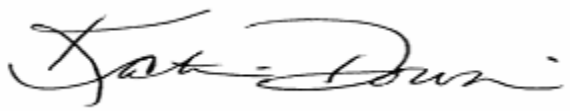
ANALYTICAL REPORT

Job Number: 580-5407-1

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
kdownie@stl-inc.com
05/04/2007

Project Manager: Katie Downie

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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: 580-5407-1

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: 580-5407-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-5407-1	Trip Blank	Solid	03/24/2007 0000	03/26/2007 1300
580-5407-2	PND07-2A	Solid	03/24/2007 1103	03/26/2007 1300
580-5407-3	PND07-2B	Solid	03/24/2007 1126	03/26/2007 1300
580-5407-4	PND07-2C	Solid	03/24/2007 1140	03/26/2007 1300
580-5407-5	PND-1	Solid	03/24/2007 1141	03/26/2007 1300
580-5407-6	PND-3	Solid	03/24/2007 1142	03/26/2007 1300

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 580-5407-1
Client Matrix: Solid

Date Sampled: 03/24/2007 0000
Date Received: 03/26/2007 1300

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035-Medium
Dilution: 1.0
Date Analyzed: 03/31/2007 0409
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17209
Prep Batch: 580-17166

Instrument ID: SEA041
Lab File ID: ar0006044.D
Initial Weight/Volume: 25 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	105	75 - 125
4-Bromofluorobenzene (Surr)	112	75 - 125
Trifluorotoluene (Surr)	115	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND07-2A

Lab Sample ID: 580-5407-2 Date Sampled: 03/24/2007 1103
Client Matrix: Solid % Moisture: 19.4 Date Received: 03/26/2007 1300

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17209 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17166 Lab File ID: ar0006045.D
Dilution: 1.0 Initial Weight/Volume: 15.35 g
Date Analyzed: 03/31/2007 0431 Final Weight/Volume: 1000 mL
Date Prepared: 03/30/2007 1336

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		5.7	16
Toluene		ND		15	81
Ethylbenzene		ND		15	81
m-Xylene & p-Xylene		ND		30	81
o-Xylene		ND		15	81

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	100	75 - 125
Toluene-d8 (Surr)	103	75 - 125
Ethylbenzene-d10	103	75 - 125
4-Bromofluorobenzene (Surr)	114	75 - 125
Trifluorotoluene (Surr)	98	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND07-2B

Lab Sample ID: 580-5407-3 Date Sampled: 03/24/2007 1126
Client Matrix: Solid % Moisture: 18.4 Date Received: 03/26/2007 1300

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17209 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17166 Lab File ID: ar0006046.D
Dilution: 1.0 Initial Weight/Volume: 25.72 g
Date Analyzed: 03/31/2007 0453 Final Weight/Volume: 1000 mL
Date Prepared: 03/30/2007 1336

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		3.3	9.5
Toluene		ND		8.8	48
Ethylbenzene		ND		8.6	48
m-Xylene & p-Xylene		ND		18	48
o-Xylene		ND		8.6	48

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)	91	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND07-2C

Lab Sample ID: 580-5407-4 Date Sampled: 03/24/2007 1140
Client Matrix: Solid % Moisture: 17.5 Date Received: 03/26/2007 1300

8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 580-17209 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17166 Lab File ID: ar0006047.D
Dilution: 1.0 Initial Weight/Volume: 22.30 g
Date Analyzed: 03/31/2007 0516 Final Weight/Volume: 1000 mL
Date Prepared: 03/30/2007 1336

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzene		ND		3.8	11
Toluene		ND		10	54
Ethylbenzene		ND		9.8	54
m-Xylene & p-Xylene		ND		20	54
o-Xylene		ND		9.8	54

Surrogate	%Rec	Acceptance Limits
Fluorobenzene (Surr)	101	75 - 125
Toluene-d8 (Surr)	103	75 - 125
Ethylbenzene-d10	104	75 - 125
4-Bromofluorobenzene (Surr)	109	75 - 125
Trifluorotoluene (Surr)	96	75 - 125

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-1

Lab Sample ID: 580-5407-5 Date Sampled: 03/24/2007 1141
Client Matrix: Solid % Moisture: 43.9 Date Received: 03/26/2007 1300

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: ak008793.D
Dilution: 1.0 Initial Weight/Volume: 20.4017 g
Date Analyzed: 04/05/2007 0203 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		1.7	8.7
1,2-Dichlorobenzene		ND		3.0	8.7
1,3-Dichlorobenzene		ND		2.1	8.7
1,4-Dichlorobenzene		ND		1.3	8.7
2,4-Dimethylphenol		ND		3.3	17
2-Methylnaphthalene		ND		0.54	3.5
2-Methylphenol		ND		4.9	17
3 & 4 Methylphenol		ND		9.3	35
Acenaphthene		ND		1.0	3.5
Acenaphthylene		0.87	J	0.40	3.5
Anthracene		2.4	J	0.75	3.5
Benzo[a]anthracene		11		1.1	4.4
Benzo[a]pyrene		6.1		1.5	5.2
Benzo[g,h,i]perylene		4.0	J	1.3	4.4
Benzofluoranthene		28		1.7	7.0
Benzoic acid		ND		140	440
Benzyl alcohol		ND		5.2	17
Bis(2-ethylhexyl) phthalate		170	J * B	42	260
Butyl benzyl phthalate		16	J	5.1	17
Chrysene		19		1.3	4.4
Dibenz(a,h)anthracene		ND		2.1	7.0
Dibenzofuran		ND		3.0	17
Diethyl phthalate		3.2	J B	1.3	17
Dimethyl phthalate		22		1.3	17
Di-n-butyl phthalate		6.9	J B	2.3	35
Di-n-octyl phthalate		ND		5.8	35
Fluoranthene		27		0.54	3.5
Fluorene		0.67	J	0.45	3.5
Hexachlorobenzene		ND		1.9	8.7
Hexachlorobutadiene		ND		2.3	8.7
Hexachloroethane		ND		3.7	17
Indeno[1,2,3-cd]pyrene		3.8	J	2.1	7.0
N-Nitrosodiphenylamine		ND		2.6	8.7
Pentachlorophenol		ND		5.4	17
Phenanthrene		5.1		0.70	3.5
Phenol		ND		4.7	17
Pyrene		33		0.47	3.5
Naphthalene		ND		1.0	3.5

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	35	X	42 - 140
2-Fluorophenol	69		36 - 145
2,4,6-Tribromophenol	59		28 - 143
Nitrobenzene-d5	55		38 - 141

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: **PND-1**

Lab Sample ID:	580-5407-5			Date Sampled:	03/24/2007 1141
Client Matrix:	Solid	% Moisture:	43.9	Date Received:	03/26/2007 1300

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:	ak008793.D
Dilution:	1.0			Initial Weight/Volume:	20.4017 g
Date Analyzed:	04/05/2007 0203			Final Weight/Volume:	2 mL
Date Prepared:	04/04/2007 0636			Injection Volume:	

Surrogate	%Rec	Acceptance Limits
Phenol-d5	70	38 - 149
Terphenyl-d14	62	42 - 151

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-3

Lab Sample ID: 580-5407-6 Date Sampled: 03/24/2007 1142
Client Matrix: Solid % Moisture: 31.7 Date Received: 03/26/2007 1300

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: ak008794.D
Dilution: 1.0 Initial Weight/Volume: 20.1602 g
Date Analyzed: 04/05/2007 0230 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	7.3
1,2-Dichlorobenzene		ND		2.5	7.3
1,3-Dichlorobenzene		ND		1.7	7.3
1,4-Dichlorobenzene		ND		1.1	7.3
2,4-Dimethylphenol		ND		2.8	15
2-Methylnaphthalene		ND		0.45	2.9
2-Methylphenol		ND		4.1	15
3 & 4 Methylphenol		ND		7.7	29
Acenaphthene		ND		0.83	2.9
Acenaphthylene		0.67	J	0.33	2.9
Anthracene		1.6	J	0.63	2.9
Benzo[a]anthracene		8.9		0.94	3.6
Benzo[a]pyrene		4.6		1.2	4.4
Benzo[g,h,i]perylene		2.4	J	1.1	3.6
Benzofluoranthene		20		1.5	5.8
Benzoic acid		ND		120	360
Benzyl alcohol		ND		4.4	15
Bis(2-ethylhexyl) phthalate		80	J * B	35	220
Butyl benzyl phthalate		10	J	4.2	15
Chrysene		19		1.1	3.6
Dibenz(a,h)anthracene		ND		1.7	5.8
Dibenzofuran		ND		2.5	15
Diethyl phthalate		2.1	J B	1.0	15
Dimethyl phthalate		ND		1.1	15
Di-n-butyl phthalate		5.3	J B	1.9	29
Di-n-octyl phthalate		ND		4.8	29
Fluoranthene		32		0.45	2.9
Fluorene		0.60	J	0.38	2.9
Hexachlorobenzene		ND		1.6	7.3
Hexachlorobutadiene		ND		1.9	7.3
Hexachloroethane		ND		3.1	15
Indeno[1,2,3-cd]pyrene		2.9	J	1.7	5.8
N-Nitrosodiphenylamine		ND		2.2	7.3
Pentachlorophenol		ND		4.5	15
Phenanthrene		9.2		0.58	2.9
Phenol		ND		3.9	15
Pyrene		28		0.39	2.9
Naphthalene		ND		0.83	2.9

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	44	42 - 140
2-Fluorophenol	73	36 - 145
2,4,6-Tribromophenol	71	28 - 143
Nitrobenzene-d5	62	38 - 141

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: **PND-3**

Lab Sample ID:	580-5407-6			Date Sampled:	03/24/2007 1142
Client Matrix:	Solid	% Moisture:	31.7	Date Received:	03/26/2007 1300

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:	ak008794.D
Dilution:	1.0			Initial Weight/Volume:	20.1602 g
Date Analyzed:	04/05/2007 0230			Final Weight/Volume:	2 mL
Date Prepared:	04/04/2007 0636			Injection Volume:	

Surrogate	%Rec	Acceptance Limits
Phenol-d5	75	38 - 149
Terphenyl-d14	67	42 - 151

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: **Trip Blank**

Lab Sample ID: 580-5407-1
Client Matrix: Solid

Date Sampled: 03/24/2007 0000
Date Received: 03/26/2007 1300

AK101 Gasoline Range Organics

Method: AK101
Preparation: 5035-Medium
Dilution: 1.0
Date Analyzed: 03/31/2007 0409
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17218
Prep Batch: 580-17166

Instrument ID: SEA041
Lab File ID: gx0006044.D
Initial Weight/Volume: 25 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)	102	60 - 120
4-Bromofluorobenzene (Surr)	98	60 - 120
Ethylbenzene-d10	103	60 - 120
Fluorobenzene (Surr)	92	60 - 120
Toluene-d8 (Surr)	105	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND07-2A

Lab Sample ID: 580-5407-2 Date Sampled: 03/24/2007 1103
Client Matrix: Solid % Moisture: 19.4 Date Received: 03/26/2007 1300

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17218 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17166 Lab File ID: gx0006045.D
Dilution: 1.0 Initial Weight/Volume: 15.35 g
Date Analyzed: 03/31/2007 0431 Final Weight/Volume: 1000 mL
Date Prepared: 03/30/2007 1336 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		1.6	J	1.5	8.1

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	84	60 - 120
4-Bromofluorobenzene (Surr)	94	60 - 120
Ethylbenzene-d10	101	60 - 120
Fluorobenzene (Surr)	91	60 - 120
Toluene-d8 (Surr)	104	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND07-2B

Lab Sample ID: 580-5407-3 Date Sampled: 03/24/2007 1126
Client Matrix: Solid % Moisture: 18.4 Date Received: 03/26/2007 1300

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17218 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17166 Lab File ID: gx0006046.D
Dilution: 1.0 Initial Weight/Volume: 25.72 g
Date Analyzed: 03/31/2007 0453 Final Weight/Volume: 1000 mL
Date Prepared: 03/30/2007 1336 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		ND		0.91	4.8

Surrogate	%Rec	Acceptance Limits
Trifluorotoluene (Surr)	81	60 - 120
4-Bromofluorobenzene (Surr)	97	60 - 120
Ethylbenzene-d10	103	60 - 120
Fluorobenzene (Surr)	94	60 - 120
Toluene-d8 (Surr)	107	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND07-2C

Lab Sample ID: 580-5407-4 Date Sampled: 03/24/2007 1140
Client Matrix: Solid % Moisture: 17.5 Date Received: 03/26/2007 1300

AK101 Gasoline Range Organics

Method: AK101 Analysis Batch: 580-17218 Instrument ID: SEA041
Preparation: 5035-Medium Prep Batch: 580-17166 Lab File ID: gx0006047.D
Dilution: 1.0 Initial Weight/Volume: 22.30 g
Date Analyzed: 03/31/2007 0516 Final Weight/Volume: 1000 mL
Date Prepared: 03/30/2007 1336 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)	86	60 - 120
4-Bromofluorobenzene (Surr)	97	60 - 120
Ethylbenzene-d10	102	60 - 120
Fluorobenzene (Surr)	93	60 - 120
Toluene-d8 (Surr)	105	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-1

Lab Sample ID: 580-5407-5 Date Sampled: 03/24/2007 1141
Client Matrix: Solid % Moisture: 43.9 Date Received: 03/26/2007 1300

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A Analysis Batch: 580-17503 Instrument ID: SEA035
Preparation: 3550B Prep Batch: 580-17266 Lab File ID: ECD23942.D
Dilution: 1.0 Initial Weight/Volume: 10.6374 g
Date Analyzed: 04/04/2007 1503 Final Weight/Volume: 10 mL
Date Prepared: 04/04/2007 0728 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		0.18	1.7
gamma-BHC (Lindane)		ND		0.20	1.7
4,4'-DDD		ND		0.45	3.3
4,4'-DDE		ND		0.38	3.3
4,4'-DDT		ND		0.44	3.3
Dieldrin		ND		0.37	3.3
Heptachlor		0.25	J	0.23	1.7
alpha-Chlordane		ND		0.20	1.7
Hexachlorobenzene		ND		0.30	1.7
Hexachlorobutadiene		ND		0.18	1.7

Surrogate	%Rec		Acceptance Limits
Tetrachloro-m-xylene	33	X	49 - 123
DCB Decachlorobiphenyl	46		40 - 158

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-3

Lab Sample ID: 580-5407-6 Date Sampled: 03/24/2007 1142
Client Matrix: Solid % Moisture: 31.7 Date Received: 03/26/2007 1300

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A Analysis Batch: 580-17503 Instrument ID: SEA035
Preparation: 3550B Prep Batch: 580-17266 Lab File ID: ECD23943.D
Dilution: 1.0 Initial Weight/Volume: 10.1153 g
Date Analyzed: 04/04/2007 1522 Final Weight/Volume: 10 mL
Date Prepared: 04/04/2007 0728 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		ND		0.16	1.4
gamma-BHC (Lindane)		ND		0.17	1.4
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	1.4
alpha-Chlordane		ND		0.17	1.4
Hexachlorobenzene		ND		0.26	1.4
Hexachlorobutadiene		ND		0.16	1.4

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	52	49 - 123
DCB Decachlorobiphenyl	49	40 - 158

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-1

Lab Sample ID: 580-5407-5 Date Sampled: 03/24/2007 1141
Client Matrix: Solid % Moisture: 43.9 Date Received: 03/26/2007 1300

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 580-17365 Instrument ID: SEA034
Preparation: 3550B Prep Batch: 580-17265 Lab File ID: PCB7038.D
Dilution: 1.0 Initial Weight/Volume: 10.6480 g
Date Analyzed: 04/05/2007 1058 Final Weight/Volume: 10 mL
Date Prepared: 04/04/2007 0725 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		9.7	17
PCB-1221		ND		9.7	17
PCB-1232		ND		9.7	17
PCB-1242		ND		9.7	17
PCB-1248		ND		9.7	17
PCB-1254		ND		2.5	17
PCB-1260		ND	*	2.5	17

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	80	45 - 155
DCB Decachlorobiphenyl	81	50 - 150

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-3

Lab Sample ID: 580-5407-6 Date Sampled: 03/24/2007 1142
Client Matrix: Solid % Moisture: 31.7 Date Received: 03/26/2007 1300

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082 Analysis Batch: 580-17365 Instrument ID: SEA034
Preparation: 3550B Prep Batch: 580-17265 Lab File ID: PCB7039.D
Dilution: 1.0 Initial Weight/Volume: 10.3367 g
Date Analyzed: 04/05/2007 1121 Final Weight/Volume: 10 mL
Date Prepared: 04/04/2007 0725 Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		ND		8.2	14
PCB-1221		ND		8.2	14
PCB-1232		ND		8.2	14
PCB-1242		ND		8.2	14
PCB-1248		ND		8.2	14
PCB-1254		ND		2.1	14
PCB-1260		ND	*	2.1	14

Surrogate	%Rec	Acceptance Limits
Tetrachloro-m-xylene	78	45 - 155
DCB Decachlorobiphenyl	94	50 - 150

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-1

Lab Sample ID: 580-5407-5 Date Sampled: 03/24/2007 1141
Client Matrix: Solid % Moisture: 43.9 Date Received: 03/26/2007 1300

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: EP20992.D
Dilution: 1.0 Initial Weight/Volume: 10.4936 g
Date Analyzed: 04/04/2007 1635 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)		5.2	J	3.6	34
RRO (nC25-nC36)		22	J	10	85

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	101	60 - 120
n-Triacontane-d62	101	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-3

Lab Sample ID: 580-5407-6 Date Sampled: 03/24/2007 1142
Client Matrix: Solid % Moisture: 31.7 Date Received: 03/26/2007 1300

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: EP20993.D
Dilution: 1.0 Initial Weight/Volume: 10.0452 g
Date Analyzed: 04/04/2007 1701 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	3.1	29
RRO (nC25-nC36)		27	J	8.9	73

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	80	60 - 120
n-Triacontane-d62	95	60 - 120

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-1

Lab Sample ID: 580-5407-5 Date Sampled: 03/24/2007 1141
Client Matrix: Solid % Moisture: 43.9 Date Received: 03/26/2007 1300

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: 1.2989 g
Date Analyzed: 04/06/2007 1415 Final Weight/Volume: 50 mL
Date Prepared: 04/05/2007 1541

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		2.1	J	0.40	3.4
Arsenic		14		0.18	3.4
Cadmium		0.29	J	0.036	0.34
Copper		130	B	0.15	0.69
Lead		48	B	0.16	1.0
Nickel		30		0.12	0.69
Silver		ND		0.075	0.69
Zinc		120	B	0.23	2.1

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: 0.6720 g
Date Analyzed: 04/03/2007 1735 Final Weight/Volume: 50 mL
Date Prepared: 04/03/2007 1350

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		1.8		0.24	0.53

Client: PND Engineers, Inc. Job Number: 580-5407-1

Client Sample ID: PND-3

Lab Sample ID: 580-5407-6 Date Sampled: 03/24/2007 1142
Client Matrix: Solid % Moisture: 31.7 Date Received: 03/26/2007 1300

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: 1.3113 g
Date Analyzed: 04/06/2007 1418 Final Weight/Volume: 50 mL
Date Prepared: 04/05/2007 1541

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Antimony		1.7	J	0.32	2.8
Arsenic		10		0.15	2.8
Cadmium		0.17	J	0.029	0.28
Copper		110	B	0.12	0.56
Lead		34	B	0.13	0.84
Nickel		38		0.098	0.56
Silver		ND		0.061	0.56
Zinc		85	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: 0.5203 g
Date Analyzed: 04/03/2007 1739 Final Weight/Volume: 50 mL
Date Prepared: 04/03/2007 1350

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		2.7		0.25	0.56

General Chemistry

Client Sample ID: PND07-2A

Lab Sample ID: 580-5407-2 Date Sampled: 03/24/2007 1103
Client Matrix: Solid Date Received: 03/26/2007 1300

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Volatile Solids	4.0		%	0.010	0.010	1.0	160.4
	Anly Batch: 580-17136	Date Analyzed	03/29/2007 1809				
Percent Solids	81		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17220	Date Analyzed	04/03/2007 0727				

Client Sample ID: PND07-2B

Lab Sample ID: 580-5407-3 Date Sampled: 03/24/2007 1126
Client Matrix: Solid Date Received: 03/26/2007 1300

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Volatile Solids	0.66		%	0.010	0.010	1.0	160.4
	Anly Batch: 580-17136	Date Analyzed	03/29/2007 1809				
Percent Solids	82		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17220	Date Analyzed	04/03/2007 0727				

Client Sample ID: PND07-2C

Lab Sample ID: 580-5407-4 Date Sampled: 03/24/2007 1140
Client Matrix: Solid Date Received: 03/26/2007 1300

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Volatile Solids	1.6		%	0.010	0.010	1.0	160.4
	Anly Batch: 580-17136	Date Analyzed	03/29/2007 1809				
Percent Solids	82		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17220	Date Analyzed	04/03/2007 0727				

General Chemistry

Client Sample ID: PND-1

Lab Sample ID: 580-5407-5 Date Sampled: 03/24/2007 1141
Client Matrix: Solid Date Received: 03/26/2007 1300

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	56		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17259	Date Analyzed	04/03/2007 1554				

Client Sample ID: PND-3

Lab Sample ID: 580-5407-6 Date Sampled: 03/24/2007 1142
Client Matrix: Solid Date Received: 03/26/2007 1300

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Total Volatile Solids	3.7		%	0.010	0.010	1.0	160.4
	Anly Batch: 580-17136	Date Analyzed	03/29/2007 1809				
Percent Solids	68		%	0.10	0.10	1.0	PercentMoisture
	Anly Batch: 580-17259	Date Analyzed	04/03/2007 1554				

Client: PND Engineers, Inc. Job Number: 580-5407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 580-17166					
LCS 580-17166/4-AA	Lab Control Spike	T	Solid	5035	
LCSD 580-17166/5-AA	Lab Control Spike Duplicate	T	Solid	5035	
MB 580-17166/1-AA	Method Blank	T	Solid	5035	
580-5407-1	Trip Blank	T	Solid	5035	
580-5407-2	PND07-2A	T	Solid	5035	
580-5407-3	PND07-2B	T	Solid	5035	
580-5407-4	PND07-2C	T	Solid	5035	
Analysis Batch:580-17209					
LCS 580-17166/4-AA	Lab Control Spike	T	Solid	8260B	580-17166
LCSD 580-17166/5-AA	Lab Control Spike Duplicate	T	Solid	8260B	580-17166
MB 580-17166/1-AA	Method Blank	T	Solid	8260B	580-17166
580-5407-1	Trip Blank	T	Solid	8260B	580-17166
580-5407-2	PND07-2A	T	Solid	8260B	580-17166
580-5407-3	PND07-2B	T	Solid	8260B	580-17166
580-5407-4	PND07-2C	T	Solid	8260B	580-17166

Report Basis
T = Total

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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	
580-5407-5	PND-1	T	Solid	3550B	
580-5407-6	PND-3	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
580-5407-5	PND-1	T	Solid	8270C	580-17263
580-5407-6	PND-3	T	Solid	8270C	580-17263

Report Basis
T = Total

Client: PND Engineers, Inc. Job Number: 580-5407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 580-17166					
LCS 580-17166/2-AA	Lab Control Spike	T	Solid	5035	
LCSD 580-17166/3-AA	Lab Control Spike Duplicate	T	Solid	5035	
MB 580-17166/1-AA	Method Blank	T	Solid	5035	
580-5407-1	Trip Blank	T	Solid	5035	
580-5407-2	PND07-2A	T	Solid	5035	
580-5407-3	PND07-2B	T	Solid	5035	
580-5407-4	PND07-2C	T	Solid	5035	
Analysis Batch:580-17218					
LCS 580-17166/2-AA	Lab Control Spike	T	Solid	AK101	580-17166
LCSD 580-17166/3-AA	Lab Control Spike Duplicate	T	Solid	AK101	580-17166
MB 580-17166/1-AA	Method Blank	T	Solid	AK101	580-17166
580-5407-1	Trip Blank	T	Solid	AK101	580-17166
580-5407-2	PND07-2A	T	Solid	AK101	580-17166
580-5407-3	PND07-2B	T	Solid	AK101	580-17166
580-5407-4	PND07-2C	T	Solid	AK101	580-17166

Report Basis
T = Total

Client: PND Engineers, Inc. Job Number: 580-5407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 580-17265					
LCS 580-17265/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 580-17265/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 580-17265/1-AA	Method Blank	T	Solid	3550B	
580-5407-5	PND-1	T	Solid	3550B	
580-5407-6	PND-3	T	Solid	3550B	
580-5407-6MS	Matrix Spike	T	Solid	3550B	
580-5407-6MSD	Matrix Spike Duplicate	T	Solid	3550B	
Prep Batch: 580-17266					
LCS 580-17266/2-AA	Lab Control Spike	T	Solid	3550B	
LCSD 580-17266/3-AA	Lab Control Spike Duplicate	T	Solid	3550B	
MB 580-17266/1-AA	Method Blank	T	Solid	3550B	
580-5407-5	PND-1	T	Solid	3550B	
580-5407-6	PND-3	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	
580-5407-5	PND-1	T	Solid	3550B	
580-5407-6	PND-3	T	Solid	3550B	
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
580-5407-5	PND-1	T	Solid	AK102 & 103	580-17271
580-5407-6	PND-3	T	Solid	AK102 & 103	580-17271
Analysis Batch:580-17365					
LCS 580-17265/2-AA	Lab Control Spike	T	Solid	8082	580-17265
LCSD 580-17265/3-AA	Lab Control Spike Duplicate	T	Solid	8082	580-17265
MB 580-17265/1-AA	Method Blank	T	Solid	8082	580-17265
580-5407-5	PND-1	T	Solid	8082	580-17265
580-5407-6	PND-3	T	Solid	8082	580-17265
580-5407-6MS	Matrix Spike	T	Solid	8082	580-17265
580-5407-6MSD	Matrix Spike Duplicate	T	Solid	8082	580-17265
Analysis Batch:580-17503					
LCS 580-17266/2-AA	Lab Control Spike	T	Solid	8081A	580-17266
LCSD 580-17266/3-AA	Lab Control Spike Duplicate	T	Solid	8081A	580-17266
MB 580-17266/1-AA	Method Blank	T	Solid	8081A	580-17266
580-5407-5	PND-1	T	Solid	8081A	580-17266
580-5407-6	PND-3	T	Solid	8081A	580-17266

Client: PND Engineers, Inc. Job Number: 580-5407-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
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	
580-5407-5	PND-1	T	Solid	7471A	
580-5407-6	PND-3	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
580-5407-5	PND-1	T	Solid	7471A	580-17255
580-5407-6	PND-3	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	
580-5407-5	PND-1	T	Solid	3050B	
580-5407-6	PND-3	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
580-5407-5	PND-1	T	Solid	6010B	580-17358
580-5407-6	PND-3	T	Solid	6010B	580-17358

Report Basis
T = Total

Client: PND Engineers, Inc. Job Number: 580-5407-1

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	
580-5407-2	PND07-2A	T	Solid	160.4	
580-5407-3	PND07-2B	T	Solid	160.4	
580-5407-4	PND07-2C	T	Solid	160.4	
580-5407-5	PND-1	T	Solid	160.4	
580-5407-6	PND-3	T	Solid	160.4	
580-5407-6DU	Duplicate	T	Solid	160.4	
Analysis Batch:580-17220					
580-5407-2	PND07-2A	T	Solid	PercentMoisture	
580-5407-3	PND07-2B	T	Solid	PercentMoisture	
580-5407-4	PND07-2C	T	Solid	PercentMoisture	
Analysis Batch:580-17259					
580-5407-5	PND-1	T	Solid	PercentMoisture	
580-5407-6	PND-3	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: PND Engineers, Inc. Job Number: 580-5407-1

Method Blank - Batch: 580-17166

Method: 8260B
Preparation: 5035

Lab Sample ID: MB 580-17166/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0346
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17209
Prep Batch: 580-17166
Units: ug/Kg

Instrument ID: SEA041
Lab File ID: ar0006043.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	102	75 - 125
4-Bromofluorobenzene (Surr)	111	75 - 125
Trifluorotoluene (Surr)	120	75 - 125

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17166

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 580-17166/4-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0239
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17209
Prep Batch: 580-17166
Units: ug/Kg

Instrument ID: SEA041
Lab File ID: ar0006040.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL

LCSD Lab Sample ID: LCSD 580-17166/5-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0302
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17209
Prep Batch: 580-17166
Units: ug/Kg

Instrument ID: SEA041
Lab File ID: ar0006041.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	109	109	75 - 125	0	22		
Toluene	116	115	70 - 125	1	21		
Ethylbenzene	109	112	75 - 125	2	20		
m-Xylene & p-Xylene	118	119	80 - 125	1	20		
o-Xylene	113	116	75 - 125	2	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Fluorobenzene (Surr)	100	100	75 - 125
Toluene-d8 (Surr)	102	104	75 - 125
Ethylbenzene-d10	102	105	75 - 125
4-Bromofluorobenzene (Surr)	110	114	75 - 125
Trifluorotoluene (Surr)	115	117	75 - 125

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17166

Method: 8260B
Preparation: 5035

LCS Lab Sample ID: LCS 580-17166/4-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0239
Date Prepared: 03/30/2007 1336

Units: ug/Kg

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0302
Date Prepared: 03/30/2007 1336

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Benzene	200	200	217	218
Toluene	200	200	232	230
Ethylbenzene	200	200	218	223
m-Xylene & p-Xylene	400	400	470	474
o-Xylene	200	200	227	232

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

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: 580-5407-1

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: 580-5407-1

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: 580-5407-1

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: 580-5407-1

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: 580-5407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-17263

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-5453-C-9-L MS	Analysis Batch: 580-17369	Instrument ID: SEA040
Client Matrix:	Solid	Prep Batch: 580-17263	Lab File ID: ak008796.D
Dilution:	1.0		Initial Weight/Volume: 20.6315 g
Date Analyzed:	04/05/2007 0325		Final Weight/Volume: 2 mL
Date Prepared:	04/04/2007 0636		Injection Volume:

MSD Lab Sample ID:	580-5453-C-9-M MSD	Analysis Batch: 580-17369	Instrument ID: SEA040
Client Matrix:	Solid	Prep Batch: 580-17263	Lab File ID: ak008797.D
Dilution:	1.0		Initial Weight/Volume: 20.9095 g
Date Analyzed:	04/05/2007 0353		Final Weight/Volume: 2 mL
Date Prepared:	04/04/2007 0636		Injection Volume:

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	77	75	63 - 128	4	28		
1,2-Dichlorobenzene	65	61	68 - 118	7	60	F	F
1,3-Dichlorobenzene	61	56	64 - 124	10	60	F	F
1,4-Dichlorobenzene	63	59	62 - 132	8	32		F
2,4-Dimethylphenol	86	86	58 - 133	1	60		
2-Methylnaphthalene	83	82	65 - 125	3	27		
2-Methylphenol	82	83	56 - 121	0	25		
3 & 4 Methylphenol	87	88	61 - 126	1	27		
Acenaphthene	89	89	65 - 130	2	27		
Acenaphthylene	80	81	69 - 129	0	28		
Anthracene	96	95	73 - 123	2	27		
Benzo[a]anthracene	97	94	64 - 124	5	27		
Benzo[a]pyrene	96	98	68 - 128	0	30		
Benzo[g,h,i]perylene	89	101	57 - 142	11	28		
Benzofluoranthene	86	81	57 - 137	7	31		
Benzoic acid	56	66	10 - 130	15	60	J	J
Benzyl alcohol	86	85	42 - 147	2	60		
Bis(2-ethylhexyl) phthalate	86	77	64 - 144	6	60	J	J
Butyl benzyl phthalate	111	99	65 - 140	13	60		
Chrysene	97	93	71 - 126	5	26		
Dibenz(a,h)anthracene	64	97	57 - 142	41	30		F
Dibenzofuran	89	89	70 - 125	0	60		
Diethyl phthalate	87	88	64 - 129	0	26		
Dimethyl phthalate	91	91	65 - 125	1	60		
Di-n-butyl phthalate	86	82	69 - 124	5	60		
Di-n-octyl phthalate	143	122	58 - 148	17	31		
Fluoranthene	104	100	61 - 121	5	36		
Fluorene	95	96	68 - 128	1	31		
Hexachlorobenzene	95	92	61 - 136	4	60		
Hexachlorobutadiene	73	70	59 - 134	6	60		

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-17263

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	580-5453-C-9-L MS	Analysis Batch: 580-17369	Instrument ID: SEA040
Client Matrix:	Solid	Prep Batch: 580-17263	Lab File ID: ak008796.D
Dilution:	1.0		Initial Weight/Volume: 20.6315 g
Date Analyzed:	04/05/2007 0325		Final Weight/Volume: 2 mL
Date Prepared:	04/04/2007 0636		Injection Volume:

MSD Lab Sample ID:	580-5453-C-9-M MSD	Analysis Batch: 580-17369	Instrument ID: SEA040
Client Matrix:	Solid	Prep Batch: 580-17263	Lab File ID: ak008797.D
Dilution:	1.0		Initial Weight/Volume: 20.9095 g
Date Analyzed:	04/05/2007 0353		Final Weight/Volume: 2 mL
Date Prepared:	04/04/2007 0636		Injection Volume:

