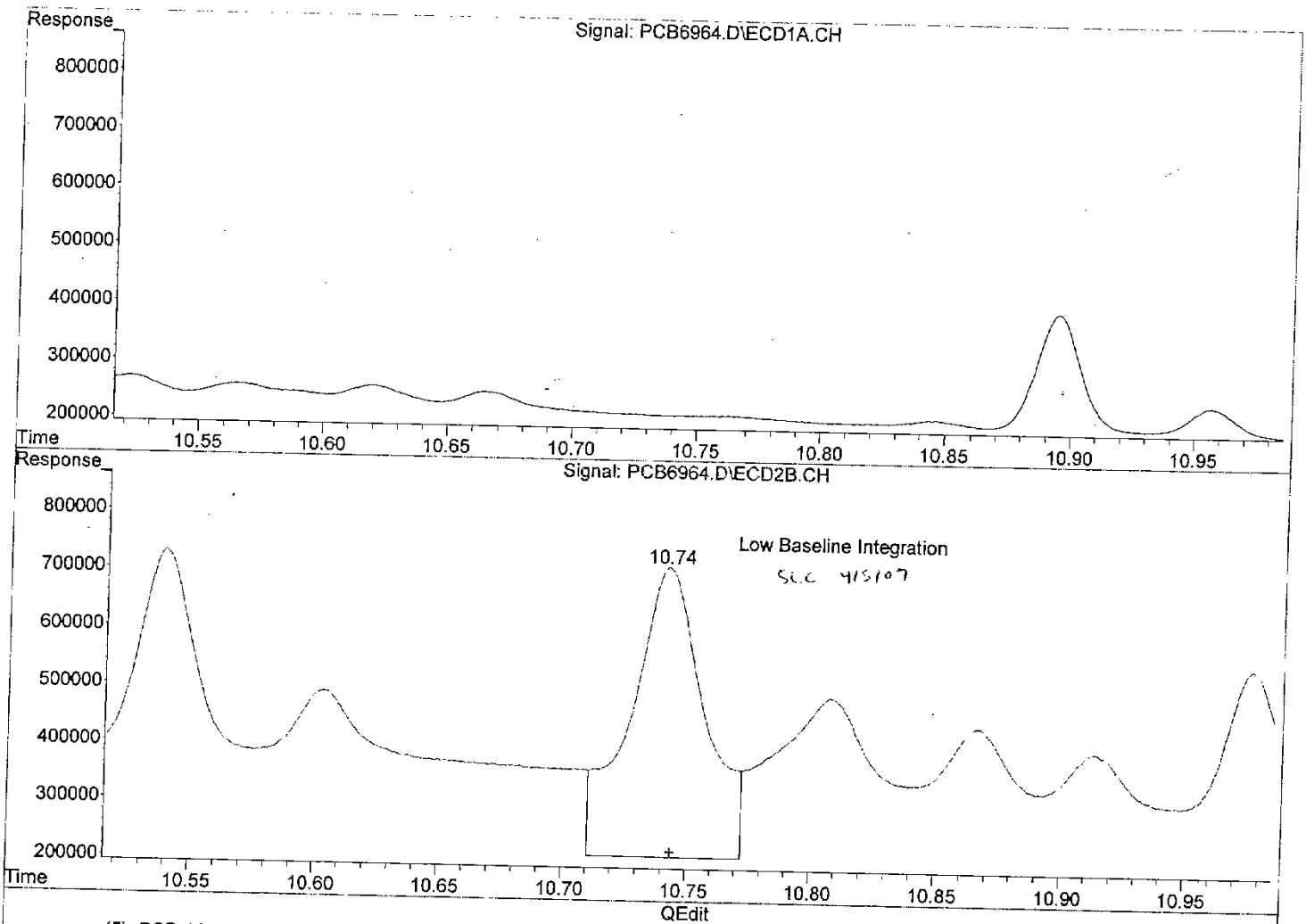
(+) = Expected Retention Time

004822

Quantitation Report (Qedit)

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration



(5) PCB-1016 Peak 4 (L3)

R.T.	Response	Conc
9.96	4441945	84.67
10.30	4853385	79.93

(5) PCB-1016 Peak 4 #2 (L3)

R.T.	Response	Conc
10.74	10336093	173.68
11.31	5852020	85.87

(+) = Expected Retention Time

Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH Vial: 6
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM Operator: SLC
Sample : 580-5453-C-9-F MSD Inst : sea034
Misc : BT=SEA03417227 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 03 15:34:58 2007 Quant Results File: 1660_8082_070319.RES

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	49927283	55101292	19.408	17.955
	Spiked Amount 20.000			Recovery	=	97.04%	89.77%
14)	S Decachlorobiphen	14.54	15.85	29427923	35096058	15.620	17.614
	Spiked Amount 20.000			Recovery	=	78.10%	88.07%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	8589254	9061721	93.191	136.629 #
3)	L3 PCB-1016 Peak 2	9.00	10.07	10416607	14040766	83.538	139.205 #
4)	L3 PCB-1016 Peak 3	9.76	10.16	5226291	15120246	84.658	193.012 #
5)	L3 PCB-1016 Peak 4	9.96	10.74	4441945	10336093	84.666	173.681 #
6)	L3 PCB-1016 Peak 5	10.30	11.31	4853385	5852020	79.930	85.870
7)	L3 PCB-1016 - Total	0.00	0.00	33527483	54410845	85.750m	137.995m#
8)	L4 PCB-1260 Peak 1	11.29	12.34f	11289731	11375913	98.974	87.404
9)	L4 PCB-1260 Peak 2	11.52	12.34	12834937	11375913	84.915	89.967
10)	L4 PCB-1260 Peak 3	11.78	12.69	7111392	13553811	80.879	97.105
11)	L4 PCB-1260 Peak 4	12.72	13.86f	18792149	23289068	85.942	107.263
12)	L4 PCB-1260 Peak 5	13.20	14.24	15129567	13762525	89.541	108.475
13)	L4 PCB-1260 - Total	0.00	0.00	65157776	73357230	87.383m	97.617m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

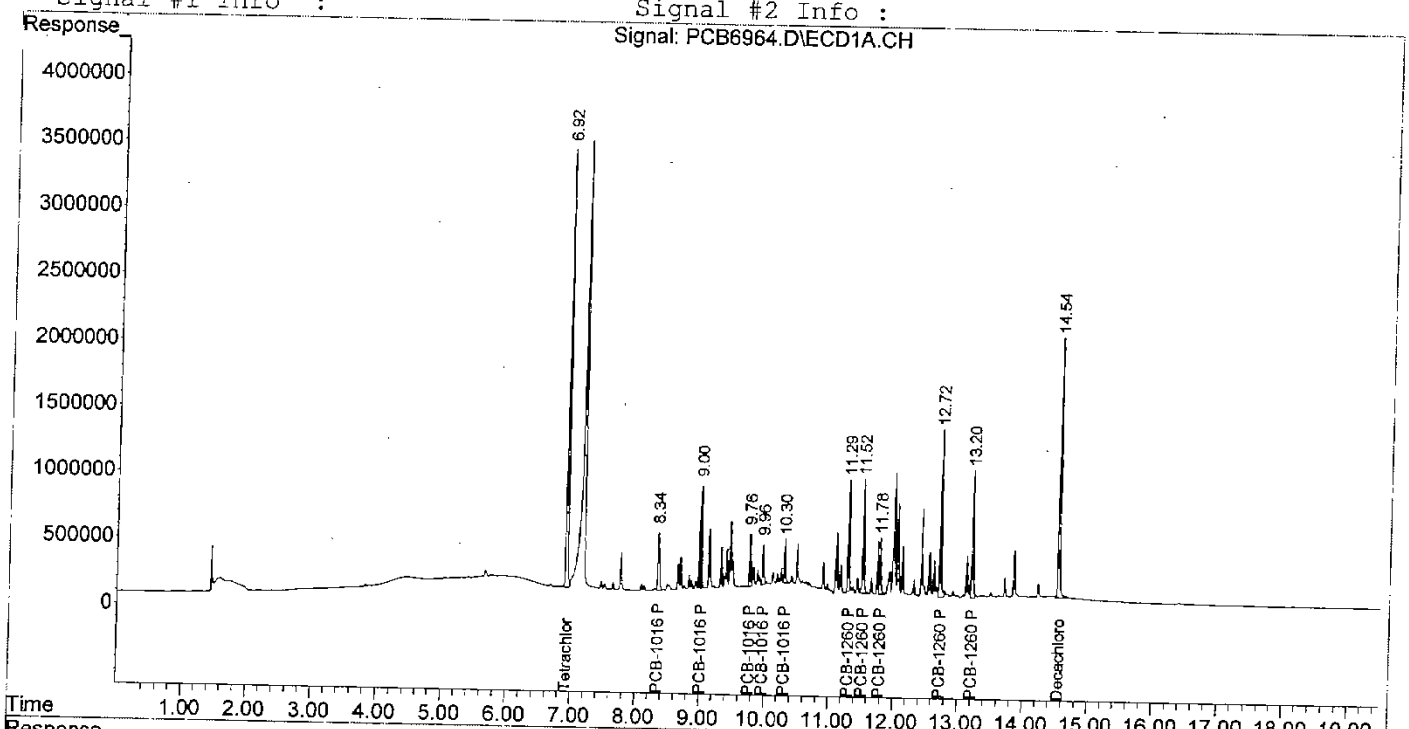
Signal #1 : Z:\DATA\070403_A\PCB6964.D\ECD1A.CH
Signal #2 : Z:\DATA\070403_A\PCB6964.D\ECD2B.CH
Acq On : 4-3-2007 01:41:35 PM
Sample : 580-5453-C-9-F MSD
Misc : BT=SEA03417227
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 3 15:34 2007 Quant Results File: 1660_8082_070319.RES

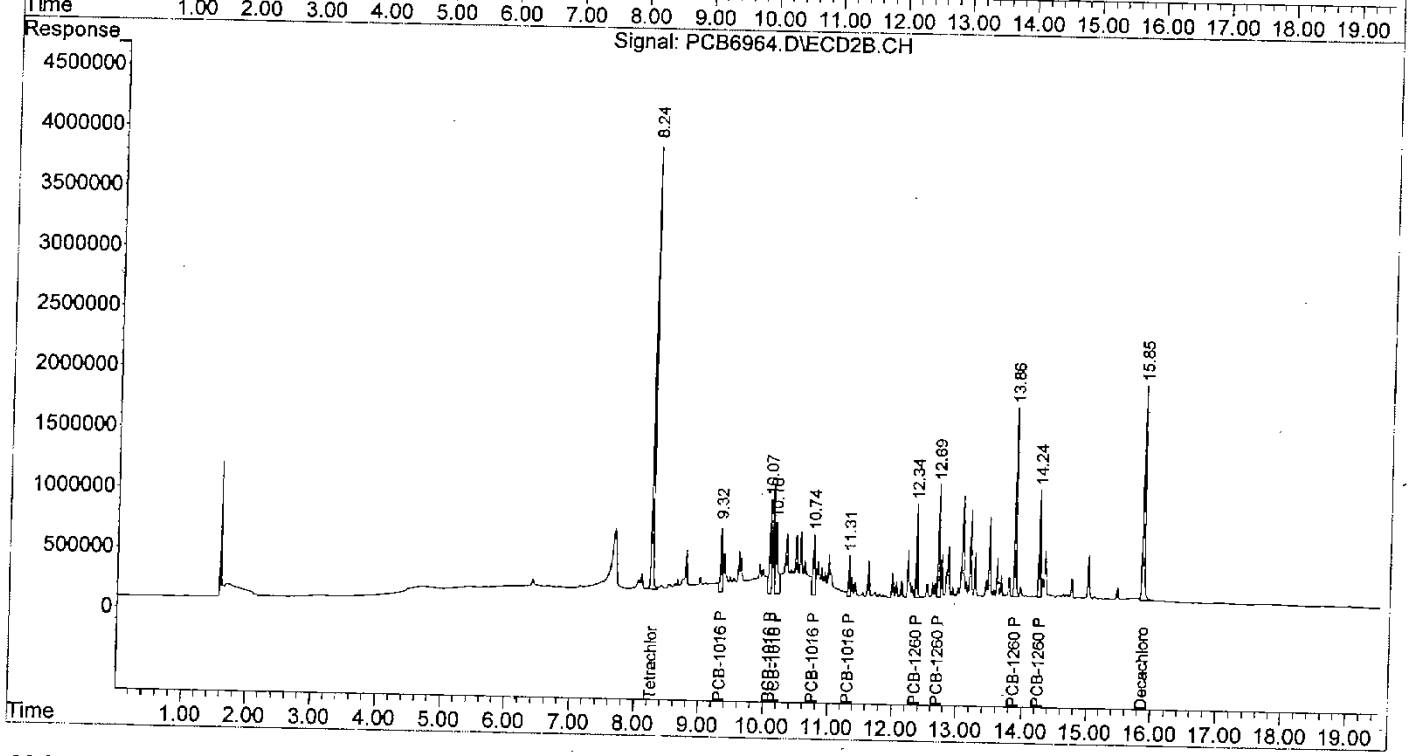
Vial: 6

Operator: SLC
Inst : sea034
Multiplr: 1.00

Quant Method : Z:\METHODS\1660_8082_070319.M (Chemstation Integrator)
Title : PCBs by USEPA Method 8082
Last Update : Tue Mar 20 09:27:49 2007
Response via : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :





LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17227

Analyst: Chambers, Stephen L

Batch Open: 4/3/2007 8:27:58AM

Method Code: 580-3550B_LL-580

Batch End:

Ultrasonic Extraction (Low Level)

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	MB~580-17227/1 N/A	N/A	10 g	10 mL	N/A	N/A	N/A	3660B	
2	LCS~580-17227/2 N/A	N/A	10 g	10 mL	N/A	N/A	N/A	3660B	
3	LCSD~580-17227/3 N/A	N/A	10 g	10 mL	N/A	N/A	N/A	3660B	
4	580-5453-C-9 (8082)	N/A	10.0463 g	10 mL	4/12/07	8_Days - R	2		
5	580-5453-C-9~MS (8082)	N/A	10.4429 g	10 mL	4/12/07	8_Days - R	2		
6	580-5453-C-9~MSD (8082)	N/A	10.5788 g	10 mL	4/12/07	8_Days - R	2		
7	580-5372-A-3 (8082)	N/A	10.5124 g	10 mL	4/10/07	13_Days - E	4	3660B	
8	580-5385-B-11 (8082)	N/A	10.0655 g	10 mL	4/4/07	8_Days - R	4	3660B	
9	580-5385-B-12 (8082)	N/A	10.4264 g	10 mL	4/11/07	13_Days - E	4	3660B	
10	580-5404-A-13 (8082)	N/A	10.8750 g	10 mL	4/12/07	13_Days - E	4	3660B	
11	580-5404-A-14 (8082)	N/A	10.7231 g	10 mL	4/12/07	13_Days - E	4	3660B	

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17227

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/3/2007 8:27:58AM

Batch End:

Batch Notes

Batch Comment	sea203
Person's name who did the concentration	
Vendor lot number	
Prep Solvent Volume Used	
Person's name who witnessed reagent drop	
Solvent	Hexanes
Vendor of Reagent used	J.T. Baker

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17227

Analyst: Chambers, Stephen L

Batch Open: 4/3/2007 8:27:58AM

Method Code: 580-3550B_LL-580

Batch End:

Comments

580-5453-C-9

Method Comments: Needs RL of 18 ug/kg

580-5453-C-9~MS

Method Comments: Needs RL of 18 ug/kg

580-5453-C-9~MSD

Method Comments: Needs RL of 18 ug/kg

Login Comments for Job 5372: PND07-9 4oz soil jar rcvd broken...
PHD07-9 Methanol preserved sample in non pretared jar...

580-5372-A-3

Method Comments: Needs RL below 5 mg/kg

580-5385-B-11

Method Comments: Needs RL of 5 mg/kg

580-5385-B-12

Method Comments: Needs RL of 5 mg/kg

580-5404-A-13

Method Comments: Needs RL of 5 mg/kg

580-5404-A-14

Method Comments: Needs RL of 5 mg/kg

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17227

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/3/2007 8:27:58AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17227/1	PCBLLSSurr	100 uL	10 mL		
LCS 580-17227/2	PCBLLSSpk_00001	100 uL	10 mL		
LCS 580-17227/2	PCBLLSSurr	100 uL	10 mL		
LCSD 580-17227/3	PCBLLSSpk_00001	100 uL	10 mL		
LCSD 580-17227/3	PCBLLSSurr	100 uL	10 mL		
580-5453-C-9	PCBLLSSurr	100 uL	10 mL		
580-5453-C-9 MS	PCBLLSSpk_00001	100 uL	10 mL		
580-5453-C-9 MS	PCBLLSSurr	100 uL	10 mL		
580-5453-C-9 MSD	PCBLLSSpk_00001	100 uL	10 mL		
580-5453-C-9 MSD	PCBLLSSurr	100 uL	10 mL		
580-5372-A-3	PCBLLSSurr	100 uL	10 mL		
580-5385-B-11	PCBLLSSurr	100 uL	10 mL		
580-5385-B-12	PCBLLSSurr	100 uL	10 mL		
580-5404-A-13	PCBLLSSurr	100 uL	10 mL		
580-5404-A-14	PCBLLSSurr	100 uL	10 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17227

Analyst: Chambers, Stephen L

Batch Open: 4/3/2007 8:27:58AM

Method Code: 580-3550B_LL-580

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17286

Method Code: 580-8082-580

Batch Open: 4/3/2007 11:43:00AM

Batch End:

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	MB~580-17227/1-AA N/A	N/A			N/A	N/A	N/A		
2	LCSD~580-17227/3-AA N/A	N/A			N/A	N/A	N/A		
3	580-5453-C-9-D (8082)	N/A			4/10/07	13_Days - E	4		
3	580-5453-C-9-D (8082)	N/A			4/4/07	8_Days - R	4		
3	580-5453-C-9-D (8082)	N/A			4/12/07	13_Days - E	4		
3	580-5453-C-9-D (8082)	N/A			4/12/07	8_Days - R	2		
4	580-5453-C-9-E~MS (8082)	N/A			4/10/07	13_Days - E	4		
4	580-5453-C-9-E~MS (8082)	N/A			4/4/07	8_Days - R	4		
4	580-5453-C-9-E~MS (8082)	N/A			4/12/07	13_Days - E	4		
4	580-5453-C-9-E~MS (8082)	N/A			4/12/07	8_Days - R	2		
5	580-5453-C-9-F~MSD (8082)	N/A			4/10/07	13_Days - E	4		
5	580-5453-C-9-F~MSD (8082)	N/A			4/4/07	8_Days - R	4		
5	580-5453-C-9-F~MSD (8082)	N/A			4/12/07	13_Days - E	4		
5	580-5453-C-9-F~MSD (8082)	N/A			4/12/07	8_Days - R	2		
6	LCS~580-17227/2-AA N/A	N/A			N/A	N/A	N/A		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17286

Batch Open: 4/3/2007 11:43:00AM

Method Code: 580-8082-580

Batch End:

7	580-5385-B-11-B (8082)	N/A			4/4/07	8_Days - R	4		
8	580-5385-B-12-A (8082)	N/A			4/11/07	13_Days - E	4		
9	580-5372-A-3-A (8082)	N/A			4/10/07	13_Days - E	4		
10	580-5404-A-13-A (8082)	N/A			4/12/07	13_Days - E	4		
11	580-5404-A-14-A (8082)	N/A			4/12/07	13_Days - E	4		

Batch Notes

Batch Comment

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17286

Method Code: 580-8082-580

Batch Open: 4/3/2007 11:43:00AM

Batch End:

Comments

Login Comments for Job	5372:	PND07-9 4oz soil jar rcvd broken... PHD07-9 Methanol preserved sample in non pretared jar...
580-5453-C-9-D	Method Comments:	Needs RL below 5 mg/kg
580-5453-C-9-D	Method Comments:	Needs RL of 5 mg/kg
580-5453-C-9-D	Method Comments:	Needs RL of 5 mg/kg
580-5453-C-9-D	Method Comments:	Needs RL of 18 ug/kg
580-5453-C-9-E~MS	Method Comments:	Needs RL below 5 mg/kg
580-5453-C-9-E~MS	Method Comments:	Needs RL of 5 mg/kg
580-5453-C-9-E~MS	Method Comments:	Needs RL of 5 mg/kg
580-5453-C-9-E~MS	Method Comments:	Needs RL of 18 ug/kg
580-5453-C-9-F~MSD	Method Comments:	Needs RL below 5 mg/kg
580-5453-C-9-F~MSD	Method Comments:	Needs RL of 5 mg/kg
580-5453-C-9-F~MSD	Method Comments:	Needs RL of 5 mg/kg
580-5453-C-9-F~MSD	Method Comments:	Needs RL of 18 ug/kg
580-5385-B-11-B	Method Comments:	Needs RL of 5 mg/kg
580-5385-B-12-A	Method Comments:	Needs RL of 5 mg/kg
580-5372-A-3-A	Method Comments:	Needs RL below 5 mg/kg
580-5404-A-13-A	Method Comments:	Needs RL of 5 mg/kg
580-5404-A-14-A	Method Comments:	Needs RL of 5 mg/kg

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17286

Method Code: 580-8082-580

Batch Open: 4/3/2007 11:43:00AM

Batch End:

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17286

Method Code: 580-8082-580

Batch Open: 4/3/2007 11:43:00AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness

Other Reagents:

Reagent	Amount/Units	Lot#:

GASOLINE RANGE ORGANICS DATA PACKAGE

SAMPLE DATA

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006111.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 11:59 pm
Operator : frz
Sample : 580-5404-A-1-B
Misc : BT=Sea041040407n
ALS Vial : 41 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:05 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	823417	85.215 ug/L
Spiked Amount 100.000		Recovery =	85.22%
2) S Fluorobenzene (Surr)	5.943	925605	92.277 ug/L
Spiked Amount 100.000		Recovery =	92.28%
3) S Trifluorotoluene (Surr)	6.680	826980	103.055 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	103.06%
4) S Toluene-d8 (Surr)	7.595	1357880	106.211 ug/L
Spiked Amount 100.000		Recovery =	106.21%
5) S Ethylbenzene-d10 (Surr)	8.930	1458981	101.627 ug/L
Spiked Amount 100.000		Recovery =	101.63%
6) S 4-Bromofluorobenzene ...	9.983	759287	95.887 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	95.89%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	157507	12.073 ug/L
8) H C6-C10	6.960	121729	<MDL ug/L
9) H C6-C12	7.950	178058	<MDL ug/L
10) H CA 8015B	6.900	154313	<MDL ug/L

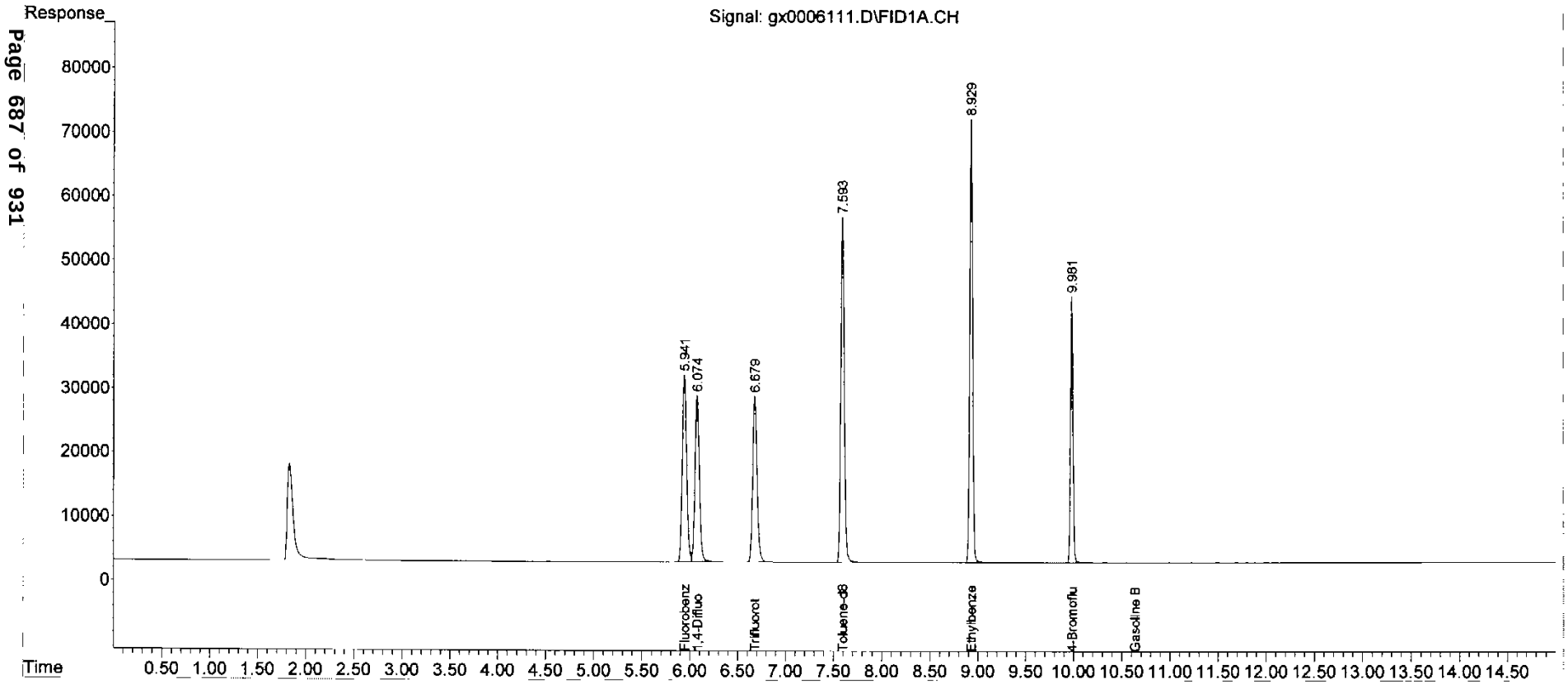
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006111.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 11:59 pm
Operator : frz
Sample : 580-5404-A-1-B
Misc : BT=Sea041040407n
ALS Vial : 41 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:05 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006120.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 3:20 am
Operator : frz
Sample : 580-5404-A-2-B
Misc : BT=Sea041040407n
ALS Vial : 50 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:50 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

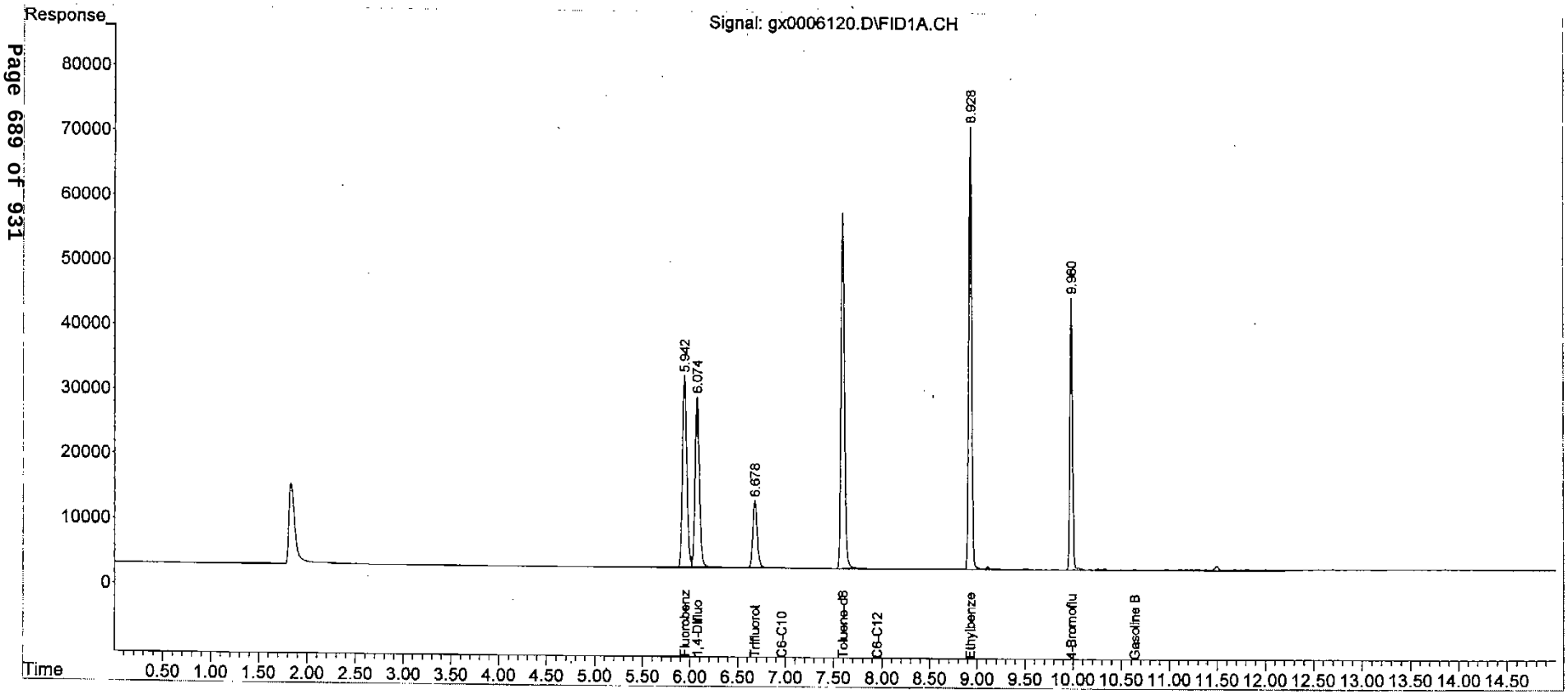
	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.076	828152	85.705 ug/L
Spiked Amount	100.000		Recovery =	85.70%
2) S	Fluorobenzene (Surr)	5.943	933333	93.048 ug/L
Spiked Amount	100.000		Recovery =	93.05%
3) S	Trifluorotoluene (Surr)	6.680	329244	41.029 ug/L
Spiked Amount	100.000 Range 69 - 120		Recovery =	41.03%#
4) S	Toluene-d8 (Surr)	7.594	1358976	106.296 ug/L
Spiked Amount	100.000		Recovery =	106.30%
5) S	Ethylbenzene-d10 (Surr)	8.929	1464908	102.040 ug/L
Spiked Amount	100.000		Recovery =	102.04%
6) S	4-Bromofluorobenzene ...	9.982	763581	96.429 ug/L
Spiked Amount	100.000 Range 70 - 120		Recovery =	96.43%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	329697	49.892 ug/L
8) H	C6-C10	6.960	165440	20.745 ug/L
9) H	C6-C12	7.950	339511	36.912 ug/L
10) H	CA 8015B	6.900	205242	<MDL ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006120.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 3:20 am
Operator : frz
Sample : 580-5404-A-2-B
Misc : BT=Sea041040407n
ALS Vial : 50 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:50 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006112.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 12:21 am
Operator : frz
Sample : 580-5404-A-3-A
Misc : BT=Sea041040407n
ALS Vial : 42 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:10 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.073	807763	83.595 ug/L
Spiked Amount 100.000		Recovery =	83.59%
2) S Fluorobenzene (Surr)	5.942	911817	90.903 ug/L
Spiked Amount 100.000		Recovery =	90.90%
3) S Trifluorotoluene (Surr)	6.677	406620	50.672 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	50.67%#
4) S Toluene-d8 (Surr)	7.591	1306605	102.200 ug/L
Spiked Amount 100.000		Recovery =	102.20%
5) S Ethylbenzene-d10 (Surr)	8.929	1446167	100.735 ug/L
Spiked Amount 100.000		Recovery =	100.74%
6) S 4-Bromofluorobenzene ...	9.983	760955	96.097 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.10%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	173950	15.684 ug/L
8) H C6-C10	6.960	90864	<MDL ug/L
9) H C6-C12	7.950	139747	<MDL ug/L

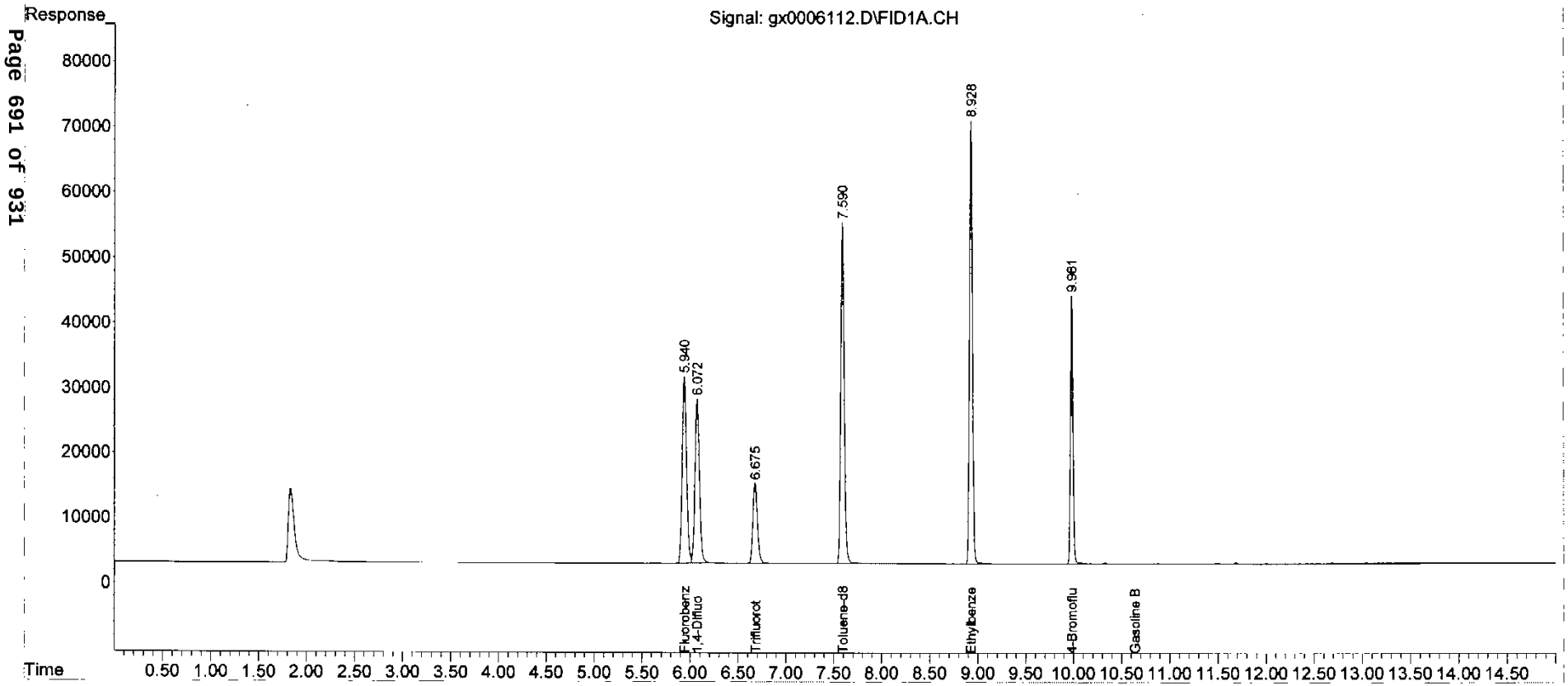
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006112.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 12:21 am
Operator : frz
Sample : 580-5404-A-3-A
Misc : BT=Sea041040407n
ALS Vial : 42 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:10 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006113.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 12:43 am
Operator : frz
Sample : 580-5404-A-4-A
Misc : BT=Sea041040407n
ALS Vial : 43 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:15 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.075	819821	84.843 ug/L
Spiked Amount 100.000		Recovery =	84.84%
2) S Fluorobenzene (Surr)	5.942	926043	92.321 ug/L
Spiked Amount 100.000		Recovery =	92.32%
3) S Trifluorotoluene (Surr)	6.679	171925	21.425 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	21.43%#
4) S Toluene-d8 (Surr)	7.593	1364495	106.728 ug/L
Spiked Amount 100.000		Recovery =	106.73%
5) S Ethylbenzene-d10 (Surr)	8.929	1471704	102.513 ug/L
Spiked Amount 100.000		Recovery =	102.51%
6) S 4-Bromofluorobenzene ...	9.982	767188	96.884 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.88%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	178230	16.624 ug/L
8) H C6-C10	6.960	91171	<MDL ug/L
9) H C6-C12	7.950	134504	<MDL ug/L

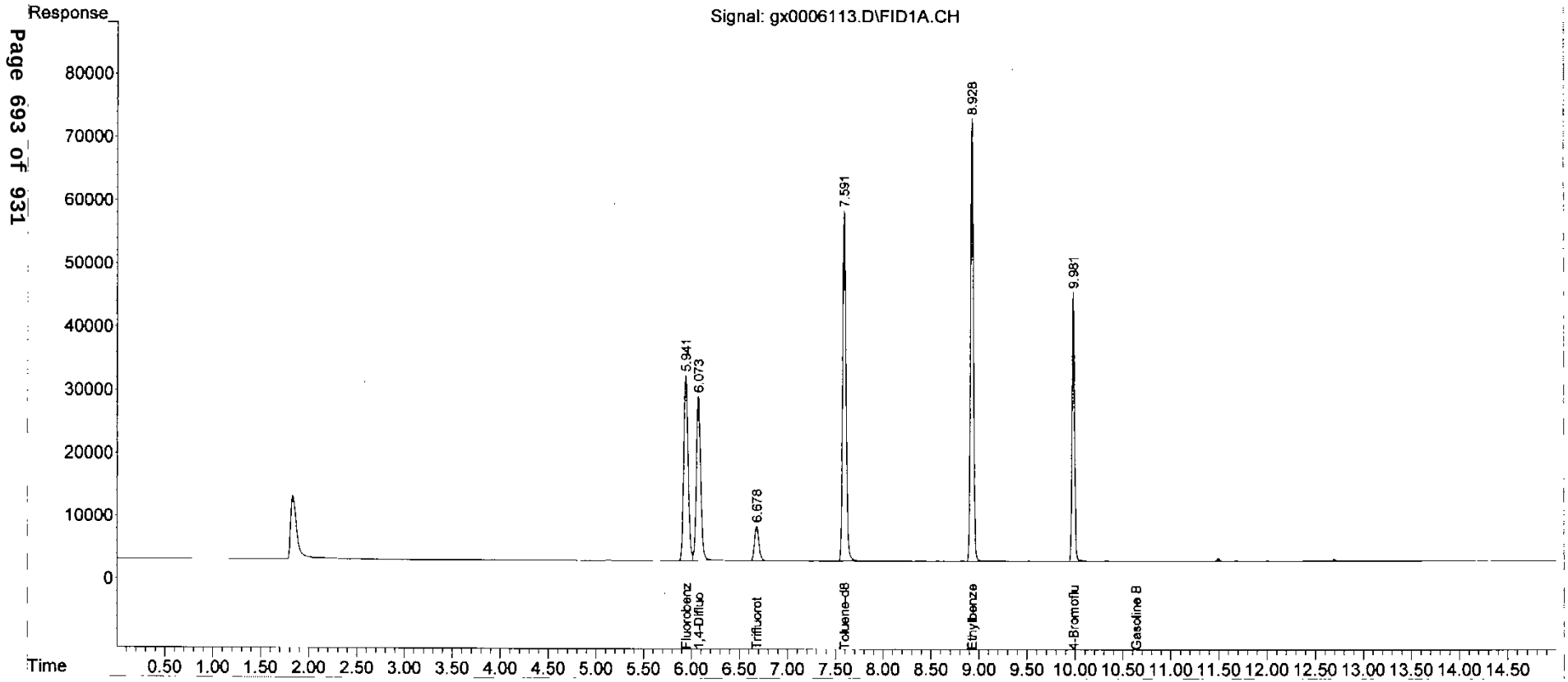
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006113.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 12:43 am
Operator : frz
Sample : 580-5404-A-4-A
Misc : BT=Sea041040407n
ALS Vial : 43 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:15 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006114.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 1:06 am
Operator : frz
Sample : 580-5404-C-5-B
Misc : BT=Sea041040407n
ALS Vial : 44 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.074	827391	85.626 ug/L
Spiked Amount	100.000		Recovery =	85.63%
2) S	Fluorobenzene (Surr)	5.941	931236	92.839 ug/L
Spiked Amount	100.000		Recovery =	92.84%
3) S	Trifluorotoluene (Surr)	6.679	651780	81.222 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	81.22%
4) S	Toluene-d8 (Surr)	7.593	1357042	106.145 ug/L
Spiked Amount	100.000		Recovery =	106.15%
5) S	Ethylbenzene-d10 (Surr)	8.928	1460618	101.741 ug/L
Spiked Amount	100.000		Recovery =	101.74%
6) S	4-Bromofluorobenzene ...	9.981	759530	95.917 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	95.92%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	222179	26.277 ug/L
8) H	C6-C10	6.960	112646	<MDL ug/L
9) H	C6-C12	7.950	174406	<MDL ug/L
10) H	CA 8015B	6.900	138990	<MDL ug/L

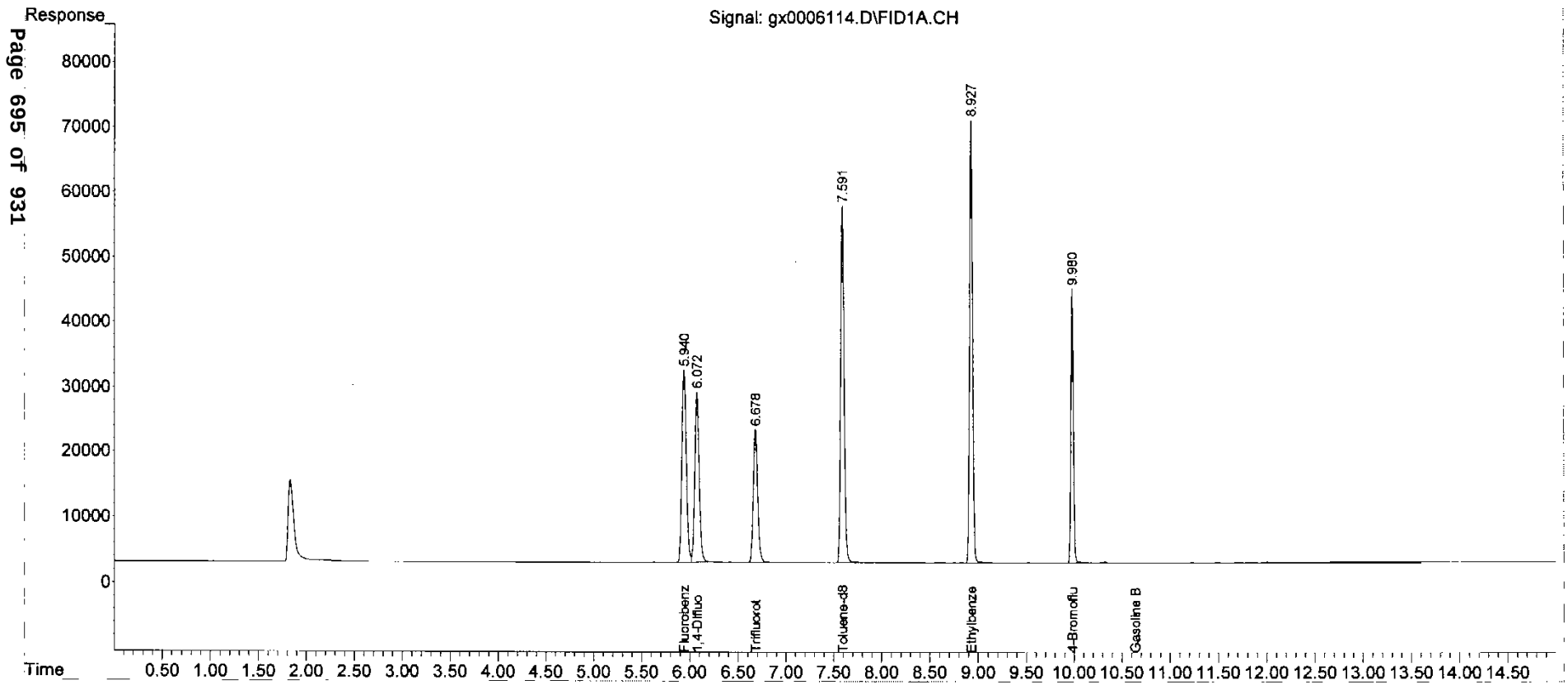
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006114.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 1:06 am
Operator : frz
Sample : 580-5404-C-5-B
Misc : BT=Sea041040407n
ALS Vial : 44 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006115.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 1:28 am
Operator : frz
Sample : 580-5404-A-6-A
Misc : BT=Sea041040407n
ALS Vial : 45 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:25 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	827004	85.586 ug/L
Spiked Amount 100.000		Recovery =	85.59%
2) S Fluorobenzene (Surr)	5.943	930558	92.771 ug/L
Spiked Amount 100.000		Recovery =	92.77%
3) S Trifluorotoluene (Surr)	6.680	436226	54.361 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	54.36%#
4) S Toluene-d8 (Surr)	7.594	1357038	106.145 ug/L
Spiked Amount 100.000		Recovery =	106.15%
5) S Ethylbenzene-d10 (Surr)	8.930	1465101	102.053 ug/L
Spiked Amount 100.000		Recovery =	102.05%
6) S 4-Bromofluorobenzene ...	9.982	761718	96.194 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.19%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	171933	15.241 ug/L
8) H C6-C10	6.960	96021	<MDL ug/L
9) H C6-C12	7.950	134569	<MDL ug/L

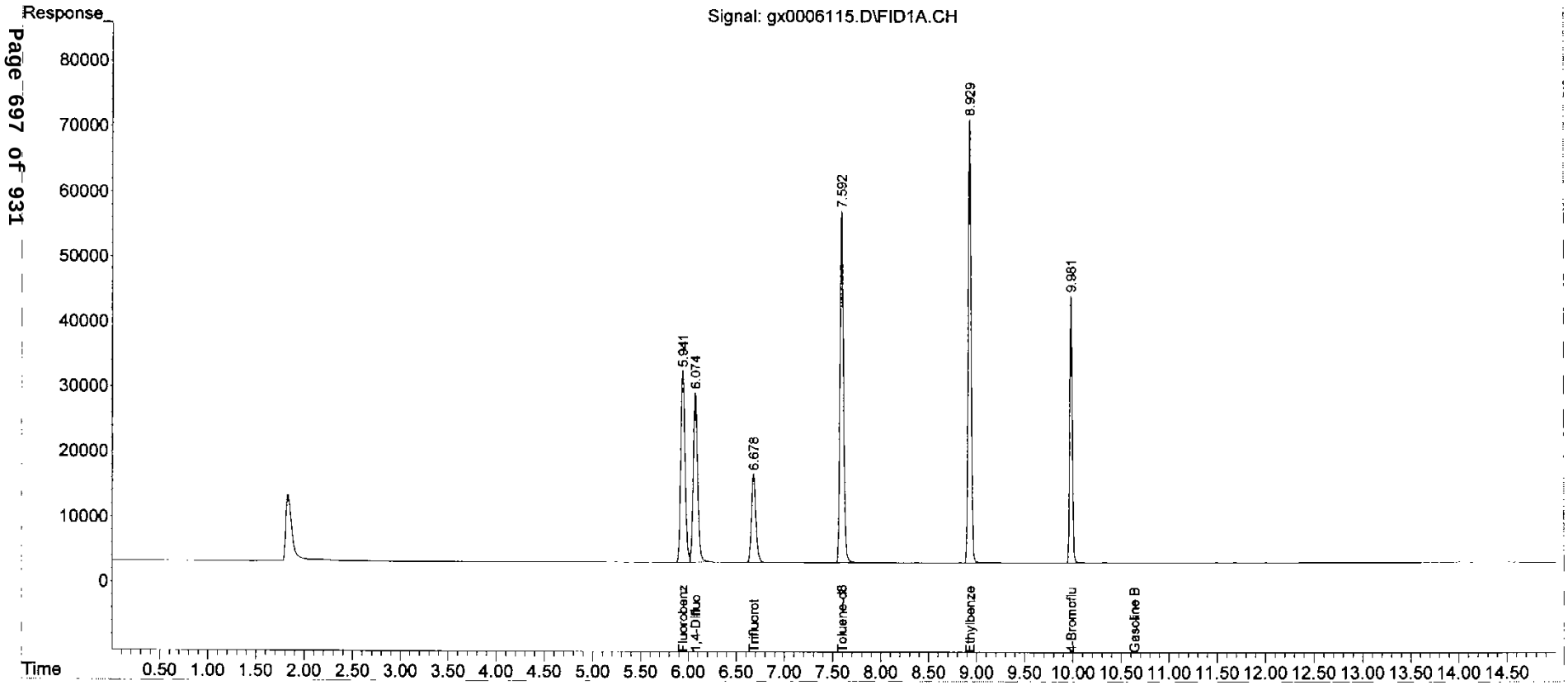
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006115.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 1:28 am
Operator : frz
Sample : 580-5404-A-6-A
Misc : BT=Sea041040407n
ALS Vial : 45 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:25 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006116.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 1:51 am
Operator : frz
Sample : 580-5404-A-7-A
Misc : BT=Sea041040407n
ALS Vial : 46 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:30 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.075	823814	85.256 ug/L
Spiked Amount 100.000		Recovery =	85.26%
2) S Fluorobenzene (Surr)	5.942	930314	92.747 ug/L
Spiked Amount 100.000		Recovery =	92.75%
3) S Trifluorotoluene (Surr)	6.679	478477	59.626 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	59.63%#
4) S Toluene-d8 (Surr)	7.593	1365010	106.768 ug/L
Spiked Amount 100.000		Recovery =	106.77%
5) S Ethylbenzene-d10 (Surr)	8.929	1469575	102.365 ug/L
Spiked Amount 100.000		Recovery =	102.36%
6) S 4-Bromofluorobenzene ...	9.982	765947	96.728 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	96.73%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	297129	42.739 ug/L
8) H C6-C10	6.960	106979	<MDL ug/L
9) H C6-C12	7.950	181421	16.268 ug/L
10) H CA 8015B	6.900	132416	<MDL ug/L

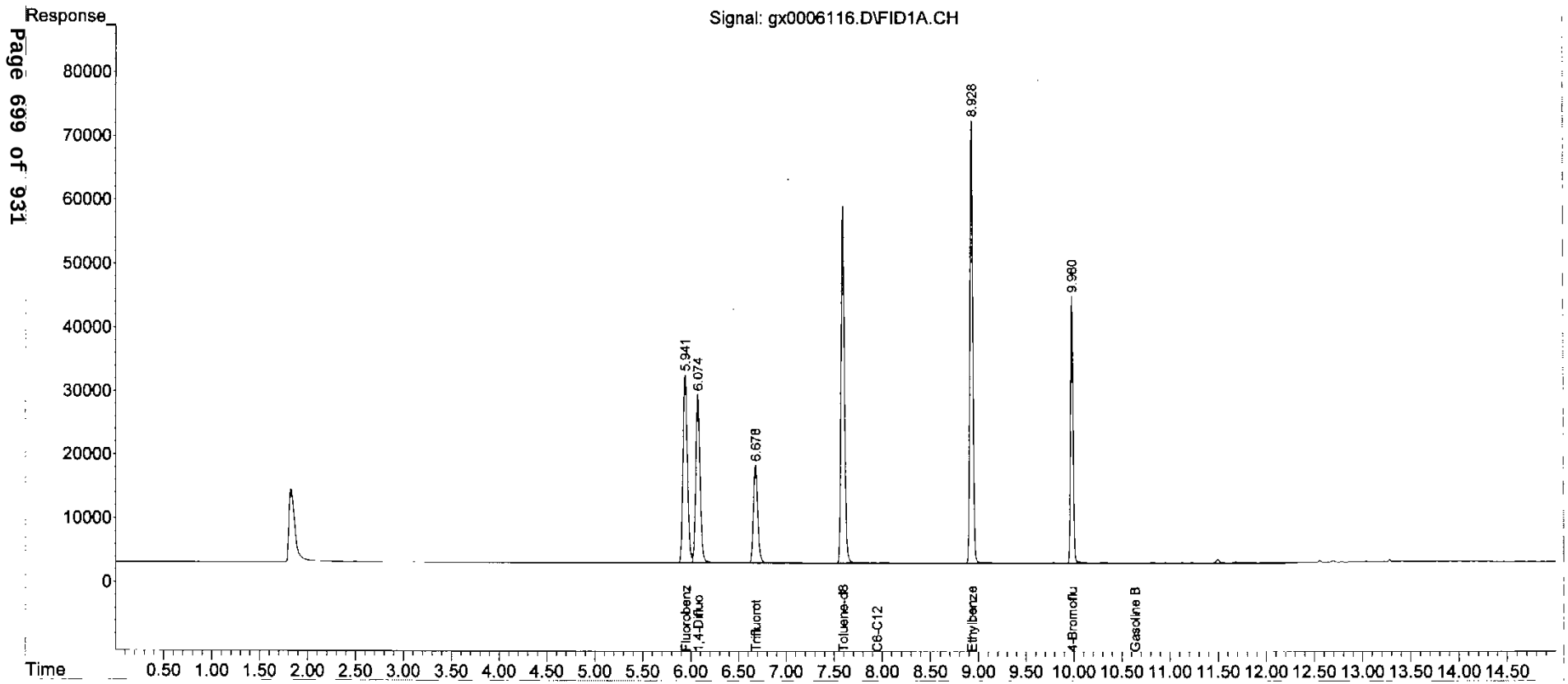
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006116.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 1:51 am
Operator : frz
Sample : 580-5404-A-7-A
Misc : BT=Sea041040407n
ALS Vial : 46 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:30 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006117.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 2:13 am
Operator : frz
Sample : 580-5404-A-8-A
Misc : BT=Sea041040407n
ALS Vial : 47 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:35 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	827138	85.600 ug/L
Spiked Amount 100.000		Recovery =	85.60%
2) S Fluorobenzene (Surr)	5.942	931894	92.904 ug/L
Spiked Amount 100.000		Recovery =	92.90%
3) S Trifluorotoluene (Surr)	6.679	408035	50.848 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	50.85%#
4) S Toluene-d8 (Surr)	7.593	1357671	106.194 ug/L
Spiked Amount 100.000		Recovery =	106.19%
5) S Ethylbenzene-d10 (Surr)	8.929	1462659	101.883 ug/L
Spiked Amount 100.000		Recovery =	101.88%
6) S 4-Bromofluorobenzene ...	9.982	760935	96.095 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	96.09%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	172421	15.348 ug/L
8) H C6-C10	6.960	159667	19.687 ug/L
9) H C6-C12	7.950	223363	21.745 ug/L
10) H CA 8015B	6.900	183286	<MDL ug/L

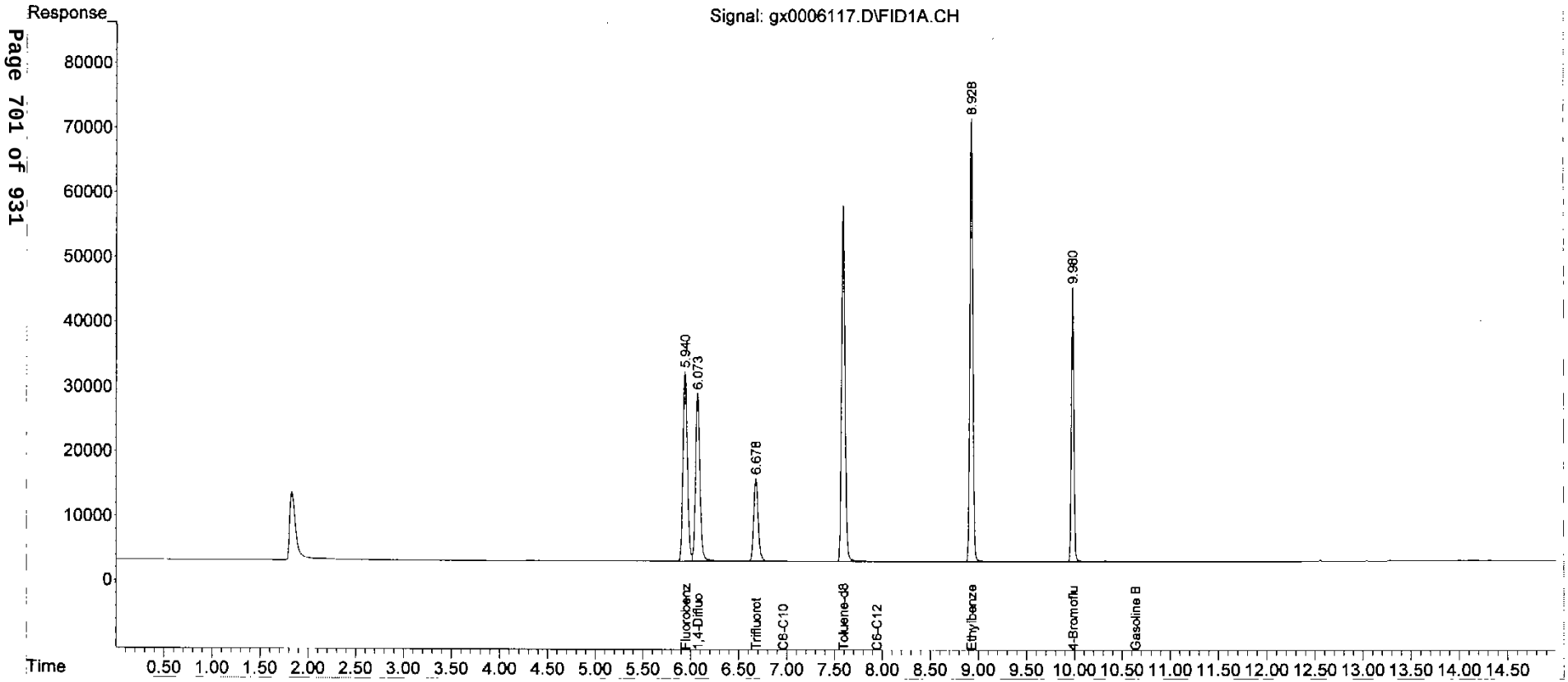
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006117.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 2:13 am
Operator : frz
Sample : 580-5404-A-8-A
Misc : BT=Sea041040407n
ALS Vial : 47 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:35 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006118.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 2:35 am
Operator : frz
Sample : 580-5404-A-9-A
Misc : BT=Sea041040407n
ALS Vial : 48 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:40 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	820389	84.902 ug/L
Spiked Amount 100.000		Recovery =	84.90%
2) S Fluorobenzene (Surr)	5.942	925175	92.235 ug/L
Spiked Amount 100.000		Recovery =	92.23%
3) S Trifluorotoluene (Surr)	6.679	481718	60.030 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	60.03%#
4) S Toluene-d8 (Surr)	7.593	1353481	105.867 ug/L
Spiked Amount 100.000		Recovery =	105.87%
5) S Ethylbenzene-d10 (Surr)	8.929	1458390	101.586 ug/L
Spiked Amount 100.000		Recovery =	101.59%
6) S 4-Bromofluorobenzene ...	9.982	763570	96.428 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.43%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	255186	33.527 ug/L
8) H C6-C10	6.960	105349	<MDL ug/L
9) H C6-C12	7.950	195036	18.046 ug/L
10) H CA 8015B	6.900	126620	<MDL ug/L

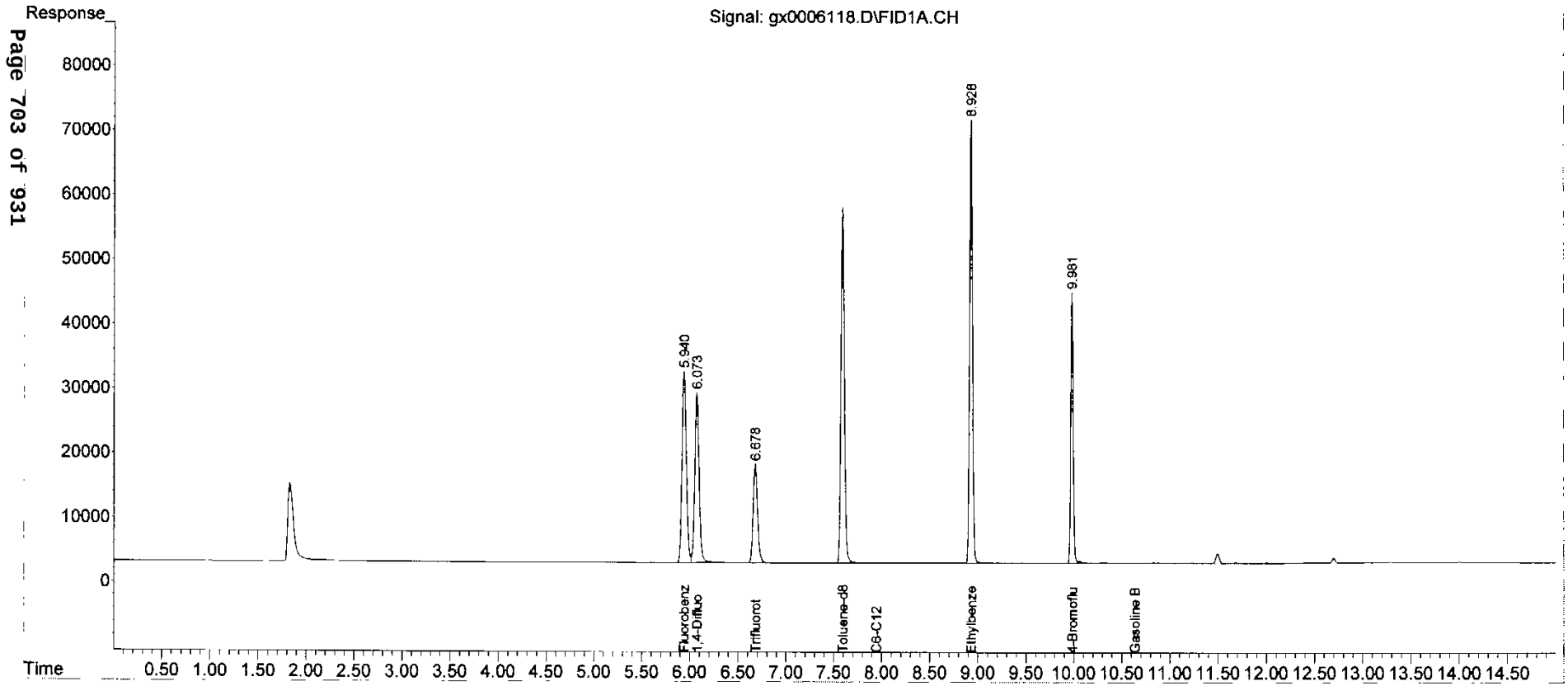
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006118.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 2:35 am
Operator : frz
Sample : 580-5404-A-9-A
Misc : BT=Sea041040407n
ALS Vial : 48 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:40 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006119.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 2:57 am
Operator : frz
Sample : 580-5404-C-10-B
Misc : BT=Sea041040407n
ALS Vial : 49 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:45 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	823379	85.211 ug/L
Spiked Amount 100.000		Recovery =	85.21%
2) S Fluorobenzene (Surr)	5.941	926592	92.376 ug/L
Spiked Amount 100.000		Recovery =	92.38%
3) S Trifluorotoluene (Surr)	6.678	655331	81.665 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	81.67%
4) S Toluene-d8 (Surr)	7.593	1353412	105.861 ug/L
Spiked Amount 100.000		Recovery =	105.86%
5) S Ethylbenzene-d10 (Surr)	8.929	1466552	102.154 ug/L
Spiked Amount 100.000		Recovery =	102.15%
6) S 4-Bromofluorobenzene ...	9.982	762837	96.335 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.33%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	201277	21.686 ug/L
8) H C6-C10	6.960	123203	<MDL ug/L
9) H C6-C12	7.950	168225	<MDL ug/L
10) H CA 8015B	6.900	141719	<MDL ug/L

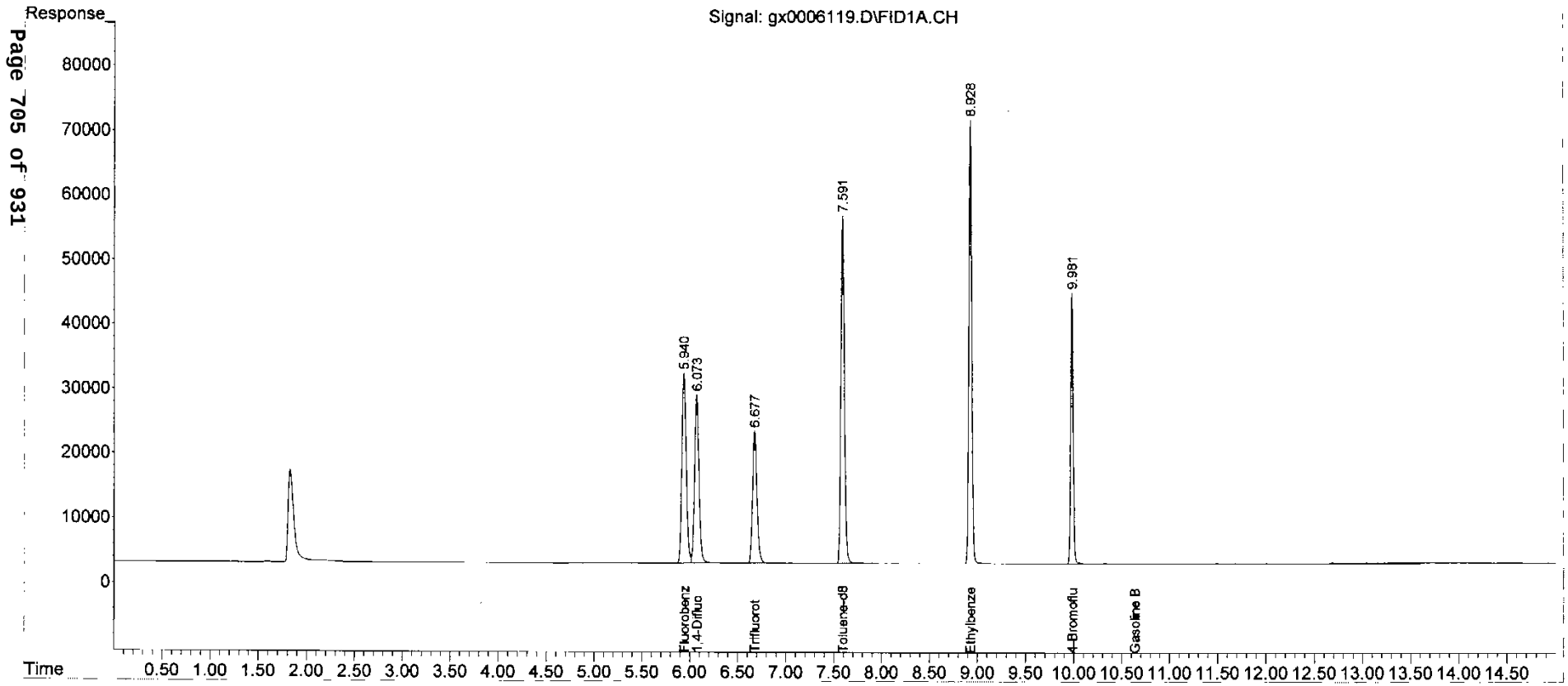
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006119.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 2:57 am
Operator : frz
Sample : 580-5404-C-10-B
Misc : BT=Sea041040407n
ALS Vial : 49 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:45 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006126.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 5:34 am
Operator : frz
Sample : 580-5404-A-11-A
Misc : BT=Sea041040407n
ALS Vial : 56 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	817394	84.592 ug/L
Spiked Amount 100.000		Recovery =	84.59%
2) S Fluorobenzene (Surr)	5.941	923055	92.023 ug/L
Spiked Amount 100.000		Recovery =	92.02%
3) S Trifluorotoluene (Surr)	6.677	429971	53.581 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	53.58%#
4) S Toluene-d8 (Surr)	7.591	1322069	103.410 ug/L
Spiked Amount 100.000		Recovery =	103.41%
5) S Ethylbenzene-d10 (Surr)	8.929	1449546	100.970 ug/L
Spiked Amount 100.000		Recovery =	100.97%
6) S 4-Bromofluorobenzene ...	9.982	763400	96.406 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.41%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	236541	29.431 ug/L
8) H C6-C10	6.960	143702	<MDL ug/L
9) H C6-C12	7.950	237689	23.616 ug/L
10) H CA 8015B	6.900	168862	<MDL ug/L

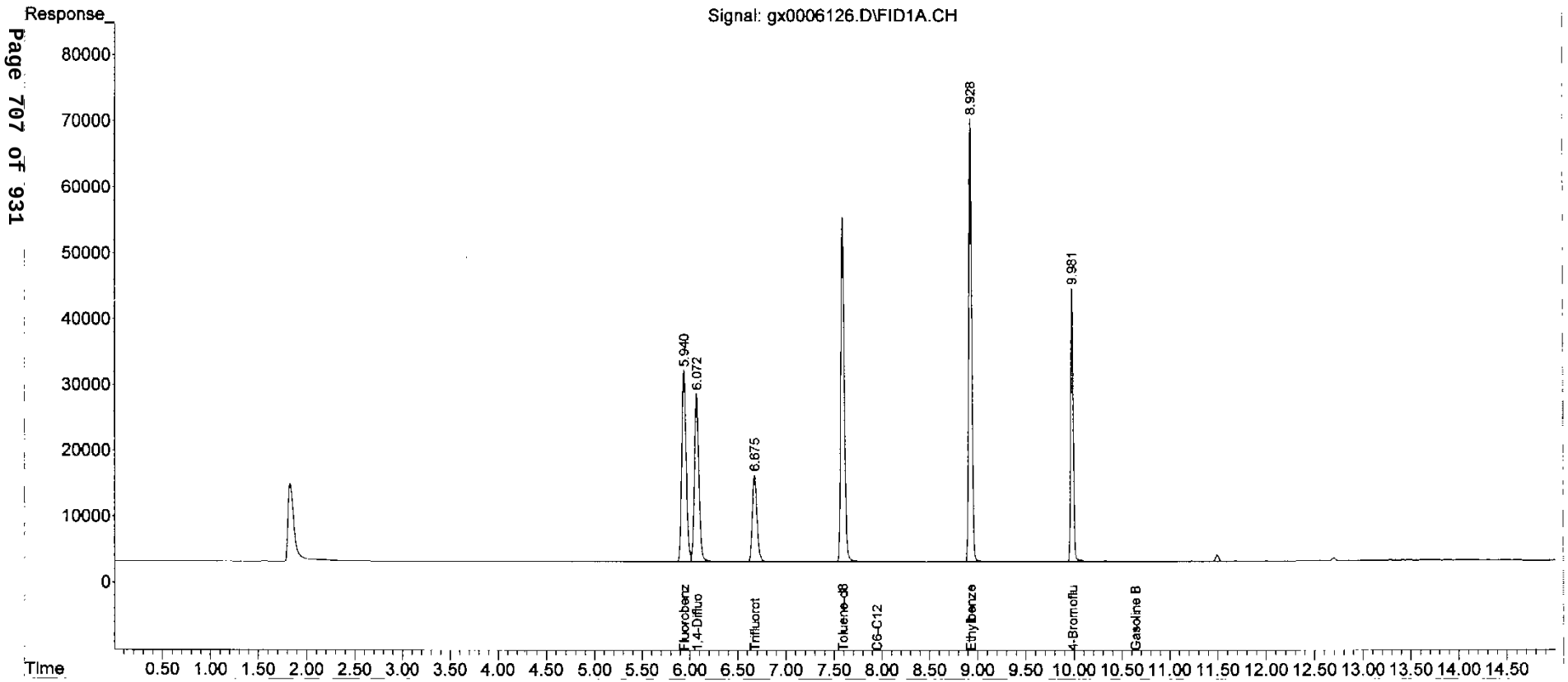
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006126.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 5:34 am
Operator : frz
Sample : 580-5404-A-11-A
Misc : BT=Sea041040407n
ALS Vial : 56 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006127.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 5:57 am
Operator : frz
Sample : 580-5404-A-12-A
Misc : BT=Sea041040407n
ALS Vial : 57 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:25 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	825951	85.477 ug/L
Spiked Amount 100.000		Recovery =	85.48%
2) S Fluorobenzene (Surr)	5.942	930292	92.745 ug/L
Spiked Amount 100.000		Recovery =	92.75%
3) S Trifluorotoluene (Surr)	6.679	462697	57.660 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	57.66%#
4) S Toluene-d8 (Surr)	7.594	1358076	106.226 ug/L
Spiked Amount 100.000		Recovery =	106.23%
5) S Ethylbenzene-d10 (Surr)	8.929	1461422	101.797 ug/L
Spiked Amount 100.000		Recovery =	101.80%
6) S 4-Bromofluorobenzene ...	9.982	764945	96.601 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.60%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	186534	18.448 ug/L
8) H C6-C10	6.960	102182	<MDL ug/L
9) H C6-C12	7.950	145956	<MDL ug/L
10) H CA 8015B	6.900	120833	<MDL ug/L