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Hexachloroethane	50	45	56 - 131	14	60	F	F
Indeno[1,2,3-cd]pyrene	62	75	59 - 139	18	29		
N-Nitrosodiphenylamine	89	88	88 - 153	3	60		
Pentachlorophenol	84	82	29 - 124	3	68		
Phenanthrene	101	95	65 - 125	7	28		
Phenol	88	87	66 - 126	2	26		
Pyrene	104	101	54 - 134	4	31		
Naphthalene	80	78	64 - 129	3	26		

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
2-Fluorobiphenyl	33	X	38	X	42 - 140
2-Fluorophenol	67		70		36 - 145
2,4,6-Tribromophenol	50		50		28 - 143
Nitrobenzene-d5	53		54		38 - 141
Phenol-d5	68		71		38 - 149
Terphenyl-d14	58		63		42 - 151

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 580-17263

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 580-5453-C-9-L MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0325
Date Prepared: 04/04/2007 0636

MSD Lab Sample ID: 580-5453-C-9-M MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0353
Date Prepared: 04/04/2007 0636

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2,4-Trichlorobenzene	ND		73.9	72.9	56.9		54.7	
1,2-Dichlorobenzene	ND		73.9	72.9	47.9	F	44.6	F
1,3-Dichlorobenzene	ND		73.9	72.9	45.2	F	41.1	F
1,4-Dichlorobenzene	ND		73.9	72.9	46.6		42.8	F
2,4-Dimethylphenol	ND		73.9	72.9	63.4		62.7	
2-Methylnaphthalene	ND		73.9	72.9	61.3		59.6	
2-Methylphenol	ND		73.9	72.9	60.5		60.5	
3 & 4 Methylphenol	ND		73.9	72.9	64.5		63.9	
Acenaphthene	ND		73.9	72.9	65.8		64.8	
Acenaphthylene	ND		73.9	72.9	58.9		59.0	
Anthracene	ND		73.9	72.9	70.7		69.4	
Benzo[a]anthracene	1.7	J	73.9	72.9	73.3		69.9	
Benzo[a]pyrene	ND		73.9	72.9	71.2		71.2	
Benzo[g,h,i]perylene	ND		73.9	72.9	65.8		73.3	
Benzofluoranthene	6.2		148	146	134		125	
Benzoic acid	ND		369	364	207	J	241	J
Benzyl alcohol	ND		73.9	72.9	63.6		62.1	
Bis(2-ethylhexyl) phthalate	80	J	73.9	72.9	144	J	136	J
Butyl benzyl phthalate	ND		73.9	72.9	81.9		72.1	
Chrysene	2.0	J	73.9	72.9	73.3		69.5	
Dibenz(a,h)anthracene	ND		73.9	72.9	46.9		70.8	F
Dibenzofuran	ND		73.9	72.9	65.4		65.1	
Diethyl phthalate	2.2	J	73.9	72.9	66.8		66.6	
Dimethyl phthalate	ND		73.9	72.9	67.5		66.5	
Di-n-butyl phthalate	5.8	J	73.9	72.9	69.3		65.9	
Di-n-octyl phthalate	ND		73.9	72.9	106		89.0	
Fluoranthene	2.4	J	73.9	72.9	78.9		75.4	
Fluorene	ND		73.9	72.9	70.1		69.6	
Hexachlorobenzene	ND		73.9	72.9	69.9		67.0	
Hexachlorobutadiene	ND		73.9	72.9	53.9		50.8	
Hexachloroethane	ND		73.9	72.9	37.2	F	32.4	F
Indeno[1,2,3-cd]pyrene	ND		73.9	72.9	45.7		55.0	
N-Nitrosodiphenylamine	ND		73.9	72.9	65.8		63.9	
Pentachlorophenol	ND		73.9	72.9	61.7		59.6	
Phenanthrene	0.71	J	73.9	72.9	75.2		70.3	
Phenol	ND		73.9	72.9	64.8		63.4	
Pyrene	2.2	J	73.9	72.9	79.1		75.8	
Naphthalene	ND		73.9	72.9	58.8		56.8	

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Method Blank - Batch: 580-17166

Method: AK101
Preparation: 5035

Lab Sample ID: MB 580-17166/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0346
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17218
Prep Batch: 580-17166
Units: mg/Kg

Instrument ID: SEA041
Lab File ID: gx0006043.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)	106	60 - 120
4-Bromofluorobenzene (Surr)	96	60 - 120
Ethylbenzene-d10	103	60 - 120
Fluorobenzene (Surr)	94	60 - 120
Toluene-d8 (Surr)	108	60 - 120

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17166

Method: AK101
Preparation: 5035

LCS Lab Sample ID: LCS 580-17166/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0155
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17218
Prep Batch: 580-17166
Units: mg/Kg

Instrument ID: SEA041
Lab File ID: gx0006038.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 400 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-17166/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0217
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17218
Prep Batch: 580-17166
Units: mg/Kg

Instrument ID: SEA041
Lab File ID: gx0006039.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	103	106	60 - 120	3	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	106	111	60 - 120
4-Bromofluorobenzene (Surr)	102	104	60 - 120
Ethylbenzene-d10	101	103	60 - 120
Fluorobenzene (Surr)	100	103	60 - 120
Toluene-d8 (Surr)	100	103	60 - 120

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17166

Method: AK101
Preparation: 5035

LCS Lab Sample ID: LCS 580-17166/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0155
Date Prepared: 03/30/2007 1336

Units: mg/Kg

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 0217
Date Prepared: 03/30/2007 1336

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Gasoline Range Organics (GRO)-C6-C10	44.0	44.0	45.1	46.6

Matrix Spike - Batch: 580-17166

Method: AK101
Preparation: 5035

Lab Sample ID: 580-5402-C-20-C MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 03/31/2007 1159
Date Prepared: 03/30/2007 1336

Analysis Batch: 580-17218
Prep Batch: 580-17166
Units: mg/Kg

Instrument ID: SEA041
Lab File ID: gx0006065.D
Initial Weight/Volume: 10.734 g
Final Weight/Volume: 400 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	ND	46.5	40.7	87	50 - 150	

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Method Blank - Batch: 580-17266

Method: 8081A
Preparation: 3550B

Lab Sample ID: MB 580-17266/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 1246
Date Prepared: 04/04/2007 0728

Analysis Batch: 580-17503
Prep Batch: 580-17266
Units: ug/Kg

Instrument ID: SEA035
Lab File ID: ECD23935.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	97	49 - 123
DCB Decachlorobiphenyl	100	40 - 158

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17266

Method: 8081A
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17266/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 1306
Date Prepared: 04/04/2007 0728

Analysis Batch: 580-17503
Prep Batch: 580-17266
Units: ug/Kg

Instrument ID: SEA035
Lab File ID: ECD23936.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-17266/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/04/2007 1325
Date Prepared: 04/04/2007 0728

Analysis Batch: 580-17503
Prep Batch: 580-17266
Units: ug/Kg

Instrument ID: SEA035
Lab File ID: ECD23937.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	100	103	53 - 126	4	24		
gamma-BHC (Lindane)	97	101	50 - 127	1	29		
4,4'-DDD	103	105	44 - 141	5	41		
4,4'-DDE	104	106	47 - 140	3	40		
4,4'-DDT	106	108	34 - 159	2	47		
Dieldrin	102	104	53 - 134	7	32		
Heptachlor	101	103	50 - 130	8	31		
alpha-Chlordane	99	100	46 - 118	4	33		
Hexachlorobenzene	92	95	10 - 188	27	37		
Hexachlorobutadiene	83	88	37 - 119	2	39		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	101	98	49 - 123
DCB Decachlorobiphenyl	102	100	40 - 158

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17266

Method: 8081A
Preparation: 3550B

LCS Lab Sample ID:	LCS 580-17266/2-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 1306		Date Analyzed:	04/04/2007 1325	
Date Prepared:	04/04/2007 0728		Date Prepared:	04/04/2007 0728	

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	20.0	20.0	20.1	20.6
gamma-BHC (Lindane)	20.0	20.0	19.4	20.1
4,4'-DDD	20.0	20.0	20.5	20.9
4,4'-DDE	20.0	20.0	20.8	21.1
4,4'-DDT	20.0	20.0	21.3	21.5
Dieldrin	20.0	20.0	20.4	20.8
Heptachlor	20.0	20.0	20.2	20.6
alpha-Chlordane	20.0	20.0	19.7	20.1
Hexachlorobenzene	20.0	20.0	18.4	19.0
Hexachlorobutadiene	20.0	20.0	16.6	17.7

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Method Blank - Batch: 580-17265

Method: 8082
Preparation: 3550B

Lab Sample ID: MB 580-17265/1-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0836
Date Prepared: 04/04/2007 0725

Analysis Batch: 580-17365
Prep Batch: 580-17265
Units: ug/Kg

Instrument ID: SEA034
Lab File ID: PCB7032.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	90	45 - 155
DCB Decachlorobiphenyl	102	50 - 150

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 580-17265

Method: 8082
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17265/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0859
Date Prepared: 04/04/2007 0725

Analysis Batch: 580-17365
Prep Batch: 580-17265
Units: ug/Kg

Instrument ID: SEA034
Lab File ID: PCB7033.D
Initial Weight/Volume: 10 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 580-17265/3-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0923
Date Prepared: 04/04/2007 0725

Analysis Batch: 580-17365
Prep Batch: 580-17265
Units: ug/Kg

Instrument ID: SEA034
Lab File ID: PCB7034.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	92	91	57 - 128	3	8		
PCB-1260	107	109	65 - 132	15	8		*

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	94	93	45 - 155
DCB Decachlorobiphenyl	110	107	50 - 150

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 580-17265

Method: 8082
Preparation: 3550B

LCS Lab Sample ID: LCS 580-17265/2-AA
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0859
Date Prepared: 04/04/2007 0725

Units: ug/Kg

LCSD Lab Sample ID: LCSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/05/2007 0923
Date Prepared: 04/04/2007 0725

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	100	100	92.1	90.5
PCB-1260	100	100	107	109 *

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-17265

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-5407-6	Analysis Batch:	580-17365	Instrument ID:	SEA034
Client Matrix:	Solid	Prep Batch:	580-17265	Lab File ID:	PCB7044.D
Dilution:	1.0			Initial Weight/Volume:	10.1328 g
Date Analyzed:	04/05/2007 1319			Final Weight/Volume:	10 mL
Date Prepared:	04/04/2007 0725			Injection Volume:	
				Column ID:	PRIMARY

MSD Lab Sample ID:	580-5407-6	Analysis Batch:	580-17365	Instrument ID:	SEA034
Client Matrix:	Solid	Prep Batch:	580-17265	Lab File ID:	PCB7045.D
Dilution:	1.0			Initial Weight/Volume:	10.2672 g
Date Analyzed:	04/05/2007 1343			Final Weight/Volume:	10 mL
Date Prepared:	04/04/2007 0725			Injection Volume:	
				Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
PCB-1016	93	89	57 - 128	10	8		F
PCB-1260	104	100	65 - 132	19	8		F

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	81	77	45 - 155
DCB Decachlorobiphenyl	98	93	50 - 150

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 580-17265

Method: 8082
Preparation: 3550B

MS Lab Sample ID:	580-5407-6	Units:	ug/Kg	MSD Lab Sample ID:	580-5407-6
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Date Analyzed:	04/05/2007 1319			Date Analyzed:	04/05/2007 1343
Date Prepared:	04/04/2007 0725			Date Prepared:	04/04/2007 0725

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
PCB-1016	ND	145	143	134	128	F
PCB-1260	ND	145	143	150	143	F

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

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: 580-5407-1

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-A-14-F MS	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-A-14-G MSD	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: 580-5407-1

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

Method: AK102 & 103
Preparation: 3550B

MS Lab Sample ID:	580-5404-A-14-F MS	Units: mg/Kg	MSD Lab Sample ID: 580-5404-A-14-G
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: 580-5407-1

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
Antimony	ND		0.29	2.5
Arsenic	ND		0.13	2.5
Cadmium	ND		0.026	0.25
Copper	0.23	J	0.11	0.50
Lead	0.18	J	0.12	0.75
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
Antimony	98	100	80 - 120	2	35		
Arsenic	101	105	80 - 120	4	35		
Cadmium	102	105	80 - 120	3	35		
Copper	111	108	80 - 120	2	35		
Lead	104	107	80 - 120	3	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: 580-5407-1

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
Antimony	150	150	147	150
Arsenic	200	200	202	210
Cadmium	5.00	5.00	5.09	5.24
Copper	25.0	25.0	27.7	27.1
Lead	50.0	50.0	52.0	53.5
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: 580-5407-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-17358

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	580-5372-A-3-H MS	Analysis Batch:	580-17404	Instrument ID:	SEA027
Client Matrix:	Solid	Prep Batch:	580-17358	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.3545 g
Date Analyzed:	04/06/2007 1330			Final Weight/Volume:	50 mL
Date Prepared:	04/05/2007 1541				

MSD Lab Sample ID:	580-5372-A-3-I MSD	Analysis Batch:	580-17404	Instrument ID:	SEA027
Client Matrix:	Solid	Prep Batch:	580-17358	Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	1.1391 g
Date Analyzed:	04/06/2007 1333			Final Weight/Volume:	50 mL
Date Prepared:	04/05/2007 1541				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Antimony	90	95	75 - 125	22	35		
Arsenic	102	108	75 - 125	22	35		
Cadmium	94	99	75 - 125	22	35		
Copper	116	406	75 - 125	47	35	4	F
Lead	93	105	75 - 125	17	35		
Nickel	94	104	75 - 125	20	35		
Silver	103	106	75 - 125	21	35		
Zinc	109	134	75 - 125	13	35		F

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 580-17358

Method: 6010B
Preparation: 3050B

MS Lab Sample ID: 580-5372-A-3-H MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1330
Date Prepared: 04/05/2007 1541

Units: mg/Kg

MSD Lab Sample ID: 580-5372-A-3-I MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1333
Date Prepared: 04/05/2007 1541

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Antimony	0.93	J	185	220	167		209	
Arsenic	11		247	293	262		327	
Cadmium	0.16	J	6.16	7.33	5.95		7.44	
Copper	150		30.8	36.6	182	4	294	F
Lead	50		61.6	73.3	108		127	
Nickel	29		61.6	73.3	86.9		106	
Silver	ND		37.0	44.0	38.0		46.7	
Zinc	150		61.6	73.3	218		248	F

Matrix Duplicate - Batch: 580-17358

Method: 6010B
Preparation: 3050B

Lab Sample ID: 580-5372-A-3-G DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/06/2007 1326
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: 1.1918 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Antimony	0.93	J	1.14	20	35	J
Arsenic	11		13.2	18	35	
Cadmium	0.16	J	0.228	33	35	J
Copper	150		860	142	35	F
Lead	50		54.5	8	35	
Nickel	29		31.0	6	35	
Silver	ND		0.0981	NC	35	J
Zinc	150		263	54	35	F

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

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

Analyte	% Rec. LCS	% Rec. 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: 580-5407-1

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

Method: 7471A
Preparation: 7471A

LCS Lab Sample ID: LCS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1548
Date Prepared: 04/03/2007 1350

Units: mg/Kg

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

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 580-17255

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 580-5372-B-3-D MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1632
Date Prepared: 04/03/2007 1350

Analysis Batch: 580-17324
Prep Batch: 580-17255

Instrument ID: SEA029
Lab File ID: N/A
Initial Weight/Volume: 0.5861 g
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 580-5372-B-3-E MSD
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1637
Date Prepared: 04/03/2007 1350

Analysis Batch: 580-17324
Prep Batch: 580-17255

Instrument ID: SEA029
Lab File ID: N/A
Initial Weight/Volume: 0.5763 g
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	83	-108	75 - 125	42	35	4	4

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 580-17255

Method: 7471A
Preparation: 7471A

MS Lab Sample ID: 580-5372-B-3-D MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1632
Date Prepared: 04/03/2007 1350

Units: mg/Kg

MSD Lab Sample ID: 580-5372-B-3-E MS
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1637
Date Prepared: 04/03/2007 1350

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Mercury	1.3	0.285	0.290	1.58	4	1.03	4

Matrix Duplicate - Batch: 580-17255

Method: 7471A
Preparation: 7471A

Lab Sample ID: 580-5372-B-3-C DU
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 04/03/2007 1627
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: 0.5849 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	1.3	1.24	8	35	

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

Client: PND Engineers, Inc. Job Number: 580-5407-1

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

Matrix Duplicate - Batch: 580-17136

Method: 160.4
Preparation: N/A

Lab Sample ID: 580-5407-6
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	Sample Result/Qual	Result	RPD	Limit	Qual
Total Volatile Solids	3.7	3.69	1	20	

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

DATA REPORTING QUALIFIERS

Client: PND Engineers, Inc. Job Number: 580-5407-1

Lab Section	Qualifier	Description
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.
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.
	*	RPD of the LCS and LCSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate 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

3407

SEVERN TRENT STL®

Client: PND Engineers	Project Manager: Jennifer Ruberg	Date: 3/24/07	Chain of Custody Number: 22924
Address: 1506 W 36th Ave	Telephone Number (Area Code)/Fax Number: 907-561-1011	Lab Number:	Page 1 of 1
City: Anchorage / State: AK / Zip Code: 99503	Site Contact:	Lab Contact: Katie	
Project Name and Location (State): Old Douglas Harbor (OSH) 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	MeHg	GRO/BTEX	8260B	TVS	8270C	MetalsRSDA	Mercury	DRO/ERO	Pesticides	PCBs	Dry Wt	Special Instructions/ Conditions of Receipt
Trip Blank	N/A				X																			
PND07-2A	3/24/07	1103											X	X	X									
↓		1103					X									X							X	
PND07-2B		1126											X	X	X									
↓		1126					X									X							X	
PND07-2C		1140											X	X	X									
↓		1140					X									X							X	
PND-1		1141					X									X							X	XX
PND-3		1142					X									X							X	XX

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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 6 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

QC Requirements (Specify):

1. Relinquished By: [signature]	Date: 3/24/07	Time: 1237	1. Received By: [signature]	Date: 3/26/07	Time: 1300
2. Relinquished By:	Date:	Time:	2. Received By:	Date:	Time:
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments: Rush TVS, 5 day for GRO/BTEX/8260 Hold rest

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: 580-5407-1

Login Number: 5407

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 AROMATIC HYDROCARBONS DATA PACKAGE

SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006044.D
Acq On : 31 Mar 2007 4:09 am
Operator : frz
Sample : 580-5407-A-1-A
Misc : BT=Sea041033007b
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 02 08:05:46 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	1603902	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1838138	100.67	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	983913	115.51	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 115.51%			
4) Toluene-d8 (Surr)	7.579	98	1895870	104.57	ug/L	0.00
Spiked Amount 100.000			Recovery = 104.57%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2377538	104.78	ug/L	-0.01
Spiked Amount 100.000			Recovery = 104.78%			
6) 4-Bromofluorobenzene (...	9.985	174	598949	111.85	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 111.85%			

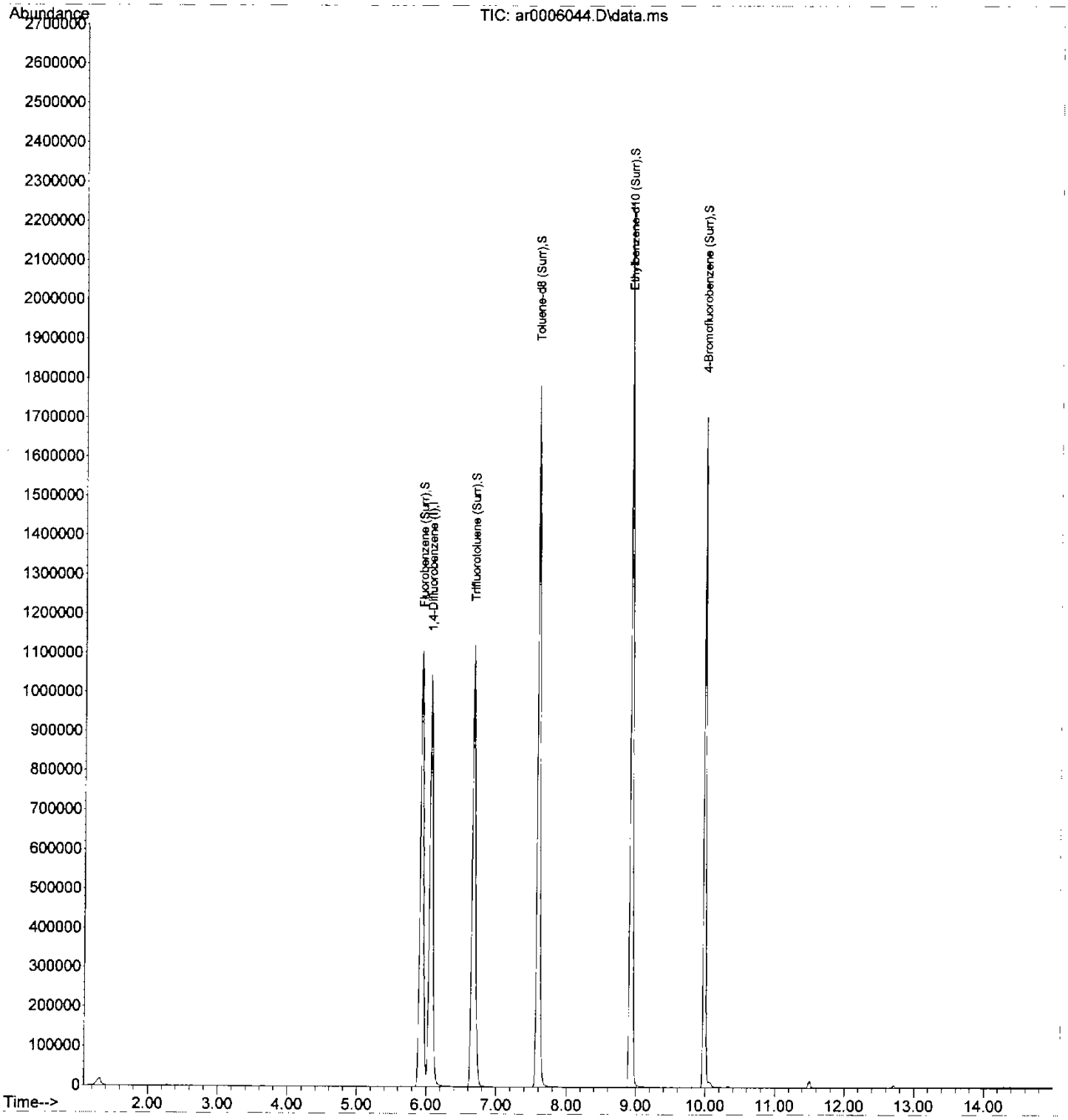
Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006044.D
Acq On : 31 Mar 2007 4:09 am
Operator : frz
Sample : 580-5407-A-1-A
Misc : BT=Sea041033007b
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Apr 02 08:05:46 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 File Name	ar0006044.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 4:09
Acq. Method File	GBTEX.M
Sample Name	580-5407-A-1-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)	1603902	1462074	110	pass

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006045.D
Acq On : 31 Mar 2007 4:31 am
Operator : frz
Sample : 580-5407-A-2-A
Misc : BT=Sea041033007b
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 02 08:05:47 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

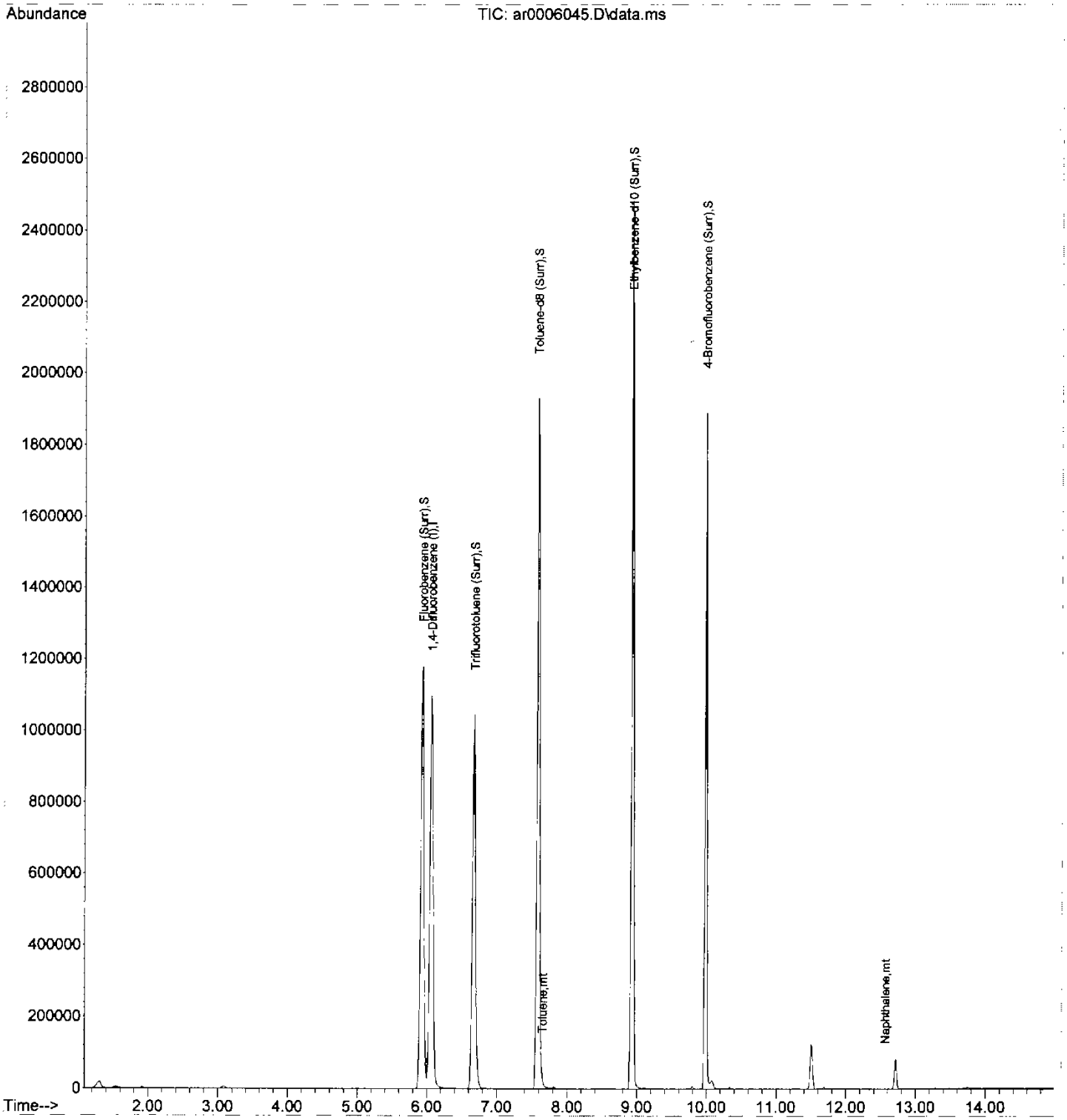
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1688979	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1927599	100.25	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	875843	97.64	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 97.64%			
4) Toluene-d8 (Surr)	7.579	98	1963975	102.87	ug/L	0.00
Spiked Amount 100.000			Recovery = 102.87%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2470373	103.39	ug/L	-0.01
Spiked Amount 100.000			Recovery = 103.39%			
6) 4-Bromofluorobenzene (...	9.986	174	645730	114.51	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 114.51%			
Target Compounds						Qvalue
12) Toluene	7.649	92	2091	0.17	ug/L	# 31
21) Naphthalene	12.560	128	212	0.20	ug/L	# 73

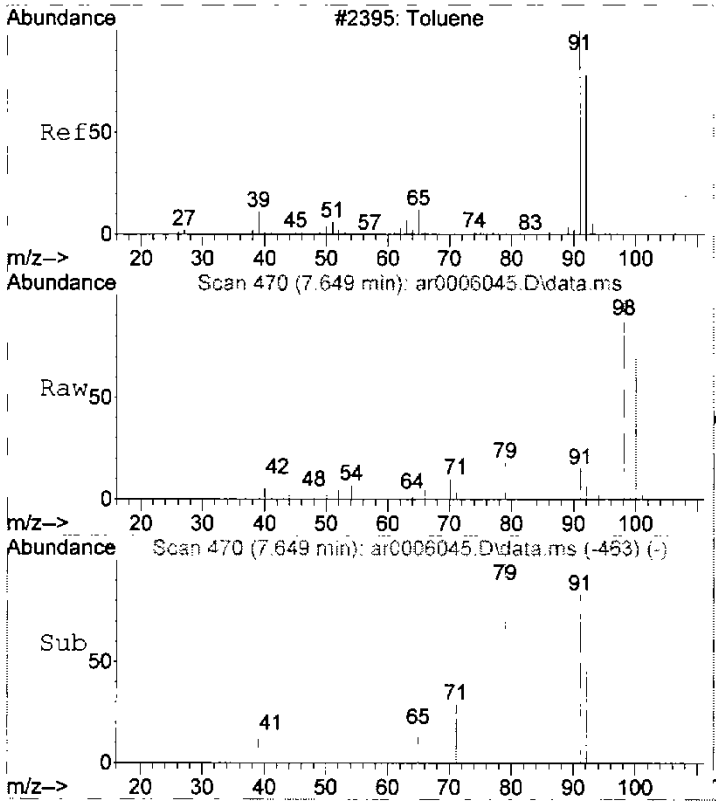
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006045.D
Acq On : 31 Mar 2007 4:31 am
Operator : frz
Sample : 580-5407-A-2-A
Misc : BT=Sea041033007b
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Apr 02 08:05:47 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

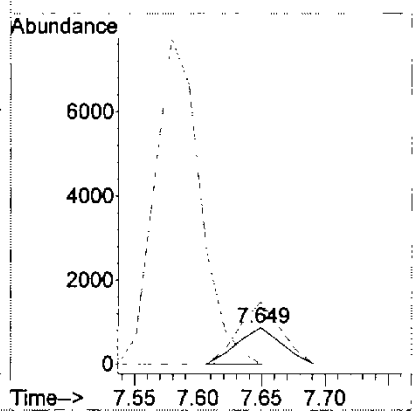


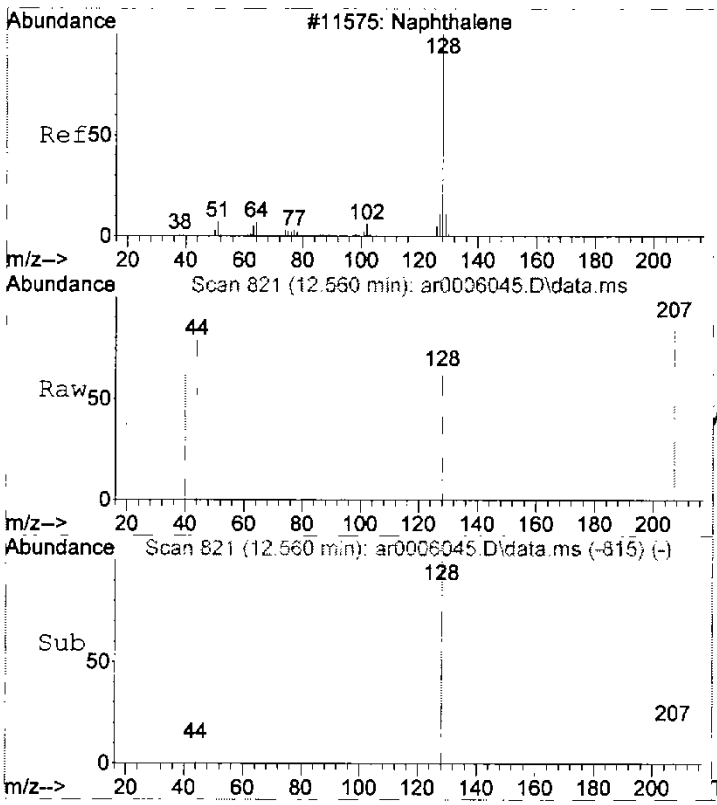


#12
Toluene
Concen: 0.17 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006045.D
Acq: 31 Mar 2007 4:31 am

Tgt Ion: 92 Resp: 2091

Ion	Ratio	Lower	Upper
92	100		
91	163.1	136.1	196.1
62	727.8	0.0	35.3#

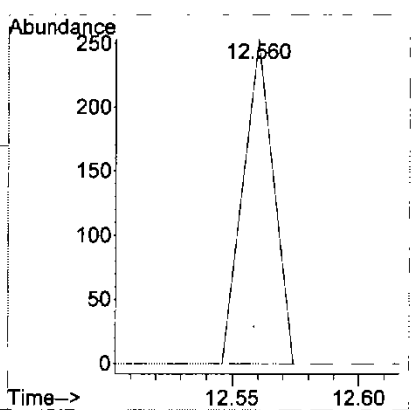




#21
Naphthalene
Concen: 0.20 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006045.D
Acq: 31 Mar 2007 4:31 am

Tgt Ion:128 Resp: 212

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



Data File Name	ar0006045.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 4:31
Acq. Method File	GBTEX.M
Sample Name	580-5407-A-2-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)	1688979	1462074	116	pass

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006046.D
Acq On : 31 Mar 2007 4:53 am
Operator : frz
Sample : 580-5407-A-3-A
Misc : BT=Sea041033007b
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Apr 02 08:05:48 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