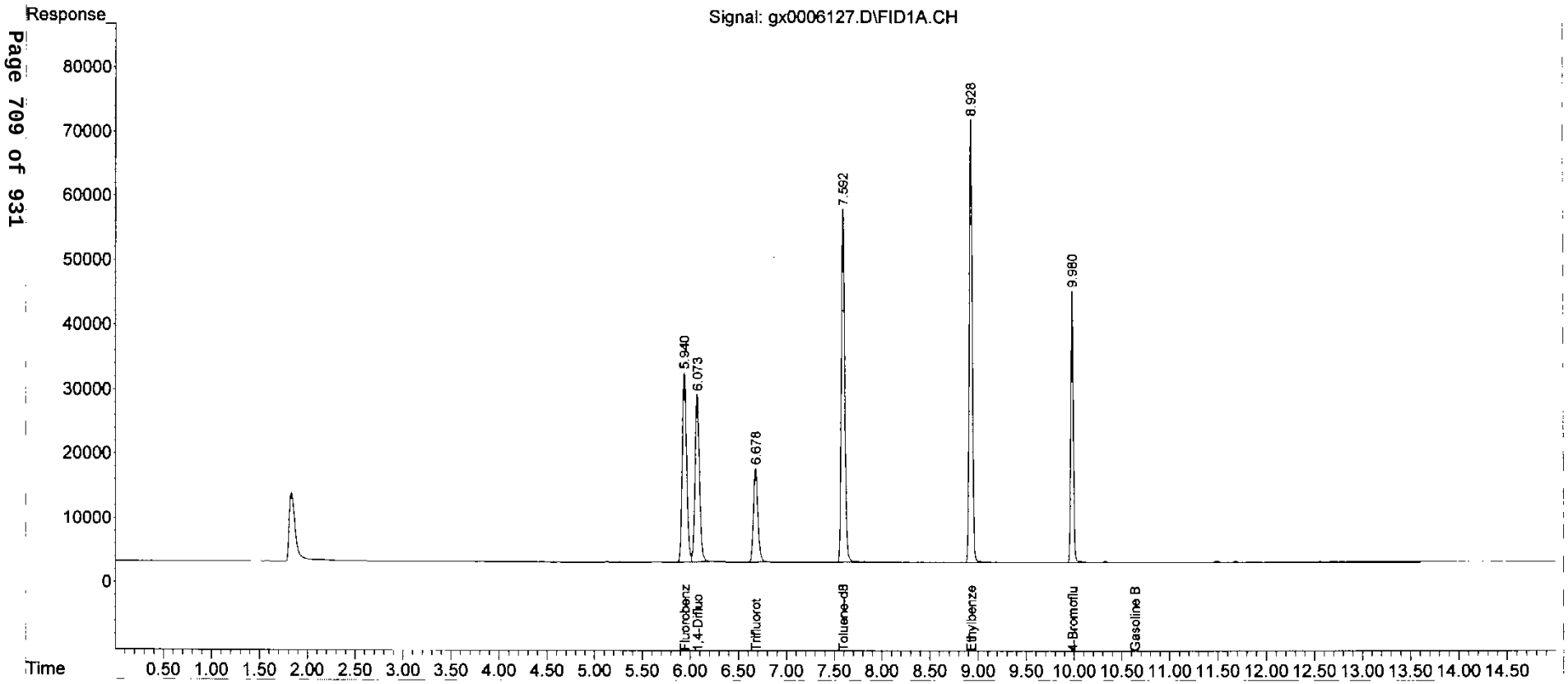
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006127.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 5:57 am
Operator : frz
Sample : 580-5404-A-12-A
Misc : BT=Sea041040407n
ALS Vial : 57 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:25 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006128.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 6:19 am
Operator : frz
Sample : 580-5404-A-13-F
Misc : BT=Sea041040407n
ALS Vial : 58 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:30 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.070	785338	81.274 ug/L
Spiked Amount 100.000		Recovery	= 81.27%
2) S Fluorobenzene (Surr)	5.937	889112	88.639 ug/L
Spiked Amount 100.000		Recovery	= 88.64%
3) S Trifluorotoluene (Surr)	6.672	584512	72.840 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery	= 72.84%
4) S Toluene-d8 (Surr)	7.588	1285517	100.551 ug/L
Spiked Amount 100.000		Recovery	= 100.55%
5) S Ethylbenzene-d10 (Surr)	8.927	1426228	99.346 ug/L
Spiked Amount 100.000		Recovery	= 99.35%
6) S 4-Bromofluorobenzene ...	9.981	746394	94.259 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery	= 94.26%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	197971	20.960 ug/L
8) H C6-C10	6.960	126006	<MDL ug/L
9) H C6-C12	7.950	174303	<MDL ug/L
10) H CA 8015B	6.900	146323	<MDL ug/L

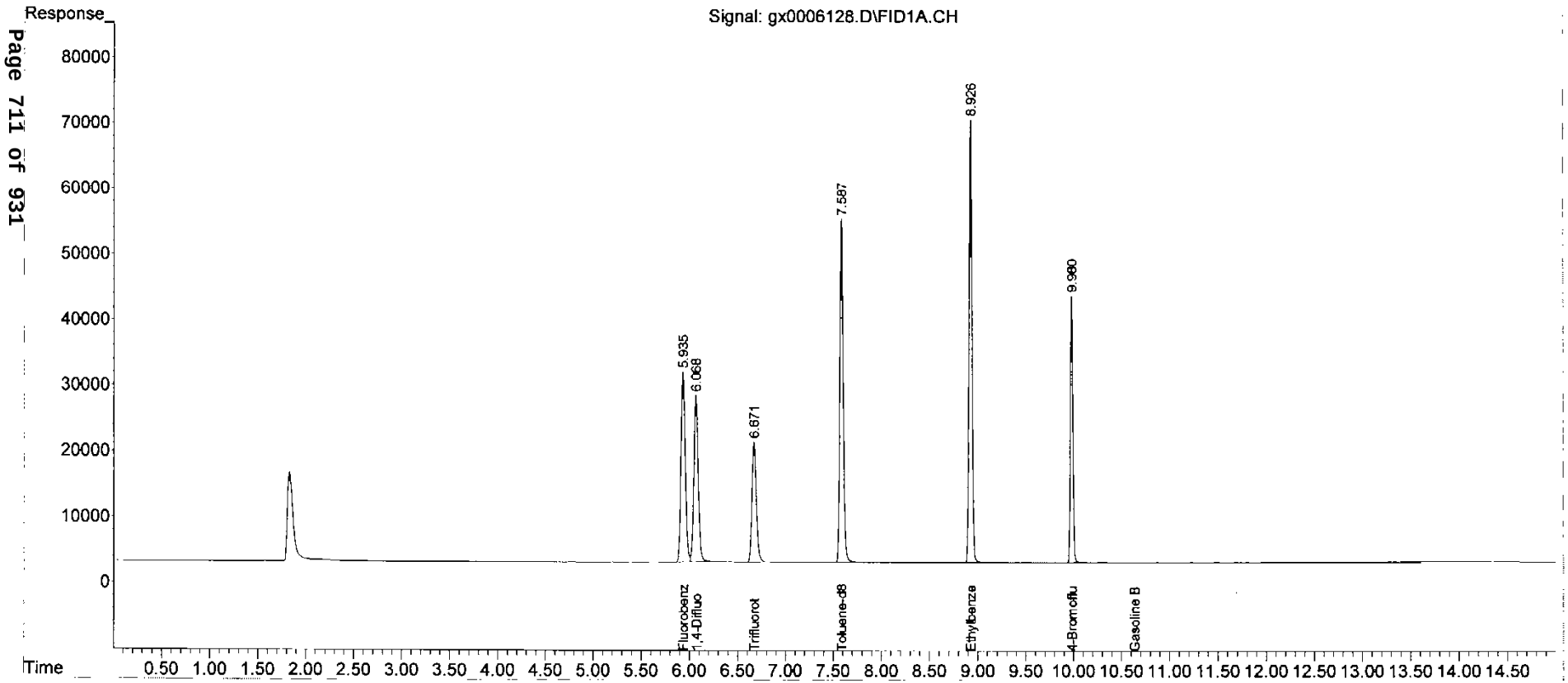
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006128.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 6:19 am
Operator : frz
Sample : 580-5404-A-13-F
Misc : BT=Sea041040407n
ALS Vial : 58 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:30 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006133.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 8:11 am
Operator : frz
Sample : 580-5404-A-14-H
Misc : BT=Sea041040407n
ALS Vial : 63 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:55 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

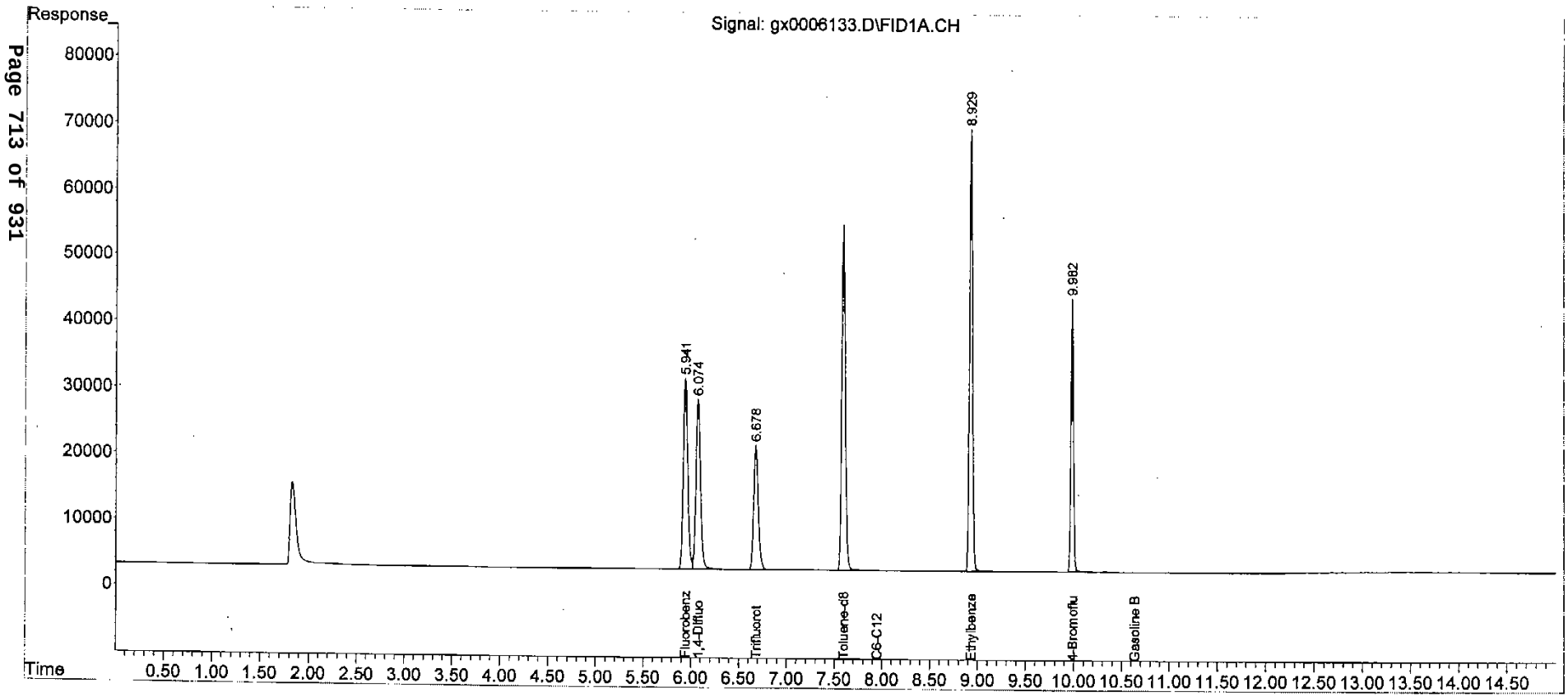
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	827774	85.666 ug/L
Spiked Amount 100.000		Recovery =	85.67%
2) S Fluorobenzene (Surr)	5.943	931688	92.884 ug/L
Spiked Amount 100.000		Recovery =	92.88%
3) S Trifluorotoluene (Surr)	6.680	620143	77.280 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	77.28%
4) S Toluene-d8 (Surr)	7.594	1347368	105.388 ug/L
Spiked Amount 100.000		Recovery =	105.39%
5) S Ethylbenzene-d10 (Surr)	8.930	1459324	101.651 ug/L
Spiked Amount 100.000		Recovery =	101.65%
6) S 4-Bromofluorobenzene ...	9.983	760498	96.040 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	96.04%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	231620	28.351 ug/L
8) H C6-C10	6.960	128680	<MDL ug/L
9) H C6-C12	7.950	193642	17.864 ug/L
10) H CA 8015B	6.900	151521	<MDL ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006133.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 8:11 am
Operator : frz
Sample : 580-5404-A-14-H
Misc : BT=Sea041040407n
ALS Vial : 63 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:55 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



998400

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006129.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 6:42 am
Operator : frz
Sample : 580-5404-A-15-A
Misc : BT=Sea041040407n
ALS Vial : 59 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:35 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.073	818072	84.662 ug/L
Spiked Amount 100.000		Recovery = 84.66%	
2) S Fluorobenzene (Surr)	5.940	919704	91.689 ug/L
Spiked Amount 100.000		Recovery = 91.69%	
3) S Trifluorotoluene (Surr)	6.677	434473	54.142 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery = 54.14%#	
4) S Toluene-d8 (Surr)	7.592	1348664	105.490 ug/L
Spiked Amount 100.000		Recovery = 105.49%	
5) S Ethylbenzene-d10 (Surr)	8.929	1462681	101.885 ug/L
Spiked Amount 100.000		Recovery = 101.89%	
6) S 4-Bromofluorobenzene ...	9.982	759043	95.856 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery = 95.86%	
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	173738	15.638 ug/L
8) H C6-C10	6.960	127301	<MDL ug/L
9) H C6-C12	7.950	193909	17.899 ug/L
10) H CA 8015B	6.900	154012	<MDL ug/L

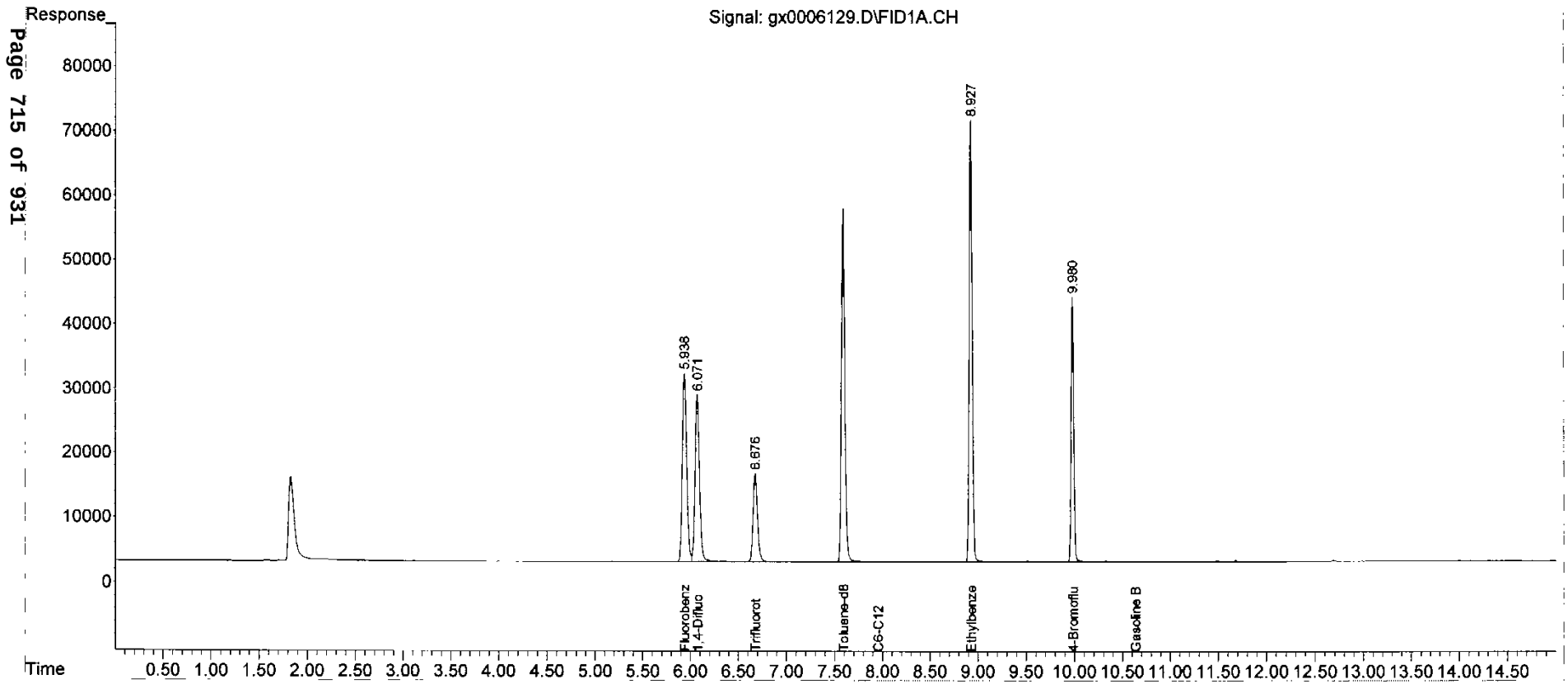
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006129.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 6:42 am
Operator : frz
Sample : 580-5404-A-15-A
Misc : BT=Sea041040407n
ALS Vial : 59 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:35 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006130.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 7:04 am
Operator : frz
Sample : 580-5404-A-16-A
Misc : BT=Sea041040407n
ALS Vial : 60 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:40 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.078	850483	88.016 ug/L
Spiked Amount	100.000		Recovery =	88.02%
2) S	Fluorobenzene (Surr)	5.946	956526	95.360 ug/L
Spiked Amount	100.000		Recovery =	95.36%
3) S	Trifluorotoluene (Surr)	6.683	462876	57.682 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	57.68%#
4) S	Toluene-d8 (Surr)	7.596	1366611	106.894 ug/L
Spiked Amount	100.000		Recovery =	106.89%
5) S	Ethylbenzene-d10 (Surr)	8.931	1460949	101.764 ug/L
Spiked Amount	100.000		Recovery =	101.76%
6) S	4-Bromofluorobenzene ...	9.983	764806	96.584 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	96.58%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	178557	16.696 ug/L
8) H	C6-C10	6.960	127489	<MDL ug/L
9) H	C6-C12	7.950	193626	17.862 ug/L
10) H	CA 8015B	6.900	152457	<MDL ug/L

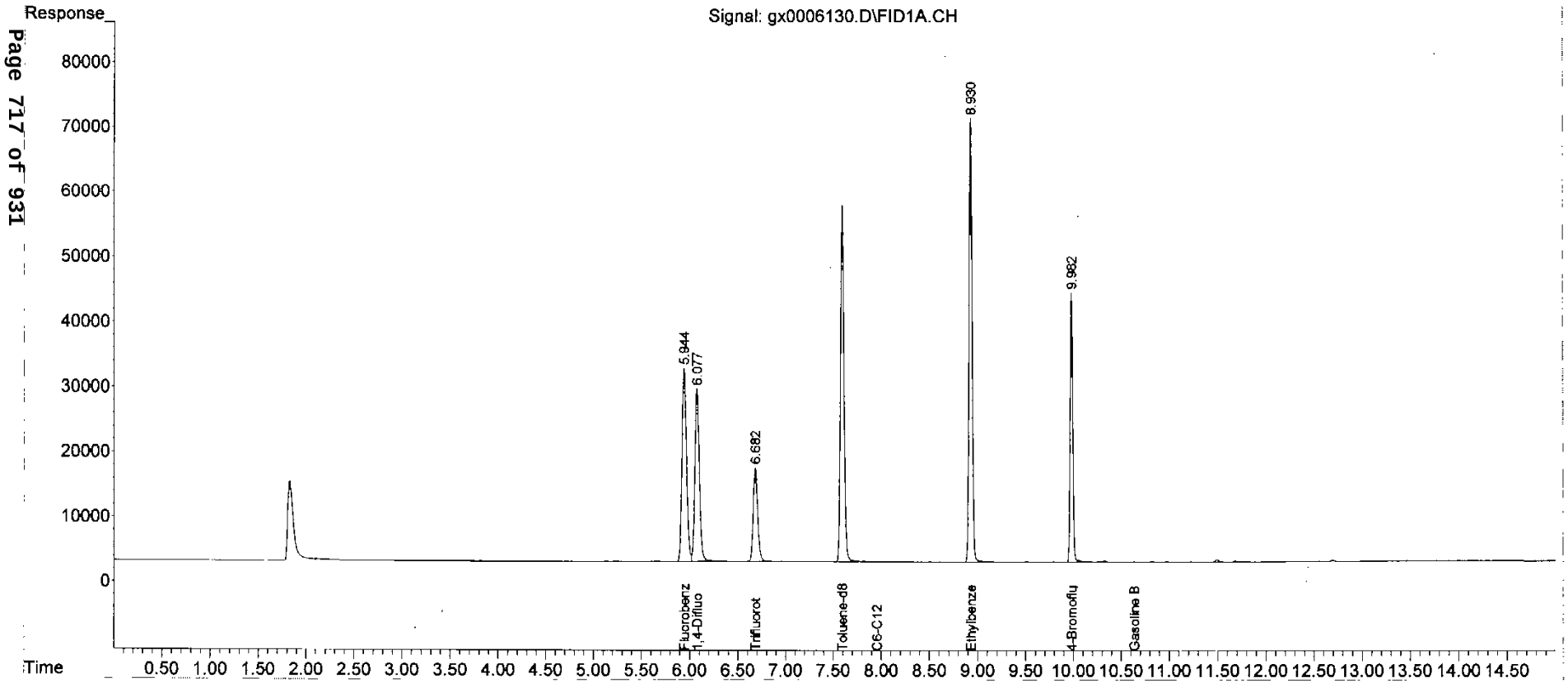
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006130.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 7:04 am
Operator : frz
Sample : 580-5404-A-16-A
Misc : BT=Sea041040407n
ALS Vial : 60 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:40 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006131.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 7:26 am
Operator : frz
Sample : 580-5404-A-17-A
Misc : BT=Sea041040407n
ALS Vial : 61 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:45 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	830113	85.908 ug/L
Spiked Amount 100.000		Recovery =	85.91%
2) S Fluorobenzene (Surr)	5.943	934262	93.140 ug/L
Spiked Amount 100.000		Recovery =	93.14%
3) S Trifluorotoluene (Surr)	6.680	490847	61.168 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	61.17%#
4) S Toluene-d8 (Surr)	7.594	1359387	106.329 ug/L
Spiked Amount 100.000		Recovery =	106.33%
5) S Ethylbenzene-d10 (Surr)	8.930	1459967	101.696 ug/L
Spiked Amount 100.000		Recovery =	101.70%
6) S 4-Bromofluorobenzene ...	9.982	762134	96.246 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	96.25%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	210468	23.705 ug/L
8) H C6-C10	6.960	134709	<MDL ug/L
9) H C6-C12	7.950	211312	20.171 ug/L
10) H CA 8015B	6.900	161968	<MDL ug/L

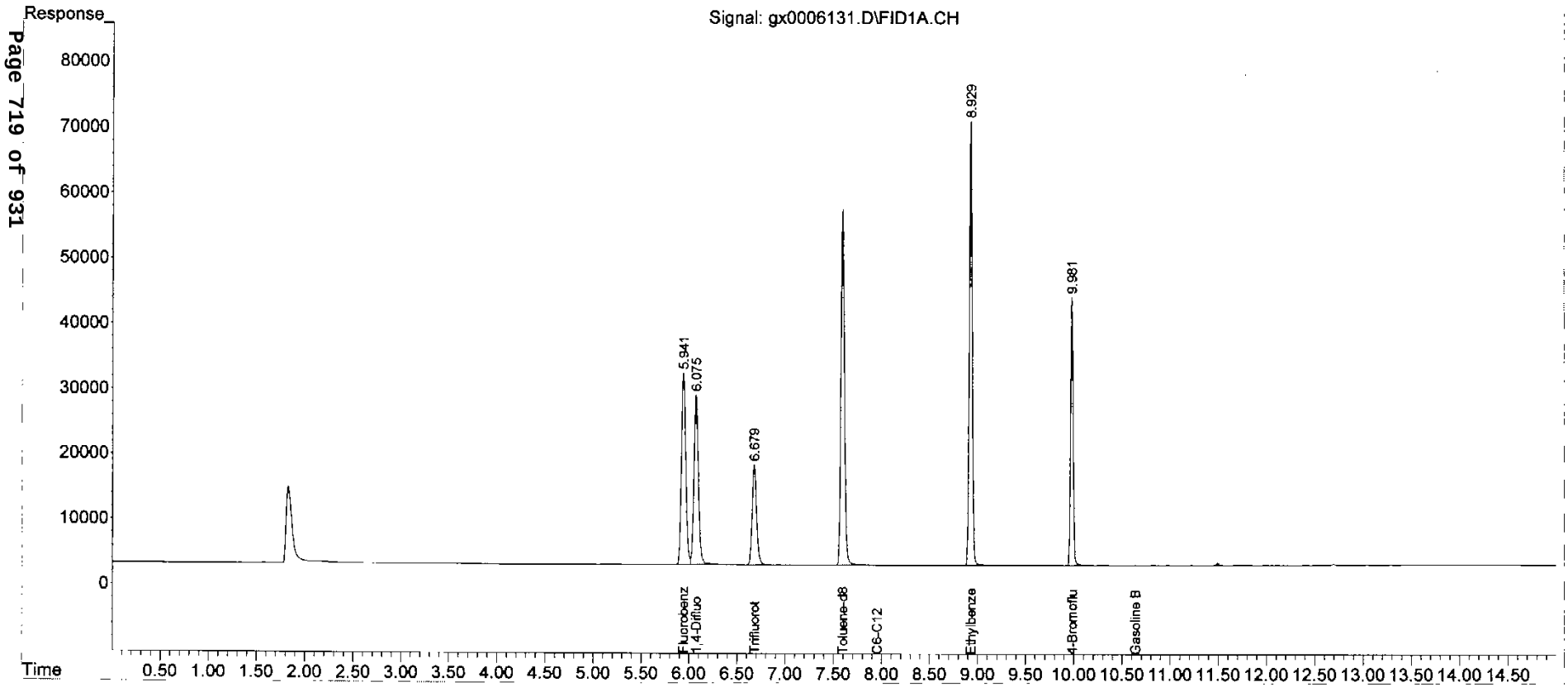
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006131.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 7:26 am
Operator : frz
Sample : 580-5404-A-17-A
Misc : BT=Sea041040407n
ALS Vial : 61 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:45 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006132.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 7:49 am
Operator : frz
Sample : 580-5404-A-18-A
Misc : BT=Sea041040407n
ALS Vial : 62 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:50 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	811977	84.031 ug/L
Spiked Amount 100.000		Recovery =	84.03%
2) S Fluorobenzene (Surr)	5.942	916713	91.391 ug/L
Spiked Amount 100.000		Recovery =	91.39%
3) S Trifluorotoluene (Surr)	6.679	561740	70.002 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	70.00%
4) S Toluene-d8 (Surr)	7.593	1352077	105.757 ug/L
Spiked Amount 100.000		Recovery =	105.76%
5) S Ethylbenzene-d10 (Surr)	8.929	1458544	101.597 ug/L
Spiked Amount 100.000		Recovery =	101.60%
6) S 4-Bromofluorobenzene ...	9.982	759768	95.947 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	95.95%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	207886	23.138 ug/L
8) H C6-C10	6.960	142441	<MDL ug/L
9) H C6-C12	7.950	217359	20.961 ug/L
10) H CA 8015B	6.900	167251	<MDL ug/L

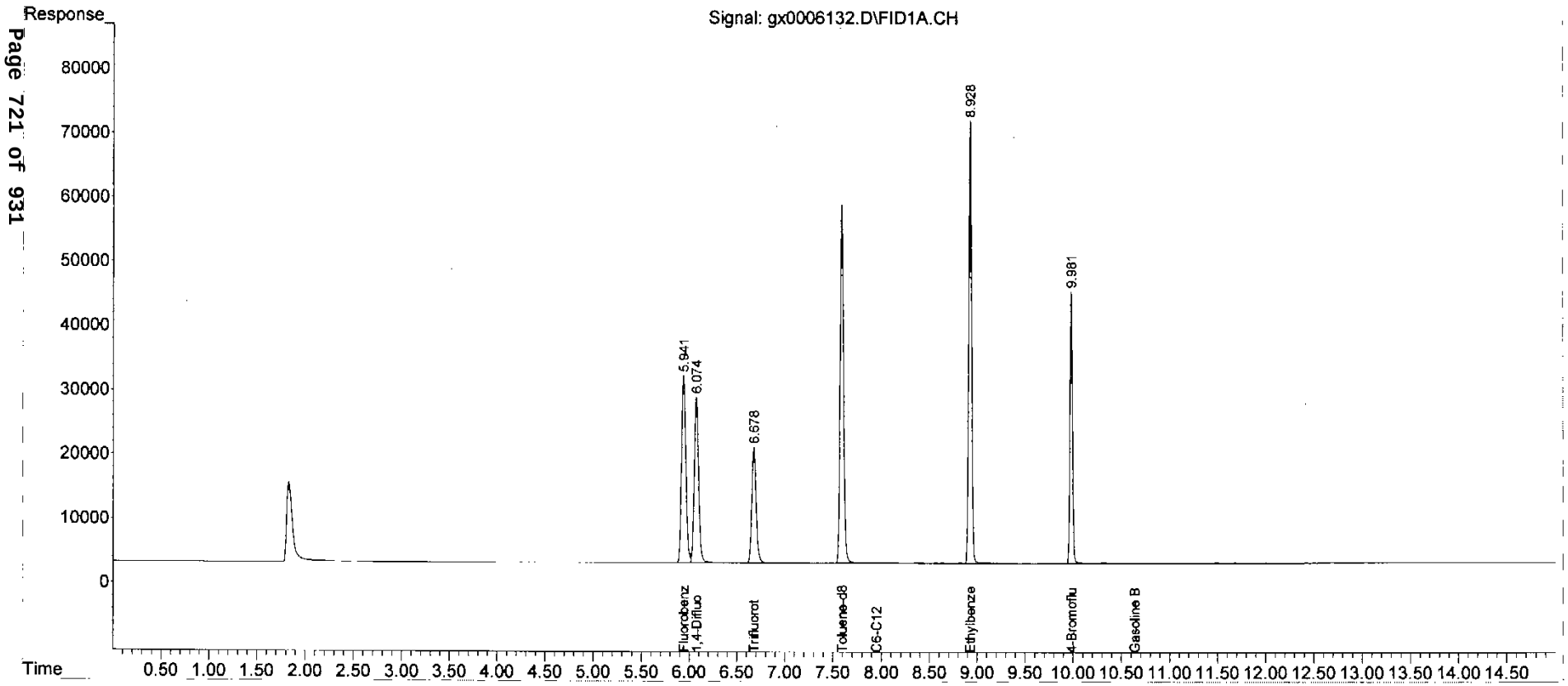
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006132.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 7:49 am
Operator : frz
Sample : 580-5404-A-18-A
Misc : BT=Sea041040407n
ALS Vial : 62 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:50 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



INITIAL CALIBRATION

Sequence Log

Directory : q:\2\data\03162007

1
3/22/2007

#	Filename	Sample Name	Date/Time
1	gx0005707.d	rinse/tune	03/16/07 10:13
2	gx0005708.d	rinse/tune	03/16/07 10:36
3	gx0005709.d	btex ical 0.2	03/16/07 10:58
4	gx0005710.d	btex ical 0.5	03/16/07 11:21
5	gx0005711.d	btex ical 1	03/16/07 11:43
6	gx0005712.d	btex ical 5	03/16/07 12:06
7	gx0005713.d	btex ical 10	03/16/07 12:28
8	gx0005714.d	btex ical 25	03/16/07 12:50
9	gx0005715.d	btex ical 50	03/16/07 13:13
10	gx0005716.d	btex ical 75	03/16/07 13:35
11	gx0005717.d	btex ical 100	03/16/07 13:58
12	gx0005718.d	btex ical 200	03/16/07 14:20
13	gx0005719.d	rinse	03/16/07 14:43
14	gx0005720.d	rinse/tune	03/16/07 15:05
15	gx0005721.d	btex icv 25	03/16/07 15:27
16	gx0005722.d	rt std	03/16/07 15:50
17	gx0005723.d	rinse/tune	03/16/07 16:12
18	gx0005724.d	rinse/tune	03/16/07 16:35
19	gx0005725.d	gro ical 50	03/16/07 16:57
20	gx0005726.d	gro ical 100	03/16/07 17:20
21	gx0005727.d	gro ical 250	03/16/07 17:42
22	gx0005728.d	gro ical 500	03/16/07 18:04
23	gx0005729.d	gro ical 1000	03/16/07 18:27
24	gx0005730.d	gro ical 5000	03/16/07 18:49
25	gx0005731.d	gro ical 10000	03/16/07 19:11
26	gx0005732.d	gro ical 15000	03/16/07 19:34
27	gx0005733.d	gro ical 25000	03/16/07 19:56
28	gx0005734.d	rinse/tune	03/16/07 20:19
29	gx0005735.d	gro icv 1100	03/16/07 20:41
30	gx0005736.d	rinse/tune	03/16/07 21:03

Data Path : E:\2\data\03162007\
Data File : GX0005722.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 3:50 pm
Operator : frz
Sample : rt std
Misc : 1369-55-11
ALS Vial : 16 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:37:43 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

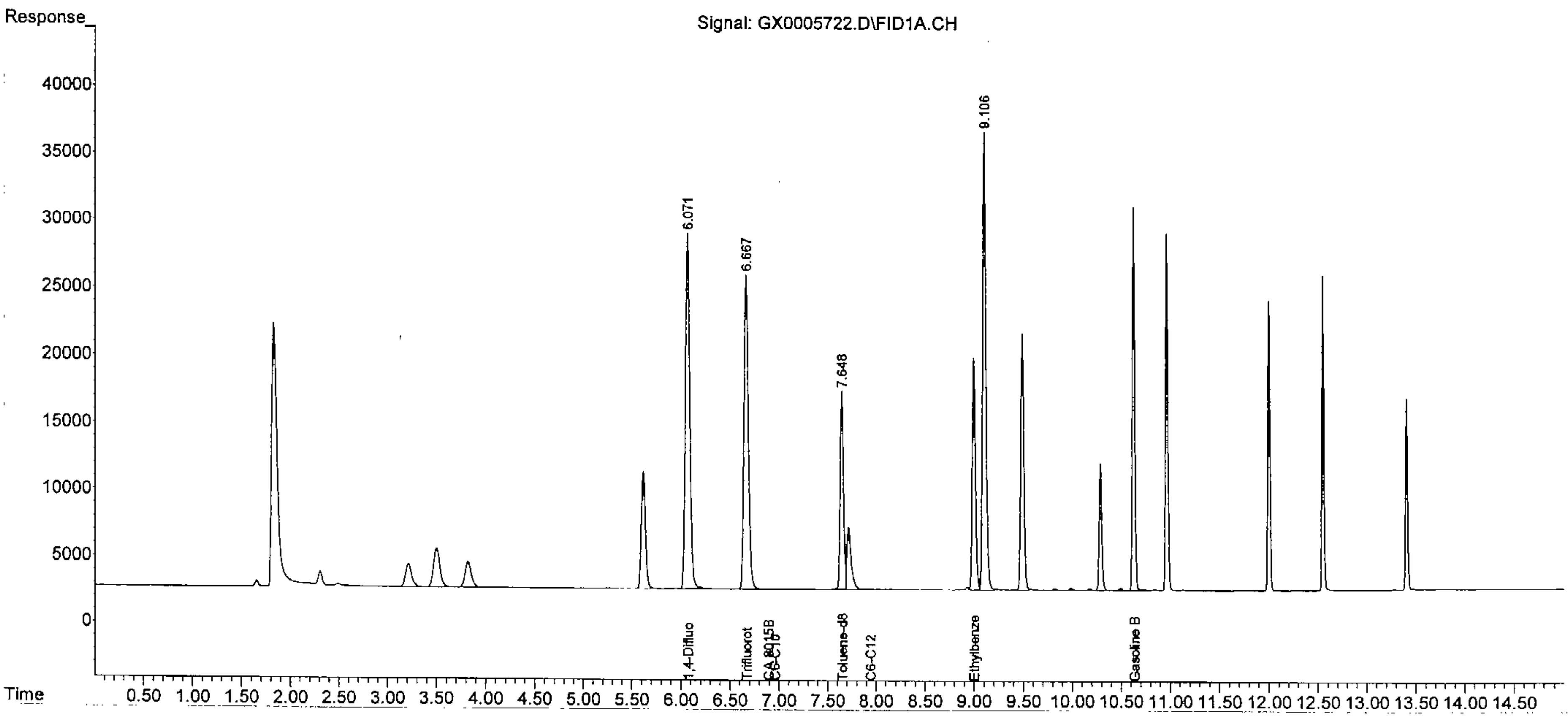
	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.073	821642	85.031 ug/L
Spiked Amount	100.000		Recovery =	85.03%
3) S	Trifluorotoluene (Surr)	6.668	728950	90.839 ug/L
Spiked Amount	100.000 Range 69 - 120		Recovery =	90.84%
4) S	Toluene-d8 (Surr)	7.650f	352565	27.577 ug/L
Spiked Amount	100.000		Recovery =	27.58%
5) S	Ethylbenzene-d10 (Surr)	9.001f	385218	26.833 ug/L
Spiked Amount	100.000		Recovery =	26.83%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	3453570	736.006 ug/L
8) H	C6-C10	6.960	1809344	322.040 ug/L
9) H	C6-C12	7.950	3283937	421.420 ug/L
10) H	CA 8015B	6.900	2708550	383.031 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005722.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 3:50 pm
Operator : frz
Sample : rt std
Misc : 1369-55-11
ALS Vial : 16 Sample Multiplier: 1

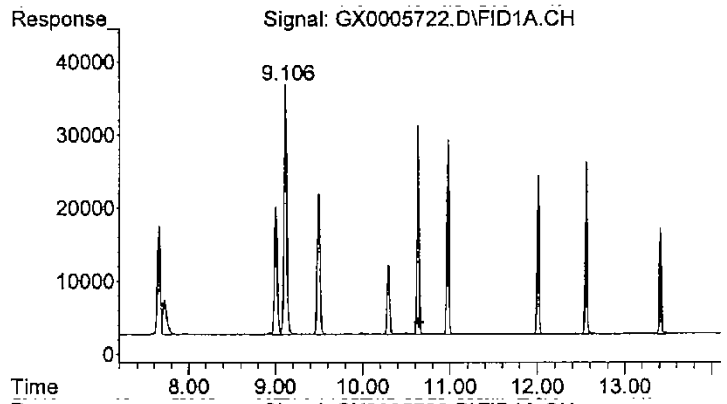
Integration File: events.e
Quant Time: Mar 22 12:37:43 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



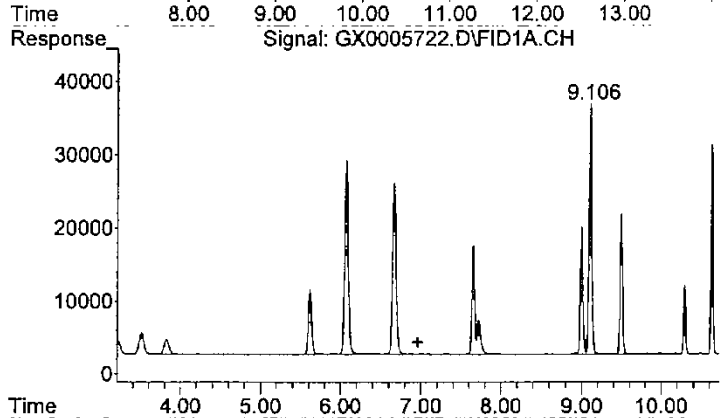
GAS_03162007.M Thu Mar 22 12:41:42 2007

004878



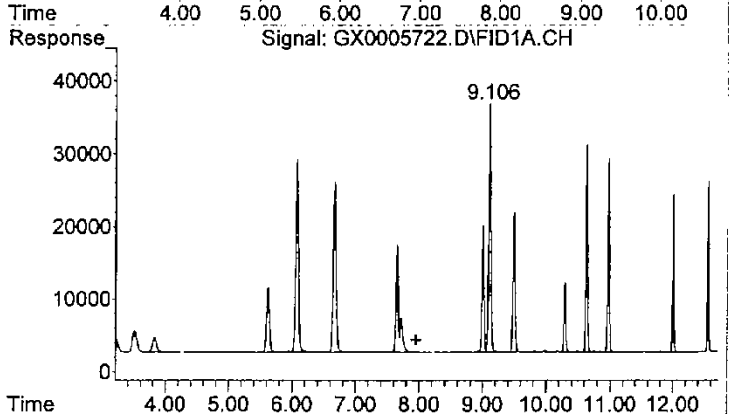
#7 Gasoline By NWTPH-G

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 3453570
Conc: 736.01 ug/L m



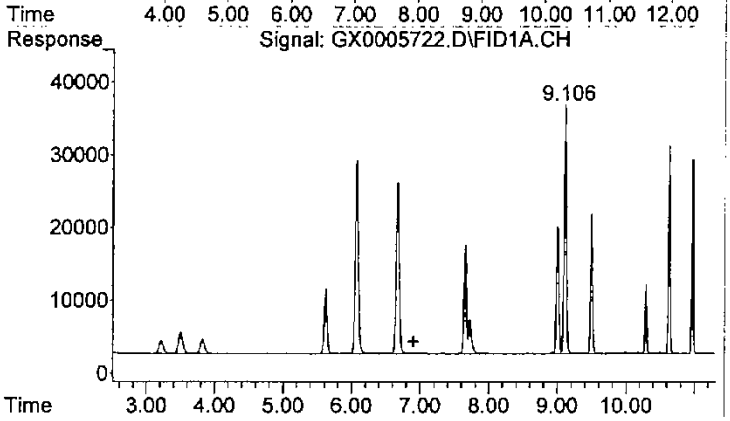
#8 C6-C10

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 1809344
Conc: 322.04 ug/L m



#9 C6-C12

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 3283937
Conc: 421.42 ug/L m



#10 CA 8015B

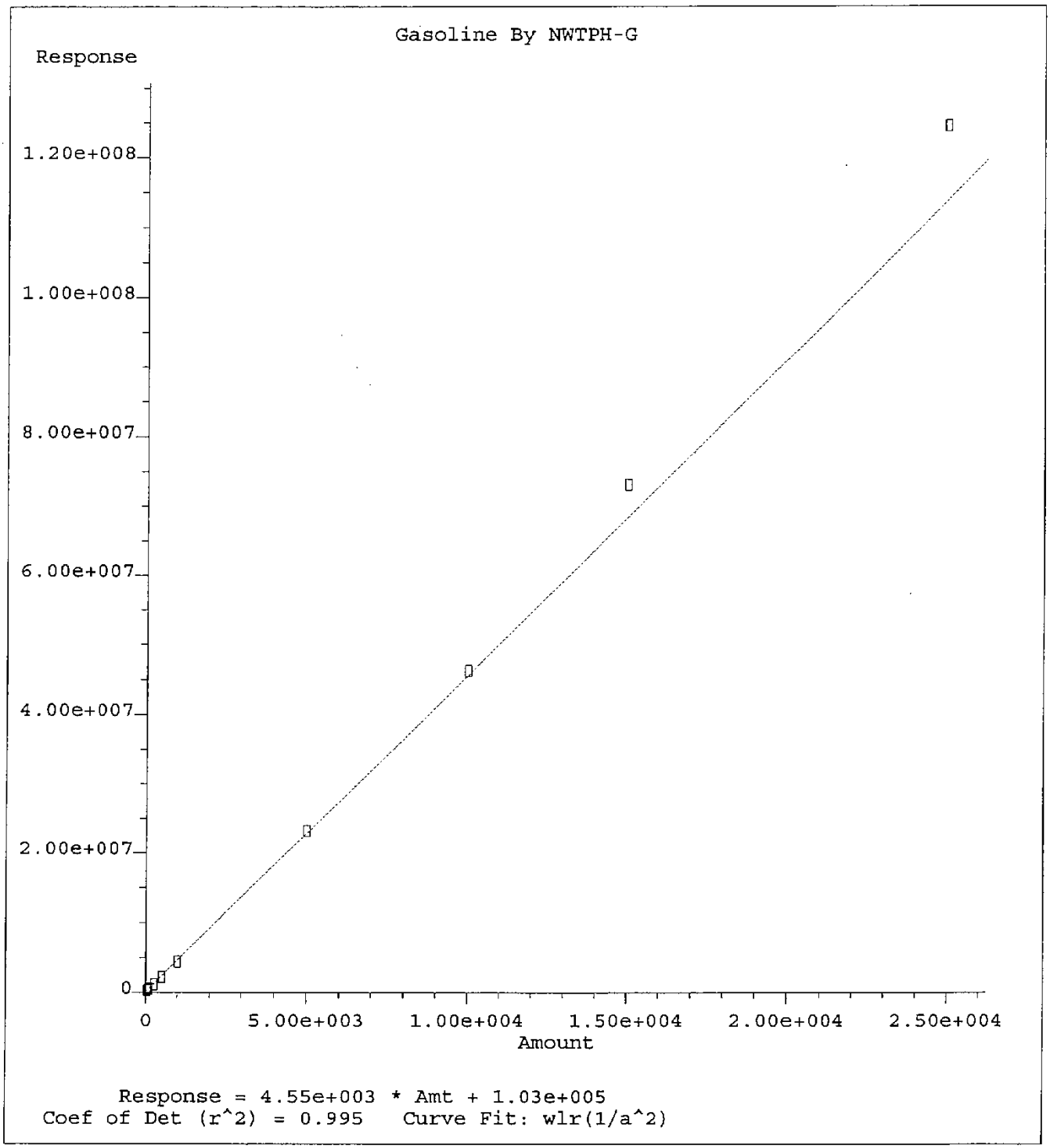
R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 2708550
Conc: 383.03 ug/L m

Method Path : E:\2\Methods\
Method File : GAS_03162007.M
Title : SEA041: GRO by 8015 Modified 03-01-2007
Last Update : Wed Mar 21 17:24:41 2007
Response Via : Initial Calibration

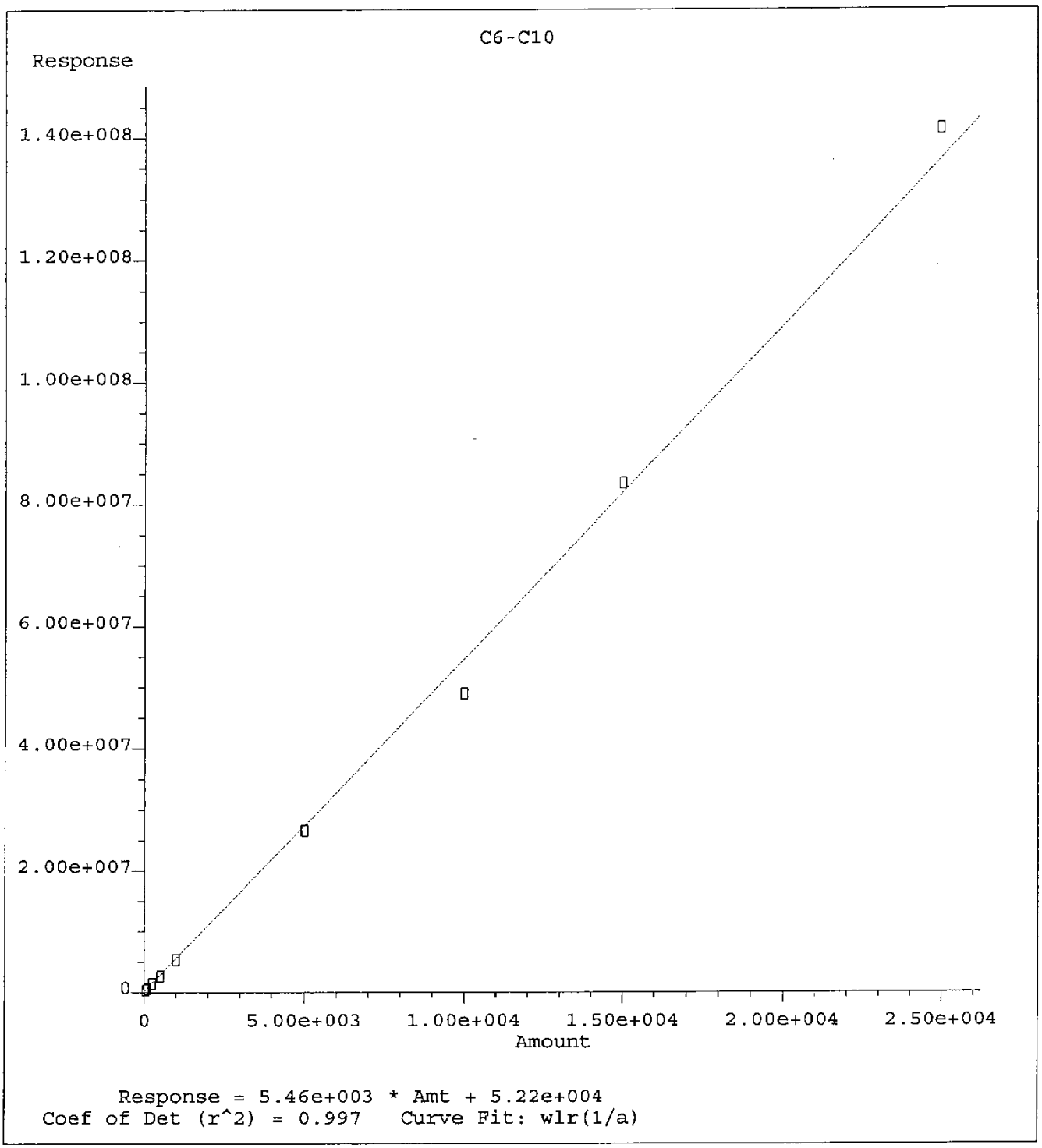
Calibration Files
ccc =GX0005735.D 50 =GX0005725.D 100 =GX0005726.D
250 =GX0005727.D 500 =GX0005728.D 1000 =GX0005729.D

		Compound	ccc	50	100	250	500	1000	Avg		%RSD
1)	S	1,4-Difluorob...		0.824	0.803	0.876	0.852	0.871	0.966	E4	22.64
2)	S	Fluorobenzene...		0.939	0.913	0.993	0.967	0.972	1.003	E4	9.69
3)	S	Trifluorotolu...		7.550	7.294	7.397	7.640	7.813	8.025	E3	10.59
4)	S	Toluene-d8 (S...		1.307	1.262	1.324	1.300	1.244	1.278	E4	2.64
5)	S	Ethylbenzene-...		1.475	1.405	1.450	1.410	1.395	1.436	E4	2.17
6)	S	4-Bromofluoro...		7.968	7.627	7.795	7.679	7.584	7.919	E3	4.55
7)	H	Gasoline By N...		6.785	5.428	4.653	4.406	4.422	4.979	E3	14.99
8)	H	C6-C10		7.005	6.288	5.584	5.350	5.386	5.673	E3	10.94
9)	H	C6-C12		9.566	8.612	7.705	7.440	7.496	7.894	E3	9.57
10)	H	CA 8015B		9.011	8.102	7.262	6.975	7.014	7.256	E3	11.20

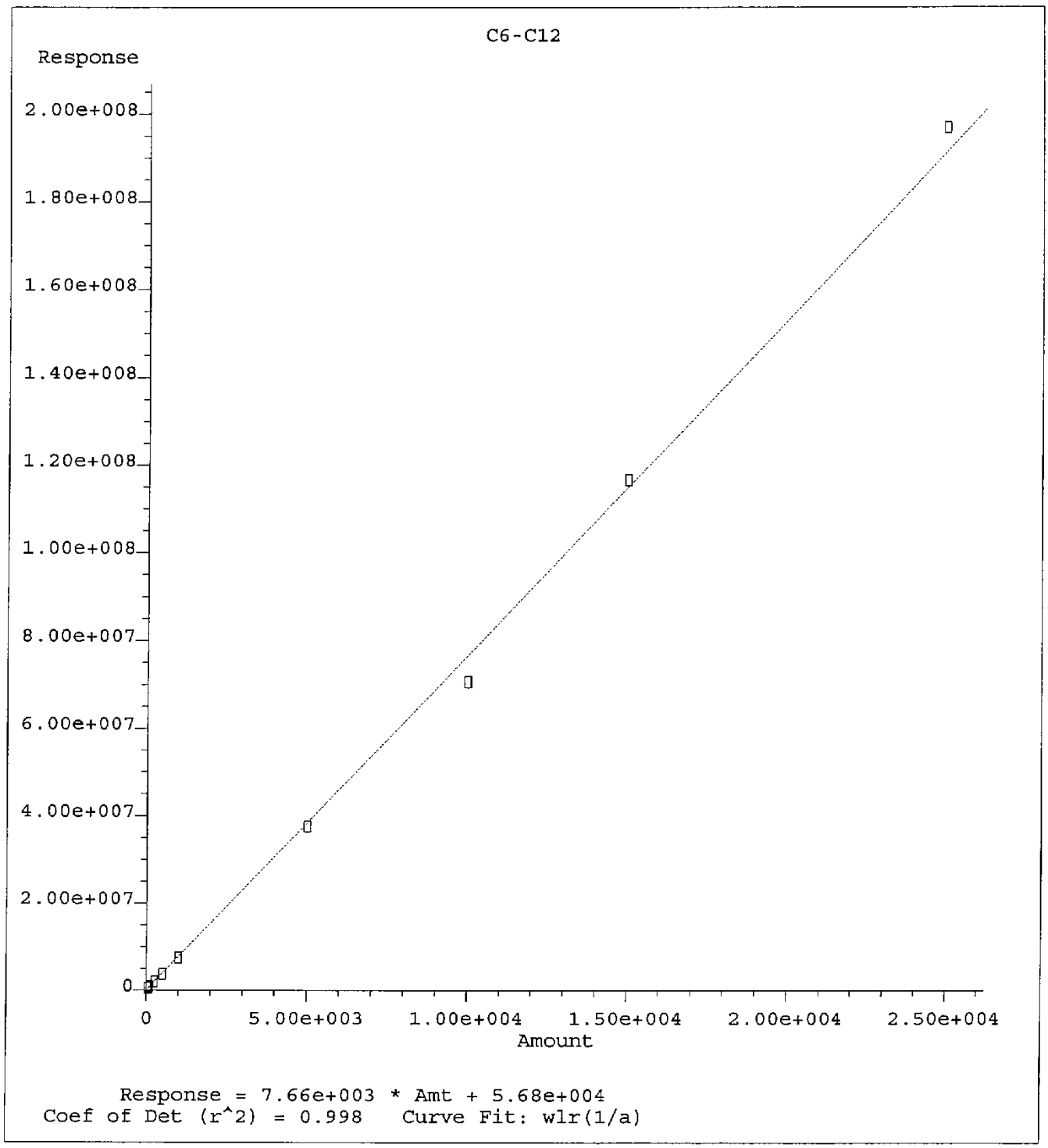
(#) = Out of Range ### Number of calibration levels exceeded format ###



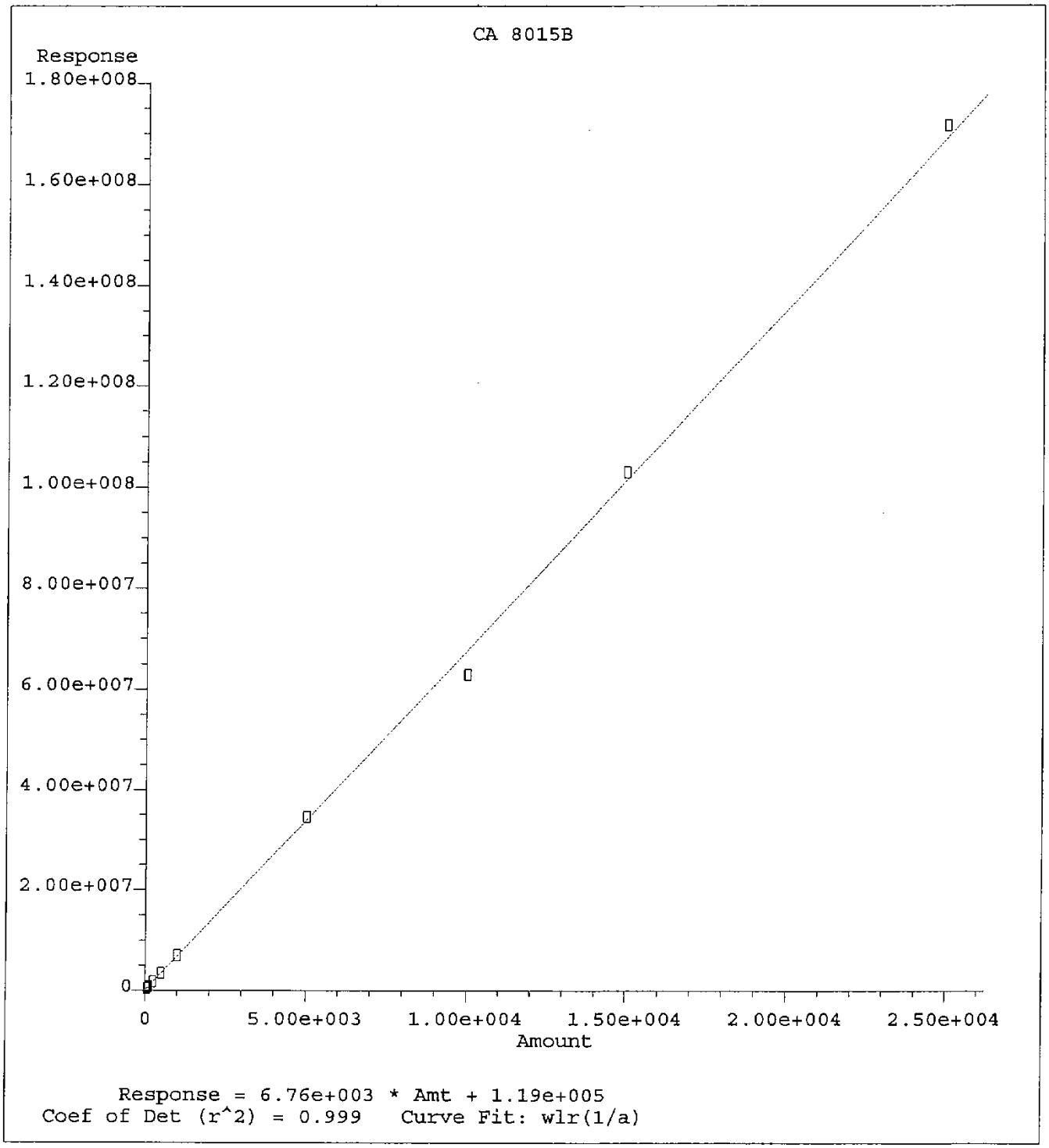
Method Name: E:\2\Methods\GAS_03162007.M
Calibration Table Last Updated: Wed Mar 21 17:24:41 2007



Method Name: E:\2\Methods\GAS_03162007.M
Calibration Table Last Updated: Wed Mar 21 17:24:41 2007



Method Name: E:\2\Methods\GAS_03162007.M
Calibration Table Last Updated: Wed Mar 21 17:24:41 2007



Method Name: E:\2\Methods\GAS_03162007.M
Calibration Table Last Updated: Wed Mar 21 17:24:41 2007

Data Path : E:\2\data\03162007\
Data File : GX0005725.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 4:57 pm
Operator : frz
Sample : gro ical 50
Misc : 1369-56-12
ALS Vial : 19 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:09 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

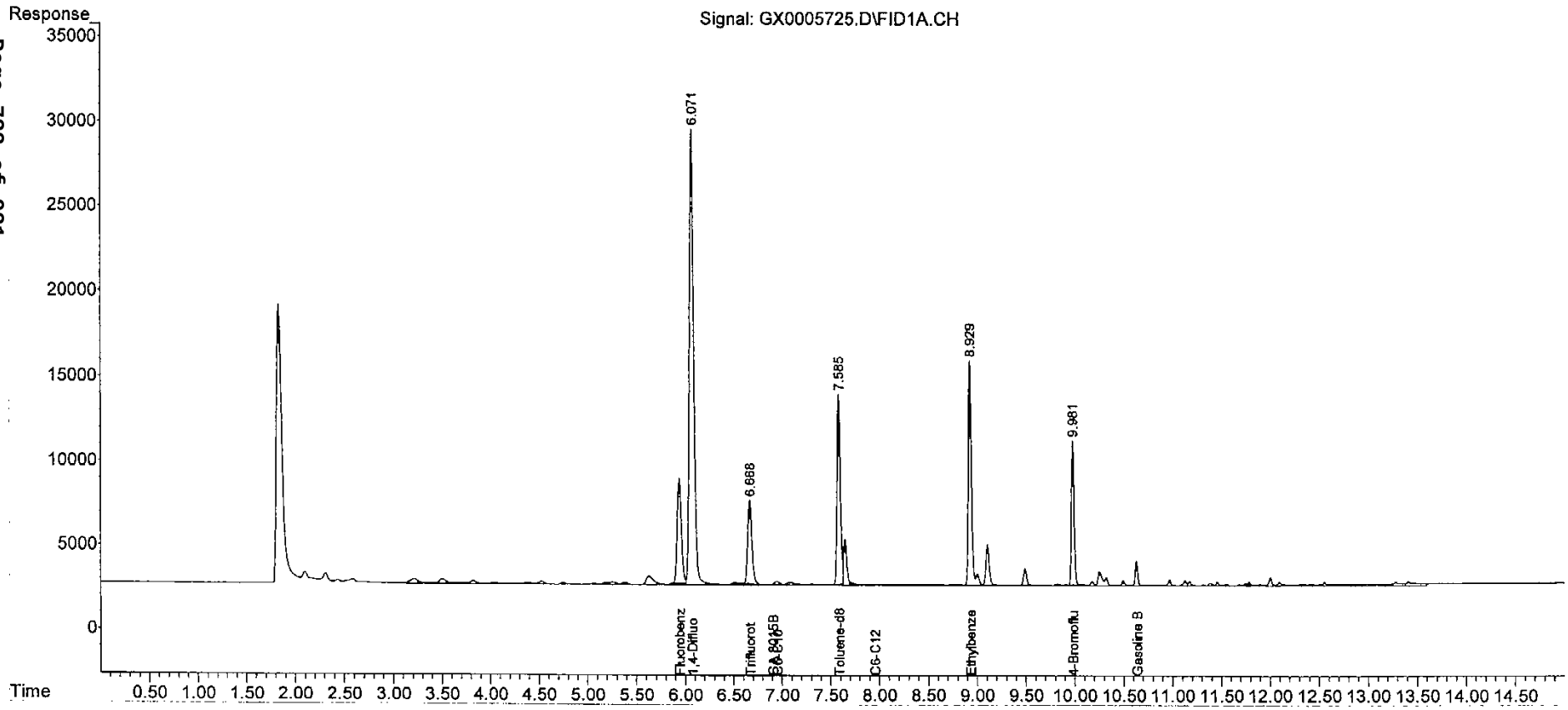
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.073	823679	85.242 ug/L
Spiked Amount 100.000		Recovery =	85.24%
2) S Fluorobenzene (Surr)	5.939	187779	18.720 ug/L
Spiked Amount 100.000		Recovery =	18.72%
3) S Trifluorotoluene (Surr)	6.669	151010	18.818 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	18.82%#
4) S Toluene-d8 (Surr)	7.586	261408	20.447 ug/L
Spiked Amount 100.000		Recovery =	20.45%
5) S Ethylbenzene-d10 (Surr)	8.931	294919	20.543 ug/L
Spiked Amount 100.000		Recovery =	20.54%
6) S 4-Bromofluorobenzene ...	9.983	159366	20.126 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	20.13%#
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	339236	51.987 ug/L
8) H C6-C10	6.960	350258	54.619 ug/L
9) H C6-C12	7.950	478311	55.038 ug/L
10) H CA 8015B	6.900	450527	48.985 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005725.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 4:57 pm
Operator : frz
Sample : gro ical 50
Misc : 1369-56-12
ALS Vial : 19 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:09 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Data Path : E:\2\data\03162007\
Data File : GX0005726.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 5:20 pm
Operator : frz
Sample : gro ical 100
Misc : 1369-56-13
ALS Vial : 20 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:19 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

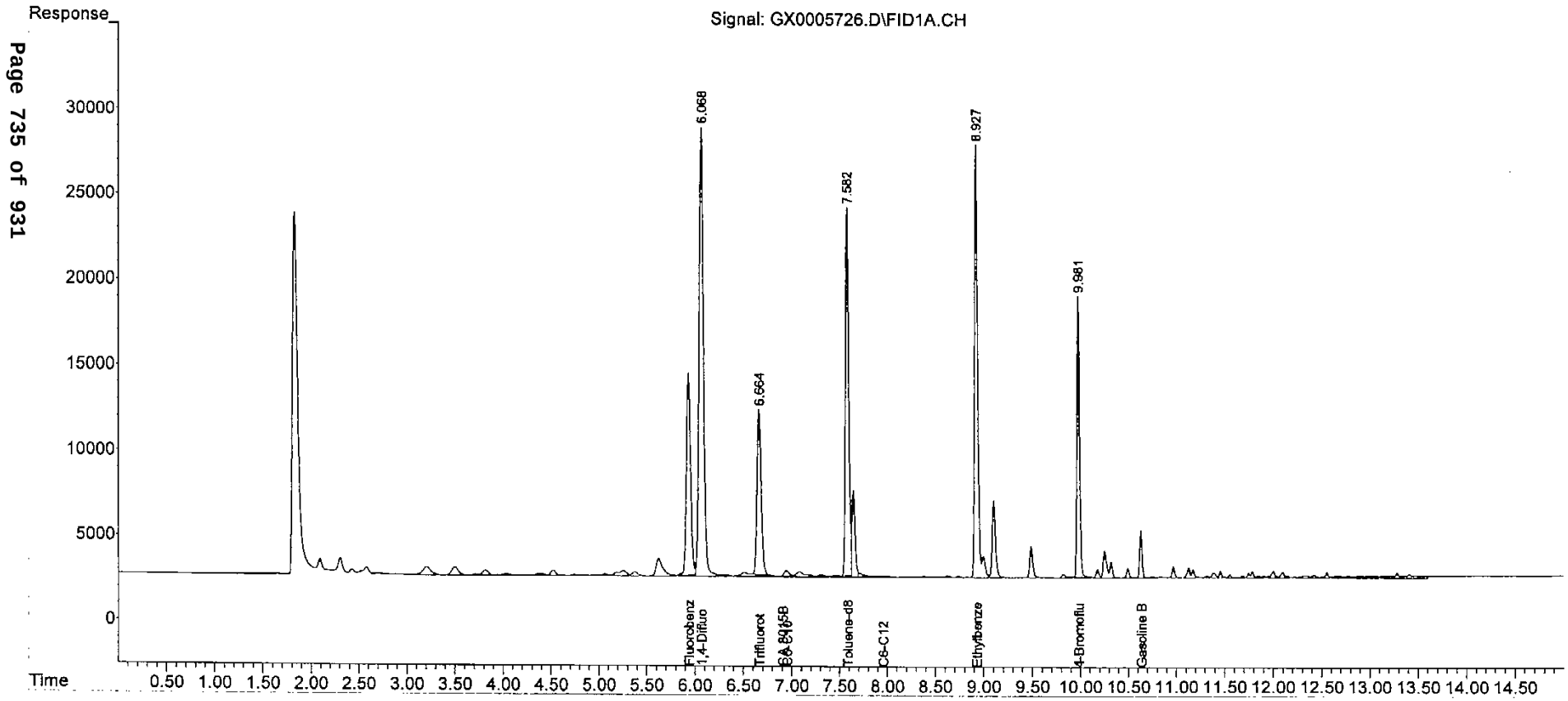
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.070	802501	83.050 ug/L
Spiked Amount 100.000		Recovery =	83.05%
2) S Fluorobenzene (Surr)	5.937	365196	36.408 ug/L
Spiked Amount 100.000		Recovery =	36.41%
3) S Trifluorotoluene (Surr)	6.666	291748	36.357 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	36.36%#
4) S Toluene-d8 (Surr)	7.584	504900	39.492 ug/L
Spiked Amount 100.000		Recovery =	39.49%
5) S Ethylbenzene-d10 (Surr)	8.929	561898	39.140 ug/L
Spiked Amount 100.000		Recovery =	39.14%
6) S 4-Bromofluorobenzene ...	9.982	305071	38.526 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	38.53%#
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	542835	96.705 ug/L
8) H C6-C10	6.960	628751	105.661 ug/L
9) H C6-C12	7.950	861248	105.045 ug/L
10) H CA 8015B	6.900	810234	102.200 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005726.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 5:20 pm
Operator : frz
Sample : gro ical 100
Misc : 1369-56-13
ALS Vial : 20 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:19 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03162007\
Data File : GX0005727.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 5:42 pm
Operator : frz
Sample : gro ical 250
Misc : 1369-56-14
ALS Vial : 21 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:29 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

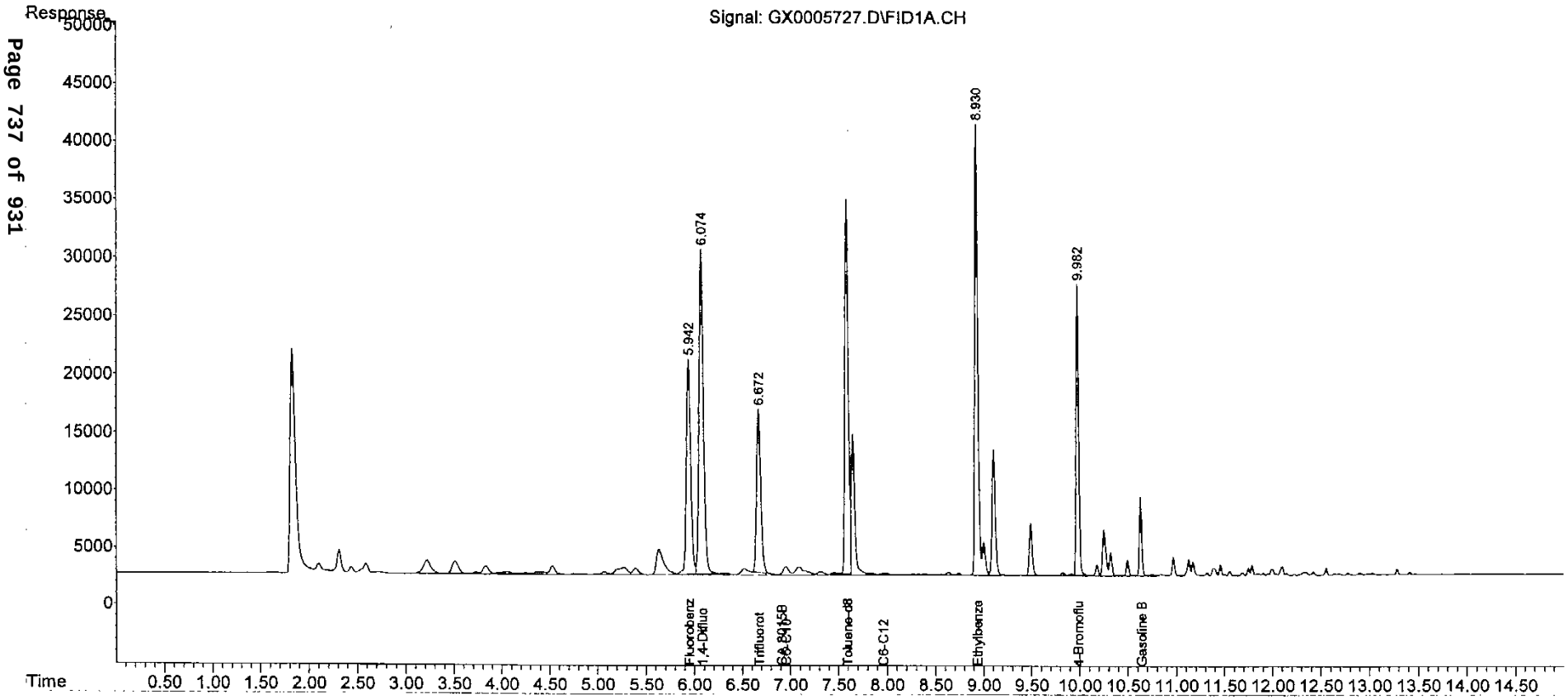
	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.076	875928	90.649 ug/L
Spiked Amount	100.000		Recovery =	90.65%
2) S	Fluorobenzene (Surr)	5.943	595655	59.383 ug/L
Spiked Amount	100.000		Recovery =	59.38%
3) S	Trifluorotoluene (Surr)	6.674	443843	55.310 ug/L
Spiked Amount	100.000 Range 69 - 120		Recovery =	55.31%#
4) S	Toluene-d8 (Surr)	7.590	794576	62.150 ug/L
Spiked Amount	100.000		Recovery =	62.15%
5) S	Ethylbenzene-d10 (Surr)	8.932	870243	60.618 ug/L
Spiked Amount	100.000		Recovery =	60.62%
6) S	4-Bromofluorobenzene ...	9.984	467684	59.062 ug/L
Spiked Amount	100.000 Range 70 - 120		Recovery =	59.06%#
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	1163362	232.995 ug/L
8) H	C6-C10	6.960	1395951	246.273 ug/L
9) H	C6-C12	7.950	1926152	244.109 ug/L
10) H	CA 8015B	6.900	1815602	250.931 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005727.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 5:42 pm
Operator : frz
Sample : gro ical 250
Misc : 1369-56-14
ALS Vial : 21 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:29 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Data Path : E:\2\data\03162007\
Data File : GX0005728.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 6:04 pm
Operator : frz
Sample : gro ical 500
Misc : 1369-56-15
ALS Vial : 22 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:40 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

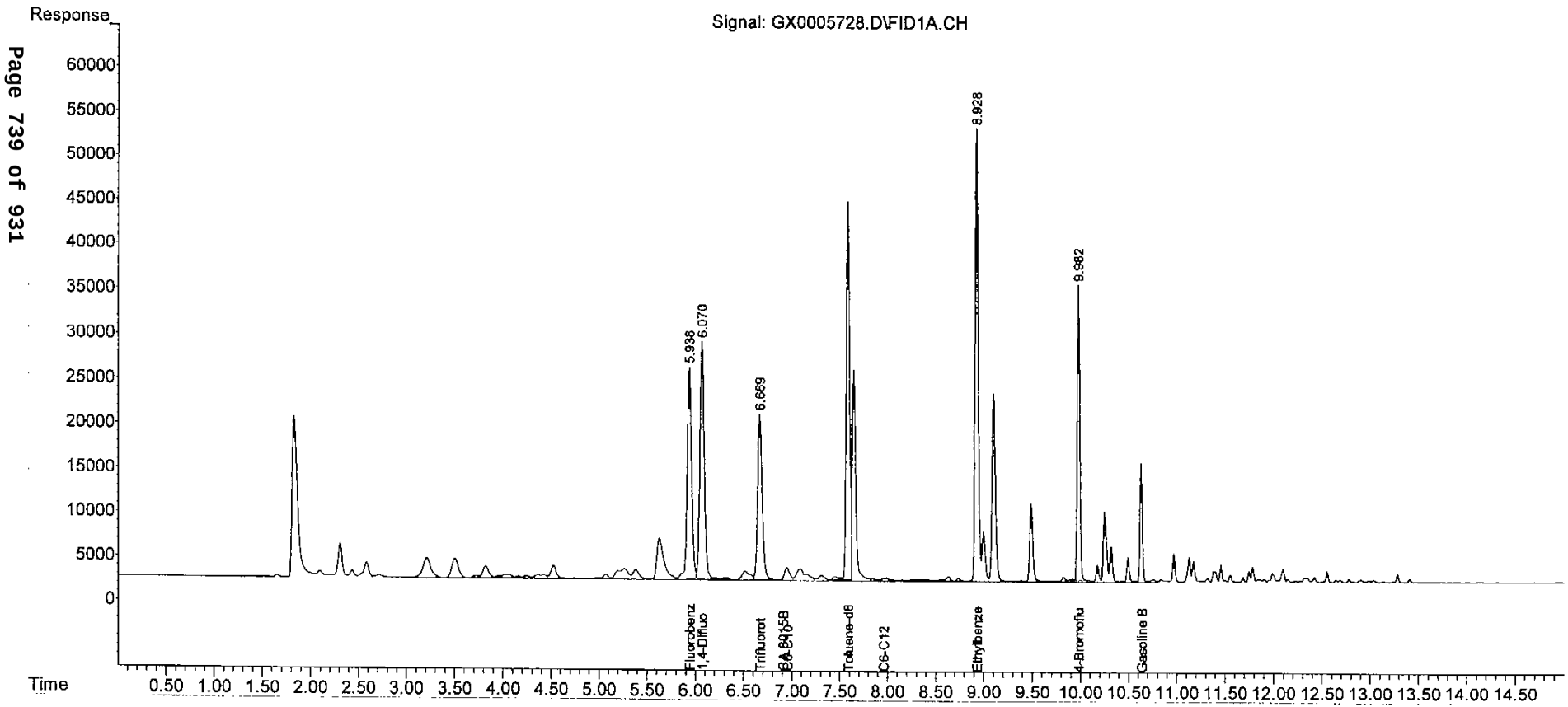
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.072	852192	88.193 ug/L
Spiked Amount 100.000		Recovery =	88.19%
2) S Fluorobenzene (Surr)	5.940	773998	77.163 ug/L
Spiked Amount 100.000		Recovery =	77.16%
3) S Trifluorotoluene (Surr)	6.671	611200	76.166 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	76.17%
4) S Toluene-d8 (Surr)	7.588	1039774	81.329 ug/L
Spiked Amount 100.000		Recovery =	81.33%
5) S Ethylbenzene-d10 (Surr)	8.930	1128297	78.593 ug/L
Spiked Amount 100.000		Recovery =	78.59%
6) S 4-Bromofluorobenzene ...	9.983	614344	77.583 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	77.58%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	2203112	461.361 ug/L
8) H C6-C10	6.960	2674765	480.654 ug/L
9) H C6-C12	7.950	3719926	478.355 ug/L
10) H CA 8015B	6.900	3487279	498.235 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005728.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 6:04 pm
Operator : frz
Sample : gro ical 500
Misc : 1369-56-15
ALS Vial : 22 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:40 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Data Path : E:\2\data\03162007\
Data File : GX0005729.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 6:27 pm
Operator : frz
Sample : gro ical 1000
Misc : 1369-56-16
ALS Vial : 23 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:52 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.071	870806	90.119 ug/L
Spiked Amount 100.000		Recovery =	90.12%
2) S Fluorobenzene (Surr)	5.939	971938	96.897 ug/L
Spiked Amount 100.000		Recovery =	96.90%
3) S Trifluorotoluene (Surr)	6.673	781259	97.358 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	97.36%
4) S Toluene-d8 (Surr)	7.589	1243809	97.288 ug/L
Spiked Amount 100.000		Recovery =	97.29%
5) S Ethylbenzene-d10 (Surr)	8.930	1395442	97.201 ug/L
Spiked Amount 100.000		Recovery =	97.20%
6) S 4-Bromofluorobenzene ...	9.983	758410	95.776 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	95.78%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4422445	948.806 ug/L
8) H C6-C10	6.960	5386290	977.622 ug/L
9) H C6-C12	7.950	7495861	971.447 ug/L
10) H CA 8015B	6.900	7014407	1020.029 ug/L

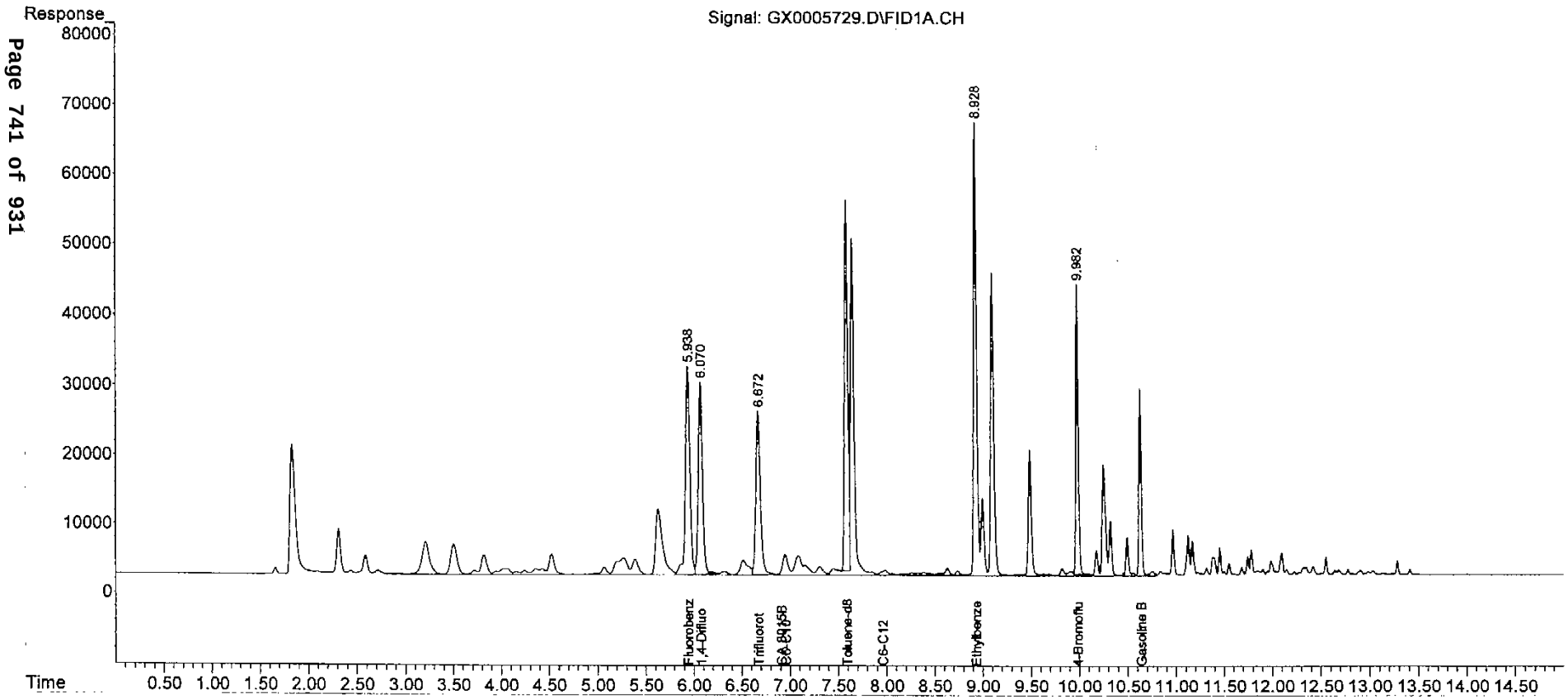
(f)=RT Delta > 1/2 Window (m)=manual int.

Integration Report (Not Reviewed)

Data Path : E:\2\data\03162007\
Data File : GX0005729.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 6:27 pm
Operator : frz
Sample : gro ical 1000
Misc : 1369-56-16
ALS Vial : 23 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:38:52 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03162007\
Data File : GX0005730.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 6:49 pm
Operator : frz
Sample : gro ical 5000
Misc : 1369-56-17
ALS Vial : 24 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:02 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

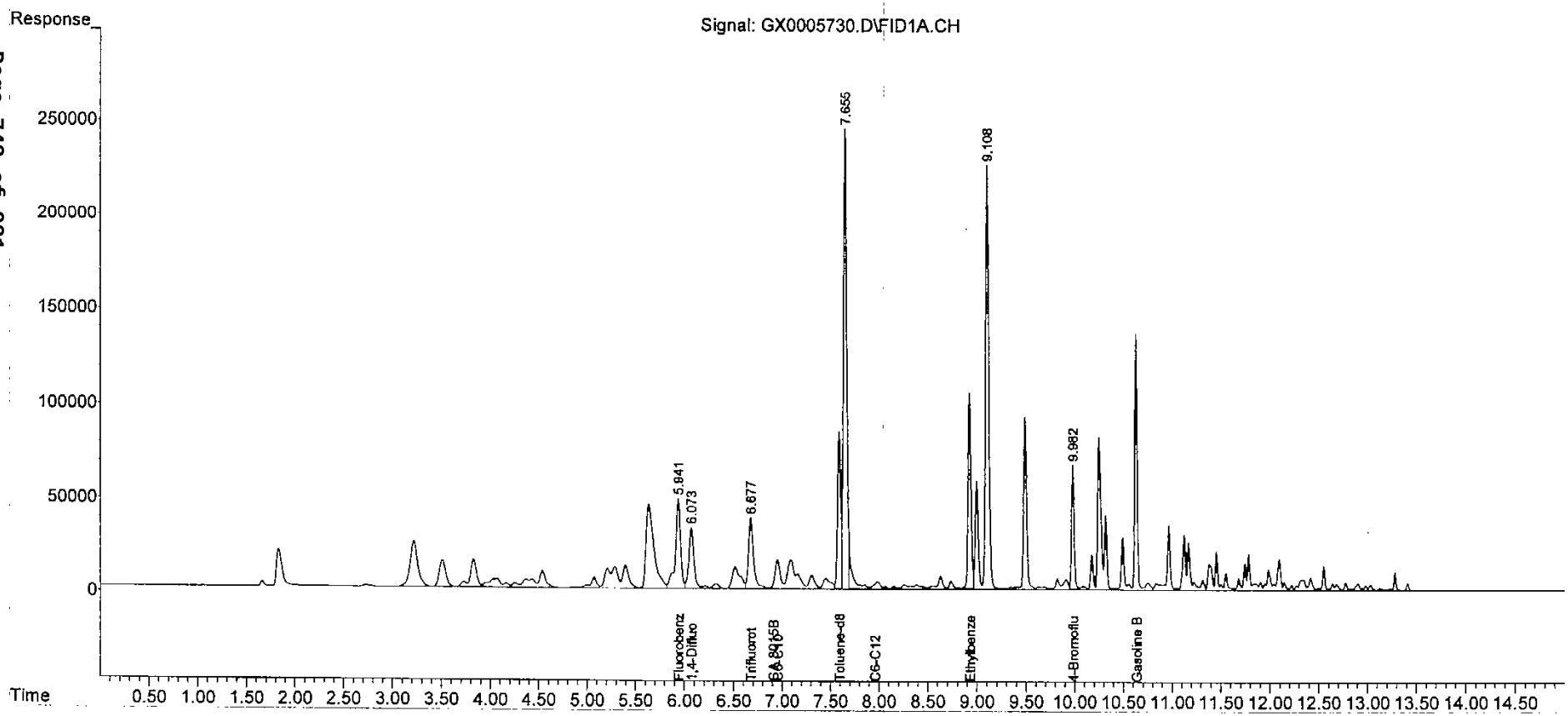
	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.074	1155575	119.590 ug/L
Spiked Amount	100.000		Recovery	= 119.59%
2) S	Fluorobenzene (Surr)	5.942	1809439	180.390 ug/L
Spiked Amount	100.000		Recovery	= 180.39%
3) S	Trifluorotoluene (Surr)	6.679	1365705	170.189 ug/L
Spiked Amount	100.000 Range 69 - 120		Recovery	= 170.19%#
4) S	Toluene-d8 (Surr)	7.594	1917571	149.989 ug/L
Spiked Amount	100.000		Recovery	= 149.99%
5) S	Ethylbenzene-d10 (Surr)	8.930	2185442	152.230 ug/L
Spiked Amount	100.000		Recovery	= 152.23%
6) S	4-Bromofluorobenzene ...	9.983	1231446	155.513 ug/L
Spiked Amount	100.000 Range 70 - 120		Recovery	= 155.51%#
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	23195467	5072.034 ug/L
8) H	C6-C10	6.960	26654839	4875.718 ug/L
9) H	C6-C12	7.950	37552480	4896.487 ug/L
10) H	CA 8015B	6.900	34558895	5094.890 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005730.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 6:49 pm
Operator : frz
Sample : gro ical 5000
Misc : 1369-56-17
ALS Vial : 24 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:02 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



968400

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03162007\
Data File : GX0005731.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 7:11 pm
Operator : frz
Sample : gro ical 10000
Misc : 1369-56-18
ALS Vial : 25 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:12 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

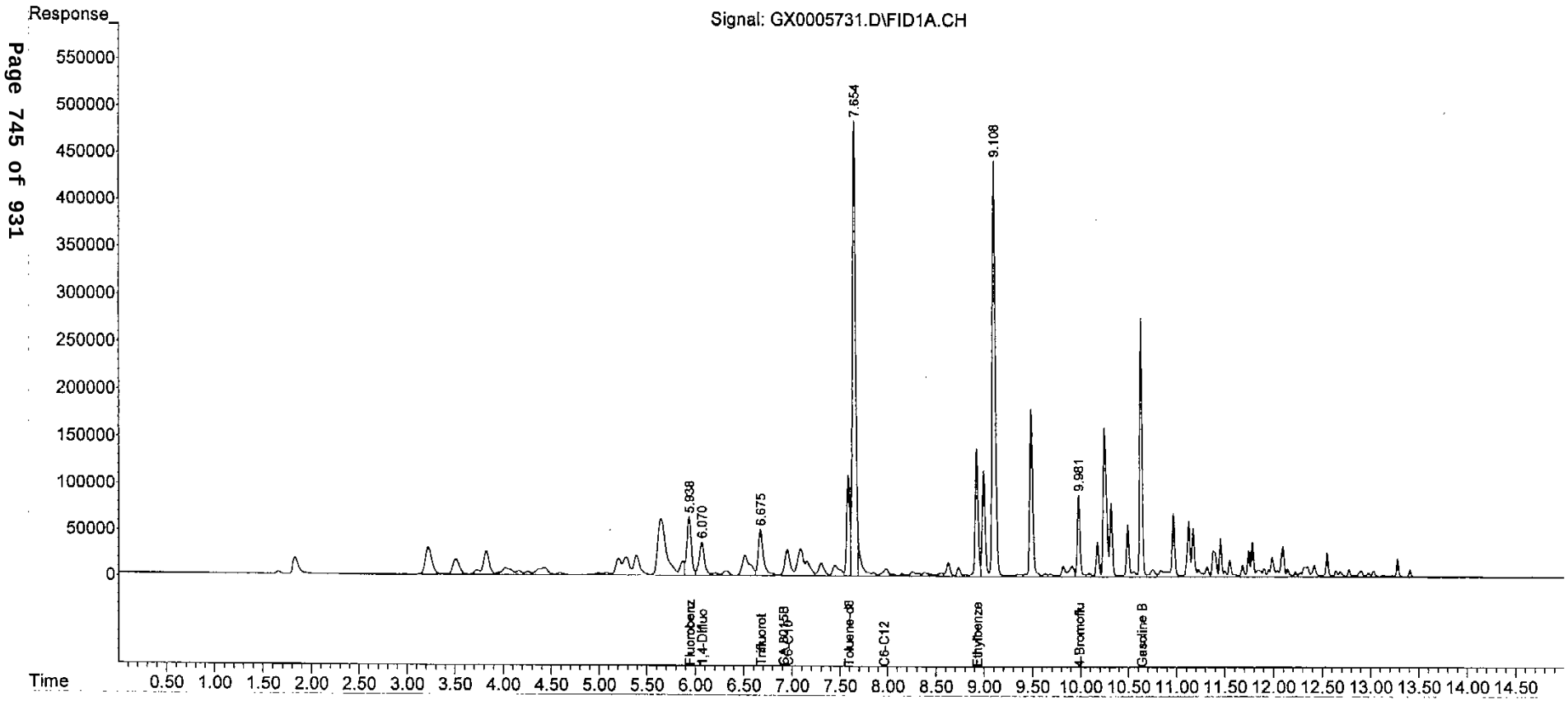
	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.072	1383295	143.156 ug/L
Spiked Amount	100.000		Recovery	= 143.16%
2) S	Fluorobenzene (Surr)	5.940	2062217	205.591 ug/L
Spiked Amount	100.000		Recovery	= 205.59%
3) S	Trifluorotoluene (Surr)	6.676	1874698	233.618 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery	= 233.62%#
4) S	Toluene-d8 (Surr)	7.592	2467700	193.019 ug/L
Spiked Amount	100.000		Recovery	= 193.02%
5) S	Ethylbenzene-d10 (Surr)	8.929	2913682	202.956 ug/L
Spiked Amount	100.000		Recovery	= 202.96%
6) S	4-Bromofluorobenzene ...	9.983	1713450	216.383 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery	= 216.38%#
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	46236834	10132.744 ug/L
8) H	C6-C10	6.960	48962129	8964.195 ug/L
9) H	C6-C12	7.950	70630741	9216.118 ug/L
10) H	CA 8015B	6.900	62930827	9292.160 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005731.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 7:11 pm
Operator : frz
Sample : gro ical 10000
Misc : 1369-56-18
ALS Vial : 25 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:12 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Data Path : E:\2\data\03162007\
Data File : GX0005732.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 7:34 pm
Operator : frz
Sample : gro ical 15000
Misc : 1369-56-19
ALS Vial : 26 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:23 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

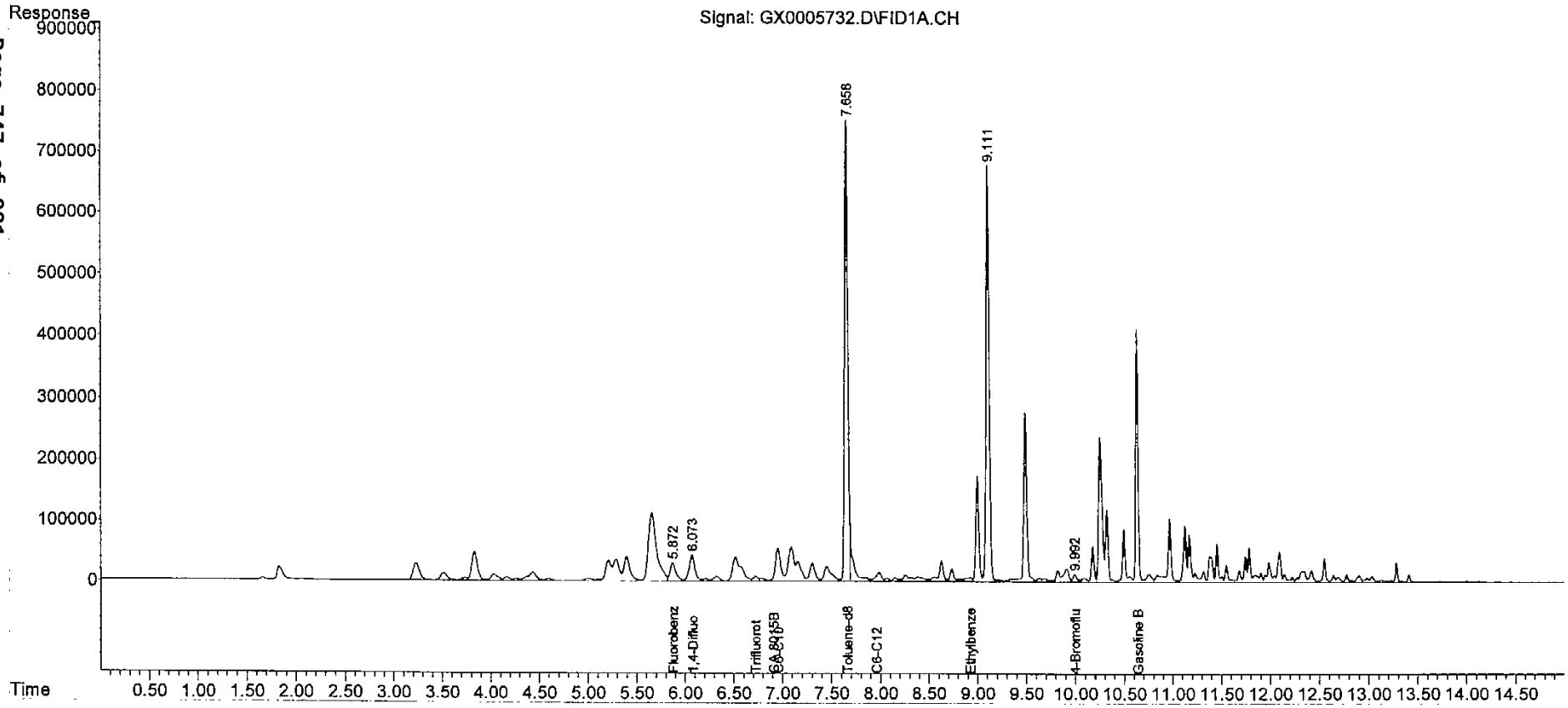
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.075	1790801	185.329 ug/L
Spiked Amount 100.000		Recovery	= 185.33%
2) S Fluorobenzene (Surr)	5.873f	1278544	127.463 ug/L
Spiked Amount 100.000		Recovery	= 127.46%
3) S Trifluorotoluene (Surr)	6.724f	291435	36.318 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery	= 36.32%#
4) S Toluene-d8 (Surr)	7.659f	18584488	1453.643 ug/L
Spiked Amount 100.000		Recovery	= 1453.64%
5) S Ethylbenzene-d10 (Surr)	8.925	320958	22.357 ug/L
Spiked Amount 100.000		Recovery	= 22.36%
6) S 4-Bromofluorobenzene ...	9.994	363008	45.843 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery	= 45.84%#
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	72427994	15885.261 ug/L
8) H C6-C10	6.960	60822617	11137.983 ug/L
9) H C6-C12	7.950	94000134	12267.885 ug/L
10) H CA 8015B	6.900	80450124	11883.920 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005732.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 7:34 pm
Operator : frz
Sample : gro ical 15000
Misc : 1369-56-19
ALS Vial : 26 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:23 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Data Path : E:\2\data\03162007\
Data File : GX0005733.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 7:56 pm
Operator : frz
Sample : gro ical 25000
Misc : 1369-56-20
ALS Vial : 27 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:34 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

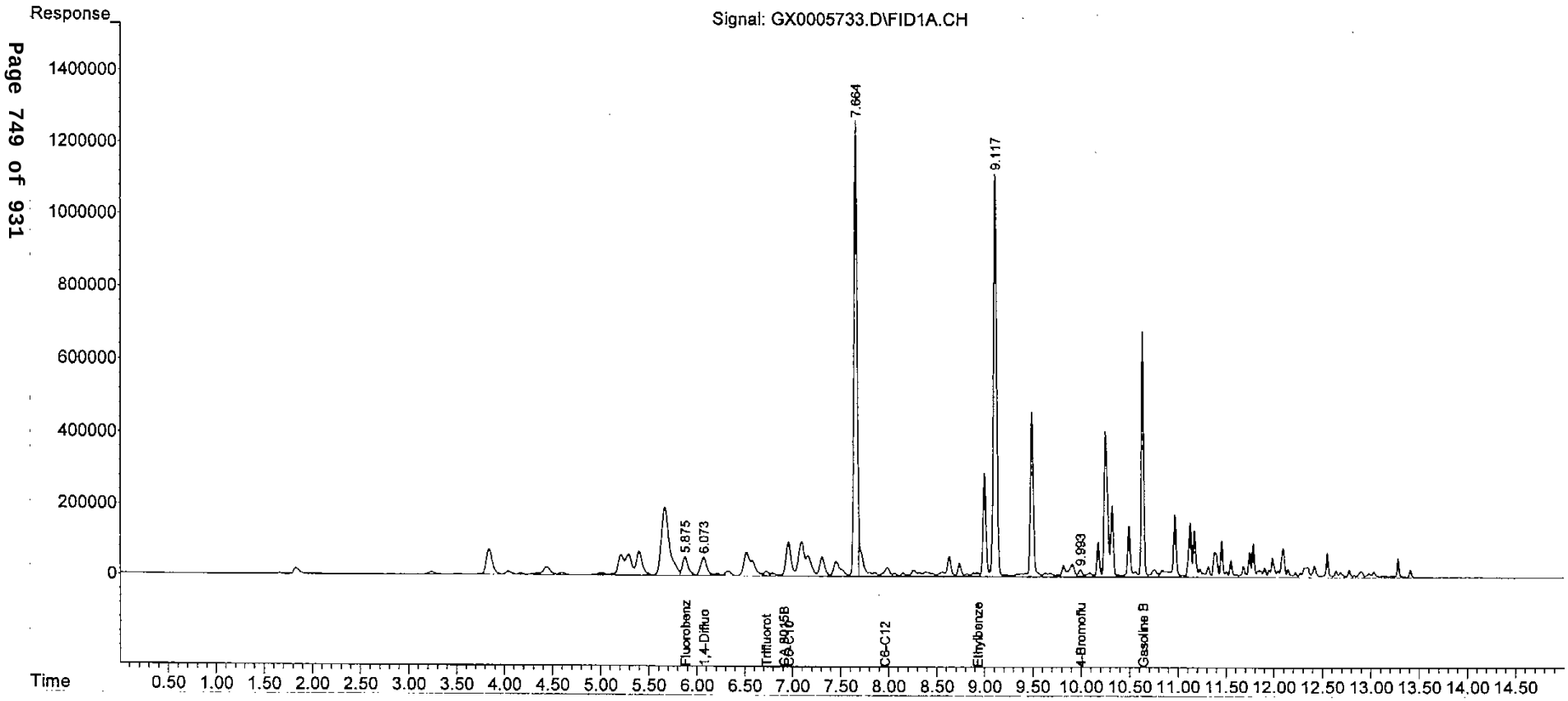
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	2437700	252.276 ug/L
Spiked Amount 100.000		Recovery =	252.28%
2) S Fluorobenzene (Surr)	5.877f	2301518	229.448 ug/L
Spiked Amount 100.000		Recovery =	229.45%
3) S Trifluorotoluene (Surr)	6.726f	501425	62.486 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	62.49%#
5) S Ethylbenzene-d10 (Surr)	8.927	559891	39.000 ug/L
Spiked Amount 100.000		Recovery =	39.00%
6) S 4-Bromofluorobenzene ...	9.995	614306	77.578 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	77.58%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	123337883	27066.896 ug/L
8) H C6-C10	6.960	135004791	24734.081 ug/L
9) H C6-C12	7.950	190523540	24872.703 ug/L
10) H CA 8015B	6.900	165134741	24411.945 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\03162007\
Data File : GX0005733.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 7:56 pm
Operator : frz
Sample : gro ical 25000
Misc : 1369-56-20
ALS Vial : 27 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:34 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03162007\
Data File : GX0005735.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 8:41 pm
Operator : frz
Sample : gro icv 1100
Misc : 1369-56-21
ALS Vial : 29 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:44 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.072	897535	92.885 ug/L
Spiked Amount	100.000		Recovery =	92.89%
2) S	Fluorobenzene (Surr)	5.940	1008039	100.496 ug/L
Spiked Amount	100.000		Recovery =	100.50%
3) S	Trifluorotoluene (Surr)	6.675	791962	98.691 ug/L
Spiked Amount	100.000 Range 69 - 120		Recovery =	98.69%
4) S	Toluene-d8 (Surr)	7.590	1261604	98.680 ug/L
Spiked Amount	100.000		Recovery =	98.68%
5) S	Ethylbenzene-d10 (Surr)	8.929	1403196	97.741 ug/L
Spiked Amount	100.000		Recovery =	97.74%
6) S	4-Bromofluorobenzene ...	9.983	781486	98.690 ug/L
Spiked Amount	100.000 Range 70 - 120		Recovery =	98.69%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	5860965	1264.756 ug/L
8) H	C6-C10	6.960	6724636	1222.914 ug/L
9) H	C6-C12	7.950	9517426	1235.440 ug/L
10) H	CA 8015B	6.900	8796228	1283.627 ug/L

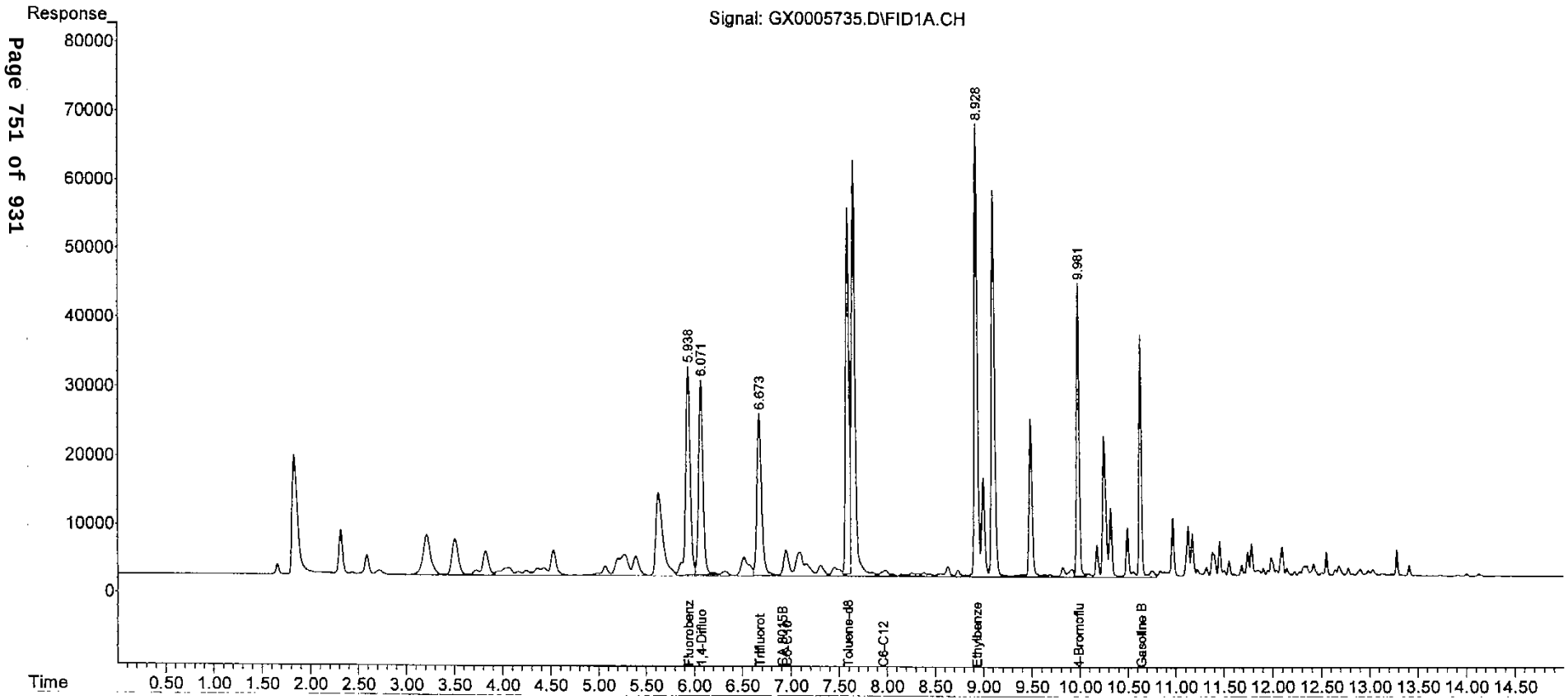
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03162007\
Data File : GX0005735.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 8:41 pm
Operator : frz
Sample : gro icv 1100
Misc : 1369-56-21
ALS Vial : 29 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:44 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Evaluate Continuing Calibration Report

Data Path : E:\2\data\03162007\
Data File : GX0005735.D
Signal(s) : FID1A.CH
Acq On : 16 Mar 2007 8:41 pm
Operator : frz
Sample : gro icv 1100
Misc : 1369-56-21
ALS Vial : 29 Sample Multiplier: 1

Integration File: events.e
Quant Time: Mar 22 12:39:44 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
1	S	1,4-Difluorobenzene (I)	100.000	92.885	7.1	0	0.00
2	S	Fluorobenzene (Surr)	100.000	100.496	-0.5	0	0.00
3	S	Trifluorotoluene (Surr)	100.000	98.691	1.3	0	0.00
4	S	Toluene-d8 (Surr)	100.000	98.680	1.3	0	0.00
5	S	Ethylbenzene-d10 (Surr)	100.000	97.741	2.3	0	0.00
6	S	4-Bromofluorobenzene (Surr)	100.000	98.690	1.3	0	0.00
7	H	Gasoline By NWTPH-G	1100.000	1264.756	-15.0	0	0.00
8	H	C6-C10	1100.000	1222.914	-11.2	0	0.00
9	H	C6-C12	1100.000	1235.440	-12.3	0	0.00
10	H	CA 8015B	1100.000	1283.627	-16.7#	0	0.00

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

CONTINUING CALIBRATION

Sequence Log

Directory : q:\2\data\04042007

#	Filename	Sample Name	Date/Time
1	gx0006071.d	rinse/tune	04/04/07 09:03
2	gx0006072.d	rt std	04/04/07 09:25
3	gx0006073.d	1100 gro ccal	04/04/07 09:48
4	gx0006074.d	25 ug/L Aromatics	04/04/07 10:10
5	gx0006075.d	lcs	04/04/07 10:33
6	gx0006076.d	lcsd	04/04/07 10:55
7	gx0006077.d	lcs	04/04/07 11:17
8	gx0006078.d	lcsd	04/04/07 11:40
9	gx0006079.d	IB EP lot:6215150	04/04/07 12:02
10	gx0006080.d	mb	04/04/07 12:25
11	gx0006081.d	580-5460-B-5	04/04/07 12:47
12	gx0006082.d	580-5459-B-9	04/04/07 13:10
13	gx0006083.d	580-5459-D-8	04/04/07 13:32
14	gx0006084.d	580-5459-C-7	04/04/07 13:54
15	gx0006085.d	580-5459-C-5	04/04/07 14:17
16	gx0006086.d	580-5459-C-4	04/04/07 14:39
17	gx0006087.d	580-5459-D-3	04/04/07 15:02
18	gx0006088.d	580-5459-D-2	04/04/07 15:24
19	gx0006089.d	580-5459-C-2 du	04/04/07 15:47
20	gx0006090.d	580-5459-B-1	04/04/07 16:09
21	gx0006091.d	580-5459-C-6	04/04/07 16:31
22	gx0006092.d	rinse/tune	04/04/07 16:54
23	gx0006093.d	1100 gro ccal	04/04/07 17:16
24	gx0006094.d	rinse/tune	04/04/07 17:38
25	gx0006095.d	580-5483-A-5	04/04/07 18:01
26	gx0006096.d	580-5460-A-4	04/04/07 18:23
27	gx0006097.d	580-5460-C-3	04/04/07 18:46
28	gx0006098.d	580-5460-C-2	04/04/07 19:08
29	gx0006099.d	580-5460-C-1	04/04/07 19:30
30	gx0006100.d	580-5460-D-1 du	04/04/07 19:53
31	gx0006101.d	rt std	04/04/07 20:15
32	gx0006102.d	1100 gro ccal	04/04/07 20:38
33	gx0006103.d	25 ug/L Aromatics	04/04/07 21:00
34	gx0006104.d	LCS 580-17278/2-AA	04/04/07 21:22
35	gx0006105.d	LCSD 580-17278/3-AA	04/04/07 21:45
36	gx0006106.d	LCS 580-17278/4-AA	04/04/07 22:07
37	gx0006107.d	LCSD 580-17278/5-AA	04/04/07 22:29
38	gx0006108.d	IB EP lot:6215150	04/04/07 22:52
39	gx0006109.d	MB 580-17278/1-AA	04/04/07 23:14
40	gx0006110.d	580-5483-C-1-L	04/04/07 23:36
41	gx0006111.d	580-5404-A-1-B	04/04/07 23:59
42	gx0006112.d	580-5404-A-3-A	04/05/07 00:21
43	gx0006113.d	580-5404-A-4-A	04/05/07 00:43
44	gx0006114.d	580-5404-C-5-B	04/05/07 01:06
45	gx0006115.d	580-5404-A-6-A	04/05/07 01:28
46	gx0006116.d	580-5404-A-7-A	04/05/07 01:51
47	gx0006117.d	580-5404-A-8-A	04/05/07 02:13
48	gx0006118.d	580-5404-A-9-A	04/05/07 02:35
49	gx0006119.d	580-5404-C-10-B	04/05/07 02:57

1
4/4/2007

Sequence Log

Directory : q:\2\data\04042007

#	Filename	Sample Name	Date/Time
50	gx0006120.d	580-5404-A-2-B	04/05/07 03:20
51	gx0006121.d	580-5404-A-2-C MS	04/05/07 03:42
52	gx0006122.d	580-5404-A-2-D MSD	04/05/07 04:05
53	gx0006123.d	rinse/tune	04/05/07 04:27
54	gx0006124.d	1100 gro ccal	04/05/07 04:49
55	gx0006125.d	rinse/tune	04/05/07 05:12
56	gx0006126.d	580-5404-A-11-A	04/05/07 05:34
57	gx0006127.d	580-5404-A-12-A	04/05/07 05:57
58	gx0006128.d	580-5404-A-13-F	04/05/07 06:19
59	gx0006129.d	580-5404-A-15-A	04/05/07 06:42
60	gx0006130.d	580-5404-A-16-A	04/05/07 07:04
61	gx0006131.d	580-5404-A-17-A	04/05/07 07:26
62	gx0006132.d	580-5404-A-18-A	04/05/07 07:49
63	gx0006133.d	580-5404-A-14-H	04/05/07 08:11
64	gx0006134.d	580-5404-A-14-J DU	04/05/07 08:34
65	gx0006135.d	580-5404-A-14-K MS	04/05/07 08:56
66	gx0006136.d	rinse/tune	04/05/07 09:18
67	gx0006137.d	1100 gro ccal	04/05/07 09:41
68	gx0006138.d	rinse/tune	04/05/07 10:03

4/5/2007

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006101.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 8:15 pm
Operator : frz
Sample : rt std
Misc : 1369-58-11
ALS Vial : 31 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:15 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

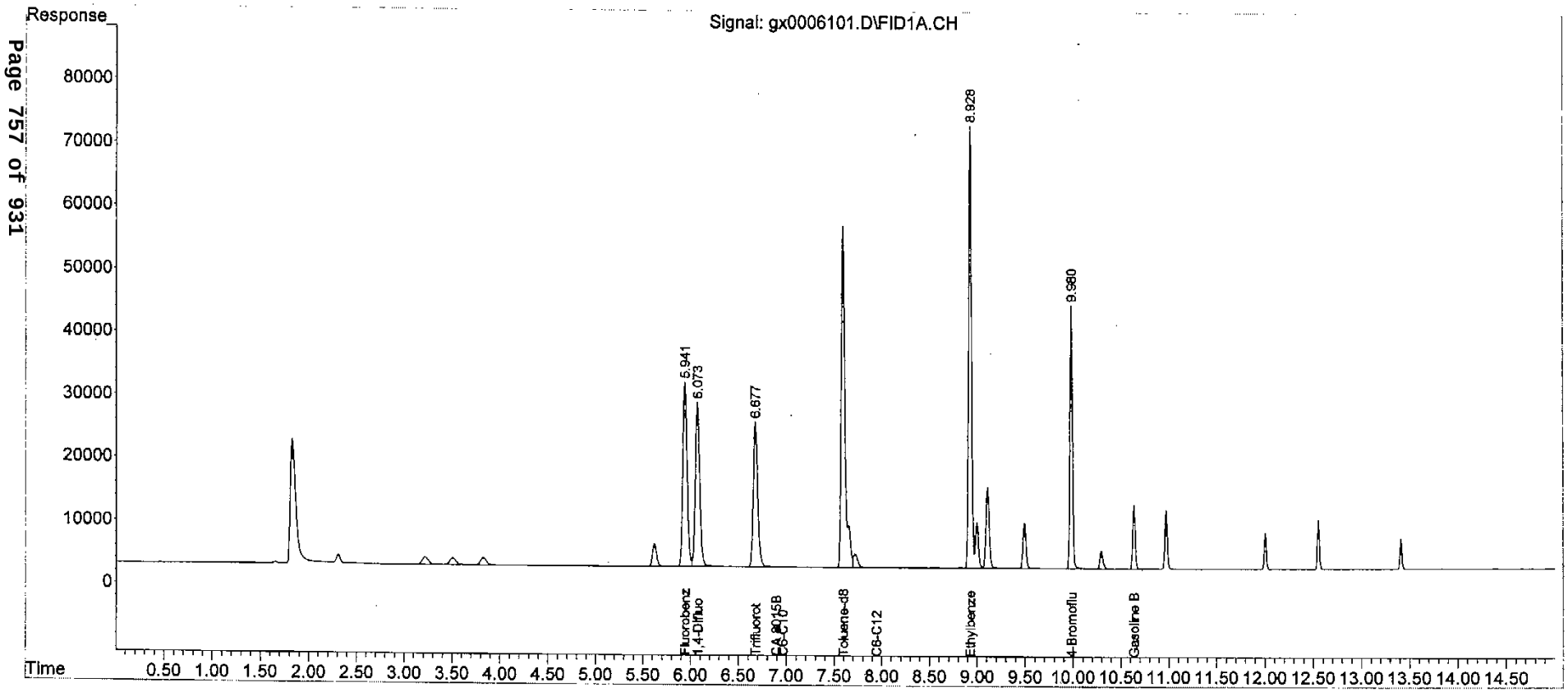
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.075	822862	85.157 ug/L
Spiked Amount 100.000		Recovery =	85.16%
2) S Fluorobenzene (Surr)	5.942	926454	92.362 ug/L
Spiked Amount 100.000		Recovery =	92.36%
3) S Trifluorotoluene (Surr)	6.679	728546	90.789 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	90.79%
4) S Toluene-d8 (Surr)	7.593	1498356	117.199 ug/L
Spiked Amount 100.000		Recovery =	117.20%
5) S Ethylbenzene-d10 (Surr)	8.929	1466387	102.143 ug/L
Spiked Amount 100.000		Recovery =	102.14%
6) S 4-Bromofluorobenzene ...	9.982	758114	95.739 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	95.74%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	1483085	303.217 ug/L
8) H C6-C10	6.960	937904	162.323 ug/L
9) H C6-C12	7.950	1460942	183.358 ug/L
10) H CA 8015B	6.900	1310583	176.220 ug/L

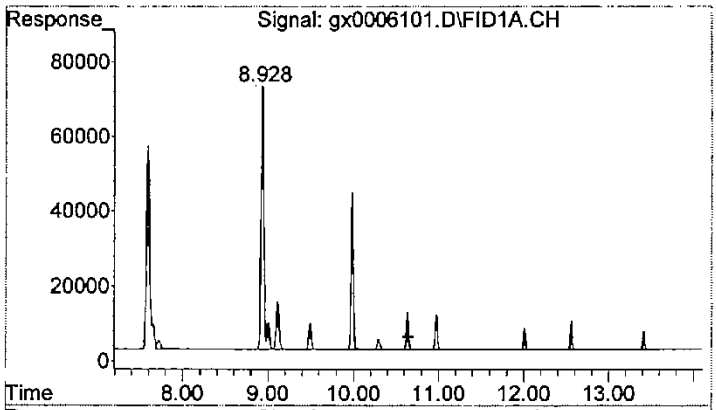
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006101.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 8:15 pm
Operator : frz
Sample : rt std
Misc : 1369-58-11
ALS Vial : 31 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:15 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

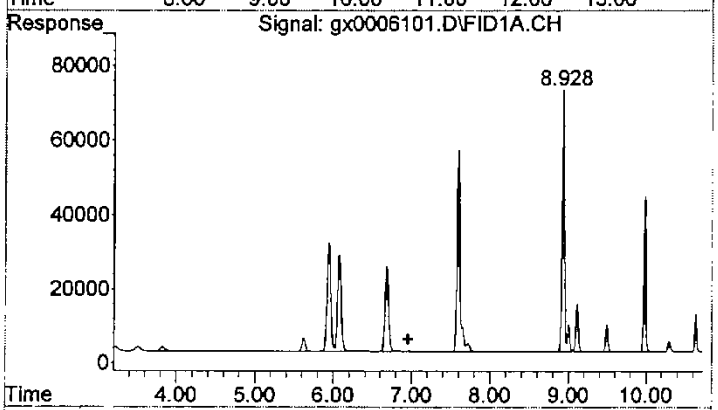
Volume Inj. :
Signal Phase :
Signal Info :





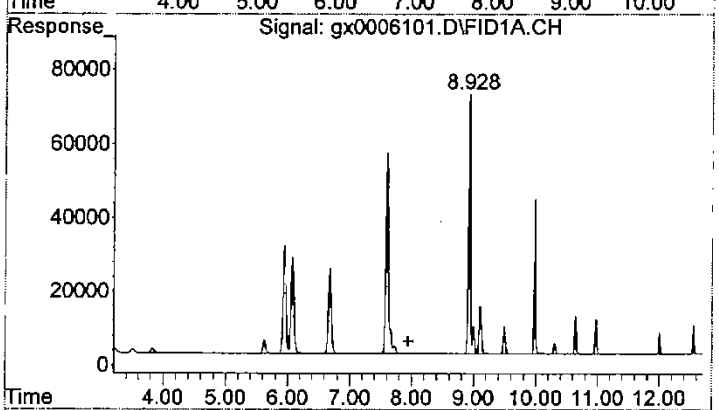
#7 Gasoline By NWTPH-G

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 1483085
Conc: 303.22 ug/L m



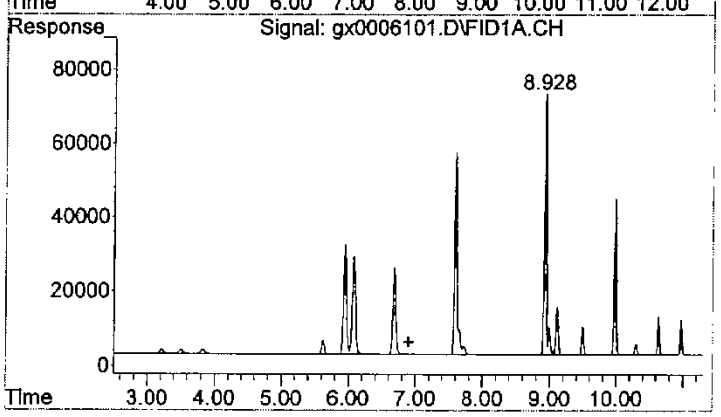
#8 C6-C10

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 937904
Conc: 162.32 ug/L m



#9 C6-C12

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 1460942
Conc: 183.36 ug/L m



#10 CA 8015B

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 1310583
Conc: 176.22 ug/L m

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006102.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 8:38 pm
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-12
ALS Vial : 32 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

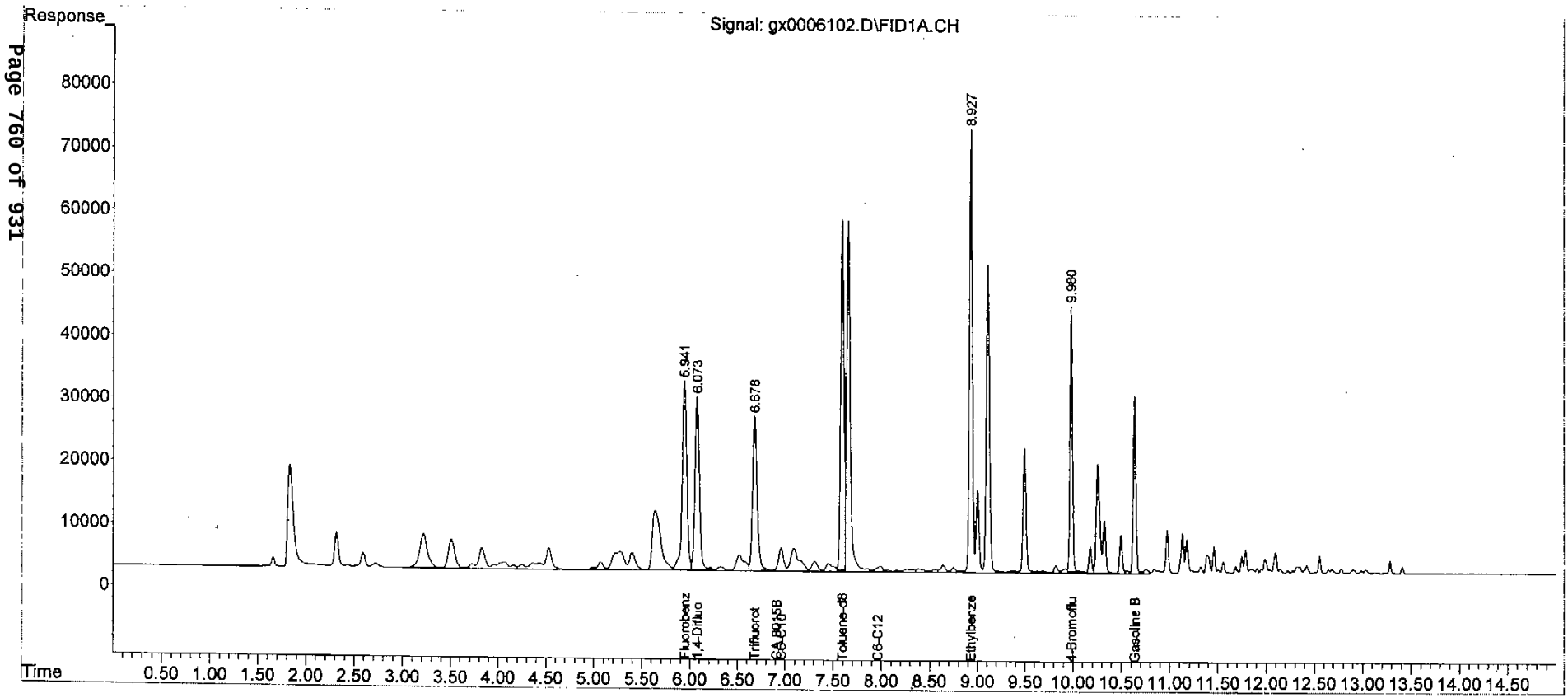
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.075	896692	92.798 ug/L
Spiked Amount 100.000		Recovery = 92.80%	
2) S Fluorobenzene (Surr)	5.942	1014029	101.093 ug/L
Spiked Amount 100.000		Recovery = 101.09%	
3) S Trifluorotoluene (Surr)	6.680	818741	102.029 ug/L
Spiked Amount 100.000 Range 69 - 120		Recovery = 102.03%	
4) S Toluene-d8 (Surr)	7.594	1313523	102.741 ug/L
Spiked Amount 100.000		Recovery = 102.74%	
5) S Ethylbenzene-d10 (Surr)	8.929	1479534	103.059 ug/L
Spiked Amount 100.000		Recovery = 103.06%	
6) S 4-Bromofluorobenzene ...	9.982	767100	96.873 ug/L
Spiked Amount 100.000 Range 70 - 120		Recovery = 96.87%	
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	5002017	1076.101 ug/L
8) H C6-C10	6.960	6153970	1118.322 ug/L
9) H C6-C12	7.950	8519279	1105.094 ug/L
10) H CA 8015B	6.900	8016562	1168.285 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006102.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 8:38 pm
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-12
ALS Vial : 32 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Evaluate Continuing Calibration Report

Data Path : E:\2\data\04042007\
Data File : gx0006102.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 8:38 pm
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-12
ALS Vial : 32 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
1	S	1,4-Difluorobenzene (I)	100.000	92.798	7.2	0	0.00
2	S	Fluorobenzene (Surr)	100.000	101.093	-1.1	0	0.00
3	S	Trifluorotoluene (Surr)	100.000	102.029	-2.0	0	0.01
4	S	Toluene-d8 (Surr)	100.000	102.741	-2.7	0	0.00
5	S	Ethylbenzene-d10 (Surr)	100.000	103.059	-3.1	0	0.00
6	S	4-Bromofluorobenzene (Surr)	100.000	96.873	3.1	0	0.00
7	H	Gasoline By NWTPH-G	1100.000	1076.101	2.2	0	0.00
8	H	C6-C10	1100.000	1118.322	-1.7	0	0.00
9	H	C6-C12	1100.000	1105.094	-0.5	0	0.00
10	H	CA 8015B	1100.000	1168.285	-6.2	0	0.00

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006124.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 4:49 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-12
ALS Vial : 54 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:10 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.076	891086	92.218 ug/L
Spiked Amount	100.000		Recovery =	92.22%
2) S	Fluorobenzene (Surr)	5.943	998183	99.513 ug/L
Spiked Amount	100.000		Recovery =	99.51%
3) S	Trifluorotoluene (Surr)	6.681	769405	95.880 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	95.88%
4) S	Toluene-d8 (Surr)	7.595	1293605	101.183 ug/L
Spiked Amount	100.000		Recovery =	101.18%
5) S	Ethylbenzene-d10 (Surr)	8.930	1464699	102.025 ug/L
Spiked Amount	100.000		Recovery =	102.03%
6) S	4-Bromofluorobenzene ...	9.982	786013	99.262 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	99.26%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	4686977	1006.907 ug/L
8) H	C6-C10	6.960	5778645	1049.533 ug/L
9) H	C6-C12	7.950	8039692	1042.465 ug/L
10) H	CA 8015B	6.900	7541367	1097.986 ug/L

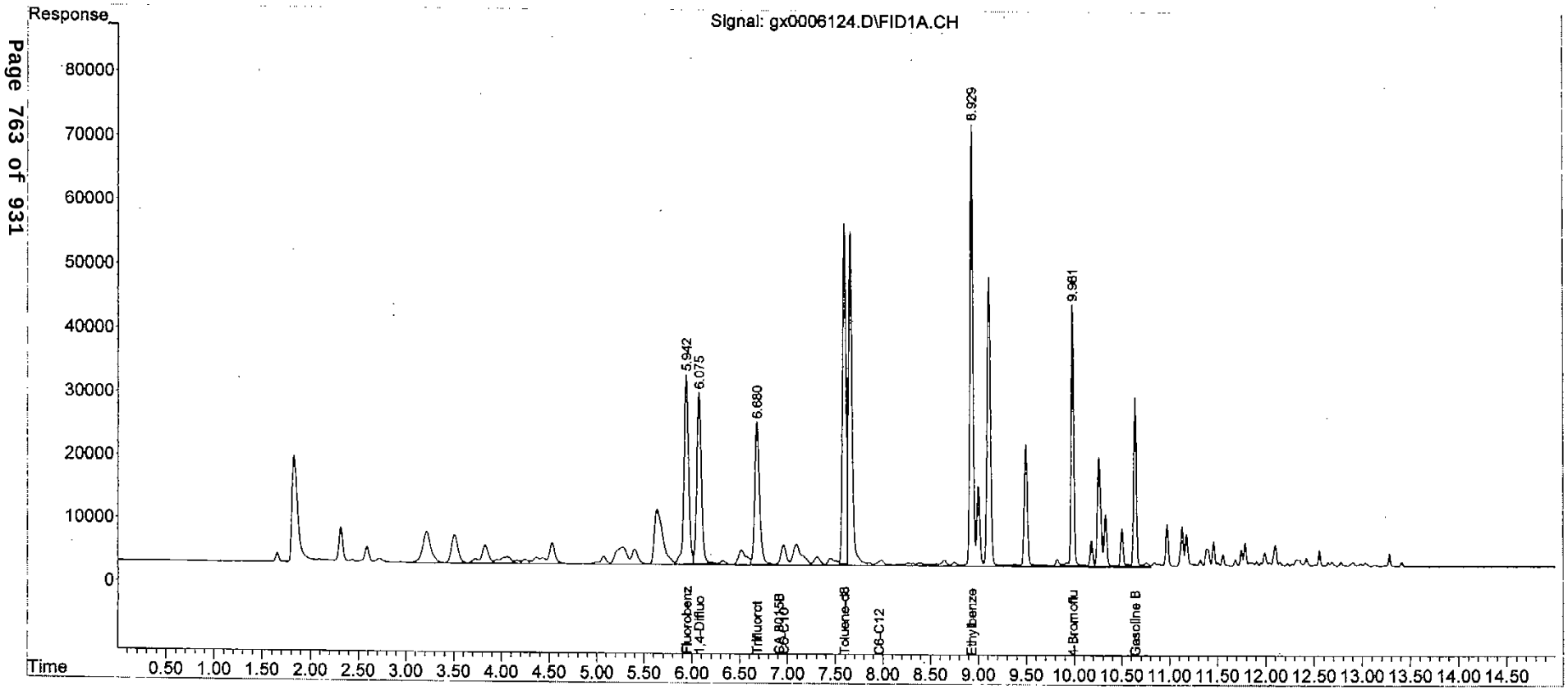
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006124.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 4:49 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-12
ALS Vial : 54 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:10 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Evaluate Continuing Calibration Report

Data Path : E:\2\data\04042007\
Data File : gx0006124.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 4:49 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-12
ALS Vial : 54 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:10 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
1	S	1,4-Difluorobenzene (I)	100.000	92.218	7.8	0	0.01
2	S	Fluorobenzene (Surr)	100.000	99.513	0.5	0	0.00
3	S	Trifluorotoluene (Surr)	100.000	95.880	4.1	0	0.01
4	S	Toluene-d8 (Surr)	100.000	101.183	-1.2	0	0.01
5	S	Ethylbenzene-d10 (Surr)	100.000	102.025	-2.0	0	0.00
6	S	4-Bromofluorobenzene (Surr)	100.000	99.262	0.7	0	0.00
7	H	Gasoline By NWTPH-G	1100.000	1006.907	8.5	0	0.00
8	H	C6-C10	1100.000	1049.533	4.6	0	0.00
9	H	C6-C12	1100.000	1042.465	5.2	0	0.00
10	H	CA 8015B	1100.000	1097.986	0.2	0	0.00

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006138.D
Signal(s) : FID1A.CH 4/5/2007
Acq On : 05 Apr 2007 10:03 am
Operator : frz
Sample : ~~rinse/tube~~ 1100 gro ccal
Misc : water
ALS Vial : 68 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:32:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.075	894050	92.525 ug/L
Spiked Amount 100.000		Recovery =	92.53%
2) S Fluorobenzene (Surr)	5.942	1001985	99.892 ug/L
Spiked Amount 100.000		Recovery =	99.89%
3) S Trifluorotoluene (Surr)	6.680	788624	98.275 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	98.28%
4) S Toluene-d8 (Surr)	7.594	1309744	102.446 ug/L
Spiked Amount 100.000		Recovery =	102.45%
5) S Ethylbenzene-d10 (Surr)	8.929	1474419	102.702 ug/L
Spiked Amount 100.000		Recovery =	102.70%
6) S 4-Bromofluorobenzene ...	9.982	790935	99.883 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	99.88%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4696007	1008.890 ug/L
8) H C6-C10	6.960	5828264	1058.627 ug/L
9) H C6-C12	7.950	8069071	1046.302 ug/L
10) H CA 8015B	6.900	7598627	1106.457 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

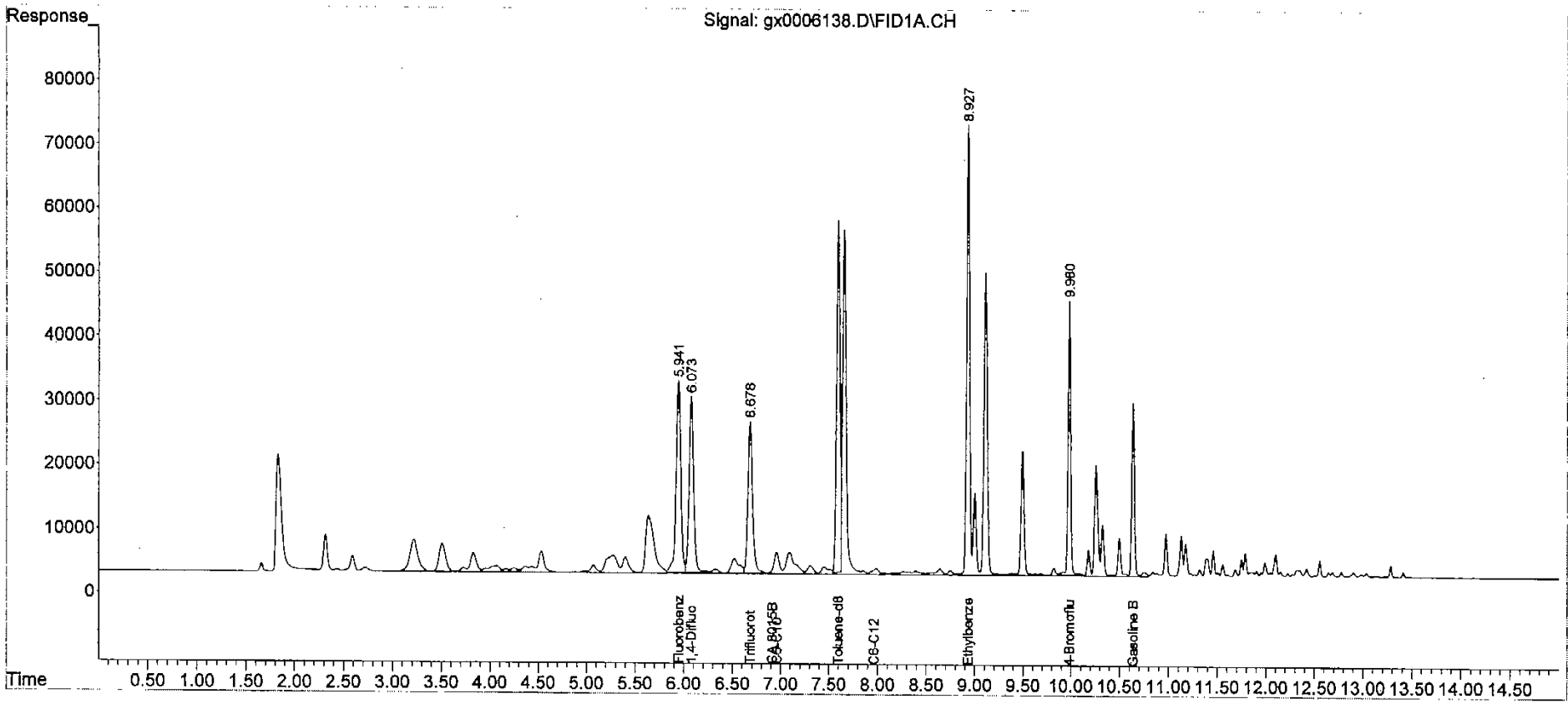
Quantitation Report (Not Reviewed)

004919

Data Path : E:\2\data\04042007\
Data File : gx0006138.D
Signal(s) : FID1A.CH 4/5/2007
Acq On : 05 Apr 2007 10:03 am
Operator : frz
Sample : ~~rinse/tube~~ 1000 gro ccal
Misc : water
ALS Vial : 68 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:32:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



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Evaluate Continuing Calibration Report

Data Path : E:\2\data\04042007\
Data File : gx0006138.D
Signal(s) : FID1A.CH 4/5/2007
Acq On : 05 Apr 2007 10:03 am
Operator : frz
Sample : ~~rinse/tune~~ 1100 gro ccal
Misc : water
ALS Vial : 68 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:32:20 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 15% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
1	S	1,4-Difluorobenzene (I)	100.000	92.525	7.5	0	0.00
2	S	Fluorobenzene (Surr)	100.000	99.892	0.1	0	0.00
3	S	Trifluorotoluene (Surr)	100.000	98.275	1.7	0	0.01
4	S	Toluene-d8 (Surr)	100.000	102.446	-2.4	0	0.00
5	S	Ethylbenzene-d10 (Surr)	100.000	102.702	-2.7	0	0.00
6	S	4-Bromofluorobenzene (Surr)	100.000	99.883	0.1	0	0.00
7	H	Gasoline By NWTPH-G	1100.000	1008.890	8.3	0	0.00
8	H	C6-C10	1100.000	1058.627	3.8	0	0.00
9	H	C6-C12	1100.000	1046.302	4.9	0	0.00
10	H	CA 8015B	1100.000	1106.457	-0.6	0	0.00

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

004920

METHOD BLANK

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006109.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 11:14 pm
Operator : frz
Sample : MB 580-17278/1-AA
Misc : gro/8260 BT=Sea041040407n
ALS Vial : 39 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:55 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

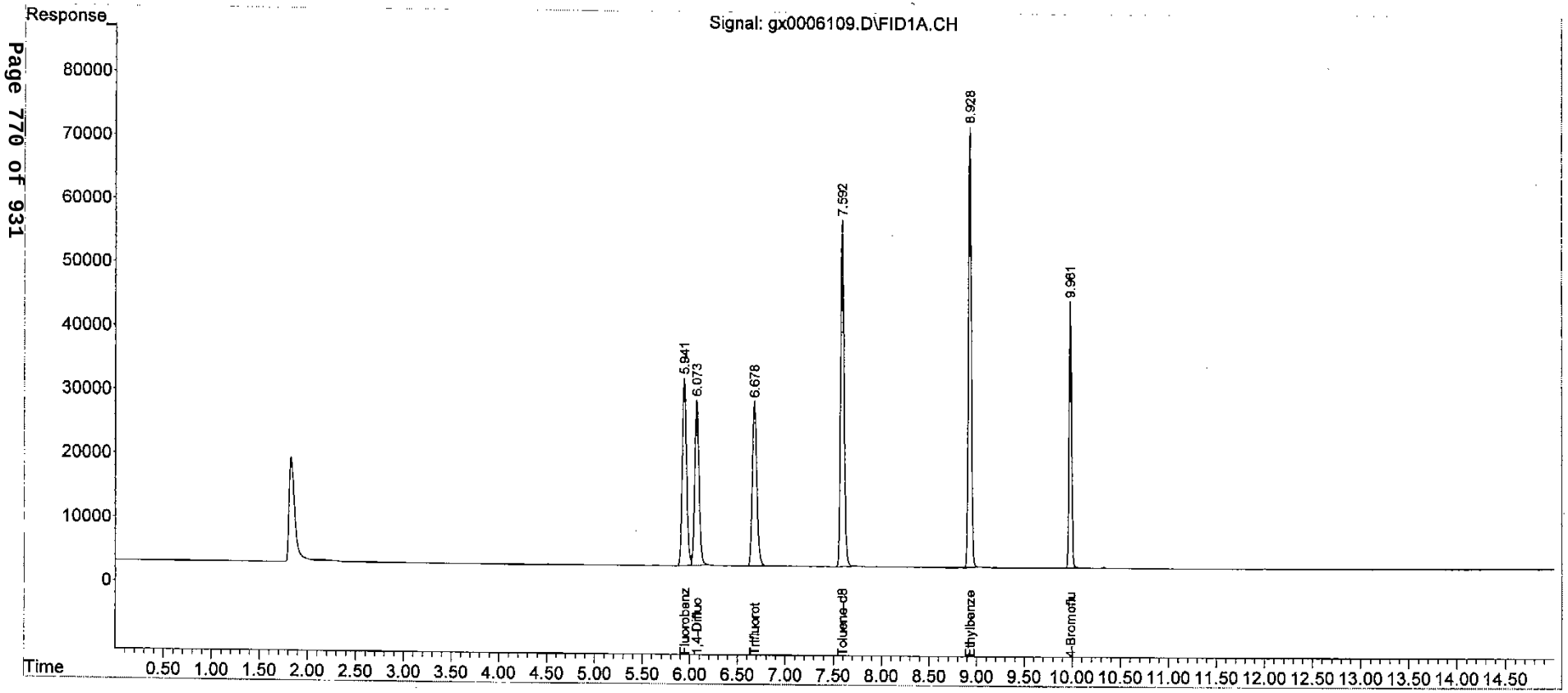
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	818764	84.733 ug/L
Spiked Amount 100.000		Recovery =	84.73%
2) S Fluorobenzene (Surr)	5.942	922336	91.951 ug/L
Spiked Amount 100.000		Recovery =	91.95%
3) S Trifluorotoluene (Surr)	6.680	827850	103.164 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	103.16%
4) S Toluene-d8 (Surr)	7.593	1353100	105.837 ug/L
Spiked Amount 100.000		Recovery =	105.84%
5) S Ethylbenzene-d10 (Surr)	8.930	1463378	101.933 ug/L
Spiked Amount 100.000		Recovery =	101.93%
6) S 4-Bromofluorobenzene ...	9.982	757211	95.625 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	95.63%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	127685	<MDL ug/L
8) H C6-C10	6.960	110292	<MDL ug/L
9) H C6-C12	7.950	147454	<MDL ug/L
10) H CA 8015B	6.900	138776	<MDL ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006109.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 11:14 pm
Operator : frz
Sample : MB 580-17278/1-AA
Misc : gro/8260 BT=Sea041040407n
ALS Vial : 39 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:55 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



00492

BLANK SPIKE

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006104.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 9:22 pm
Operator : frz
Sample : LCS 580-17278/2-AA
Misc : gro BT=Sea041040407n
ALS Vial : 34 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:30 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.075	915656	94.761 ug/L
Spiked Amount	100.000		Recovery =	94.76%
2) S	Fluorobenzene (Surr)	5.942	1033004	102.984 ug/L
Spiked Amount	100.000		Recovery =	102.98%
3) S	Trifluorotoluene (Surr)	6.680	879250	109.569 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	109.57%
4) S	Toluene-d8 (Surr)	7.594	1294012	101.215 ug/L
Spiked Amount	100.000		Recovery =	101.22%
5) S	Ethylbenzene-d10 (Surr)	8.930	1473625	102.647 ug/L
Spiked Amount	100.000		Recovery =	102.65%
6) S	4-Bromofluorobenzene ...	9.982	778996	98.376 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	98.38%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	4990924	1073.664 ug/L
8) H	C6-C10	6.960	6322720	1149.251 ug/L
9) H	C6-C12	7.950	8725882	1132.074 ug/L
10) H	CA 8015B	6.900	8208058	1196.615 ug/L

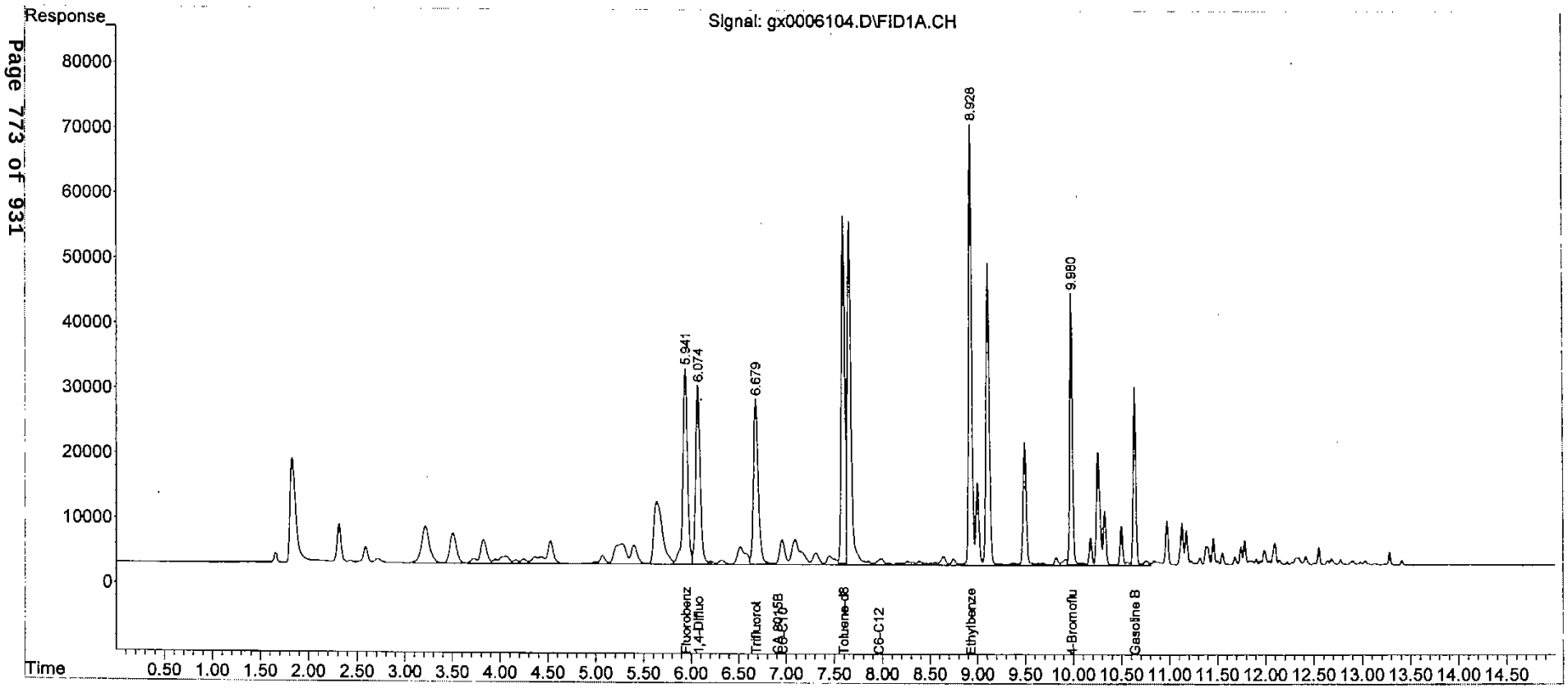
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006104.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 9:22 pm
Operator : frz
Sample : LCS 580-17278/2-AA
Misc : gro BT=Sea041040407n
ALS Vial : 34 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:29:30 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006105.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 9:45 pm
Operator : frz
Sample : LCSD 580-17278/3-AA
Misc : gro BT=Sea041040407n
ALS Vial : 35 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:44:44 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