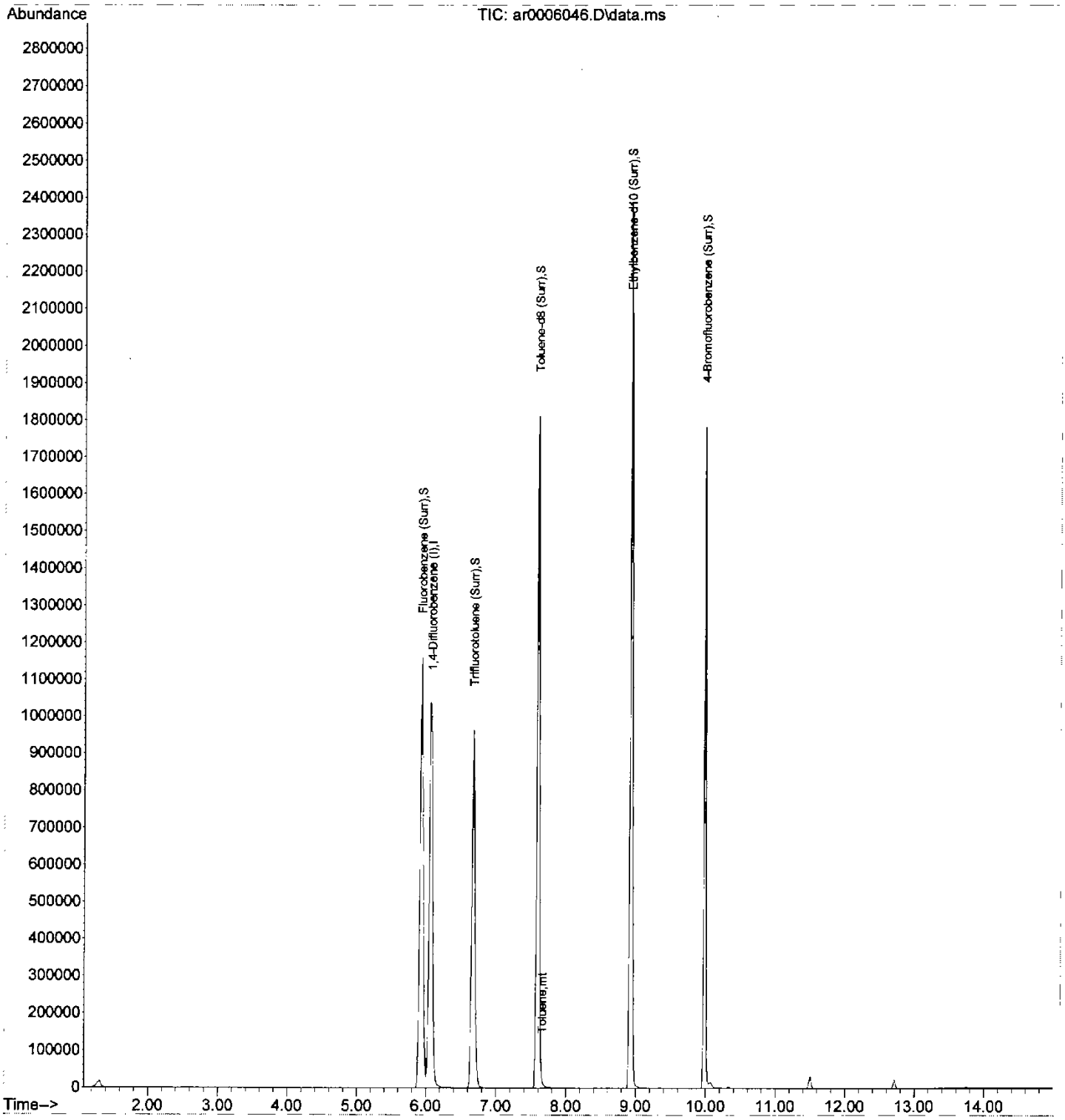
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1637647	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1879355	100.80	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	790919	90.94	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 90.94%			
4) Toluene-d8 (Surr)	7.593	98	1928201	104.16	ug/L	0.02
Spiked Amount 100.000			Recovery = 104.16%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2390765	103.19	ug/L	-0.01
Spiked Amount 100.000			Recovery = 103.19%			
6) 4-Bromofluorobenzene (...	9.986	174	603106	110.30	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.30%			
Target Compounds						Qvalue
12) Toluene	7.649	92	814	0.07	ug/L	# 83

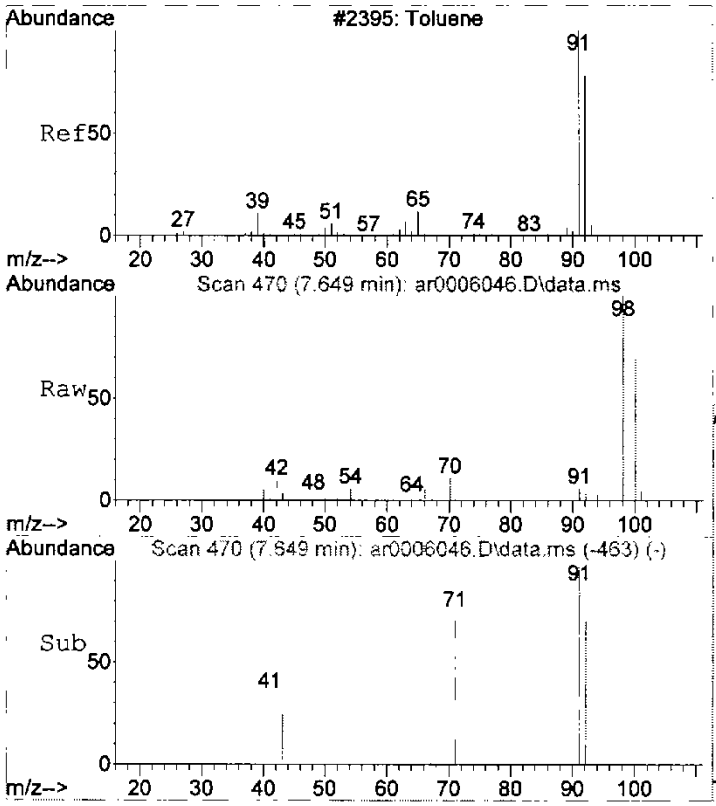
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006046.D
Acq On : 31 Mar 2007 4:53 am
Operator : frz
Sample : 580-5407-A-3-A
Misc : BT=Sea041033007b
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Apr 02 08:05:48 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

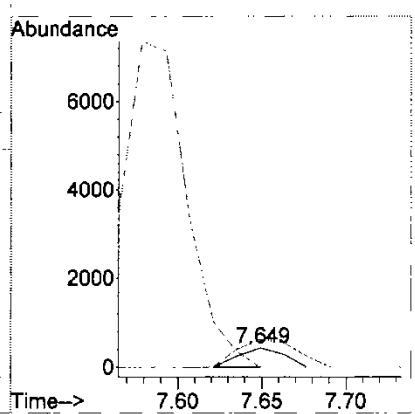




#12
Toluene
Concen: 0.07 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006046.D
Acq: 31 Mar 2007 4:53 am

Tgt Ion: 92 Resp: 814

Ion	Ratio	Lower	Upper
92	100		
91	188.5	136.1	196.1
62	0.0	0.0	35.3



Data File Name	ar0006046.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 4:53
Acq. Method File	GBTEX.M
Sample Name	580-5407-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)	1637647	1462074	112	pass

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006047.D
Acq On : 31 Mar 2007 5:16 am
Operator : frz
Sample : 580-5407-A-4-A
Misc : BT=Sea041033007b
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Apr 02 08:05:49 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

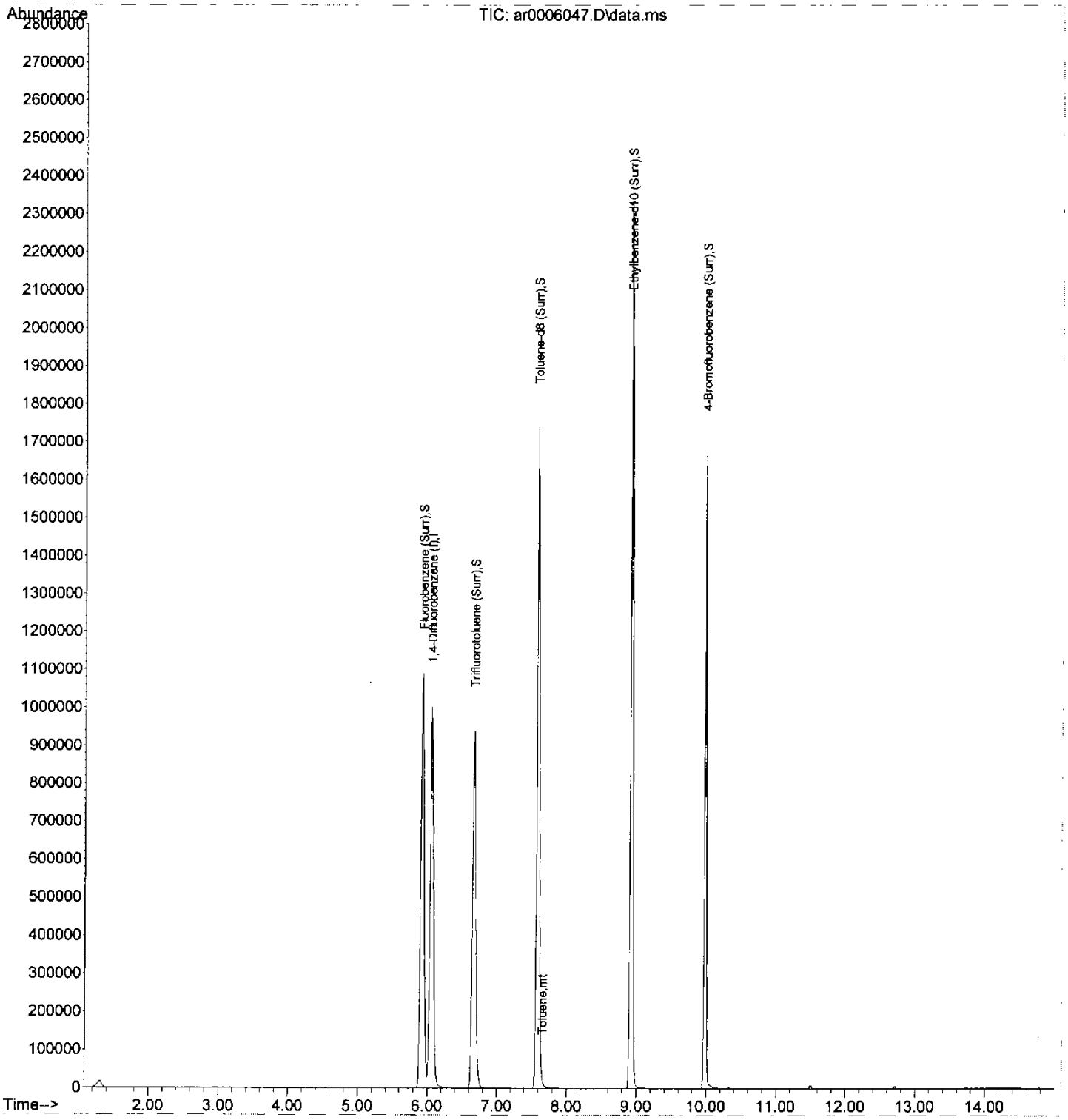
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1562477	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1797048	101.02	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	796921	96.04	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 96.04%			
4) Toluene-d8 (Surr)	7.579	98	1823068	103.22	ug/L	0.00
Spiked Amount 100.000			Recovery = 103.22%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2302744	104.18	ug/L	-0.01
Spiked Amount 100.000			Recovery = 104.18%			
6) 4-Bromofluorobenzene (...	9.986	174	570289	109.32	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 109.32%			
Target Compounds						Qvalue
12) Toluene	7.649	92	817	0.07	ug/L	# 1

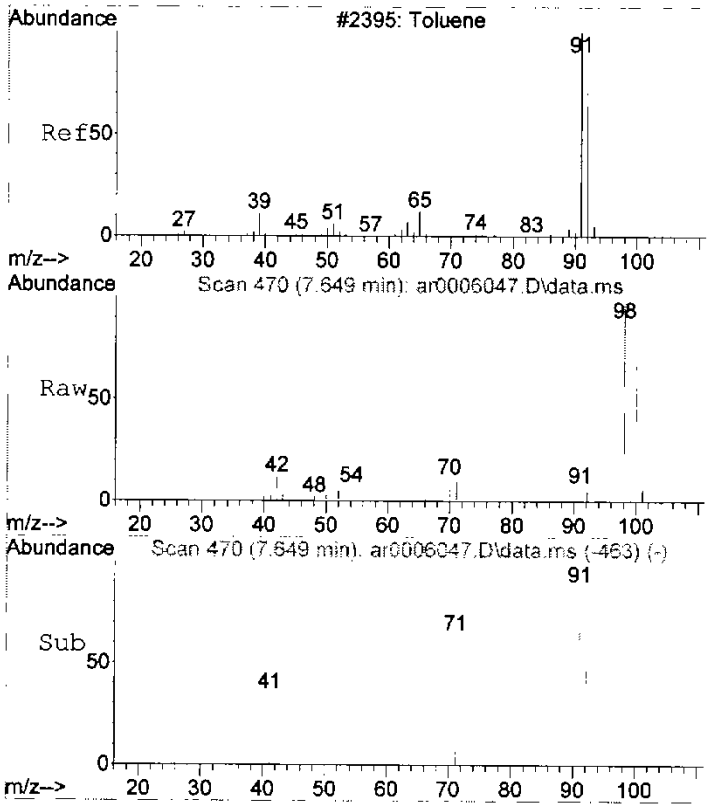
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006047.D
Acq On : 31 Mar 2007 5:16 am
Operator : frz
Sample : 580-5407-A-4-A
Misc : BT=Sea041033007b
ALS Vial : 51 Sample Multiplier: 1

Quant Time: Apr 02 08:05:49 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

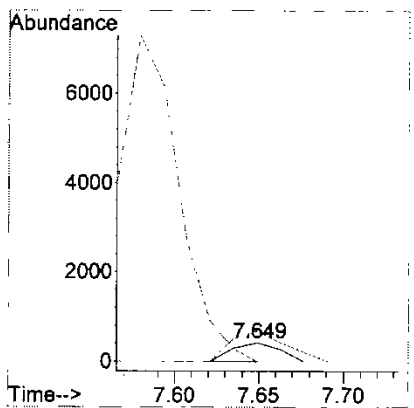




#12
Toluene
Concen: 0.07 ug/L
RT: 7.649 min Scan# 470
Delta R.T. 0.000 min
Lab File: ar0006047.D
Acq: 31 Mar 2007 5:16 am

Tgt Ion: 92 Resp: 817

Ion	Ratio	Lower	Upper
92	100		
91	185.4	136.1	196.1
62	1781.9	0.0	35.3#



Data File Name	ar0006047.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 5:16
Acq. Method File	GBTEX.M
Sample Name	580-5407-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)	1562477	1462074	107	pass

INITIAL CALIBRATION

Sequence Log

Directory : q:\2\data\03162007

1
3/22/2007

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

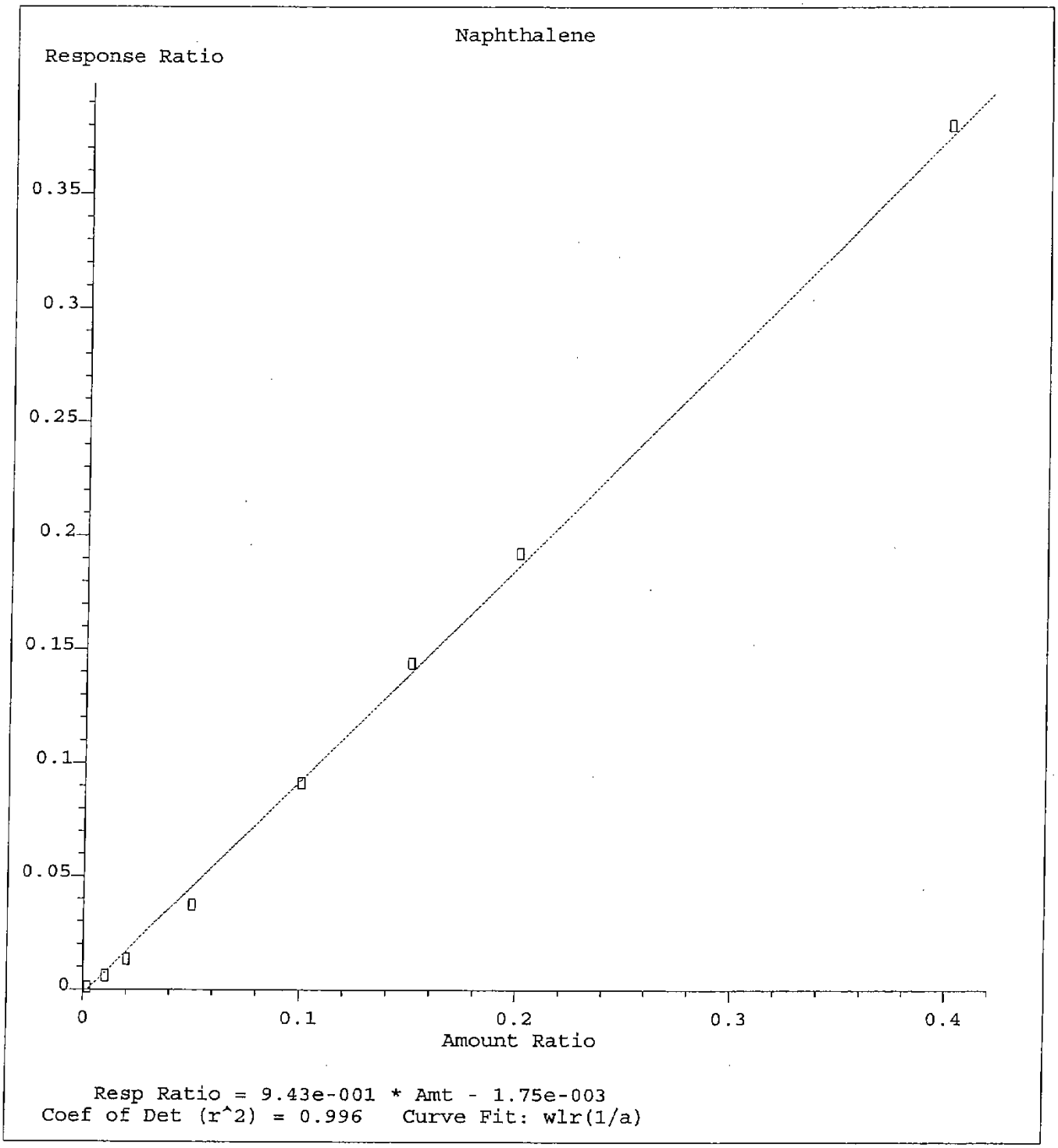
Method Path : E:\1\methods\
Method File : RBCA_03162007.M
Title : SEA041: RBCA plus by 8260B 01-26-2007
Last Update : Fri Mar 16 15:09:56 2007
Response Via : Initial Calibration

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

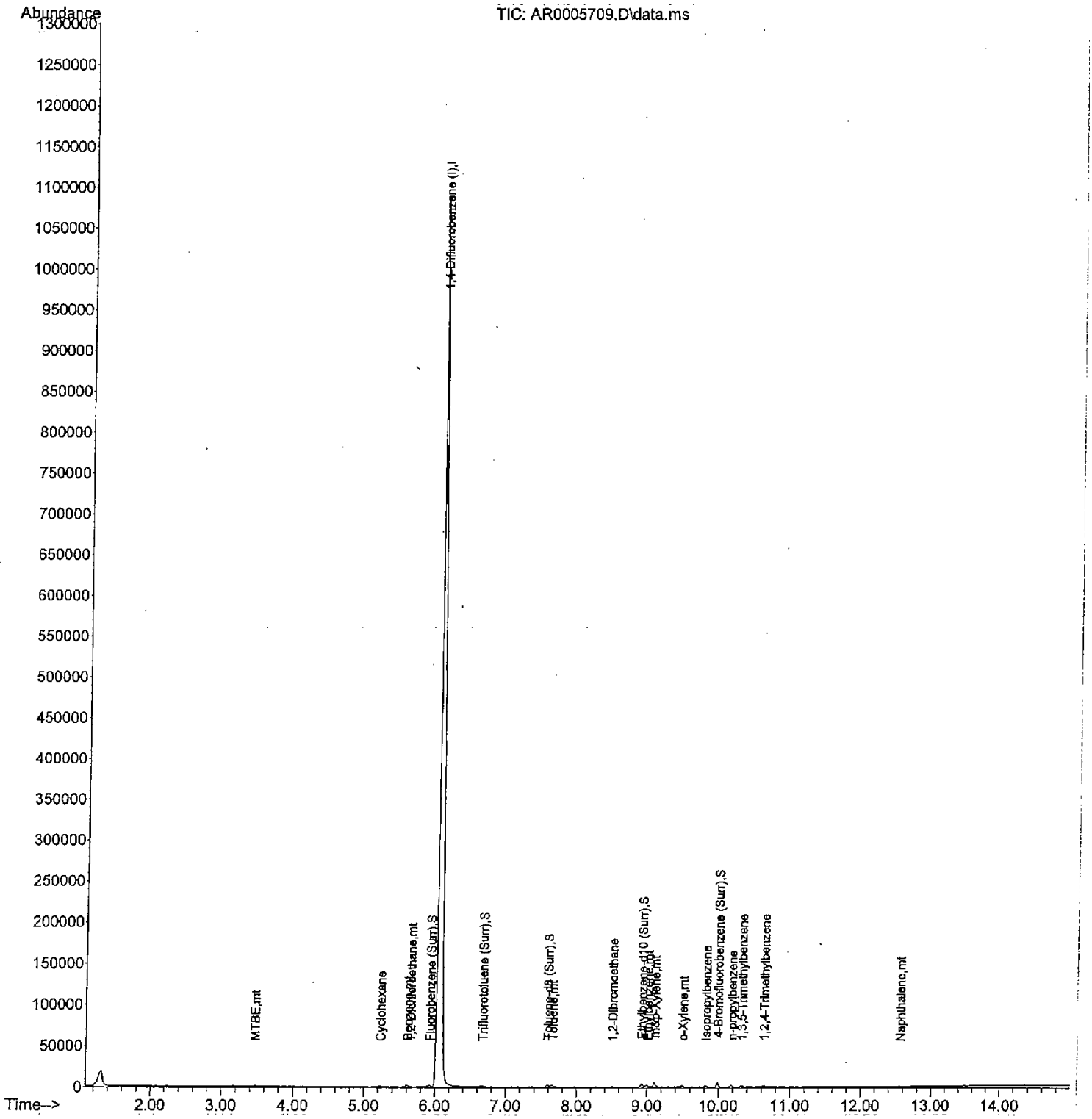
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1579774	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	3704	0.21	ug/L	0.00
3) Trifluorotoluene (Surr)	6.669	146	1393	0.17	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		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



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

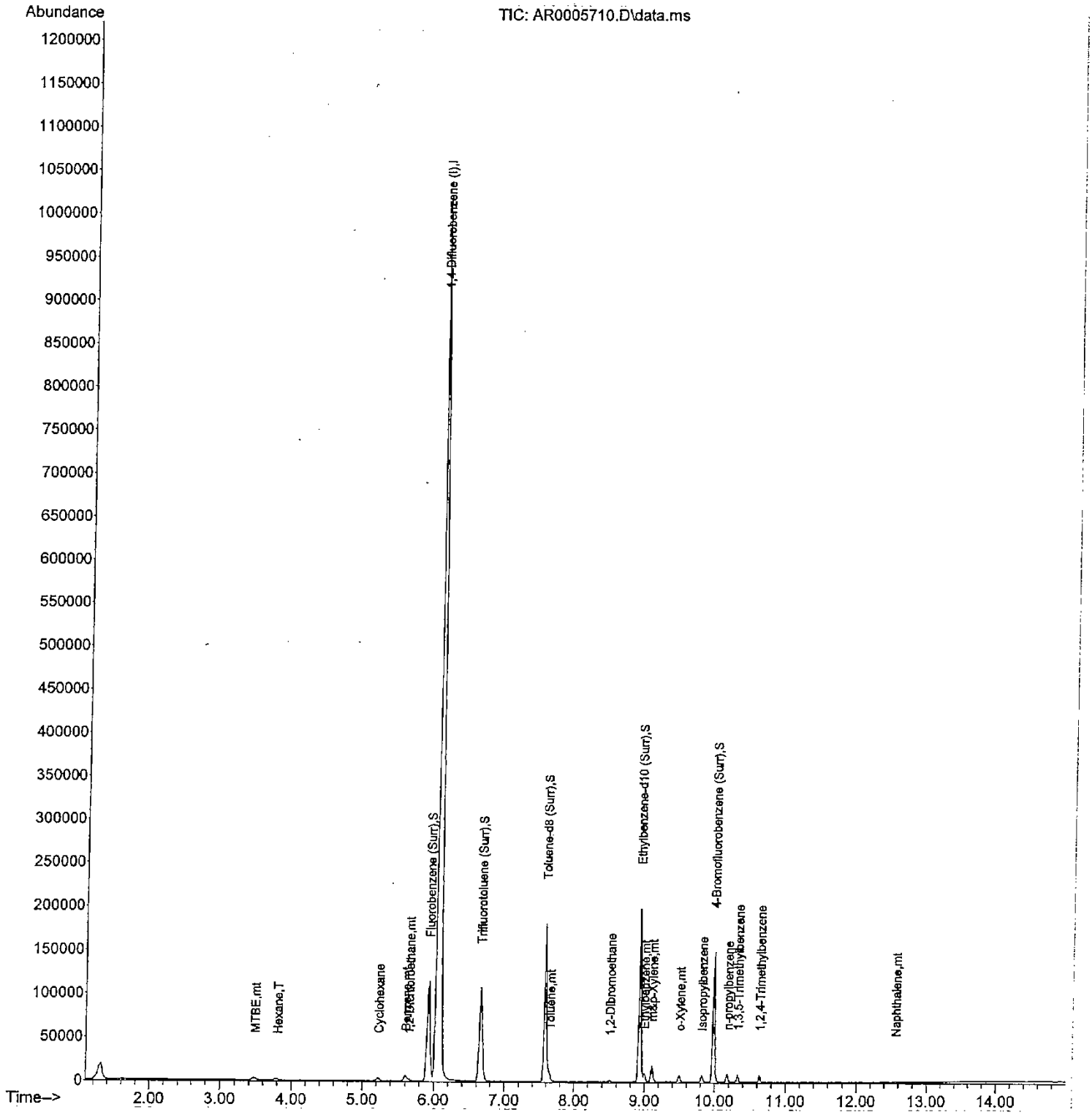
Quant Time: Apr 02 10:53:16 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

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

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



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

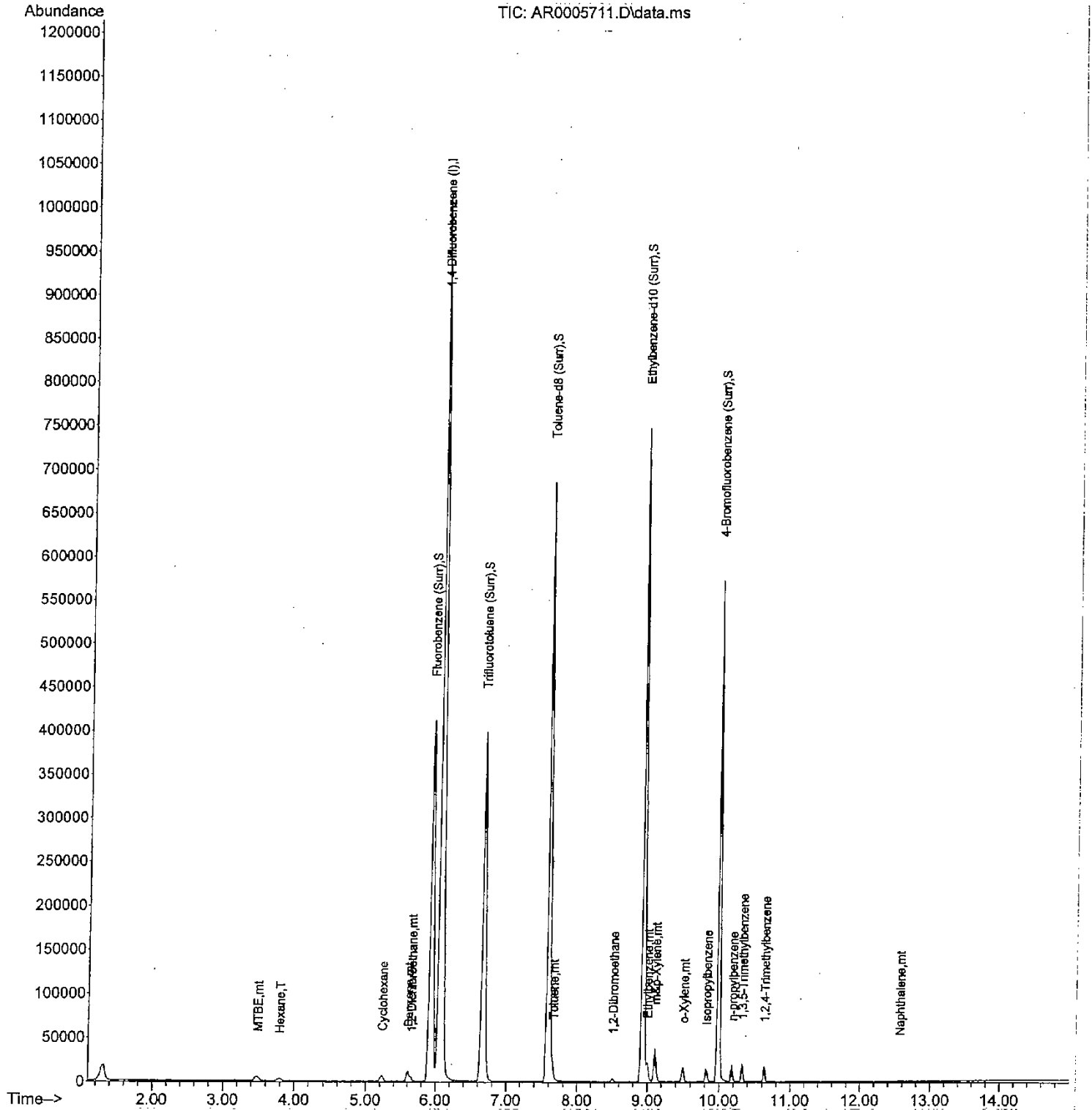
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1433407	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	641277	39.30	ug/L		0.00
3) Trifluorotoluene (Surr)	6.655	146	288133	37.85	ug/L		-0.01
Spiked Amount 100.000	Range 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

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



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

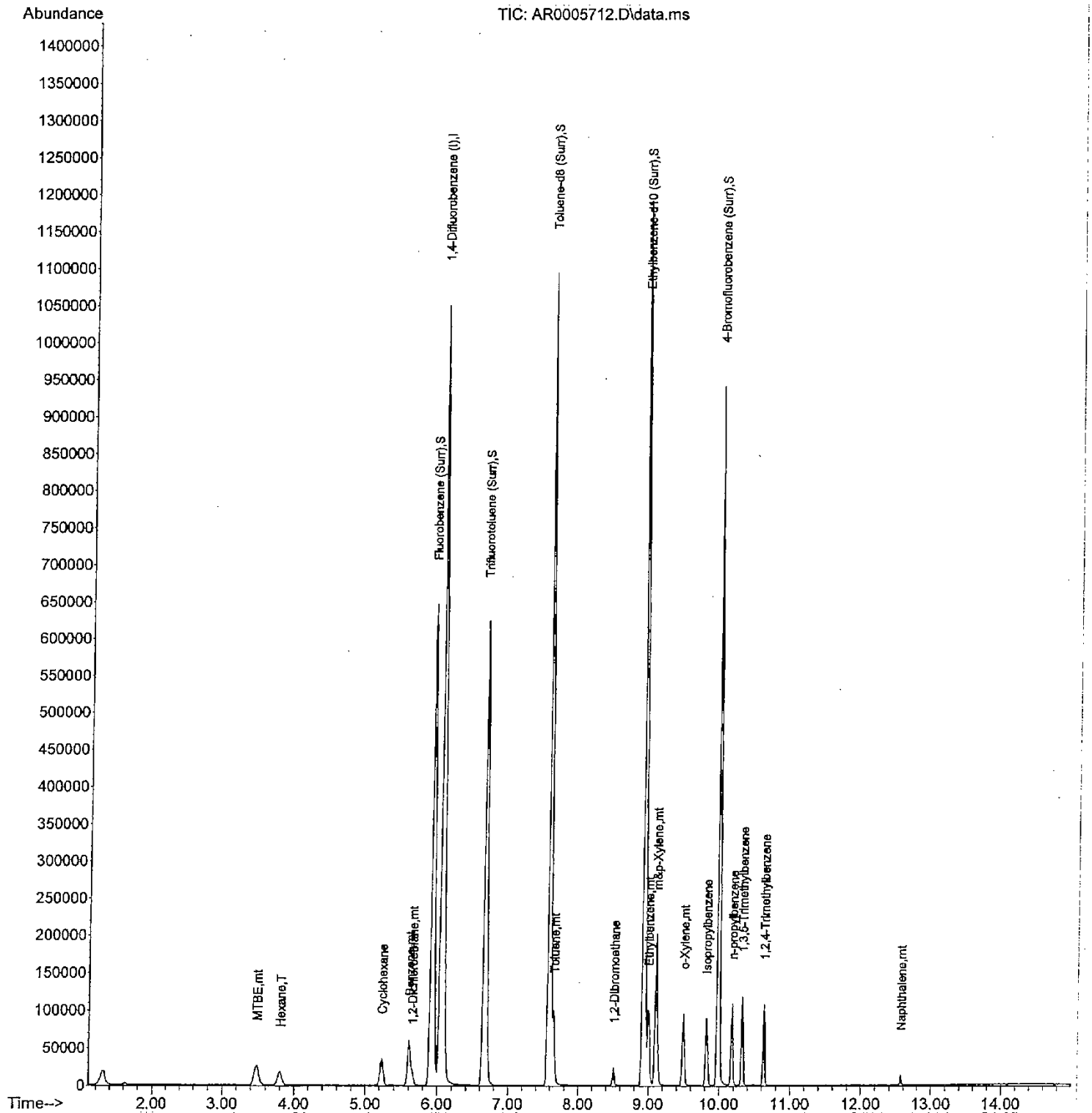
Quant Time: Apr 02 10:53:28 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