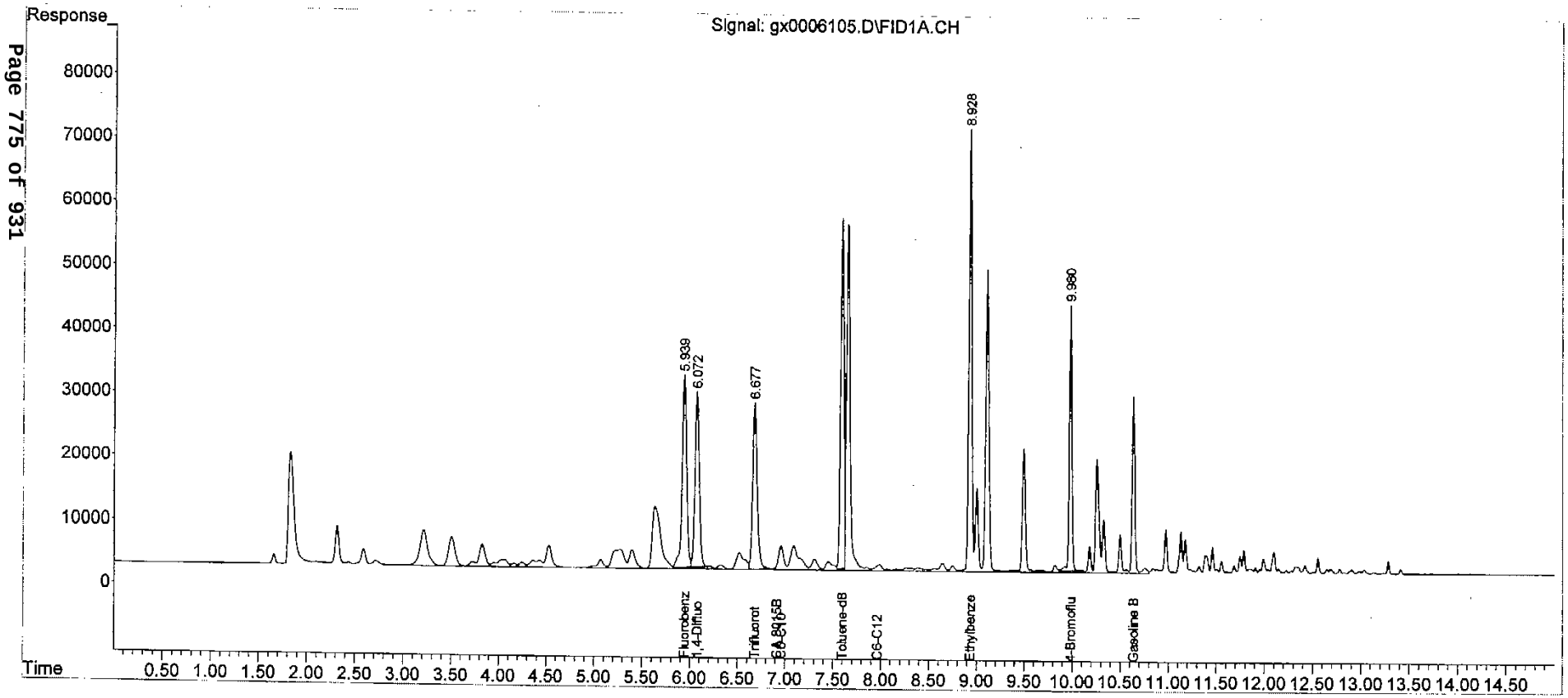
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.074	862954	89.307 ug/L
Spiked Amount 100.000		Recovery =	89.31%
2) S Fluorobenzene (Surr)	5.941	993234	99.020 ug/L
Spiked Amount 100.000		Recovery =	99.02%
3) S Trifluorotoluene (Surr)	6.679	866694	108.004 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	108.00%
4) S Toluene-d8 (Surr)	7.593	1305982	102.151 ug/L
Spiked Amount 100.000		Recovery =	102.15%
5) S Ethylbenzene-d10 (Surr)	8.929	1474745	102.725 ug/L
Spiked Amount 100.000		Recovery =	102.72%
6) S 4-Bromofluorobenzene ...	9.982	787015	99.388 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	99.39%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4962642	1067.453 ug/L
8) H C6-C10	6.960	6292702	1143.749 ug/L
9) H C6-C12	7.950	8679045	1125.957 ug/L
10) H CA 8015B	6.900	8160251	1189.542 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006105.D
Signal(s) : FID1A.CH
Acq On : 04 Apr 2007 9:45 pm
Operator : frz
Sample : LCSD 580-17278/3-AA
Misc : gro BT=Sea041040407n
ALS Vial : 35 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:44:44 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



MATIX SPIKE / MATRIX SPIKE DUPLICATE

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006121.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 3:42 am
Operator : frz
Sample : 580-5404-A-2-C MS
Misc : BT=Sea041040407n
ALS Vial : 51 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:55 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

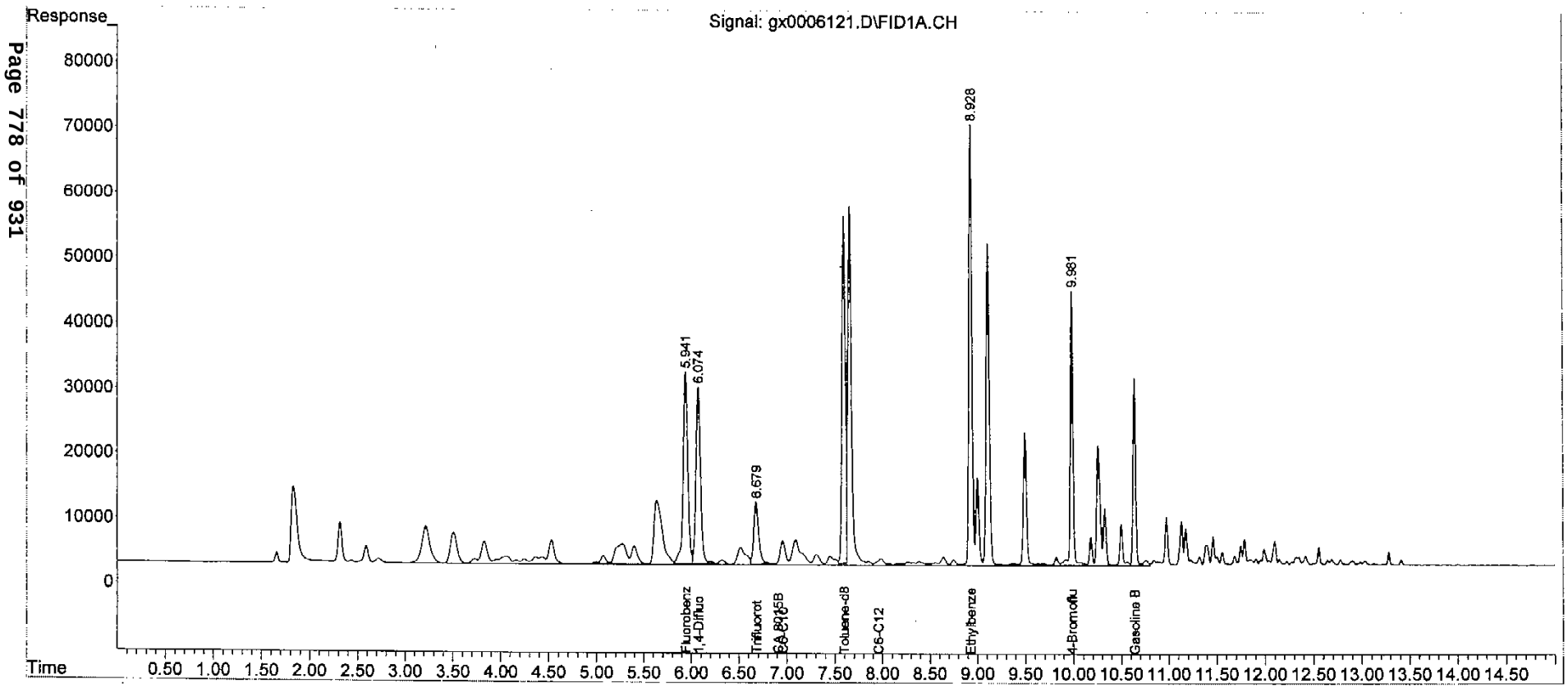
	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
1) S	1,4-Difluorobenzene (I)	6.075	897236	92.854 ug/L
Spiked Amount	100.000		Recovery =	92.85%
2) S	Fluorobenzene (Surr)	5.943	1012031	100.894 ug/L
Spiked Amount	100.000		Recovery =	100.89%
3) S	Trifluorotoluene (Surr)	6.681	346397	43.167 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	43.17%#
4) S	Toluene-d8 (Surr)	7.594	1291395	101.010 ug/L
Spiked Amount	100.000		Recovery =	101.01%
5) S	Ethylbenzene-d10 (Surr)	8.930	1466512	102.152 ug/L
Spiked Amount	100.000		Recovery =	102.15%
6) S	4-Bromofluorobenzene ...	9.983	816359	103.094 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	103.09%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	5325151	1147.072 ug/L
8) H	C6-C10	6.960	6386729	1160.982 ug/L
9) H	C6-C12	7.950	8982736	1165.616 ug/L
10) H	CA 8015B	6.900	8339655	1216.083 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006121.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 3:42 am
Operator : frz
Sample : 580-5404-A-2-C MS
Misc : BT=Sea041040407n
ALS Vial : 51 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:30:55 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006122.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 4:05 am
Operator : frz
Sample : 580-5404-A-2-D MSD
Misc : BT=Sea041040407n
ALS Vial : 52 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:00 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

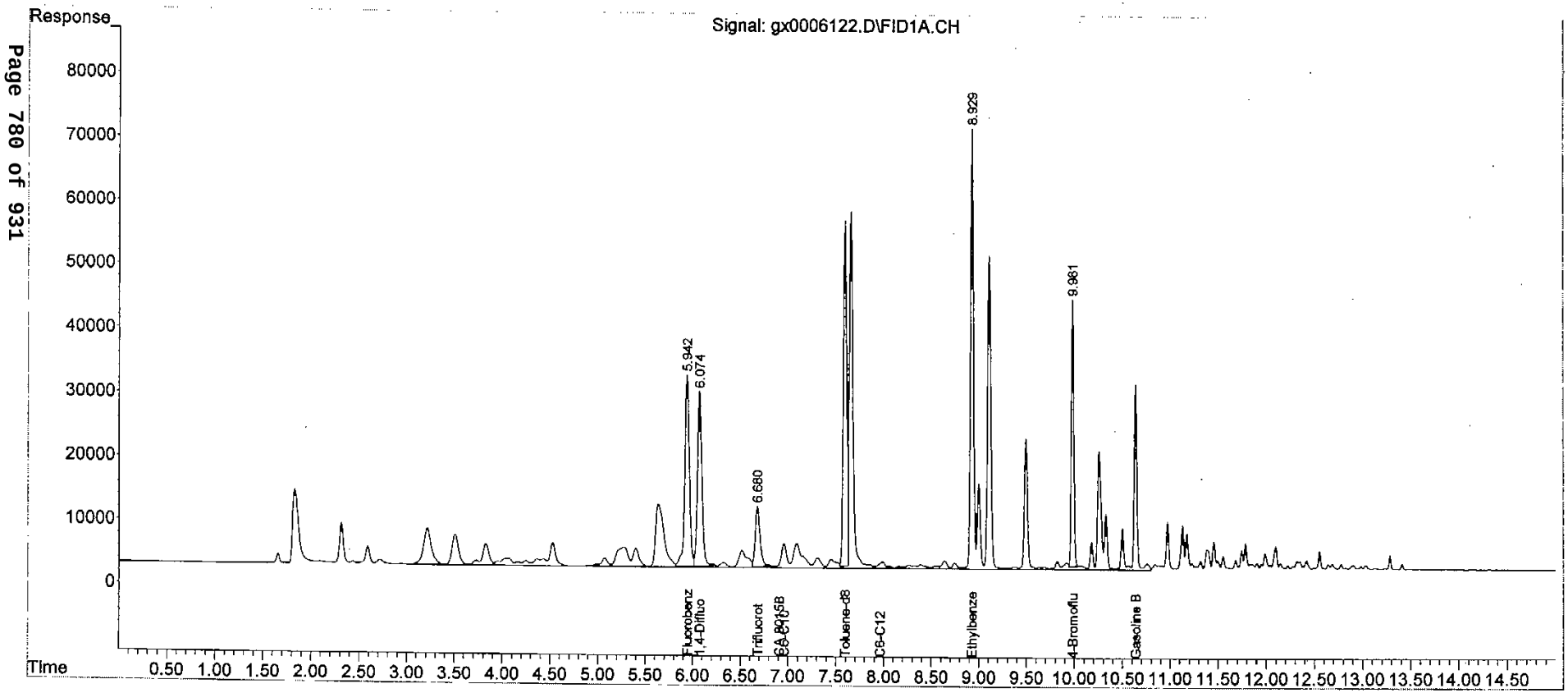
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	896645	92.793 ug/L
Spiked Amount 100.000		Recovery = 92.79%	
2) S Fluorobenzene (Surr)	5.943	1009003	100.592 ug/L
Spiked Amount 100.000		Recovery = 100.59%	
3) S Trifluorotoluene (Surr)	6.681	339579	42.317 ug/L
Spiked Amount 100.000 Range 69 - 120		Recovery = 42.32%#	
4) S Toluene-d8 (Surr)	7.595	1294618	101.262 ug/L
Spiked Amount 100.000		Recovery = 101.26%	
5) S Ethylbenzene-d10 (Surr)	8.930	1465712	102.096 ug/L
Spiked Amount 100.000		Recovery = 102.10%	
6) S 4-Bromofluorobenzene ...	9.983	754635	95.299 ug/L
Spiked Amount 100.000 Range 70 - 120		Recovery = 95.30%	
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	5463289	1177.413 ug/L
8) H C6-C10	6.960	6551964	1191.267 ug/L
9) H C6-C12	7.950	9216005	1196.078 ug/L
10) H CA 8015B	6.900	8533962	1244.828 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006122.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 4:05 am
Operator : frz
Sample : 580-5404-A-2-D MSD
Misc : BT=Sea041040407n
ALS Vial : 52 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:31:00 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006135.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 8:56 am
Operator : frz
Sample : 580-5404-A-14-K MS
Misc : BT=Sea041040407n
ALS Vial : 65 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:32:05 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

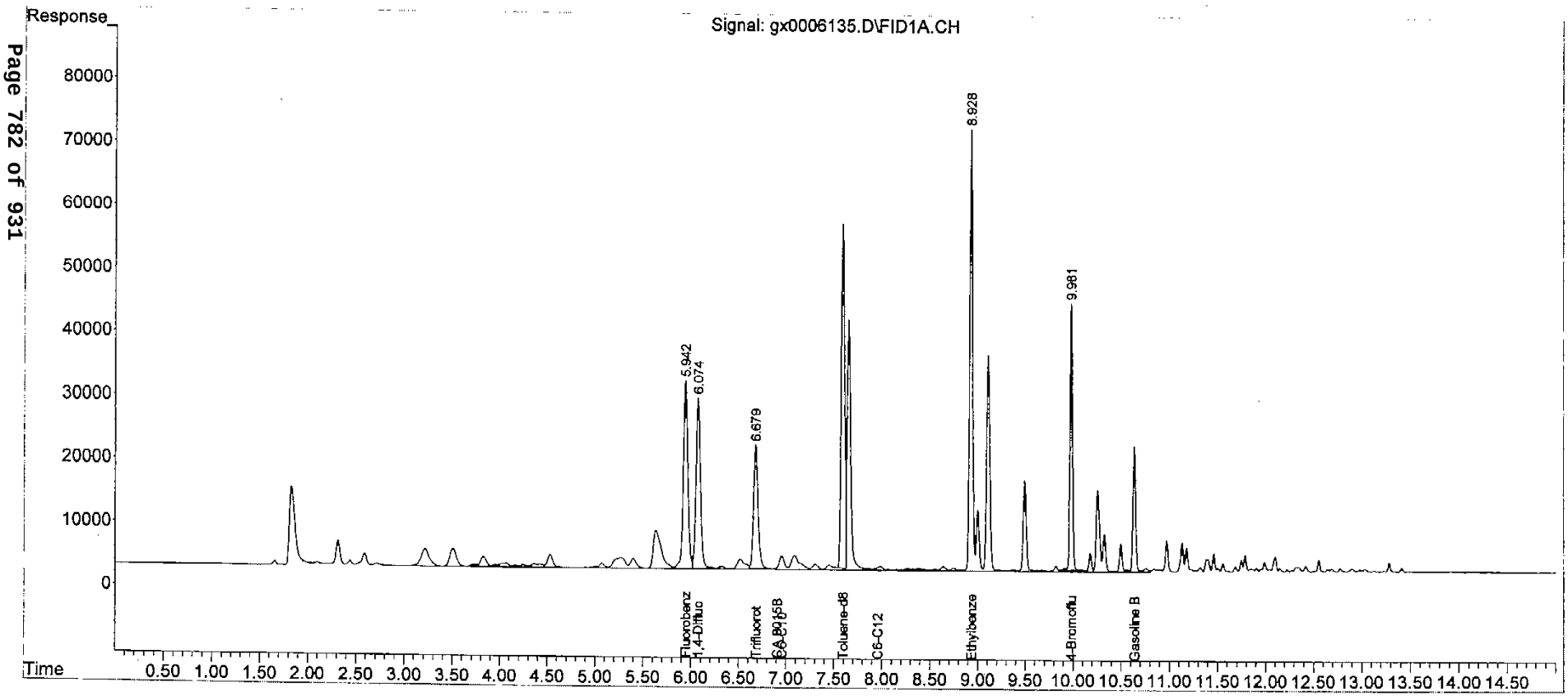
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	866369	89.660 ug/L
Spiked Amount 100.000		Recovery =	89.66%
2) S Fluorobenzene (Surr)	5.943	969850	96.688 ug/L
Spiked Amount 100.000		Recovery =	96.69%
3) S Trifluorotoluene (Surr)	6.680	645109	80.391 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	80.39%
4) S Toluene-d8 (Surr)	7.594	1304654	102.048 ug/L
Spiked Amount 100.000		Recovery =	102.05%
5) S Ethylbenzene-d10 (Surr)	8.930	1464314	101.999 ug/L
Spiked Amount 100.000		Recovery =	102.00%
6) S 4-Bromofluorobenzene ...	9.982	772176	97.514 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	97.51%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	3693923	788.796 ug/L
8) H C6-C10	6.960	4170671	754.824 ug/L
9) H C6-C12	7.950	5933749	767.454 ug/L
10) H CA 8015B	6.900	5441384	787.320 ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : E:\2\data\04042007\
Data File : gx0006135.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 8:56 am
Operator : frz
Sample : 580-5404-A-14-K MS
Misc : BT=Sea041040407n
ALS Vial : 65 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:32:05 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :



DUPLICATE SAMPLE DATA PACKAGE

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\04042007\
Data File : gx0006134.D
Signal(s) : FID1A.CH
Acq On : 05 Apr 2007 8:34 am
Operator : frz
Sample : 580-5404-A-14-J DU
Misc : BT=Sea041040407n
ALS Vial : 64 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 05 11:32:00 2007
Quant Method : E:\2\Methods\GAS_03162007.M
Quant Title : SEA041: GRO by 8015 Modified 03-01-2007
QLast Update : Wed Mar 21 17:24:41 2007
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. :
Signal Phase :
Signal Info :

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	819084	84.767 ug/L
Spiked Amount 100.000		Recovery =	84.77%
2) S Fluorobenzene (Surr)	5.944	925201	92.237 ug/L
Spiked Amount 100.000		Recovery =	92.24%
3) S Trifluorotoluene (Surr)	6.680	613198	76.415 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	76.42%
4) S Toluene-d8 (Surr)	7.593	1352444	105.786 ug/L
Spiked Amount 100.000		Recovery =	105.79%
5) S Ethylbenzene-d10 (Surr)	8.929	1461850	101.827 ug/L
Spiked Amount 100.000		Recovery =	101.83%
6) S 4-Bromofluorobenzene ...	9.982	756702	95.560 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	95.56%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	209132	23.412 ug/L
8) H C6-C10	6.960	95485	<MDL ug/L
9) H C6-C12	7.950	139581	<MDL ug/L

(f)=RT Delta > 1/2 Window (m)=manual int.

LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17278

Method Code: 580-5035A_FM-580

Analyst: Zboralski, Felix

Batch Open: 4/4/2007 8:21:44AM

Batch End:

Closed System Purge & Trap/Field Methanol

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	MB~580-17278/1 N/A	N/A	10 g	400 mL	N/A	N/A	N/A		
2	LCS~580-17278/2 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	GRO	
3	LCSD~580-17278/3 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	GRO	
4	LCS~580-17278/4 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	8260B	
5	LCSD~580-17278/5 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	8260B	
6	580-5483-C-1 (NWTPH_Gx)	N/A	10.241 g	400 mL	4/16/07	8_Days - R	4		
7	580-5404-A-14~DU (8260B)	N/A		400 mL	4/12/07	13_Days - E	4		
8	580-5404-C-5 (AK101)	N/A	10.152 g	400 mL	4/12/07	13_Days - E	4		
8	580-5404-C-5 (8260B)	N/A	10.152 g	400 mL	4/12/07	13_Days - E	4		
9	580-5404-C-10 (AK101)	N/A	10.529 g	400 mL	4/12/07	13_Days - E	4		
9	580-5404-C-10 (8260B)	N/A	10.529 g	400 mL	4/12/07	13_Days - E	4		
10	580-5404-A-13 (AK101)	N/A	10.950 g	400 mL	4/12/07	13_Days - E	4		
10	580-5404-A-13 (8260B)	N/A	10.950 g	400 mL	4/12/07	13_Days - E	4		
11	580-5404-A-14 (AK101)	N/A	10.661 g	400 mL	4/12/07	13_Days - E	4		
11	580-5404-A-14 (8260B)	N/A	10.661 g	400 mL	4/12/07	13_Days - E	4		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17278 Analyst: Zboralski, Felix Batch Open: 4/4/2007 8:21:44AM

Method Code: 580-5035A_FM-580 Batch End:

12	580-5404-A-14~DU (AK101)	N/A	10.217 g	400 mL	4/12/07	13_Days - E	4		
13	580-5404-A-14~MS (AK101)	N/A	10.665 g	400 mL	4/12/07	13_Days - E	4	GRO	
14	580-5404-A-14~MS (8260B)	N/A	10.496 g	400 mL	4/12/07	13_Days - E	4	8260B	
15	580-5404-A-1 (AK101)	N/A	25.00 g	1000 mL	4/12/07	13_Days - E	4		
15	580-5404-A-1 (8260B)	N/A	25.00 g	1000 mL	4/12/07	13_Days - E	4		
16	580-5404-A-2 (AK101)	N/A	50.45 g	1000 mL	4/12/07	13_Days - E	4		
16	580-5404-A-2 (8260B)	N/A	50.45 g	1000 mL	4/12/07	13_Days - E	4		
17	580-5404-A-2~MS (AK101)	N/A	50.45 g	1000 mL	4/12/07	13_Days - E	4	GRO post spike	
18	580-5404-A-2~MSD (AK101)	N/A	50.45 g	1000 mL	4/12/07	13_Days - E	4	GRO post spike	
19	580-5404-A-3 (AK101)	N/A	50.42 g	1000 mL	4/12/07	13_Days - E	4		
19	580-5404-A-3 (8260B)	N/A	50.42 g	1000 mL	4/12/07	13_Days - E	4		
20	580-5404-A-4 (AK101)	N/A	48.30 g	1000 mL	4/12/07	13_Days - E	4		
20	580-5404-A-4 (8260B)	N/A	48.30 g	1000 mL	4/12/07	13_Days - E	4		
21	580-5404-A-6 (AK101)	N/A	45.51 g	1000 mL	4/12/07	13_Days - E	4		
21	580-5404-A-6 (8260B)	N/A	45.51 g	1000 mL	4/12/07	13_Days - E	4		
22	580-5404-A-7 (AK101)	N/A	21.15 g	1000 mL	4/12/07	13_Days - E	4		
22	580-5404-A-7 (8260B)	N/A	21.15 g	1000 mL	4/12/07	13_Days - E	4		
23	580-5404-A-8 (AK101)	N/A	31.55 g	1000 mL	4/12/07	13_Days - E	4		

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Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17278 Analyst: Zboralski, Felix Batch Open: 4/4/2007 8:21:44AM

Method Code: 580-5035A_FM-580 Batch End:

23	580-5404-A-8 (8260B)	N/A	31.55 g	1000 mL	4/12/07	13_Days - E	4		
24	580-5404-A-9 (AK101)	N/A	40.20 g	1000 mL	4/12/07	13_Days - E	4		
24	580-5404-A-9 (8260B)	N/A	40.20 g	1000 mL	4/12/07	13_Days - E	4		
25	580-5404-A-11 (AK101)	N/A	22.27 g	1000 mL	4/12/07	13_Days - E	4		
25	580-5404-A-11 (8260B)	N/A	22.27 g	1000 mL	4/12/07	13_Days - E	4		
26	580-5404-A-12 (AK101)	N/A	40.64 g	1000 mL	4/12/07	13_Days - E	4		
26	580-5404-A-12 (8260B)	N/A	40.64 g	1000 mL	4/12/07	13_Days - E	4		
27	580-5404-A-15 (AK101)	N/A	25.81 g	1000 mL	4/12/07	13_Days - E	4		
27	580-5404-A-15 (8260B)	N/A	25.81 g	1000 mL	4/12/07	13_Days - E	4		
28	580-5404-A-16 (AK101)	N/A	25.49 g	1000 mL	4/12/07	13_Days - E	4		
28	580-5404-A-16 (8260B)	N/A	25.49 g	1000 mL	4/12/07	13_Days - E	4		
29	580-5404-A-17 (AK101)	N/A	25.48 g	1000 mL	4/12/07	13_Days - E	4		
29	580-5404-A-17 (8260B)	N/A	25.48 g	1000 mL	4/12/07	13_Days - E	4		
30	580-5404-A-18 (AK101)	N/A	31.47 g	1000 mL	4/12/07	13_Days - E	4		
30	580-5404-A-18 (8260B)	N/A	31.47 g	1000 mL	4/12/07	13_Days - E	4		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17278

Analyst: Zboralski, Felix

Batch Open: 4/4/2007 8:21:44AM

Method Code: 580-5035A_FM-580

Batch End:

Batch Notes

Batch Comment

Comments

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17278

Method Code: 580-5035A_FM-580

Analyst: Zboralski, Felix

Batch Open: 4/4/2007 8:21:44AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17278/1	V-4TFT-EX_00004	10 mL	400 mL		
LCS 580-17278/2	GxBTEXMix2_00010	80 uL	400 mL		
LCS 580-17278/2	V-4TFT-EX_00004	10 mL	400 mL		
LCSD 580-17278/3	GxBTEXMix2_00010	80 uL	400 mL		
LCSD 580-17278/3	V-4TFT-EX_00004	10 mL	400 mL		
LCS 580-17278/4	RBCASpike_00005	50 uL	400 mL		
LCS 580-17278/4	V-4TFT-EX_00004	10 mL	400 mL		
LCSD 580-17278/5	RBCASpike_00005	50 uL	400 mL		
LCSD 580-17278/5	V-4TFT-EX_00004	10 mL	400 mL		
580-5483-C-1	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-A-14 DU	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-C-5	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-C-10	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-A-13	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-A-14	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-A-14 DU	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-A-14 MS	GxBTEXMix2_00010	80 uL	400 mL		
580-5404-A-14 MS	V-4TFT-EX_00004	10 mL	400 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17278 Analyst: Zboralski, Felix Batch Open: 4/4/2007 8:21:44AM

Method Code: 580-5035A_FM-580 Batch End:

580-5404-A-14 MS	RBCASpike_00005	50 uL	400 mL		
580-5404-A-14 MS	V-4TFT-EX_00004	10 mL	400 mL		
580-5404-A-1	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-2	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-2 MS	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-2 MSD	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-3	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-4	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-6	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-7	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-8	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-9	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-11	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-12	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-15	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-16	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-17	V-4TFT-EX_00004	25 mL	1000 mL		
580-5404-A-18	V-4TFT-EX_00004	25 mL	1000 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17278

Method Code: 580-5035A_FM-580

Analyst: Zboralski, Felix

Batch Open: 4/4/2007 8:21:44AM

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17338

Method Code: 580-8260B-580

Batch Open: 9:22:00PM

Batch End:

Volatile Organic Compounds by GC/MS

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Dlv Rank	Comments	Output Sample Lab ID
1	LCS~580-17278/2-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
2	LCSD~580-17278/3-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
3	MB~580-17278/1-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
4	580-5483-C-1-L (NWTPH_Gx)	N/A	5 mL	5 mL	/16/07	8_Days - R	4		
5	580-5404-A-1-B (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
6	580-5404-A-3-A (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
7	580-5404-A-4-A (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
8	580-5404-C-5-B (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
9	580-5404-A-6-A (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
10	580-5404-A-7-A (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
11	580-5404-A-8-A (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
12	580-5404-A-9-A (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
13	580-5404-C-10-B (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
14	580-5404-A-2-B (AK101)	N/A	5 mL	5 mL	/12/07	13_Days - E	4		
14	580-5404-A-2-B (NWTPH_Gx)	N/A	5 mL	5 mL	/16/07	8_Days - R	4		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17338

Batch Open: 9:22:00PM

Method Code: 580-8260B-580

Batch End:

15	580-5404-A-2-C~MS (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
15	580-5404-A-2-C~MS (NWTPH_Gx)	N/A	5 mL	5 mL	-/16/07	8_Days - R	4		
16	580-5404-A-2-D~MSD (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
16	580-5404-A-2-D~MSD (NWTPH_Gx)	N/A	5 mL	5 mL	-/16/07	8_Days - R	4		
17	580-5404-A-11-A (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
18	580-5404-A-12-A (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
19	580-5404-A-13-F (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
20	580-5404-A-15-A (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
21	580-5404-A-16-A (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
22	580-5404-A-17-A (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
23	580-5404-A-18-A (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
24	580-5404-A-14-H (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
25	580-5404-A-14-J~DU (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		
26	580-5404-A-14-K~MS (AK101)	N/A	5 mL	5 mL	-/12/07	13_Days - E	4		

Batch Notes

Batch Comment

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17338

Method Code: 580-8260B-580

Batch Open: 9:22:00PM

Batch End:

Comments

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17338

Method Code: 580-8260B-580

Batch Open: 9:22:00PM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
LCS 580-17278/2-AA	GBIS&SUR_00007	1 uL	5 mL		
LCSD 580-17278/3-AA	GBIS&SUR_00007	1 uL	5 mL		
MB 580-17278/1-AA	GBIS&SUR_00007	1 uL	5 mL		
580-5483-C-1-L	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-1-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-3-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-4-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-C-5-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-6-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-7-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-8-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-9-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-C-10-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-2-B	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-2-C MS	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-2-C MS	GxBTEXMix2_00010	1.136 uL	5 mL		
580-5404-A-2-D MSD	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-2-D MSD	GxBTEXMix2_00010	1.136 uL	5 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17338

Method Code: 580-8260B-580

Batch Open: 9:22:00PM

Batch End:

580-5404-A-11-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-12-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-13-F	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-15-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-16-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-17-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-18-A	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-H	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-J DU	GBIS&SUR_00007	1 uL	5 mL		
580-5404-A-14-K MS	GBIS&SUR_00007	1 uL	5 mL		

Other Reagents:

Reagent	Amount/Units	Lot#:

DIESEL AND RESIDUAL RANGE ORGANICS DATA PACKAGE

SAMPLE DATA

Data File : G:\DATA\040407_A\EP20988.D
Acq On : 4 Apr 2007 14:47
Sample : 580-5404-A-13-E
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

Vial: 10
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	732724	20.541 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	602677	20.090 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	212897	4.124 ng/ul
4)	H	RRO (nC25-nC36)	9.00	388614	12.079 ng/ul

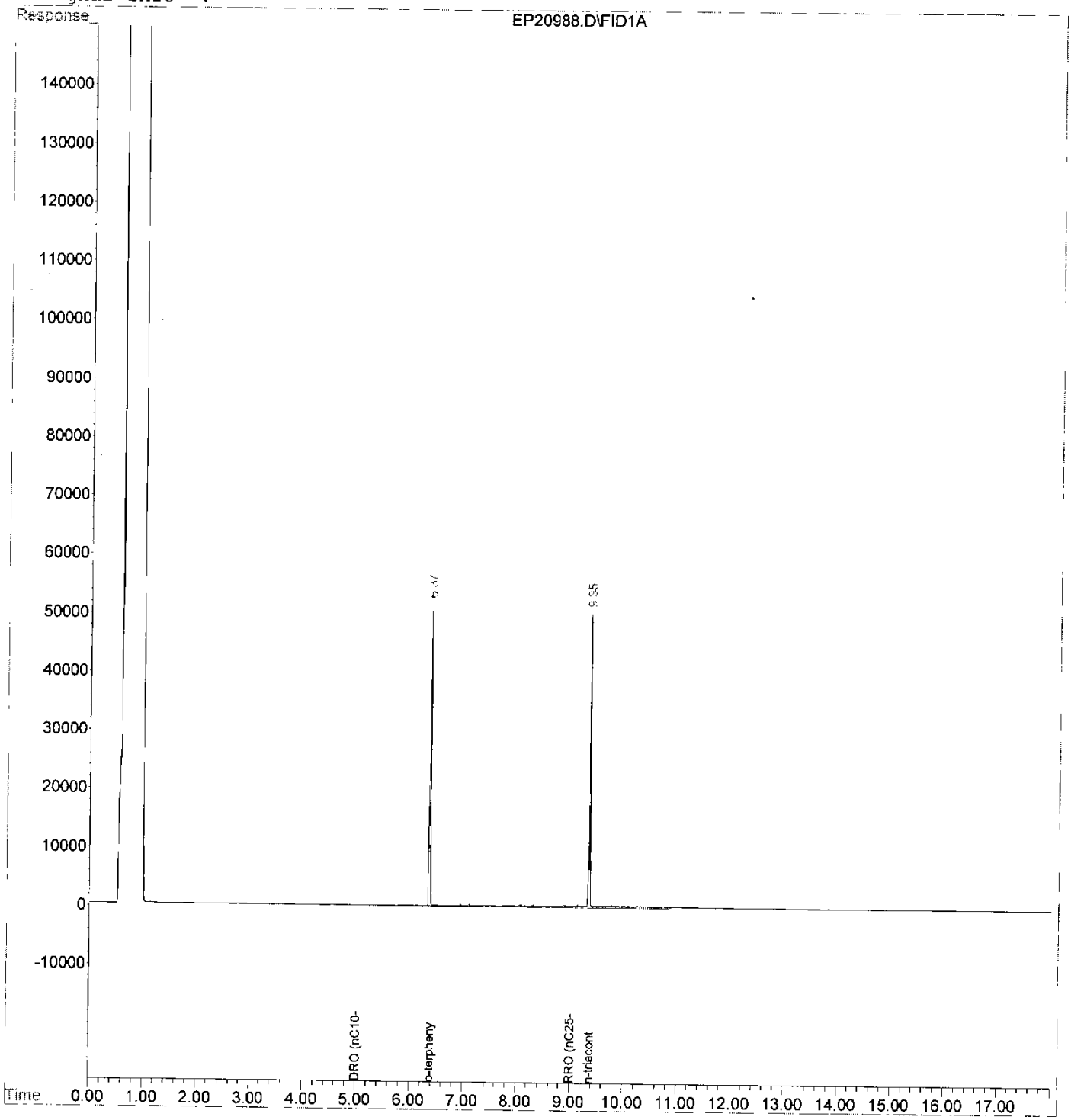
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20988.D
Acq On : 4 Apr 2007 14:47
Sample : 580-5404-A-13-E
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

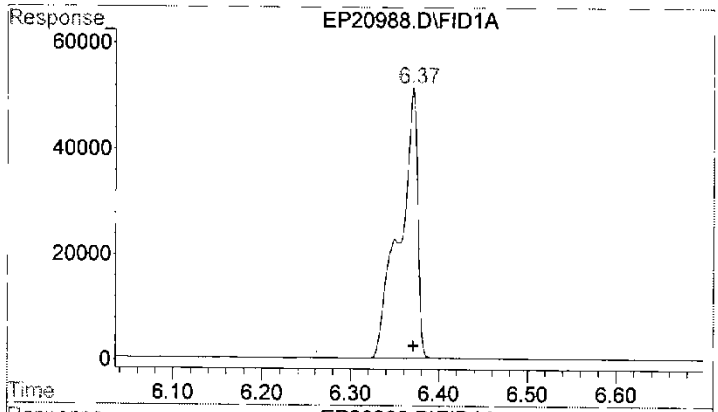
Vial: 10
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

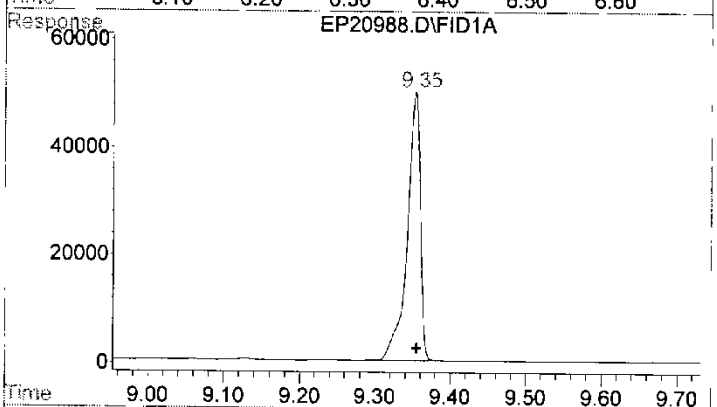


004954



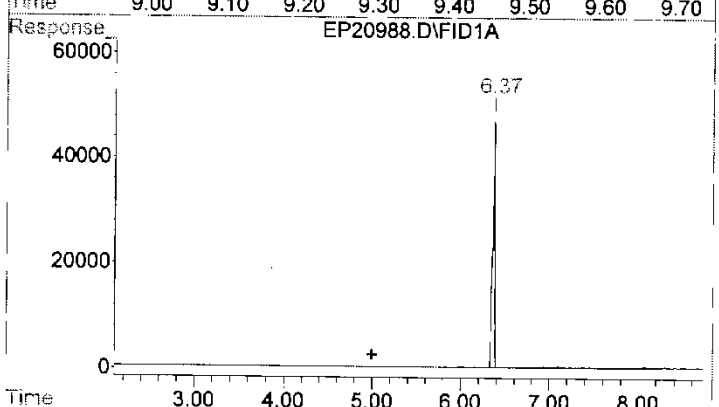
#1 o-terphenyl (S)

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 732724
Conc: 20.54 ng/ul



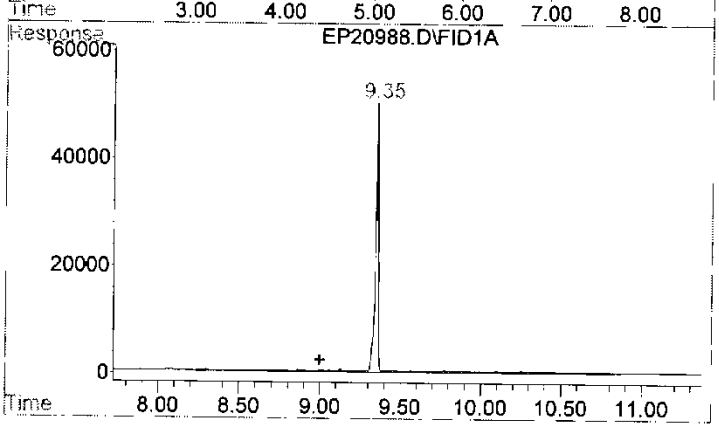
#2 n-triacontane-d62 (S)

R.T.: 9.352 min
Delta R.T.: -0.003 min
Response: 602677
Conc: 20.09 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 212897
Conc: 4.12 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 388614
Conc: 12.08 ng/ul m

Data File : G:\DATA\040407_A\EP20989.D
Acq On : 4 Apr 2007 15:14
Sample : 580-5404-A-14-E
Misc :
IntFile : events.e
Vial: 11
Operator: RBF
Inst : SEA016
Multiplr: 1.00
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

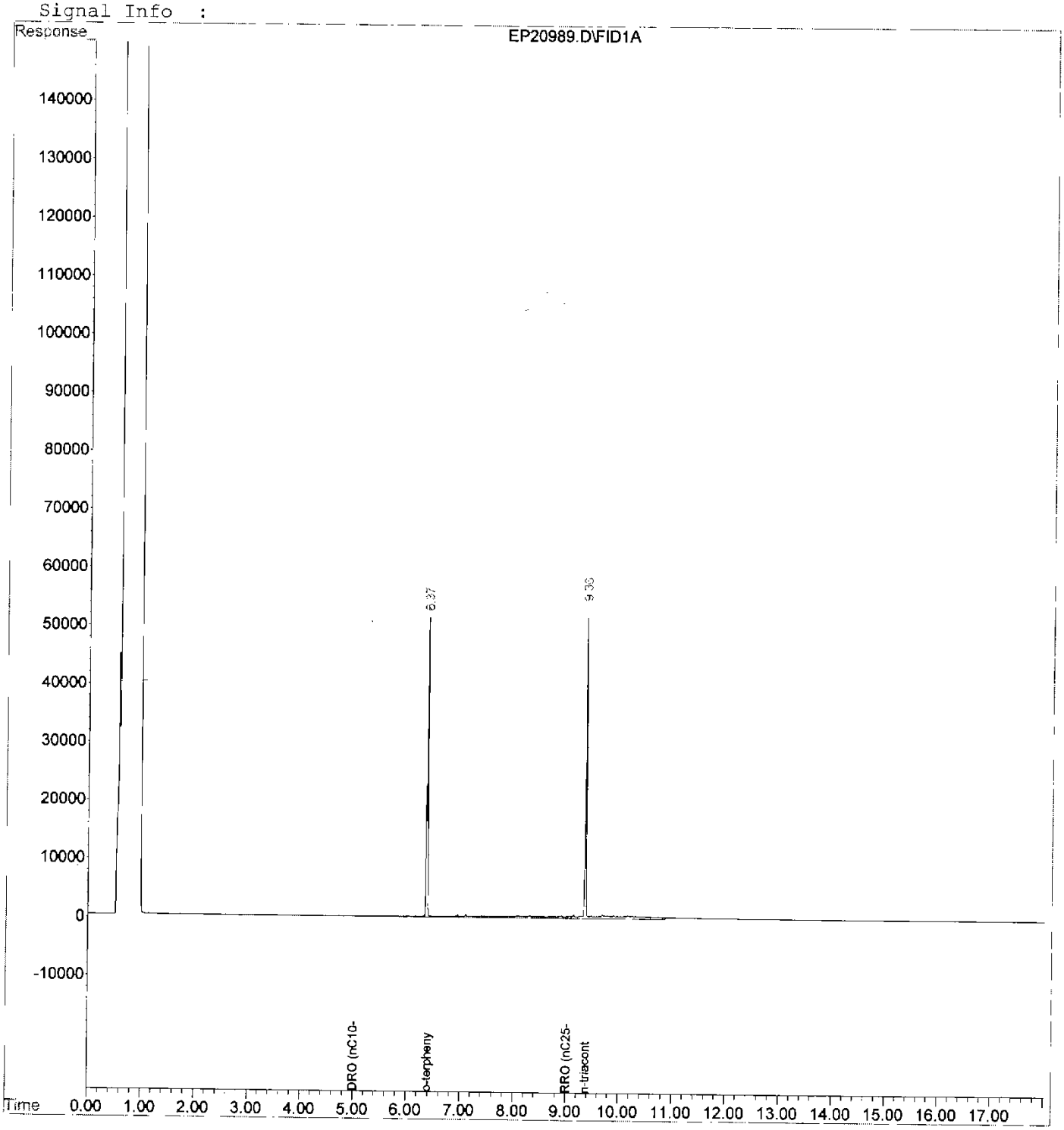
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	733585	20.565 ng/ul
2)	S	n-triacontane-d62 (S)	9.36	617637	20.589 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	283283	6.133 ng/ul
4)	H	RRO (nC25-nC36)	9.00	553691	21.717 ng/ul

Data File : G:\DATA\040407_A\EP20989.D
Acq On : 4 Apr 2007 15:14
Sample : 580-5404-A-14-E
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

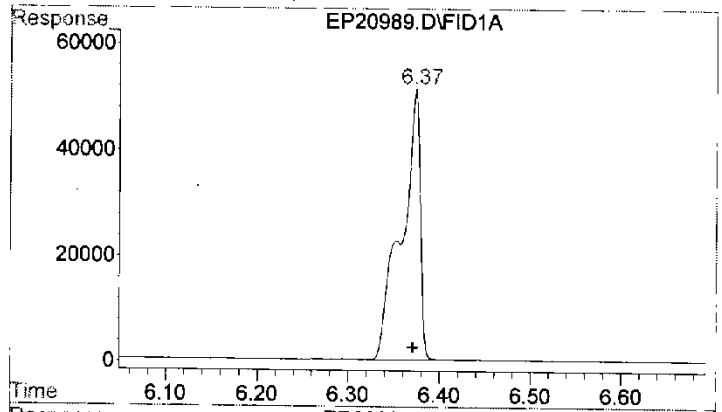
Vial: 11
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

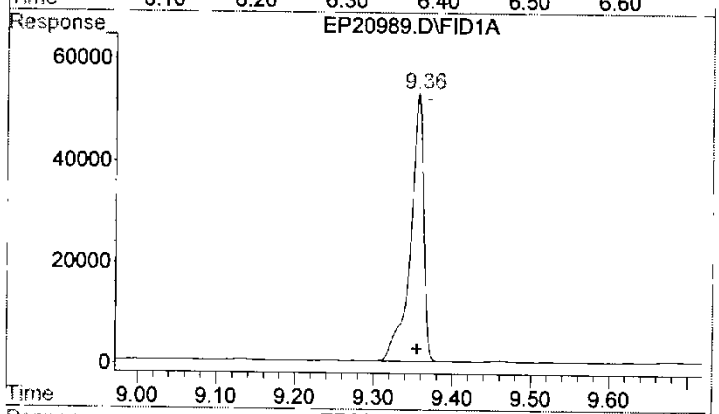


0049571



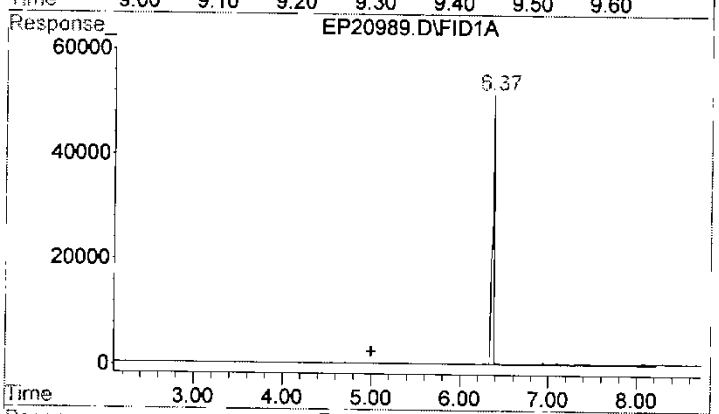
#1 o-terphenyl (S)

R.T.: 6.372 min
Delta R.T.: 0.001 min
Response: 733585
Conc: 20.57 ng/ul



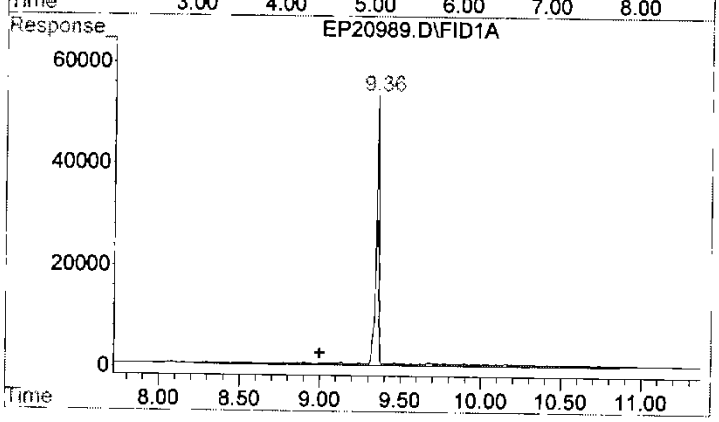
#2 n-triacontane-d62 (S)

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 617637
Conc: 20.59 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 283283
Conc: 6.13 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 553691
Conc: 21.72 ng/ul m

INITIAL CALIBRATION

Calibration Status Report SEA016

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	20	-1.00	0.00	G:\DATA\040207_A\EP20920.D
2	50	50.00	0.00	G:\DATA\040207_A\EP20921.D
3	100	100.00	0.00	G:\DATA\040207_A\EP20922.D
4	500	500.00	0.00	G:\DATA\040207_A\EP20923.D
5	1000	1000.00	0.00	G:\DATA\040207_A\EP20924.D
6	5000	5000.00	0.00	G:\DATA\040207_A\EP20925.D

#	ID	Update Time	Quant Time	Acquisition Time
1	20	Apr 02 13:35 2007	Apr 02 13:35 2007	
2	50	Apr 02 13:36 2007	Apr 02 13:36 2007	
3	100	Apr 02 13:36 2007	Apr 02 13:36 2007	
4	500	Apr 02 13:36 2007	Apr 02 13:36 2007	
5	1000	Apr 02 13:36 2007	Apr 02 13:36 2007	
6	5000	Apr 02 13:37 2007	Apr 02 13:37 2007	

AKXF0402.M Mon Apr 02 13:49:10 2007

Response Factor Report SEA016

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007

Calibration Files
20 =EP20920.D 50 =EP20921.D 100 =EP20922.D
500 =EP20923.D 1000 =EP20924.D 5000 =EP20925.D

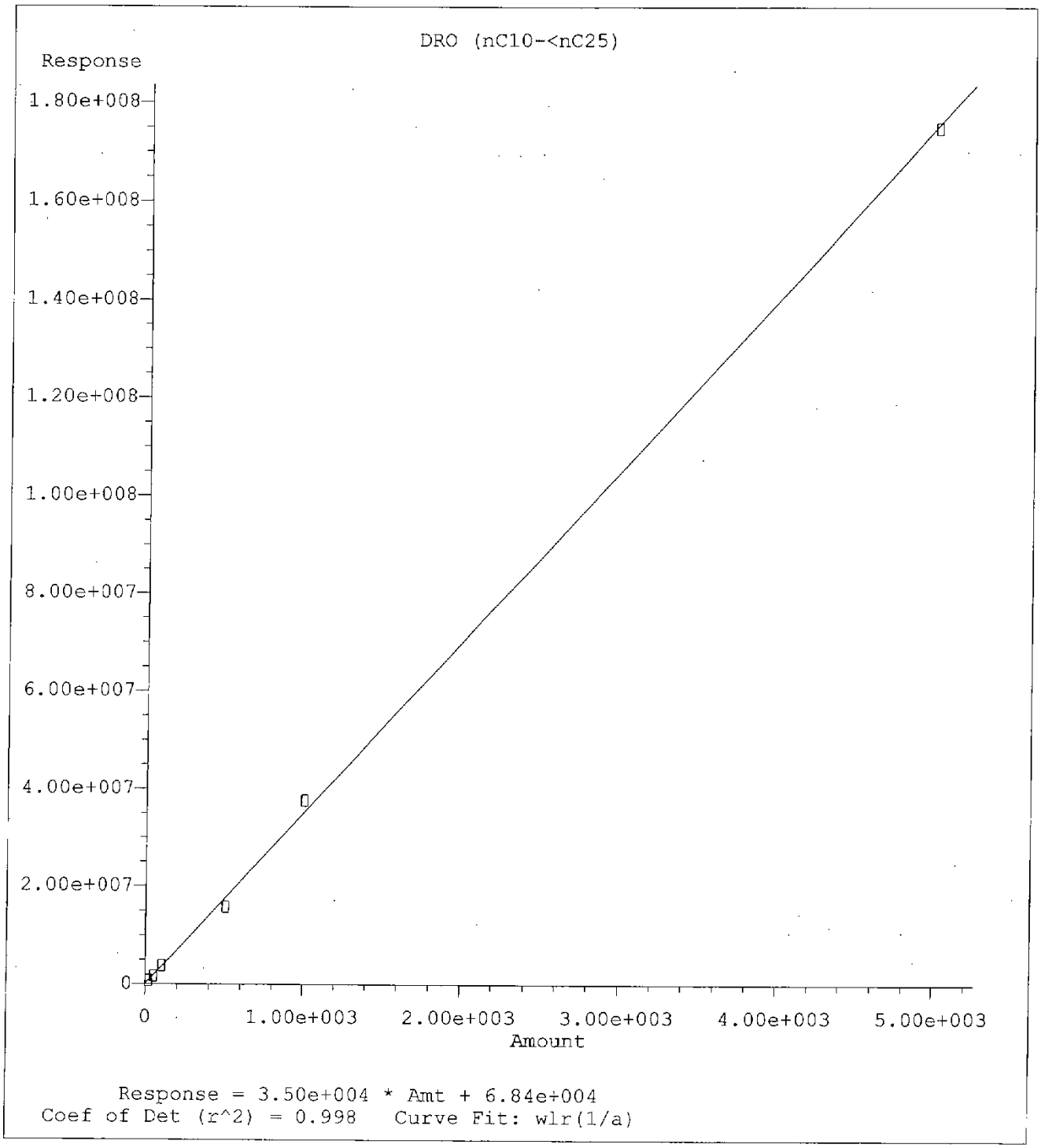
		Compound	20	50	100	500	1000	5000	Avg	%RSD
1)	S	o-terphenyl (S)		3.309	3.682	3.307	3.981	3.556	3.567 E4	7.91
2)	S	n-triacontane-d62 (		3.024	3.102	3.058	3.099	2.717	3.000 E4	5.39
3)	H	DRO (nC10-<nC25)	3.971	3.389	3.828	3.156	3.754	3.488	3.598 E4	8.49
4)	H	RRO (nC25-nC36)		2.048	1.945	1.728	1.852	1.595	1.834 E4	9.72

#) = Out of Range

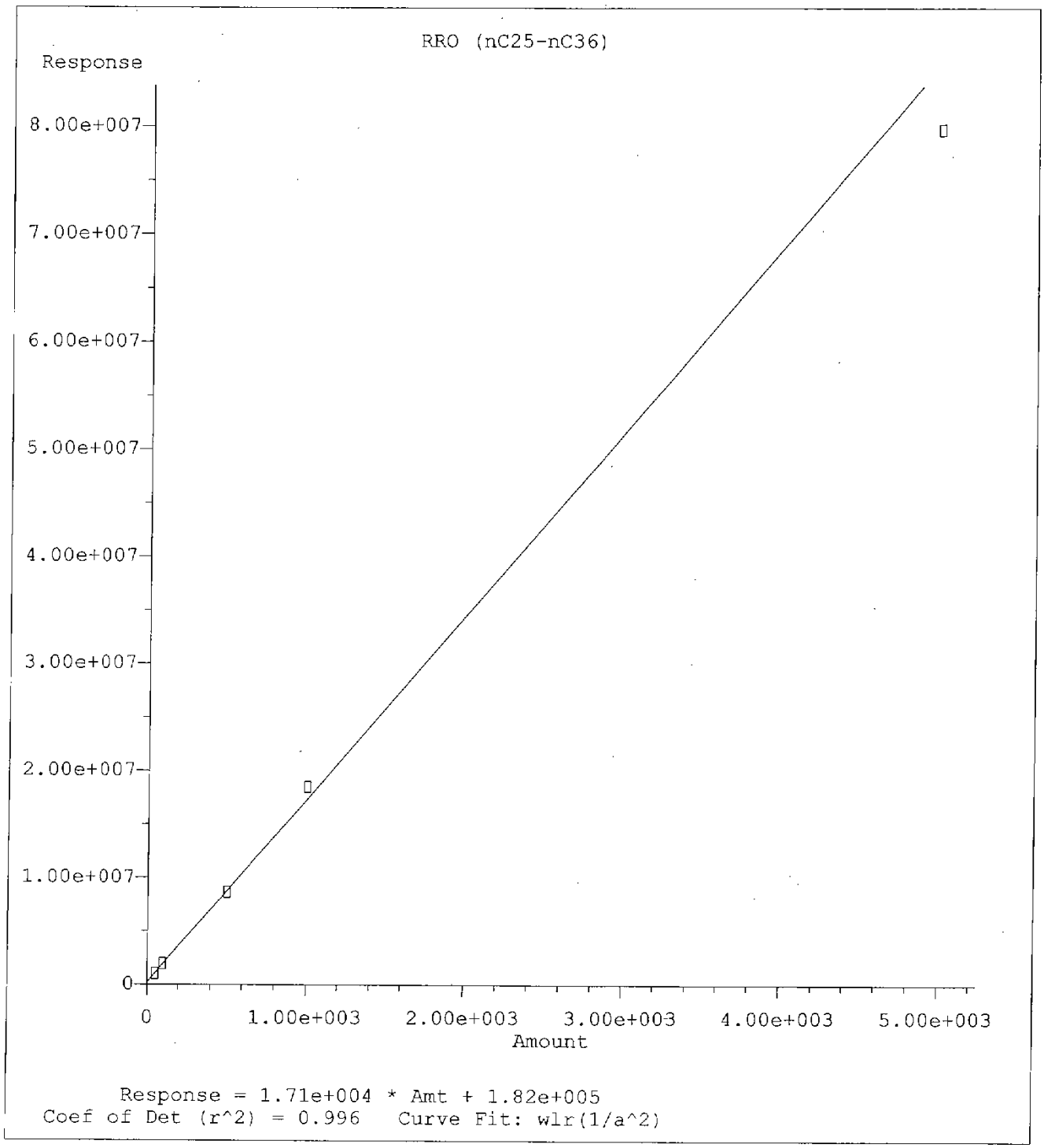
Injection Log

Directory: G:\DATA\040207_A

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	Ep20918.d	1.	rinse		2 Apr 2007 09:49
2	2	Ep20919.d	1.	1166-88-2 n-alkane rt std		2 Apr 2007 10:10
3	3	Ep20920.d	1.	IC 106693 20 ak102103		2 Apr 2007 10:47
4	4	Ep20921.d	1.	IC 106692 50 ak102103		2 Apr 2007 11:14
5	5	Ep20922.d	1.	IC 106664 100 ak102103		2 Apr 2007 11:41
6	6	Ep20923.d	1.	IC 106663 500 ak102103		2 Apr 2007 12:07
7	7	Ep20924.d	1.	IC 106662 1000 ak102103		2 Apr 2007 12:34
8	8	Ep20925.d	1.	IC 106661 5000 ak102103		2 Apr 2007 13:01
9	9	Ep20926.d	1.	ICV 106694 500 ak102103		2 Apr 2007 13:27



Method Name: G:\METHODS\AKXF0402.M
Calibration Table Last Updated: Mon Apr 02 13:46:34 2007



Method Name: G:\METHODS\AKXF0402.M
Calibration Table Last Updated: Mon Apr 02 13:46:34 2007

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20919.D Vial: 2
Acq On : 2 Apr 2007 10:10 Operator: RBF
Sample : 1166-88-2 n-alkane rt std Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:52 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : FACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

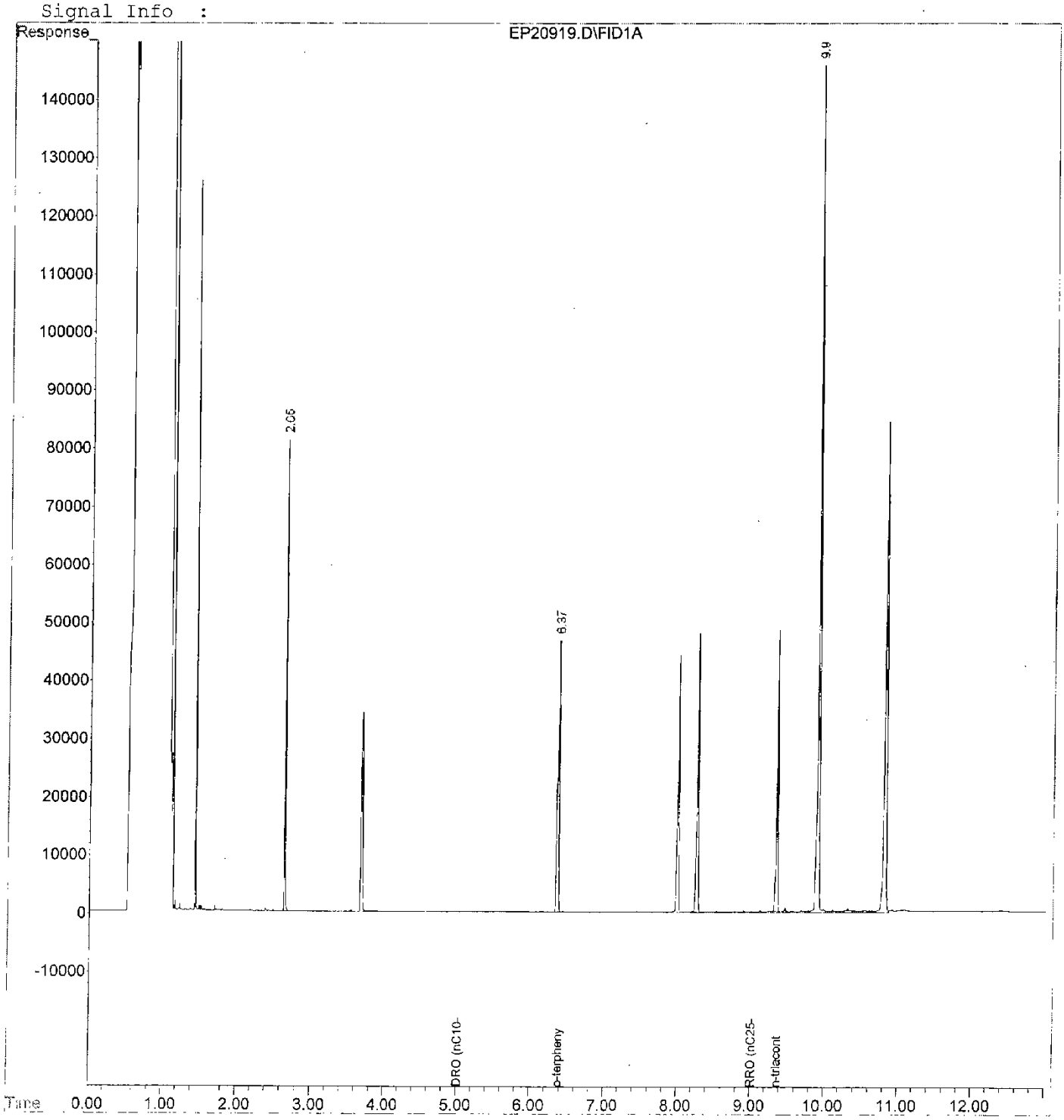
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.37	674431	18.907	ng/ul
2)	S	n-triacontane-d62 (S)	9.35	564627	18.822	ng/ul
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	1793281	49.239	ng/ul
4)	H	RRO (nC25-nC36)	9.00	4405872	246.605	ng/ul

Quantitation Report (Not Reviewed)

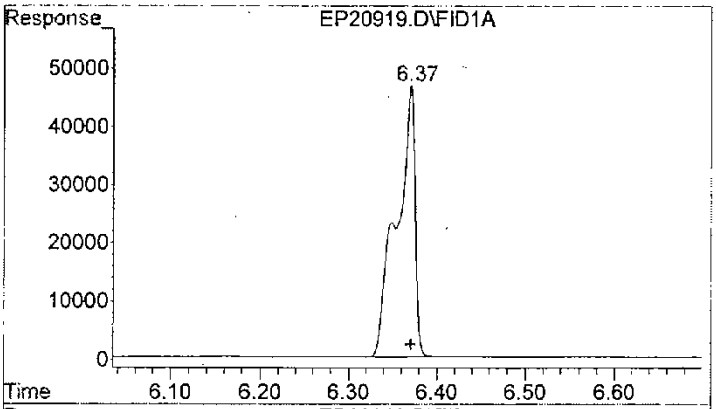
Data File : G:\DATA\040207_A\EP20919.D Vial: 2
Acq On : 2 Apr 2007 10:10 Operator: RBF
Sample : 1166-88-2 n-alkane rt std Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:52 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : FACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

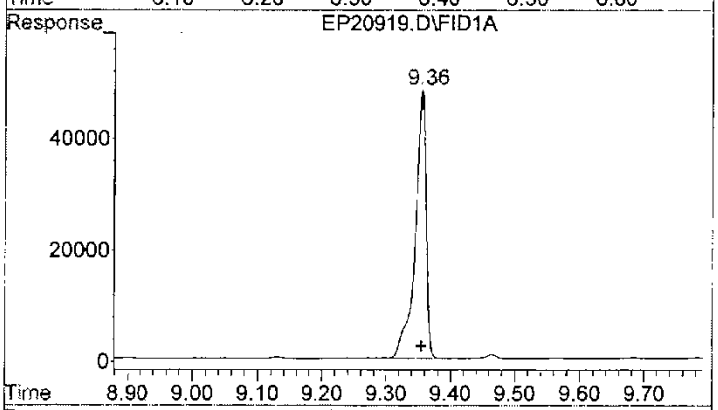


0004966



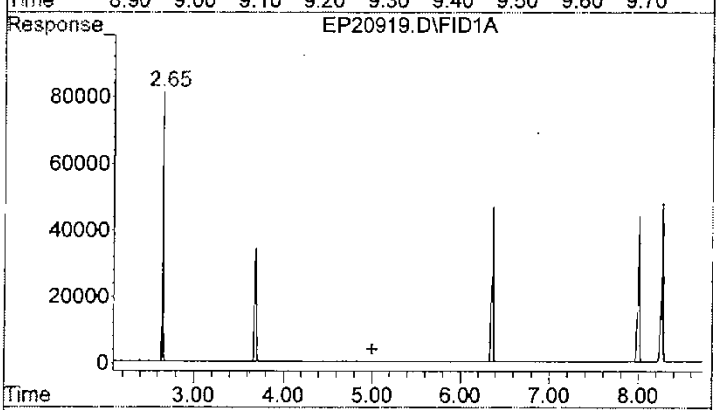
#1 o-terphenyl (S)

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 674431
Conc: 18.91 ng/ul



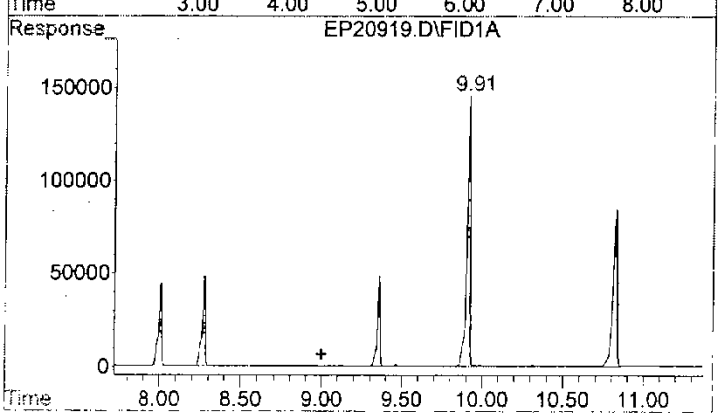
#2 n-triacontane-d62 (S)

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 564627
Conc: 18.82 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 1793281
Conc: 49.24 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 4405872
Conc: 246.61 ng/ul m

0004967

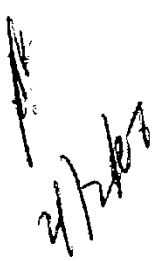
Quantitation Report (QT Reviewed)

Data File : G:\DATA\040207_A\EP20920.D Vial: 3
Acq On : 2 Apr 2007 10:47 Operator: RBF
Sample : IC 106693 20 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:47 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	27657	0.775 ng/ulm
2)	S	n-triacontane-d62 (S)	9.36	23120	0.771 ng/ulm
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	795937	20.768 ng/ul
4)	H	RRO (nC25-nC36)	9.00	530762	20.378 ng/ul



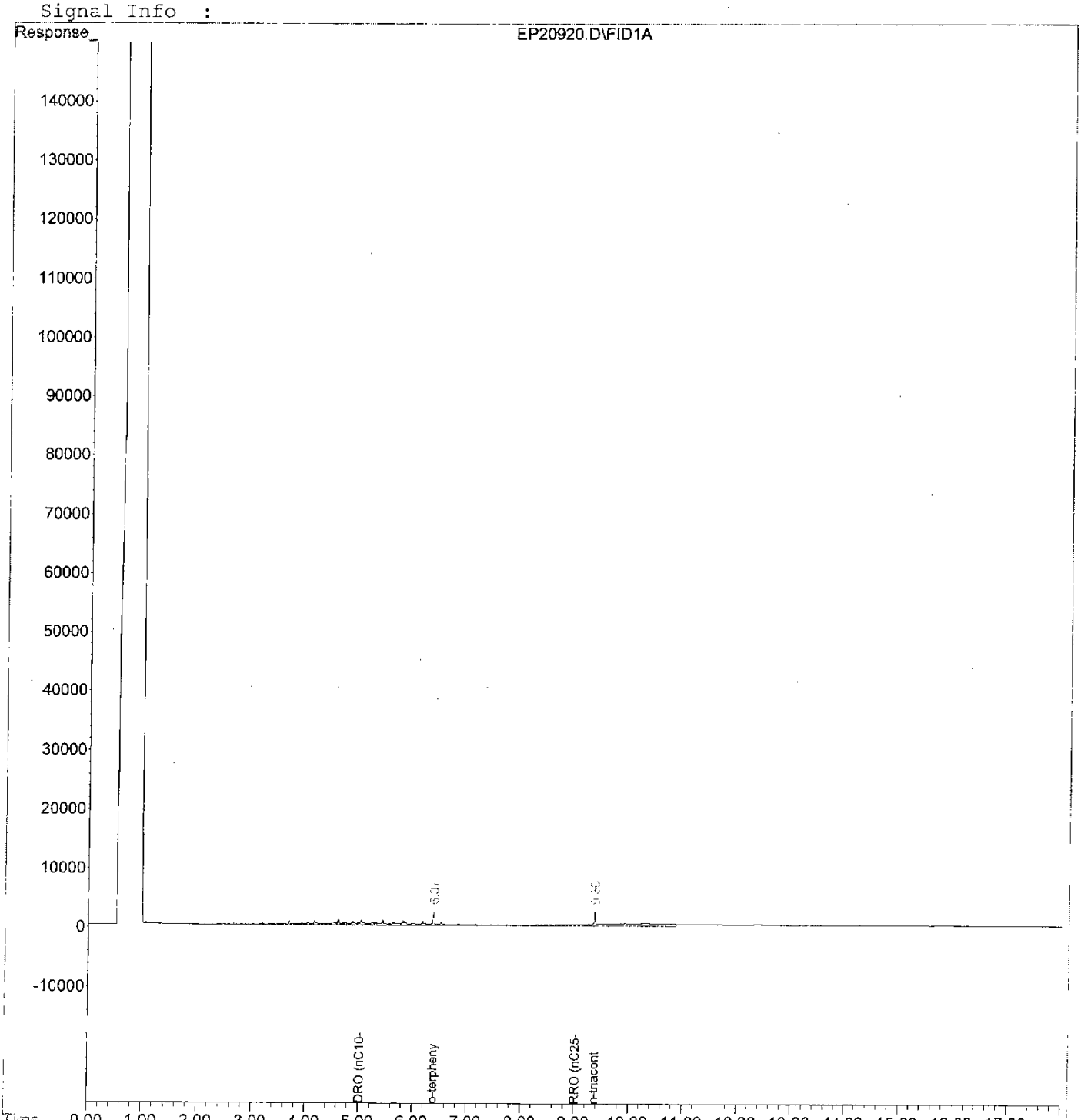
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (QT Reviewed)

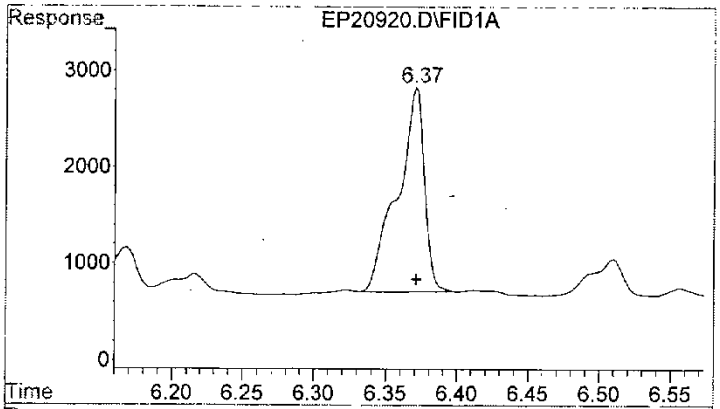
Data File : G:\DATA\040207_A\EP20920.D Vial: 3
Acq On : 2 Apr 2007 10:47 Operator: RBF
Sample : IC 106693 20 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:47 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

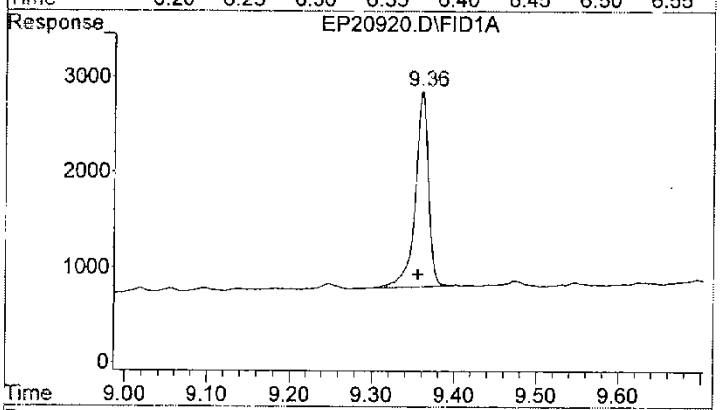


0004969



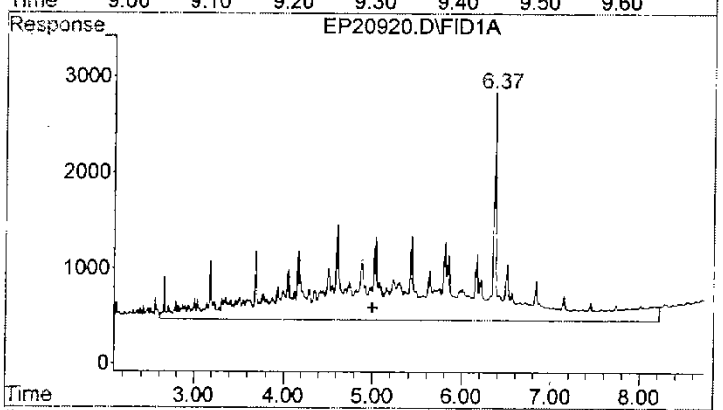
#1 o-terphenyl (S)

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 27657
Conc: 0.78 ng/ul m



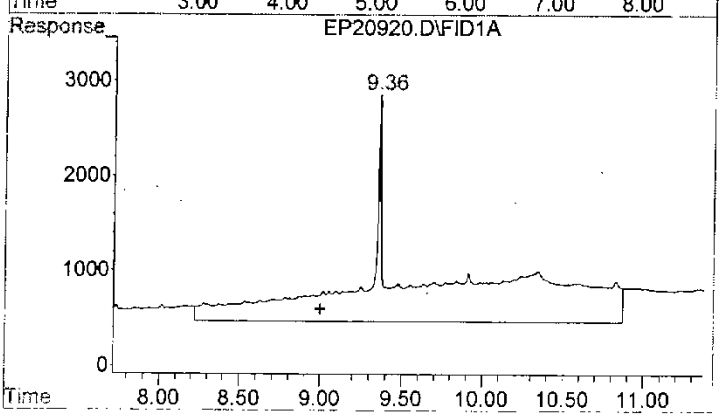
#2 n-triacontane-d62 (S)

R.T.: 9.359 min
Delta R.T.: 0.004 min
Response: 23120
Conc: 0.77 ng/ul m



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 795937
Conc: 20.77 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 530762
Conc: 20.38 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20921.D Vial: 4
Acq On : 2 Apr 2007 11:14 Operator: RBF
Sample : IC 106692 50 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

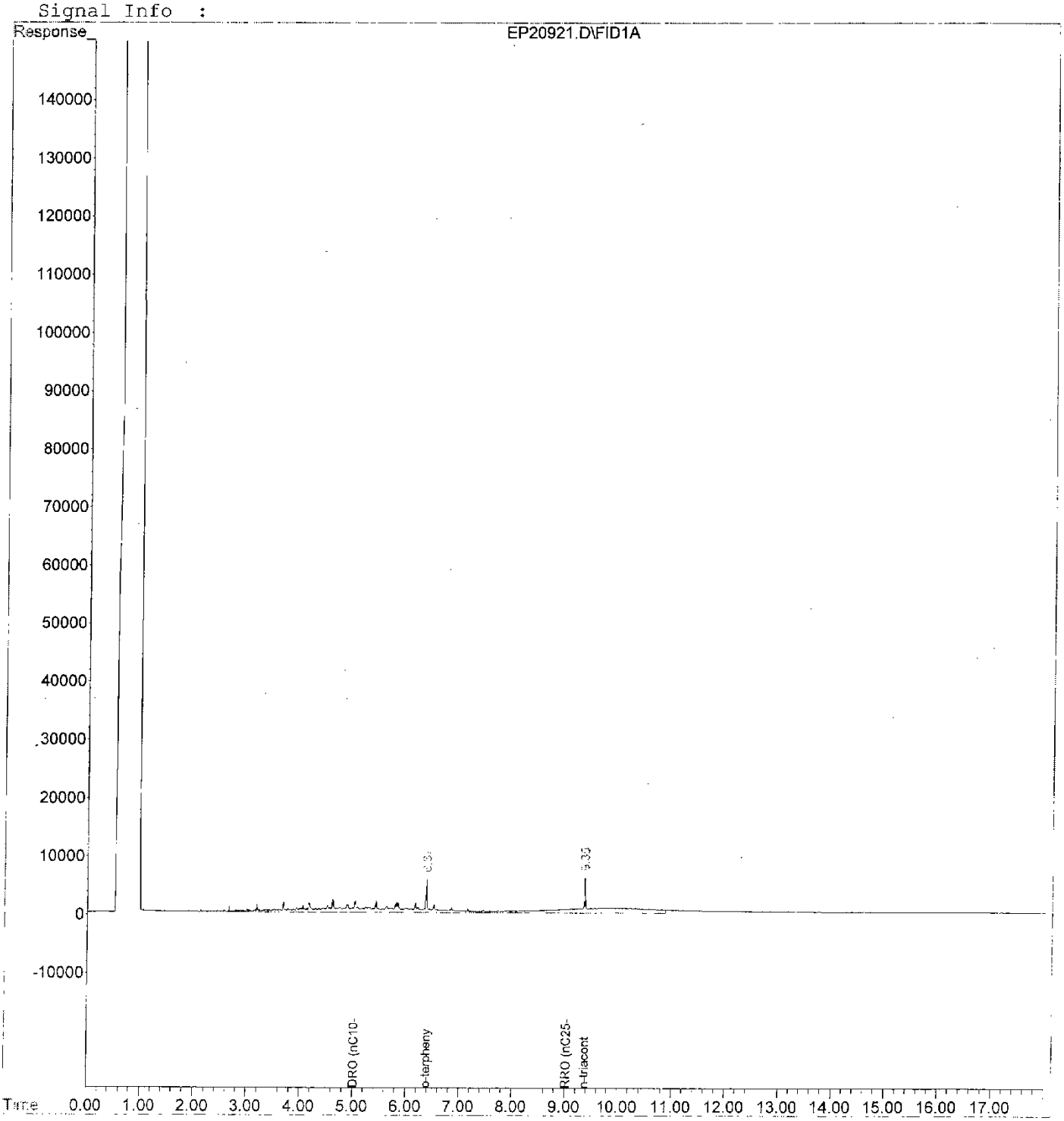
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	67309	1.887 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	60897	2.030 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	1698946	46.546 ng/ul
4)	H	RRO (nC25-nC36)	9.00	1024221	49.186 ng/ul

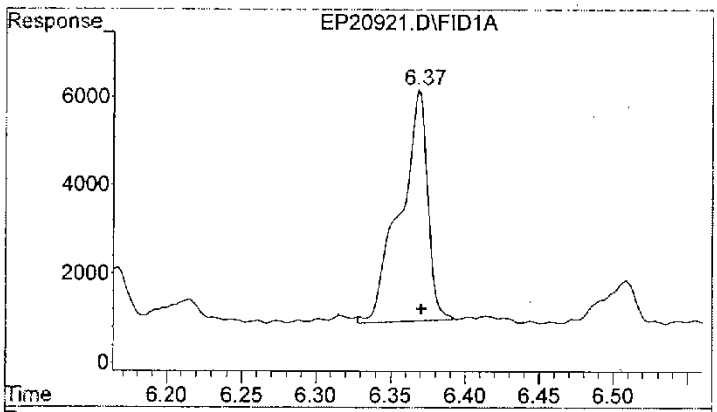
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20921.D Vial: 4
Acq On : 2 Apr 2007 11:14 Operator: RBF
Sample : IC 106692 50 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

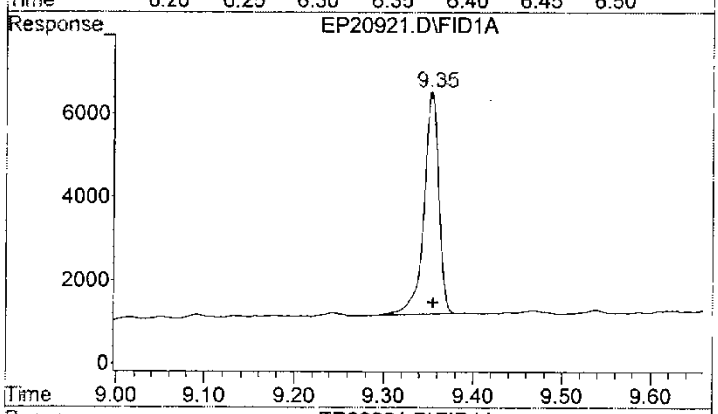
Volume Inj. :
Signal Phase :
Signal Info :





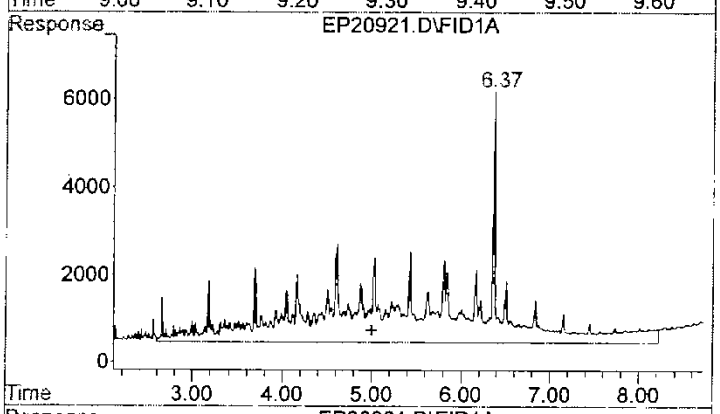
#1 o-terphenyl (S)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 67309
Conc: 1.89 ng/ul



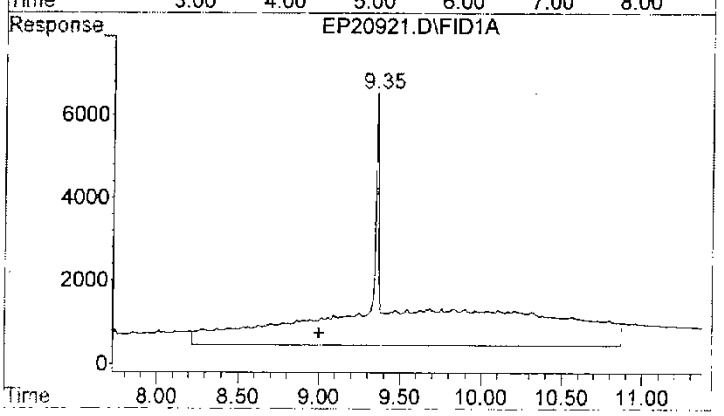
#2 n-triacontane-d62 (S)

R.T.: 9.354 min
Delta R.T.: -0.001 min
Response: 60897
Conc: 2.03 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 1698946
Conc: 46.55 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 1024221
Conc: 49.19 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20922.D Vial: 5
Acq On : 2 Apr 2007 11:41 Operator: RBF
Sample : IC 106664 100 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

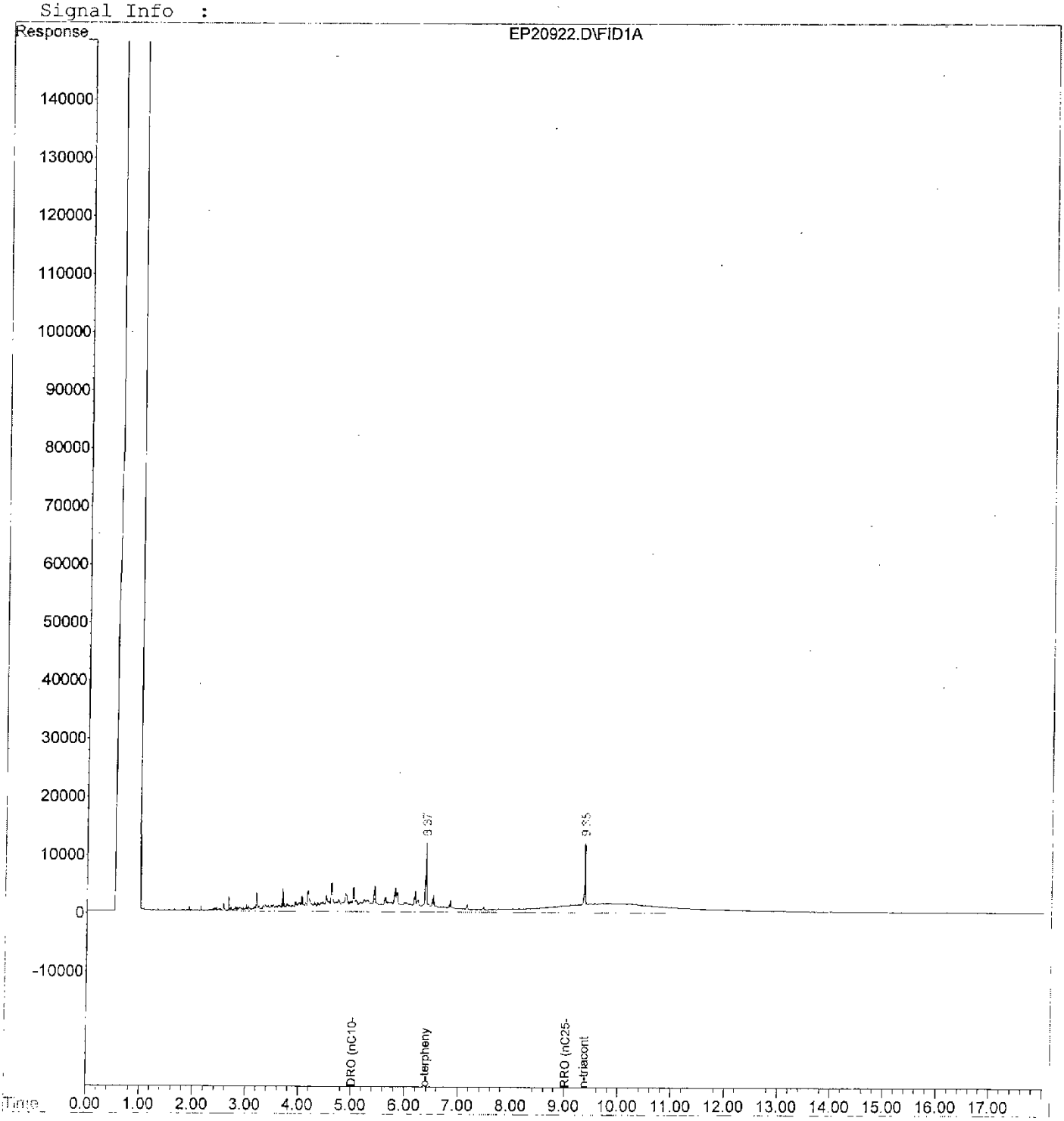
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	149789	4.199 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	124959	4.166 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	3837889	107.606 ng/ul
4)	H	RRO (nC25-nC36)	9.00	1945071	102.945 ng/ul

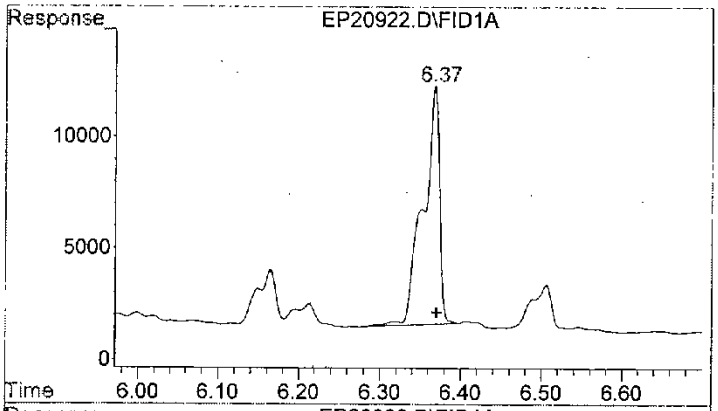
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20922.D Vial: 5
Acq On : 2 Apr 2007 11:41 Operator: RBF
Sample : IC 106664 100 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

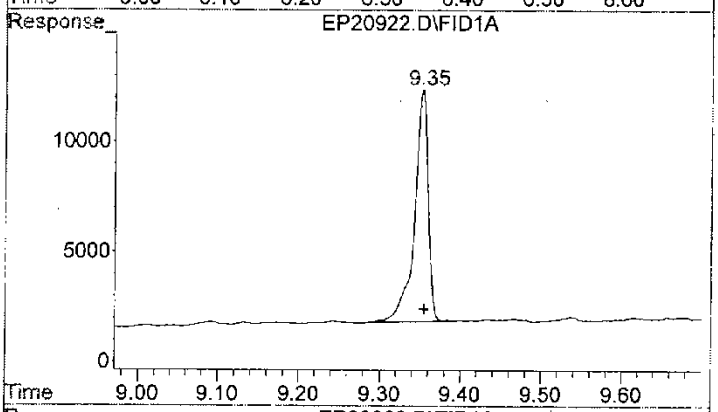
Volume Inj. :
Signal Phase :
Signal Info :





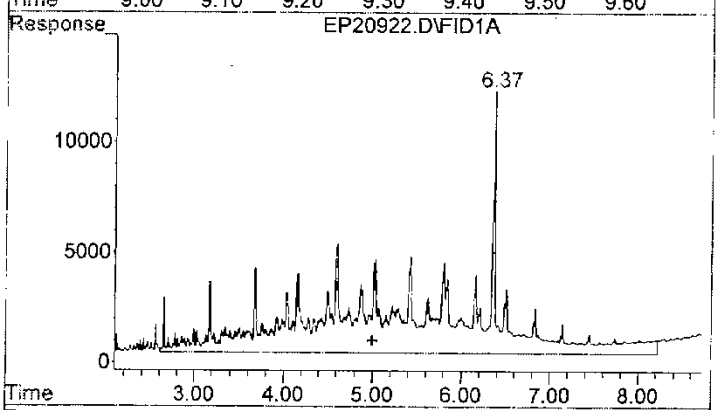
#1 o-terphenyl (S)

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 149789
Conc: 4.20 ng/ul



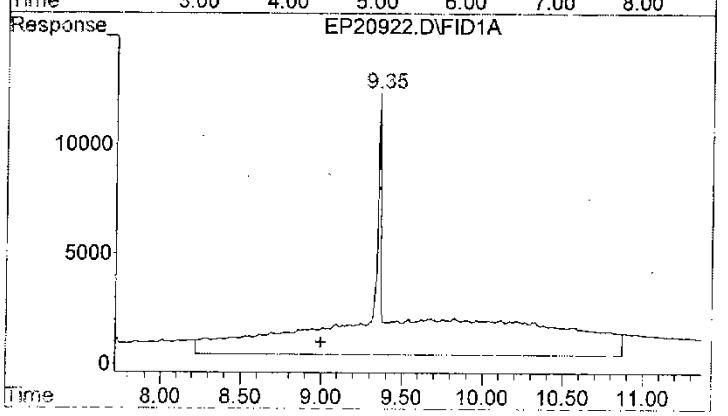
#2 n-triacontane-d62 (S)

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 124959
Conc: 4.17 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 3837889
Conc: 107.61 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 1945071
Conc: 102.94 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20923.D Vial: 6
Acq On : 2 Apr 2007 12:07 Operator: RBF
Sample : IC 106663 500 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

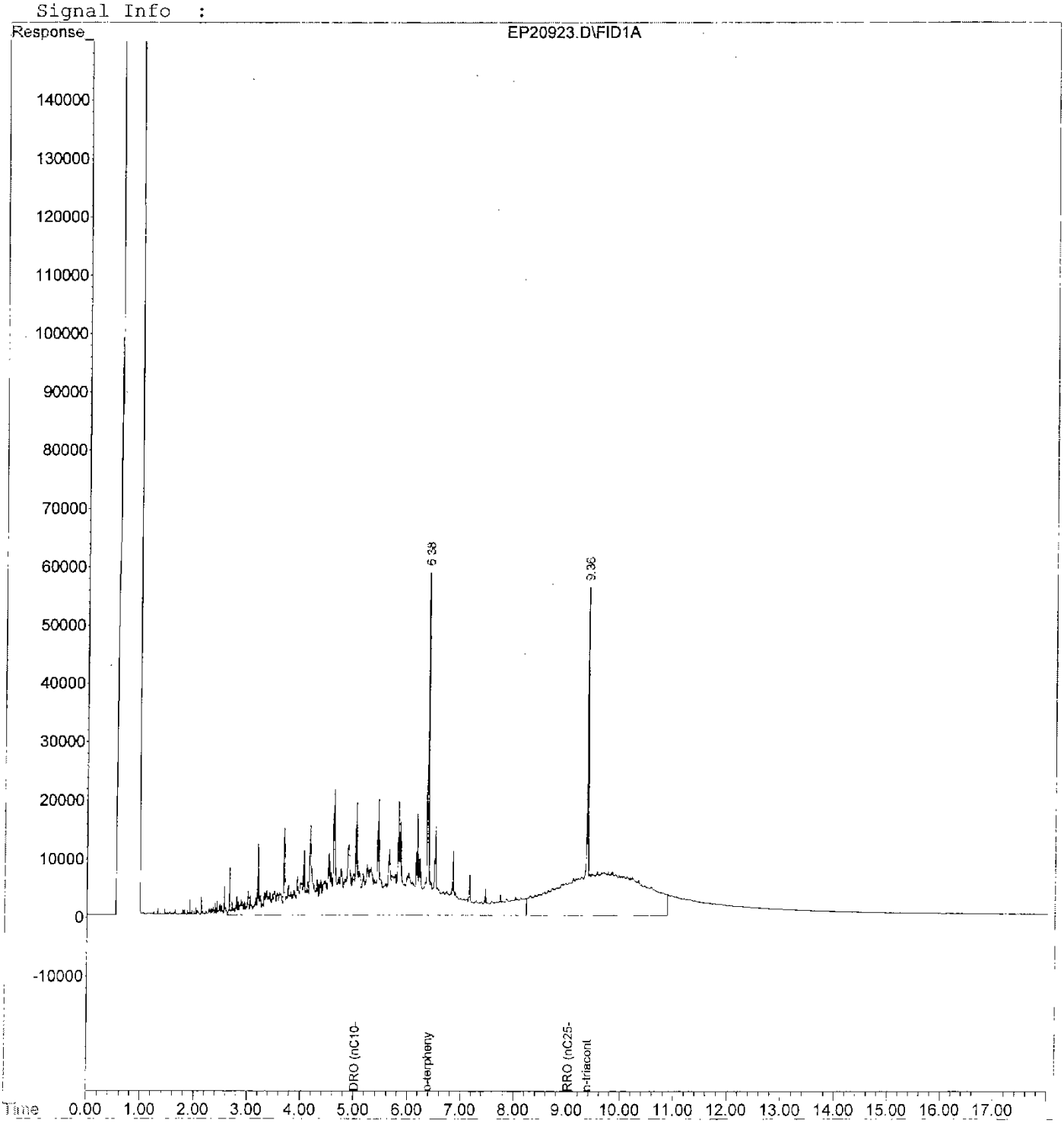
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.38	672725	18.859	ng/ul
2)	S	n-triacontane-d62 (S)	9.36	615820	20.528	ng/ul
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	15824554	449.789	ng/ul
4)	H	RRO (nC25-nC36)	9.00	8639147	493.742	ng/ul

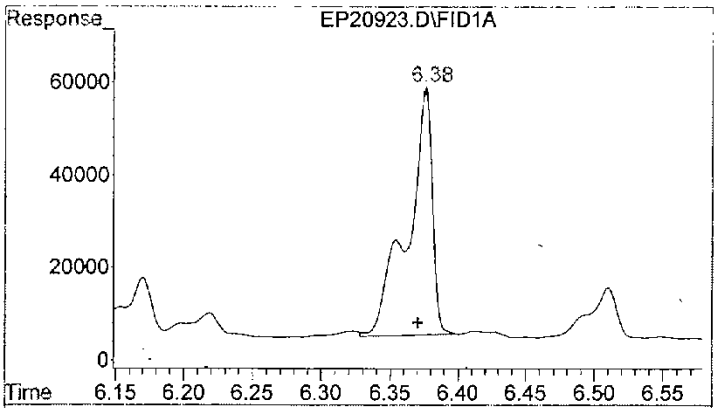
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20923.D Vial: 6
Acq On : 2 Apr 2007 12:07 Operator: RBF
Sample : IC 106663 500 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

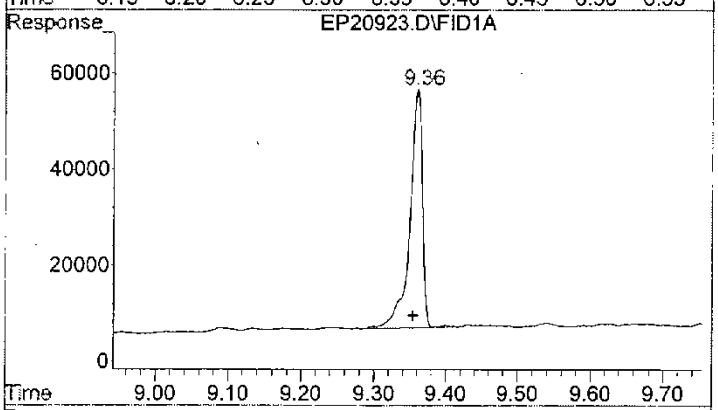
Volume Inj. :
Signal Phase :
Signal Info :





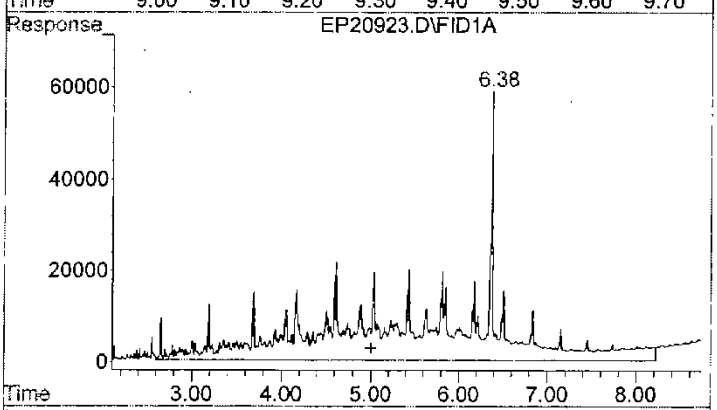
#1 o-terphenyl (S)

R.T.: 6.375 min
Delta R.T.: 0.005 min
Response: 672725
Conc: 18.86 ng/ul



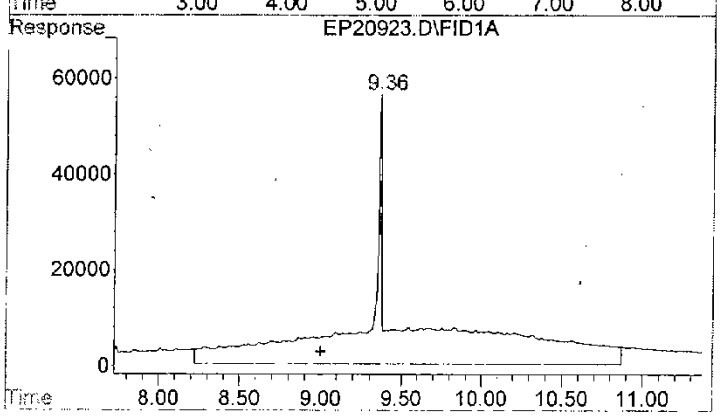
#2 n-triacontane-d62 (S)

R.T.: 9.360 min
Delta R.T.: 0.005 min
Response: 615820
Conc: 20.53 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 15824554
Conc: 449.79 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 8639147
Conc: 493.74 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20924.D Vial: 7
Acq On : 2 Apr 2007 12:34 Operator: RBF
Sample : IC 106662 1000 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

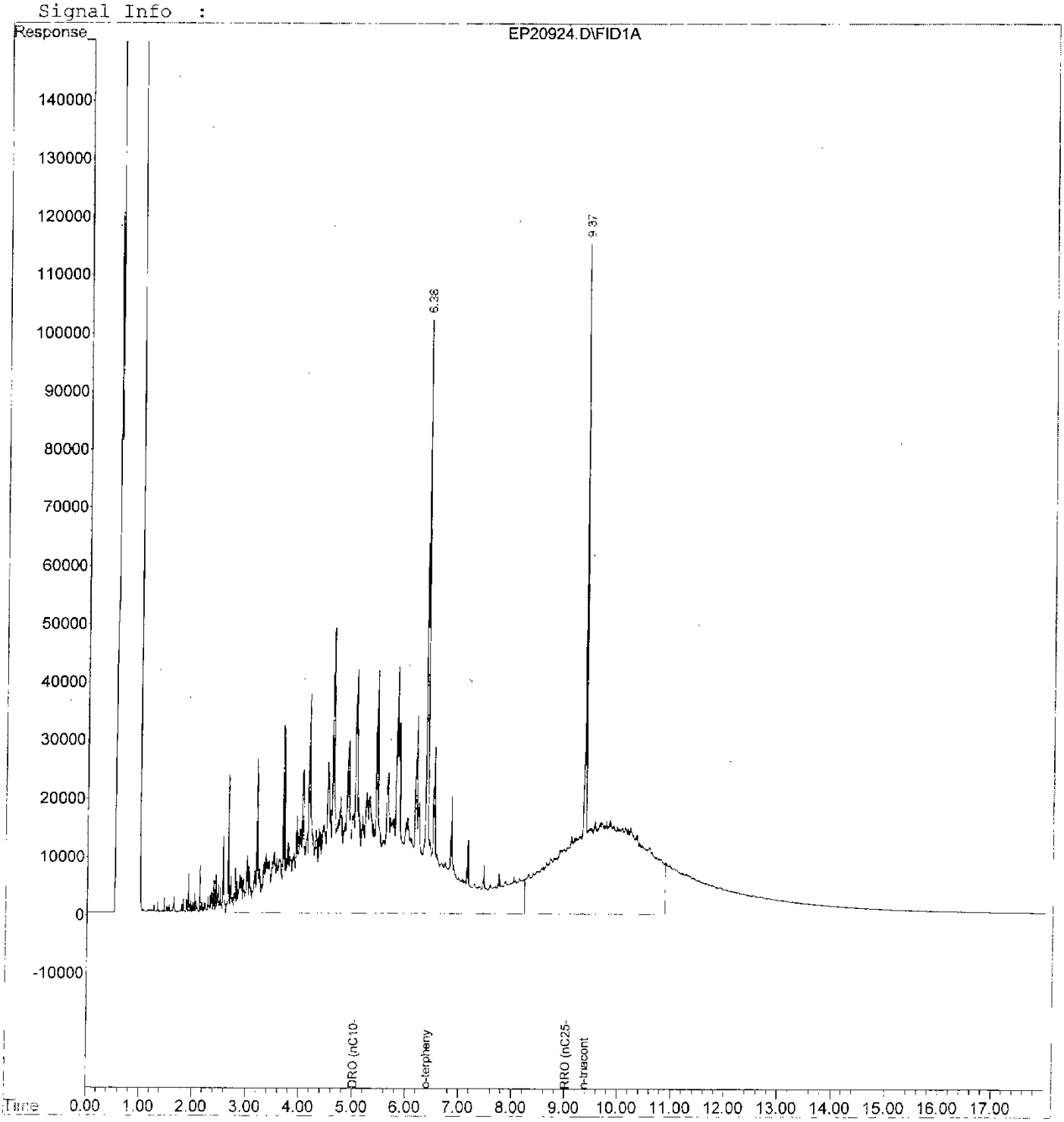
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.38	1619301	45.395	ng/ul
2)	S	n-triacontane-d62 (S)	9.37	1248236	41.610	ng/ul
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	37641516	1072.597	ng/ul
4)	H	RRO (nC25-nC36)	9.00	18517060	1070.410	ng/ul

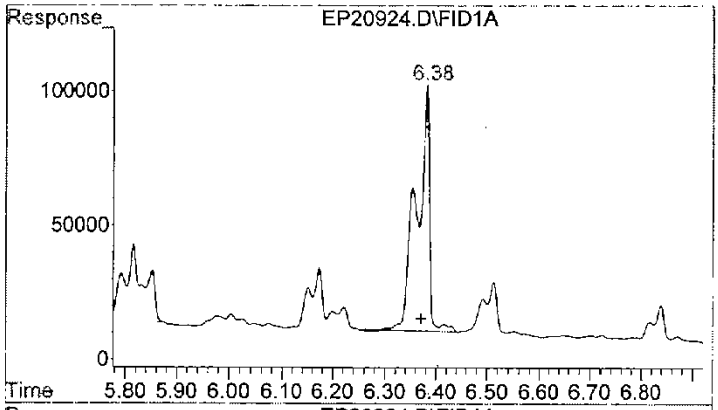
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20924.D Vial: 7
Acq On : 2 Apr 2007 12:34 Operator: RBF
Sample : IC 106662 1000 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

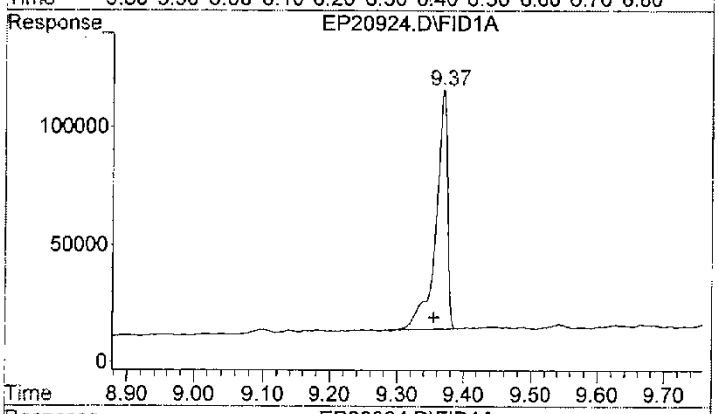
Volume Inj. :
Signal Phase :
Signal Info :





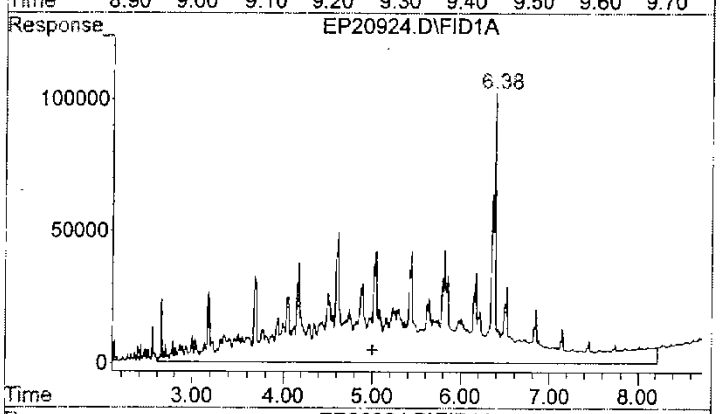
#1 o-terphenyl (S)

R.T.: 6.380 min
Delta R.T.: 0.009 min
Response: 1619301
Conc: 45.40 ng/ul



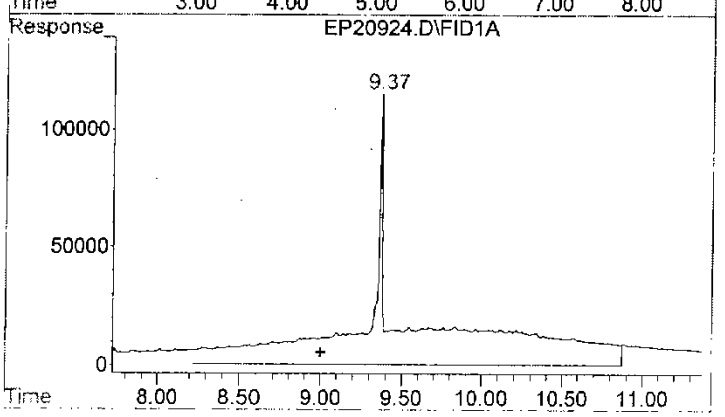
#2 n-triacontane-d62 (S)

R.T.: 9.368 min
Delta R.T.: 0.013 min
Response: 1248236
Conc: 41.61 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 37641516
Conc: 1072.60 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 18517060
Conc: 1070.41 ng/ul m

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040207_A\EP20925.D Vial: 8
Acq On : 2 Apr 2007 13:01 Operator: RBF
Sample : IC 106661 5000 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.42f	7235558	202.840	ng/ulm
2)	S	n-triacontane-d62 (S)	9.41f	5362579	178.762	ng/ulm
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	174890417	4990.636	ng/ul
4)	H	RRO (nC25-nC36)	9.00	79850788	4651.047	ng/ul

4/2/07

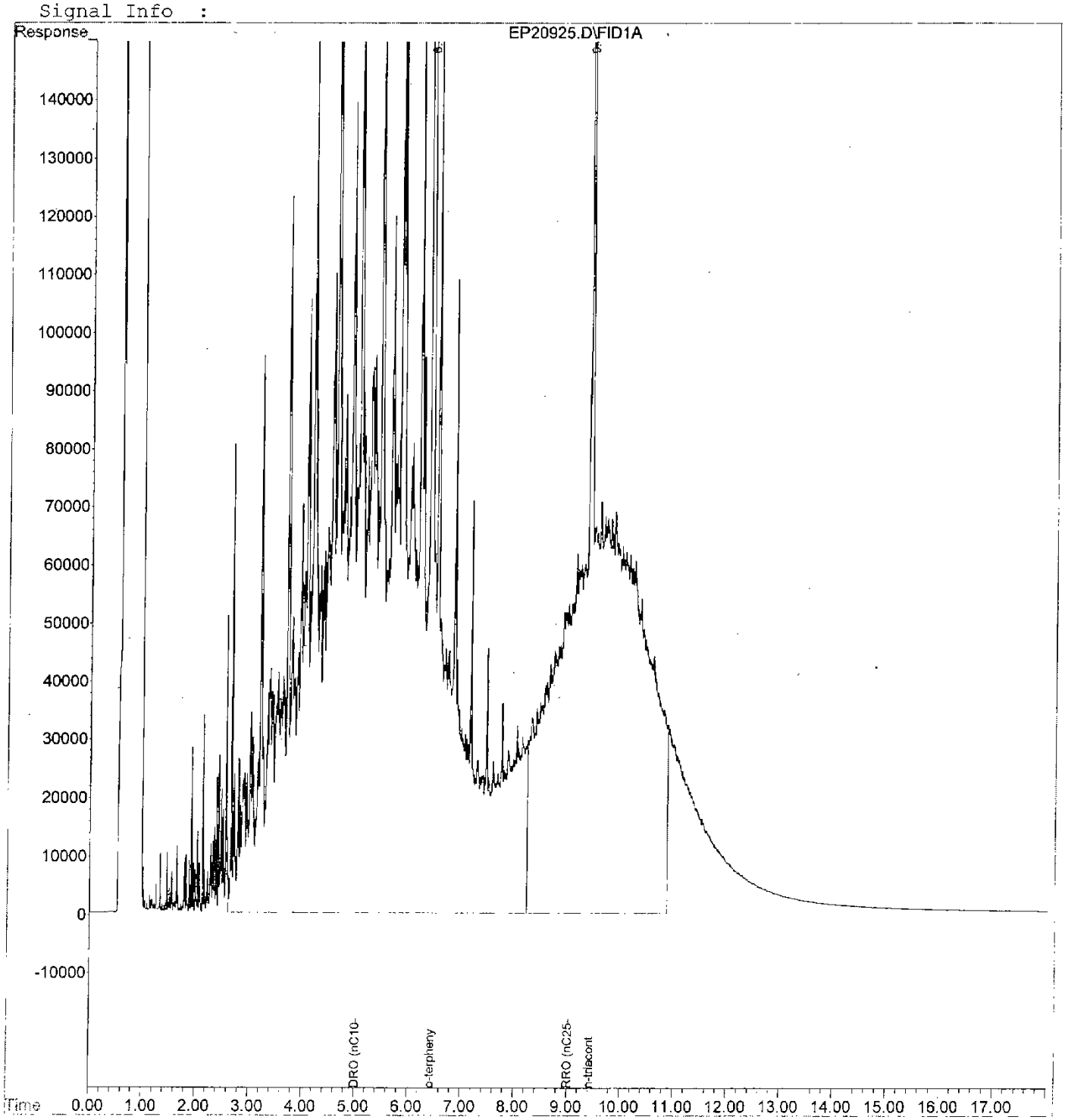
(f)=RT Delta > 1/2 Window (m)=manual int.
EP20925.D AKXF0402.M Mon Apr 02 13:50:32 2007 Page 1

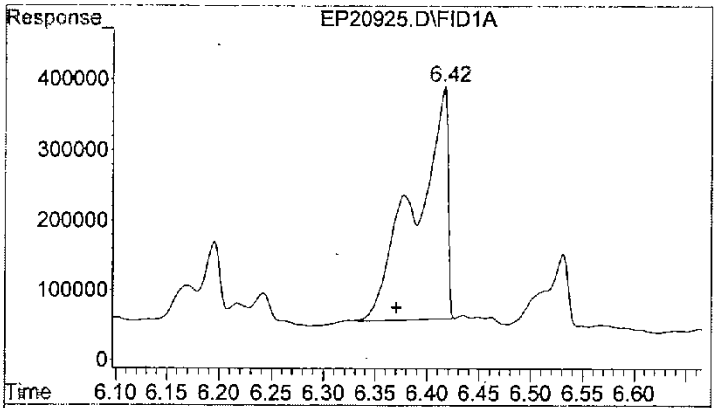
Quantitation Report (QT Reviewed)

Data File : G:\DATA\040207_A\EP20925.D Vial: 8
Acq On : 2 Apr 2007 13:01 Operator: RBF
Sample : IC 106661 5000 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

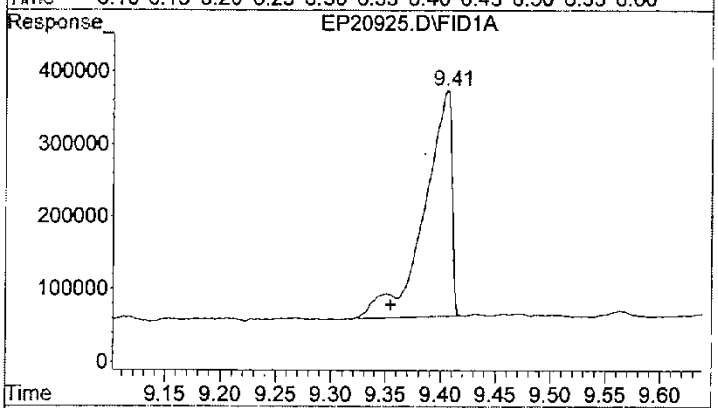
Volume Inj. :
Signal Phase :
Signal Info :





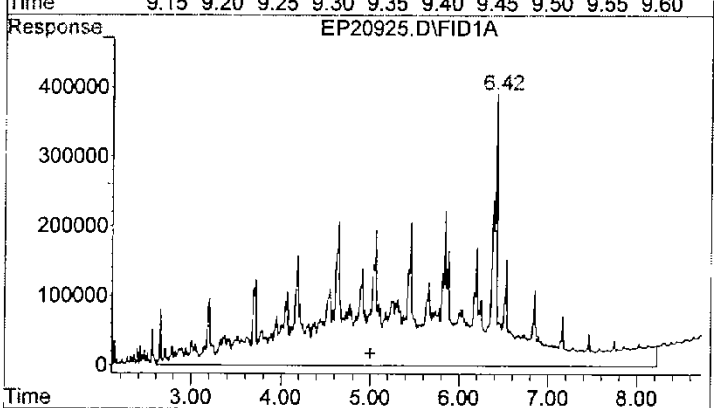
#1 o-terphenyl (S)

R.T.: 6.416 min
Delta R.T.: 0.045 min
Response: 7235558
Conc: 202.84 ng/ul m



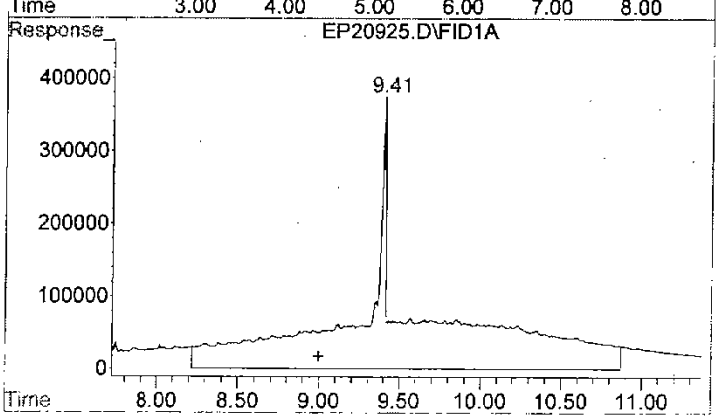
#2 n-triacontane-d62 (S)

R.T.: 9.405 min
Delta R.T.: 0.050 min
Response: 5362579
Conc: 178.76 ng/ul m



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 174890417
Conc: 4990.64 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 79850788
Conc: 4651.05 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040207_A\EP20926.D Vial: 9
Acq On : 2 Apr 2007 13:27 Operator: RBF
Sample : ICV 106694 500 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:46 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

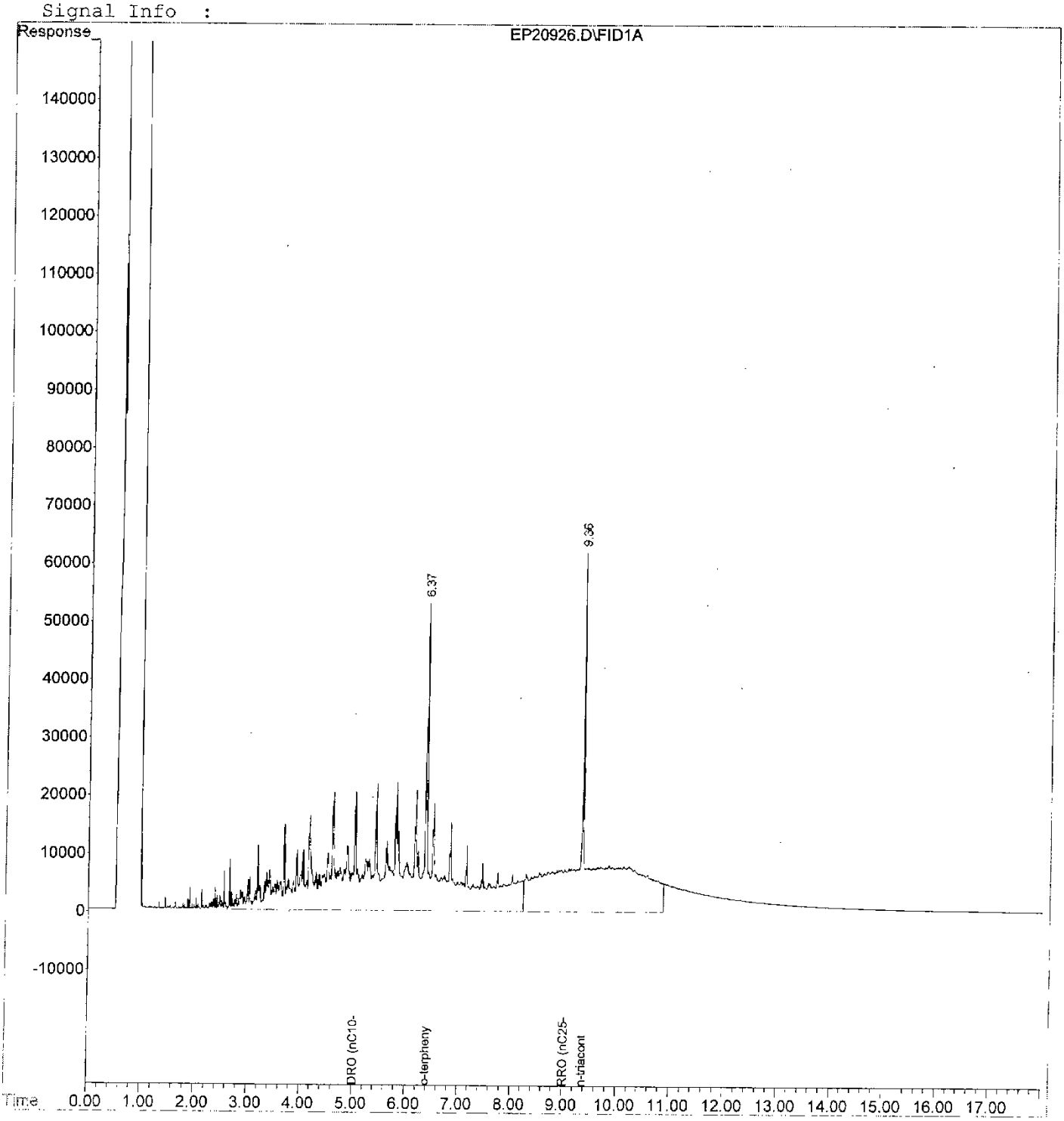
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	754865	21.162 ng/ul
2)	S	n-triacontane-d62 (S)	9.36	614285	20.477 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	19207649	546.366 ng/ul
4)	H	RRO (nC25-nC36)	9.00	10769806	618.129 ng/ul

Quantitation Report (Not Reviewed)

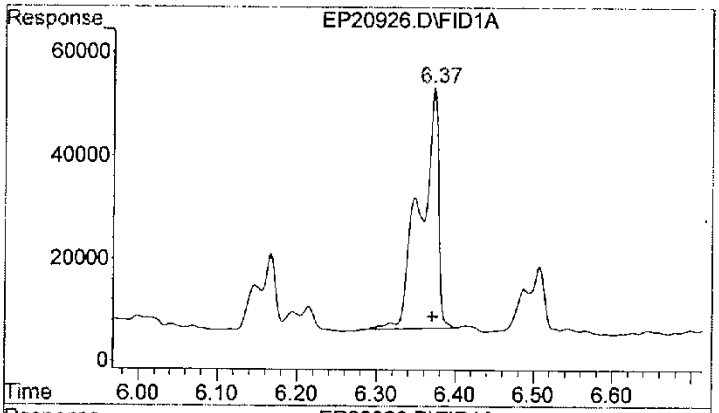
Data File : G:\DATA\040207_A\EP20926.D Vial: 9
Acq On : 2 Apr 2007 13:27 Operator: RBF
Sample : ICV 106694 500 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:46 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

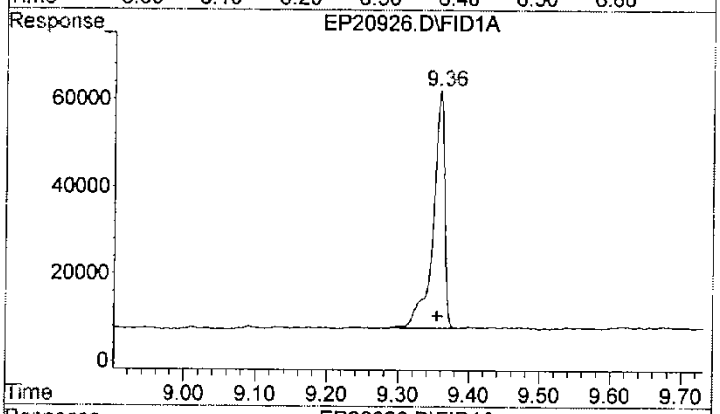


0049987



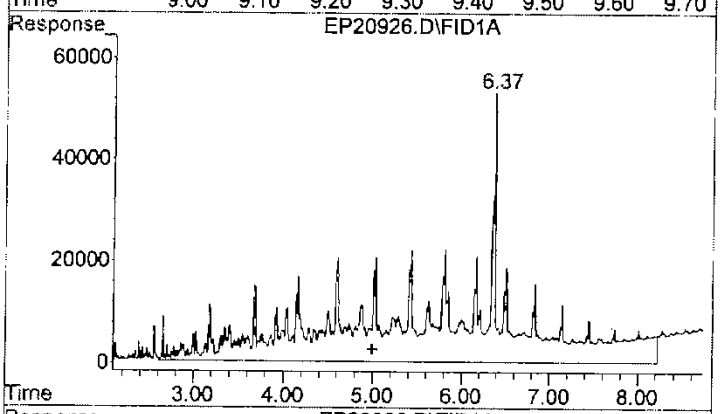
#1 o-terphenyl (S)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 754865
Conc: 21.16 ng/ul



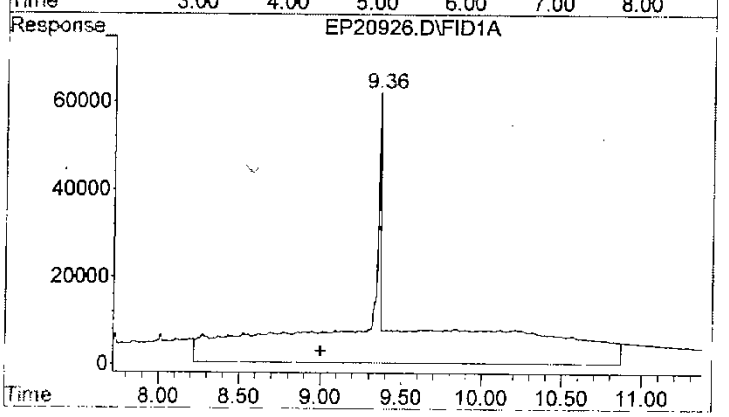
#2 n-triacontane-d62 (S)

R.T.: 9.358 min
Delta R.T.: 0.002 min
Response: 614285
Conc: 20.48 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 19207649
Conc: 546.37 ng/ul m



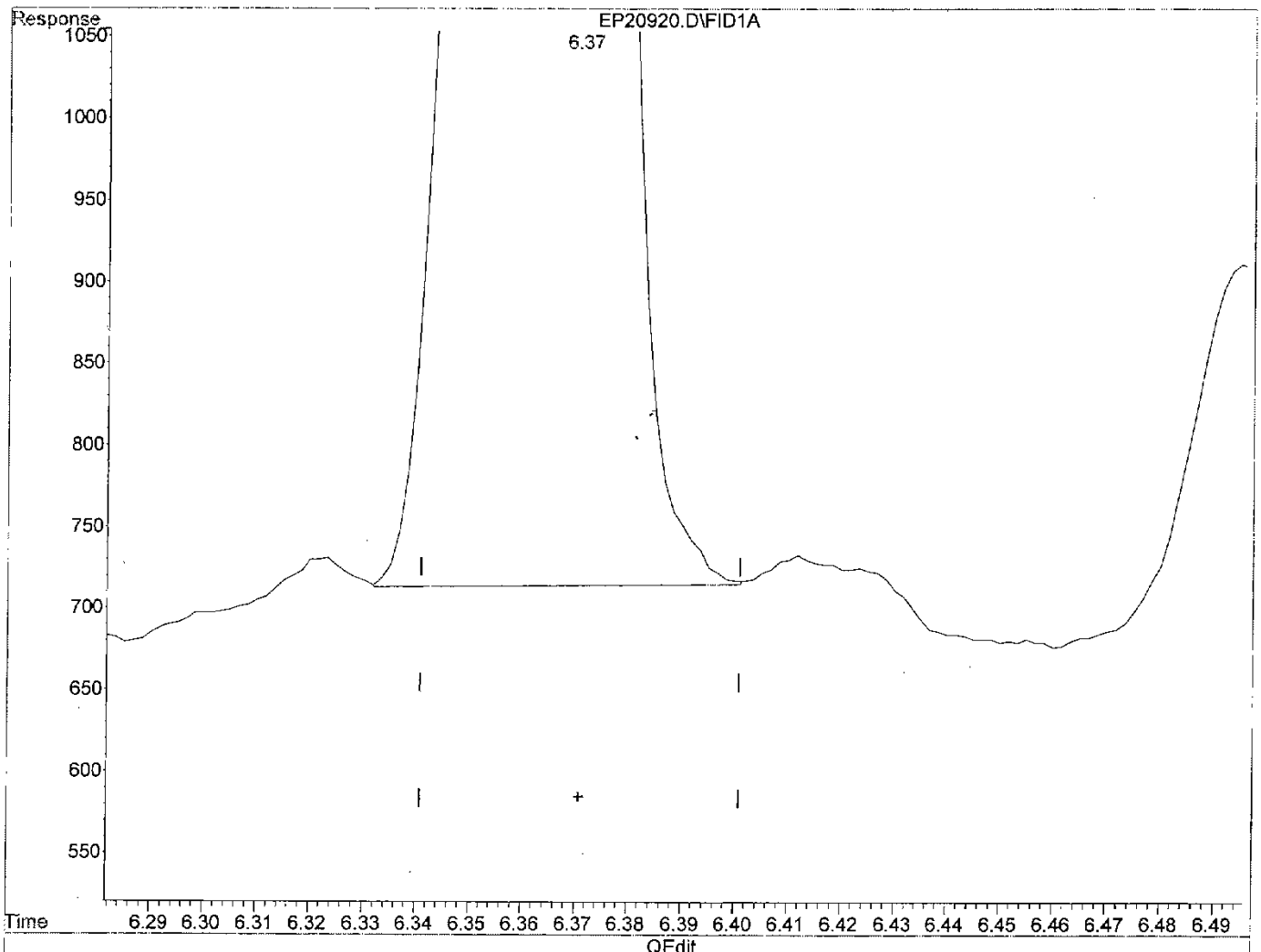
#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 10769806
Conc: 618.13 ng/ul m

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20920.D Vial: 3
Acq On : 2 Apr 2007 10:47 Operator: RBF
Sample : IC 106693 20 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:47 2007 Quant Results File: AKXF0402.RES

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration



(1) o-terphenyl (S) (S)

6.37min 0.775ng/ul m

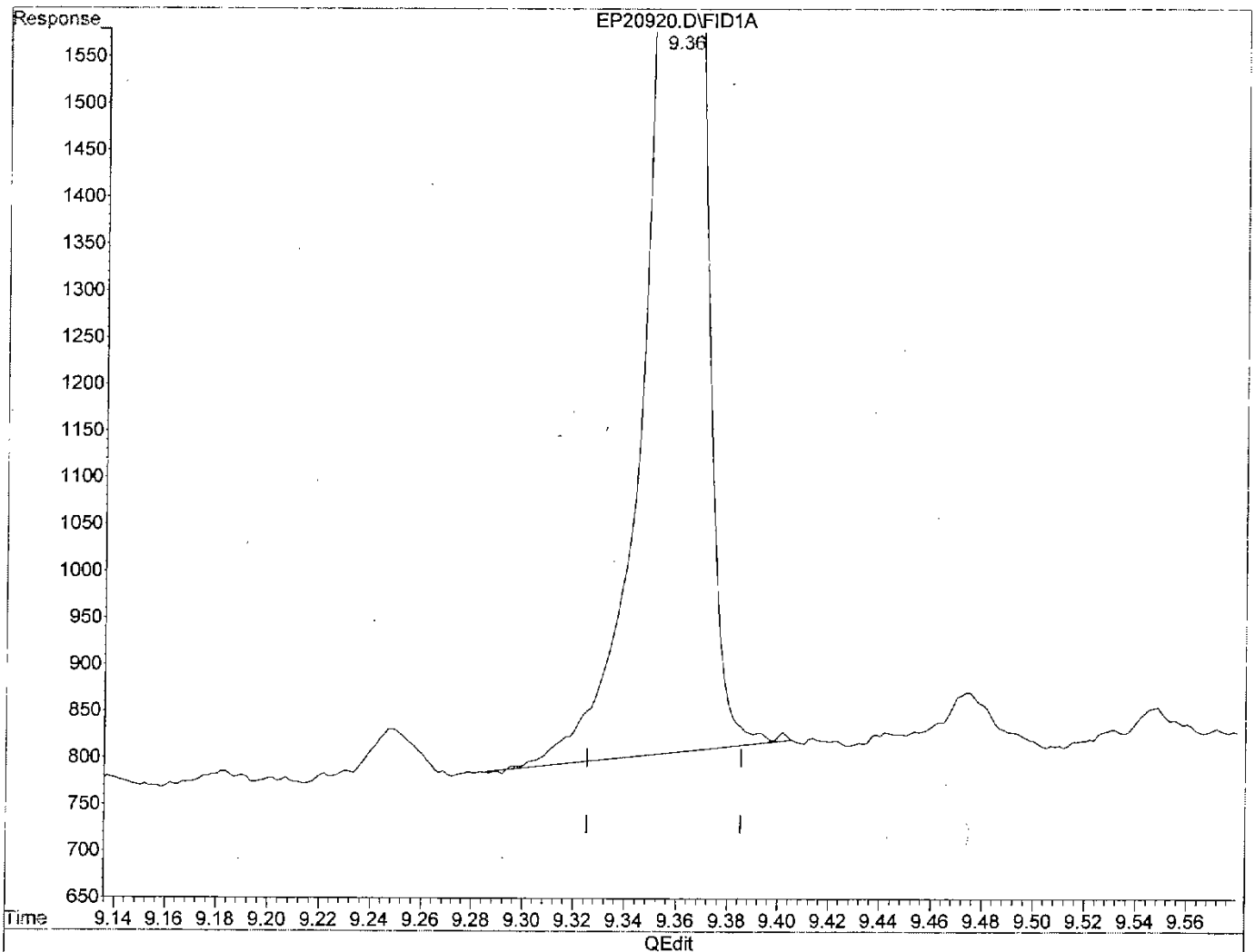
response 27657

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20920.D Vial: 3
Acq On : 2 Apr 2007 10:47 Operator: RBF
Sample : IC 106693 20 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:47 2007 Quant Results File: AKXF0402.RES

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration



(2) n-triacontane-d62 (S) (S)

9.36min 0.771ng/ul m

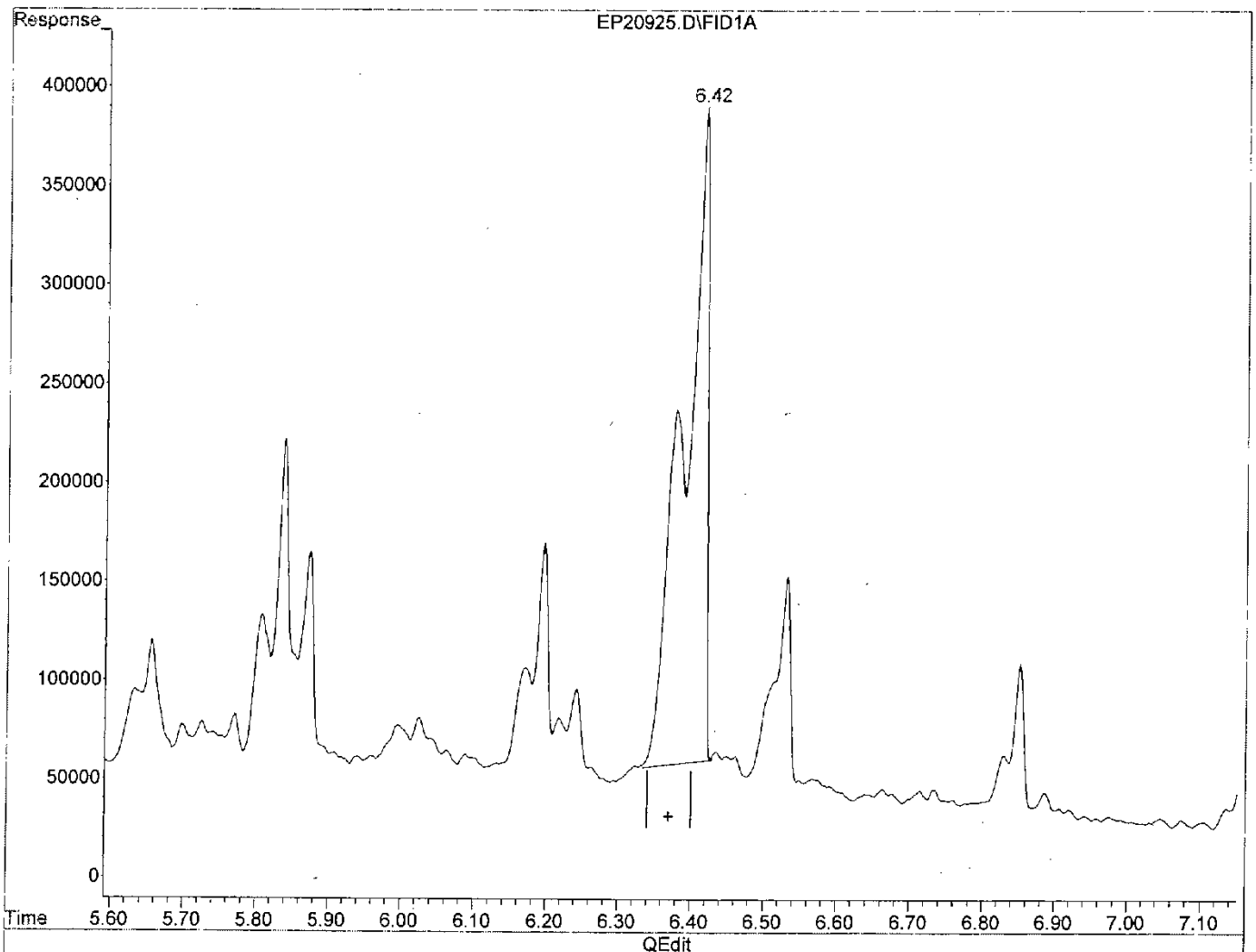
response 23120

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20925.D Vial: 8
Acq On : 2 Apr 2007 13:01 Operator: RBF
Sample : IC 106661 5000 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration



(1) o-terphenyl (S) (S)

6.42min 202.840ng/ul m

response 7235558

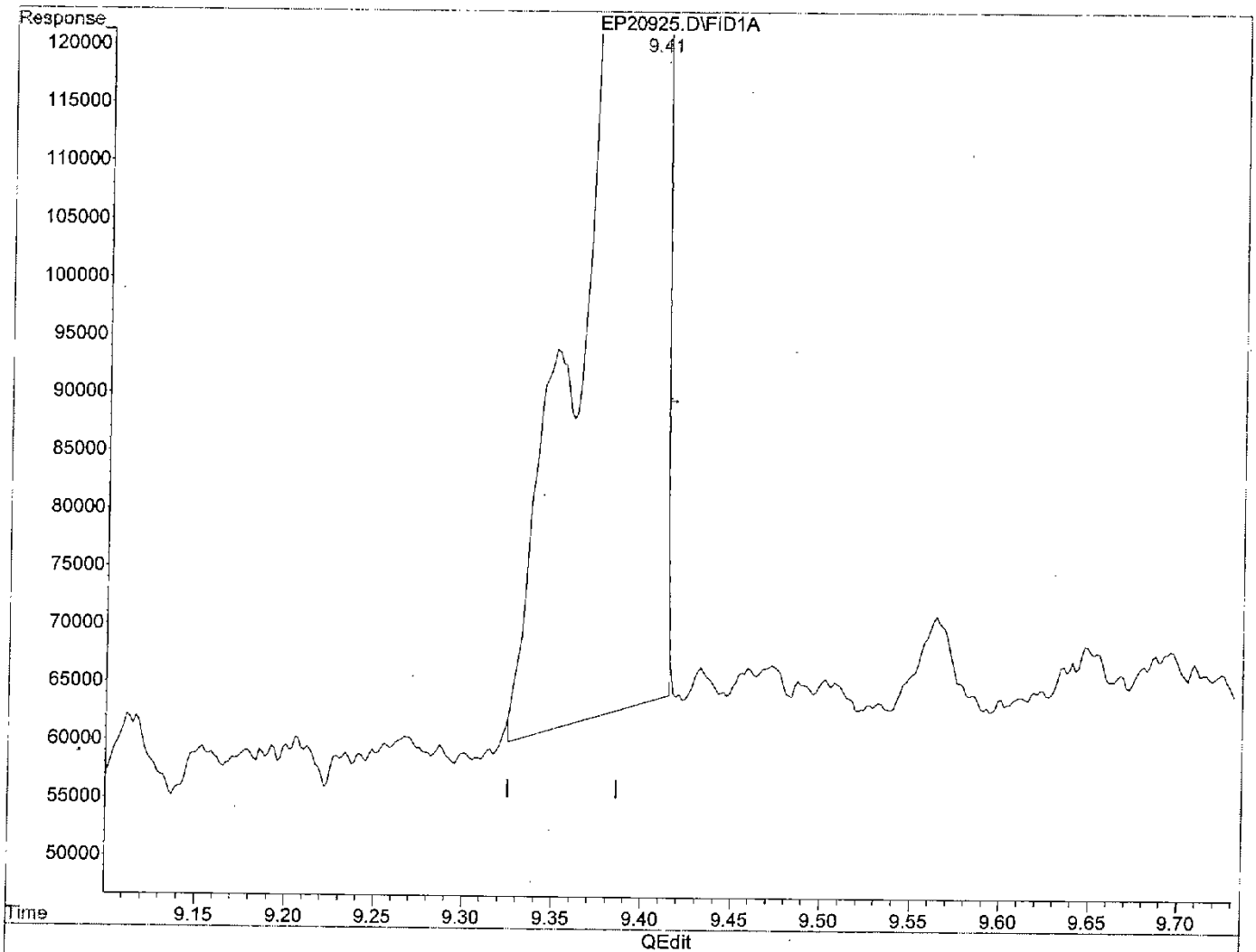
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20925.D
Acq On : 2 Apr 2007 13:01
Sample : IC 106661 5000 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Vial: 8
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration



(2) n-triacontane-d62 (S) (S)

9.41min 178.762ng/ul m

response 5362579

(+) = Expected Retention Time

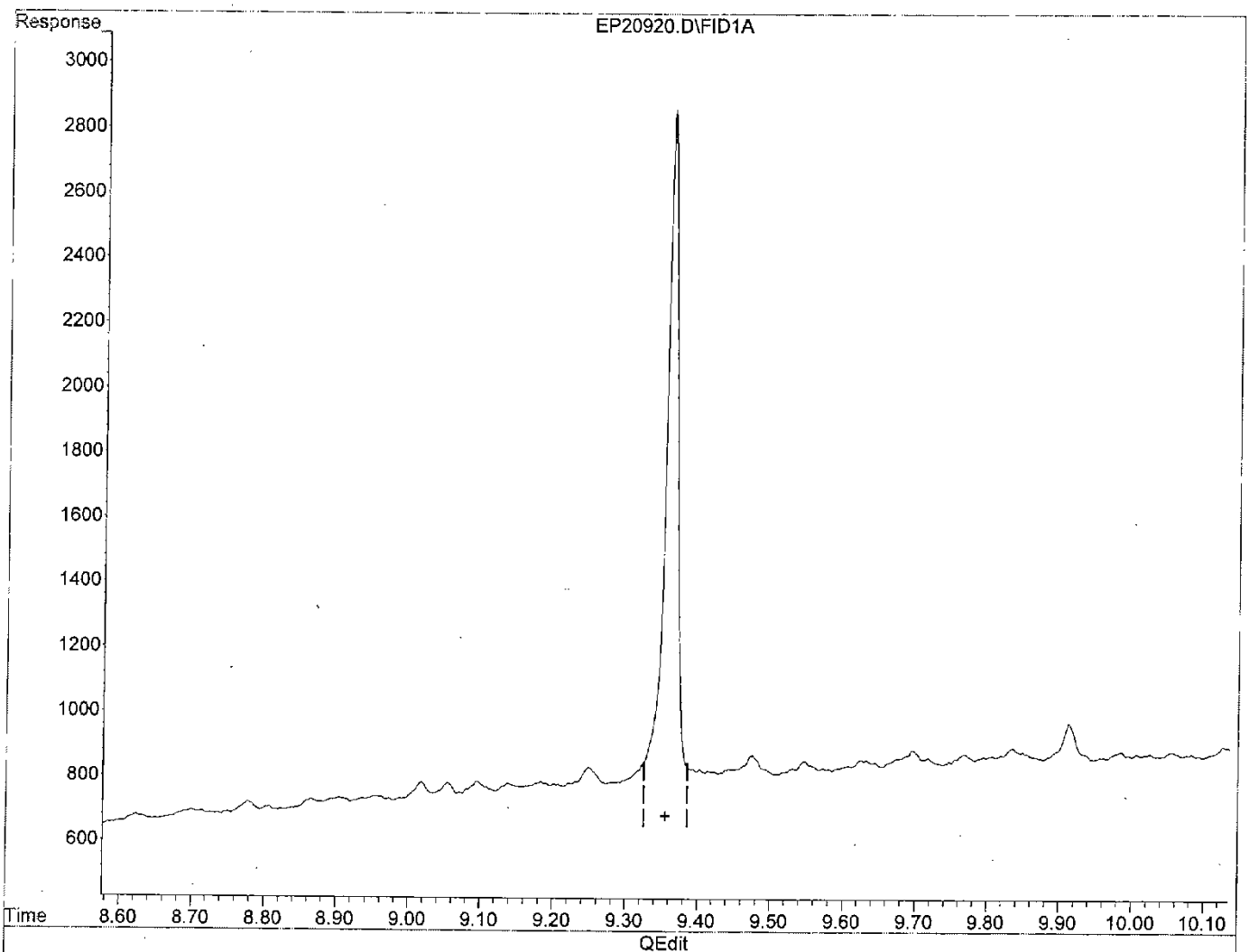
004992

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20920.D
Acq On : 2 Apr 2007 10:47
Sample : IC 106693 20 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:39 2007 Quant Results File: AKXF0402.RES

Vial: 3
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:37:37 2007
Response via : Multiple Level Calibration



(2) n-triacontane-d62 (S) (S)