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

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



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

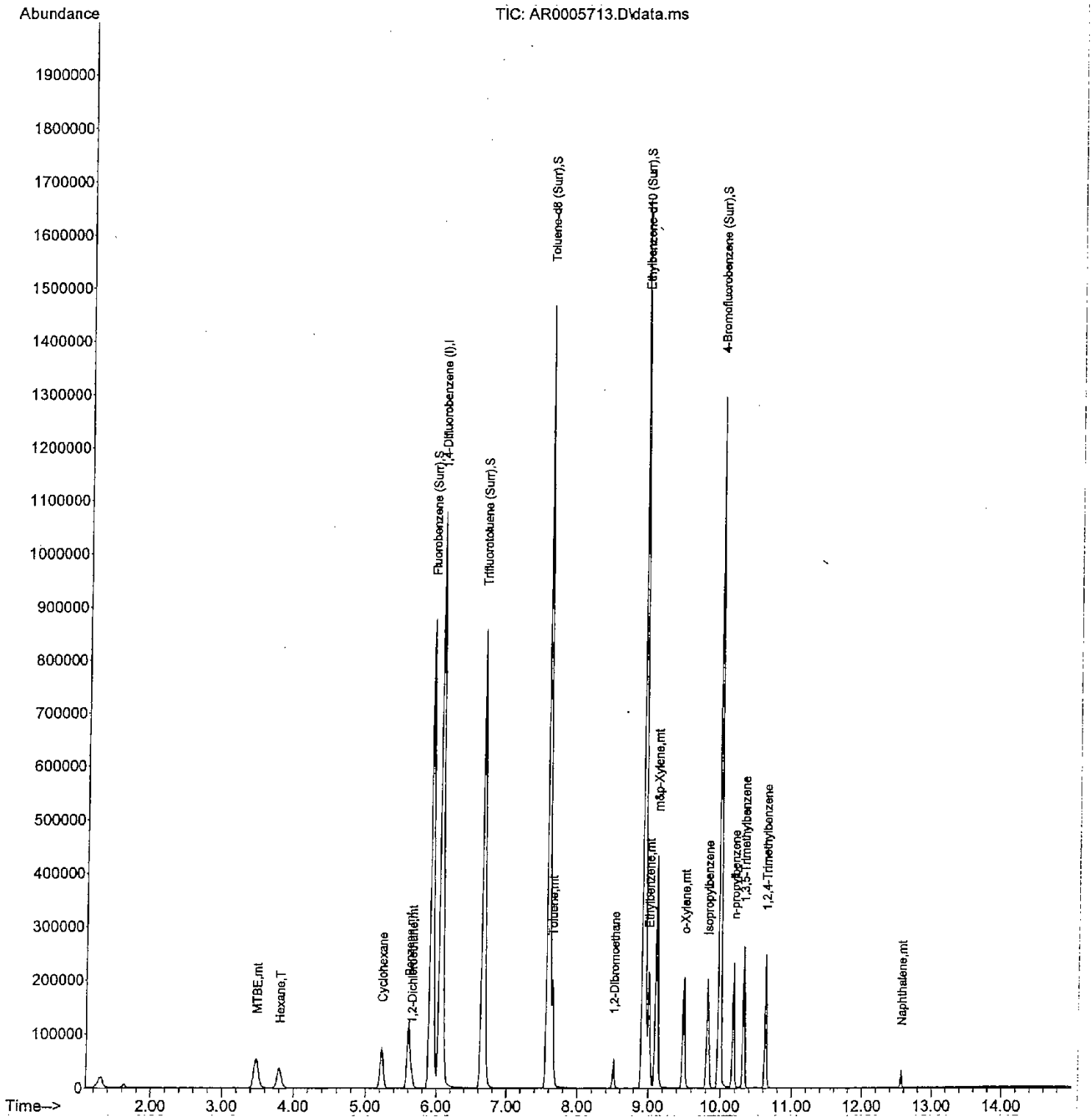
Quant Time: Apr 02 10:53:34 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

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

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



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

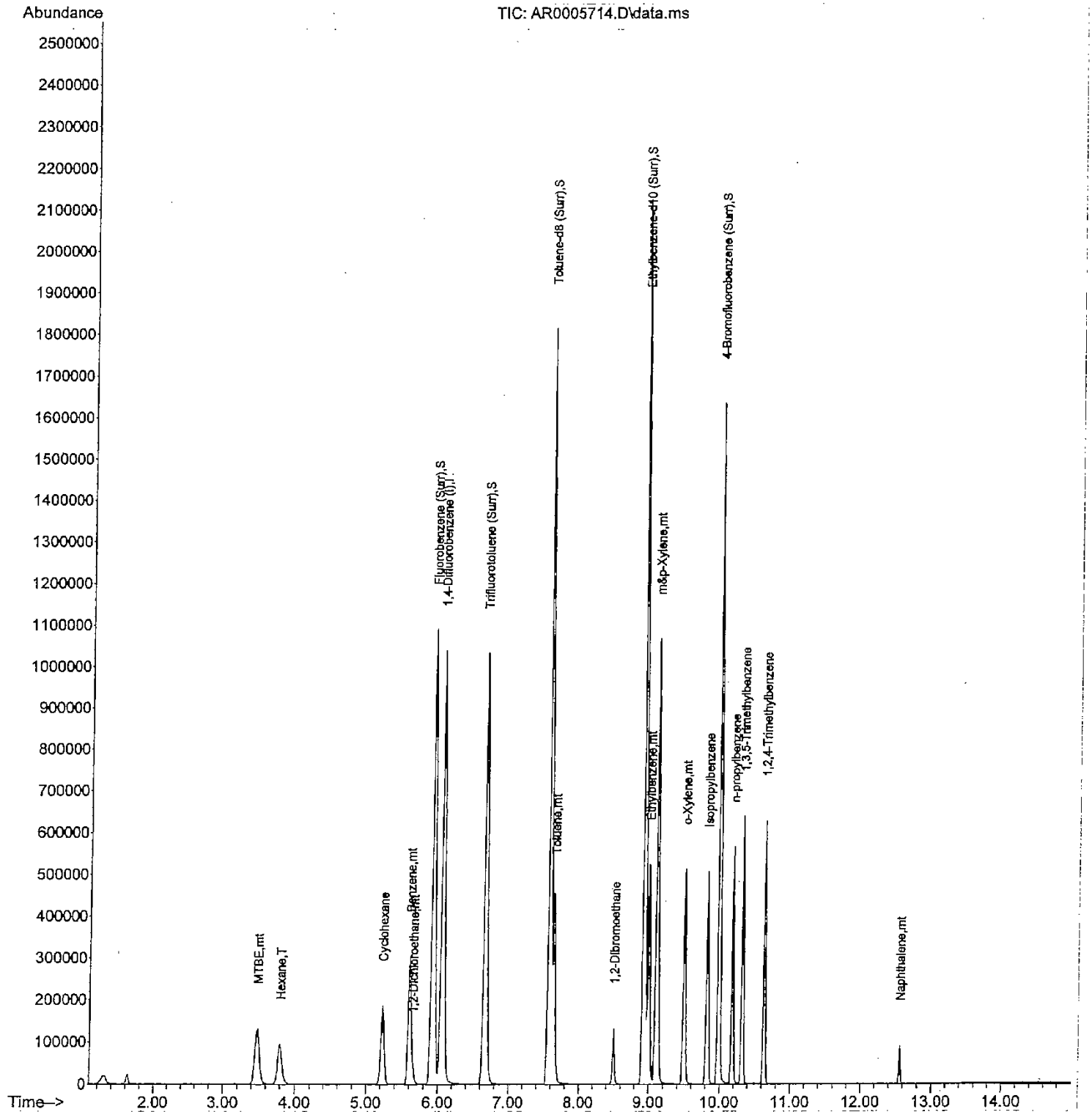
Quant Time: Apr 02 10:53:40 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

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

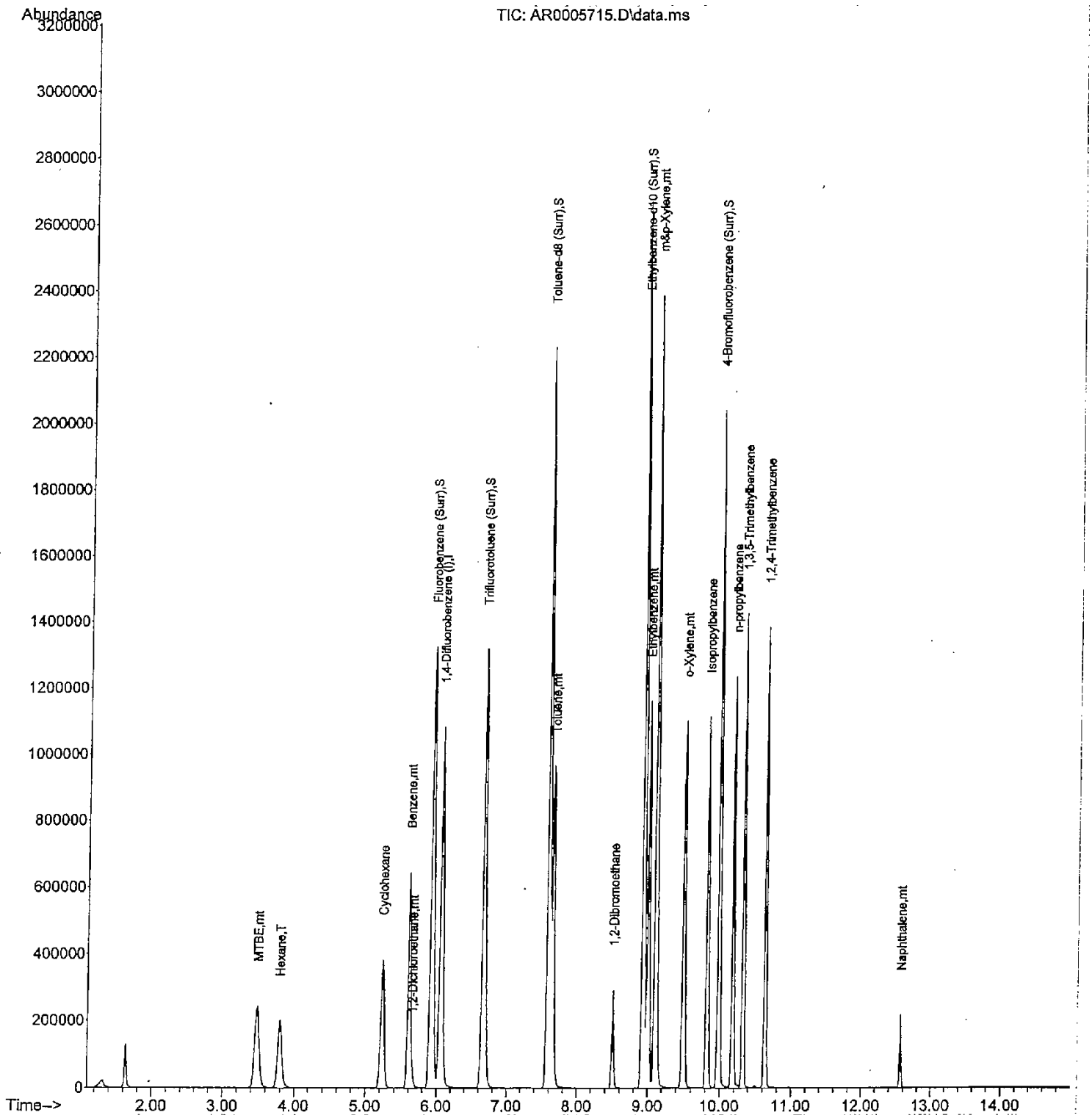
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1493832	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	2044678	120.23	ug/L		0.00
3) Trifluorotoluene (Surr)	6.656	146	969587	122.22	ug/L		-0.01
Spiked Amount 100.000	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



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

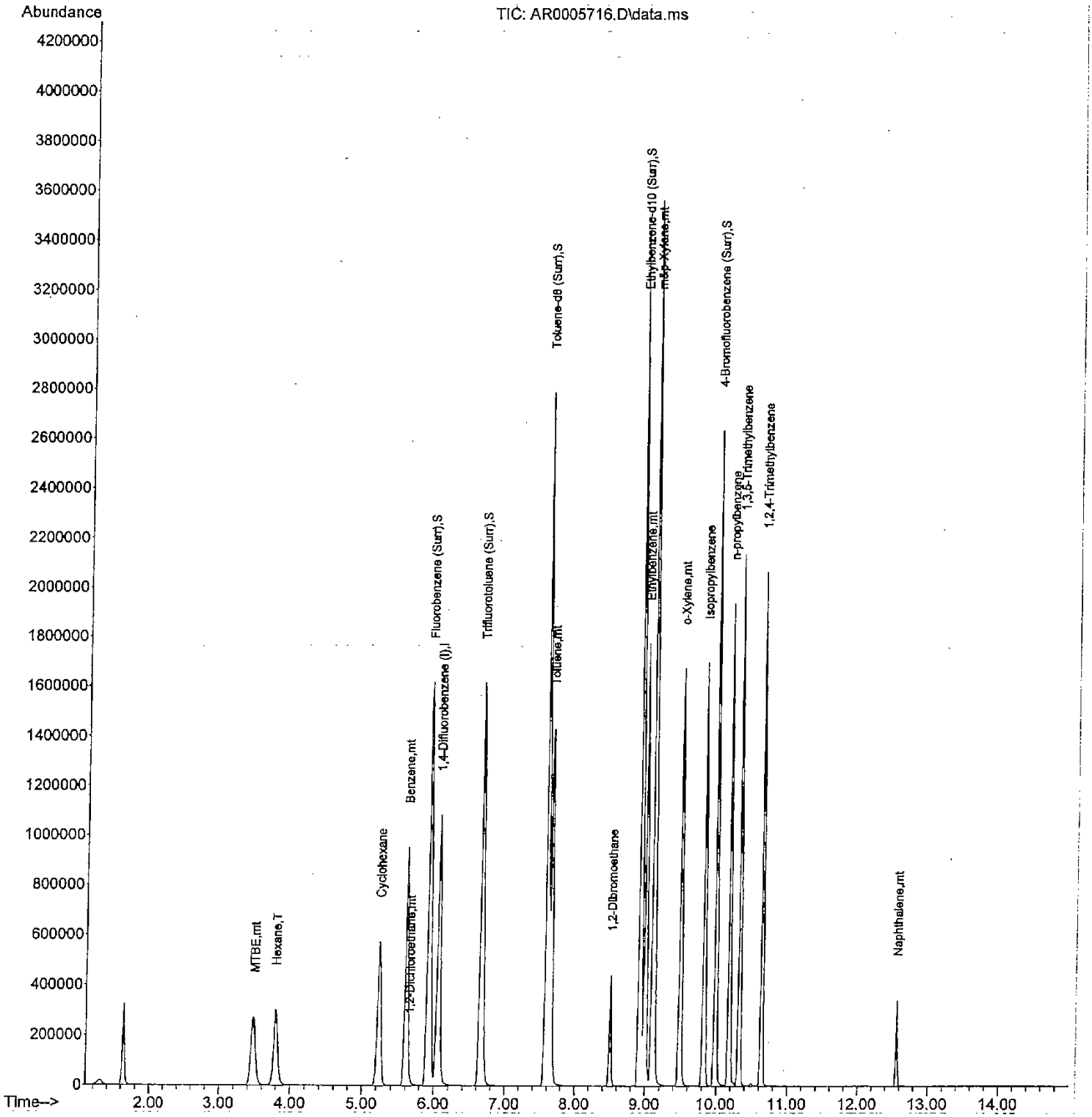
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1479291	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	2526656	150.03	ug/L		0.00
3) Trifluorotoluene (Surr)	6.656	146	1239097	157.72	ug/L		-0.01
Spiked Amount 100.000	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

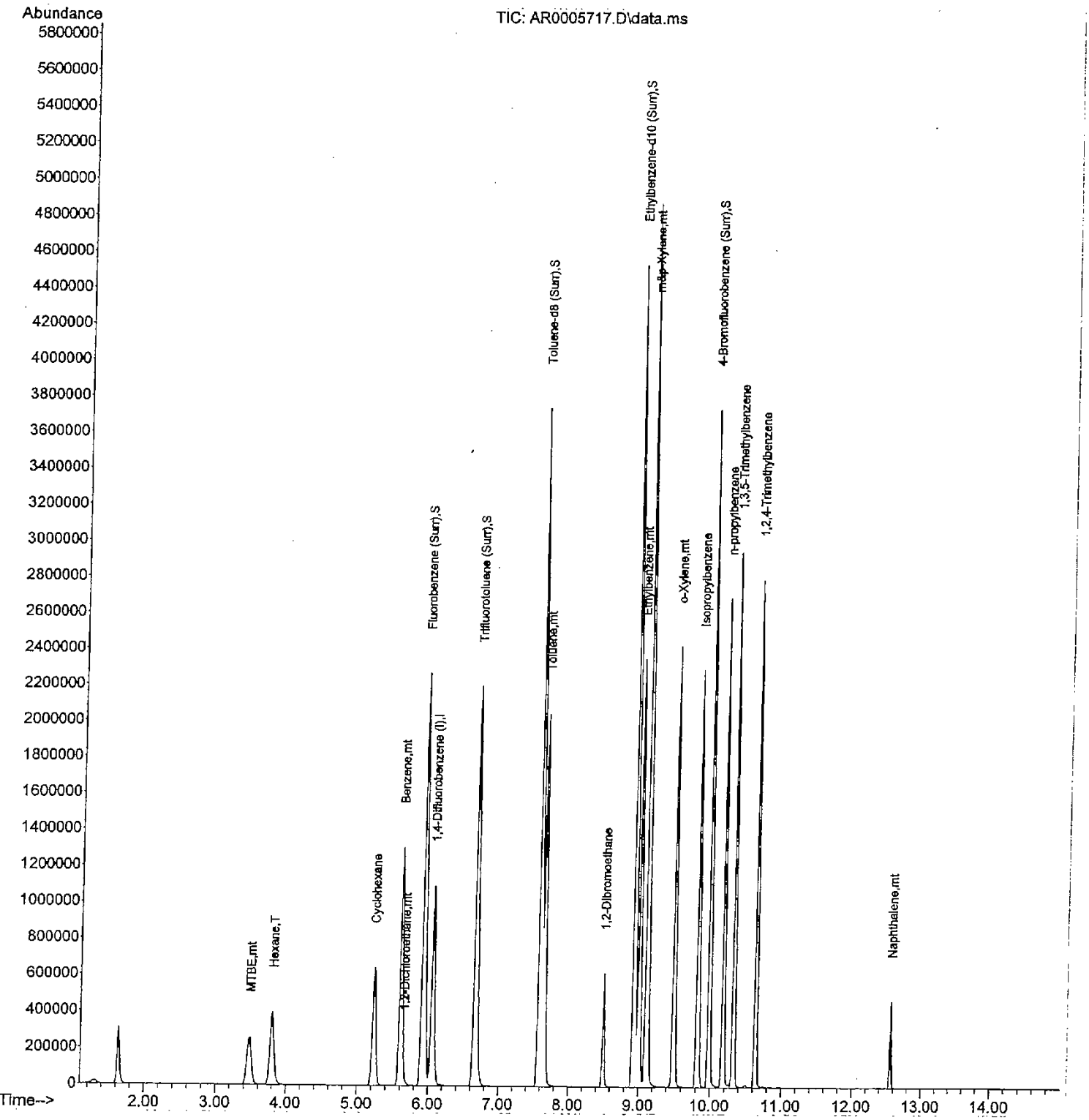
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1528749	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	3504506	201.36	ug/L		0.00
3) Trifluorotoluene (Surr)	6.669	146	1720617	211.93	ug/L		0.00
Spiked Amount 100.000	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



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

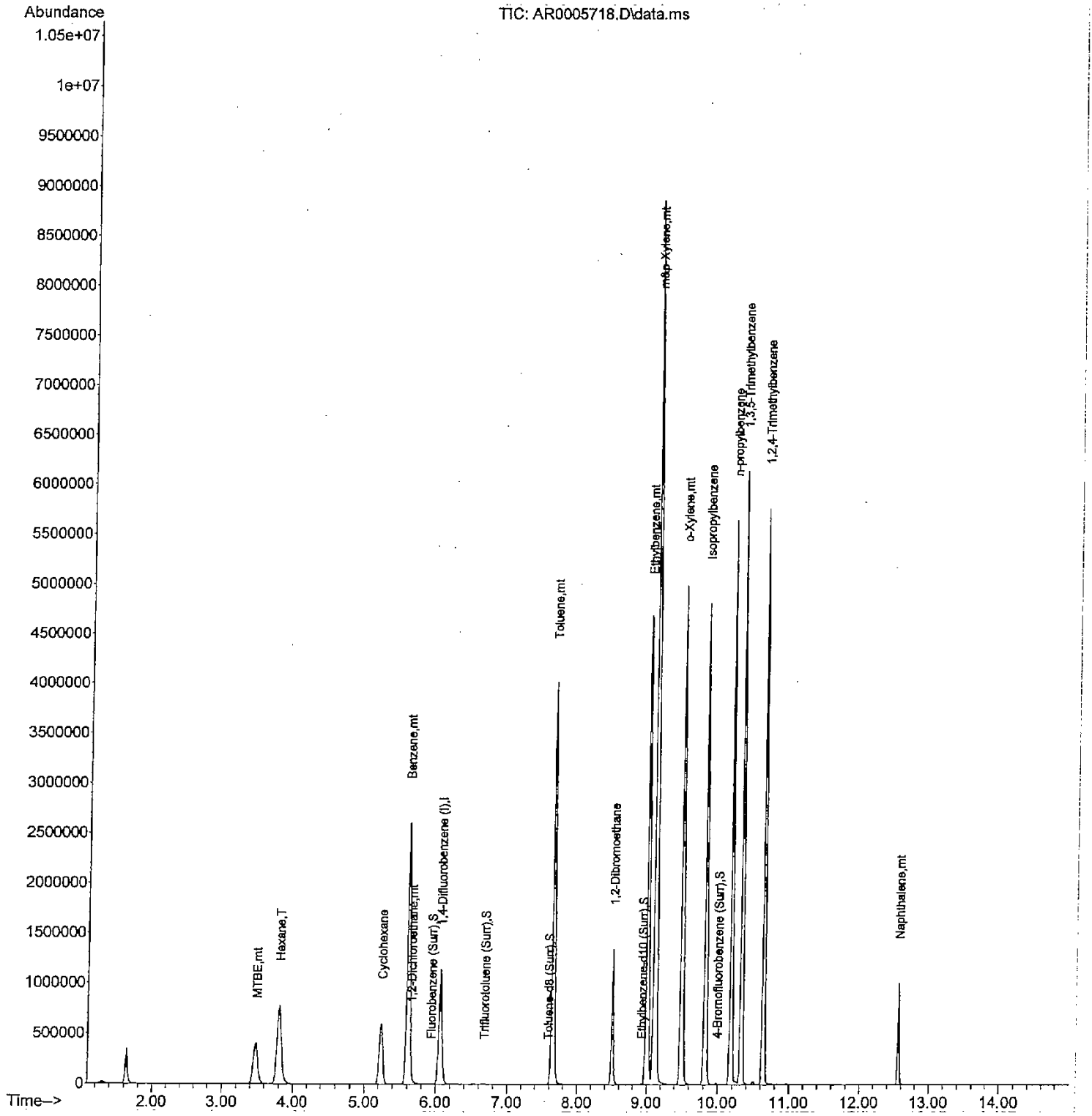
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1658908	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	6478	0.34	ug/L		0.00
3) Trifluorotoluene (Surr)	6.669	146	4248	0.48	ug/L		0.00
Spiked Amount 100.000	Range 82 - 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



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

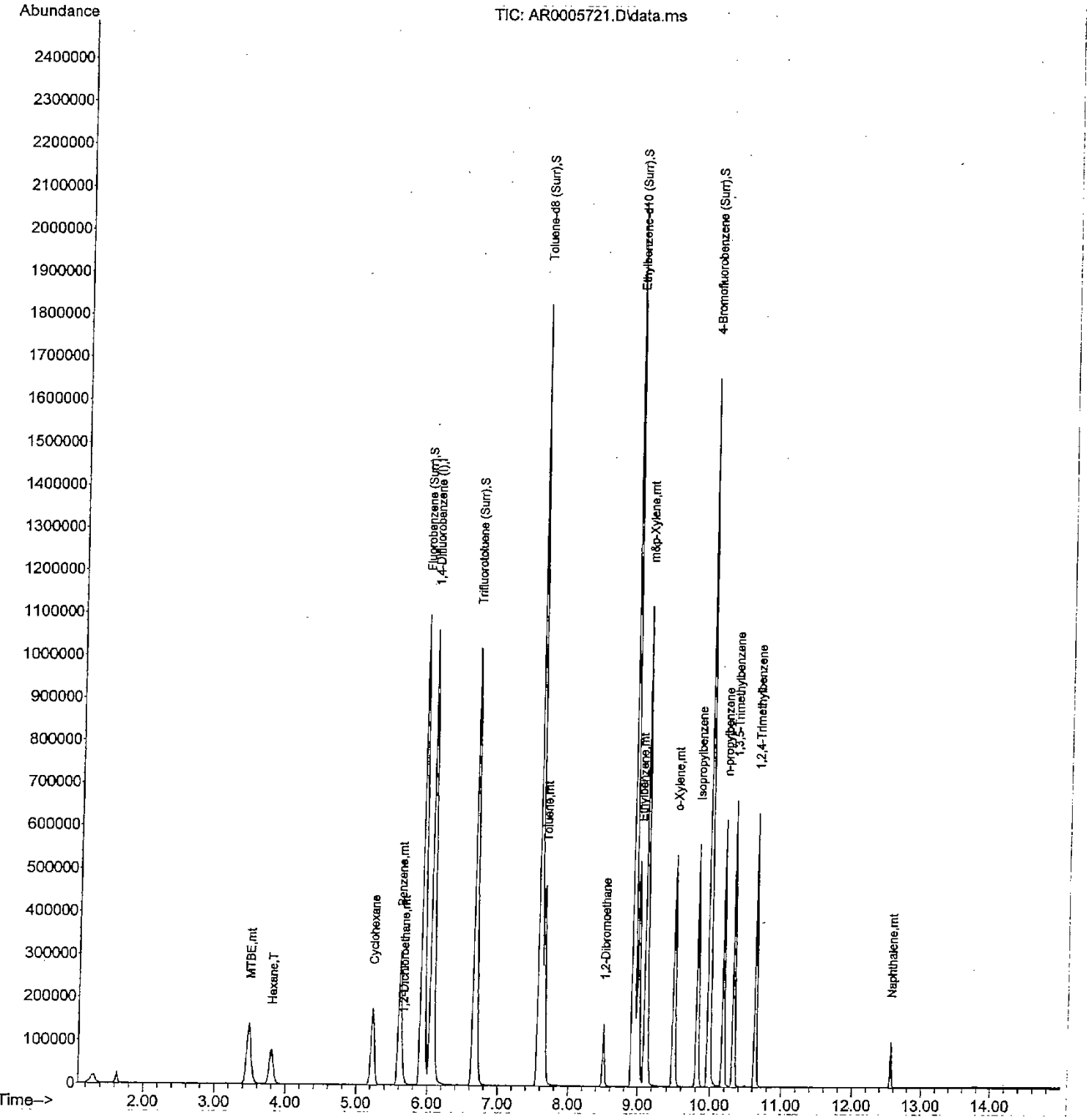
Quant Time: Apr 02 10:54:14 2007
Quant Method : E:\1\methods\RBCA_03162007.M
Quant Title : SEA041: RBCA plus by 8260B 01-26-2007
QLast Update : Fri Mar 16 15:09:56 2007
Response via : Initial Calibration

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



Evaluate Continuing Calibration Report

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\03302007

#	Filename	Sample Name	Date/Time
1	ar0005997.d	rinse/tune	03/30/07 09:53
2	ar0005998.d	rt std	03/30/07 10:15
3	ar0005999.d	1100 gro ccal	03/30/07 10:38
4	ar0006000.d	25 ug/L Aromatics	03/30/07 11:00
5	ar0006001.d	lcs	03/30/07 11:23
6	ar0006002.d	lcsd	03/30/07 11:45
7	ar0006003.d	lcs	03/30/07 12:07
8	ar0006004.d	lcsd	03/30/07 12:30
9	ar0006005.d	IB	03/30/07 12:52
10	ar0006006.d	mb	03/30/07 13:15
11	ar0006007.d	580-5401-B-26	03/30/07 13:37
12	ar0006008.d	580-5419-B-5	03/30/07 14:00
13	ar0006009.d	580-5420-A-6	03/30/07 14:22
14	ar0006010.d	580-5429-C-9	03/30/07 14:44
15	ar0006011.d	580-5420-D-5	03/30/07 15:07
16	ar0006012.d	580-5420-D-3	03/30/07 15:29
17	ar0006013.d	580-5420-D-2	03/30/07 15:51
18	ar0006014.d	580-5420-C-1	03/30/07 16:14
19	ar0006015.d	580-5419-A-4	03/30/07 16:36
20	ar0006016.d	580-5419-D-3	03/30/07 16:59
21	ar0006017.d	rinse/tune	03/30/07 18:05
22	ar0006018.d	580-5419-B-3 du	03/30/07 18:27
23	ar0006019.d	rinse/tune	03/30/07 18:50
24	ar0006020.d	1100 gro ccal	03/30/07 19:12
25	ar0006021.d	rinse/tune	03/30/07 19:34
26	ar0006022.d	580-5419-D-2	03/30/07 19:57
27	ar0006023.d	580-5419-D-1 1:5	03/30/07 20:19
28	ar0006024.d	580-5429-B-1	03/30/07 20:41
29	ar0006025.d	580-5429-A-2	03/30/07 21:04
30	ar0006026.d	580-5429-D-3 1:5	03/30/07 21:26
31	ar0006027.d	580-5429-C-4 1:10	03/30/07 21:49
32	ar0006028.d	580-5429-C-5	03/30/07 22:11
33	ar0006029.d	580-5429-E-6 1:2	03/30/07 22:33
34	ar0006030.d	580-5429-A-7	03/30/07 22:56
35	ar0006031.d	580-5429-C-8 1:5	03/30/07 23:18
36	ar0006032.d	rinse/tune	03/30/07 23:40
37	ar0006033.d	580-5429-C-8 du 1:5	03/31/07 00:03
38	ar0006034.d	rinse/tune	03/31/07 00:25
39	ar0006035.d	rt std	03/31/07 00:48
40	ar0006036.d	1100 gro ccal	03/31/07 01:10
41	ar0006037.d	25 ug/L Aromatics	03/31/07 01:32
42	ar0006038.d	LCS 580-17166/2-AA	03/31/07 01:55
43	ar0006039.d	LCSD 580-17166/3-AA	03/31/07 02:17
44	ar0006040.d	LCS 580-17166/4-AA	03/31/07 02:39
45	ar0006041.d	LCSD 580-17166/5-AA	03/31/07 03:02
46	ar0006042.d	IB EP lot:6215150	03/31/07 03:24
47	ar0006043.d	MB 580-17166/1-AA	03/31/07 03:46
48	ar0006044.d	580-5407-A-1-A	03/31/07 04:09
49	ar0006045.d	580-5407-A-2-A	03/31/07 04:31

4/3/2007

Sequence Log

Directory : q:\1\data\03302007

#	Filename	Sample Name	Date/Time
50	ar0006046.d	580-5407-A-3-A	03/31/07 04:53
51	ar0006047.d	580-5407-A-4-A	03/31/07 05:16
52	ar0006048.d	580-5401-A-6-H	03/31/07 05:38
53	ar0006049.d	580-5401-A-12-D	03/31/07 06:01
54	ar0006050.d	580-5401-A-16-D	03/31/07 06:23
55	ar0006051.d	580-5401-A-19-D	03/31/07 06:46
56	ar0006052.d	580-5401-A-25-H	03/31/07 07:08
57	ar0006053.d	580-5402-C-6-B	03/31/07 07:30
58	ar0006054.d	rinse/tune	03/31/07 07:53
59	ar0006055.d	1100 gro ccal	03/31/07 08:15
60	ar0006056.d	rinse/tune	03/31/07 08:37
61	ar0006057.d	580-5411-D-6-D	03/31/07 09:00
62	ar0006058.d	580-5411-D-8-D	03/31/07 09:22
63	ar0006059.d	580-5411-D-13-D	03/31/07 09:45
64	ar0006060.d	580-5402-C-10-B	03/31/07 10:07
65	ar0006061.d	580-5402-C-13-A	03/31/07 10:30
66	ar0006062.d	580-5402-C-17-A	03/31/07 10:52
67	ar0006063.d	580-5402-C-20-A	03/31/07 11:14
68	ar0006064.d	580-5402-C-20-B DU	03/31/07 11:37
69	ar0006065.d	580-5402-C-20-C MS	03/31/07 11:59
70	ar0006066.d	rinse/tune	03/31/07 12:22
71	ar0006067.d	1100 gro ccal	03/31/07 12:44
72	ar0006068.d	rinse/tune	03/31/07 13:06

4/3/2007

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006037.D
Acq On : 31 Mar 2007 1:32 am
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-07
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 02 08:05:39 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

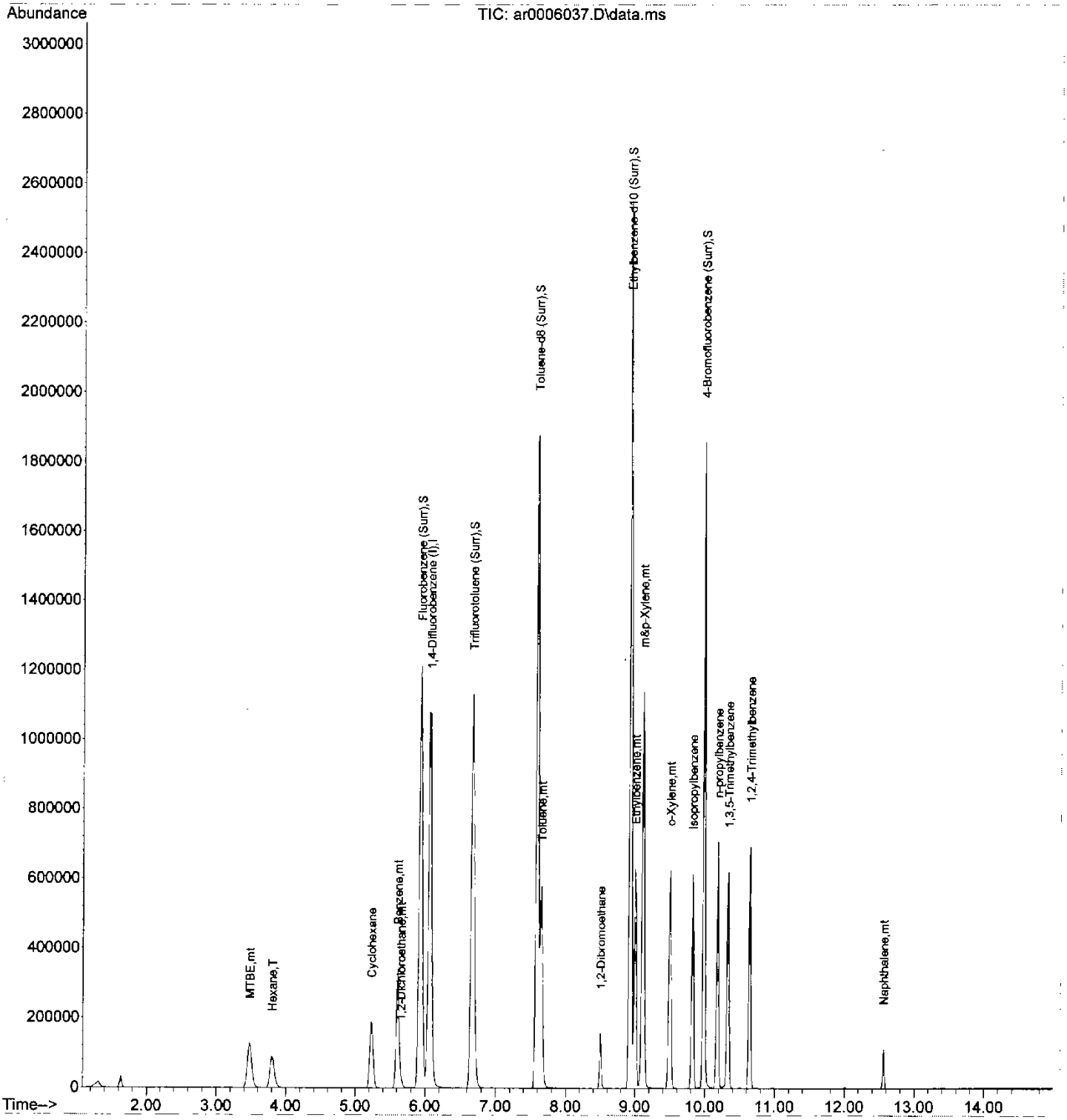
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1739300	100.00	ug/L		0.00
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	1976659	99.82	ug/L		0.00
3) Trifluorotoluene (Surr)	6.670	146	942292	102.01	ug/L		0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 102.01%				
4) Toluene-d8 (Surr)	7.593	98	2046228	104.07	ug/L		0.01
Spiked Amount 100.000			Recovery = 104.07%				
5) Ethylbenzene-d10 (Surr)	8.922	98	2544075	103.39	ug/L		-0.01
Spiked Amount 100.000			Recovery = 103.39%				
6) 4-Bromofluorobenzene (...	9.986	174	641062	110.39	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.39%				
Target Compounds							Qvalue
7) MTBE	3.479	73	296729	21.75	ug/L	#	100
8) Hexane	3.801	56	53178	23.28	ug/L		98
9) Cyclohexane	5.228	56	147243	23.87	ug/L		94
10) Benzene	5.606	78	479160	24.58	ug/L		98
11) 1,2-Dichloroethane	5.648	62	19950	3.87	ug/L	#	40
12) Toluene	7.649	92	345290	26.63	ug/L		99
13) 1,2-Dibromoethane	8.502	107	115362	25.76	ug/L		98
14) Ethylbenzene	8.992	91	629162	25.19	ug/L		98
15) m&p-Xylene	9.104	106	504468	54.53	ug/L		96
16) o-Xylene	9.496	91	499570	26.56	ug/L		99
17) Isopropylbenzene	9.818	105	534688	26.23	ug/L		98
18) n-propylbenzene	10.181	91	673539	26.77	ug/L		100
19) 1,3,5-Trimethylbenzene	10.335	105	477388	26.87	ug/L		98
20) 1,2,4-Trimethylbenzene	10.643	105	483380	27.09	ug/L		99
21) Naphthalene	12.560	128	78787	4.99	ug/L		99

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

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006037.D
Acq On : 31 Mar 2007 1:32 am
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-07
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 02 08:05:39 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



Evaluate Continuing Calibration Report

Data Path : E:\1\data\03302007\
Data File : ar0006037.D
Acq On : 31 Mar 2007 1:32 am
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-07
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 02 08:05:39 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

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	119	0.00
2	S	Fluorobenzene (Surr)	100.000	99.824	0.2	119	0.00
3	S	Trifluorotoluene (Surr)	100.000	102.014	-2.0	124	0.00
4	S	Toluene-d8 (Surr)	100.000	104.073	-4.1	123	0.01
5	S	Ethylbenzene-d10 (Surr)	100.000	103.392	-3.4	122	-0.01
6	S	4-Bromofluorobenzene (Surr)	100.000	110.394	-10.4	130	0.00
7	mt	MTBE	25.000	21.754	13.0	101	-0.01
8	T	Hexane	25.000	23.281	6.9	104	0.00
9		Cyclohexane	25.000	23.870	4.5	108	-0.01
10	mt	Benzene	25.000	24.578	1.7	117	0.00
11	mt	1,2-Dichloroethane	25.000	3.869	84.5#	49	-0.01
12	mt	Toluene	25.000	26.630	-6.5	125	0.00
13		1,2-Dibromoethane	25.000	25.764	-3.1	122	0.00
14	mt	Ethylbenzene	25.000	25.186	-0.7	117	-0.01
15	mt	m&p-Xylene	50.000	54.531	-9.1	126	0.00
16	mt	o-Xylene	25.000	26.563	-6.3	121	0.00
17		Isopropylbenzene	25.000	26.226	-4.9	123	-0.01
18		n-propylbenzene	25.000	26.771	-7.1	122	0.00
19		1,3,5-Trimethylbenzene	25.000	26.871	-7.5	126	0.00
20		1,2,4-Trimethylbenzene	25.000	27.085	-8.3	127	0.00
21	mt	Naphthalene	5.000	4.989	0.2	145	-0.01

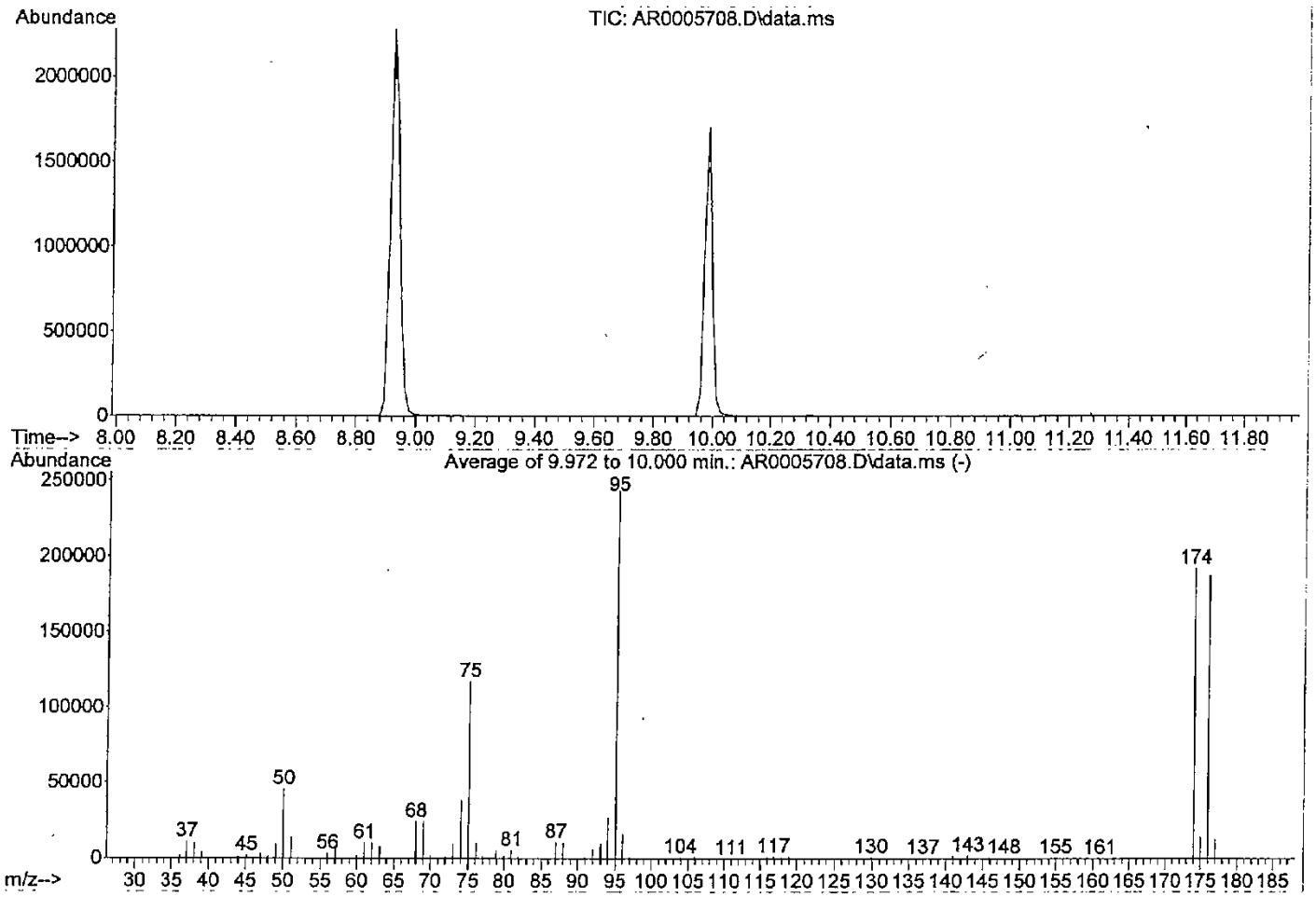
(#) = Out of Range SPCC's out = 0 CCC's out = 0

BFB TUNING

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



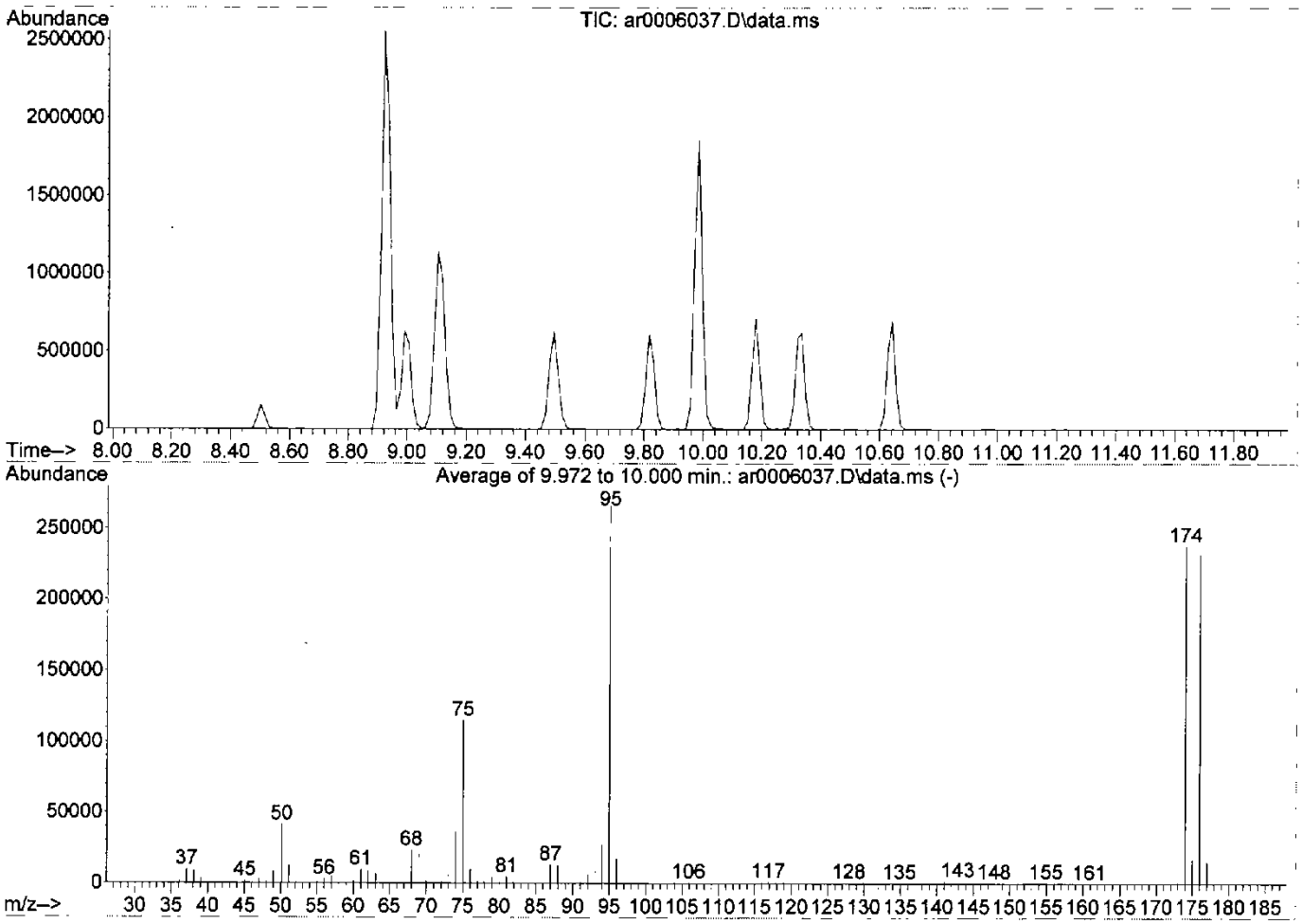
AutoFind: Scans 636, 637, 638; Background Corrected with Scan 631

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

Data Path : E:\1\data\03302007\
Data File : ar0006037.D
Acq On : 31 Mar 2007 1:32 am
Operator : frz
Sample : 25 ug/L Aromatics
Misc : 1369-58-07
ALS Vial : 41 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 : Wed Apr 18 15:12:01 2007



Spectrum Information: Average of 9.972 to 10.000 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	41450	PASS
75	95	30	60	43.3	115074	PASS
95	95	100	100	100.0	265941	PASS
96	95	5	9	6.6	17503	PASS
173	174	0.00	2	0.5	1148	PASS
174	95	50	100	89.4	237824	PASS
175	174	5	9	7.2	17078	PASS
176	174	95	101	97.4	231616	PASS
177	176	5	9	6.5	15091	PASS

METHOD BLANK

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006043.D
Acq On : 31 Mar 2007 3:46 am
Operator : frz
Sample : MB 580-17166/1-AA
Misc : gro/8260 BT=Sea041033007b
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Apr 02 10:24:10 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

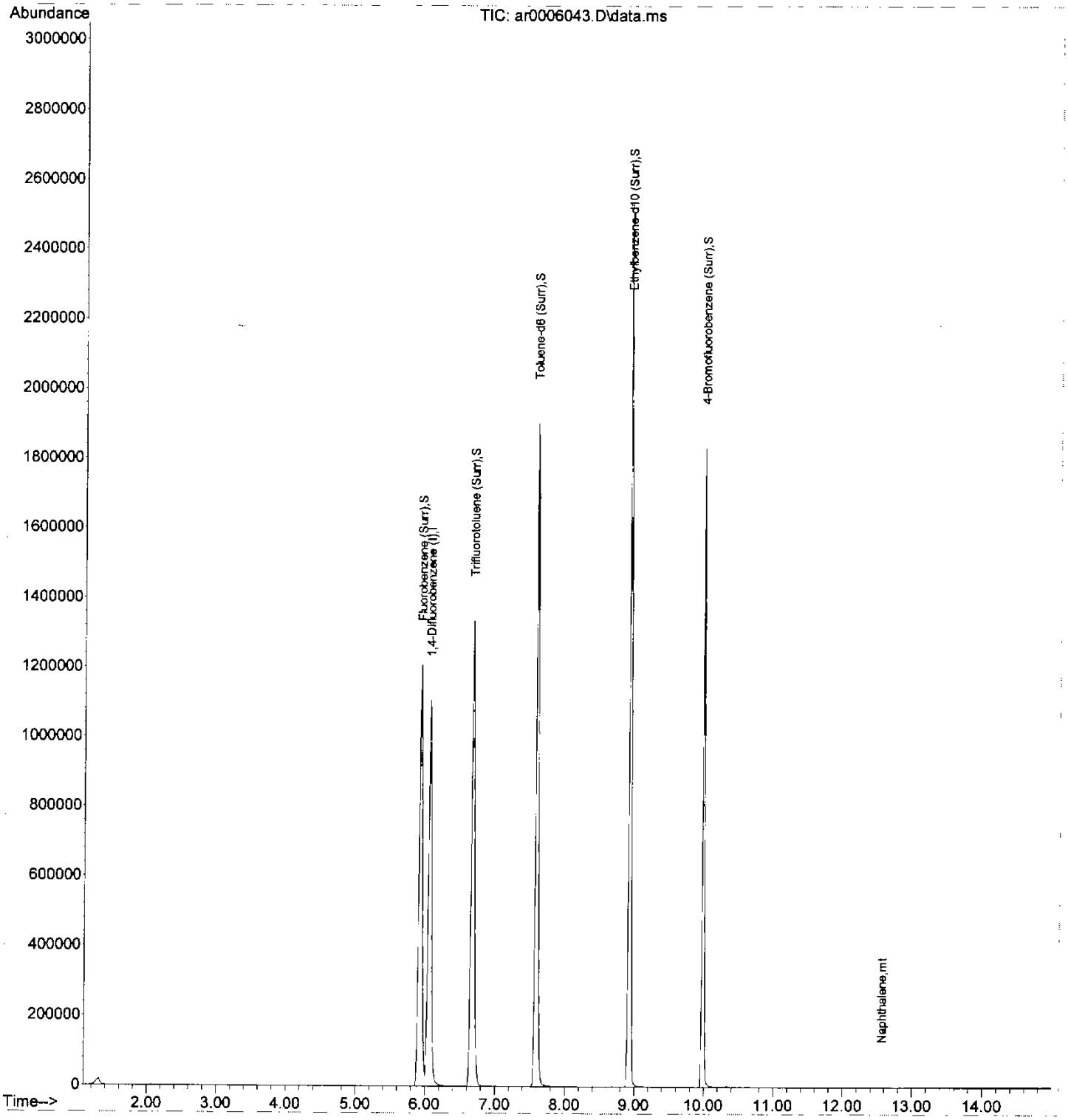
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1731582	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1973570	100.11	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	1099701	119.59	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 119.59%			
4) Toluene-d8 (Surr)	7.579	98	2039160	104.18	ug/L	0.00
Spiked Amount 100.000			Recovery = 104.18%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2500322	102.07	ug/L	-0.01
Spiked Amount 100.000			Recovery = 102.07%			
6) 4-Bromofluorobenzene (...	9.986	174	640920	110.86	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 110.86%			
Target Compounds						Qvalue
21) Naphthalene	12.560	128	238	0.20	ug/L	# 73

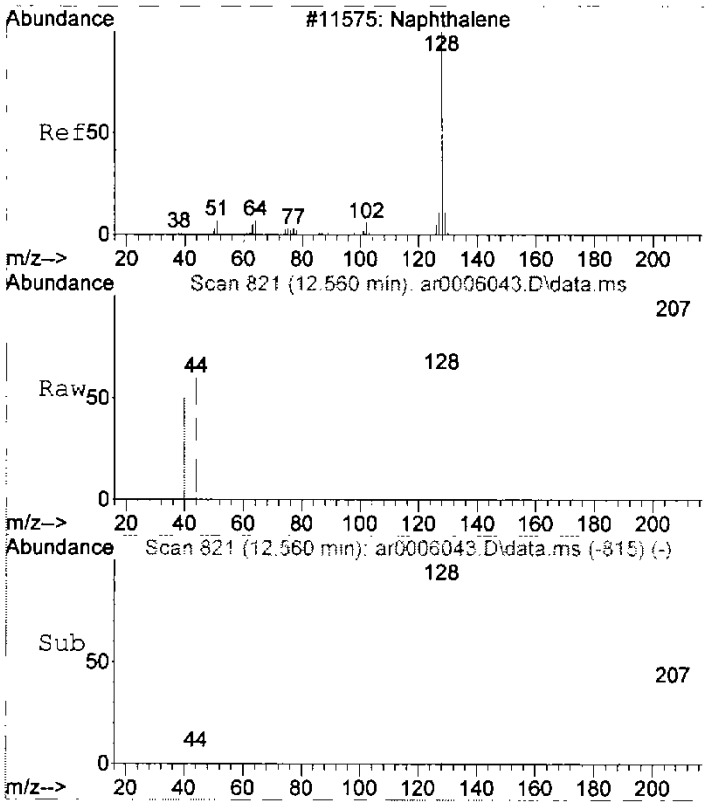
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006043.D
Acq On : 31 Mar 2007 3:46 am
Operator : frz
Sample : MB 580-17166/1-AA
Misc : gro/8260 BT=Sea041033007b
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Apr 02 10:24:10 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

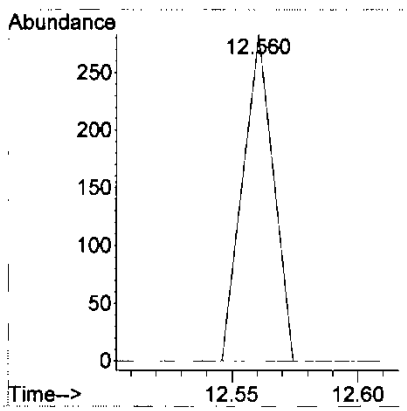




#21
Naphthalene
Concen: 0.20 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006043.D
Acq: 31 Mar 2007 3:46 am

Tgt Ion:128 Resp: 238

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



Data File Name	ar0006043.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 3:46
Acq. Method File	GBTEX.M
Sample Name	MB 580-17166/1-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)	1731582	1462074	118	pass

BLANK SPIKE

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006040.D
Acq On : 31 Mar 2007 2:39 am
Operator : frz
Sample : LCS 580-17166/4-AA
Misc : 8260 BT=Sea041033007b
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 02 08:05:42 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

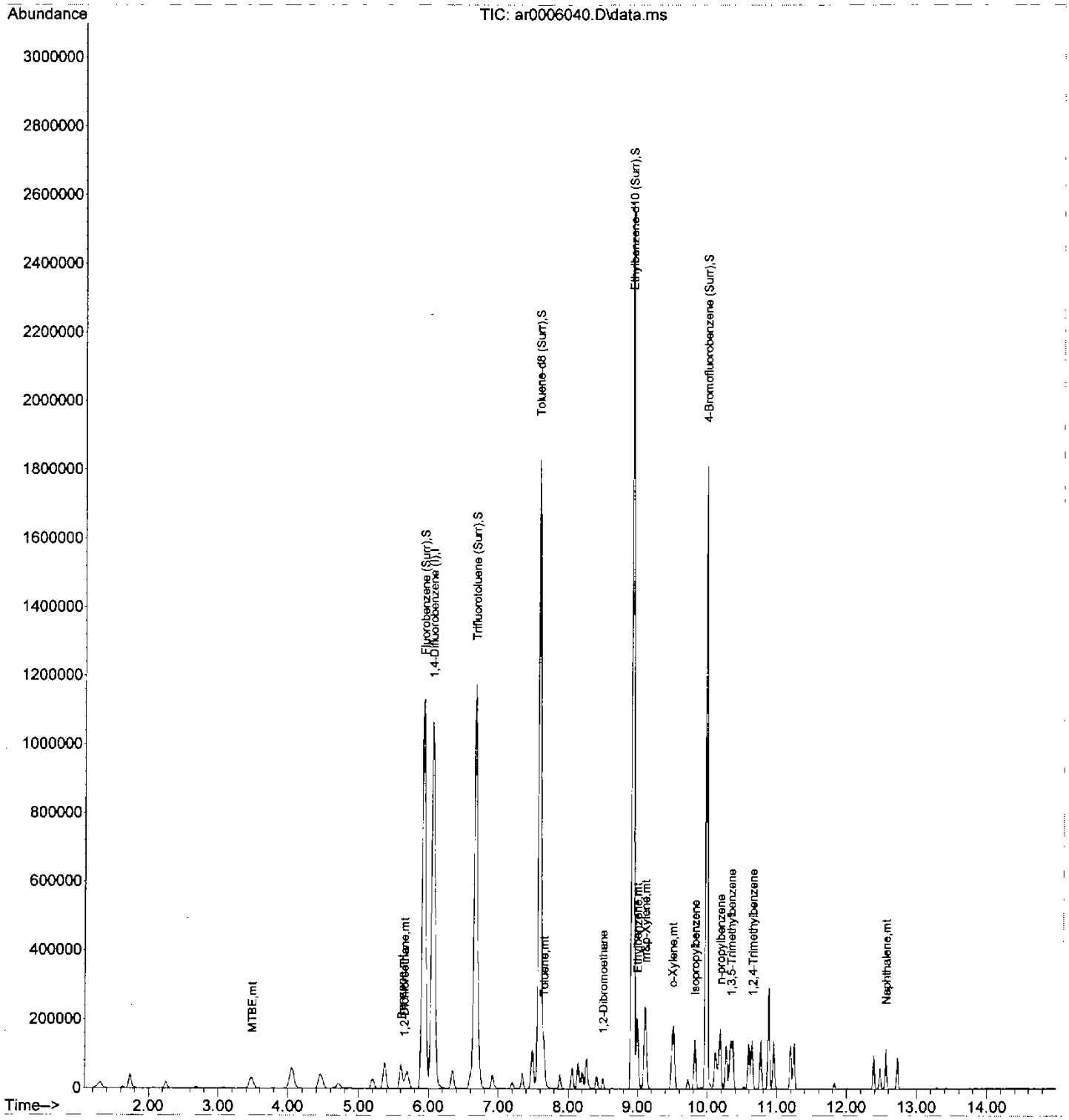
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1700348	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	1941367	100.29	ug/L		0.00
3) Trifluorotoluene (Surr)	6.669	146	1037839	114.93	ug/L		0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 114.93%				
4) Toluene-d8 (Surr)	7.579	98	1966312	102.30	ug/L		0.00
Spiked Amount 100.000			Recovery = 102.30%				
5) Ethylbenzene-d10 (Surr)	8.922	98	2449821	101.84	ug/L		-0.01
Spiked Amount 100.000			Recovery = 101.84%				
6) 4-Bromofluorobenzene (...	9.985	174	622385	109.63	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 109.63%				
Target Compounds							Qvalue
7) MTBE	3.479	73	76623	5.75	ug/L	#	100
10) Benzene	5.606	78	103495	5.43	ug/L		99
11) 1,2-Dichloroethane	5.648	62	4008	0.80	ug/L	#	40
12) Toluene	7.649	92	73556	5.80	ug/L		97
13) 1,2-Dibromoethane	8.502	107	23694	5.41	ug/L		97
14) Ethylbenzene	8.992	91	132915	5.44	ug/L		99
15) m&p-Xylene	9.104	106	106289	11.75	ug/L		96
16) o-Xylene	9.496	91	104260	5.67	ug/L	#	95
17) Isopropylbenzene	9.818	105	123994	6.22	ug/L		97
18) n-propylbenzene	10.181	91	147536	6.00	ug/L		99
19) 1,3,5-Trimethylbenzene	10.335	105	100144	5.77	ug/L		99
20) 1,2,4-Trimethylbenzene	10.643	105	100958	5.79	ug/L	#	50
21) Naphthalene	12.560	128	79574	5.15	ug/L		99

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

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006040.D
Acq On : 31 Mar 2007 2:39 am
Operator : frz
Sample : LCS 580-17166/4-AA
Misc : 8260 BT=Sea041033007b
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 02 08:05:42 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 File Name	ar0006040.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 2:39
Acq. Method File	GBTEX.M
Sample Name	LCS 580-17166/4-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)	1700348	1462074	116	pass

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006041.D
Acq On : 31 Mar 2007 3:02 am
Operator : frz
Sample : LCSD 580-17166/5-AA
Misc : 8260 BT=Sea041033007b
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Apr 02 08:05:43 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