9.36min 0.000ng/ul

response 0

missed peak
AH
4/2/07

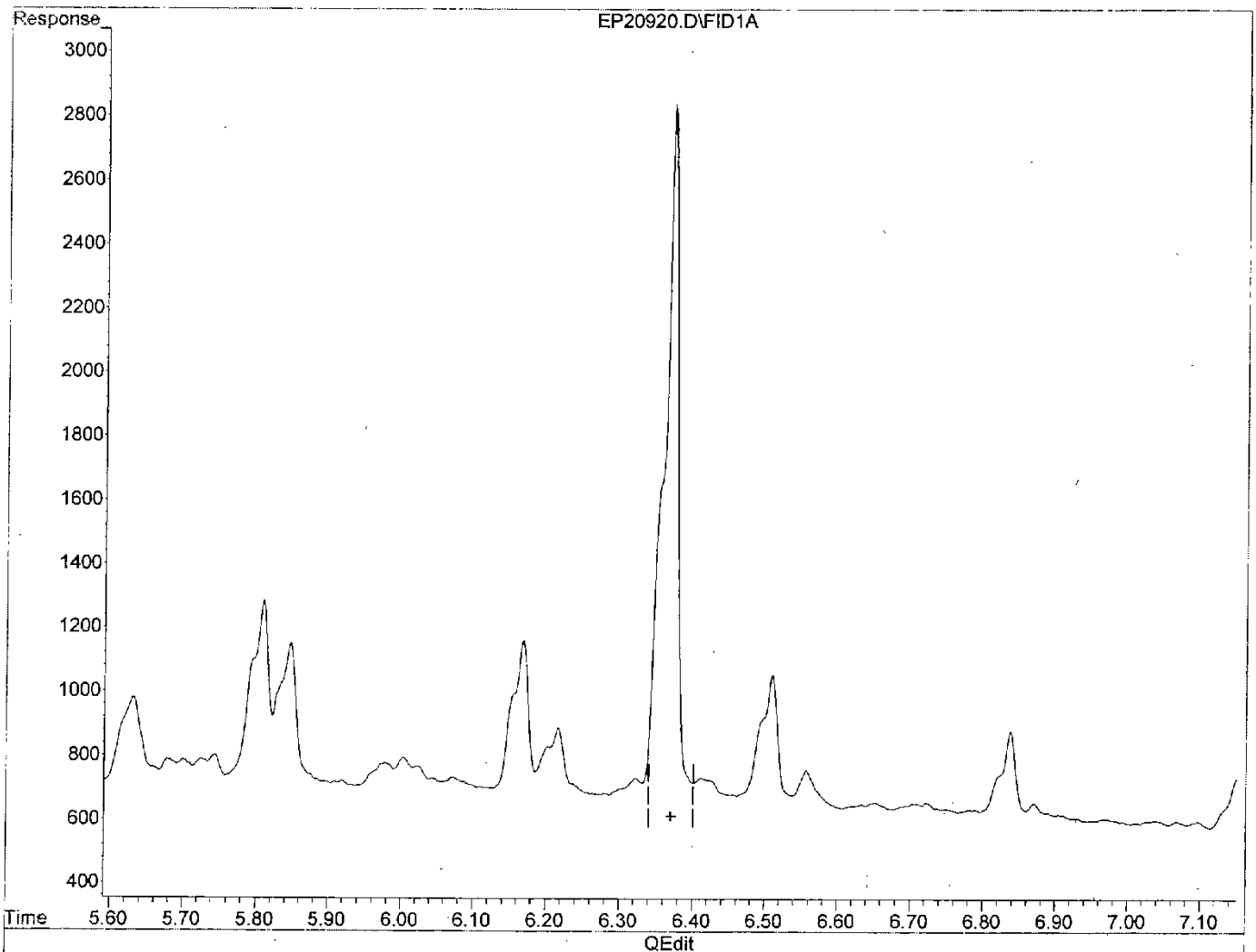
(+) = Expected Retention Time

004993

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20920.D Vial: 3
Acq On : 2 Apr 2007 10:47 Operator: RBF
Sample : IC 106693 20 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:39 2007 Quant Results File: AKXF0402.RES

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:37:37 2007
Response via : Multiple Level Calibration



(1) o-terphenyl (S) (S)

6.37min 0.000ng/ul

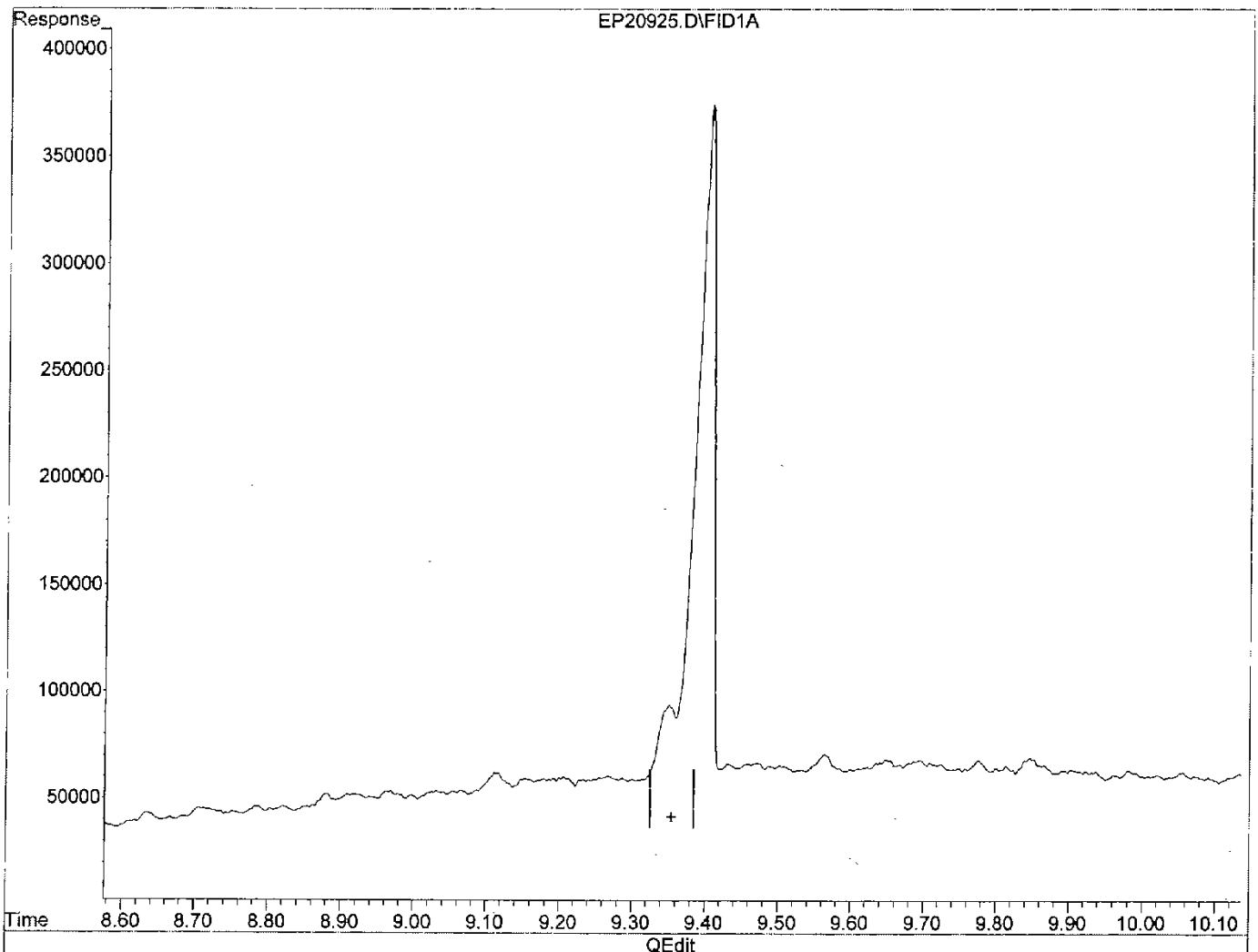
response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20925.D Vial: 8
Acq On : 2 Apr 2007 13:01 Operator: RBF
Sample : IC 106661 5000 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:38 2007 Quant Results File: AKXF0402.RES

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:37:37 2007
Response via : Multiple Level Calibration



(2) n-triacontane-d62 (S) (S)

9.36min 0.000ng/ul

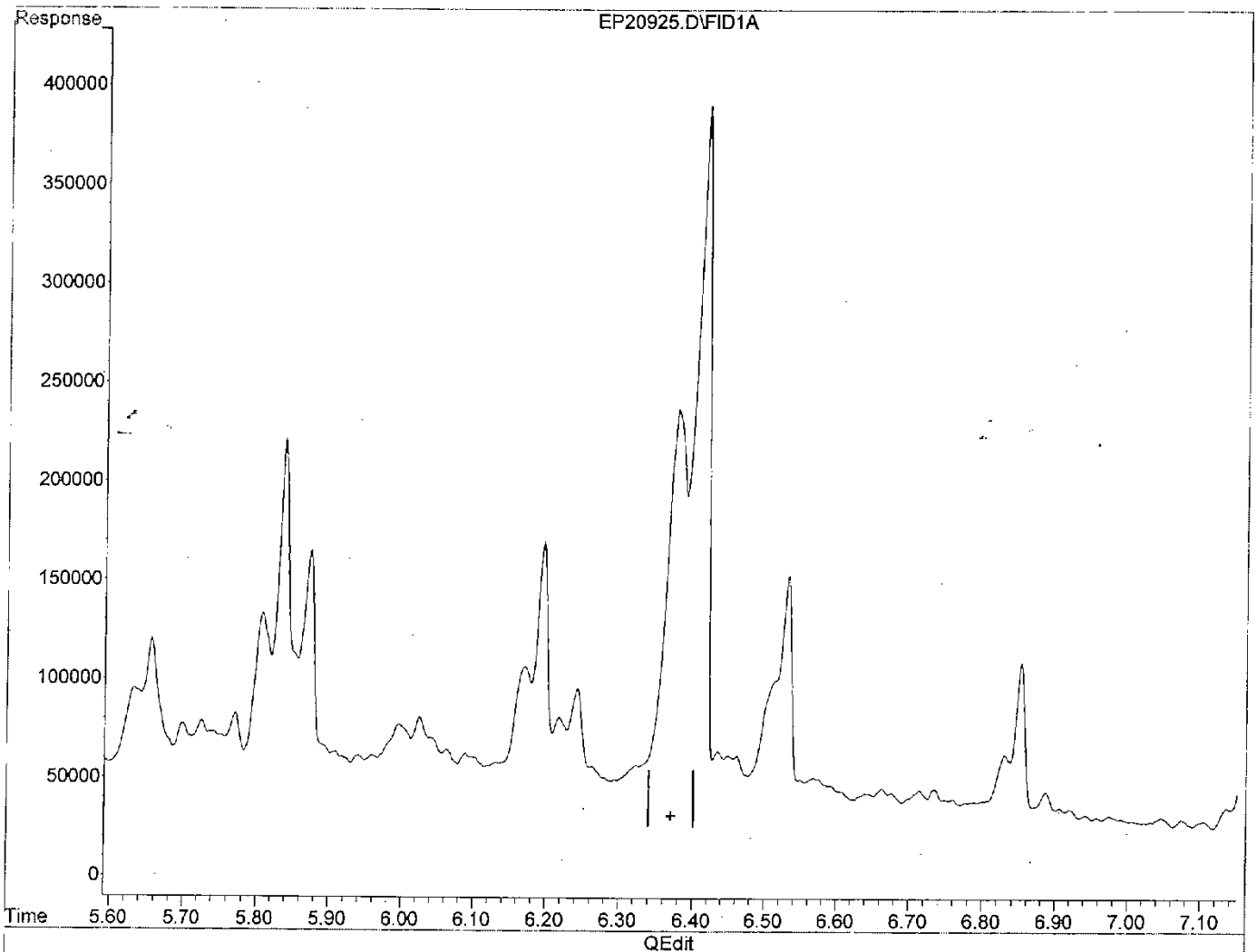
response 0

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20925.D Vial: 8
Acq On : 2 Apr 2007 13:01 Operator: RBF
Sample : IC 106661 5000 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 2 13:38 2007 Quant Results File: AKXF0402.RES

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:37:37 2007
Response via : Multiple Level Calibration



(1) o-terphenyl (S) (S)

6.37min 0.000ng/ul

response 0

(+) = Expected Retention Time

Evaluate Continuing Calibration Report

Data File : G:\DATA\040207_A\EP20926.D Vial: 9
Acq On : 2 Apr 2007 13:27 Operator: RBF
Sample : ICV 106694 500 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	S	o-terphenyl (S)	20.340	21.162	-4.0	112	0.00
2	S	n-triacontane-d62 (S)	20.140	20.477	-1.7	100	0.00
3	H	DRO (nC10-<nC25)	501.350	546.366	-9.0	121	0.00
4	H	RRO (nC25-nC36)	500.000	618.129	-23.6	125	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
EP20926.D AKXF0402.M Mon Apr 02 13:54:40 2007 Page 844 of 931 Page 1

004997

CONTINUING CALIBRATION

Injection Log

Directory: G:\DATA\040407_A

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	Ep20979.d	1.	rinse		4 Apr 2007 11:01
2	2	Ep20980.d	1.	1166-88-2 n-alkane rt std		4 Apr 2007 11:23
3	3	Ep20981.d	1.	ccv 107651 500 ak102103		4 Apr 2007 11:45
4	4	Ep20982.d	1.	MB 580-17271/1-AA	BT=S16040407	4 Apr 2007 12:12
5	5	Ep20983.d	1.	LCS 580-17271/2-AA	BT=S16040407	4 Apr 2007 12:34
6	6	Ep20984.d	1.	LCSD 580-17271/3-AA	BT=S16040407	4 Apr 2007 13:00
7	7	Ep20985.d	1.	580-5372-A-3-D	BT=S16040407	4 Apr 2007 13:27
8	8	Ep20986.d	1.	580-5385-B-11-J	BT=S16040407	4 Apr 2007 13:54
9	9	Ep20987.d	1.	580-5385-B-12-E	BT=S16040407	4 Apr 2007 14:20
10	10	Ep20988.d	1.	580-5404-A-13-E	BT=S16040407	4 Apr 2007 14:47
11	11	Ep20989.d	1.	580-5404-A-14-E	BT=S16040407	4 Apr 2007 15:14
12	12	Ep20990.d	1.	580-5404-A-14-F MS	BT=S16040407	4 Apr 2007 15:41
13	13	Ep20991.d	1.	580-5404-A-14-G MSD	BT=S16040407	4 Apr 2007 16:08
14	14	Ep20992.d	1.	580-5407-A-5-F	BT=S16040407	4 Apr 2007 16:35
15	15	Ep20993.d	1.	580-5407-A-6-H	BT=S16040407	4 Apr 2007 17:01
16	16	Ep20994.d	1.	ccv 107651 500 ak102103		4 Apr 2007 17:28

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20980.D
Acq On : 4 Apr 2007 11:23
Sample : 1166-88-2 n-alkane rt std
Misc :
IntFile : events.e
Quant Time: Apr 4 12:09 2007 Quant Results File: AKXF0402.RES

Vial: 2
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : FACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	797803	22.365 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	648421	21.615 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	2031041	56.026 ng/ul
4)	H	RRO (nC25-nC36)	9.00	4959308	278.915 ng/ul

(f)=RT Delta > 1/2 Window (m)=manual int.

000500

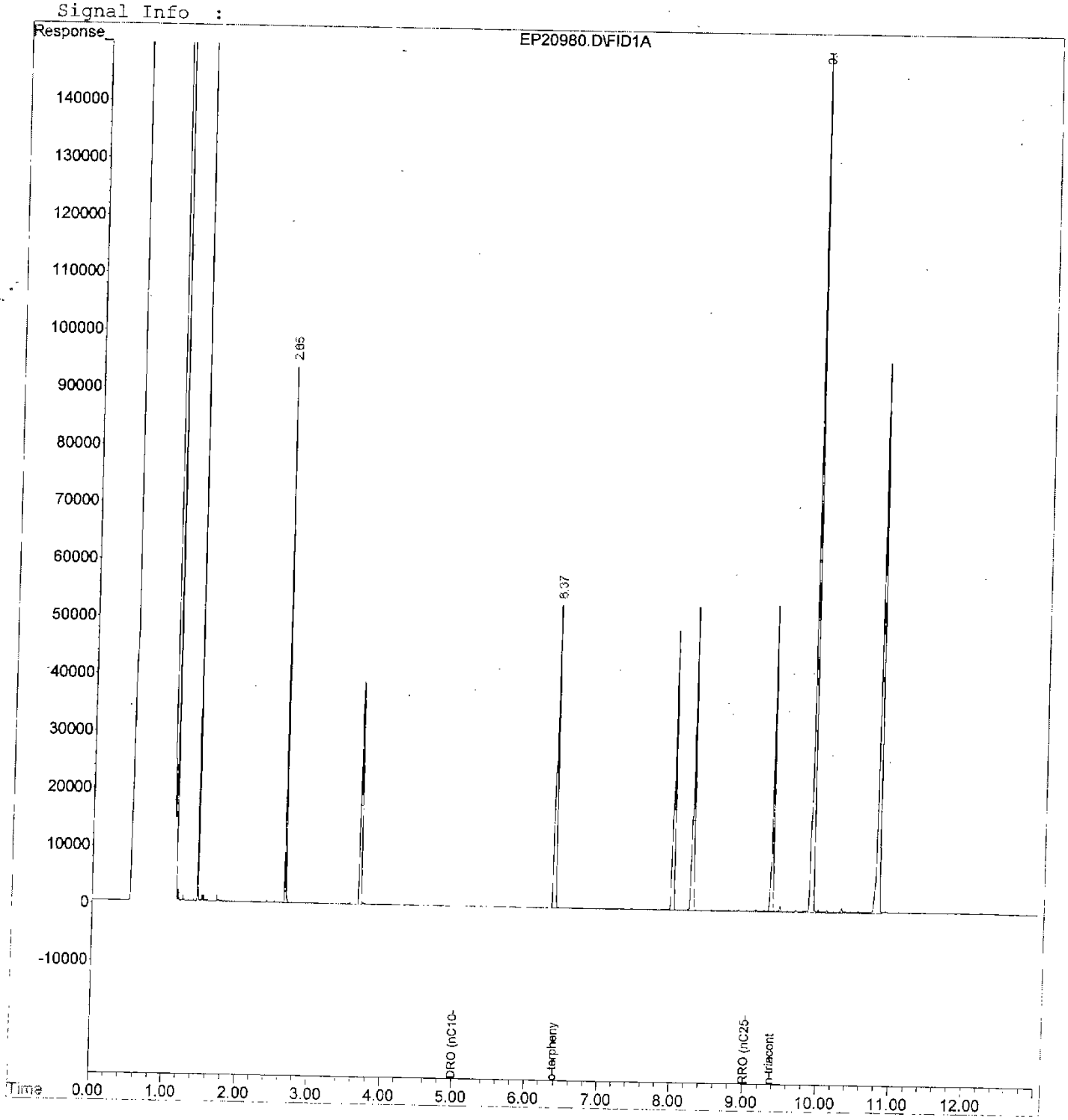
Quantitation Report (Not Reviewed)

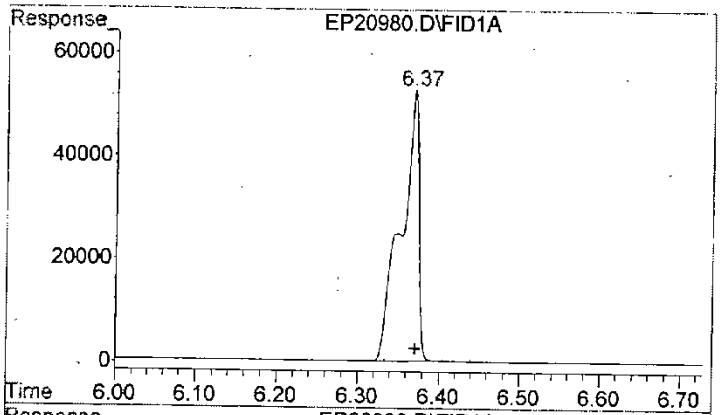
Data File : G:\DATA\040407_A\EP20980.D
Acq On : 4 Apr 2007 11:23
Sample : 1166-88-2 n-alkane rt std
Misc :
IntFile : events.e
Quant Time: Apr 4 12:09 2007 Quant Results File: AKXF0402.RES

Vial: 2
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : FACQ.M

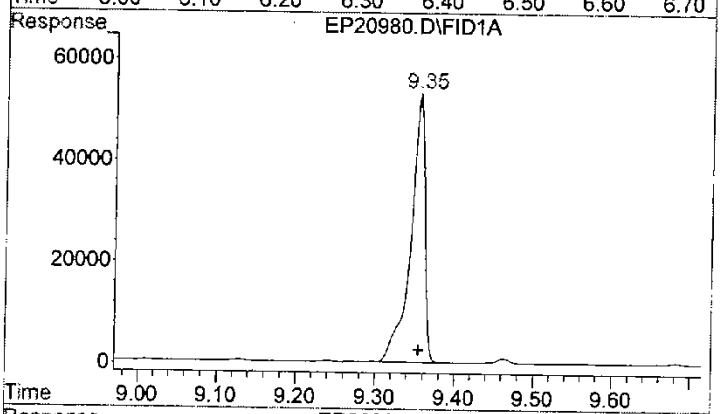
Volume Inj. :
Signal Phase :
Signal Info :





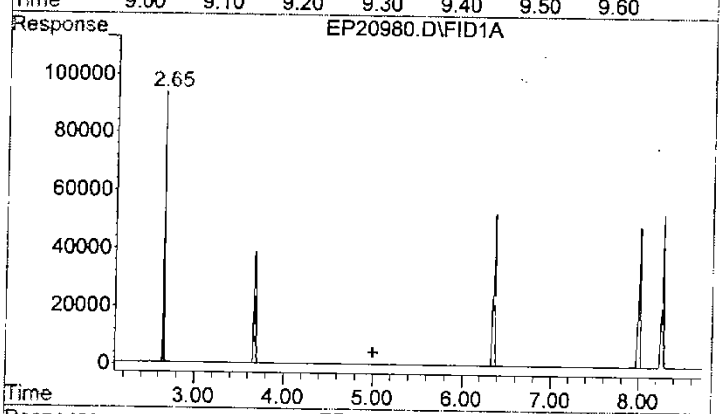
#1 o-terphenyl (S)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 797803
Conc: 22.37 ng/ul



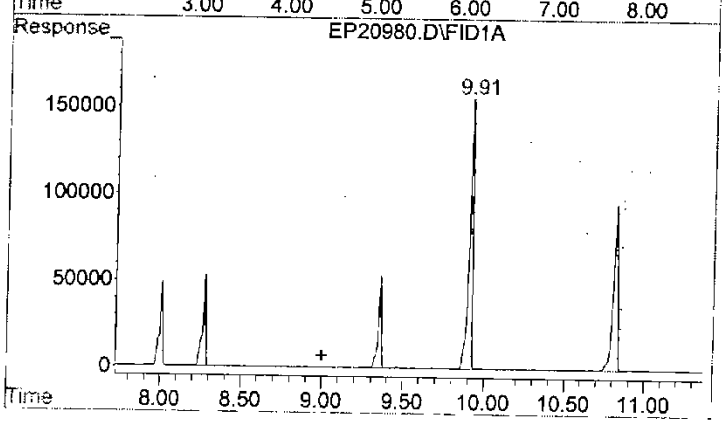
#2 n-triacontane-d62 (S)

R.T.: 9.354 min
Delta R.T.: 0.000 min
Response: 648421
Conc: 21.62 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 2031041
Conc: 56.03 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 4959308
Conc: 278.91 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20981.D
Acq On : 4 Apr 2007 11:45
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 4 12:09 2007 Quant Results File: AKXF0402.RES

Vial: 3
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

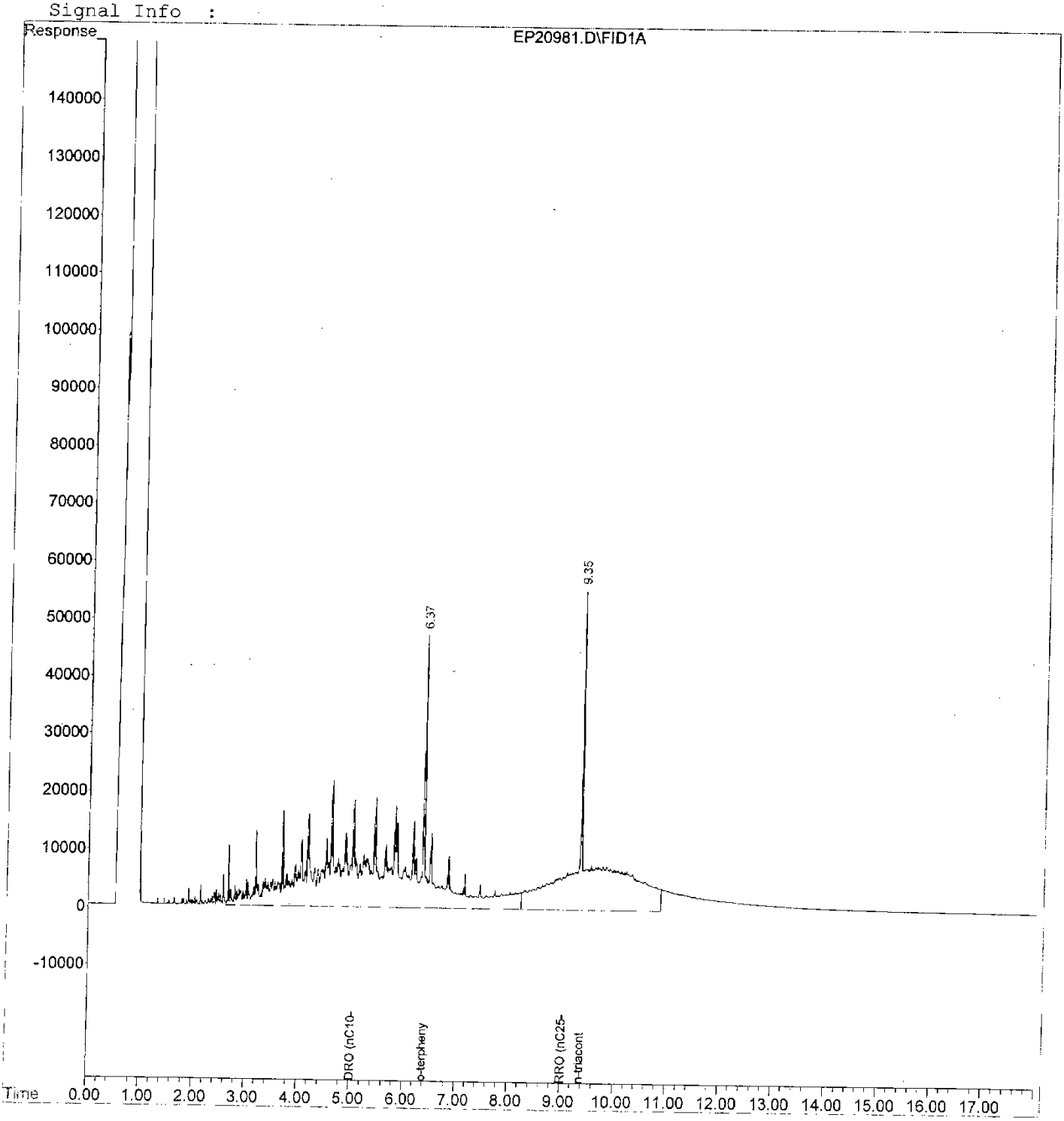
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	621347	17.419 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	581297	19.378 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	16113039	458.025 ng/ul
4)	H	RRO (nC25-nC36)	9.00	8657598	494.819 ng/ul

Data File : G:\DATA\040407_A\EP20981.D
Acq On : 4 Apr 2007 11:45
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 4 12:09 2007 Quant Results File: AKXF0402.RES

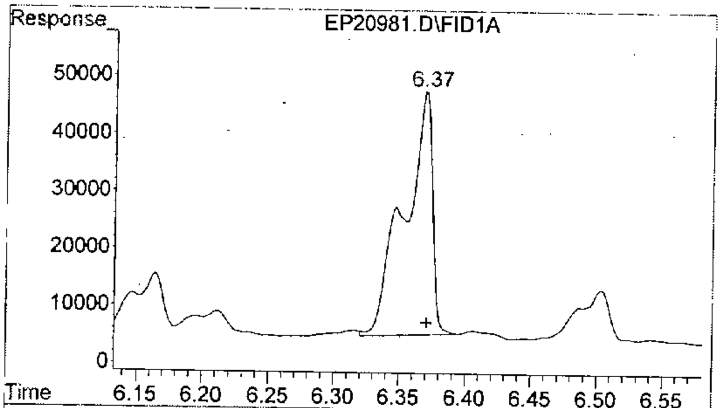
Vial: 3
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

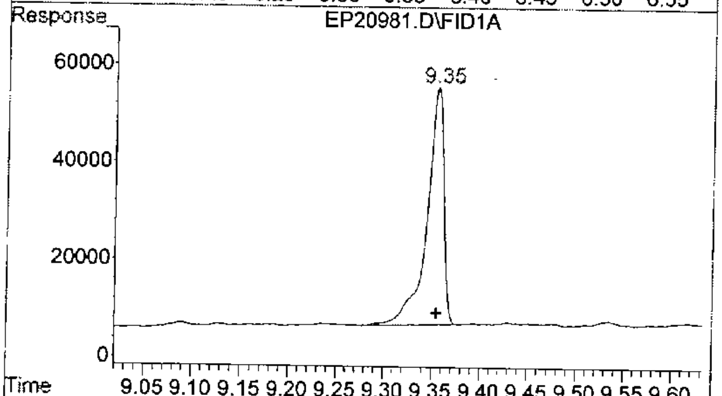


005004



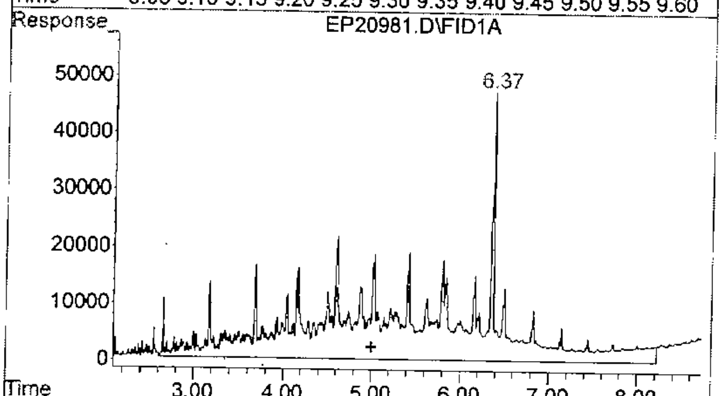
#1 o-terphenyl (S)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 621347
Conc: 17.42 ng/ul



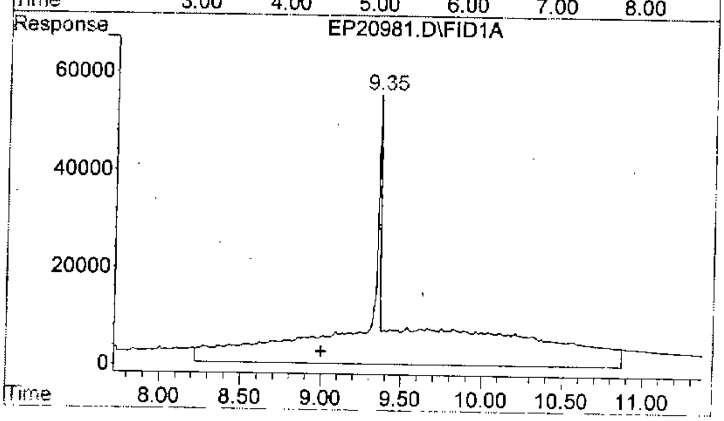
#2 n-triacontane-d62 (S)

R.T.: 9.354 min
Delta R.T.: 0.000 min
Response: 581297
Conc: 19.38 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 16113039
Conc: 458.02 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 8657598
Conc: 494.82 ng/ul m

Evaluate Continuing Calibration Report

Data File : G:\DATA\040407_A\EP20981.D
Acq On : 4 Apr 2007 11:45
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e

Vial: 3
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	S	o-terphenyl (S)	20.340	17.419	14.4	92	0.00
2	S	n-triacontane-d62 (S)	20.140	19.378	3.8	94	0.00
3	H	DRO (nC10-<nC25)	501.350	458.025	8.6	102	0.00
4	H	RRO (nC25-nC36)	500.000	494.819	1.0	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
EP20981.D AKXF0402.M Thu Apr 05 07:36:06 2007

900500

Evaluate Continuing Calibration Report - Not Founds

Data File : G:\DATA\040407_A\EP20981.D
Acq On : 4 Apr 2007 11:45
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e

Vial: 3
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

005007

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20994.D
Acq On : 4 Apr 2007 17:28
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

Vial: 16
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	717918	20.126 ng/ul
2)	S	n-triacontane-d62 (S)	9.36	575351	19.179 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	18480864	525.619 ng/ul
4)	H	RRO (nC25-nC36)	9.00	8779436	501.932 ng/ul

(f)=RT Delta > 1/2 Window (m)=manual int.

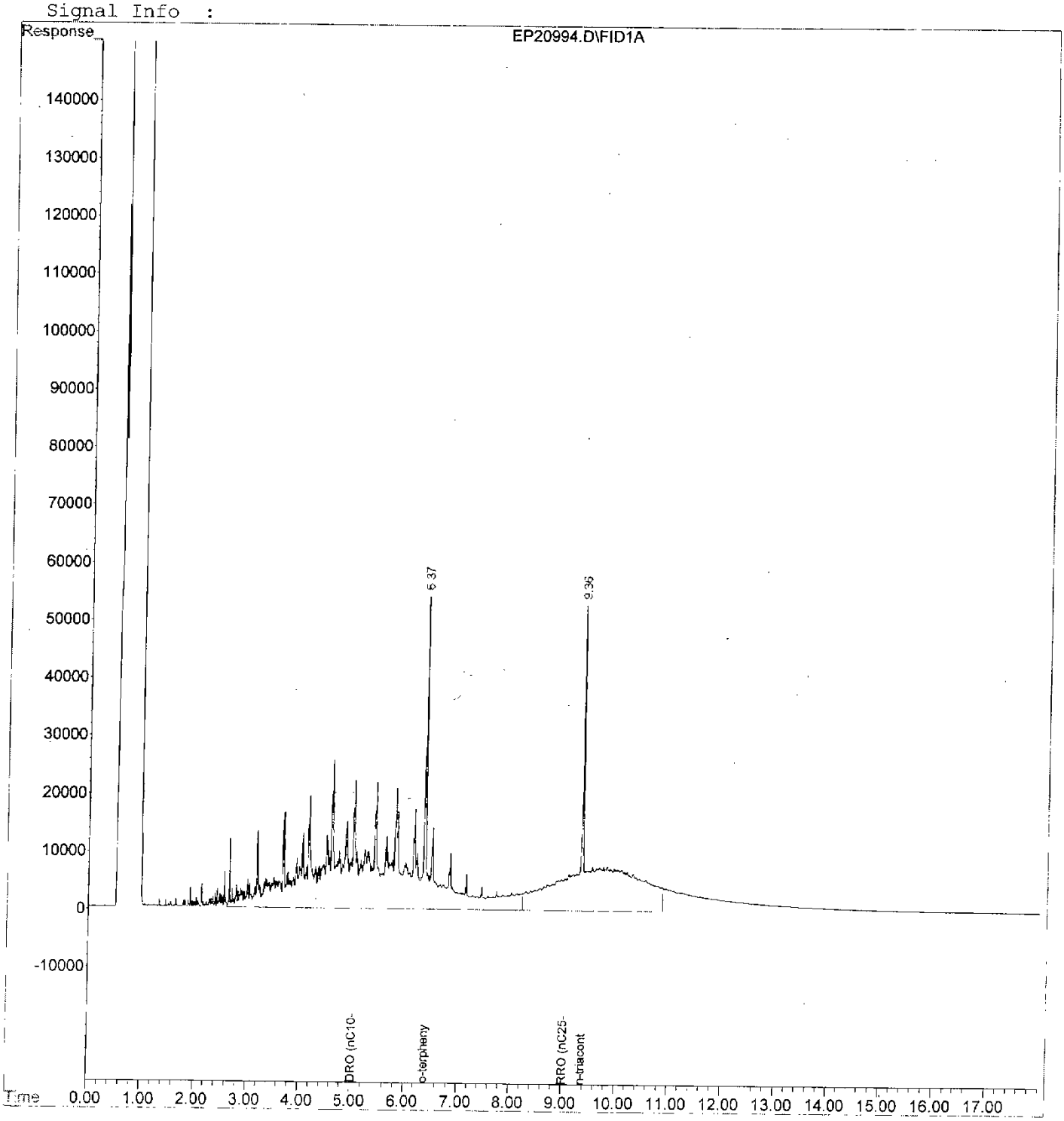
800500

Quantitation Report (Not Reviewed)

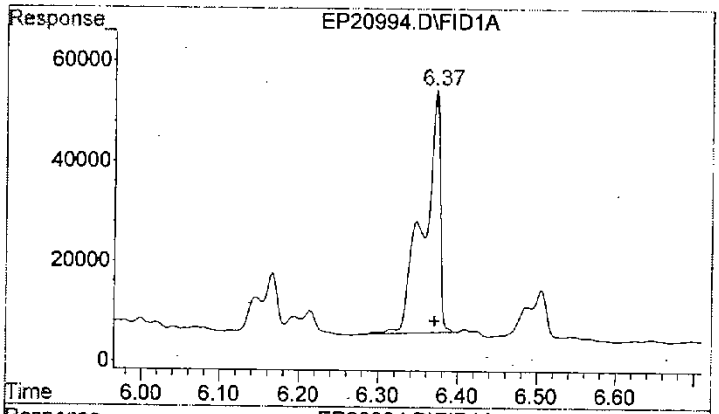
Data File : G:\DATA\040407_A\EP20994.D Vial: 16
Acq On : 4 Apr 2007 17:28 Operator: RBF
Sample : ccv 107651 500 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

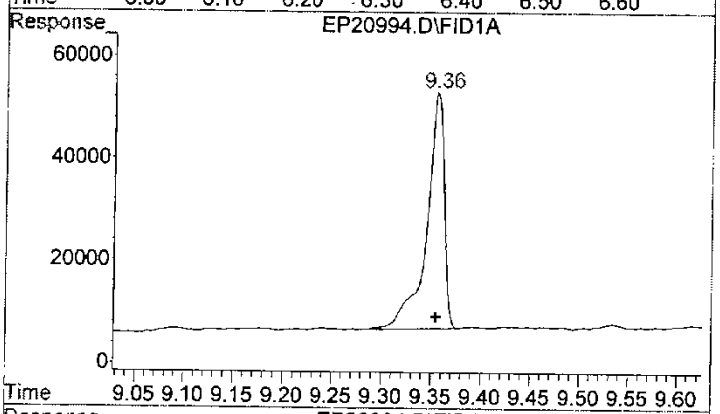


600500



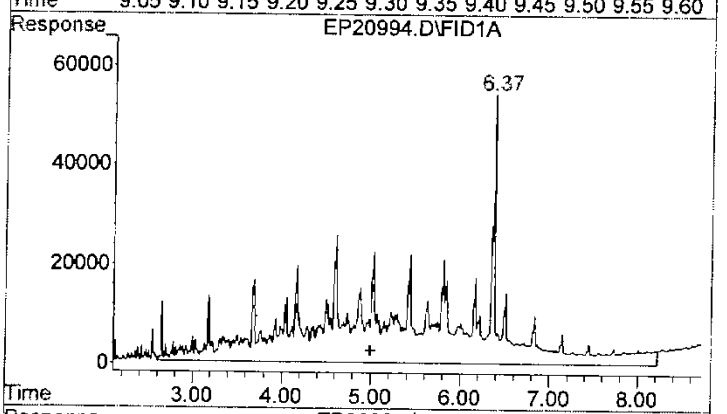
#1 o-terphenyl (S)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 717918
Conc: 20.13 ng/ul



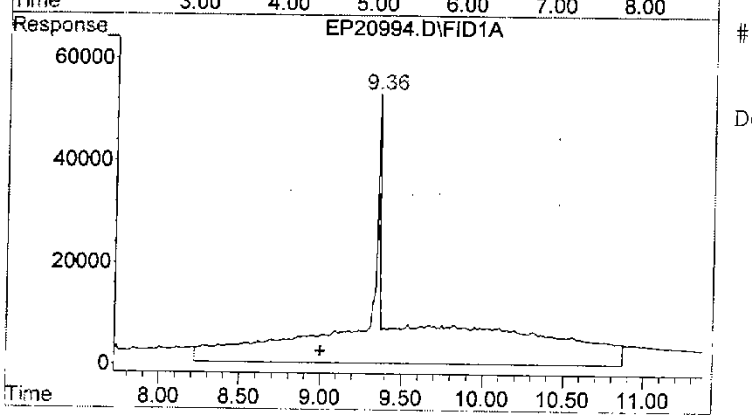
#2 n-triacontane-d62 (S)

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 575351
Conc: 19.18 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 18480864
Conc: 525.62 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 8779436
Conc: 501.93 ng/ul m

Evaluate Continuing Calibration Report

Data File : G:\DATA\040407_A\EP20994.D
Acq On : 4 Apr 2007 17:28
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e

Vial: 16
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	S	o-terphenyl (S)	20.340	20.126	1.1	107	0.00
2	S	n-triacontane-d62 (S)	20.140	19.179	4.8	93	0.00
3	H	DRO (nC10-<nC25)	501.350	525.619	-4.8	117	0.00
4	H	RRO (nC25-nC36)	500.000	501.932	-0.4	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
EP20994.D AKXF0402.M Thu Apr 05 07:40:07 2007

Evaluate Continuing Calibration Report - Not Founds

Data File : G:\DATA\040407_A\EP20994.D
Acq On : 4 Apr 2007 17:28
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e

Vial: 16
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area% Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

METHOD BLANK

Data File : G:\DATA\040407_A\EP20982.D
Acq On : 4 Apr 2007 12:12
Sample : MB 580-17271/1-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

Vial: 4
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : FACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.36	473938	13.286 ng/ul
2)	S	n-triacontane-d62 (S)	9.34	491579	16.387 ng/ul
		Target Compounds			

(f)=RT Delta > 1/2 Window (m)=manual int.

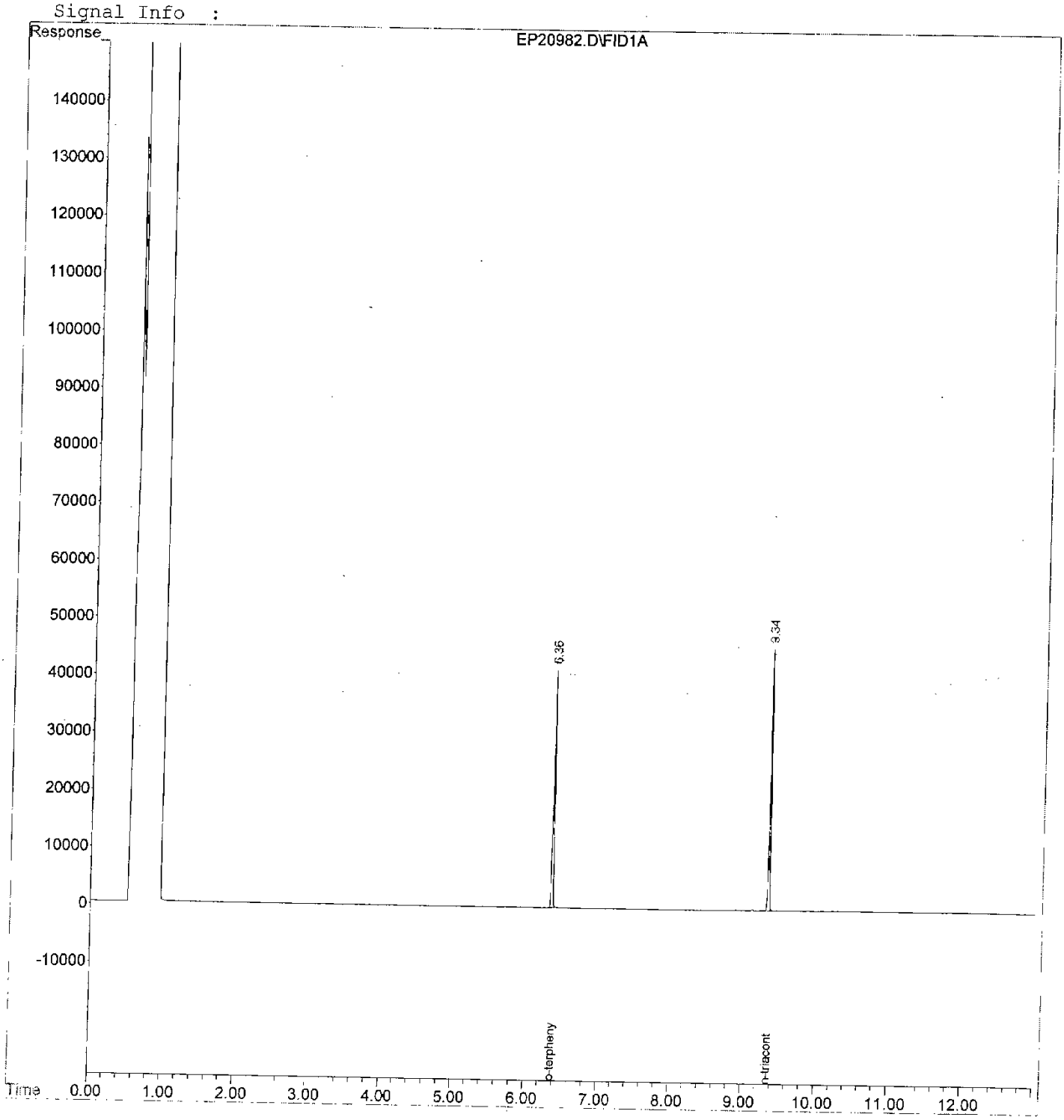
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20982.D
Acq On : 4 Apr 2007 12:12
Sample : MB 580-17271/1-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

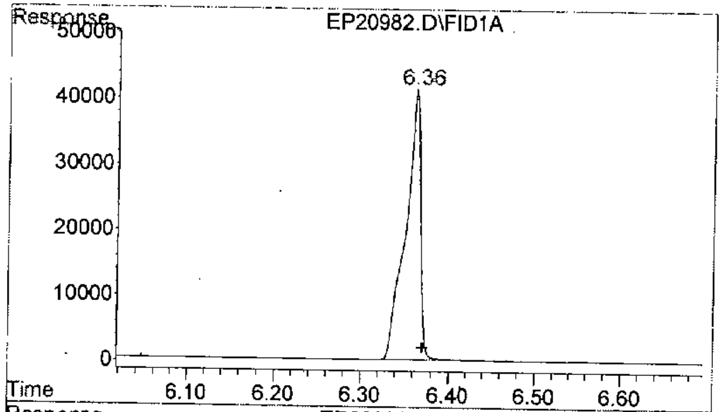
Vial: 4
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : FACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

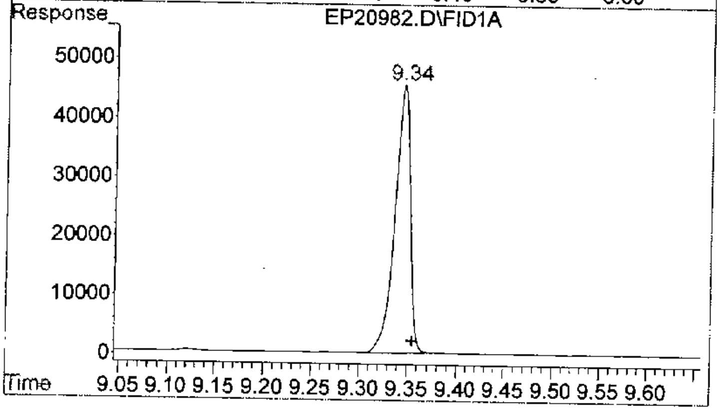


000015



#1 o-terphenyl (S)

R.T.: 6.361 min
Delta R.T.: -0.010 min
Response: 473938
Conc: 13.29 ng/ul



#2 n-triacontane-d62 (S)

R.T.: 9.345 min
Delta R.T.: -0.010 min
Response: 491579
Conc: 16.39 ng/ul

BLANK SPIKE

Data File : G:\DATA\040407_A\EP20983.D
Acq On : 4 Apr 2007 12:34
Sample : LCS 580-17271/2-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

Vial: 5
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.36	704639	19.754	ng/ul
2)	S	n-triacontane-d62 (S)	9.35	582336	19.412	ng/ul
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	17220957	489.652	ng/ul
4)	H	RRO (nC25-nC36)	9.00	9654731	553.031	ng/ul

(f)=RT Delta > 1/2 Window (m)=manual int.

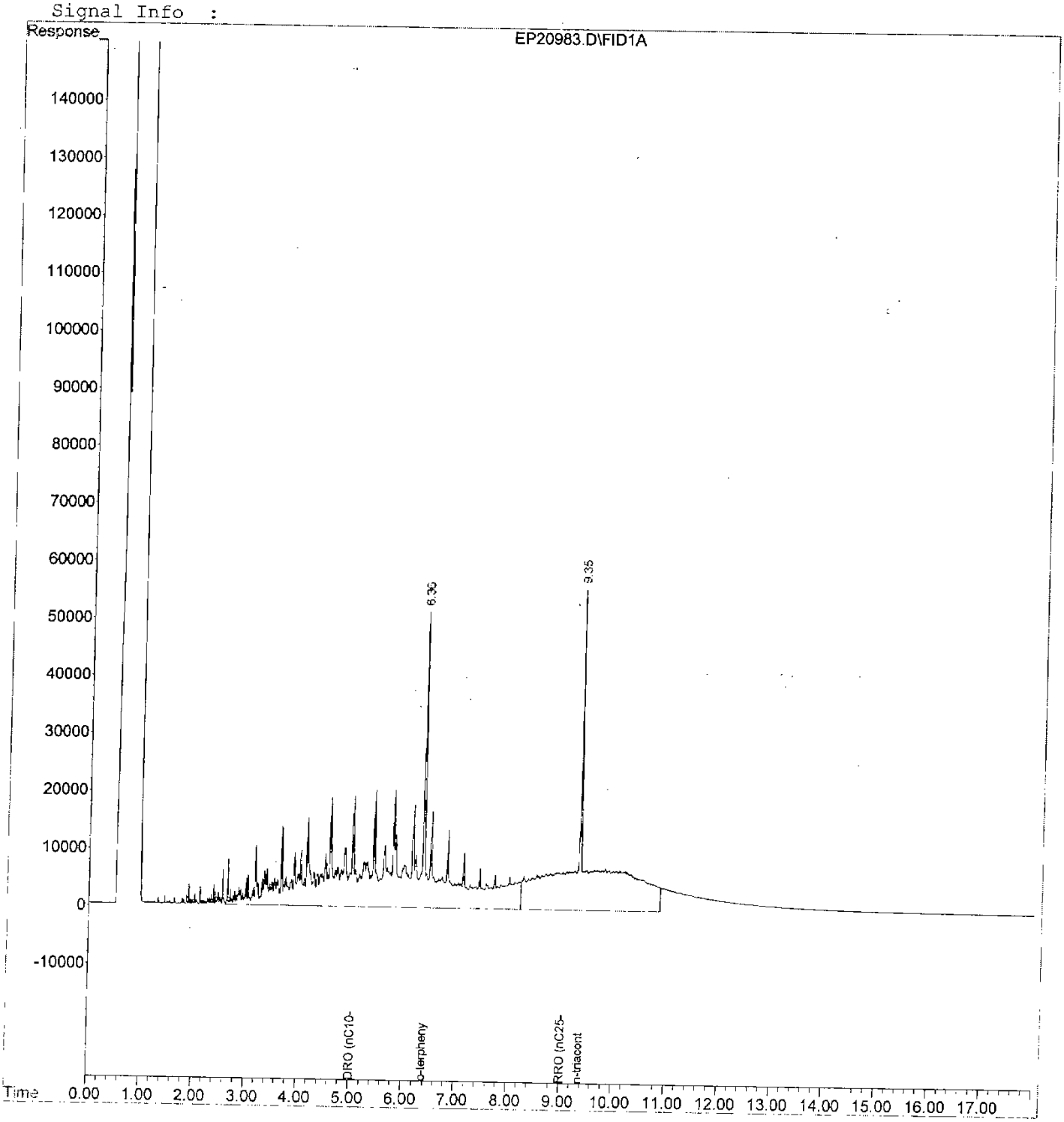
Quantitation Report (Not Reviewed)

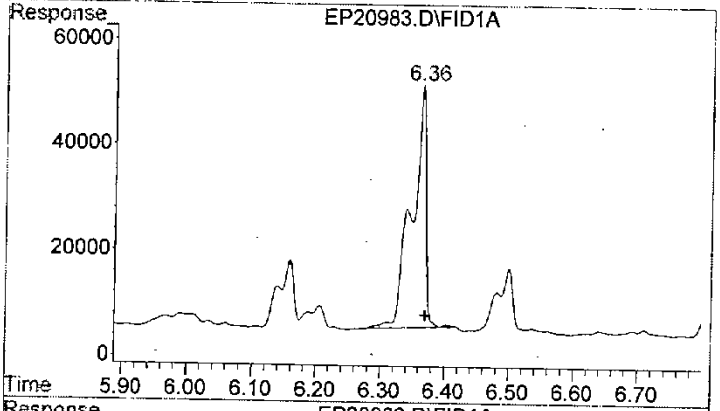
Data File : G:\DATA\040407_A\EP20983.D
Acq On : 4 Apr 2007 12:34
Sample : LCS 580-17271/2-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

Vial: 5
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

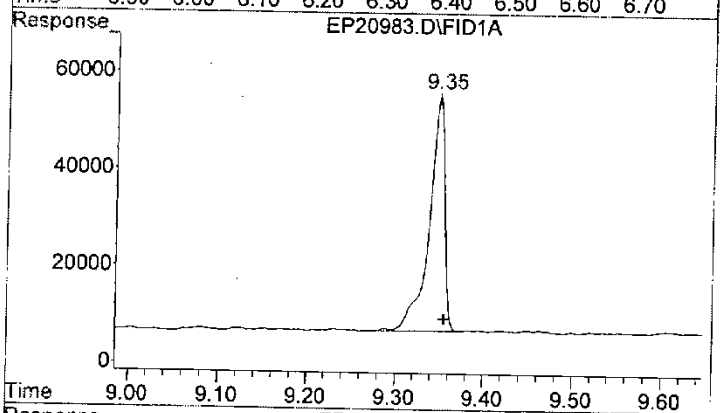
Volume Inj. :
Signal Phase :
Signal Info :





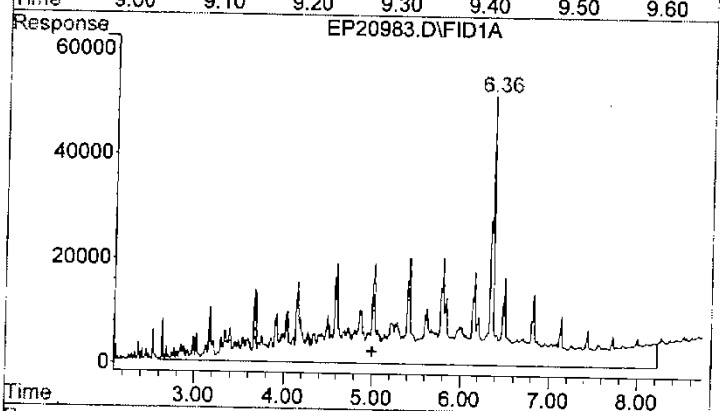
#1 o-terphenyl (S)

R.T.: 6.363 min
Delta R.T.: -0.007 min
Response: 704639
Conc: 19.75 ng/ul



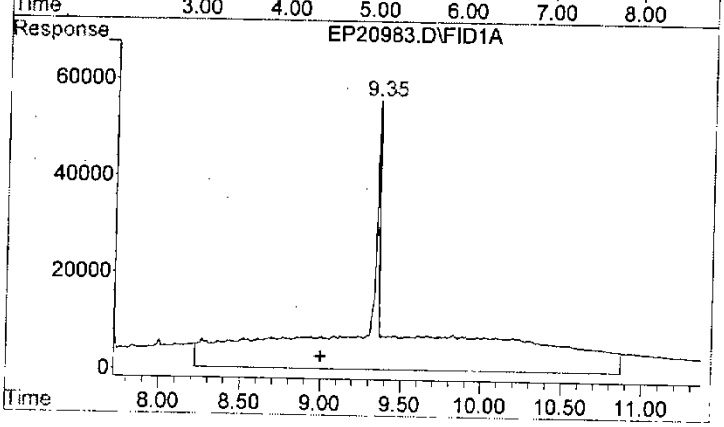
#2 n-triacontane-d62 (S)

R.T.: 9.348 min
Delta R.T.: -0.008 min
Response: 582336
Conc: 19.41 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 17220957
Conc: 489.65 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 9654731
Conc: 553.03 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20984.D
Acq On : 4 Apr 2007 13:00
Sample : LCSD 580-17271/3-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

Vial: 6
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	658773	18.468 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	587655	19.590 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	16341800	464.555 ng/ul
4)	H	RRO (nC25-nC36)	9.00	9622870	551.171 ng/ul

(f)=RT Delta > 1/2 Window (m)=manual int.

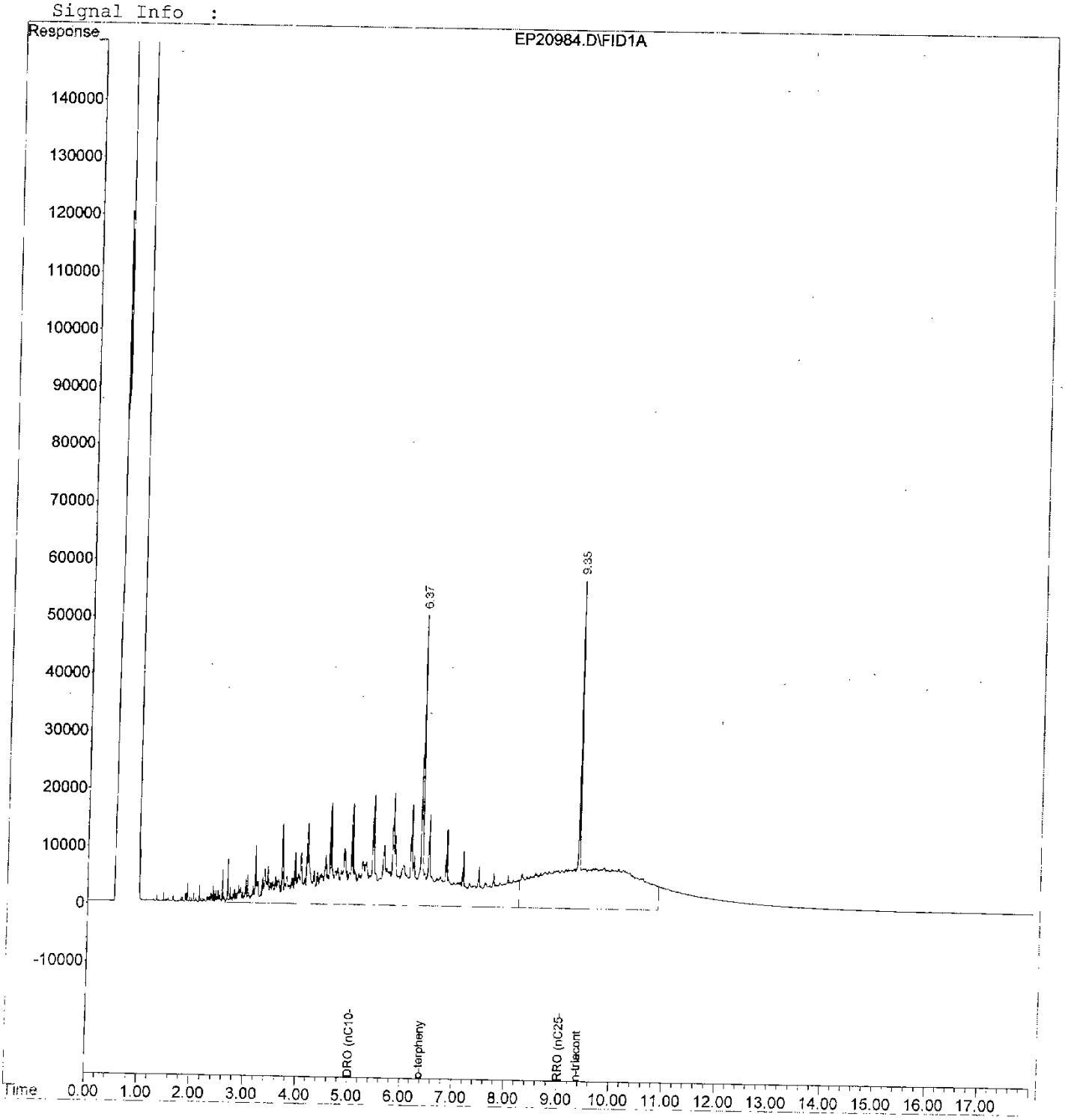
005021

Data File : G:\DATA\040407_A\EP20984.D
Acq On : 4 Apr 2007 13:00
Sample : LCSD 580-17271/3-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

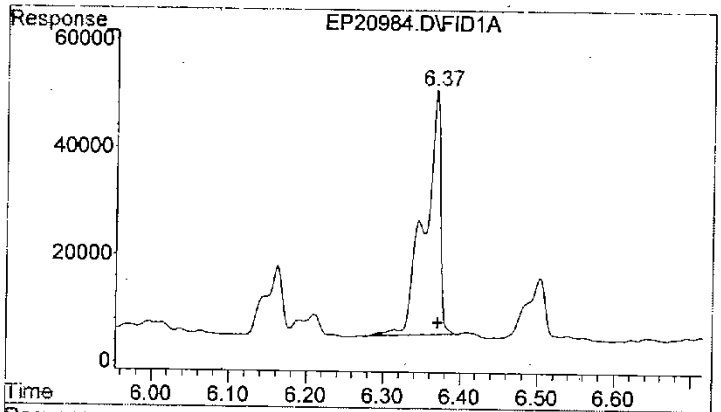
Vial: 6
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Akl02/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

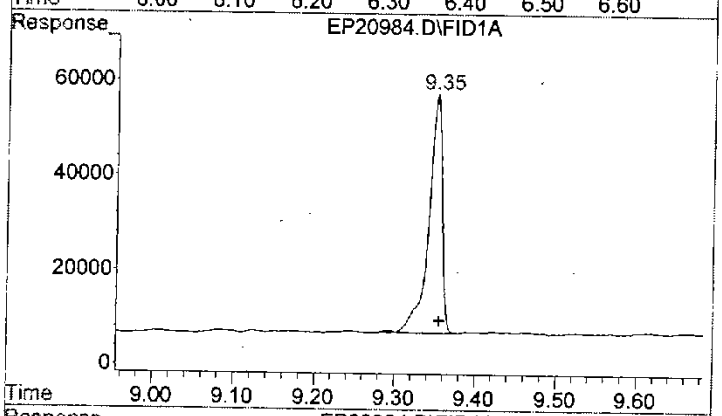


005022



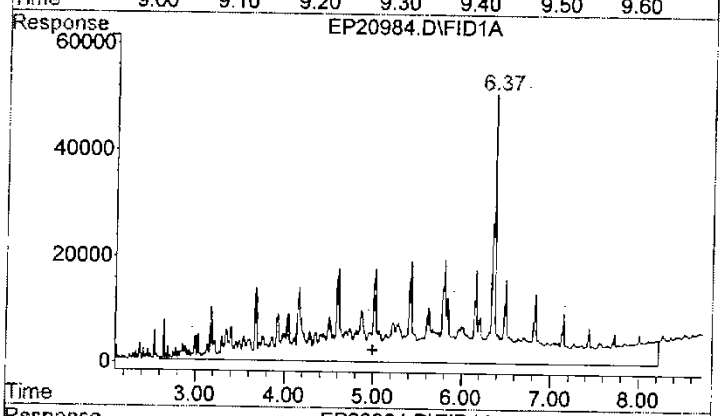
#1 o-terphenyl (S)

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 658773
Conc: 18.47 ng/ul



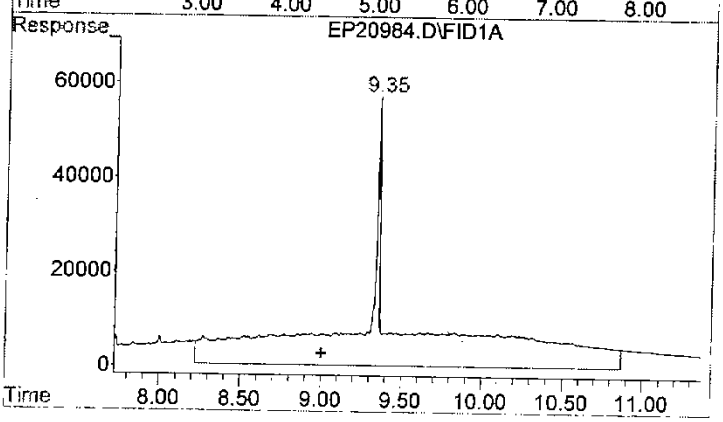
#2 n-triacontane-d62 (S)

R.T.: 9.351 min
Delta R.T.: -0.005 min
Response: 587655
Conc: 19.59 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 16341800
Conc: 464.55 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 9622870
Conc: 551.17 ng/ul m

MATIX SPIKE / MATRIX SPIKE DUPLICATE

Data File : G:\DATA\040407_A\EP20990.D
Acq On : 4 Apr 2007 15:41
Sample : 580-5404-A-14-F MS
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

Vial: 12
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	735251	20.612 ng/ul
2)	S	n-triacontane-d62 (S)	9.36	585262	19.510 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	18102210	514.809 ng/ul
4)	H	RRO (nC25-nC36)	9.00	9928132	568.992 ng/ul

(f)=RT Delta > 1/2 Window (m)=manual int.