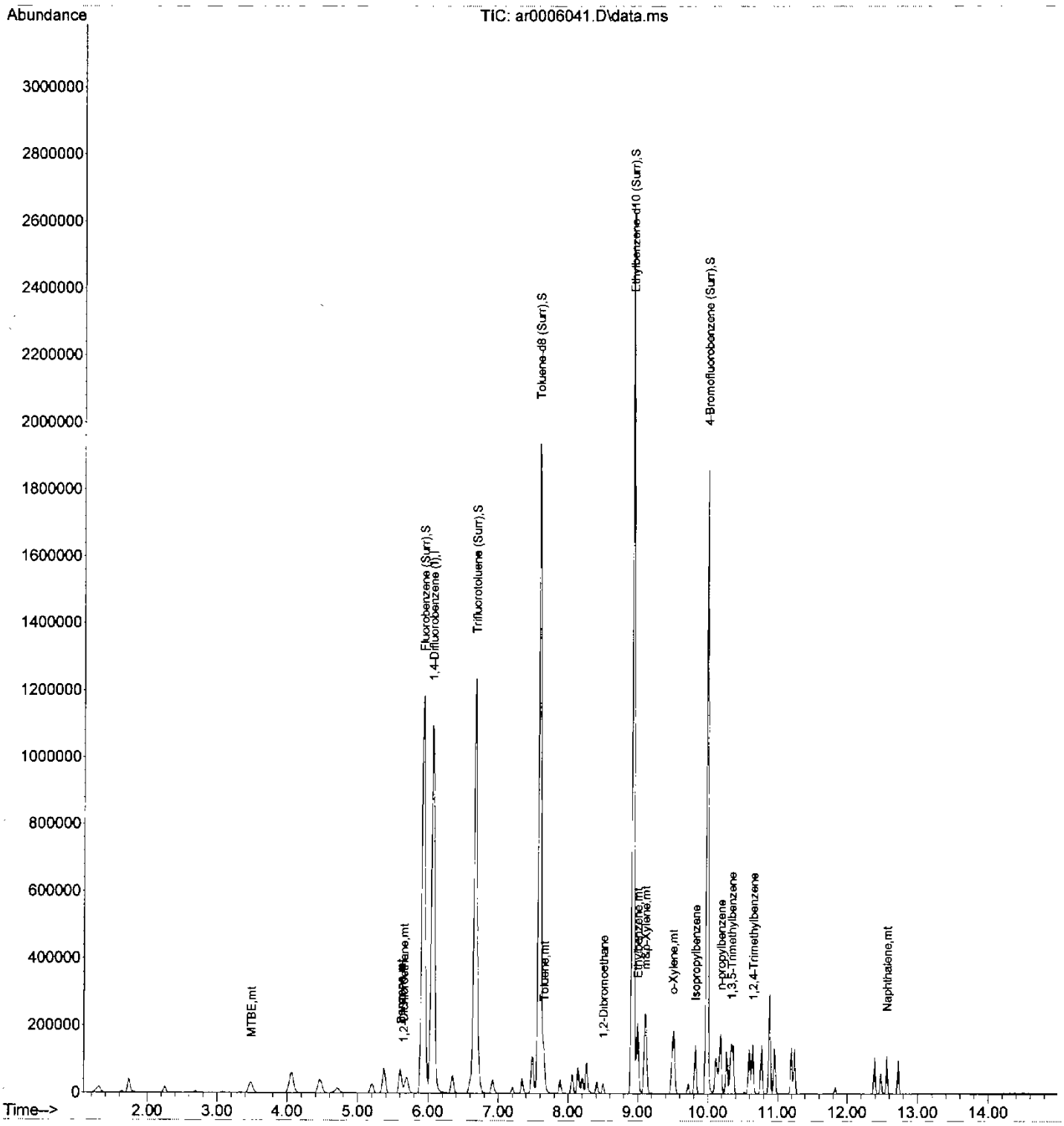
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1686419	100.00	ug/L		-0.01
System Monitoring Compounds							
2) Fluorobenzene (Surr)	5.928	96	1920027	100.00	ug/L		0.00
3) Trifluorotoluene (Surr)	6.669	146	1048468	117.07	ug/L		0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 117.07%				
4) Toluene-d8 (Surr)	7.579	98	1988093	104.29	ug/L		0.00
Spiked Amount 100.000			Recovery = 104.29%				
5) Ethylbenzene-d10 (Surr)	8.922	98	2497533	104.68	ug/L		-0.01
Spiked Amount 100.000			Recovery = 104.68%				
6) 4-Bromofluorobenzene (...	9.986	174	640055	113.68	ug/L		0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 113.68%				
Target Compounds							Qvalue
7) MTBE	3.479	73	74245	5.61	ug/L	#	100
10) Benzene	5.606	78	102873	5.44	ug/L		98
11) 1,2-Dichloroethane	5.648	62	3905	0.78	ug/L	#	37
12) Toluene	7.649	92	72398	5.76	ug/L		96
13) 1,2-Dibromoethane	8.502	107	23237	5.35	ug/L		97
14) Ethylbenzene	8.992	91	135103	5.58	ug/L		98
15) m&p-Xylene	9.104	106	106326	11.85	ug/L		96
16) o-Xylene	9.496	91	105708	5.80	ug/L	#	95
17) Isopropylbenzene	9.818	105	127709	6.46	ug/L		97
18) n-propylbenzene	10.181	91	147352	6.04	ug/L		99
19) 1,3,5-Trimethylbenzene	10.335	105	103793	6.03	ug/L		97
20) 1,2,4-Trimethylbenzene	10.643	105	102271	5.91	ug/L	#	51
21) Naphthalene	12.560	128	81449	5.31	ug/L		99

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

Quantitation Report (QT Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006041.D
Acq On : 31 Mar 2007 3:02 am
Operator : frz
Sample : LCSD 580-17166/5-AA
Misc : 8260 BT=Sea041033007b
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Apr 02 08:05:43 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 File Name	ar0006041.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 3:02
Acq. Method File	GBTEX.M
Sample Name	LCSD 580-17166/5-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)	1686419	1462074	115	pass

DUPLICATE SAMPLE DATA PACKAGE

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006063.D
Acq On : 31 Mar 2007 11:14 am
Operator : frz
Sample : 580-5402-C-20-A
Misc : BT=Sea041033007b
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Apr 02 08:06:05 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

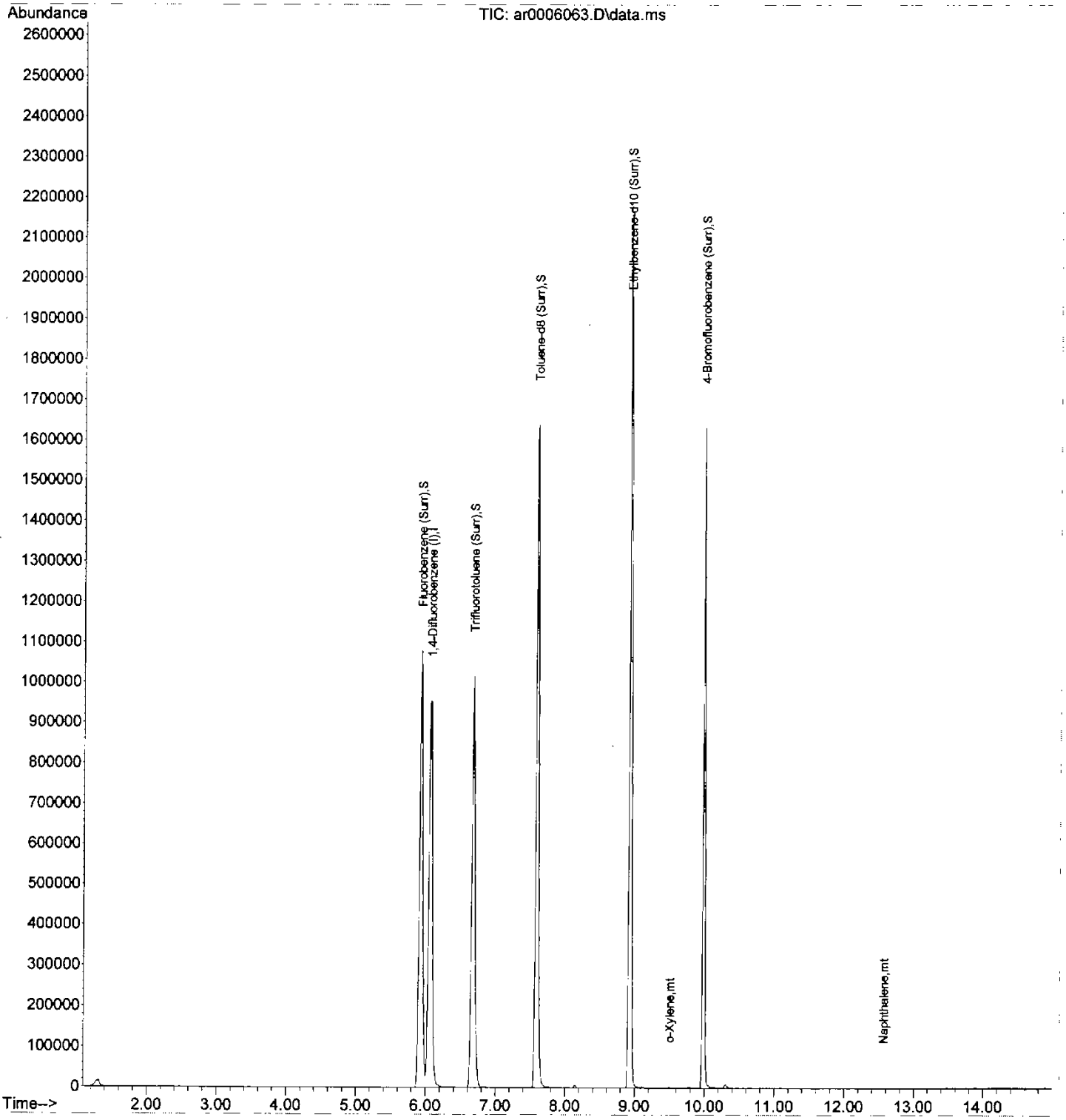
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.068	114	1509379	100.00	ug/L	0.00
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1741376	101.34	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	833915	104.03	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 104.03%			
4) Toluene-d8 (Surr)	7.593	98	1773042	103.92	ug/L	0.02
Spiked Amount 100.000			Recovery = 103.92%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2196951	102.89	ug/L	-0.01
Spiked Amount 100.000			Recovery = 102.89%			
6) 4-Bromofluorobenzene (...	9.986	174	542625	107.68	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 107.68%			
Target Compounds						Qvalue
16) o-Xylene	9.496	91	2550	0.16	ug/L #	85
21) Naphthalene	12.560	128	212	0.20	ug/L #	73

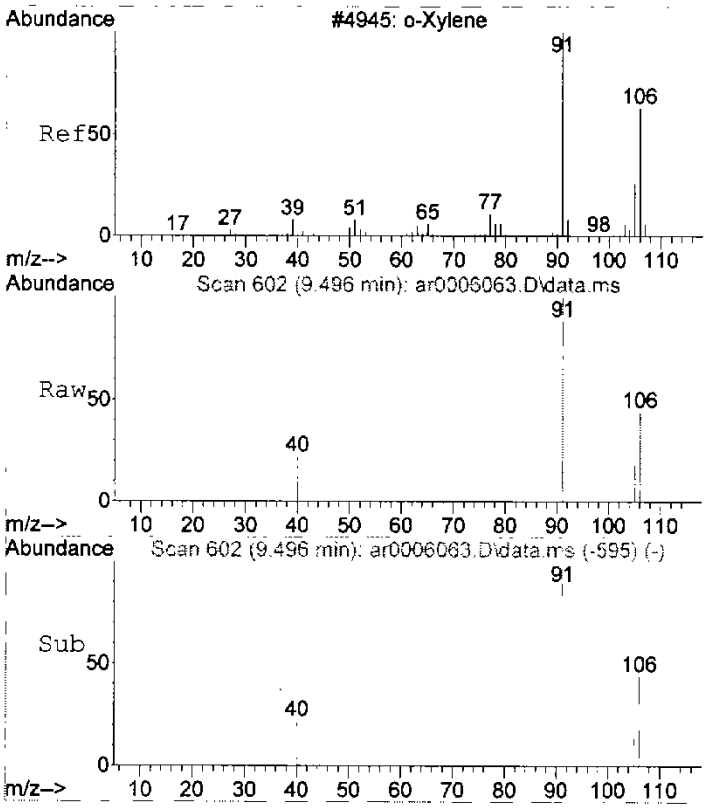
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006063.D
Acq On : 31 Mar 2007 11:14 am
Operator : frz
Sample : 580-5402-C-20-A
Misc : BT=Sea041033007b
ALS Vial : 67 Sample Multiplier: 1

Quant Time: Apr 02 08:06:05 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

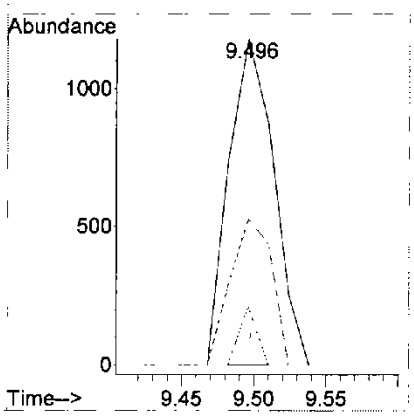


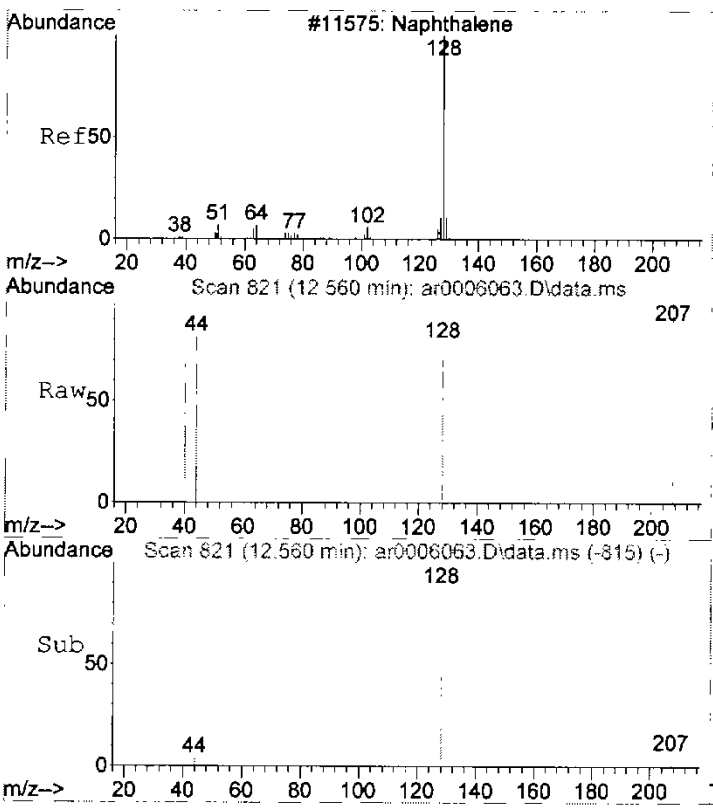


#16
o-Xylene
Concen: 0.16 ug/L
RT: 9.496 min Scan# 602
Delta R.T. 0.000 min
Lab File: ar0006063.D
Acq: 31 Mar 2007 11:14 am

Tgt Ion: 91 Resp: 2550

Ion	Ratio	Lower	Upper
91	100		
106	41.1	34.0	63.2
105	7.0	12.9	23.9#

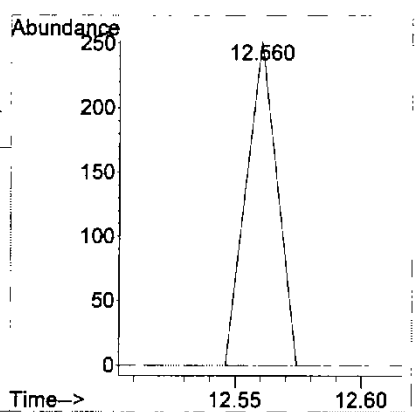




#21
Naphthalene
Concen: 0.20 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006063.D
Acq: 31 Mar 2007 11:14 am

Tgt Ion:128 Resp: 212

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



Data File Name	ar0006063.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 11:14
Acq. Method File	GBTEX.M
Sample Name	580-5402-C-20-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)	1509379	1462074	103	pass

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006064.D
Acq On : 31 Mar 2007 11:37 am
Operator : frz
Sample : 580-5402-C-20-B DU
Misc : BT=Sea041033007b
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Apr 02 08:06:06 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

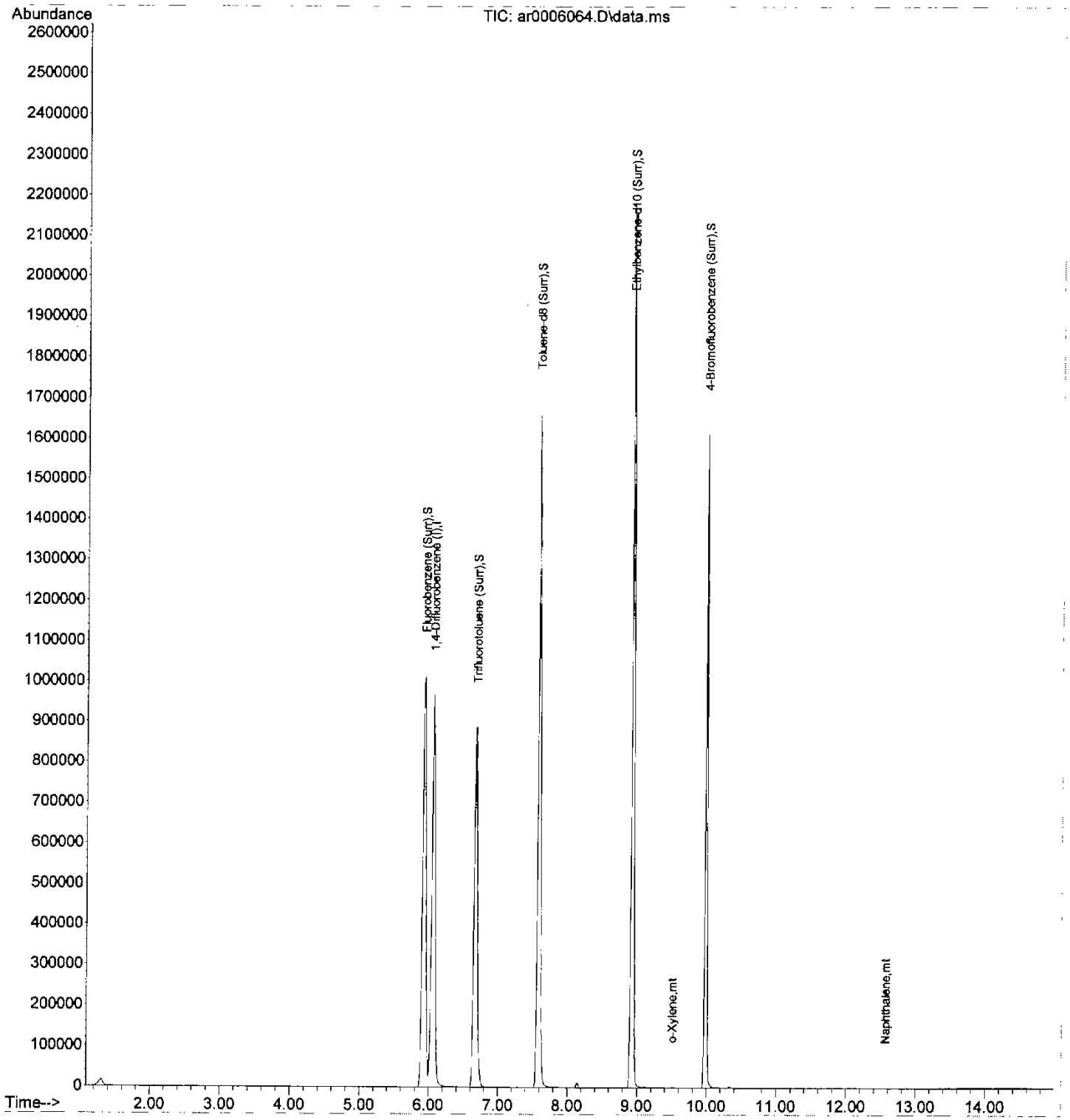
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene (I)	6.054	114	1467789	100.00	ug/L	-0.01
System Monitoring Compounds						
2) Fluorobenzene (Surr)	5.928	96	1688346	101.04	ug/L	0.00
3) Trifluorotoluene (Surr)	6.670	146	761317	97.67	ug/L	0.00
Spiked Amount 100.000	Range 82 - 120		Recovery = 97.67%			
4) Toluene-d8 (Surr)	7.579	98	1675281	100.97	ug/L	0.00
Spiked Amount 100.000			Recovery = 100.97%			
5) Ethylbenzene-d10 (Surr)	8.922	98	2152173	103.64	ug/L	-0.01
Spiked Amount 100.000			Recovery = 103.64%			
6) 4-Bromofluorobenzene (...	9.986	174	529385	108.03	ug/L	0.00
Spiked Amount 100.000	Range 84 - 135		Recovery = 108.03%			
Target Compounds						Qvalue
16) o-Xylene	9.496	91	1954	0.12	ug/L #	82
21) Naphthalene	12.560	128	179	0.20	ug/L #	73

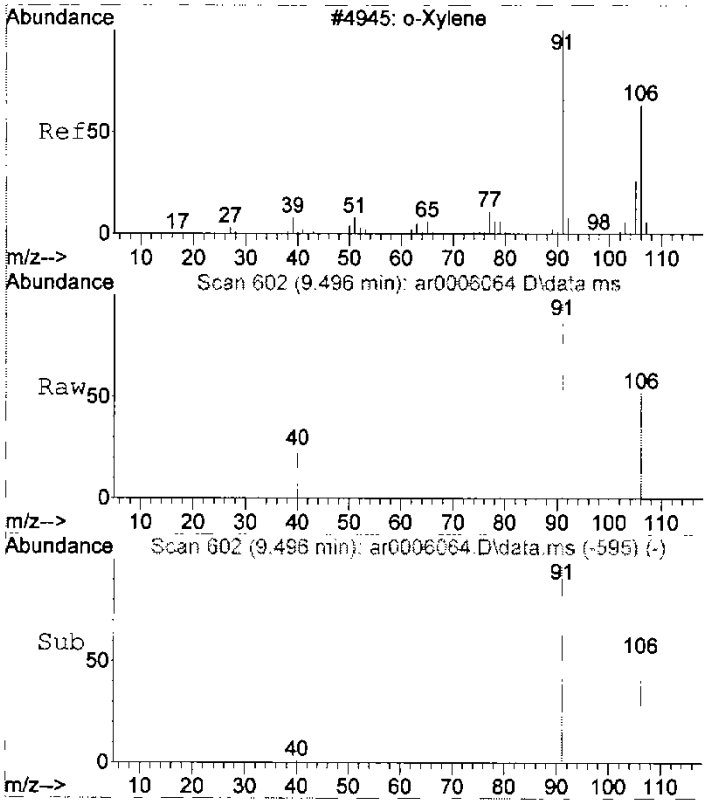
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : E:\1\data\03302007\
Data File : ar0006064.D
Acq On : 31 Mar 2007 11:37 am
Operator : frz
Sample : 580-5402-C-20-B DU
Misc : BT=Sea041033007b
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Apr 02 08:06:06 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

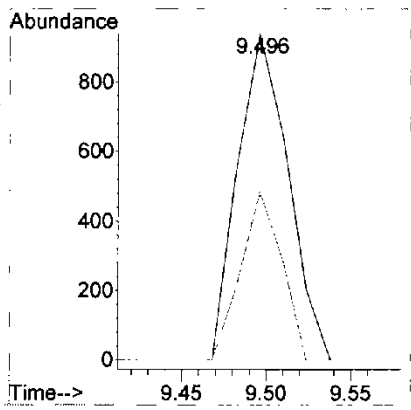


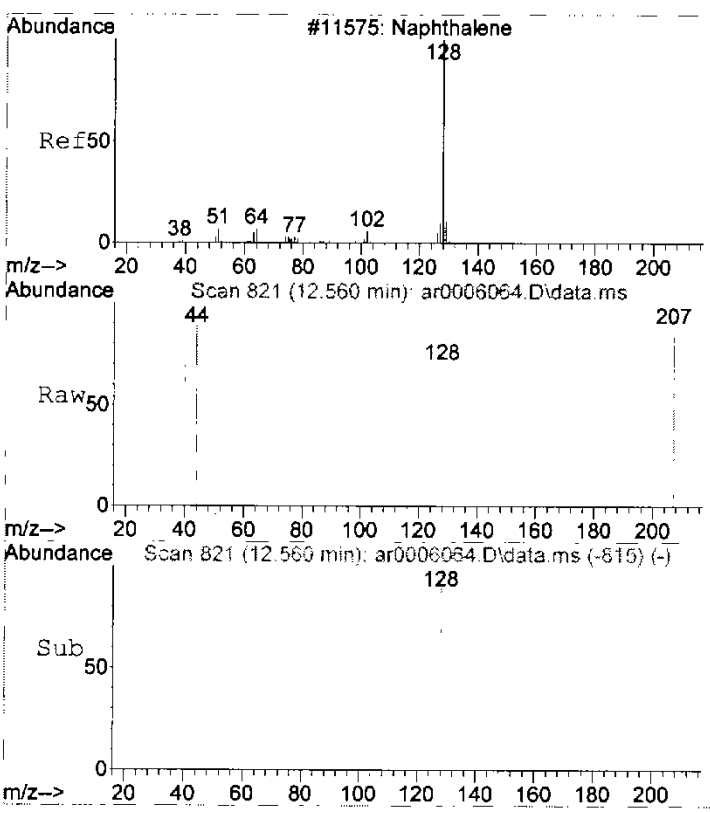


#16
o-Xylene
Concen: 0.12 ug/L
RT: 9.496 min Scan# 602
Delta R.T. 0.000 min
Lab File: ar0006064.D
Acq: 31 Mar 2007 11:37 am

Tgt Ion: 91 Resp: 1954

Ion	Ratio	Lower	Upper
91	100		
106	41.9	34.0	63.2
105	0.0	12.9	23.9#

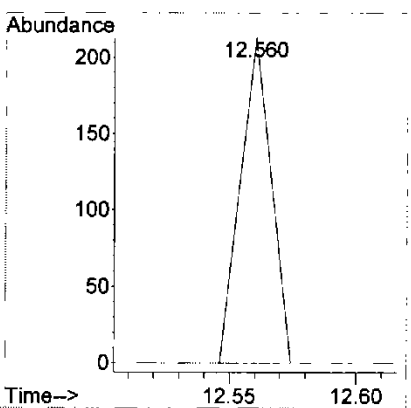




#21
Naphthalene
Concen: 0.20 ug/L
RT: 12.560 min Scan# 821
Delta R.T. -0.014 min
Lab File: ar0006064.D
Acq: 31 Mar 2007 11:37 am

Tgt Ion:128 Resp: 179

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



Data File Name	ar0006064.D
Data File Path	E:\1\data\03302007\
Operator	frz
Date Acquired	3/31/2007 11:37
Acq. Method File	GBTEX.M
Sample Name	580-5402-C-20-B 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)	1467789	1462074	100	pass

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17166

Method Code: 580-5035A_FM-580

Analyst: Zboralski, Felix

Batch Open: 3/30/2007 1:36:19PM

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~580-17166/1 N/A	N/A	10 g	400 mL	N/A	N/A	N/A		
2	LCS~580-17166/2 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	gro	
3	LCSD~580-17166/3 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	gro	
4	LCS~580-17166/4 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	8260 full spike	
5	LCSD~580-17166/5 N/A	N/A	10 g	400 mL	N/A	N/A	N/A	8260 full spike	
6	580-5407-A-2 (AK101)	N/A	15.35 g	1000 mL	4/2/07	5_Days	4		
6	580-5407-A-2 (8260B)	N/A	15.35 g	1000 mL	4/2/07	5_Days	4		
7	580-5407-A-3 (AK101)	N/A	25.72 g	1000 mL	4/2/07	5_Days	4		
7	580-5407-A-3 (8260B)	N/A	25.72 g	1000 mL	4/2/07	5_Days	4		
8	580-5407-A-4 (AK101)	N/A	22.30 g	1000 mL	4/2/07	5_Days	4		
8	580-5407-A-4 (8260B)	N/A	22.30 g	1000 mL	4/2/07	5_Days	4		
9	580-5401-A-2 (8260B)	N/A	10.236 g	400 mL	4/4/07	8_Days - R	4		
10	580-5401-A-6 (NWTPH_Gx)	N/A	10.676 g	400 mL	4/4/07	8_Days - R	4		
11	580-5401-A-12 (NWTPH_Gx)	N/A	10.319 g	400 mL	4/4/07	8_Days - R	4		
12	580-5401-D-15 (8260B)	N/A	10.455 g	400 mL	4/4/07	8_Days - R	4		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17166 Analyst: Zboralski, Felix Batch Open: 3/30/2007 1:36:19PM

Method Code: 580-5035A_FM-580 Batch End:

13	580-5401-A-16 (NWTPH_Gx)	N/A	10.845 g	400 mL	4/4/07	8_Days - R	4		
14	580-5401-A-19 (NWTPH_Gx)	N/A	10.345 g	400 mL	4/4/07	8_Days - R	4		
15	580-5401-A-25 (NWTPH_Gx)	N/A	10.544 g	400 mL	4/4/07	8_Days - R	4		
16	580-5402-C-6 (NWTPH_Gx)	N/A	10.893 g	400 mL	4/4/07	8_Days - R	4		
17	580-5402-C-7 (8260B)	N/A	10.718 g	400 mL	4/4/07	8_Days - R	4		
18	580-5402-C-7~DU (8260B)	N/A	10.256 g	400 mL	4/4/07	8_Days - R	4		
19	580-5402-C-7~MS (8260B)	N/A	10.878 g	400 mL	4/4/07	8_Days - R	4		
20	580-5402-C-10 (NWTPH_Gx)	N/A	10.752 g	400 mL	4/4/07	8_Days - R	4		
21	580-5402-C-13 (NWTPH_Gx)	N/A	10.891 g	400 mL	4/4/07	8_Days - R	4		
22	580-5402-C-17 (NWTPH_Gx)	N/A	10.640 g	400 mL	4/4/07	8_Days - R	4		
23	580-5402-C-20 (NWTPH_Gx)	N/A	10.445 g	400 mL	4/4/07	8_Days - R	4		
24	580-5402-C-20~DU (NWTPH_Gx)	N/A	10.716 g	400 mL	4/4/07	8_Days - R	4		
25	580-5402-C-20~MS (NWTPH_Gx)	N/A	10.734 g	400 mL	4/4/07	8_Days - R	4		
26	580-5411-D-6 (NWTPH_Gx)	N/A	10.774 g	400 mL	4/5/07	8_Days - R	4		
27	580-5411-D-8 (NWTPH_Gx)	N/A	10.774 g	400 mL	4/5/07	8_Days - R	4		
28	580-5411-D-13 (NWTPH_Gx)	N/A	10.397 g	400 mL	4/5/07	8_Days - R	4	org smp(10.738g) broke, smp reweighed	
29	580-5407-A-1 N/A	N/A	25 g	1000 mL	N/A	N/A	N/A		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17166

Method Code: 580-5035A_FM-580

Analyst: Zboralski, Felix

Batch Open: 3/30/2007 1:36:19PM

Batch End:

Batch Notes

Batch Comment

Comments

Login Comments for Job 5401: Verified pH<2 in preserved bottles

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17166

Method Code: 580-5035A_FM-580

Analyst: Zboralski, Felix

Batch Open: 3/30/2007 1:36:19PM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17166/1	V-4TFT-EX_00004	10 mL	400 mL		
LCS 580-17166/2	GxBTEXMix2_00010	80 uL	400 mL		
LCS 580-17166/2	V-4TFT-EX_00004	10 mL	400 mL		
LCSD 580-17166/3	GxBTEXMix2_00010	80 uL	400 mL		
LCSD 580-17166/3	V-4TFT-EX_00004	10 mL	400 mL		
LCS 580-17166/4	Medsoilspk_00011	10 uL	400 mL		
LCS 580-17166/4	V-4TFT-EX_00004	10 mL	400 mL		
LCSD 580-17166/5	Medsoilspk_00011	10 uL	400 mL		
LCSD 580-17166/5	V-4TFT-EX_00004	10 mL	400 mL		
580-5407-A-2	V-4TFT-EX_00004	25 mL	1000 mL		
580-5407-A-3	V-4TFT-EX_00004	25 mL	1000 mL		
580-5407-A-4	V-4TFT-EX_00004	25 mL	1000 mL		
580-5401-A-2	V-4TFT-EX_00004	10 mL	400 mL		
580-5401-A-6	V-4TFT-EX_00004	10 mL	400 mL		
580-5401-A-12	V-4TFT-EX_00004	10 mL	400 mL		
580-5401-D-15	V-4TFT-EX_00004	10 mL	400 mL		
580-5401-A-16	V-4TFT-EX_00004	10 mL	400 mL		
580-5401-A-19	V-4TFT-EX_00004	10 mL	400 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17166

Analyst: Zboralski, Felix

Batch Open: 3/30/2007 1:36:19PM

Method Code: 580-5035A_FM-580

Batch End:

580-5401-A-25	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-6	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-7	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-7 DU	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-7 MS	Medsoilspk_00011	10 uL	400 mL		
580-5402-C-7 MS	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-10	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-13	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-17	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-20	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-20 DU	V-4TFT-EX_00004	10 mL	400 mL		
580-5402-C-20 MS	GxBTEXMix2_00010	80 uL	400 mL		
580-5402-C-20 MS	V-4TFT-EX_00004	10 mL	400 mL		
580-5411-D-6	V-4TFT-EX_00004	10 mL	400 mL		
580-5411-D-8	V-4TFT-EX_00004	10 mL	400 mL		
580-5411-D-13	V-4TFT-EX_00004	10 mL	400 mL		
580-5407-A-1	V-4TFT-EX_00004	25 mL	1000 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17166

Analyst: Zboralski, Felix

Batch Open: 3/30/2007 1:36:19PM

Method Code: 580-5035A_FM-580

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

GASOLINE RANGE ORGANICS DATA PACKAGE

SAMPLE DATA

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006044.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 4:09 am
Operator : frz
Sample : 580-5407-A-1-A
Misc : BT=Sea041033007b
ALS Vial : 48 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:59 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	817613	84.614 ug/L
Spiked Amount 100.000		Recovery =	84.61%
2) S Fluorobenzene (Surr)	5.938	922013	91.919 ug/L
Spiked Amount 100.000		Recovery =	91.92%
3) S Trifluorotoluene (Surr)	6.676	815412	101.614 ug/L
Spiked Amount 100.000 Range 69 - 120		Recovery =	101.61%
4) S Toluene-d8 (Surr)	7.590	1346891	105.351 ug/L
Spiked Amount 100.000		Recovery =	105.35%
5) S Ethylbenzene-d10 (Surr)	8.929	1480750	103.143 ug/L
Spiked Amount 100.000		Recovery =	103.14%
6) S 4-Bromofluorobenzene ...	9.982	774465	97.803 ug/L
Spiked Amount 100.000 Range 70 - 120		Recovery =	97.80%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	145662	9.471 ug/L
8) H C6-C10	6.960	90120	<MDL ug/L
9) H C6-C12	7.950	132782	<MDL ug/L