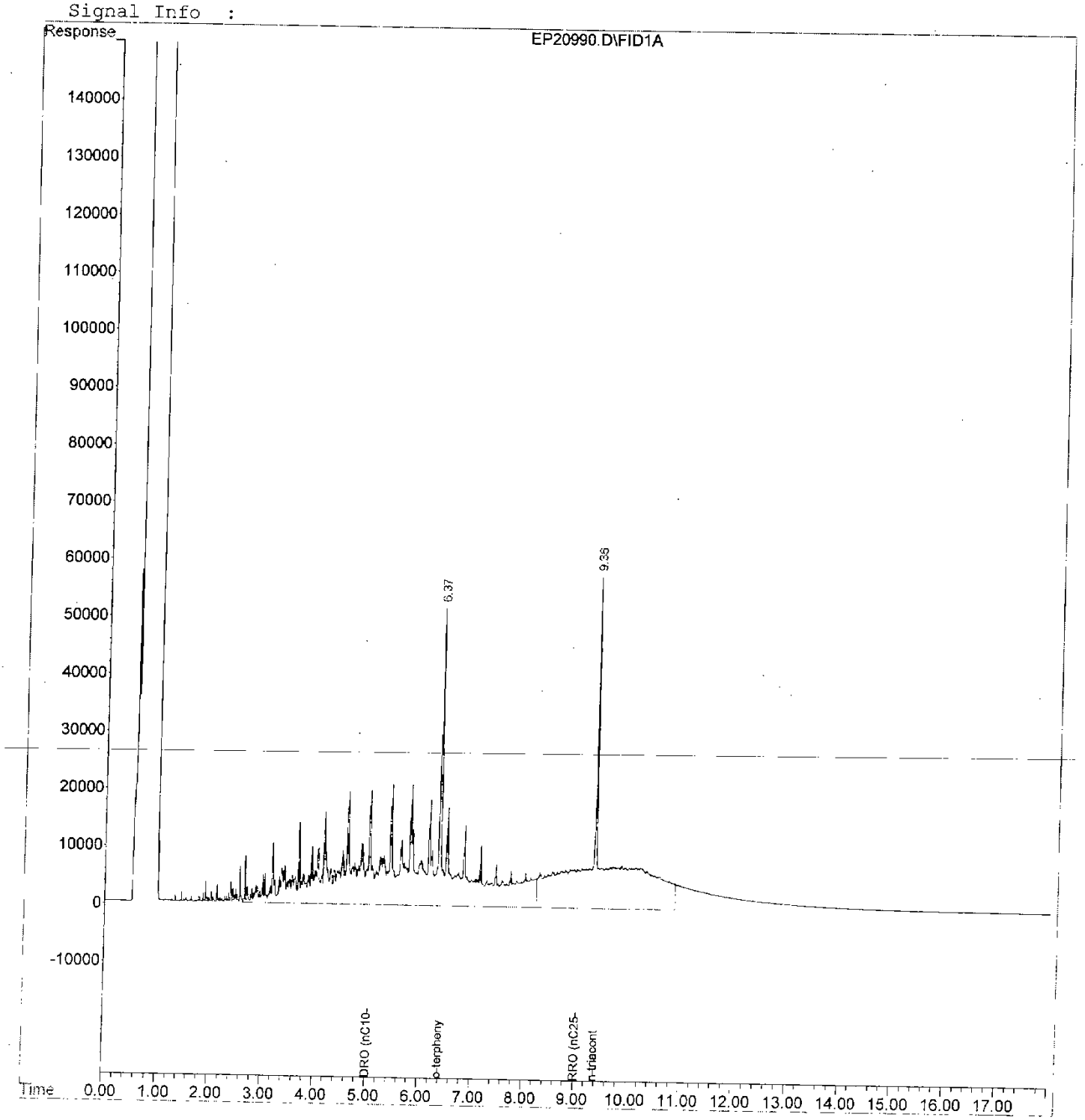
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20990.D
Acq On : 4 Apr 2007 15:41
Sample : 580-5404-A-14-F MS
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

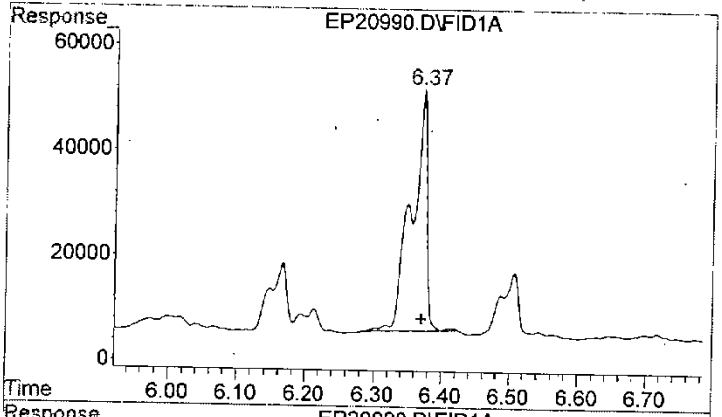
Vial: 12
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

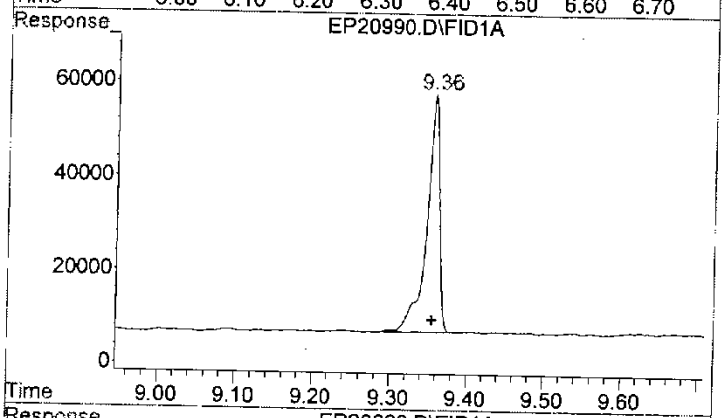


005026



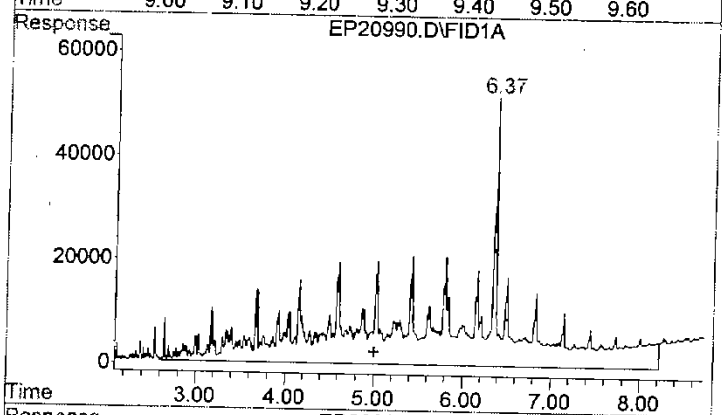
#1 o-terphenyl (S)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 735251
Conc: 20.61 ng/ul



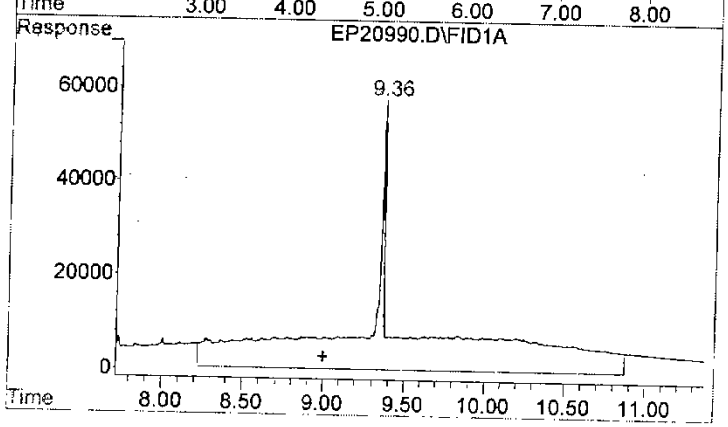
#2 n-triacontane-d62 (S)

R.T.: 9.357 min
Delta R.T.: 0.001 min
Response: 585262
Conc: 19.51 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 18102210
Conc: 514.81 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 9928132
Conc: 568.99 ng/ul m

Data File : G:\DATA\040407_A\EP20991.D
Acq On : 4 Apr 2007 16:08
Sample : 580-5404-A-14-G MSD
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

Vial: 13
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Initial Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	551620	15.464 ng/ul
2)	S	n-triacontane-d62 (S)	9.36	565515	18.852 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	13712133	389.486 ng/ul
4)	H	RRO (nC25-nC36)	9.00	9353145	535.425 ng/ul

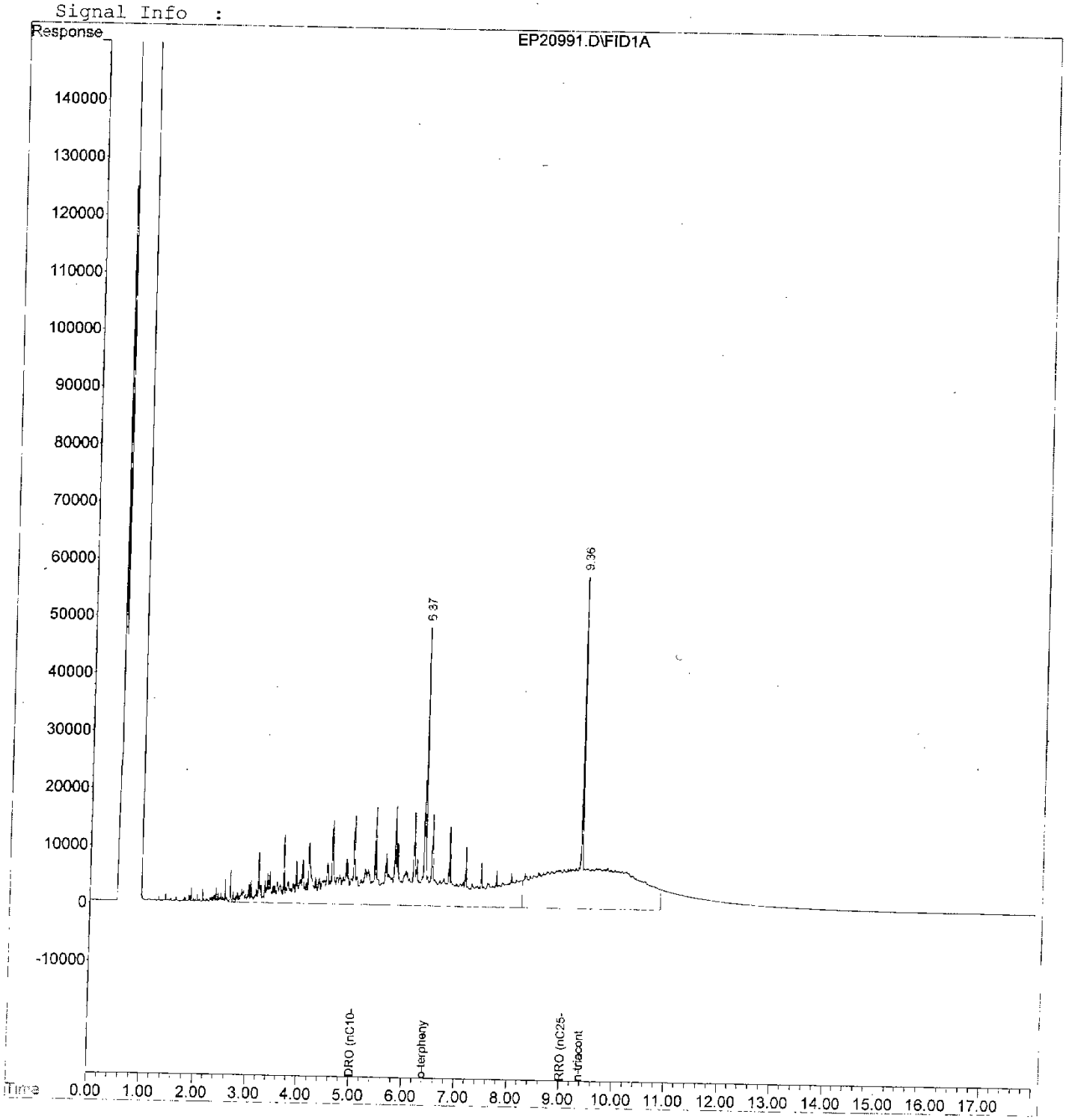
Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20991.D
Acq On : 4 Apr 2007 16:08
Sample : 580-5404-A-14-G MSD
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

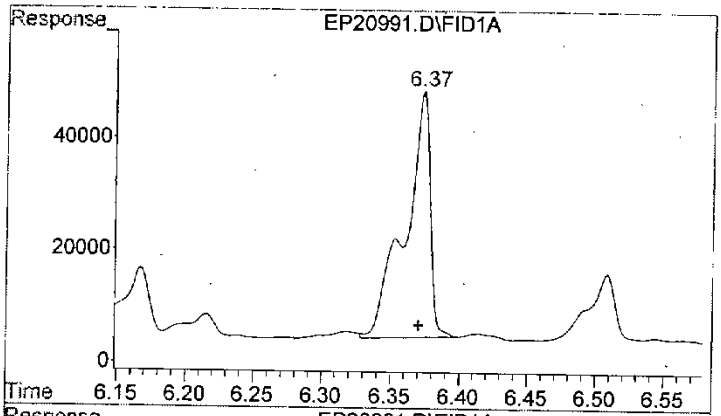
Vial: 13
Operator: RBF
Inst : SEA016
Multiplr: 1.00

Quant Method : G:\METHODS\AKXF0402.M (Chemstation Integrator)
Title : Ak102/103 front column (04/02/07)
Last Update : Mon Apr 02 13:46:34 2007
Response via : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

Volume Inj. :
Signal Phase :
Signal Info :

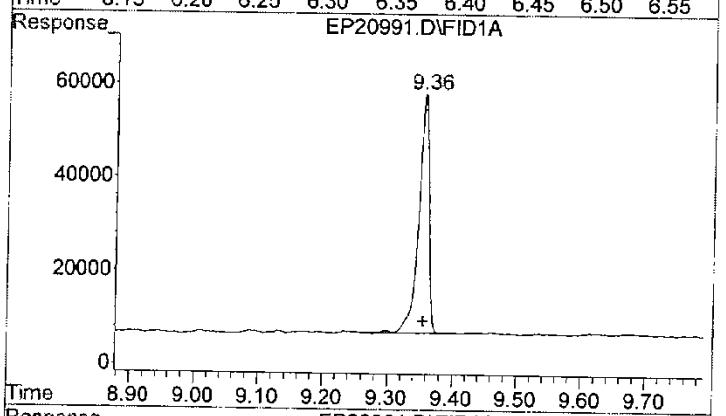


005029



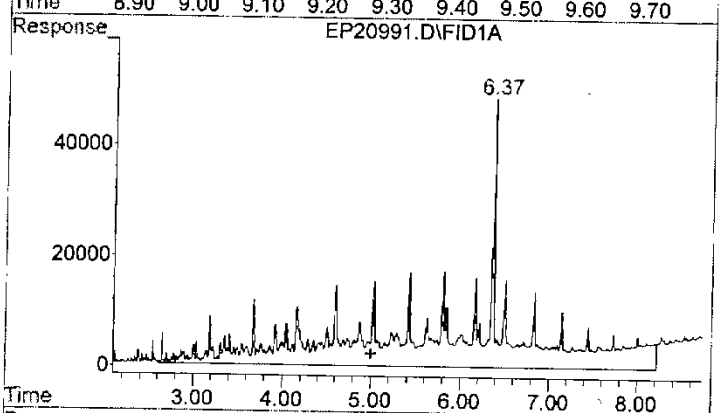
#1 o-terphenyl (S)

R.T.: 6.372 min
Delta R.T.: 0.001 min
Response: 551620
Conc: 15.46 ng/ul



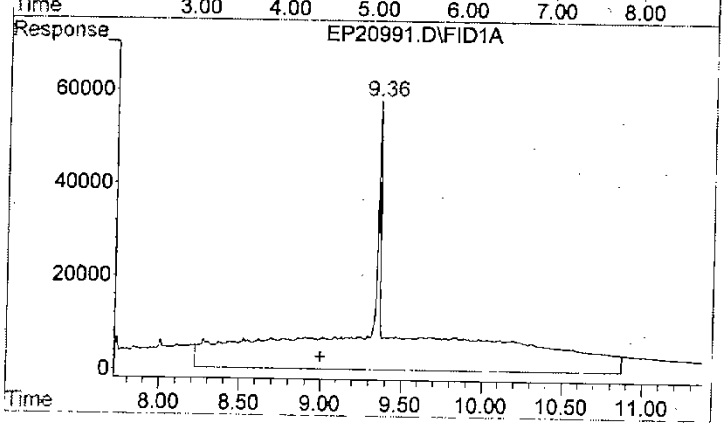
#2 n-triacontane-d62 (S)

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 565515
Conc: 18.85 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 13712133
Conc: 389.49 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 9353145
Conc: 535.42 ng/ul m

005030

LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17271

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 8:00:09AM

Batch End:

Ultrasonic Extraction (Low Level)

	Input Sample Lab ID (Analytical Method)	SDG	Initial Amount	Final Amount	Due Date	Analytical TAT	Dlv Rank	Comments	Output Sample Lab ID
1	MB~580-17271/1 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		MB 580-17271/1-A
2	LCS~580-17271/2 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		LCS 580-17271/2-A
3	LCSD~580-17271/3 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		LCSD 580-17271/3-A
4	580-5372-A-3 (AK102_103)	N/A	10.6120 g	10 mL	4/10/07	13_Days - R	4		580-5372-A-3-D
5	580-5385-B-11 (AK102_103)	N/A	10.3980 g	10 mL	4/11/07	13_Days - R	4		580-5385-B-11-J
6	580-5385-B-12 (AK102_103)	N/A	10.9096 g	10 mL	4/11/07	13_Days - R	4		580-5385-B-12-E
7	580-5404-A-13 (AK102_103)	N/A	10.5752 g	10 mL	4/12/07	13_Days - R	4		580-5404-A-13-E
8	580-5404-A-14 (AK102_103)	N/A	10.7476 g	10 mL	4/12/07	13_Days - R	4		580-5404-A-14-E
9	580-5404-A-14~MS (AK102_103)	N/A	10.9170 g	10 mL	4/12/07	13_Days - R	4		580-5404-A-14-F MS
10	580-5404-A-14~MSD (AK102_103)	N/A	10.8282 g	10 mL	4/12/07	13_Days - R	4		580-5404-A-14-G MSD
11	580-5407-A-5 (AK102_103)	N/A	10.4936 g	10 mL	4/12/07	13_Days - R	4		580-5407-A-5-F
12	580-5407-A-6 (AK102_103)	N/A	10.0452 g	10 mL	4/12/07	13_Days - R	4		580-5407-A-6-H

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17271

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 8:00:09AM

Batch End:

Batch Notes

Batch Comment	sea203
Person's name who did the concentration	
Vendor lot number	
Prep Solvent Volume Used	10
Person's name who witnessed reagent drop	
Solvent	MeCL2
Vendor of Reagent used	J.T. Baker

Comments

Login Comments for Job 5372: PND07-9 4oz soil jar rcvd broken...
PHD07-9 Methanol preserved sample in non pretared jar...

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17271

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 8:00:09AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17271/1	SAK1023_SR_00003	100 uL	10 mL		
LCS 580-17271/2	NWDX_MS_00001	100 uL	10 mL		
LCS 580-17271/2	SAK1023_SR_00003	100 uL	10 mL		
LCSD 580-17271/3	NWDX_MS_00001	100 uL	10 mL		
LCSD 580-17271/3	SAK1023_SR_00003	100 uL	10 mL		
580-5372-A-3	SAK1023_SR_00003	100 uL	10 mL		
580-5385-B-11	SAK1023_SR_00003	100 uL	10 mL		
580-5385-B-12	SAK1023_SR_00003	100 uL	10 mL		
580-5404-A-13	SAK1023_SR_00003	100 uL	10 mL		
580-5404-A-14	SAK1023_SR_00003	100 uL	10 mL		
580-5404-A-14 MS	NWDX_MS_00001	100 uL	10 mL		
580-5404-A-14 MS	SAK1023_SR_00003	100 uL	10 mL		
580-5404-A-14 MSD	NWDX_MS_00001	100 uL	10 mL		
580-5404-A-14 MSD	SAK1023_SR_00003	100 uL	10 mL		
580-5407-A-5	SAK1023_SR_00003	100 uL	10 mL		
580-5407-A-6	SAK1023_SR_00003	100 uL	10 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17271

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 8:00:09AM

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

TOTAL METALS DATA PACKAGE

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 4/6/2007 11:32:14 AM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:18 PM,

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Lu 261.542	572864.6	8448.11	1.47%	100.2	%
Sc 361.383	1041152.9	15570.50	1.50%	100.4	%
As 188.979†	9.5	2.26	23.89%	[0.00]	mg/L
Cd 226.502†	330.4	4.59	1.39%	[0.00]	mg/L
Cr 267.716†	259.7	14.68	5.65%	[0.00]	mg/L
Pb 220.353†	164.4	6.21	3.78%	[0.00]	mg/L
Se 196.026†	12.0	4.96	41.23%	[0.00]	mg/L
Ag 328.068†	-530.0	102.30	19.30%	[0.00]	mg/L
Cu 327.393†	-567.1	88.62	15.63%	[0.00]	mg/L
Ni 231.604†	-192.4	3.50	1.82%	[0.00]	mg/L
Zn 206.200†	351.3	9.46	2.69%	[0.00]	mg/L
Sb 206.836†	-76.7	2.02	2.63%	[0.00]	mg/L
Fe 273.955†	1300.8	25.38	1.95%	[0.00]	mg/L
Mg 279.077†	-0.2	1.00	569.18%	[0.00]	mg/L
Mo 202.031†	0.4	3.36	751.22%	[0.00]	mg/L

Sequence No.: 2
Sample ID: Low Standard
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 4/6/2007 11:37:14 AM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:19 PM,

Mean Data: Low Standard

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Lu 261.542	579773.9	7794.31	1.34%	101.4	%
Sc 361.383	1043397.8	15226.19	1.46%	100.6	%
As 188.979†	1960.5	30.54	1.56%	[1.00]	mg/L
Cd 226.502†	35050.5	94.45	0.27%	[0.20]	mg/L
Cr 267.716†	25819.1	40.22	0.16%	[0.20]	mg/L
Pb 220.353†	5878.7	88.95	1.51%	[0.50]	mg/L
Se 196.026†	2326.5	32.88	1.41%	[1.00]	mg/L
Ag 328.068†	55172.6	166.21	0.30%	[0.200]	mg/L
Cu 327.393†	27925.0	114.85	0.41%	[0.20]	mg/L
Ni 231.604†	11709.5	170.19	1.45%	[0.20]	mg/L
Zn 206.200†	10136.1	169.21	1.67%	[0.20]	mg/L
Sb 206.836†	4176.1	57.95	1.39%	[1.00]	mg/L
Fe 273.955†	65706.8	146.25	0.22%	[2.00]	mg/L
Mg 279.077†	312.7	5.18	1.66%	[4.00]	mg/L
Mo 202.031†	2602.1	38.95	1.50%	[0.20]	mg/L

Sequence No.: 3
Sample ID: Medium Standard
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 4/6/2007 11:42:18 AM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:19 PM,

Mean Data: Medium Standard

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Calib Units
Lu 261.542	579940.3	11264.12	1.94%	101.5	%
Sc 361.383	1062824.2	19492.04	1.83%	102.5	%
As 188.979†	9951.0	120.59	1.21%	[5.00]	mg/L
Cd 226.502†	173485.8	2162.64	1.25%	[1.00]	mg/L
Cr 267.716†	134061.7	1577.52	1.18%	[1.00]	mg/L

Pb 220.353†	29594.7	372.10	1.26%	[2.50] mg/L
Se 196.026†	11694.0	211.29	1.81%	[5.00] mg/L
Ag 328.068†	276833.9	3068.59	1.11%	[1.00] mg/L
Cu 327.393†	144806.0	1652.36	1.14%	[1.00] mg/L
Ni 231.604†	59893.7	747.12	1.25%	[1.00] mg/L
Zn 206.200†	52471.3	729.45	1.39%	[1.00] mg/L
Sb 206.836†	21865.0	276.02	1.26%	[5.00] mg/L
Fe 273.955†	341338.1	4172.02	1.22%	[10.0] mg/L
Mg 279.077†	1664.4	31.76	1.91%	[20.0] mg/L
Mo 202.031†	13552.1	92.72	0.68%	[1.00] mg/L

Sequence No.: 4
Sample ID: High Standard
Analyst: RB
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 4/6/2007 11:46:26 AM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:20 PM,

Mean Data: High Standard

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Lu 261.542	581542.7	2921.43	0.50%	101.7	%
Sc 361.383	1119391.8	9917.22	0.89%	107.9	%
As 188.979†	19749.8	254.39	1.29%	[10.00]	mg/L
Cd 226.502†	341585.7	1163.69	0.34%	[2.00]	mg/L
Cr 267.716†	266276.9	832.61	0.31%	[2.00]	mg/L
Pb 220.353†	58300.5	689.51	1.18%	[5.00]	mg/L
Se 196.026†	23050.3	203.51	0.88%	[10.0]	mg/L
Ag 328.068†	550795.1	1707.50	0.31%	[2.00]	mg/L
Cu 327.393†	288633.9	1095.02	0.38%	[2.00]	mg/L
Ni 231.604†	117162.1	1345.07	1.15%	[2.00]	mg/L
Zn 206.200†	102541.7	1085.95	1.06%	[2.00]	mg/L
Sb 206.836†	43316.9	544.93	1.26%	[10.0]	mg/L
Fe 273.955†	671548.2	1487.27	0.22%	[20.0]	mg/L
Mg 279.077†	3369.5	50.25	1.49%	[40.0]	mg/L
Mo 202.031†	26727.7	262.14	0.98%	[2.00]	mg/L

Sequence No.: 5
Sample ID: Rinse
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 0
Date Collected: 4/6/2007 11:49:38 AM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:20 PM,

Mean Data: Rinse

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	571714.2	100.0	%	0.83				0.83%
Sc 361.383	1038277.0	100.1	%	1.04				1.04%
As 188.979†	7.6	0.0038	mg/L	0.00243	0.0038	mg/L	0.00243	63.69%
QC value within limits for As 188.979 Recovery = Not calculated								
Cd 226.502†	154.7	0.0009	mg/L	0.00012	0.0009	mg/L	0.00012	13.61%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cr 267.716†	162.0	0.0012	mg/L	0.00018	0.0012	mg/L	0.00018	15.15%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Pb 220.353†	117.9	0.0101	mg/L	0.00059	0.0101	mg/L	0.00059	5.87%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Se 196.026†	7.6	0.0033	mg/L	0.00111	0.0033	mg/L	0.00111	33.77%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068†	293.2	0.0011	mg/L	0.00035	0.0011	mg/L	0.00035	32.53%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Cu 327.393†	1017.9	0.0071	mg/L	0.00052	0.0071	mg/L	0.00052	7.41%
QC value within limits for Cu 327.393 Recovery = Not calculated								
Ni 231.604†	82.1	0.0014	mg/L	0.00031	0.0014	mg/L	0.00031	21.95%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Zn 206.200†	289.0	0.0056	mg/L	0.00080	0.0056	mg/L	0.00080	14.32%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Sb 206.836†	15.8	0.0037	mg/L	0.00090	0.0037	mg/L	0.00090	24.51%
QC value within limits for Sb 206.836 Recovery = Not calculated								

Fe 273.955†	-108.4	-0.0032 mg/L	0.00358	-0.0032 mg/L	0.00358	111.25%
QC value within limits for Fe 273.955 Recovery = Not calculated						
Mg 279.077†	0.9	0.0104 mg/L	0.05906	0.0104 mg/L	0.05906	568.40%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mo 202.031†	11.8	0.0009 mg/L	0.00016	0.0009 mg/L	0.00016	17.78%
QC value within limits for Mo 202.031 Recovery = Not calculated						

All analytes passed QC.

Sequence No.: 6
Sample ID: ICB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 4/6/2007 11:53:26 AM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:20 PM,

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Lu 261.542	571264.1	99.95	%	0.991				0.99%
Sc 361.383	1036007.7	99.90	%	1.048				1.05%
As 188.979†	-3.3	-0.0017	mg/L	0.00113	-0.0017	mg/L	0.00113	66.97%
QC value within limits for As 188.979 Recovery = Not calculated								
Cd 226.502†	0.4	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	>999.9%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cr 267.716†	-19.1	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	34.36%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Pb 220.353†	28.9	0.0025	mg/L	0.00062	0.0025	mg/L	0.00062	24.95%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Se 196.026†	-3.8	-0.0016	mg/L	0.00164	-0.0016	mg/L	0.00164	99.83%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068†	85.6	0.0003	mg/L	0.00024	0.0003	mg/L	0.00024	78.41%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Cu 327.393†	406.9	0.0028	mg/L	0.00027	0.0028	mg/L	0.00027	9.68%
QC value within limits for Cu 327.393 Recovery = Not calculated								
Ni 231.604†	1.3	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	589.68%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Zn 206.200†	101.0	0.0020	mg/L	0.00048	0.0020	mg/L	0.00048	24.54%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Sb 206.836†	-4.3	-0.0010	mg/L	0.00027	-0.0010	mg/L	0.00027	27.27%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Fe 273.955†	-172.5	-0.0051	mg/L	0.00073	-0.0051	mg/L	0.00073	14.25%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Mg 279.077†	1.0	0.0121	mg/L	0.02543	0.0121	mg/L	0.02543	210.81%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mo 202.031†	1.0	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	45.24%
QC value within limits for Mo 202.031 Recovery = Not calculated								

All analytes passed QC.

Sequence No.: 7
Sample ID: ICV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 4/6/2007 11:57:29 AM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:20 PM,

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Lu 261.542	579979.7	101.5	%	0.98				0.97%
Sc 361.383	1083478.9	104.5	%	1.15				1.10%
As 188.979†	9742.7	4.926	mg/L	0.0202	4.926	mg/L	0.0202	0.41%
QC value within limits for As 188.979 Recovery = 98.52%								
Cd 226.502†	89566.6	0.5227	mg/L	0.00118	0.5227	mg/L	0.00118	0.23%
QC value within limits for Cd 226.502 Recovery = 104.53%								
Cr 267.716†	267378.8	2.006	mg/L	0.0013	2.006	mg/L	0.0013	0.06%
QC value within limits for Cr 267.716 Recovery = 100.30%								
Pb 220.353†	23991.3	2.051	mg/L	0.0060	2.051	mg/L	0.0060	0.29%
QC value within limits for Pb 220.353 Recovery = 102.56%								
Se 196.026†	22712.1	9.824	mg/L	0.0357	9.824	mg/L	0.0357	0.36%

QC value within limits for Se 196.026 Recovery = 98.24%

Ag 328.068†	283920.2	1.030 mg/L	0.0025	1.030 mg/L	0.0025	0.25%
QC value within limits for Ag 328.068 Recovery = 102.99%						
Cu 327.393†	303628.6	2.103 mg/L	0.0037	2.103 mg/L	0.0037	0.18%
QC value within limits for Cu 327.393 Recovery = 105.15%						
Ni 231.604†	127513.1	2.167 mg/L	0.0017	2.167 mg/L	0.0017	0.08%
QC value within limits for Ni 231.604 Recovery = 108.35%						
Zn 206.200†	82222.3	1.596 mg/L	0.0039	1.596 mg/L	0.0039	0.25%
QC value within limits for Zn 206.200 Recovery = 106.43%						
Sb 206.836†	21759.4	5.015 mg/L	0.0059	5.015 mg/L	0.0059	0.12%
QC value within limits for Sb 206.836 Recovery = 100.30%						
Fe 273.955†	349796.0	10.39 mg/L	0.007	10.39 mg/L	0.007	0.07%
QC value within limits for Fe 273.955 Recovery = 103.85%						
Mg 279.077†	850.1	10.12 mg/L	0.086	10.12 mg/L	0.086	0.85%
QC value within limits for Mg 279.077 Recovery = 101.22%						
Mo 202.031†	13435.0	1.003 mg/L	0.0033	1.003 mg/L	0.0033	0.33%
QC value within limits for Mo 202.031 Recovery = 100.27%						

All analytes passed QC.

Sequence No.: 8
Sample ID: ICV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 4/6/2007 12:01:45 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:22 PM,

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	583308.0	102.1	%	0.19				0.18%
Sc 361.383	1075807.8	103.7	%	0.14				0.13%
As 188.979†	9668.3	4.888	mg/L	0.0556	4.888	mg/L	0.0556	1.14%
QC value within limits for As 188.979 Recovery = 97.76%								
Cd 226.502†	88821.1	0.5183	mg/L	0.00572	0.5183	mg/L	0.00572	1.10%
QC value within limits for Cd 226.502 Recovery = 103.66%								
Cr 267.716†	268548.0	2.015	mg/L	0.0021	2.015	mg/L	0.0021	0.10%
QC value within limits for Cr 267.716 Recovery = 100.74%								
Pb 220.353†	23871.3	2.041	mg/L	0.0221	2.041	mg/L	0.0221	1.08%
QC value within limits for Pb 220.353 Recovery = 102.05%								
Se 196.026†	22581.8	9.768	mg/L	0.1467	9.768	mg/L	0.1467	1.50%
QC value within limits for Se 196.026 Recovery = 97.68%								
Ag 328.068†	284779.3	1.033	mg/L	0.0017	1.033	mg/L	0.0017	0.16%
QC value within limits for Ag 328.068 Recovery = 103.30%								
Cu 327.393†	305135.5	2.113	mg/L	0.0014	2.113	mg/L	0.0014	0.07%
QC value within limits for Cu 327.393 Recovery = 105.67%								
Ni 231.604†	128077.2	2.177	mg/L	0.0005	2.177	mg/L	0.0005	0.02%
QC value within limits for Ni 231.604 Recovery = 108.83%								
Zn 206.200†	81597.0	1.584	mg/L	0.0226	1.584	mg/L	0.0226	1.43%
QC value within limits for Zn 206.200 Recovery = 105.62%								
Sb 206.836†	21583.6	4.975	mg/L	0.0698	4.975	mg/L	0.0698	1.40%
QC value within limits for Sb 206.836 Recovery = 99.49%								
Fe 273.955†	351366.9	10.43	mg/L	0.006	10.43	mg/L	0.006	0.06%
QC value within limits for Fe 273.955 Recovery = 104.32%								
Mg 279.077†	852.1	10.15	mg/L	0.069	10.15	mg/L	0.069	0.68%
QC value within limits for Mg 279.077 Recovery = 101.45%								
Mo 202.031†	13362.1	0.9973	mg/L	0.01259	0.9973	mg/L	0.01259	1.26%
QC value within limits for Mo 202.031 Recovery = 99.73%								

All analytes passed QC.

Sequence No.: 9
Sample ID: ICB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 4/6/2007 12:05:58 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:22 PM,

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Lu 261.542	574287.6	100.5 %	1.48			1.48%
Sc 361.383	1041531.9	100.4 %	1.48			1.48%
As 188.979†	-1.2	-0.0006 mg/L	0.00034	-0.0006 mg/L	0.00034	58.35%
QC value within limits for As 188.979 Recovery = Not calculated						
Cd 226.502†	-3.4	0.0000 mg/L	0.00005	0.0000 mg/L	0.00005	228.90%
QC value within limits for Cd 226.502 Recovery = Not calculated						
Cr 267.716†	59.0	0.0004 mg/L	0.00009	0.0004 mg/L	0.00009	20.91%
QC value within limits for Cr 267.716 Recovery = Not calculated						
Pb 220.353†	20.9	0.0018 mg/L	0.00076	0.0018 mg/L	0.00076	42.36%
QC value within limits for Pb 220.353 Recovery = Not calculated						
Se 196.026†	-0.1	0.0000 mg/L	0.00135	0.0000 mg/L	0.00135	>999.9%
QC value within limits for Se 196.026 Recovery = Not calculated						
Ag 328.068†	-94.0	-0.0003 mg/L	0.00055	-0.0003 mg/L	0.00055	159.97%
QC value within limits for Ag 328.068 Recovery = Not calculated						
Cu 327.393†	294.4	0.0020 mg/L	0.00091	0.0020 mg/L	0.00091	44.44%
QC value within limits for Cu 327.393 Recovery = Not calculated						
Ni 231.604†	17.0	0.0003 mg/L	0.00011	0.0003 mg/L	0.00011	38.39%
QC value within limits for Ni 231.604 Recovery = Not calculated						
Zn 206.200†	169.1	0.0033 mg/L	0.00044	0.0033 mg/L	0.00044	13.44%
QC value within limits for Zn 206.200 Recovery = Not calculated						
Sb 206.836†	-3.0	-0.0007 mg/L	0.00042	-0.0007 mg/L	0.00042	61.63%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Fe 273.955†	-169.8	-0.0050 mg/L	0.00096	-0.0050 mg/L	0.00096	19.08%
QC value within limits for Fe 273.955 Recovery = Not calculated						
Mg 279.077†	0.3	0.0033 mg/L	0.01905	0.0033 mg/L	0.01905	573.45%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mo 202.031†	0.9	0.0001 mg/L	0.00016	0.0001 mg/L	0.00016	250.74%
QC value within limits for Mo 202.031 Recovery = Not calculated						

All analytes passed QC.

Sequence No.: 10
Sample ID: RL-STD
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 4/6/2007 12:09:59 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:22 PM,

Mean Data: RL-STD

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	575279.3	100.6	%	0.74				0.73%
Sc 361.383	1037318.4	100.0	%	0.87				0.87%
As 188.979†	101.6	0.0514	mg/L	0.00107	0.0514	mg/L	0.00107	2.09%
QC value within limits for As 188.979 Recovery = 102.76%								
Cd 226.502†	941.0	0.0055	mg/L	0.00005	0.0055	mg/L	0.00005	0.85%
QC value within limits for Cd 226.502 Recovery = 109.82%								
Cr 267.716†	2960.1	0.0222	mg/L	0.00013	0.0222	mg/L	0.00013	0.60%
QC value within limits for Cr 267.716 Recovery = 111.04%								
Pb 220.353†	261.9	0.0224	mg/L	0.00126	0.0224	mg/L	0.00126	5.61%
QC value within limits for Pb 220.353 Recovery = 111.96%								
Se 196.026†	237.9	0.1029	mg/L	0.00150	0.1029	mg/L	0.00150	1.46%
QC value within limits for Se 196.026 Recovery = 102.88%								
Ag 328.068†	2949.7	0.0107	mg/L	0.00023	0.0107	mg/L	0.00023	2.14%
QC value within limits for Ag 328.068 Recovery = 106.99%								
Cu 327.393†	3404.5	0.0236	mg/L	0.00044	0.0236	mg/L	0.00044	1.88%
QC value within limits for Cu 327.393 Recovery = 117.90%								
Ni 231.604†	1304.2	0.0222	mg/L	0.00027	0.0222	mg/L	0.00027	1.22%
QC value within limits for Ni 231.604 Recovery = 110.82%								
Zn 206.200†	900.4	0.0175	mg/L	0.00036	0.0175	mg/L	0.00036	2.06%
QC value within limits for Zn 206.200 Recovery = 116.54%								
Sb 206.836†	234.1	0.0540	mg/L	0.00109	0.0540	mg/L	0.00109	2.02%
QC value within limits for Sb 206.836 Recovery = 107.90%								
Fe 273.955†	3080.2	0.0914	mg/L	0.00194	0.0914	mg/L	0.00194	2.12%
QC value within limits for Fe 273.955 Recovery = 91.45%								
Mg 279.077†	94.0	1.119	mg/L	0.0124	1.119	mg/L	0.0124	1.10%
QC value within limits for Mg 279.077 Recovery = 101.73%								
Mo 202.031†	145.9	0.0109	mg/L	0.00034	0.0109	mg/L	0.00034	3.08%
QC value within limits for Mo 202.031 Recovery = 108.90%								

All analytes passed QC.

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Sequence No.: 11
Sample ID: RL-STD
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 4/6/2007 12:15:05 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:23 PM,

Mean Data: RL-STD

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	575345.8	100.7	%	0.38				0.37%
Sc 361.383	1041053.6	100.4	%	0.34				0.34%
As 188.979†	104.6	0.0529	mg/L	0.00145	0.0529	mg/L	0.00145	2.75%
QC value within limits for As 188.979 Recovery = 105.77%								
Cd 226.502†	945.4	0.0055	mg/L	0.00007	0.0055	mg/L	0.00007	1.26%
QC value within limits for Cd 226.502 Recovery = 110.33%								
Cr 267.716†	2934.9	0.0220	mg/L	0.00001	0.0220	mg/L	0.00001	0.06%
QC value within limits for Cr 267.716 Recovery = 110.10%								
Pb 220.353†	252.7	0.0216	mg/L	0.00028	0.0216	mg/L	0.00028	1.29%
QC value within limits for Pb 220.353 Recovery = 108.02%								
Se 196.026†	238.8	0.1033	mg/L	0.00036	0.1033	mg/L	0.00036	0.34%
QC value within limits for Se 196.026 Recovery = 103.30%								
Ag 328.068†	2969.6	0.0108	mg/L	0.00042	0.0108	mg/L	0.00042	3.86%
QC value within limits for Ag 328.068 Recovery = 107.72%								
Cu 327.393†	3072.0	0.0213	mg/L	0.00075	0.0213	mg/L	0.00075	3.51%
QC value within limits for Cu 327.393 Recovery = 106.39%								
Ni 231.604†	1299.8	0.0221	mg/L	0.00020	0.0221	mg/L	0.00020	0.88%
QC value within limits for Ni 231.604 Recovery = 110.45%								
Zn 206.200†	802.1	0.0156	mg/L	0.00026	0.0156	mg/L	0.00026	1.64%
QC value within limits for Zn 206.200 Recovery = 103.82%								
Sb 206.836†	233.3	0.0538	mg/L	0.00057	0.0538	mg/L	0.00057	1.07%
QC value within limits for Sb 206.836 Recovery = 107.53%								
Fe 273.955†	3154.1	0.0936	mg/L	0.00540	0.0936	mg/L	0.00540	5.76%
QC value within limits for Fe 273.955 Recovery = 93.64%								
Mg 279.077†	92.9	1.106	mg/L	0.0282	1.106	mg/L	0.0282	2.55%
QC value within limits for Mg 279.077 Recovery = 100.53%								
Mo 202.031†	148.7	0.0111	mg/L	0.00021	0.0111	mg/L	0.00021	1.89%
QC value within limits for Mo 202.031 Recovery = 111.01%								

All analytes passed QC.

Sequence No.: 12
Sample ID: HIGH-STD
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 4/6/2007 12:20:08 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:24 PM,

Mean Data: HIGH-STD

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	576123.4	100.8	%	0.49				0.49%
Sc 361.383	1102603.0	106.3	%	0.77				0.72%
As 188.979†	19701.4	9.961	mg/L	0.0344	9.961	mg/L	0.0344	0.34%
QC value within limits for As 188.979 Recovery = 99.61%								
Cd 226.502†	340769.4	1.989	mg/L	0.0023	1.989	mg/L	0.0023	0.12%
QC value within limits for Cd 226.502 Recovery = 99.43%								
Cr 267.716†	266250.8	1.998	mg/L	0.0022	1.998	mg/L	0.0022	0.11%
QC value within limits for Cr 267.716 Recovery = 99.88%								
Pb 220.353†	58193.6	4.975	mg/L	0.0093	4.975	mg/L	0.0093	0.19%
QC value within limits for Pb 220.353 Recovery = 99.51%								
Se 196.026†	23035.5	9.964	mg/L	0.0310	9.964	mg/L	0.0310	0.31%
QC value within limits for Se 196.026 Recovery = 99.64%								
Ag 328.068†	550043.1	1.995	mg/L	0.0018	1.995	mg/L	0.0018	0.09%
QC value within limits for Ag 328.068 Recovery = 99.76%								
Cu 327.393†	287948.4	1.994	mg/L	0.0019	1.994	mg/L	0.0019	0.09%
QC value within limits for Cu 327.393 Recovery = 99.72%								
Ni 231.604†	117185.6	1.992	mg/L	0.0049	1.992	mg/L	0.0049	0.25%
QC value within limits for Ni 231.604 Recovery = 99.58%								
Zn 206.200†	101992.0	1.980	mg/L	0.0040	1.980	mg/L	0.0040	0.20%

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QC value within limits for Zn 206.200 Recovery = 99.01%

Sb 206.836†	43344.9	9.990 mg/L	0.0313	9.990 mg/L	0.0313	0.31%

QC value within limits for Sb 206.836 Recovery = 99.90%

Fe 273.955†	672417.9	19.96 mg/L	0.025	19.96 mg/L	0.025	0.13%

QC value within limits for Fe 273.955 Recovery = 99.82%

Mg 279.077†	3436.8	40.92 mg/L	0.500	40.92 mg/L	0.500	1.22%

QC value within limits for Mg 279.077 Recovery = 102.30%

Mo 202.031†	26632.6	1.988 mg/L	0.0010	1.988 mg/L	0.0010	0.05%

QC value within limits for Mo 202.031 Recovery = 99.39%

All analytes passed QC.

Sequence No.: 13
Sample ID: ICSA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 4/6/2007 12:23:21 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:25 PM,

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	539828.8	94.45	%	0.280				0.30%
Sc 361.383	1045446.6	100.8	%	1.52				1.51%
As 188.979†	-9.3	-0.0047	mg/L	0.00893	-0.0047	mg/L	0.00893	189.49%

QC value within limits for As 188.979 Recovery = Not calculated

Cd 226.502†	132.5	0.0008	mg/L	0.00025	0.0008	mg/L	0.00025	32.41%

QC value within limits for Cd 226.502 Recovery = Not calculated

Cr 267.716†	-464.0	-0.0035	mg/L	0.00034	-0.0035	mg/L	0.00034	9.68%

QC value within limits for Cr 267.716 Recovery = Not calculated

Pb 220.353†	0.6	0.0001	mg/L	0.00500	0.0001	mg/L	0.00500	>999.9%

QC value within limits for Pb 220.353 Recovery = Not calculated

Se 196.026†	-51.1	-0.0221	mg/L	0.02021	-0.0221	mg/L	0.02021	91.42%

QC value within limits for Se 196.026 Recovery = Not calculated

Ag 328.068†	-50.9	-0.0002	mg/L	0.00074	-0.0002	mg/L	0.00074	402.43%

QC value within limits for Ag 328.068 Recovery = Not calculated

Cu 327.393†	-342.4	-0.0024	mg/L	0.00048	-0.0024	mg/L	0.00048	20.32%

QC value within limits for Cu 327.393 Recovery = Not calculated

Ni 231.604†	-256.9	-0.0044	mg/L	0.00019	-0.0044	mg/L	0.00019	4.35%

QC value within limits for Ni 231.604 Recovery = Not calculated

Zn 206.200†	678.8	0.0132	mg/L	0.00022	0.0132	mg/L	0.00022	1.65%

QC value within limits for Zn 206.200 Recovery = Not calculated

Sb 206.836†	-165.9	-0.0382	mg/L	0.01219	-0.0382	mg/L	0.01219	31.88%

QC value within limits for Sb 206.836 Recovery = Not calculated

Fe 273.955†	6176515.9	183.4	mg/L	0.23	183.4	mg/L	0.23	0.13%

QC value within limits for Fe 273.955 Recovery = 91.69%

Mg 279.077†	43839.1	522.0	mg/L	6.58	522.0	mg/L	6.58	1.26%

QC value within limits for Mg 279.077 Recovery = 104.39%

Mo 202.031†	15.6	0.0012	mg/L	0.00076	0.0012	mg/L	0.00076	64.89%

QC value within limits for Mo 202.031 Recovery = Not calculated

All analytes passed QC.

Sequence No.: 14
Sample ID: ICSAB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 8
Date Collected: 4/6/2007 12:26:35 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:25 PM,

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	534974.6	93.60	%	1.045				1.12%
Sc 361.383	1036994.4	100.00	%	1.264				1.26%
As 188.979†	17220.5	8.707	mg/L	0.1784	8.707	mg/L	0.1784	2.05%

QC value within limits for As 188.979 Recovery = 87.07%

Cd 226.502†	487390.4	2.844	mg/L	0.0180	2.844	mg/L	0.0180	0.63%

QC value within limits for Cd 226.502 Recovery = 94.81%

Cr 267.716†	398297.1	2.988	mg/L	0.0180	2.988	mg/L	0.0180	0.60%

QC value within limits for Cr 267.716 Recovery = 99.61%

Pb 220.353†	109883.4	9.395 mg/L	0.0599	9.395 mg/L	0.0599	0.64%
QC value within limits for Pb 220.353 Recovery = 93.95%						
Se 196.026†	11474.5	4.963 mg/L	0.0708	4.963 mg/L	0.0708	1.43%
QC value within limits for Se 196.026 Recovery = 99.26%						
Ag 328.068†	869976.1	3.156 mg/L	0.0172	3.156 mg/L	0.0172	0.55%
QC value within limits for Ag 328.068 Recovery = 105.19%						
Cu 327.393†	434475.6	3.009 mg/L	0.0187	3.009 mg/L	0.0187	0.62%
QC value within limits for Cu 327.393 Recovery = 100.31%						
Ni 231.604†	167315.5	2.844 mg/L	0.0150	2.844 mg/L	0.0150	0.53%
QC value within limits for Ni 231.604 Recovery = 94.78%						
Zn 206.200†	133718.4	2.596 mg/L	0.0164	2.596 mg/L	0.0164	0.63%
QC value within limits for Zn 206.200 Recovery = 86.54%						
Sb 206.836†	42608.6	9.821 mg/L	0.1890	9.821 mg/L	0.1890	1.92%
QC value within limits for Sb 206.836 Recovery = 98.21%						
Fe 273.955†	6323798.3	187.7 mg/L	0.42	187.7 mg/L	0.42	0.23%
QC value within limits for Fe 273.955 Recovery = 93.87%						
Mg 279.077†	47163.2	561.6 mg/L	9.73	561.6 mg/L	9.73	1.73%
QC value within limits for Mg 279.077 Recovery = 112.31%						
Mo 202.031†	39830.9	2.973 mg/L	0.0538	2.973 mg/L	0.0538	1.81%
QC value within limits for Mo 202.031 Recovery = 99.09%						

All analytes passed QC.

Sequence No.: 15
Sample ID: MB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 4/6/2007 12:29:51 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:26 PM,

Mean Data: MB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	567681.1	99.32	%	1.457				1.47%
Sc 361.383	1013342.8	97.72	%	1.580				1.62%
As 188.979†	20.5	0.0104	mg/L	0.00103	0.0104	mg/L	0.00103	9.90%
Cd 226.502†	163.1	0.0010	mg/L	0.00021	0.0010	mg/L	0.00021	22.47%
Cr 267.716†	33.6	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	27.26%
Pb 220.353†	362.8	0.0310	mg/L	0.00381	0.0310	mg/L	0.00381	12.28%
Se 196.026†	-4.6	-0.0020	mg/L	0.00250	-0.0020	mg/L	0.00250	126.65%
Ag 328.068†	-105.6	-0.0004	mg/L	0.00030	-0.0004	mg/L	0.00030	77.88%
Cu 327.393†	2515.8	0.0174	mg/L	0.00177	0.0174	mg/L	0.00177	10.16%
Ni 231.604†	73.7	0.0013	mg/L	0.00012	0.0013	mg/L	0.00012	9.28%
Zn 206.200†	1186.7	0.0230	mg/L	0.00243	0.0230	mg/L	0.00243	10.53%
Sb 206.836†	41.4	0.0096	mg/L	0.00109	0.0096	mg/L	0.00109	11.37%
Fe 273.955†	736.4	0.0219	mg/L	0.00388	0.0219	mg/L	0.00388	17.75%
Mg 279.077†	50.4	0.6006	mg/L	0.02200	0.6006	mg/L	0.02200	3.66%
Mo 202.031†	14.1	0.0010	mg/L	0.00029	0.0010	mg/L	0.00029	27.32%

Sequence No.: 16
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 4/6/2007 12:34:55 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:26 PM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	576892.3	100.9	%	0.50				0.49%
Sc 361.383	1057847.4	102.0	%	0.49				0.48%
As 188.979†	9834.1	4.972	mg/L	0.0458	4.972	mg/L	0.0458	0.92%
QC value within limits for As 188.979 Recovery = 99.44%								
Cd 226.502†	173755.7	1.014	mg/L	0.0015	1.014	mg/L	0.0015	0.15%
QC value within limits for Cd 226.502 Recovery = 101.40%								
Cr 267.716†	135253.9	1.015	mg/L	0.0006	1.015	mg/L	0.0006	0.06%
QC value within limits for Cr 267.716 Recovery = 101.47%								
Pb 220.353†	29607.6	2.531	mg/L	0.0309	2.531	mg/L	0.0309	1.22%
QC value within limits for Pb 220.353 Recovery = 101.26%								
Se 196.026†	11466.7	4.960	mg/L	0.0684	4.960	mg/L	0.0684	1.38%

QC value within limits for Se 196.026 Recovery = 99.20%

Ag 328.068†	277296.5	1.006 mg/L	0.0017	1.006 mg/L	0.0017	0.17%
QC value within limits for Ag 328.068 Recovery = 100.58%						
Cu 327.393†	147143.4	1.019 mg/L	0.0017	1.019 mg/L	0.0017	0.17%
QC value within limits for Cu 327.393 Recovery = 101.92%						
Ni 231.604†	59271.3	1.007 mg/L	0.0125	1.007 mg/L	0.0125	1.24%
QC value within limits for Ni 231.604 Recovery = 100.73%						
Zn 206.200†	52122.0	1.012 mg/L	0.0102	1.012 mg/L	0.0102	1.01%
QC value within limits for Zn 206.200 Recovery = 101.20%						
Sb 206.836†	21707.3	5.003 mg/L	0.0393	5.003 mg/L	0.0393	0.78%
QC value within limits for Sb 206.836 Recovery = 100.06%						
Fe 273.955†	343135.2	10.19 mg/L	0.006	10.19 mg/L	0.006	0.06%
QC value within limits for Fe 273.955 Recovery = 101.87%						
Mg 279.077†	1771.2	21.09 mg/L	0.093	21.09 mg/L	0.093	0.44%
QC value within limits for Mg 279.077 Recovery = 105.45%						
Mo 202.031†	13349.3	0.9963 mg/L	0.00905	0.9963 mg/L	0.00905	0.91%
QC value within limits for Mo 202.031 Recovery = 99.63%						

All analytes passed QC.

Sequence No: 17
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 4/6/2007 12:39:05 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:35:27 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	566452.6	99.10	%	1.781				1.80%
Sc 361.383	1024215.8	98.76	%	1.886				1.91%
As 188.979†	2.6	0.0013	mg/L	0.00067	0.0013	mg/L	0.00067	50.06%
QC value within limits for As 188.979 Recovery = Not calculated								
Cd 226.502†	24.3	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	14.47%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cr 267.716†	-4.7	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	178.38%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Pb 220.353†	135.5	0.0116	mg/L	0.00171	0.0116	mg/L	0.00171	14.74%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Se 196.026†	-5.3	-0.0023	mg/L	0.00360	-0.0023	mg/L	0.00360	158.53%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068†	-57.4	-0.0002	mg/L	0.00052	-0.0002	mg/L	0.00052	250.65%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Cu 327.393†	1126.8	0.0078	mg/L	0.00051	0.0078	mg/L	0.00051	6.60%
QC value within limits for Cu 327.393 Recovery = Not calculated								
Ni 231.604†	44.8	0.0008	mg/L	0.00009	0.0008	mg/L	0.00009	11.97%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Zn 206.200†	473.5	0.0092	mg/L	0.00073	0.0092	mg/L	0.00073	7.93%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Sb 206.836†	5.0	0.0012	mg/L	0.00172	0.0012	mg/L	0.00172	149.14%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Fe 273.955†	90.9	0.0027	mg/L	0.00147	0.0027	mg/L	0.00147	54.54%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Mg 279.077†	27.8	0.3305	mg/L	0.02129	0.3305	mg/L	0.02129	6.44%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mo 202.031†	3.0	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	71.43%
QC value within limits for Mo 202.031 Recovery = Not calculated								

All analytes passed QC.

Sequence No.: 1
Sample ID: CCV
Analyst: RB
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 4/6/2007 1:04:02 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:29 PM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	577583.7	101.1	%	0.17				0.16%
Sc 361.383	1058388.9	102.1	%	0.05				0.05%
As 188.979†	9931.9	5.053	mg/L	0.0361	5.053	mg/L	0.0361	0.71%
QC value within limits for As 188.979 Recovery = 101.07%								
Cd 226.502†	174082.0	1.022	mg/L	0.0062	1.022	mg/L	0.0062	0.61%
QC value within limits for Cd 226.502 Recovery = 102.16%								
Cr 267.716†	135746.2	1.021	mg/L	0.0065	1.021	mg/L	0.0065	0.64%
QC value within limits for Cr 267.716 Recovery = 102.11%								
Pb 220.353†	29851.9	2.563	mg/L	0.0235	2.563	mg/L	0.0235	0.92%
QC value within limits for Pb 220.353 Recovery = 102.51%								
Se 196.026†	11557.5	5.026	mg/L	0.0436	5.026	mg/L	0.0436	0.87%
QC value within limits for Se 196.026 Recovery = 100.52%								
Ag 328.068†	278415.4	1.014	mg/L	0.0061	1.014	mg/L	0.0061	0.61%
QC value within limits for Ag 328.068 Recovery = 101.44%								
Cu 327.393†	146561.1	1.019	mg/L	0.0069	1.019	mg/L	0.0069	0.68%
QC value within limits for Cu 327.393 Recovery = 101.89%								
Ni 231.604†	59611.9	1.006	mg/L	0.0044	1.006	mg/L	0.0044	0.44%
QC value within limits for Ni 231.604 Recovery = 100.62%								
Zn 206.200†	52251.4	1.013	mg/L	0.0070	1.013	mg/L	0.0070	0.69%
QC value within limits for Zn 206.200 Recovery = 101.26%								
Sb 206.836†	21827.3	5.034	mg/L	0.0408	5.034	mg/L	0.0408	0.81%
QC value within limits for Sb 206.836 Recovery = 100.69%								
Fe 273.955†	343810.1	10.24	mg/L	0.073	10.24	mg/L	0.073	0.71%
QC value within limits for Fe 273.955 Recovery = 102.35%								
Mg 279.077†	1723.6	19.79	mg/L	0.077	19.79	mg/L	0.077	0.39%
QC value within limits for Mg 279.077 Recovery = 98.93%								
Mo 202.031†	13428.1	1.010	mg/L	0.0072	1.010	mg/L	0.0072	0.71%
QC value within limits for Mo 202.031 Recovery = 101.03%								

All analytes passed QC.

Sequence No.: 2
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 4/6/2007 1:08:12 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:29 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	565399.5	98.92	%	0.576				0.58%
Sc 361.383	1021582.8	98.51	%	0.527				0.53%
As 188.979†	1.8	0.0009	mg/L	0.00067	0.0009	mg/L	0.00067	72.96%
QC value within limits for As 188.979 Recovery = Not calculated								
Cd 226.502†	10.0	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	49.32%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cr 267.716†	36.2	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	21.25%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Pb 220.353†	47.6	0.0041	mg/L	0.00033	0.0041	mg/L	0.00033	8.06%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Se 196.026†	-3.9	-0.0017	mg/L	0.00334	-0.0017	mg/L	0.00334	194.37%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068†	-23.4	-0.0001	mg/L	0.00015	-0.0001	mg/L	0.00015	181.58%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Cu 327.393†	516.2	0.0036	mg/L	0.00093	0.0036	mg/L	0.00093	25.84%
QC value within limits for Cu 327.393 Recovery = Not calculated								
Ni 231.604†	21.1	0.0004	mg/L	0.00006	0.0004	mg/L	0.00006	15.77%
QC value within limits for Ni 231.604 Recovery = Not calculated								

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Zn 206.200†	240.6	0.0047 mg/L	0.00039	0.0047 mg/L	0.00039	8.26%
QC value within limits for Zn 206.200 Recovery = Not calculated						
Sb 206.836†	-1.1	-0.0003 mg/L	0.00129	-0.0003 mg/L	0.00129	486.87%
QC value within limits for Sb 206.836 Recovery = Not calculated						
Fe 273.955†	60.2	0.0018 mg/L	0.00049	0.0018 mg/L	0.00049	27.31%
QC value within limits for Fe 273.955 Recovery = Not calculated						
Mg 279.077†	-10.6	-0.1220 mg/L	0.01856	-0.1220 mg/L	0.01856	15.22%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mo 202.031†	0.7	0.0001 mg/L	0.00019	0.0001 mg/L	0.00019	333.48%
QC value within limits for Mo 202.031 Recovery = Not calculated						

All analytes passed QC.

Sequence No.: 3
Sample ID: MB 580-17358/19-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 4/6/2007 1:12:12 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:31 PM,

Mean Data: MB 580-17358/19-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	556336.7	97.33	%	1.140				1.17%
Sc 361.383	1015043.3	97.88	%	1.097				1.12%
As 188.979†	-3.9	-0.0020	mg/L	0.00118	-0.0020	mg/L	0.00118	59.71%
Cd 226.502†	-3.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	38.41%
Cr 267.716†	68.6	0.0005	mg/L	0.00006	0.0005	mg/L	0.00006	11.87%
Pb 220.353†	41.2	0.0035	mg/L	0.00072	0.0035	mg/L	0.00072	20.43%
Se 196.026†	4.5	0.0019	mg/L	0.00271	0.0019	mg/L	0.00271	139.35%
Ag 328.068†	-43.6	-0.0002	mg/L	0.00025	-0.0002	mg/L	0.00025	156.81%
Cu 327.393†	651.3	0.0045	mg/L	0.00036	0.0045	mg/L	0.00036	8.00%
Ni 231.604†	71.1	0.0012	mg/L	0.00011	0.0012	mg/L	0.00011	8.83%
Zn 206.200†	621.2	0.0120	mg/L	0.00101	0.0120	mg/L	0.00101	8.38%
Sb 206.836†	-0.0	0.0000	mg/L	0.00130	0.0000	mg/L	0.00130	>999.9%
Fe 273.955†	-561.4	-0.0167	mg/L	0.00252	-0.0167	mg/L	0.00252	15.05%
Mg 279.077†	-7.7	-0.0880	mg/L	0.01755	-0.0880	mg/L	0.01755	19.95%
Mo 202.031†	4.5	0.0003	mg/L	0.00021	0.0003	mg/L	0.00021	61.13%

Sequence No.: 4
Sample ID: 580-5372-A-3-E 1/5
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 4/6/2007 1:16:17 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:31 PM,

Mean Data: 580-5372-A-3-E 1/5

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	583809.9	102.1	%	1.95				1.91%
Sc 361.383	1130364.7	109.0	%	3.51				3.22%
As 188.979†	62.5	0.0318	mg/L	0.00077	0.0318	mg/L	0.00077	2.43%
Cd 226.502†	20.8	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	47.40%
Cr 267.716†	11494.1	0.0865	mg/L	0.00147	0.0865	mg/L	0.00147	1.70%
Pb 220.353†	1642.3	0.1410	mg/L	0.00336	0.1410	mg/L	0.00336	2.38%
Se 196.026†	-3.6	-0.0016	mg/L	0.00171	-0.0016	mg/L	0.00171	109.55%
Ag 328.068†	24.5	0.0001	mg/L	0.00026	0.0001	mg/L	0.00026	292.31%
Cu 327.393†	55378.6	0.3850	mg/L	0.00764	0.3850	mg/L	0.00764	1.98%
Ni 231.604†	4844.5	0.0818	mg/L	0.00156	0.0818	mg/L	0.00156	1.91%
Zn 206.200†	22046.9	0.4272	mg/L	0.00762	0.4272	mg/L	0.00762	1.78%
Sb 206.836†	-3.1	-0.0007	mg/L	0.00080	-0.0007	mg/L	0.00080	112.46%
Fe 273.955†	2808622.2	83.61	mg/L	0.365	83.61	mg/L	0.365	0.44%
Mg 279.077†	2147.7	24.66	mg/L	0.530	24.66	mg/L	0.530	2.15%
Mo 202.031†	345.7	0.0260	mg/L	0.00043	0.0260	mg/L	0.00043	1.66%

Sequence No.: 5
Sample ID: 580-5372-A-3-E
Analyst:
Sample Wt:

Autosampler Location: 15
Date Collected: 4/6/2007 1:20:25 PM

Sample Prep Volume:

Dilution: Data Type: Reprocessed on 4/6/2007 4:42:32 PM,

Mean Data: 580-5372-A-3-E

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	586530.3	102.6	%	1.23				1.20%
Sc 361.383	1247052.6	120.3	%	0.69				0.57%
As 188.979†	287.4	0.1462	mg/L	0.00824	0.1462	mg/L	0.00824	5.64%
Cd 226.502†	371.0	0.0022	mg/L	0.00040	0.0022	mg/L	0.00040	18.43%
Cr 267.716†	55356.7	0.4164	mg/L	0.00429	0.4164	mg/L	0.00429	1.03%
Pb 220.353†	7770.1	0.6670	mg/L	0.01849	0.6670	mg/L	0.01849	2.77%
Se 196.026†	98.8	0.0430	mg/L	0.00944	0.0430	mg/L	0.00944	21.97%
Ag 328.068†	81.3	0.0003	mg/L	0.00021	0.0003	mg/L	0.00021	70.12%
Cu 327.393†	278476.5	1.936	mg/L	0.0222	1.936	mg/L	0.0222	1.14%
Ni 231.604†	22954.3	0.3874	mg/L	0.00800	0.3874	mg/L	0.00800	2.07%
Zn 206.200†	103052.3	1.997	mg/L	0.0213	1.997	mg/L	0.0213	1.07%
Sb 206.836†	53.6	0.0124	mg/L	0.00603	0.0124	mg/L	0.00603	48.75%
Fe 273.955†	12872749.3	383.2	mg/L	0.84	383.2	mg/L	0.84	0.22%
Mg 279.077†	10877.6	124.9	mg/L	2.10	124.9	mg/L	2.10	1.68%
Mo 202.031†	1648.9	0.1241	mg/L	0.00196	0.1241	mg/L	0.00196	1.58%

Sequence No.: 6
Sample ID: 580-5372-A-3-F DU
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 16
Date Collected: 4/6/2007 1:23:42 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:33 PM,

Mean Data: 580-5372-A-3-F DU

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	578719.5	101.3	%	0.49				0.48%
Sc 361.383	1194486.2	115.2	%	2.04				1.77%
As 188.979†	295.5	0.1503	mg/L	0.01353	0.1503	mg/L	0.01353	9.00%
Cd 226.502†	461.2	0.0027	mg/L	0.00048	0.0027	mg/L	0.00048	17.59%
Cr 267.716†	43722.3	0.3289	mg/L	0.00697	0.3289	mg/L	0.00697	2.12%
Pb 220.353†	7507.8	0.6445	mg/L	0.00739	0.6445	mg/L	0.00739	1.15%
Se 196.026†	69.3	0.0301	mg/L	0.00989	0.0301	mg/L	0.00989	32.84%
Ag 328.068†	-100.4	-0.0004	mg/L	0.00032	-0.0004	mg/L	0.00032	86.81%
Cu 327.393†	295481.9	2.054	mg/L	0.0467	2.054	mg/L	0.0467	2.27%
Ni 231.604†	18607.0	0.3141	mg/L	0.00255	0.3141	mg/L	0.00255	0.81%
Zn 206.200†	89034.4	1.725	mg/L	0.0353	1.725	mg/L	0.0353	2.05%
Sb 206.836†	49.8	0.0115	mg/L	0.01227	0.0115	mg/L	0.01227	106.78%
Fe 273.955†	9389094.3	279.5	mg/L	0.31	279.5	mg/L	0.31	0.11%
Mg 279.077†	10103.0	116.0	mg/L	0.23	116.0	mg/L	0.23	0.20%
Mo 202.031†	1526.6	0.1149	mg/L	0.00267	0.1149	mg/L	0.00267	2.33%

Sequence No.: 7
Sample ID: 580-5372-A-3-G DU
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 4/6/2007 1:26:56 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:33 PM,

Mean Data: 580-5372-A-3-G DU

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	581477.6	101.7	%	0.41				0.41%
Sc 361.383	1240614.6	119.6	%	1.82				1.52%
As 188.979†	369.0	0.1877	mg/L	0.00643	0.1877	mg/L	0.00643	3.43%
Cd 226.502†	555.5	0.0033	mg/L	0.00020	0.0033	mg/L	0.00020	6.23%
Cr 267.716†	57436.1	0.4321	mg/L	0.00547	0.4321	mg/L	0.00547	1.26%
Pb 220.353†	9064.7	0.7782	mg/L	0.01631	0.7782	mg/L	0.01631	2.10%
Se 196.026†	83.3	0.0362	mg/L	0.00457	0.0362	mg/L	0.00457	12.61%
Ag 328.068†	384.2	0.0014	mg/L	0.00028	0.0014	mg/L	0.00028	20.18%
Cu 327.393†	1764895.8	12.27	mg/L	0.172	12.27	mg/L	0.172	1.40%
Ni 231.604†	26187.6	0.4420	mg/L	0.00806	0.4420	mg/L	0.00806	1.82%
Zn 206.200†	193420.5	3.748	mg/L	0.0450	3.748	mg/L	0.0450	1.20%

Sb 206.836†	70.4	0.0162	mg/L	0.00116	0.0162	mg/L	0.00116	7.16%
Fe 273.955†	11921015.0	354.9	mg/L	0.40	354.9	mg/L	0.40	0.11%
Mg 279.077†	12740.8	146.3	mg/L	3.00	146.3	mg/L	3.00	2.05%
Mo 202.031†	1877.5	0.1413	mg/L	0.00443	0.1413	mg/L	0.00443	3.14%

Sequence No.: 8
Sample ID: 580-5372-A-3-H MS
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 4/6/2007 1:30:20 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:33 PM,

Mean Data: 580-5372-A-3-H MS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	579864.6	101.5	%	0.45				0.44%
Sc 361.383	1222608.5	117.9	%	2.36				2.00%
As 188.979†	8362.3	4.255	mg/L	0.0152	4.255	mg/L	0.0152	0.36%
Cd 226.502†	16451.2	0.0965	mg/L	0.00025	0.0965	mg/L	0.00025	0.26%
Cr 267.716†	113388.2	0.8529	mg/L	0.00747	0.8529	mg/L	0.00747	0.88%
Pb 220.353†	20353.8	1.747	mg/L	0.0079	1.747	mg/L	0.0079	0.45%
Se 196.026†	9022.3	3.924	mg/L	0.0502	3.924	mg/L	0.0502	1.28%
Ag 328.068†	169042.7	0.6159	mg/L	0.00707	0.6159	mg/L	0.00707	1.15%
Cu 327.393†	423753.7	2.946	mg/L	0.0281	2.946	mg/L	0.0281	0.96%
Ni 231.604†	83508.9	1.410	mg/L	0.0038	1.410	mg/L	0.0038	0.27%
Zn 206.200†	182332.2	3.533	mg/L	0.0219	3.533	mg/L	0.0219	0.62%
Sb 206.836†	11778.9	2.717	mg/L	0.0117	2.717	mg/L	0.0117	0.43%
Fe 273.955†	15284753.6	455.0	mg/L	0.63	455.0	mg/L	0.63	0.14%
Mg 279.077†	15585.5	178.9	mg/L	2.02	178.9	mg/L	2.02	1.13%
Mo 202.031†	66965.7	5.038	mg/L	0.0107	5.038	mg/L	0.0107	0.21%

Sequence No.: 9
Sample ID: 580-5372-A-3-I MSD
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 4/6/2007 1:33:37 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:33 PM,

Mean Data: 580-5372-A-3-I MSD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	575901.1	100.8	%	0.42				0.42%
Sc 361.383	1218107.5	117.5	%	0.31				0.26%
As 188.979†	8781.3	4.468	mg/L	0.0697	4.468	mg/L	0.0697	1.56%
Cd 226.502†	17300.2	0.1015	mg/L	0.00179	0.1015	mg/L	0.00179	1.76%
Cr 267.716†	111840.0	0.8413	mg/L	0.00438	0.8413	mg/L	0.00438	0.52%
Pb 220.353†	20231.6	1.737	mg/L	0.0216	1.737	mg/L	0.0216	1.24%
Se 196.026†	9410.7	4.092	mg/L	0.0600	4.092	mg/L	0.0600	1.47%
Ag 328.068†	174902.1	0.6373	mg/L	0.00435	0.6373	mg/L	0.00435	0.68%
Cu 327.393†	577821.5	4.017	mg/L	0.0267	4.017	mg/L	0.0267	0.67%
Ni 231.604†	85427.5	1.442	mg/L	0.0235	1.442	mg/L	0.0235	1.63%
Zn 206.200†	174943.8	3.390	mg/L	0.0195	3.390	mg/L	0.0195	0.58%
Sb 206.836†	12354.1	2.849	mg/L	0.0520	2.849	mg/L	0.0520	1.82%
Fe 273.955†	11864431.3	353.2	mg/L	0.58	353.2	mg/L	0.58	0.16%
Mg 279.077†	14141.6	162.3	mg/L	3.78	162.3	mg/L	3.78	2.33%
Mo 202.031†	68435.6	5.149	mg/L	0.0963	5.149	mg/L	0.0963	1.87%

Sequence No.: 10
Sample ID: 580-5372-A-3-E ps
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 4/6/2007 1:36:57 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:36 PM,

Mean Data: 580-5372-A-3-E ps

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	577170.2	101.0	%	0.74				0.73%

Sc 361.383	1175040.3	113.3 %	0.38				0.34%
As 188.979†	8538.6	4.344 mg/L	0.0436	4.344 mg/L	0.0436	1.00%
Cd 226.502†	16901.7	0.0992 mg/L	0.00083	0.0992 mg/L	0.00083	0.84%
Cr 267.716†	104001.5	0.7823 mg/L	0.00903	0.7823 mg/L	0.00903	1.15%
Pb 220.353†	18567.5	1.594 mg/L	0.0172	1.594 mg/L	0.0172	1.08%
Se 196.026†	9309.1	4.048 mg/L	0.0332	4.048 mg/L	0.0332	0.82%
Ag 328.068†	164384.1	0.5989 mg/L	0.00729	0.5989 mg/L	0.00729	1.22%
Cu 327.393†	335498.5	2.332 mg/L	0.0280	2.332 mg/L	0.0280	1.20%
Ni 231.604†	81276.9	1.372 mg/L	0.0125	1.372 mg/L	0.0125	0.91%
Zn 206.200†	146562.6	2.840 mg/L	0.0314	2.840 mg/L	0.0314	1.11%
Sb 206.836†	13140.1	3.031 mg/L	0.0305	3.031 mg/L	0.0305	1.01%
Fe 273.955†	12504489.5	372.3 mg/L	0.98	372.3 mg/L	0.98	0.26%
Mg 279.077†	12089.7	138.8 mg/L	2.43	138.8 mg/L	2.43	1.75%
Mo 202.031†	69685.0	5.243 mg/L	0.0375	5.243 mg/L	0.0375	0.72%

Sequence No.: 11
Sample ID: LCS 580-17358/20-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 4/6/2007 1:40:16 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:36 PM,

Mean Data: LCS 580-17358/20-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	587003.7	102.7	%	1.21				1.17%
Sc 361.383	1043965.0	100.7	%	1.07				1.07%
As 188.979†	7940.0	4.040	mg/L	0.0202	4.040	mg/L	0.0202	0.50%
Cd 226.502†	17363.7	0.1019	mg/L	0.00093	0.1019	mg/L	0.00093	0.92%
Cr 267.716†	54558.8	0.4104	mg/L	0.00032	0.4104	mg/L	0.00032	0.08%
Pb 220.353†	12123.7	1.041	mg/L	0.0145	1.041	mg/L	0.0145	1.39%
Se 196.026†	8906.5	3.873	mg/L	0.0434	3.873	mg/L	0.0434	1.12%
Ag 328.068†	167420.8	0.6100	mg/L	0.00188	0.6100	mg/L	0.00188	0.31%
Cu 327.393†	79572.5	0.5532	mg/L	0.00102	0.5532	mg/L	0.00102	0.19%
Ni 231.604†	63887.4	1.078	mg/L	0.0022	1.078	mg/L	0.0022	0.21%
Zn 206.200†	60249.5	1.168	mg/L	0.0048	1.168	mg/L	0.0048	0.41%
Sb 206.836†	12763.6	2.944	mg/L	0.0432	2.944	mg/L	0.0432	1.47%
Fe 273.955†	768717.8	22.88	mg/L	0.033	22.88	mg/L	0.033	0.15%
Mg 279.077†	1745.5	20.04	mg/L	0.139	20.04	mg/L	0.139	0.69%
Mo 202.031†	69006.4	5.192	mg/L	0.0074	5.192	mg/L	0.0074	0.14%

Sequence No.: 12
Sample ID: LCSD 580-17358/21-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 4/6/2007 1:44:23 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:36 PM,

Mean Data: LCSD 580-17358/21-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	582793.2	102.0	%	1.46				1.43%
Sc 361.383	1058498.7	102.1	%	1.52				1.49%
As 188.979†	8270.4	4.208	mg/L	0.0717	4.208	mg/L	0.0717	1.70%
Cd 226.502†	17847.4	0.1047	mg/L	0.00222	0.1047	mg/L	0.00222	2.12%
Cr 267.716†	55413.9	0.4168	mg/L	0.00033	0.4168	mg/L	0.00033	0.08%
Pb 220.353†	12468.3	1.070	mg/L	0.0173	1.070	mg/L	0.0173	1.62%
Se 196.026†	9240.5	4.019	mg/L	0.0699	4.019	mg/L	0.0699	1.74%
Ag 328.068†	167589.8	0.6106	mg/L	0.00048	0.6106	mg/L	0.00048	0.08%
Cu 327.393†	78030.5	0.5425	mg/L	0.00088	0.5425	mg/L	0.00088	0.16%
Ni 231.604†	64790.7	1.094	mg/L	0.0015	1.094	mg/L	0.0015	0.14%
Zn 206.200†	60080.5	1.164	mg/L	0.0005	1.164	mg/L	0.0005	0.04%
Sb 206.836†	13046.3	3.009	mg/L	0.0605	3.009	mg/L	0.0605	2.01%
Fe 273.955†	777177.2	23.14	mg/L	0.033	23.14	mg/L	0.033	0.14%
Mg 279.077†	1783.3	20.47	mg/L	0.323	20.47	mg/L	0.323	1.58%
Mo 202.031†	68695.0	5.168	mg/L	0.0149	5.168	mg/L	0.0149	0.29%

Sequence No.: 13

Autosampler Location: 5

005050

Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Date Collected: 4/6/2007 1:48:33 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:36 PM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	591837.3	103.5	%	1.19				1.15%
Sc 361.383	1079591.8	104.1	%	1.25				1.20%
As 188.979†	9854.8	5.014	mg/L	0.0863	5.014	mg/L	0.0863	1.72%
QC value within limits for As 188.979 Recovery = 100.28%								
Cd 226.502†	169938.4	0.9972	mg/L	0.00248	0.9972	mg/L	0.00248	0.25%
QC value within limits for Cd 226.502 Recovery = 99.72%								
Cr 267.716†	132988.6	1.000	mg/L	0.0003	1.000	mg/L	0.0003	0.03%
QC value within limits for Cr 267.716 Recovery = 100.04%								
Pb 220.353†	29499.4	2.532	mg/L	0.0350	2.532	mg/L	0.0350	1.38%
QC value within limits for Pb 220.353 Recovery = 101.30%								
Se 196.026†	11478.0	4.992	mg/L	0.0650	4.992	mg/L	0.0650	1.30%
QC value within limits for Se 196.026 Recovery = 99.83%								
Ag 328.068†	271999.0	0.9911	mg/L	0.00147	0.9911	mg/L	0.00147	0.15%
QC value within limits for Ag 328.068 Recovery = 99.11%								
Cu 327.393†	145143.3	1.009	mg/L	0.0011	1.009	mg/L	0.0011	0.11%
QC value within limits for Cu 327.393 Recovery = 100.91%								
Ni 231.604†	59372.7	1.002	mg/L	0.0151	1.002	mg/L	0.0151	1.51%
QC value within limits for Ni 231.604 Recovery = 100.22%								
Zn 206.200†	52920.1	1.026	mg/L	0.0158	1.026	mg/L	0.0158	1.54%
QC value within limits for Zn 206.200 Recovery = 102.55%								
Sb 206.836†	21853.0	5.040	mg/L	0.0704	5.040	mg/L	0.0704	1.40%
QC value within limits for Sb 206.836 Recovery = 100.81%								
Fe 273.955†	338810.0	10.09	mg/L	0.012	10.09	mg/L	0.012	0.11%
QC value within limits for Fe 273.955 Recovery = 100.86%								
Mg 279.077†	1689.8	19.40	mg/L	0.218	19.40	mg/L	0.218	1.12%
QC value within limits for Mg 279.077 Recovery = 96.99%								
Mo 202.031†	13387.1	1.007	mg/L	0.0177	1.007	mg/L	0.0177	1.76%
QC value within limits for Mo 202.031 Recovery = 100.72%								

All analytes passed QC.

Sequence No.: 14
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 4/6/2007 2:00:16 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:37 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	581534.0	101.7	%	0.37				0.37%
Sc 361.383	1046713.4	100.9	%	0.14				0.14%
As 188.979†	-3.1	-0.0016	mg/L	0.00075	-0.0016	mg/L	0.00075	47.74%
QC value within limits for As 188.979 Recovery = Not calculated								
Cd 226.502†	-23.0	-0.0001	mg/L	0.00004	-0.0001	mg/L	0.00004	27.26%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cr 267.716†	-9.5	-0.0001	mg/L	0.00010	-0.0001	mg/L	0.00010	140.81%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Pb 220.353†	-53.0	-0.0045	mg/L	0.00076	-0.0045	mg/L	0.00076	16.66%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Se 196.026†	-6.1	-0.0027	mg/L	0.00084	-0.0027	mg/L	0.00084	31.76%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068†	33.8	0.0001	mg/L	0.00021	0.0001	mg/L	0.00021	174.59%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Cu 327.393†	711.5	0.0049	mg/L	0.00083	0.0049	mg/L	0.00083	16.73%
QC value within limits for Cu 327.393 Recovery = Not calculated								
Ni 231.604†	0.6	0.0000	mg/L	0.00017	0.0000	mg/L	0.00017	>999.9%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Zn 206.200†	780.3	0.0151	mg/L	0.00017	0.0151	mg/L	0.00017	1.16%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Sb 206.836†	2.0	0.0005	mg/L	0.00156	0.0005	mg/L	0.00156	346.03%

QC value within limits for Sb 206.836 Recovery = Not calculated

Fe 273.955†	562.3	0.0167 mg/L	0.00036	0.0167 mg/L	0.00036	2.15%

QC value within limits for Fe 273.955 Recovery = Not calculated

Mg 279.077†	-11.6	-0.1334 mg/L	0.00501	-0.1334 mg/L	0.00501	3.75%

QC value within limits for Mg 279.077 Recovery = Not calculated

Mo 202.031†	6.7	0.0005 mg/L	0.00041	0.0005 mg/L	0.00041	80.37%

QC value within limits for Mo 202.031 Recovery = Not calculated

All analytes passed QC.

Sequence No.: 15
Sample ID: MB 580-17358/19-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 4/6/2007 2:04:19 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:37 PM,

Mean Data: MB 580-17358/19-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	677229.1	118.5	%	102.19				86.25%
Sc 361.383	644498.4	62.15	%	36.354				58.49%
As 188.979†	2.8	0.0014	mg/L	0.00573	0.0014	mg/L	0.00573	398.65%
Cd 226.502†	161.3	0.0009	mg/L	0.00274	0.0009	mg/L	0.00274	289.44%
Cr 267.716†	147.5	0.0011	mg/L	0.00265	0.0011	mg/L	0.00265	239.15%
Pb 220.353†	-22.1	-0.0019	mg/L	0.01247	-0.0019	mg/L	0.01247	656.26%
Se 196.026†	-7.9	-0.0034	mg/L	0.00400	-0.0034	mg/L	0.00400	116.12%
Ag 328.068†	-499.6	-0.0018	mg/L	0.00444	-0.0018	mg/L	0.00444	244.01%
Cu 327.393†	1206.7	0.0084	mg/L	0.00619	0.0084	mg/L	0.00619	73.79%
Ni 231.604†	-144.8	-0.0024	mg/L	0.00568	-0.0024	mg/L	0.00568	232.55%
Zn 206.200†	44.8	0.0009	mg/L	0.01996	0.0009	mg/L	0.01996	>999.9%
Sb 206.836†	-48.9	-0.0113	mg/L	0.02807	-0.0113	mg/L	0.02807	248.84%
Fe 273.955†	-2157.0	-0.0642	mg/L	0.07574	-0.0642	mg/L	0.07574	117.95%
Mg 279.077†	-12.6	-0.1450	mg/L	0.02699	-0.1450	mg/L	0.02699	18.61%
Mo 202.031†	20.1	0.0015	mg/L	0.00197	0.0015	mg/L	0.00197	130.53%

Sequence No.: 16
Sample ID: LCSSRM 580-17358/22-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 4/6/2007 2:08:24 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:37 PM,

Mean Data: LCSSRM 580-17358/22-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	604258.4	105.7	%	0.53				0.50%
Sc 361.383	1267677.3	122.2	%	1.70				1.39%
As 188.979†	3573.3	1.818	mg/L	0.0026	1.818	mg/L	0.0026	0.14%
Cd 226.502†	143374.0	0.8413	mg/L	0.00800	0.8413	mg/L	0.00800	0.95%
Cr 267.716†	152898.4	1.150	mg/L	0.0103	1.150	mg/L	0.0103	0.90%
Pb 220.353†	13809.7	1.186	mg/L	0.0075	1.186	mg/L	0.0075	0.63%
Se 196.026†	3649.5	1.587	mg/L	0.0184	1.587	mg/L	0.0184	1.16%
Ag 328.068†	634435.1	2.312	mg/L	0.0203	2.312	mg/L	0.0203	0.88%
Cu 327.393†	131870.2	0.9168	mg/L	0.00705	0.9168	mg/L	0.00705	0.77%
Ni 231.604†	54544.2	0.9207	mg/L	0.00739	0.9207	mg/L	0.00739	0.80%
Zn 206.200†	208709.7	4.045	mg/L	0.0242	4.045	mg/L	0.0242	0.60%
Sb 206.836†	11034.3	2.545	mg/L	0.0196	2.545	mg/L	0.0196	0.77%
Fe 273.955†	5224173.1	155.5	mg/L	0.12	155.5	mg/L	0.12	0.07%
Mg 279.077†	2575.0	29.56	mg/L	0.689	29.56	mg/L	0.689	2.33%
Mo 202.031†	7173.7	0.5397	mg/L	0.00414	0.5397	mg/L	0.00414	0.77%

Sequence No.: 17
Sample ID: 580-5385-B-12-F
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 4/6/2007 2:11:42 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:37 PM,

Mean Data: 580-5385-B-12-F

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	589129.2	103.1	%	0.21				0.21%
Sc 361.383	1262814.0	121.8	%	1.85				1.52%
As 188.979†	291.6	0.1484	mg/L	0.00389	0.1484	mg/L	0.00389	2.62%
Cd 226.502†	702.4	0.0041	mg/L	0.00015	0.0041	mg/L	0.00015	3.68%
Cr 267.716†	51411.3	0.3867	mg/L	0.00389	0.3867	mg/L	0.00389	1.01%
Pb 220.353†	6816.9	0.5852	mg/L	0.00517	0.5852	mg/L	0.00517	0.88%
Se 196.026†	42.5	0.0185	mg/L	0.01290	0.0185	mg/L	0.01290	69.88%
Ag 328.068†	302.8	0.0011	mg/L	0.00039	0.0011	mg/L	0.00039	35.68%
Cu 327.393†	210979.5	1.467	mg/L	0.0237	1.467	mg/L	0.0237	1.61%
Ni 231.604†	20251.7	0.3418	mg/L	0.00487	0.3418	mg/L	0.00487	1.43%
Zn 206.200†	71686.7	1.389	mg/L	0.0208	1.389	mg/L	0.0208	1.50%
Sb 206.836†	81.2	0.0187	mg/L	0.00464	0.0187	mg/L	0.00464	24.78%
Fe 273.955†	10668837.4	317.6	mg/L	0.72	317.6	mg/L	0.72	0.23%
Mg 279.077†	11959.0	137.3	mg/L	1.20	137.3	mg/L	1.20	0.87%
Mo 202.031†	3143.1	0.2365	mg/L	0.00325	0.2365	mg/L	0.00325	1.37%

Sequence No.: 18
Sample ID: 580-5407-A-5-G
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 4/6/2007 2:15:01 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:38 PM,

Mean Data: 580-5407-A-5-G

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	594060.5	103.9	%	0.86				0.82%
Sc 361.383	1292204.0	124.6	%	0.33				0.27%
As 188.979†	398.1	0.2026	mg/L	0.00981	0.2026	mg/L	0.00981	4.84%
Cd 226.502†	709.6	0.0042	mg/L	0.00042	0.0042	mg/L	0.00042	10.05%
Cr 267.716†	68709.5	0.5169	mg/L	0.00315	0.5169	mg/L	0.00315	0.61%
Pb 220.353†	8218.2	0.7055	mg/L	0.01405	0.7055	mg/L	0.01405	1.99%
Se 196.026†	126.4	0.0550	mg/L	0.00879	0.0550	mg/L	0.00879	16.00%
Ag 328.068†	204.4	0.0007	mg/L	0.00017	0.0007	mg/L	0.00017	22.20%
Cu 327.393†	262947.7	1.828	mg/L	0.0121	1.828	mg/L	0.0121	0.66%
Ni 231.604†	25983.1	0.4386	mg/L	0.00956	0.4386	mg/L	0.00956	2.18%
Zn 206.200†	89840.9	1.741	mg/L	0.0115	1.741	mg/L	0.0115	0.66%
Sb 206.836†	130.0	0.0300	mg/L	0.00973	0.0300	mg/L	0.00973	32.44%
Fe 273.955†	14030182.4	417.7	mg/L	1.69	417.7	mg/L	1.69	0.41%
Mg 279.077†	15965.1	183.3	mg/L	3.67	183.3	mg/L	3.67	2.00%
Mo 202.031†	3728.7	0.2805	mg/L	0.00436	0.2805	mg/L	0.00436	1.55%

Sequence No.: 19
Sample ID: 580-5407-A-6-I
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 27
Date Collected: 4/6/2007 2:18:20 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:39 PM,

Mean Data: 580-5407-A-6-I

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	591252.7	103.4	%	0.32				0.31%
Sc 361.383	1304569.7	125.8	%	1.68				1.33%
As 188.979†	362.6	0.1845	mg/L	0.02781	0.1845	mg/L	0.02781	15.08%
Cd 226.502†	523.6	0.0031	mg/L	0.00037	0.0031	mg/L	0.00037	11.90%
Cr 267.716†	81452.2	0.6127	mg/L	0.00947	0.6127	mg/L	0.00947	1.55%
Pb 220.353†	7103.7	0.6098	mg/L	0.00444	0.6098	mg/L	0.00444	0.73%
Se 196.026†	111.6	0.0486	mg/L	0.01515	0.0486	mg/L	0.01515	31.21%
Ag 328.068†	-22.6	-0.0001	mg/L	0.00041	-0.0001	mg/L	0.00041	502.39%
Cu 327.393†	275728.6	1.917	mg/L	0.0326	1.917	mg/L	0.0326	1.70%
Ni 231.604†	40793.7	0.6886	mg/L	0.01059	0.6886	mg/L	0.01059	1.54%
Zn 206.200†	78632.0	1.524	mg/L	0.0233	1.524	mg/L	0.0233	1.53%
Sb 206.836†	130.2	0.0300	mg/L	0.00460	0.0300	mg/L	0.00460	15.32%
Fe 273.955†	14118597.8	420.3	mg/L	0.58	420.3	mg/L	0.58	0.14%
Mg 279.077†	17324.6	198.9	mg/L	3.43	198.9	mg/L	3.43	1.73%

005053

Mo 202.031†	4649.0	0.3498 mg/L	0.00211	0.3498 mg/L	0.00211	0.60%

Sequence No.: 20
Sample ID: 580-5404-A-13-G
Analyst:
Sample Wt: 1.5
Dilution:

Autosampler Location: 28
Date Collected: 4/6/2007 2:21:38 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:40 PM,

Mean Data: 580-5404-A-13-G

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	587758.4	102.8	%	0.60				0.58%
Sc 361.383	1255104.7	121.0	%	0.97				0.80%
As 188.979†	421.9	0.2147	mg/L	0.00892	0.2147	mg/L	0.00892	4.15%
Cd 226.502†	561.7	0.0033	mg/L	0.00024	0.0033	mg/L	0.00024	7.42%
Cr 267.716†	54744.7	0.4118	mg/L	0.00538	0.4118	mg/L	0.00538	1.31%
Pb 220.353†	6722.6	0.5771	mg/L	0.00383	0.5771	mg/L	0.00383	0.66%
Se 196.026†	107.1	0.0466	mg/L	0.01293	0.0466	mg/L	0.01293	27.77%
Ag 328.068†	483.1	0.0018	mg/L	0.00035	0.0018	mg/L	0.00035	19.73%
Cu 327.393†	291780.7	2.029	mg/L	0.0320	2.029	mg/L	0.0320	1.58%
Ni 231.604†	22533.5	0.3803	mg/L	0.00231	0.3803	mg/L	0.00231	0.61%
Zn 206.200†	73826.5	1.431	mg/L	0.0192	1.431	mg/L	0.0192	1.34%
Sb 206.836†	77.6	0.0179	mg/L	0.00500	0.0179	mg/L	0.00500	27.93%
Fe 273.955†	12960160.5	385.8	mg/L	0.33	385.8	mg/L	0.33	0.08%
Mg 279.077†	14580.3	167.4	mg/L	2.61	167.4	mg/L	2.61	1.56%
Mo 202.031†	5974.5	0.4495	mg/L	0.00321	0.4495	mg/L	0.00321	0.71%

Sequence No.: 21
Sample ID: 580-5404-A-14-N
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 29
Date Collected: 4/6/2007 2:24:56 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:40 PM,

Mean Data: 580-5404-A-14-N

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	579092.4	101.3	%	1.00				0.98%
Sc 361.383	1246078.3	120.2	%	0.85				0.70%
As 188.979†	412.8	0.2100	mg/L	0.00645	0.2100	mg/L	0.00645	3.07%
Cd 226.502†	504.5	0.0030	mg/L	0.00044	0.0030	mg/L	0.00044	15.03%
Cr 267.716†	64511.5	0.4853	mg/L	0.00277	0.4853	mg/L	0.00277	0.57%
Pb 220.353†	6157.4	0.5286	mg/L	0.00523	0.5286	mg/L	0.00523	0.99%
Se 196.026†	105.1	0.0457	mg/L	0.01365	0.0457	mg/L	0.01365	29.87%
Ag 328.068†	452.3	0.0016	mg/L	0.00036	0.0016	mg/L	0.00036	22.11%
Cu 327.393†	257442.6	1.790	mg/L	0.0078	1.790	mg/L	0.0078	0.43%
Ni 231.604†	28897.3	0.4878	mg/L	0.00311	0.4878	mg/L	0.00311	0.64%
Zn 206.200†	66836.5	1.295	mg/L	0.0081	1.295	mg/L	0.0081	0.63%
Sb 206.836†	83.8	0.0193	mg/L	0.01308	0.0193	mg/L	0.01308	67.62%
Fe 273.955†	12739956.7	379.3	mg/L	0.85	379.3	mg/L	0.85	0.22%
Mg 279.077†	15637.0	179.5	mg/L	1.92	179.5	mg/L	1.92	1.07%
Mo 202.031†	7019.5	0.5281	mg/L	0.00748	0.5281	mg/L	0.00748	1.42%

Sequence No.: 22
Sample ID: 580-5453-C-9-N
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 4/6/2007 2:28:13 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:41 PM,

Mean Data: 580-5453-C-9-N

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	604285.8	105.7	%	0.93				0.88%
Sc 361.383	1219252.7	117.6	%	2.57				2.18%
As 188.979†	42.1	0.0214	mg/L	0.00188	0.0214	mg/L	0.00188	8.76%
Cd 226.502†	702.1	0.0041	mg/L	0.00020	0.0041	mg/L	0.00020	4.80%

Cr 267.716†	30265.2	0.2277 mg/L	0.00213	0.2277 mg/L	0.00213	0.94%
Pb 220.353†	1346.2	0.1156 mg/L	0.00225	0.1156 mg/L	0.00225	1.94%
Se 196.026†	38.1	0.0166 mg/L	0.00226	0.0166 mg/L	0.00226	13.63%
Ag 328.068†	-1578.3	-0.0058 mg/L	0.00071	-0.0058 mg/L	0.00071	12.30%
Cu 327.393†	38333.3	0.2665 mg/L	0.00376	0.2665 mg/L	0.00376	1.41%
Ni 231.604†	12150.2	0.2051 mg/L	0.00296	0.2051 mg/L	0.00296	1.44%
Zn 206.200†	66369.8	1.286 mg/L	0.0150	1.286 mg/L	0.0150	1.16%
Sb 206.836†	73.6	0.0170 mg/L	0.00038	0.0170 mg/L	0.00038	2.26%
Fe 273.955†	8591406.2	255.8 mg/L	0.45	255.8 mg/L	0.45	0.18%
Mg 279.077†	4207.8	48.30 mg/L	0.534	48.30 mg/L	0.534	1.10%
Mo 202.031†	108.5	0.0082 mg/L	0.00228	0.0082 mg/L	0.00228	27.86%

Sequence No.: 23
Sample ID: 580-5456-A-1-D
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 4/6/2007 2:32:25 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:41 PM,

Mean Data: 580-5456-A-1-D

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	588266.4	102.9	%	1.38				1.34%
Sc 361.383	1039188.7	100.2	%	0.97				0.96%
As 188.979†	22.8	0.0116	mg/L	0.00140	0.0116	mg/L	0.00140	12.05%
Cd 226.502†	1555.0	0.0091	mg/L	0.00018	0.0091	mg/L	0.00018	1.93%
Cr 267.716†	12712.8	0.0956	mg/L	0.00118	0.0956	mg/L	0.00118	1.24%
Pb 220.353†	3355.7	0.2881	mg/L	0.00358	0.2881	mg/L	0.00358	1.24%
Se 196.026†	94.6	0.0411	mg/L	0.00133	0.0411	mg/L	0.00133	3.23%
Ag 328.068†	9202.4	0.0335	mg/L	0.00095	0.0335	mg/L	0.00095	2.82%
Cu 327.393†	269725.8	1.875	mg/L	0.0263	1.875	mg/L	0.0263	1.40%
Ni 231.604†	5153.2	0.0870	mg/L	0.00138	0.0870	mg/L	0.00138	1.59%
Zn 206.200†	247360.0	4.794	mg/L	0.0762	4.794	mg/L	0.0762	1.59%
Sb 206.836†	39.8	0.0092	mg/L	0.00151	0.0092	mg/L	0.00151	16.41%
Fe 273.955†	6462861.5	192.4	mg/L	1.10	192.4	mg/L	1.10	0.57%
Mg 279.077†	2990.2	34.33	mg/L	0.550	34.33	mg/L	0.550	1.60%
Mo 202.031†	434.5	0.0327	mg/L	0.00068	0.0327	mg/L	0.00068	2.07%

Sequence No.: 24
Sample ID: MB 580-17358/19-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 4/6/2007 2:36:38 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:41 PM,

Mean Data: MB 580-17358/19-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	584922.7	102.3	%	0.83				0.81%
Sc 361.383	1043644.1	100.6	%	0.94				0.94%
As 188.979†	-2.1	-0.0011	mg/L	0.00156	-0.0011	mg/L	0.00156	146.77%
Cd 226.502†	-23.3	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	16.53%
Cr 267.716†	-23.8	-0.0002	mg/L	0.00008	-0.0002	mg/L	0.00008	42.19%
Pb 220.353†	-56.1	-0.0048	mg/L	0.00059	-0.0048	mg/L	0.00059	12.24%
Se 196.026†	-5.0	-0.0022	mg/L	0.00226	-0.0022	mg/L	0.00226	104.01%
Ag 328.068†	121.6	0.0004	mg/L	0.00041	0.0004	mg/L	0.00041	91.83%
Cu 327.393†	2741.3	0.0191	mg/L	0.00080	0.0191	mg/L	0.00080	4.19%
Ni 231.604†	41.4	0.0007	mg/L	0.00007	0.0007	mg/L	0.00007	10.00%
Zn 206.200†	2266.4	0.0439	mg/L	0.00199	0.0439	mg/L	0.00199	4.52%
Sb 206.836†	-6.8	-0.0016	mg/L	0.00201	-0.0016	mg/L	0.00201	128.62%
Fe 273.955†	1927.6	0.0574	mg/L	0.00715	0.0574	mg/L	0.00715	12.46%
Mg 279.077†	-7.5	-0.0857	mg/L	0.02841	-0.0857	mg/L	0.02841	33.16%
Mo 202.031†	0.4	0.0000	mg/L	0.00020	0.0000	mg/L	0.00020	746.34%

Sequence No.: 25
Sample ID: CCV
Analyst:
Sample Wt:

Autosampler Location: 5
Date Collected: 4/6/2007 2:40:41 PM

Sample Prep Volume:

Dilution: Data Type: Reprocessed on 4/6/2007 4:42:42 PM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	595746.0	104.2	%	1.05				1.01%
Sc 361.383	1088551.1	105.0	%	1.11				1.05%
As 188.979†	9683.6	4.927	mg/L	0.0494	4.927	mg/L	0.0494	1.00%
QC value within limits for As 188.979 Recovery = 98.54%								
Cd 226.502†	166739.8	0.9785	mg/L	0.00113	0.9785	mg/L	0.00113	0.12%
QC value within limits for Cd 226.502 Recovery = 97.85%								
Cr 267.716†	130883.3	0.9846	mg/L	0.00182	0.9846	mg/L	0.00182	0.19%
QC value within limits for Cr 267.716 Recovery = 98.46%								
Pb 220.353†	28843.1	2.476	mg/L	0.0221	2.476	mg/L	0.0221	0.89%
QC value within limits for Pb 220.353 Recovery = 99.04%								
Se 196.026†	11226.9	4.882	mg/L	0.0832	4.882	mg/L	0.0832	1.70%
QC value within limits for Se 196.026 Recovery = 97.65%								
Ag 328.068†	267328.6	0.9740	mg/L	0.00126	0.9740	mg/L	0.00126	0.13%
QC value within limits for Ag 328.068 Recovery = 97.40%								
Cu 327.393†	141204.3	0.9817	mg/L	0.00287	0.9817	mg/L	0.00287	0.29%
QC value within limits for Cu 327.393 Recovery = 98.17%								
Ni 231.604†	58502.7	0.9875	mg/L	0.01176	0.9875	mg/L	0.01176	1.19%
QC value within limits for Ni 231.604 Recovery = 98.75%								
Zn 206.200†	51327.7	0.9947	mg/L	0.01151	0.9947	mg/L	0.01151	1.16%
QC value within limits for Zn 206.200 Recovery = 99.47%								
Sb 206.836†	21426.0	4.942	mg/L	0.0629	4.942	mg/L	0.0629	1.27%
QC value within limits for Sb 206.836 Recovery = 98.84%								
Fe 273.955†	334261.1	9.951	mg/L	0.0126	9.951	mg/L	0.0126	0.13%
QC value within limits for Fe 273.955 Recovery = 99.51%								
Mg 279.077†	1644.0	18.87	mg/L	0.262	18.87	mg/L	0.262	1.39%
QC value within limits for Mg 279.077 Recovery = 94.36%								
Mo 202.031†	13141.9	0.9888	mg/L	0.01292	0.9888	mg/L	0.01292	1.31%
QC value within limits for Mo 202.031 Recovery = 98.88%								

All analytes passed QC.

Sequence No.: 26
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 4/6/2007 2:44:50 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:42 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	582387.3	101.9	%	0.76				0.75%
Sc 361.383	1047371.8	101.0	%	0.70				0.69%
As 188.979†	-2.6	-0.0013	mg/L	0.00271	-0.0013	mg/L	0.00271	208.42%
QC value within limits for As 188.979 Recovery = Not calculated								
Cd 226.502†	-13.5	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	63.88%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cr 267.716†	-10.4	-0.0001	mg/L	0.00012	-0.0001	mg/L	0.00012	147.49%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Pb 220.353†	-9.0	-0.0008	mg/L	0.00155	-0.0008	mg/L	0.00155	201.39%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Se 196.026†	-6.8	-0.0030	mg/L	0.00077	-0.0030	mg/L	0.00077	25.94%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068†	21.3	0.0001	mg/L	0.00033	0.0001	mg/L	0.00033	423.29%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Cu 327.393†	1031.6	0.0072	mg/L	0.00082	0.0072	mg/L	0.00082	11.36%
QC value within limits for Cu 327.393 Recovery = Not calculated								
Ni 231.604†	-1.6	0.0000	mg/L	0.00016	0.0000	mg/L	0.00016	567.85%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Zn 206.200†	1024.3	0.0199	mg/L	0.00081	0.0199	mg/L	0.00081	4.06%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Sb 206.836†	4.6	0.0010	mg/L	0.00182	0.0010	mg/L	0.00182	173.49%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Fe 273.955†	1356.4	0.0404	mg/L	0.00138	0.0404	mg/L	0.00138	3.43%
QC value within limits for Fe 273.955 Recovery = Not calculated								

Mg 279.077†	-9.5	-0.1091 mg/L	0.02576	-0.1091 mg/L	0.02576	23.61%
QC value within limits for Mg 279.077 Recovery = Not calculated						
Mo 202.031†	4.0	0.0003 mg/L	0.00014	0.0003 mg/L	0.00014	47.45%
QC value within limits for Mo 202.031 Recovery = Not calculated						

All analytes passed QC.

Sequence No.: 27
Sample ID: 400-20367-B-1-D
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 4/6/2007 2:48:52 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:42 PM,

Mean Data: 400-20367-B-1-D

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	593274.3	103.8	%	0.75				0.73%
Sc 361.383	1334019.8	128.6	%	4.83				3.75%
As 188.979†	31.9	0.0162	mg/L	0.00143	0.0162	mg/L	0.00143	8.78%
Cd 226.502†	-162.8	-0.0010	mg/L	0.00019	-0.0010	mg/L	0.00019	20.00%
Cr 267.716†	75399.3	0.5672	mg/L	0.00837	0.5672	mg/L	0.00837	1.48%
Pb 220.353†	541.7	0.0465	mg/L	0.00064	0.0465	mg/L	0.00064	1.38%
Se 196.026†	38.6	0.0168	mg/L	0.00080	0.0168	mg/L	0.00080	4.75%
Ag 328.068†	-1633.4	-0.0060	mg/L	0.00047	-0.0060	mg/L	0.00047	7.83%
Cu 327.393†	48187.1	0.3350	mg/L	0.00590	0.3350	mg/L	0.00590	1.76%
Ni 231.604†	36006.3	0.6078	mg/L	0.01011	0.6078	mg/L	0.01011	1.66%
Zn 206.200†	34290.8	0.6645	mg/L	0.01363	0.6645	mg/L	0.01363	2.05%
Sb 206.836†	76.2	0.0176	mg/L	0.00113	0.0176	mg/L	0.00113	6.43%
Fe 273.955†	9044688.5	269.3	mg/L	0.39	269.3	mg/L	0.39	0.15%
Mg 279.077†	9073.5	104.2	mg/L	1.77	104.2	mg/L	1.77	1.70%
Mo 202.031†	113.2	0.0085	mg/L	0.00177	0.0085	mg/L	0.00177	20.79%

Sequence No.: 28
Sample ID: 400-20367-B-2-D
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 4/6/2007 2:53:06 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:44 PM,

Mean Data: 400-20367-B-2-D

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	595263.6	104.1	%	0.60				0.57%
Sc 361.383	1228627.8	118.5	%	0.97				0.82%
As 188.979†	49.9	0.0254	mg/L	0.00194	0.0254	mg/L	0.00194	7.64%
Cd 226.502†	-315.9	-0.0019	mg/L	0.00028	-0.0019	mg/L	0.00028	15.35%
Cr 267.716†	54690.2	0.4114	mg/L	0.00259	0.4114	mg/L	0.00259	0.63%
Pb 220.353†	370.1	0.0318	mg/L	0.00080	0.0318	mg/L	0.00080	2.52%
Se 196.026†	41.9	0.0182	mg/L	0.00245	0.0182	mg/L	0.00245	13.45%
Ag 328.068†	-1146.1	-0.0042	mg/L	0.00046	-0.0042	mg/L	0.00046	10.90%
Cu 327.393†	35798.7	0.2489	mg/L	0.00155	0.2489	mg/L	0.00155	0.62%
Ni 231.604†	20133.7	0.3398	mg/L	0.00221	0.3398	mg/L	0.00221	0.65%
Zn 206.200†	22139.4	0.4290	mg/L	0.00236	0.4290	mg/L	0.00236	0.55%
Sb 206.836†	56.9	0.0131	mg/L	0.00118	0.0131	mg/L	0.00118	8.99%
Fe 273.955†	8348670.7	248.5	mg/L	0.45	248.5	mg/L	0.45	0.18%
Mg 279.077†	4827.6	55.42	mg/L	0.989	55.42	mg/L	0.989	1.78%
Mo 202.031†	64.0	0.0048	mg/L	0.00160	0.0048	mg/L	0.00160	33.35%

Sequence No.: 29
Sample ID: 400-20367-B-3-D
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 4/6/2007 2:57:17 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:45 PM,

Mean Data: 400-20367-B-3-D

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Lu 261.542	585436.6	102.4 %	1.04			1.01%
Sc 361.383	1278656.6	123.3 %	0.50			0.41%
As 188.979†	62.9	0.0320 mg/L	0.00941	0.0320 mg/L	0.00941	29.38%
Cd 226.502†	-211.2	-0.0012 mg/L	0.00020	-0.0012 mg/L	0.00020	16.23%
Cr 267.716†	62851.2	0.4728 mg/L	0.00505	0.4728 mg/L	0.00505	1.07%
Pb 220.353†	852.7	0.0732 mg/L	0.00563	0.0732 mg/L	0.00563	7.69%
Se 196.026†	48.6	0.0211 mg/L	0.01551	0.0211 mg/L	0.01551	73.42%
Ag 328.068†	-1628.3	-0.0059 mg/L	0.00037	-0.0059 mg/L	0.00037	6.27%
Cu 327.393†	41710.4	0.2900 mg/L	0.00350	0.2900 mg/L	0.00350	1.21%
Ni 231.604†	32260.4	0.5445 mg/L	0.01302	0.5445 mg/L	0.01302	2.39%
Zn 206.200†	30019.6	0.5817 mg/L	0.01547	0.5817 mg/L	0.01547	2.66%
Sb 206.836†	65.2	0.0150 mg/L	0.00370	0.0150 mg/L	0.00370	24.61%
Fe 273.955†	10136445.2	301.8 mg/L	0.61	301.8 mg/L	0.61	0.20%
Mg 279.077†	6321.8	72.57 mg/L	1.499	72.57 mg/L	1.499	2.07%
Mo 202.031†	99.4	0.0075 mg/L	0.00285	0.0075 mg/L	0.00285	38.04%

Sequence No.: 30
Sample ID: 400-20367-B-4-G
Analyst: FB
Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 4/6/2007 3:00:34 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:46 PM,

Mean Data: 400-20367-B-4-G

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	580168.4	101.5	%	1.62				1.59%
Sc 361.383	1220966.6	117.7	%	1.02				0.86%
As 188.979†	42.5	0.0216	mg/L	0.00283	0.0216	mg/L	0.00283	13.08%
Cd 226.502†	-191.9	-0.0011	mg/L	0.00007	-0.0011	mg/L	0.00007	6.63%
Cr 267.716†	49950.9	0.3757	mg/L	0.00880	0.3757	mg/L	0.00880	2.34%
Pb 220.353†	563.8	0.0484	mg/L	0.00093	0.0484	mg/L	0.00093	1.93%
Se 196.026†	36.6	0.0159	mg/L	0.00124	0.0159	mg/L	0.00124	7.77%
Ag 328.068†	-1373.5	-0.0050	mg/L	0.00038	-0.0050	mg/L	0.00038	7.62%
Cu 327.393†	29961.2	0.2083	mg/L	0.00551	0.2083	mg/L	0.00551	2.65%
Ni 231.604†	23312.3	0.3935	mg/L	0.01103	0.3935	mg/L	0.01103	2.80%
Zn 206.200†	23425.6	0.4540	mg/L	0.01033	0.4540	mg/L	0.01033	2.28%
Sb 206.836†	46.3	0.0107	mg/L	0.00172	0.0107	mg/L	0.00172	16.08%
Fe 273.955†	8291295.2	246.8	mg/L	1.28	246.8	mg/L	1.28	0.52%
Mg 279.077†	5622.9	64.55	mg/L	0.547	64.55	mg/L	0.547	0.85%
Mo 202.031†	183.6	0.0138	mg/L	0.00147	0.0138	mg/L	0.00147	10.65%

Sequence No.: 31
Sample ID: 400-20367-B-5-F
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 4/6/2007 3:04:47 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:46 PM,

Mean Data: 400-20367-B-5-F

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	600549.9	105.1	%	0.69				0.66%
Sc 361.383	1298801.9	125.2	%	0.39				0.31%
As 188.979†	261.8	0.1332	mg/L	0.00414	0.1332	mg/L	0.00414	3.11%
Cd 226.502†	8433.1	0.0495	mg/L	0.00066	0.0495	mg/L	0.00066	1.34%
Cr 267.716†	81470.3	0.6128	mg/L	0.00768	0.6128	mg/L	0.00768	1.25%
Pb 220.353†	25493.5	2.189	mg/L	0.0190	2.189	mg/L	0.0190	0.87%
Se 196.026†	94.3	0.0410	mg/L	0.00702	0.0410	mg/L	0.00702	17.11%
Ag 328.068†	-1641.8	-0.0060	mg/L	0.00027	-0.0060	mg/L	0.00027	4.43%
Cu 327.393†	112290.8	0.7807	mg/L	0.01155	0.7807	mg/L	0.01155	1.48%
Ni 231.604†	36569.1	0.6172	mg/L	0.00702	0.6172	mg/L	0.00702	1.14%
Zn 206.200†	137670.8	2.668	mg/L	0.0302	2.668	mg/L	0.0302	1.13%
Sb 206.836†	210.2	0.0485	mg/L	0.00725	0.0485	mg/L	0.00725	14.95%
Fe 273.955†	12259653.2	365.0	mg/L	0.66	365.0	mg/L	0.66	0.18%
Mg 279.077†	7186.0	82.49	mg/L	1.246	82.49	mg/L	1.246	1.51%
Mo 202.031†	123.1	0.0093	mg/L	0.00090	0.0093	mg/L	0.00090	9.68%

Sequence No.: 32
Sample ID: MB 580-17358/19-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 4/6/2007 3:08:07 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:46 PM,

Mean Data: MB 580-17358/19-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	587407.1	102.8	%	1.25				1.22%
Sc 361.383	1031214.3	99.44	%	1.184				1.19%
As 188.979†	-0.6	-0.0003	mg/L	0.00033	-0.0003	mg/L	0.00033	103.62%
Cd 226.502†	-24.1	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	20.12%
Cr 267.716†	-28.0	-0.0002	mg/L	0.00003	-0.0002	mg/L	0.00003	13.49%
Pb 220.353†	-54.8	-0.0047	mg/L	0.00030	-0.0047	mg/L	0.00030	6.45%
Se 196.026†	-10.5	-0.0046	mg/L	0.00199	-0.0046	mg/L	0.00199	43.35%
Ag 328.068†	32.2	0.0001	mg/L	0.00046	0.0001	mg/L	0.00046	393.32%
Cu 327.393†	301.4	0.0021	mg/L	0.00068	0.0021	mg/L	0.00068	32.33%
Ni 231.604†	-21.3	-0.0004	mg/L	0.00025	-0.0004	mg/L	0.00025	70.74%
Zn 206.200†	896.5	0.0174	mg/L	0.00083	0.0174	mg/L	0.00083	4.76%
Sb 206.836†	-3.6	-0.0008	mg/L	0.00073	-0.0008	mg/L	0.00073	88.40%
Fe 273.955†	1690.6	0.0503	mg/L	0.00490	0.0503	mg/L	0.00490	9.74%
Mg 279.077†	-10.8	-0.1236	mg/L	0.02090	-0.1236	mg/L	0.02090	16.91%
Mo 202.031†	0.5	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	248.06%

Sequence No.: 33
Sample ID: LCS 580-17358/20-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 4/6/2007 3:12:11 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:46 PM,

Mean Data: LCS 580-17358/20-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	599767.1	104.9	%	0.91				0.87%
Sc 361.383	1078808.3	104.0	%	0.88				0.84%
As 188.979†	7697.0	3.916	mg/L	0.1019	3.916	mg/L	0.1019	2.60%
Cd 226.502†	16635.6	0.0976	mg/L	0.00202	0.0976	mg/L	0.00202	2.07%
Cr 267.716†	52584.7	0.3956	mg/L	0.00066	0.3956	mg/L	0.00066	0.17%
Pb 220.353†	11498.3	0.9871	mg/L	0.01929	0.9871	mg/L	0.01929	1.95%
Se 196.026†	8604.2	3.742	mg/L	0.0822	3.742	mg/L	0.0822	2.20%
Ag 328.068†	161648.5	0.5890	mg/L	0.00154	0.5890	mg/L	0.00154	0.26%
Cu 327.393†	71067.5	0.4941	mg/L	0.00137	0.4941	mg/L	0.00137	0.28%
Ni 231.604†	61614.5	1.040	mg/L	0.0023	1.040	mg/L	0.0023	0.22%
Zn 206.200†	55743.8	1.080	mg/L	0.0007	1.080	mg/L	0.0007	0.06%
Sb 206.836†	12297.2	2.836	mg/L	0.0540	2.836	mg/L	0.0540	1.90%
Fe 273.955†	744263.5	22.16	mg/L	0.038	22.16	mg/L	0.038	0.17%
Mg 279.077†	1660.0	19.06	mg/L	0.156	19.06	mg/L	0.156	0.82%
Mo 202.031†	66585.9	5.010	mg/L	0.0117	5.010	mg/L	0.0117	0.23%

Sequence No.: 34
Sample ID: LCSD 580-17358/21-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 4/6/2007 3:16:19 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:46 PM,

Mean Data: LCSD 580-17358/21-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Lu 261.542	600002.6	105.0	%	0.72				0.68%
Sc 361.383	1091454.2	105.2	%	0.81				0.77%
As 188.979†	7977.6	4.059	mg/L	0.1058	4.059	mg/L	0.1058	2.61%
Cd 226.502†	17294.1	0.1015	mg/L	0.00299	0.1015	mg/L	0.00299	2.94%
Cr 267.716†	53582.3	0.4031	mg/L	0.00168	0.4031	mg/L	0.00168	0.42%
Pb 220.353†	12056.2	1.035	mg/L	0.0222	1.035	mg/L	0.0222	2.15%
Se 196.026†	8976.7	3.904	mg/L	0.1104	3.904	mg/L	0.1104	2.83%

Ag 328.068†	162256.1	0.5912 mg/L	0.00148	0.5912 mg/L	0.00148	0.25%
Cu 327.393†	72390.1	0.5033 mg/L	0.00240	0.5033 mg/L	0.00240	0.48%
Ni 231.604†	62869.5	1.061 mg/L	0.0041	1.061 mg/L	0.0041	0.39%
Zn 206.200†	56471.1	1.094 mg/L	0.0022	1.094 mg/L	0.0022	0.21%
Sb 206.836†	12650.5	2.918 mg/L	0.0741	2.918 mg/L	0.0741	2.54%
Fe 273.955†	752700.2	22.41 mg/L	0.043	22.41 mg/L	0.043	0.19%
Mg 279.077†	1671.1	19.18 mg/L	0.129	19.18 mg/L	0.129	0.67%
Mo 202.031†	66417.0	4.997 mg/L	0.0196	4.997 mg/L	0.0196	0.39%

Sequence No.: 35
Sample ID: LCSSRM 580-17358/22-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 4/6/2007 3:20:27 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:47 PM,

Mean Data: LCSSRM 580-17358/22-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	615511.4	107.7	%	1.41				1.31%
Sc 361.383	1244541.7	120.0	%	0.65				0.54%
As 188.979†	3513.5	1.788	mg/L	0.0343	1.788	mg/L	0.0343	1.92%
Cd 226.502†	140189.3	0.8227	mg/L	0.01874	0.8227	mg/L	0.01874	2.28%
Cr 267.716†	148927.7	1.120	mg/L	0.0264	1.120	mg/L	0.0264	2.36%
Pb 220.353†	13631.1	1.170	mg/L	0.0162	1.170	mg/L	0.0162	1.38%
Se 196.026†	3563.4	1.550	mg/L	0.0117	1.550	mg/L	0.0117	0.76%
Ag 328.068†	617377.5	2.249	mg/L	0.0539	2.249	mg/L	0.0539	2.40%
Cu 327.393†	128162.0	0.8910	mg/L	0.02251	0.8910	mg/L	0.02251	2.53%
Ni 231.604†	53184.0	0.8977	mg/L	0.02032	0.8977	mg/L	0.02032	2.26%
Zn 206.200†	200105.5	3.878	mg/L	0.0964	3.878	mg/L	0.0964	2.49%
Sb 206.836†	10922.1	2.519	mg/L	0.0418	2.519	mg/L	0.0418	1.66%
Fe 273.955†	5113599.5	152.2	mg/L	0.36	152.2	mg/L	0.36	0.23%
Mg 279.077†	2491.2	28.60	mg/L	0.103	28.60	mg/L	0.103	0.36%
Mo 202.031†	7115.4	0.5353	mg/L	0.00640	0.5353	mg/L	0.00640	1.19%

Sequence No.: 36
Sample ID: MB 580-17358/19-AA
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 4/6/2007 3:23:42 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:47 PM,

Mean Data: MB 580-17358/19-AA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	593072.4	103.8	%	1.34				1.29%
Sc 361.383	1050524.7	101.3	%	1.41				1.39%
As 188.979†	1.9	0.0010	mg/L	0.00024	0.0010	mg/L	0.00024	24.46%
Cd 226.502†	10.2	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	73.98%
Cr 267.716†	-5.9	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	162.65%
Pb 220.353†	-35.3	-0.0030	mg/L	0.00127	-0.0030	mg/L	0.00127	41.74%
Se 196.026†	-5.4	-0.0023	mg/L	0.00090	-0.0023	mg/L	0.00090	38.59%
Ag 328.068†	44.8	0.0002	mg/L	0.00040	0.0002	mg/L	0.00040	248.17%
Cu 327.393†	392.7	0.0027	mg/L	0.00111	0.0027	mg/L	0.00111	40.62%
Ni 231.604†	-4.0	-0.0001	mg/L	0.00018	-0.0001	mg/L	0.00018	270.80%
Zn 206.200†	1200.9	0.0233	mg/L	0.00161	0.0233	mg/L	0.00161	6.91%
Sb 206.836†	6.6	0.0015	mg/L	0.00066	0.0015	mg/L	0.00066	43.42%
Fe 273.955†	1264.8	0.0377	mg/L	0.00747	0.0377	mg/L	0.00747	19.85%
Mg 279.077†	-11.1	-0.1276	mg/L	0.00512	-0.1276	mg/L	0.00512	4.01%
Mo 202.031†	9.4	0.0007	mg/L	0.00025	0.0007	mg/L	0.00025	35.83%

Sequence No.: 37
Sample ID: CCV
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 4/6/2007 3:27:46 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:47 PM,

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	597903.6	104.6	%	2.12				2.03%
Sc 361.383	1094178.5	105.5	%	2.26				2.14%
As 188.979†	9659.6	4.915	mg/L	0.1254	4.915	mg/L	0.1254	2.55%
QC value within limits for As 188.979 Recovery = 98.30%								
Cd 226.502†	163964.5	0.9622	mg/L	0.00238	0.9622	mg/L	0.00238	0.25%
QC value within limits for Cd 226.502 Recovery = 96.22%								
Cr 267.716†	128620.1	0.9675	mg/L	0.00189	0.9675	mg/L	0.00189	0.20%
QC value within limits for Cr 267.716 Recovery = 96.75%								
Pb 220.353†	28630.5	2.458	mg/L	0.0656	2.458	mg/L	0.0656	2.67%
QC value within limits for Pb 220.353 Recovery = 98.31%								
Se 196.026†	11227.4	4.883	mg/L	0.1191	4.883	mg/L	0.1191	2.44%
QC value within limits for Se 196.026 Recovery = 97.65%								
Ag 328.068†	262631.5	0.9569	mg/L	0.00114	0.9569	mg/L	0.00114	0.12%
QC value within limits for Ag 328.068 Recovery = 95.69%								
Cu 327.393†	138008.6	0.9595	mg/L	0.00111	0.9595	mg/L	0.00111	0.12%
QC value within limits for Cu 327.393 Recovery = 95.95%								
Ni 231.604†	57869.6	0.9768	mg/L	0.02246	0.9768	mg/L	0.02246	2.30%
QC value within limits for Ni 231.604 Recovery = 97.68%								
Zn 206.200†	51164.2	0.9915	mg/L	0.02464	0.9915	mg/L	0.02464	2.49%
QC value within limits for Zn 206.200 Recovery = 99.15%								
Sb 206.836†	21271.2	4.906	mg/L	0.1191	4.906	mg/L	0.1191	2.43%
QC value within limits for Sb 206.836 Recovery = 98.12%								
Fe 273.955†	328786.4	9.788	mg/L	0.0176	9.788	mg/L	0.0176	0.18%
QC value within limits for Fe 273.955 Recovery = 97.88%								
Mg 279.077†	1603.3	18.41	mg/L	0.234	18.41	mg/L	0.234	1.27%
QC value within limits for Mg 279.077 Recovery = 92.03%								
Mo 202.031†	13007.5	0.9786	mg/L	0.02643	0.9786	mg/L	0.02643	2.70%
QC value within limits for Mo 202.031 Recovery = 97.86%								

All analytes passed QC.

Sequence No.: 38
Sample ID: CCB
Analyst:
Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 4/6/2007 3:31:58 PM

Sample Prep Volume:
Data Type: Reprocessed on 4/6/2007 4:42:50 PM,

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Lu 261.542	588858.3	103.0	%	0.23				0.22%
Sc 361.383	1057940.0	102.0	%	0.27				0.27%
As 188.979†	-1.5	-0.0008	mg/L	0.00185	-0.0008	mg/L	0.00185	240.92%
QC value within limits for As 188.979 Recovery = Not calculated								
Cd 226.502†	-5.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	71.97%
QC value within limits for Cd 226.502 Recovery = Not calculated								
Cr 267.716†	15.5	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	24.06%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Pb 220.353†	-16.2	-0.0014	mg/L	0.00102	-0.0014	mg/L	0.00102	73.44%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Se 196.026†	-5.5	-0.0024	mg/L	0.00300	-0.0024	mg/L	0.00300	126.43%
QC value within limits for Se 196.026 Recovery = Not calculated								
Ag 328.068†	100.3	0.0004	mg/L	0.00058	0.0004	mg/L	0.00058	157.71%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Cu 327.393†	165.0	0.0011	mg/L	0.00050	0.0011	mg/L	0.00050	43.65%
QC value within limits for Cu 327.393 Recovery = Not calculated								
Ni 231.604†	3.4	0.0001	mg/L	0.00013	0.0001	mg/L	0.00013	216.82%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Zn 206.200†	870.2	0.0169	mg/L	0.00061	0.0169	mg/L	0.00061	3.64%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Sb 206.836†	3.9	0.0009	mg/L	0.00024	0.0009	mg/L	0.00024	26.98%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Fe 273.955†	1071.0	0.0319	mg/L	0.00212	0.0319	mg/L	0.00212	6.64%
QC value within limits for Fe 273.955 Recovery = Not calculated								
Mg 279.077†	-11.2	-0.1280	mg/L	0.04399	-0.1280	mg/L	0.04399	34.37%
QC value within limits for Mg 279.077 Recovery = Not calculated								
Mo 202.031†	8.1	0.0006	mg/L	0.00012	0.0006	mg/L	0.00012	20.12%

QC value within limits for Mo 202.031 Recovery = Not calculated
All analytes passed QC.

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 0	09:08:50 03 Apr 07	HG		
Hg	.000	PPB	-1611					
*** Standard: 1 Rep: 2				Seq: 1	09:13:32 03 Apr 07	HG		
Hg	.000	PPB	13032					
*** Standard: 1 Rep: 3				Seq: 2	09:18:41 03 Apr 07	HG		
Hg	.000	PPB	4524					
*** Standard: 2 Rep: 1				Seq: 3	09:23:20 03 Apr 07	HG		
Hg	.200	PPB	30069					
*** Standard: 2 Rep: 2				Seq: 4	09:28:20 03 Apr 07	HG		
Hg	.200	PPB	28088					
*** Standard: 2 Rep: 3				Seq: 5	09:33:00 03 Apr 07	HG		
Hg	.200	PPB	40248					
*** Standard: 3 Rep: 1				Seq: 6	09:37:41 03 Apr 07	HG		
Hg	.500	PPB	52926					
*** Standard: 3 Rep: 2				Seq: 7	09:42:31 03 Apr 07	HG		
Hg	.500	PPB	85505					
*** Standard: 3 Rep: 3				Seq: 8	09:47:10 03 Apr 07	HG		
Hg	.500	PPB	63220					
*** Standard: 4 Rep: 1				Seq: 9	09:51:51 03 Apr 07	HG		
Hg	2.00	PPB	214409					
*** Standard: 4 Rep: 2				Seq: 10	09:56:43 03 Apr 07	HG		
Hg	2.00	PPB	229781					
*** Standard: 4 Rep: 3				Seq: 11	10:01:28 03 Apr 07	HG		
Hg	2.00	PPB	216021					
*** Standard: 5 Rep: 1				Seq: 12	10:06:07 03 Apr 07	HG		
Hg	5.00	PPB	536265					
*** Standard: 5 Rep: 2				Seq: 13	10:11:30 03 Apr 07	HG		
Hg	5.00	PPB	544383					
*** Standard: 5 Rep: 3				Seq: 14	10:16:13 03 Apr 07	HG		
Hg	5.00	PPB	528925					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 6 Rep: 1 Seq: 15 10:21:14 03 Apr 07 HG

Hg 10.0 PPB 1041897

*** Standard: 6 Rep: 2 Seq: 16 10:25:54 03 Apr 07 HG

Hg 10.0 PPB 1037236

*** Standard: 6 Rep: 3 Seq: 17 10:30:36 03 Apr 07 HG

Hg 10.0 PPB 1034713

*** Check Standard: 2 Ck24 PPB Seq: 18 10:42:45 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.6	3.91	4.00	PPB	.000

*** Check Standard: 3 Ck32 PPB Seq: 19 10:47:30 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		106.	2.12	2.00	PPB	.000

*** Check Standard: 4 Ck45 PPB Seq: 20 10:52:12 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.05	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 21 10:56:57 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.047	.200	PPB	.000

*** Check Standard: 4 Ck45 PPB Seq: 22 11:10:45 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.04	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 23 11:16:37 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.046	.200	PPB	.000

*** Sample ID: RINSE Seq: 27 11:36:03 03 Apr 07 HG

			FCW Hg#1	
Hg	-.055	PPB	.000	-.055

*** Check Standard: 4 Ck45 PPB Seq: 28 11:40:52 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.08	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 29 11:45:34 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.035	.200	PPB	.000

*** Sample ID: 580-140845 Seq: 30 11:50:17 03 Apr 07 HG

			FCW Hg#1(17235)	
Hg	.136	PPB	.000	.136

*** Sample ID: 580-140846 Seq: 31 11:54:58 03 Apr 07 HG

			FCW Hg#1(17235)	
Hg	-.050	PPB	.000	-.050

*** Sample ID: 580-140847 Seq: 32 11:59:36 03 Apr 07 HG

			FCW Hg#1(17235)	
Hg	1.97	PPB	.000	1.97

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 580-140848 Seq: 33 12:04:14 03 Apr 07 HG
FCW Hg#1(17235)

Hg	2.05	PPB	.000	2.05				

*** Sample ID: 580-140849 Seq: 34 12:08:54 03 Apr 07 HG
FCW Hg#1(17235)

Hg	.021	PPB	.000	.021				

*** Sample ID: 580-140850 Seq: 35 12:13:58 03 Apr 07 HG
FCW Hg#1(17235)

Hg	2.08	PPB	.000	2.08				

*** Sample ID: 580-140851 Seq: 36 12:18:42 03 Apr 07 HG
FCW Hg#1(17235)

Hg	2.08	PPB	.000	2.08				

*** Sample ID: 580-140844 Seq: 37 12:23:24 03 Apr 07 HG
FCW Hg#1(17235)

Hg	-.076	PPB	.000	-.076				

*** Check Standard: 4 Ck45 PPB Seq: 38 12:28:03 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		102.	5.12	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 39 12:32:46 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.035	.200	PPB	.000

*** Sample ID: 580-140885 Seq: 40 12:38:22 03 Apr 07 HG
FCW Hg#1(17235)

Hg	-.021	PPB	.000	-.021				

*** Sample ID: 580-140886 Seq: 41 12:43:00 03 Apr 07 HG
FCW Hg#1(17235)

Hg	2.03	PPB	.000	2.03				

*** Sample ID: 580-140887 Seq: 42 12:47:39 03 Apr 07 HG
FCW Hg#1(17235)

Hg	1.97	PPB	.000	1.97				

*** Sample ID: 580-140888 Seq: 43 12:52:41 03 Apr 07 HG
FCW Hg#1(17235)

Hg	6.00	PPB	.000	6.00				

*** Check Standard: 4 Ck45 PPB Seq: 44 12:57:43 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.06	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 46 13:07:30 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.027	.200	PPB	.000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 580-140865 Seq: 47 13:12:21 03 Apr 07 HG
FCW Hg#1(17235)
Hg 2.71 PPB .000 2.71

*** Sample ID: 580-140866 Seq: 48 13:17:15 03 Apr 07 HG
FCW Hg#1(17238)
Hg .571 PPB .000 .571

*** Sample ID: 580-140867 Seq: 49 13:21:55 03 Apr 07 HG
FCW Hg#1(17238)
Hg 1.76 PPB .000 1.76

*** Sample ID: 580-140868 Seq: 50 13:26:34 03 Apr 07 HG
FCW Hg#1(17238)
Hg .133 PPB .000 .133

*** Sample ID: 580-140869 Seq: 51 13:31:15 03 Apr 07 HG
FCW Hg#1(17238)
Hg .744 PPB .000 .744

*** Check Standard: 4 Ck45 PPB Seq: 52 13:36:16 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.04	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 53 13:40:57 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.034	.200	PPB	.000

*** Sample ID: 580-140870 Seq: 54 13:46:16 03 Apr 07 HG
FCW Hg#1(17238)
Hg .313 PPB .000 .313

*** Sample ID: 580-140871 Seq: 55 13:51:00 03 Apr 07 HG
FCW Hg#1(17238)
Hg .290 PPB .000 .290

*** Sample ID: 580-140872 Seq: 56 13:56:10 03 Apr 07 HG
FCW Hg#1(17238)
Hg .340 PPB .000 .340

*** Sample ID: 580-140873 Seq: 57 14:00:59 03 Apr 07 HG
FCW Hg#1(17238)
Hg .466 PPB .000 .466

*** Sample ID: 580-140874 Seq: 58 14:05:44 03 Apr 07 HG
FCW Hg#1(17238)
Hg .248 PPB .000 .248

*** Sample ID: 580-140875 Seq: 59 14:10:37 03 Apr 07 HG
FCW Hg#1(17238)
Hg .446 PPB .000 .446

Line Conc. Units SD/RSD 1 2 3 4 5

*** Check Standard: 4 Ck45 PPB Seq: 60 14:15:20 03 Apr 07 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 97.6 4.88 5.00 PPB .000

*** Check Standard: 1 Ck1BLANK Seq: 61 14:20:04 03 Apr 07 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.027 .200 PPB .000

*** Sample ID: 580-140876 Seq: 62 14:24:53 03 Apr 07 HG
FCW Hg#1(17238)
Hg .451 PPB .000 .451

*** Sample ID: 580-140877 Seq: 63 14:29:35 03 Apr 07 HG
FCW Hg#1(17238)
Hg .462 PPB .000 .462

*** Sample ID: 580-140879 Seq: 65 14:39:16 03 Apr 07 HG
FCW Hg#1(17238)
Hg 2.42 PPB .000 2.42

*** Sample ID: 580-140880 Seq: 66 14:44:08 03 Apr 07 HG
FCW Hg#1(17238)
Hg 2.58 PPB .000 2.58

*** Sample ID: 580-140881 Seq: 67 14:48:47 03 Apr 07 HG
FCW Hg#1(17238)
Hg .507 PPB .000 .507

*** Sample ID: 580-140882 Seq: 68 14:53:32 03 Apr 07 HG
FCW Hg#1(17238)
Hg .506 PPB .000 .506

*** Sample ID: 580-140883 Seq: 69 14:58:14 03 Apr 07 HG
FCW Hg#1(17238)
Hg .223 PPB .000 .223

*** Sample ID: 580-140884 Seq: 70 15:03:55 03 Apr 07 HG
FCW Hg#1(17238)
Hg 3.42 PPB .000 3.42

*** Check Standard: 4 Ck45 PPB Seq: 72 15:14:54 03 Apr 07 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 102. 5.08 5.00 PPB .000

*** Check Standard: 1 Ck1BLANK Seq: 73 15:19:44 03 Apr 07 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.020 .200 PPB .000

*** Sample ID: 580-140936 Seq: 74 15:24:37 03 Apr 07 HG
FCW Hg#1(17238)20X
Hg 1.09 PPB .000 1.09

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 4 Ck45 PPB Seq: 75 15:29:29 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.04	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 76 15:34:07 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.041	.200	PPB	.000

*** Sample ID: 580-141033 Seq: 78 15:43:44 03 Apr 07 HG

FCW Hg#1(17255)

Hg	-.048	PPB	.000	-.048

*** Sample ID: 580-141034 Seq: 79 15:48:45 03 Apr 07 HG

FCW Hg#1(17255)

Hg	2.03	PPB	.000	2.03

*** Sample ID: 580-141035 Seq: 80 15:53:26 03 Apr 07 HG

FCW Hg#1(17255)

Hg	2.02	PPB	.000	2.02

*** Sample ID: 580-141036 Seq: 81 15:58:21 03 Apr 07 HG

FCW Hg#1(17255)

Hg	8.92	PPB	.000	8.92

*** Check Standard: 4 Ck45 PPB Seq: 82 16:03:03 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.03	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 83 16:08:03 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.031	.200	PPB	.000

*** Sample ID: 580-141023 Seq: 85 16:17:41 03 Apr 07 HG

FCW Hg#1(17255)

Hg	8.86	PPB	.000	8.86

*** Sample ID: 580-141025 Seq: 87 16:27:02 03 Apr 07 HG

FCW Hg#1(17255)

Hg	8.67	PPB	.000	8.67

*** Sample ID: 580-141026 Seq: 88 16:32:14 03 Apr 07 HG

FCW Hg#1(17255)

Hg	11.1	PPB	.000	11.1

*** Sample ID: 580-141027 Seq: 89 16:37:17 03 Apr 07 HG

FCW Hg#1(17255)

Hg	7.13	PPB	.000	7.13

*** Check Standard: 4 Ck45 PPB Seq: 96 17:15:10 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.02	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 97 17:19:48 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.039	.200	PPB	.000

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: 580-141028 Seq: 99 17:30:21 03 Apr 07 HG
FCW Hg#1(17255)20X

Hg	1.07	PPB	.000	1.07				

*** Sample ID: 580-141029 Seq: 100 17:35:05 03 Apr 07 HG
FCW Hq#1(17255)20X

Hg	.689	PPB	.000	.689				

*** Sample ID: 580-141030 Seq: 101 17:39:55 03 Apr 07 HG
FCW Hg#1(17255)20X

Hg	.964	PPB	.000	.964				

*** Sample ID: 580-141031 Seq: 102 17:44:35 03 Apr 07 HG
FCW Hg#1(17255)20X

Hg	.939	PPB	.000	.939				

*** Sample ID: 580-141032 Seq: 103 17:49:15 03 Apr 07 HG
FCW Hg#1(17255)20X

Hg	1.73	PPB	.000	1.73				

*** Check Standard: 4 Ck45 PPB Seq: 104 17:54:15 03 Apr 07 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		104.	5.21	5.00	PPB	.000

*** Check Standard: 1 Ck1BLANK Seq: 105 17:59:04 03 Apr 07 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.036	.200	PPB	.000

LABORATORY WORKSHEETS

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17358

Method Code: 580-3050B-580

Analyst: Boardway, Peter A

Batch Open: 4/5/2007 3:41:38PM

Batch End:

Acid Digestion of Sediments, Sludges, and Soils

	Input Sample Lab ID (Analytical Method)	SDG	Matrix	Initial Amount	Final Amount	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	580-5372-A-3 (6010B)	N/A	Solid	1.1093 g	50 mL	4/10/07	13_Days - E	4		
2	580-5372-A-3~DU (6010B)	N/A	Solid	1.0489 g	50 mL	4/10/07	13_Days - E	4		
3	580-5372-A-3~DU (6010B)	N/A	Solid	1.1918 g	50 mL	4/10/07	13_Days - E	4		
4	580-5372-A-3~MS (6010B)	N/A	Solid	1.3545 g	50 mL	4/10/07	13_Days - E	4		
5	580-5372-A-3~MSD (6010B)	N/A	Solid	1.1391 g	50 mL	4/10/07	13_Days - E	4		
6	580-5385-B-12 (6010B)	N/A	Solid	1.0209 g	50 mL	4/11/07	13_Days - E	4		
7	580-5407-A-5 (6010B)	N/A	Solid	1.2989 g	50 mL	4/12/07	13_Days - E	4		
8	580-5407-A-6 (6010B)	N/A	Solid	1.3113 g	50 mL	4/12/07	13_Days - E	4		
9	580-5404-A-13 (6010B)	N/A	Solid	1.3539 g	50 mL	4/12/07	13_Days - E	4		
10	580-5404-A-14 (6010B)	N/A	Solid	1.2080 g	50 mL	4/12/07	13_Days - E	4		
11	580-5453-C-9 (6010B)	N/A	Solid	1.2170 g	50 mL	4/12/07	8_Days - R	2		
12	580-5483-A-1 (6010B)	N/A	Solid	1.1292 g	50 mL	4/16/07	8_Days - R	4		
13	580-5456-A-1 (6010B)	N/A	Solid	1.1459 g	50 mL	4/12/07	8_Days - R	2		
14	400-20367-B-1 (3050B)	N/A	Solid	1.3301 g	50 mL	4/12/07	7_Days - E	N/A		
15	400-20367-B-2 (3050B)	N/A	Solid	1.0626 g	50 mL	4/12/07	7_Days - E	N/A		

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Printed : 4/5/2007

STL Seattle

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17358

Analyst: Boardway, Peter A

Batch Open: 4/5/2007 3:41:38PM

Method Code: 580-3050B-580

Batch End:

16	400-20367-B-3 (3050B)	N/A	Solid	1.2289 g	50 mL	4/12/07	7_Days - E	N/A		580-14174
17	400-20367-B-4 (3050B)	N/A	Solid	1.0773 g	50 mL	4/12/07	7_Days - E	N/A		580-14174
18	400-20367-B-5 (3050B)	N/A	Solid	1.2681 g	50 mL	4/12/07	7_Days - E	N/A		580-14174
19	MB~580-17358/19 N/A	N/A		1.0 g	50 mL	N/A	N/A	N/A		580-14175
20	LCS~580-17358/20 N/A	N/A		1.0 g	50 mL	N/A	N/A	N/A		580-14175
21	LCSD~580-17358/21 N/A	N/A		1.0 g	50 mL	N/A	N/A	N/A		580-14175
22	LCSSRM~580-17358/22 N/A	N/A		0.5838 g	50 mL	N/A	N/A	N/A		580-14175

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17358

Method Code: 580-3050B-580

Analyst: Boardway, Peter A

Batch Open: 4/5/2007 3:41:38PM

Batch End:

Batch Notes

Acid used for pH adjustment	
Analyst	
Balance ID	SEA204
Batch Comment	
Blank Soil Lot Number	
First End time	17:20
Hydrogen peroxide lot number	S007
Lot # of hydrochloric acid	4106040
Logbook ID for diluted Nitric	
Lot # of Nitric Acid	1106050
Hood ID or number	06
Hot Block ID number	226751
Oven, Bath or Block Temperature 1	
Oven, Bath or Block Temperature 2	
Person's name who witnessed reagent drop	
First Start time	15:50
Temperature	95
ID number of the thermometer	15-041-1A
DigestionTubes	

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17358

Method Code: 580-3050B-580

Analyst: Boardway, Peter A

Batch Open: 4/5/2007 3:41:38PM

Batch End:

Comments

Login Comments for Job 5372: PND07-9 4oz soil jar rcvd broken...
PHD07-9 Methanol preserved sample in non pretared jar...

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17358

Method Code: 580-3050B-580

Analyst: Boardway, Peter A

Batch Open: 4/5/2007 3:41:38PM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
580-5372-A-3 MS	m-GPS-1_00006	1 mL	50 mL		
580-5372-A-3 MS	m-GPS-2_00006	1 mL	50 mL		
580-5372-A-3 MS	m-GPS-3_00006	1 mL	50 mL		
580-5372-A-3 MS	m-GPS-4_00006	1 mL	50 mL		
580-5372-A-3 MSD	m-GPS-1_00006	1 mL	50 mL		
580-5372-A-3 MSD	m-GPS-2_00006	1 mL	50 mL		
580-5372-A-3 MSD	m-GPS-3_00006	1 mL	50 mL		
580-5372-A-3 MSD	m-GPS-4_00006	1 mL	50 mL		
LCS 580-17358/20	m-GPS-1_00006	1 mL	50 mL		
LCS 580-17358/20	m-GPS-2_00006	1 mL	50 mL		
LCS 580-17358/20	m-GPS-3_00006	1 mL	50 mL		
LCS 580-17358/20	m-GPS-4_00006	1 mL	50 mL		
LCSD 580-17358/21	m-GPS-1_00006	1 mL	50 mL		
LCSD 580-17358/21	m-GPS-2_00006	1 mL	50 mL		
LCSD 580-17358/21	m-GPS-3_00006	1 mL	50 mL		
LCSD 580-17358/21	m-GPS-4_00006	1 mL	50 mL		

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17358

Method Code: 580-3050B-580

Analyst: Boardway, Peter A

Batch Open: 4/5/2007 3:41:38PM

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17255

Method Code: 580-7471A_Prep-580

Analyst: Boardway, Peter A

Batch Open: 4/3/2007 1:50:47PM

Batch End: 4/3/2007 3:20:00PM

Mercury in Solid or Semi-Solid Waste (Manual Cold Vapor Technique)/Preparation

	Input Sample Lab ID (Analytical Method)	SDG	Matrix	Initial Amount	Final Amount	Due Date	Analytical TAT	Div Rank	Comments	Output Sample Lab ID
1	580-5372-B-3 (7471A)	N/A	Solid	0.5501 g	50 mL	4/10/07	13_Days - E	4		
2	580-5372-B-3~DU (7471A)	N/A	Solid	0.6683 g	50 mL	4/10/07	13_Days - E	4		
3	580-5372-B-3~DU (7471A)	N/A	Solid	0.5849 g	50 mL	4/10/07	13_Days - E	4		
4	580-5372-B-3~MS (7471A)	N/A	Solid	0.5861 g	50 mL	4/10/07	13_Days - E	4		
5	580-5372-B-3~MSD (7471A)	N/A	Solid	0.5763 g	50 mL	4/10/07	13_Days - E	4		
6	580-5385-B-12 (7471A)	N/A	Solid	0.8175 g	50 mL	4/11/07	13_Days - E	4	20X	
7	580-5407-A-5 (7471A)	N/A	Solid	0.6720 g	50 mL	4/12/07	13_Days - E	4	20X	
8	580-5407-A-6 (7471A)	N/A	Solid	0.5203 g	50 mL	4/12/07	13_Days - E	4		
9	580-5404-A-13 (7471A)	N/A	Solid	0.6317 g	50 mL	4/12/07	13_Days - E	4		
10	580-5404-A-14 (7471A)	N/A	Solid	0.6795 g	50 mL	4/12/07	13_Days - E	4		
11	MB~580-17255/11 N/A	N/A		0.5 g	50 mL	N/A	N/A	N/A		
12	LCS~580-17255/12 N/A	N/A		0.5 g	50 mL	N/A	N/A	N/A		
13	LCSD~580-17255/13 N/A	N/A		0.5 g	50 mL	N/A	N/A	N/A		
14	LCSSRM~580-17255/14 N/A	N/A		0.1449 g	50 mL	N/A	N/A	N/A		

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17255
Method Code: 580-7471A_Prep-580

Analyst: Boardway, Peter A

Batch Open: 4/3/2007 1:50:47PM
Batch End: 4/3/2007 3:20:00PM

Batch Notes

Hydroxylamine Sulfate Lot Number	056527
Hydroxylamine Hydrochloride Lot	
Acid used for pH adjustment	
Aqua Regia Lot Number	
Balance ID	SEA204
Batch Comment	
Blank Soil Lot Number	
Sulfuric Acid Lot Number	3106040
Lot # of hydrochloric acid	4106110
Lot # of Nitric Acid	1106050
Hood ID or number	06
Hot Block ID number	226752
Potassium Persulfate Lot Number	60384
Potassium Permanganate Lot Number	045936
NaCL Lot #	30198
Oven, Bath or Block Temperature 1	95
Oven, Bath or Block Temperature 2	
Repittetor Volume Check	
Stannous chloride Lot Number	060944
SOP Number	

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17255 Analyst: Boardway, Peter A Batch Open: 4/3/2007 1:50:47PM

Method Code: 580-7471A_Prep-580 Batch End: 4/3/2007 3:20:00PM

ID number of the thermometer 15-041-1A

DigestionTubes

Comments

Login Comments for Job 5372: PND07-9 4oz soil jar rcvd broken...
PHD07-9 Methanol preserved sample in non pretared jar...

Metals/Inorganics Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17255
Method Code: 580-7471A_Prep-580

Analyst: Boardway, Peter A

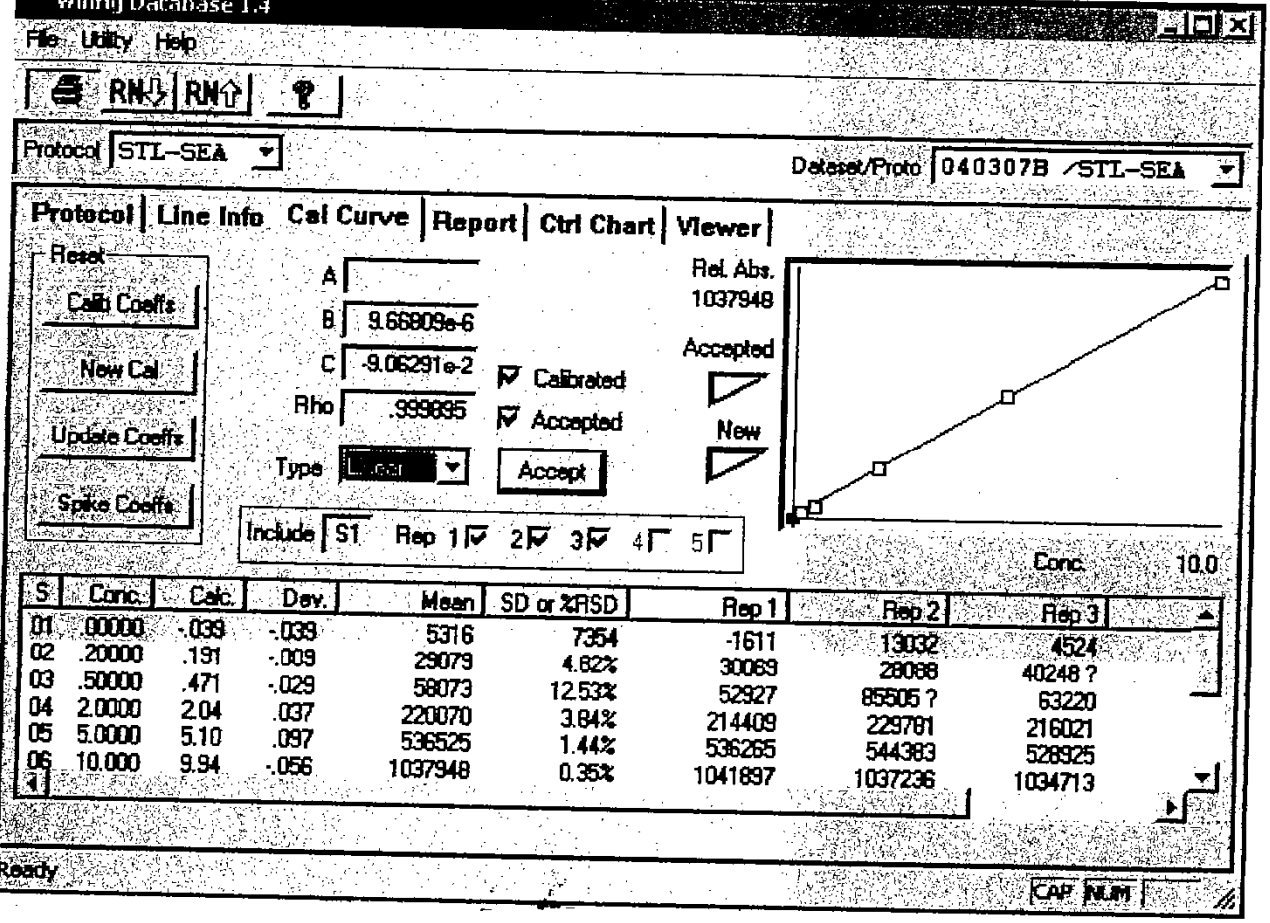
Batch Open: 4/3/2007 1:50:47PM
Batch End: 4/3/2007 3:20:00PM

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
580-5372-B-3 MS	HgSPK_00009	1 mL	50 mL		
580-5372-B-3 MSD	HgSPK_00009	1 mL	50 mL		
LCS 580-17255/12	HgSPK_00009	1 mL	50 mL		
LCSD 580-17255/13	HgSPK_00009	1 mL	50 mL		

Other Reagents:

Reagent	Amount/Units	Lot#:



SJDS 4/3/07

TOTAL VOLATILE SOLIDS DATA PACKAGE

Total Volatile Solids Method 160.4

Batch ID 1385-12-2

Date 3/28/2007

Analyst tlh

Sample #	Cup #	A 103 Sample	D 600 Sample Weight	B Tare Tare Weight	TVS(%)	PQL
580-5407b-2	1	29.0318	28.7715	22.5085	3.990	0.01%
580-5407b-3	2	26.8702	26.8294	20.6795	0.659	0.01%
580-5407b-4	3	28.6137	28.5143	22.4284	1.607	0.01%
580-5407a-5	4	26.3053	26.0231	20.0619	4.520	0.01%
580-5407a-6	5	25.5213	25.2565	18.375	3.705	0.01%
580-5404a13	6	24.4006	24.1844	19.6038	4.507	0.01%
580-5404a14	7	26.0707	25.8461	19.7791	3.570	0.01%
580-5407a-6dup	11	25.5974	25.3198	18.0797	3.693	0.01%
Method Blank	Y	34.2993	34.2991	17.3883	0.001	0.01

Duplicate RPD

3/26/07 160.4 TVS - Solids 1385-12-1 LIMS # 17043

Sample	A 103°	B TARE	D 600°	TVS
MB	31.1469	20.7795	31.1466	0.003
580-5385-C-3	26.1241	20.3927	25.9248	3.48
" C-4	26.8271	19.9569	26.6150	3.09
" C-5	28.9313	21.3017	28.7282	2.66
" C-6	27.8394	19.5161	27.6249	2.57
" C-7	31.9496	19.7053	31.8195	1.06
" C-8	28.1383	20.6586	27.8887	3.34
" D-9	26.4182	20.1076	26.1739	3.87
" C-10	27.2515	21.0763	26.9861	4.30
" B-11	26.8550	20.5496	26.5946	4.14
" B-12	28.5329	20.4516	28.2168	3.91
" B-12 dup	28.2619	20.0571	27.9407	3.92

$TVS = \frac{A-D}{A-B} \times 100$ RPD = 0.2

3/28/07 160.4 - TVS Solids 1385-12-2 LIMS # 17136

Sample	A 103°	B TARE	D 600°	TVS %
MB	34.2993	17.3883	34.2991	0.001
580-5407-B-2	29.0318	22.5085	28.7715	3.99
B-3	26.8702	20.6795	26.8294	0.66
B-4	28.6137	22.4284	28.5143	1.61
A-5	26.3053	20.0619	26.0231	4.52
A-6	25.5213	18.3750	25.2565	3.71
A-6d	25.5974	18.0797	25.3198	3.69
5404-A13	24.4006	19.6038	24.1844	4.51
A14	26.0707	19.7791	25.8461	3.57

$TVS = \frac{A-D}{A-B} \times 100$ RPD = 0.4

Continued on Page

Read and Understood By

Signed Date Signed Date

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