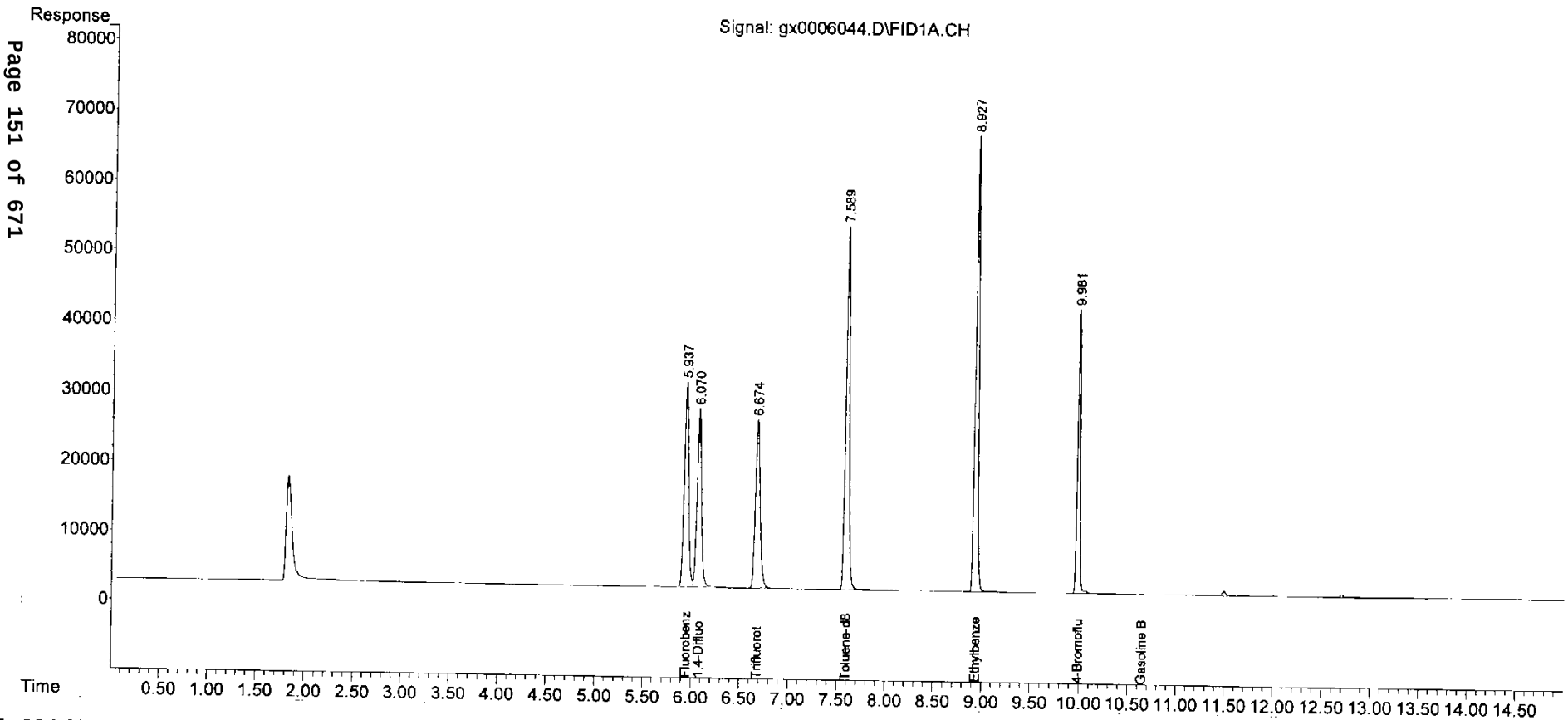
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Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006044.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 4:09 am
Operator : frz
Sample : 580-5407-A-1-A
Misc : BT=Sea041033007b
ALS Vial : 48 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:59 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\03302007\
Data File : gx0006045.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 4:31 am
Operator : frz
Sample : 580-5407-A-2-A
Misc : BT=Sea041033007b
ALS Vial : 49 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:03 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	805044	83.314 ug/L
Spiked Amount 100.000		Recovery =	83.31%
2) S Fluorobenzene (Surr)	5.939	912310	90.952 ug/L
Spiked Amount 100.000		Recovery =	90.95%
3) S Trifluorotoluene (Surr)	6.676	671806	83.718 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	83.72%
4) S Toluene-d8 (Surr)	7.591	1331468	104.145 ug/L
Spiked Amount 100.000		Recovery =	104.15%
5) S Ethylbenzene-d10 (Surr)	8.930	1451301	101.092 ug/L
Spiked Amount 100.000		Recovery =	101.09%
6) S 4-Bromofluorobenzene ...	9.983	748270	94.495 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	94.50%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	361964	56.979 ug/L
8) H C6-C10	6.960	159581	19.672 ug/L
9) H C6-C12	7.950	307008	32.668 ug/L
10) H CA 8015B	6.900	192581	<MDL ug/L

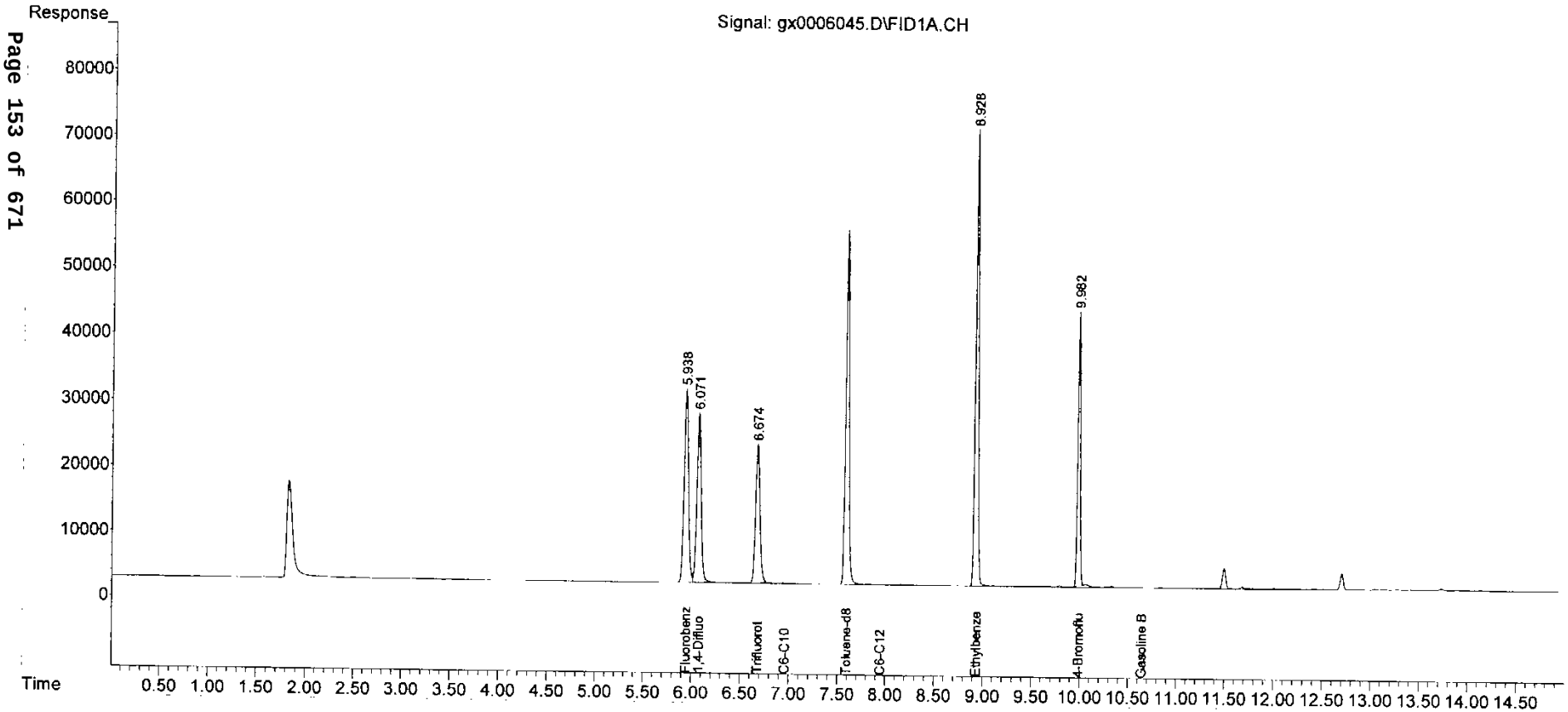
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Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006045.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 4:31 am
Operator : frz
Sample : 580-5407-A-2-A
Misc : BT=Sea041033007b
ALS Vial : 49 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:03 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\03302007\
Data File : gx0006046.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 4:53 am
Operator : frz
Sample : 580-5407-A-3-A
Misc : BT=Sea041033007b
ALS Vial : 50 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:07 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	836132	86.531 ug/L
Spiked Amount 100.000		Recovery =	86.53%
2) S Fluorobenzene (Surr)	5.942	941277	93.840 ug/L
Spiked Amount 100.000		Recovery =	93.84%
3) S Trifluorotoluene (Surr)	6.679	651469	81.184 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	81.18%
4) S Toluene-d8 (Surr)	7.594	1372991	107.393 ug/L
Spiked Amount 100.000		Recovery =	107.39%
5) S Ethylbenzene-d10 (Surr)	8.929	1477243	102.899 ug/L
Spiked Amount 100.000		Recovery =	102.90%
6) S 4-Bromofluorobenzene ...	9.982	771251	97.398 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	97.40%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	181327	17.305 ug/L
8) H C6-C10	6.960	109551	<MDL ug/L
9) H C6-C12	7.950	182747	16.441 ug/L
10) H CA 8015B	6.900	130732	<MDL ug/L

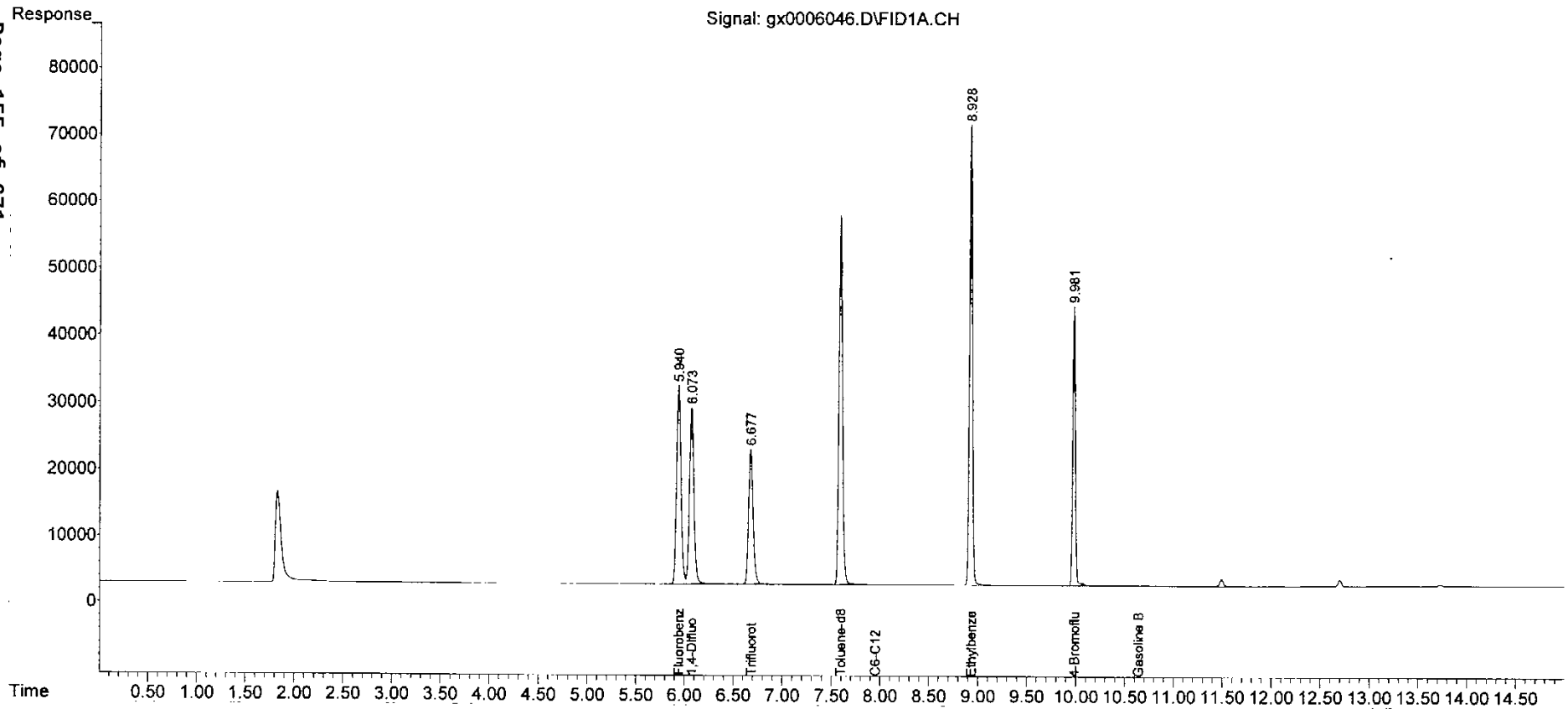
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006046.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 4:53 am
Operator : frz
Sample : 580-5407-A-3-A
Misc : BT=Sea041033007b
ALS Vial : 50 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:07 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\03302007\
Data File : gx0006047.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 5:16 am
Operator : frz
Sample : 580-5407-A-4-A
Misc : BT=Sea041033007b
ALS Vial : 51 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:11 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	828081	85.698 ug/L
Spiked Amount 100.000		Recovery =	85.70%
2) S Fluorobenzene (Surr)	5.939	934377	93.152 ug/L
Spiked Amount 100.000		Recovery =	93.15%
3) S Trifluorotoluene (Surr)	6.677	689804	85.961 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	85.96%
4) S Toluene-d8 (Surr)	7.591	1345671	105.256 ug/L
Spiked Amount 100.000		Recovery =	105.26%
5) S Ethylbenzene-d10 (Surr)	8.928	1469608	102.367 ug/L
Spiked Amount 100.000		Recovery =	102.37%
6) S 4-Bromofluorobenzene ...	9.981	770387	97.288 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	97.29%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	161029	12.846 ug/L
8) H C6-C10	6.960	91836	<MDL ug/L
9) H C6-C12	7.950	136261	<MDL ug/L

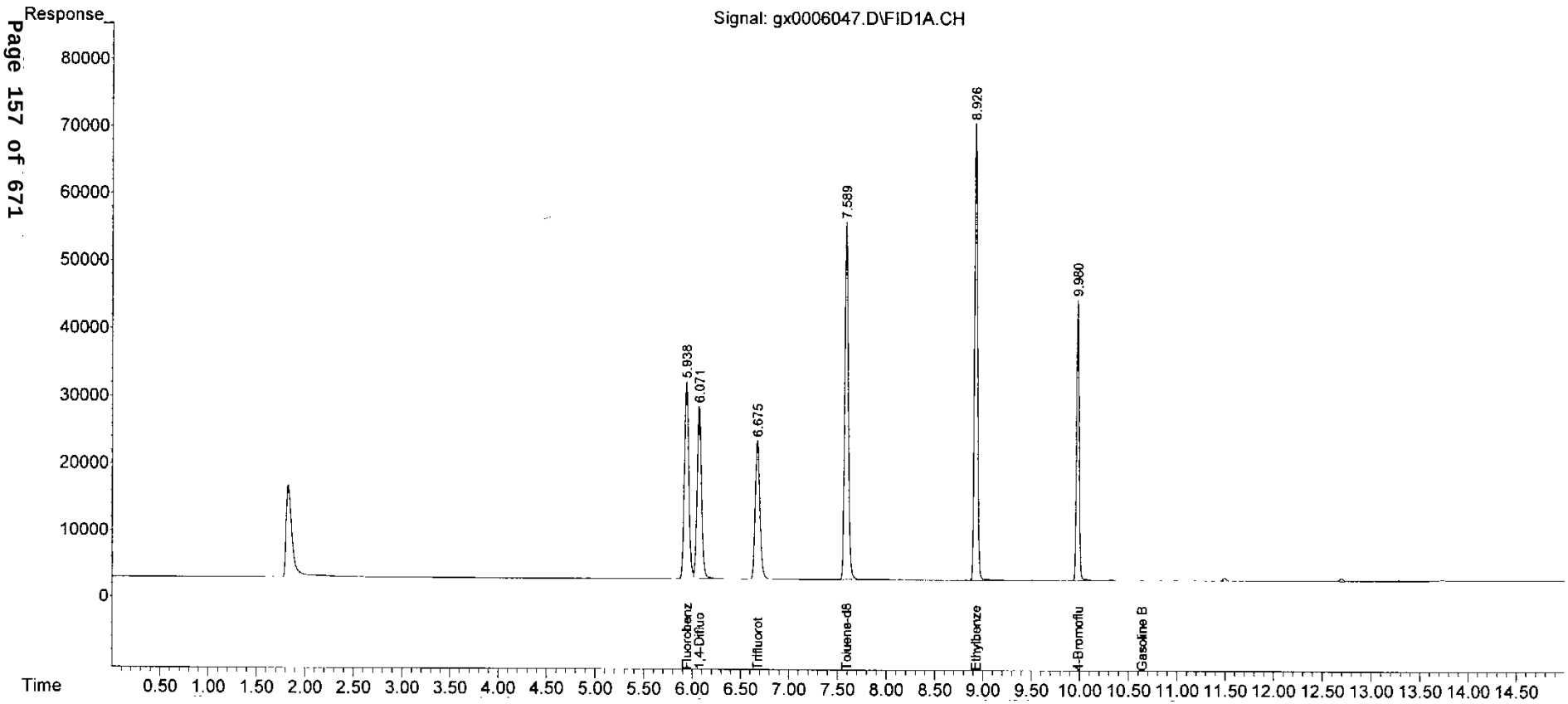
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006047.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 5:16 am
Operator : frz
Sample : 580-5407-A-4-A
Misc : BT=Sea041033007b
ALS Vial : 51 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:11 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

Quantitation Report (Not Reviewed)

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

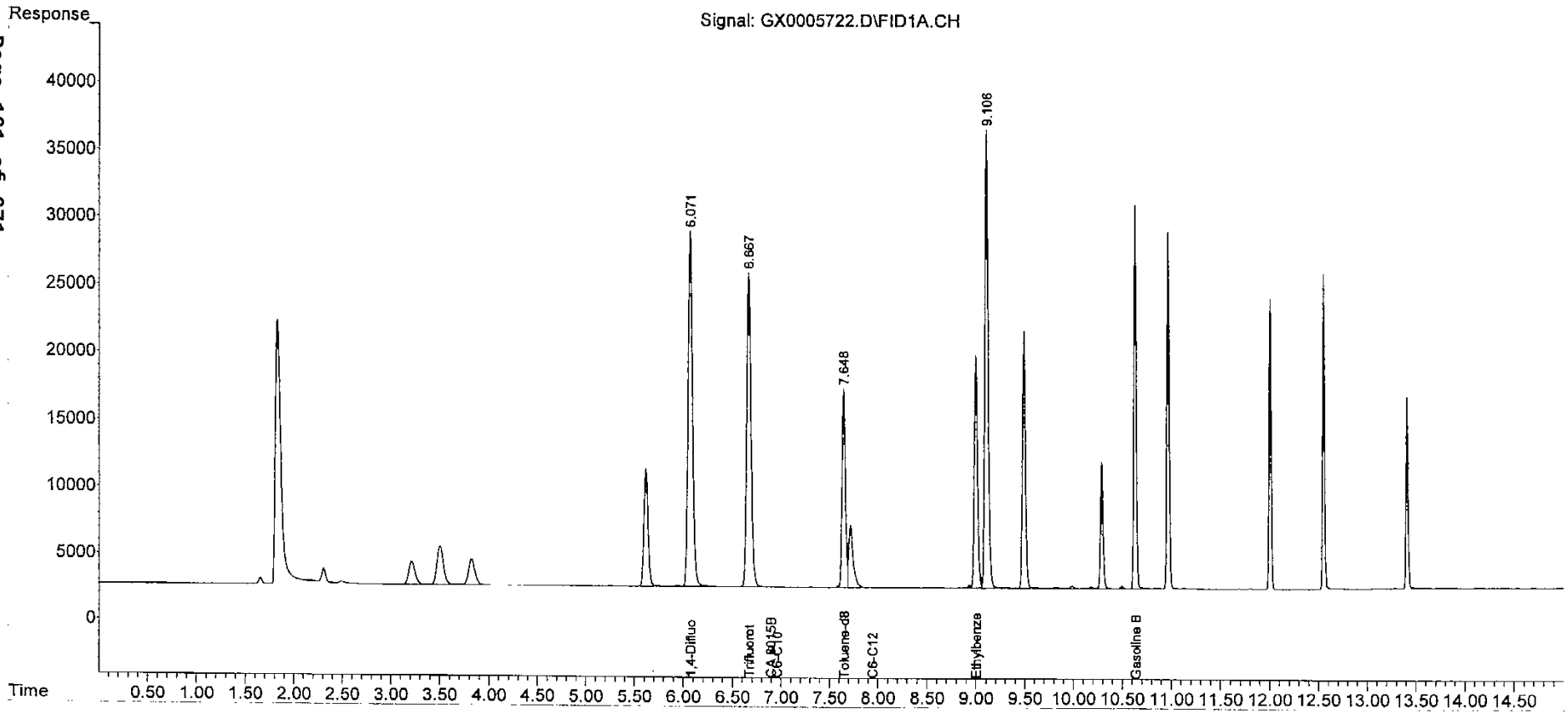
(f)=RT Delta > 1/2 Window (m)=manual int.

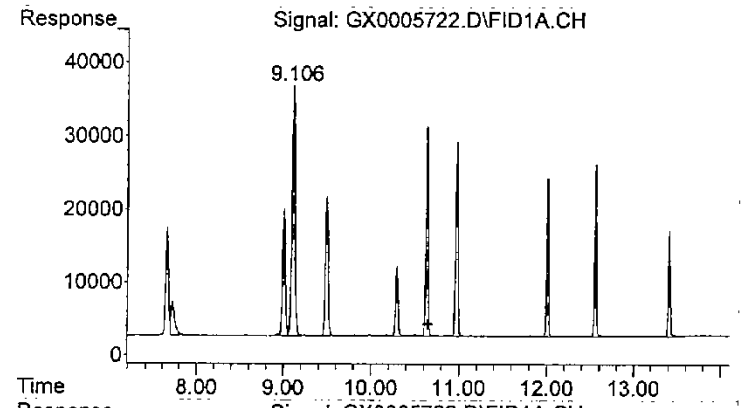
Quantitation Report (Not Reviewed)

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

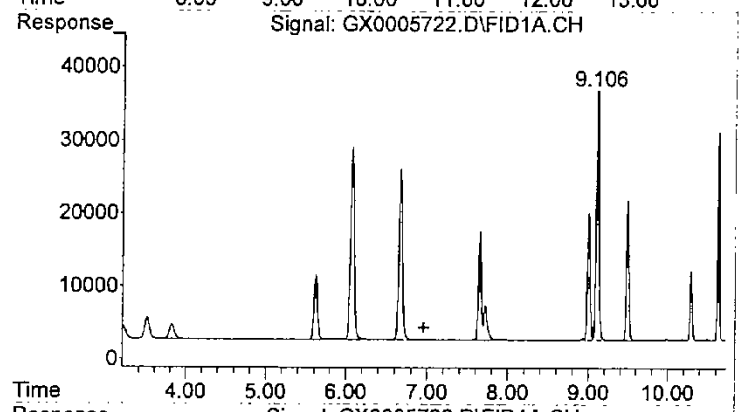
Volume Inj. :
Signal Phase :
Signal Info :





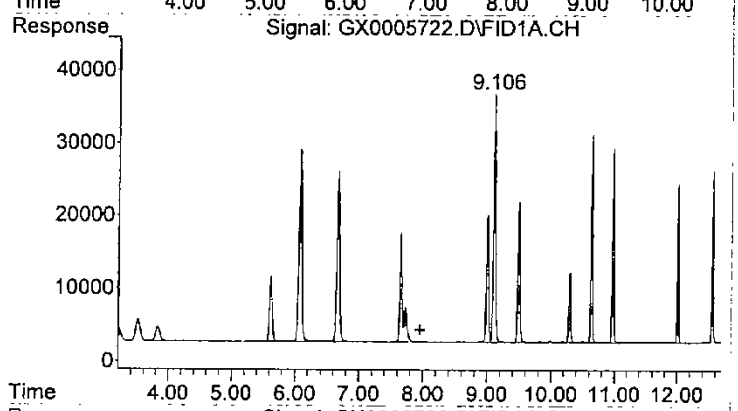
#7 Gasoline By NWTPH-G

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 3453570
Conc: 736.01 ug/L m



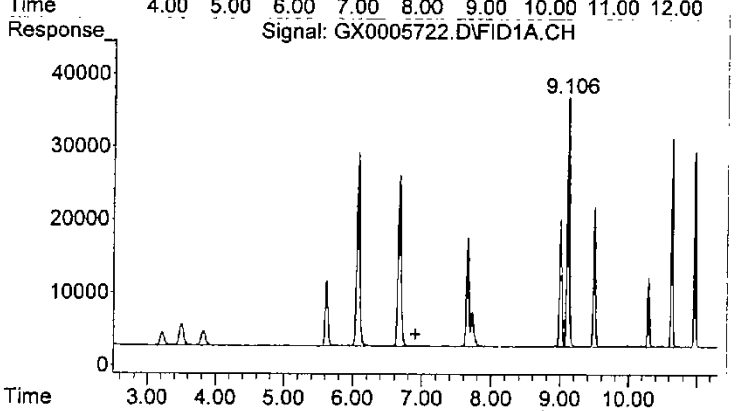
#8 C6-C10

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

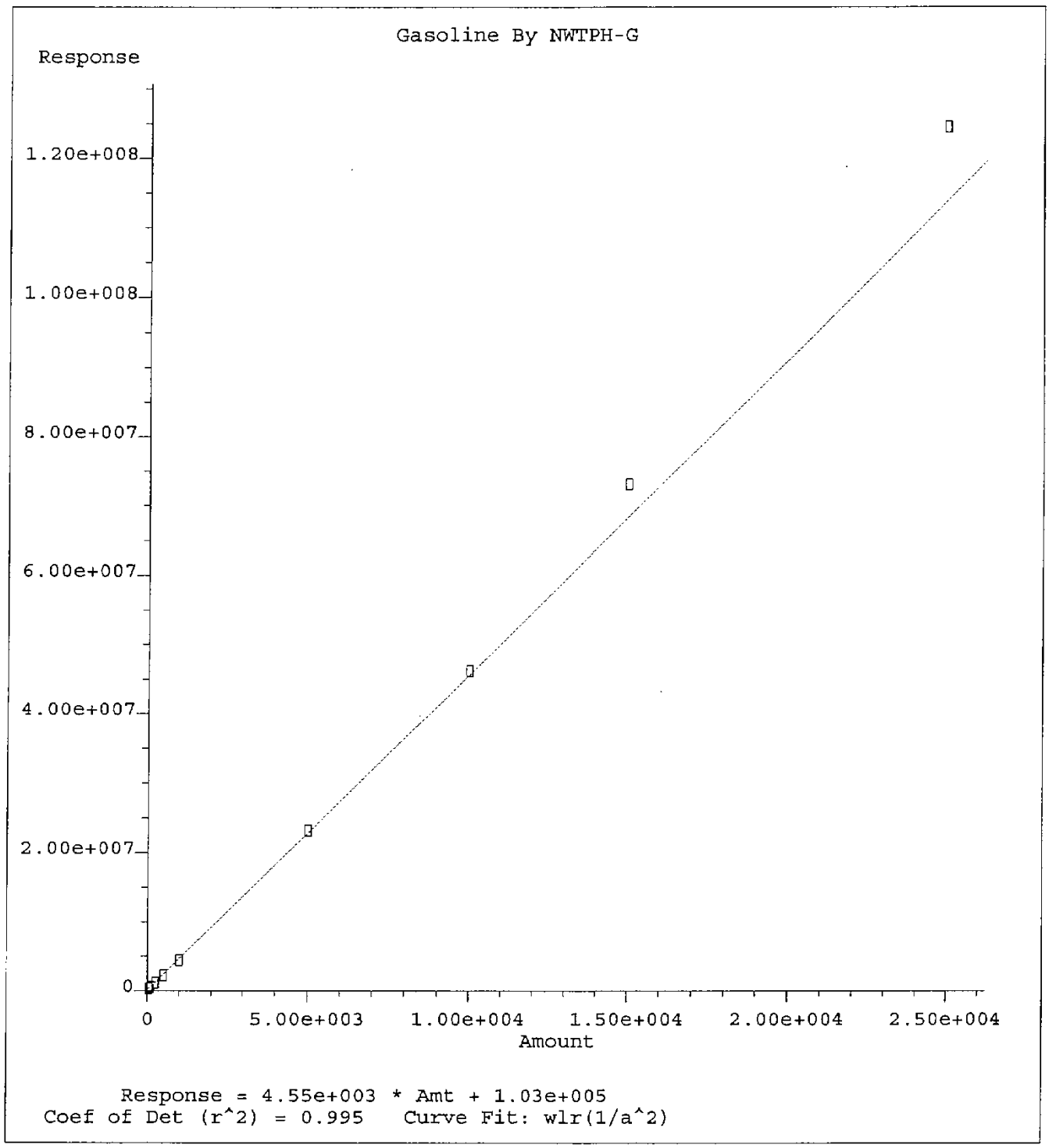
R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 2708550
Conc: 383.03 ug/L m

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

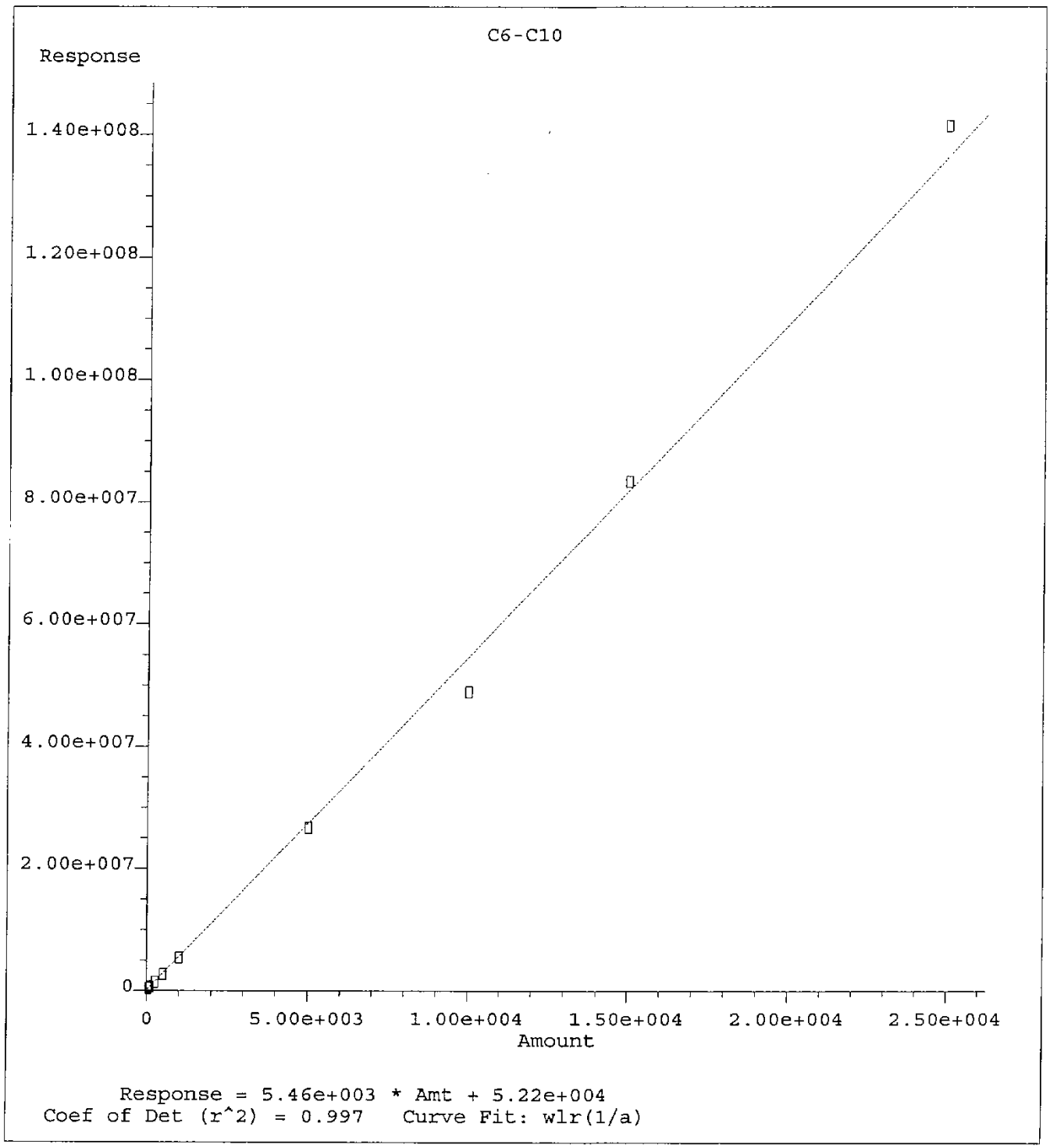
Calibration Files
ccc =GX0005735.D 50 =GX0005725.D 100 =GX0005726.D
250 =GX0005727.D 500 =GX0005728.D 1000 =GX0005729.D

		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

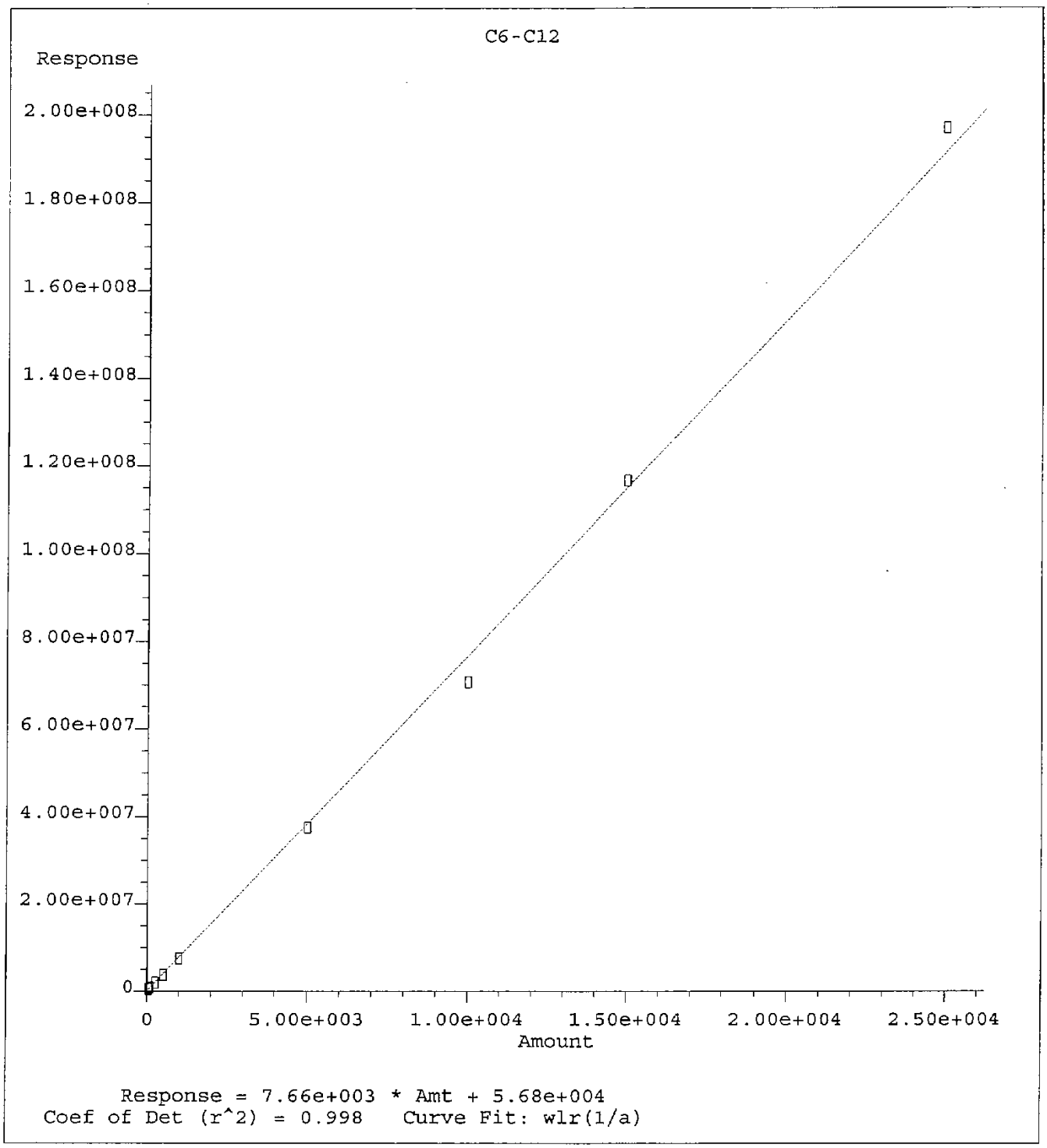
(#) = Out of Range ### Number of calibration levels exceeded format ###



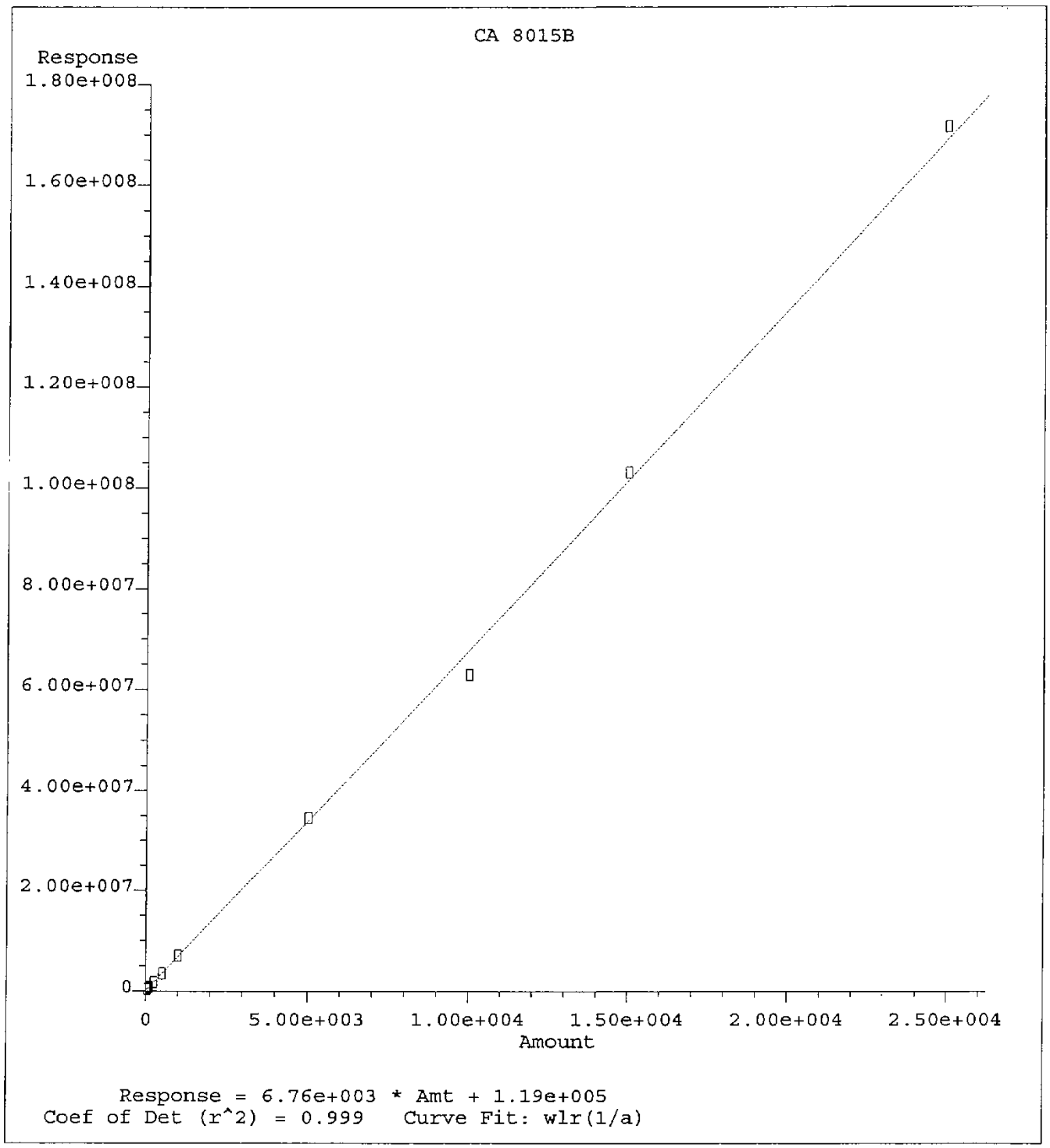
Method Name: E:\2\Methods\GAS_03162007.M
Calibration Table Last Updated: Wed Mar 21 17:24:41 2007



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

Quantitation Report (Not Reviewed)

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

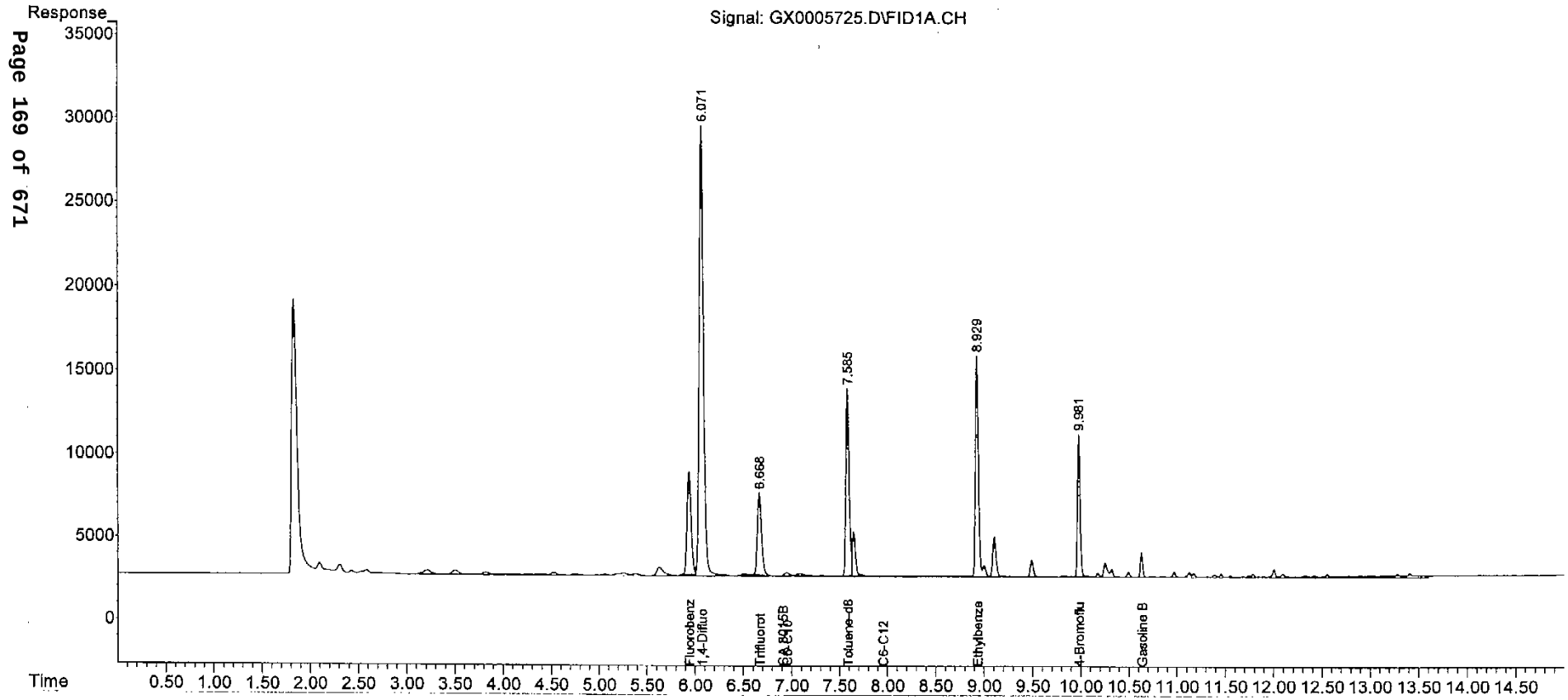
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

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 :



Quantitation Report (Not Reviewed)

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

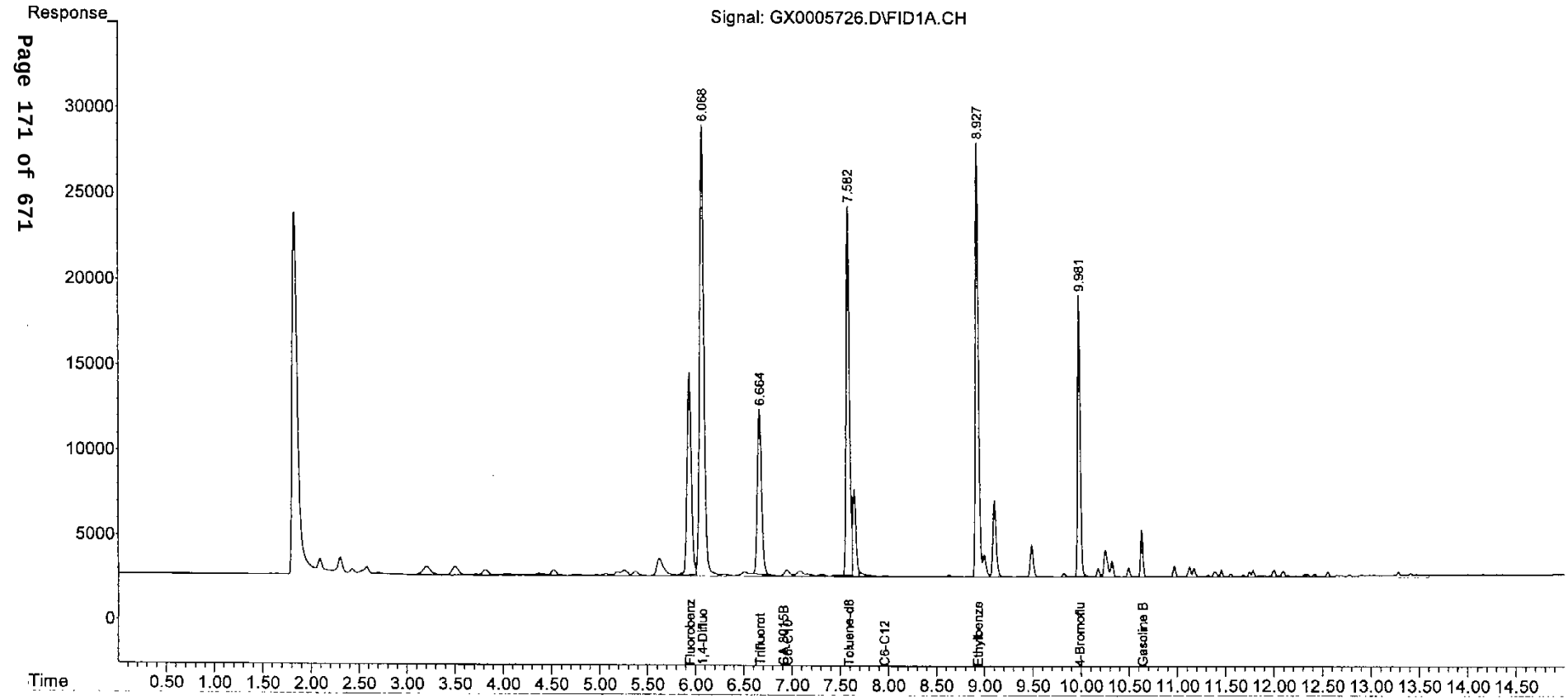
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

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 :

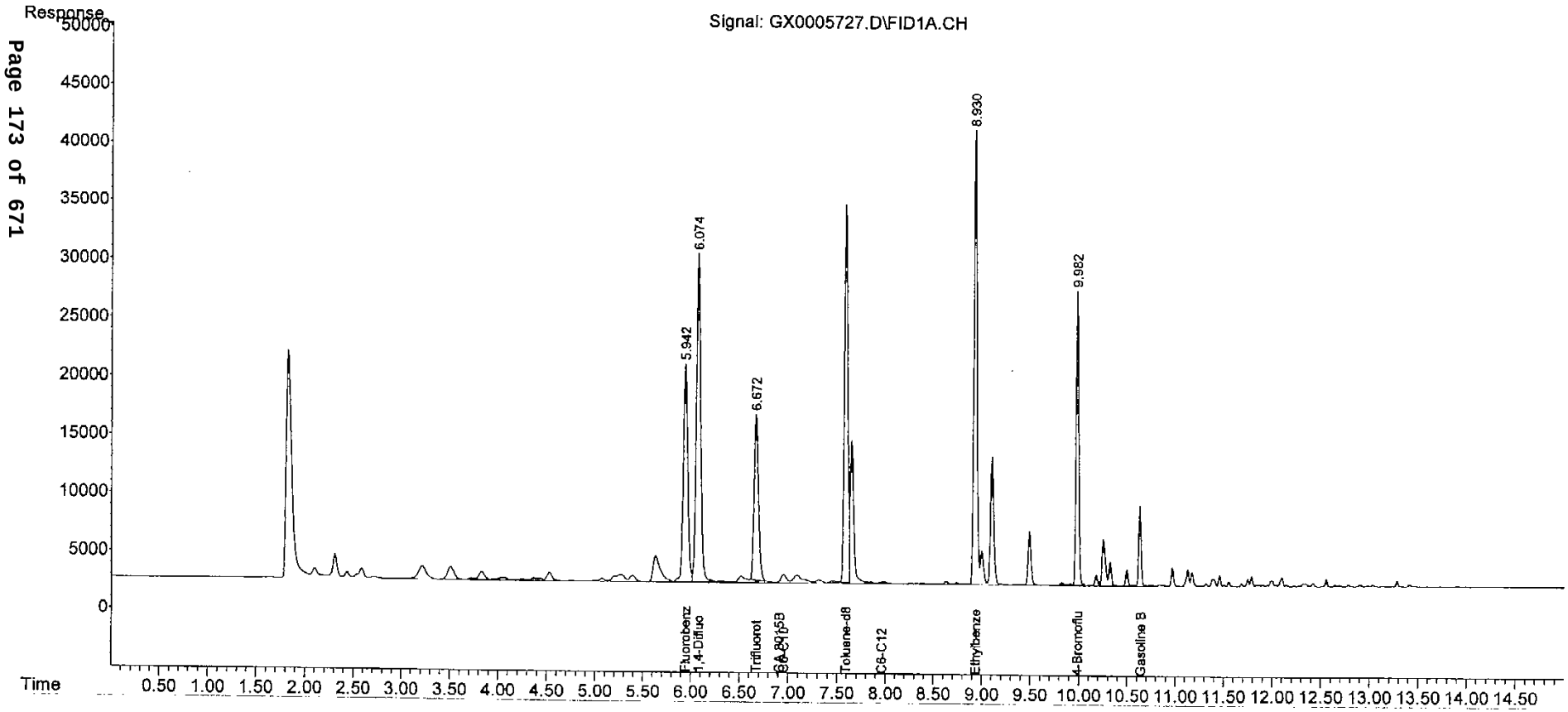
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.076	875928	90.649 ug/L
Spiked Amount 100.000		Recovery =	90.65%
2) S Fluorobenzene (Surr)	5.943	595655	59.383 ug/L
Spiked Amount 100.000		Recovery =	59.38%
3) S Trifluorotoluene (Surr)	6.674	443843	55.310 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 :



Quantitation Report (Not Reviewed)

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

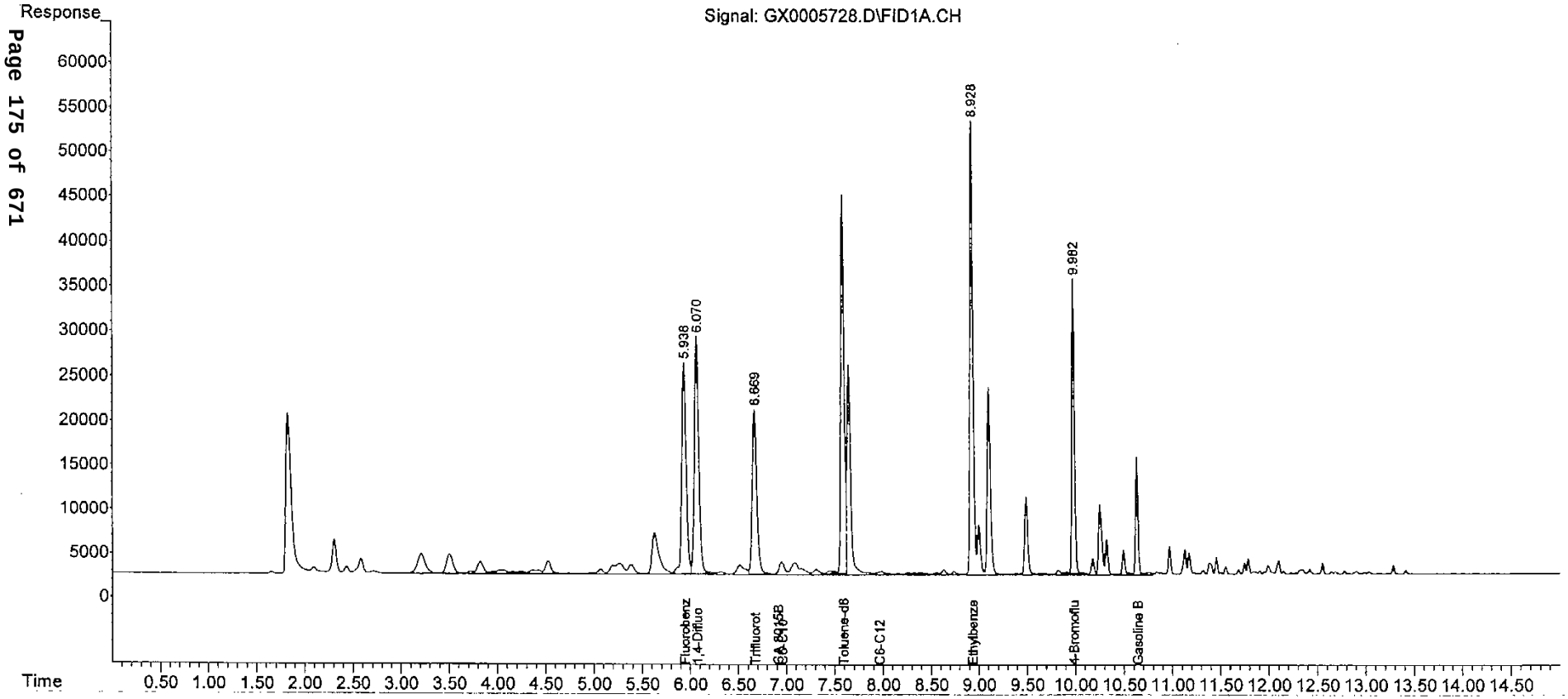
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

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 :



Quantitation 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 :

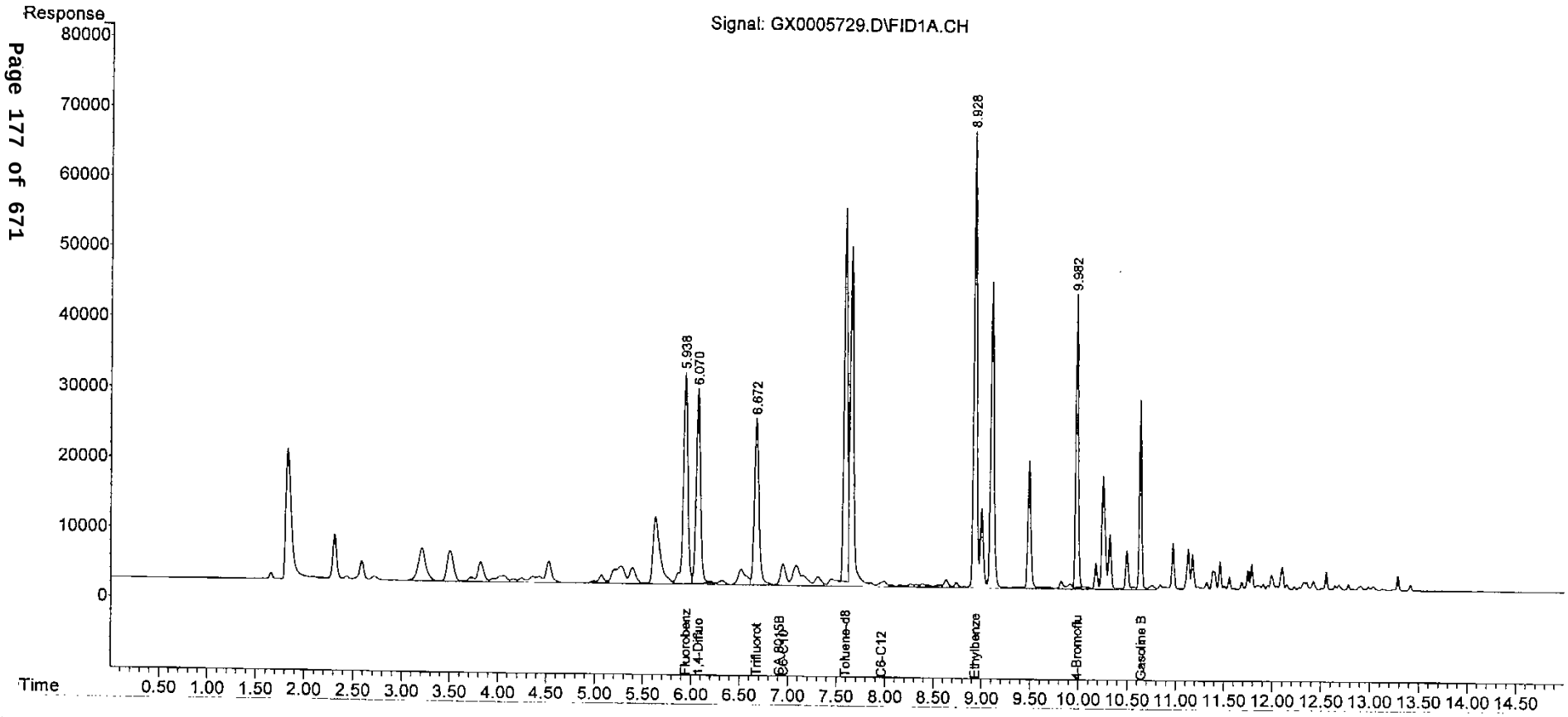
Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
1) S 1,4-Difluorobenzene (I)	6.071	870806	90.119 ug/L
Spiked Amount 100.000		Recovery =	90.12%
2) S Fluorobenzene (Surr)	5.939	971938	96.897 ug/L
Spiked Amount 100.000		Recovery =	96.90%
3) S Trifluorotoluene (Surr)	6.673	781259	97.358 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.

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

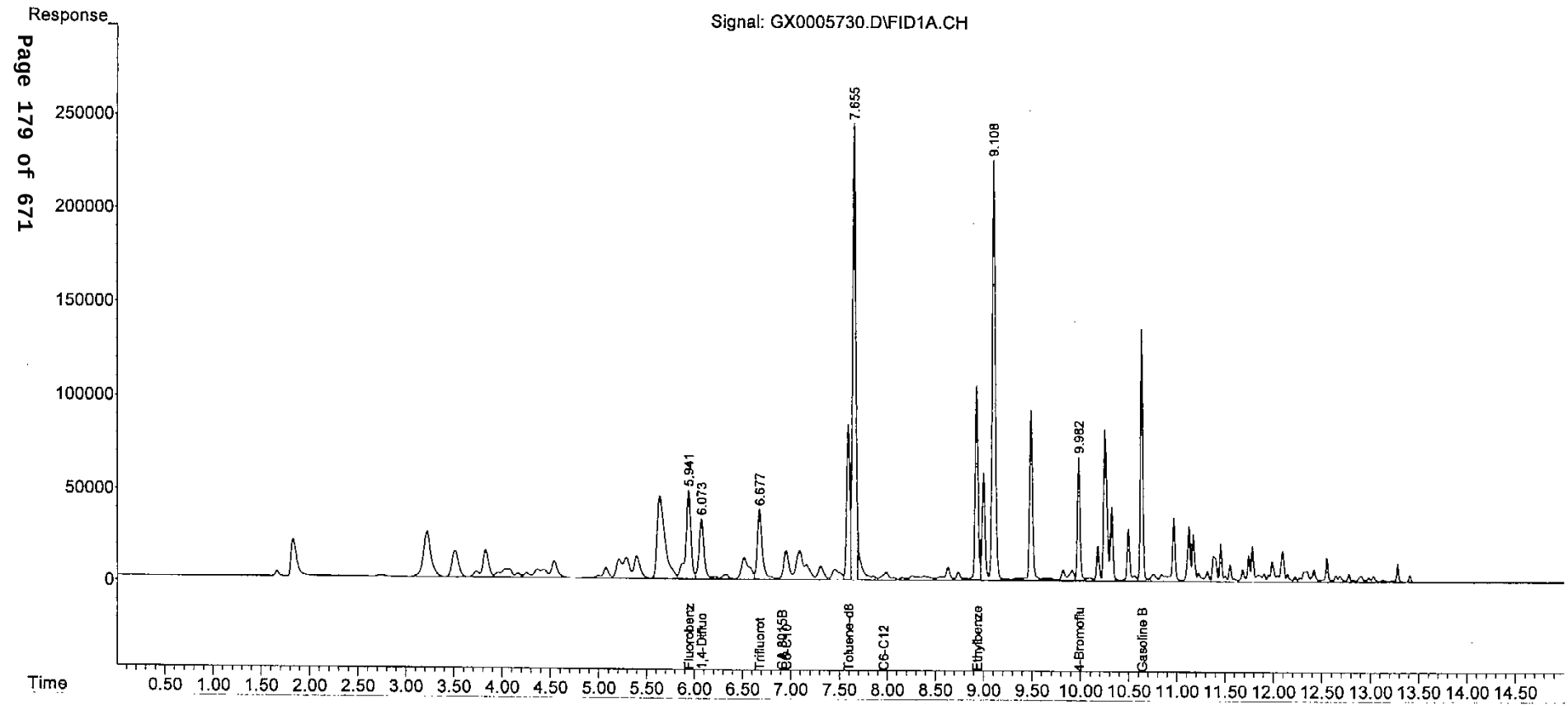
(f)=RT Delta > 1/2 Window (m)=manual int.

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 :



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

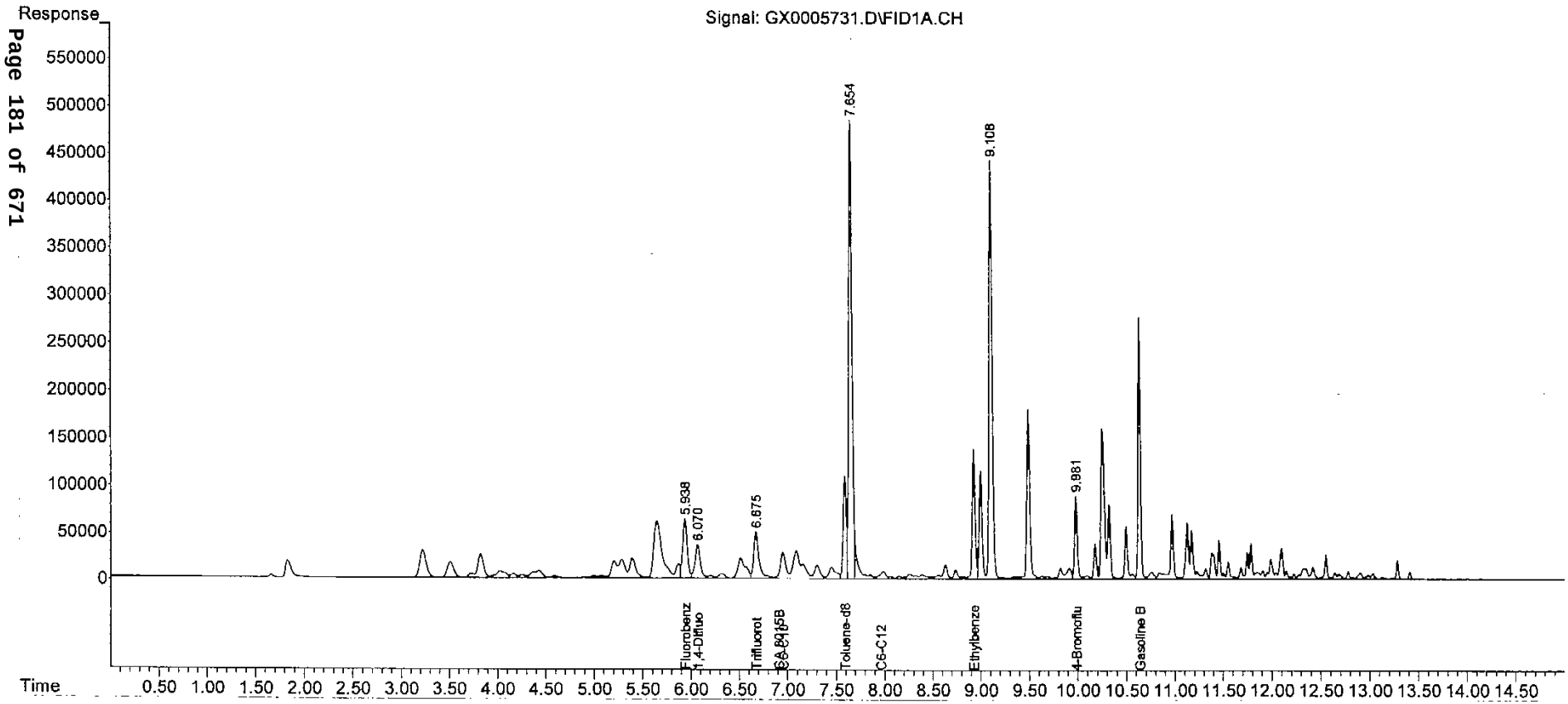
(f)=RT Delta > 1/2 Window (m)=manual int.

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 :



Quantitation Report (Not Reviewed)

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

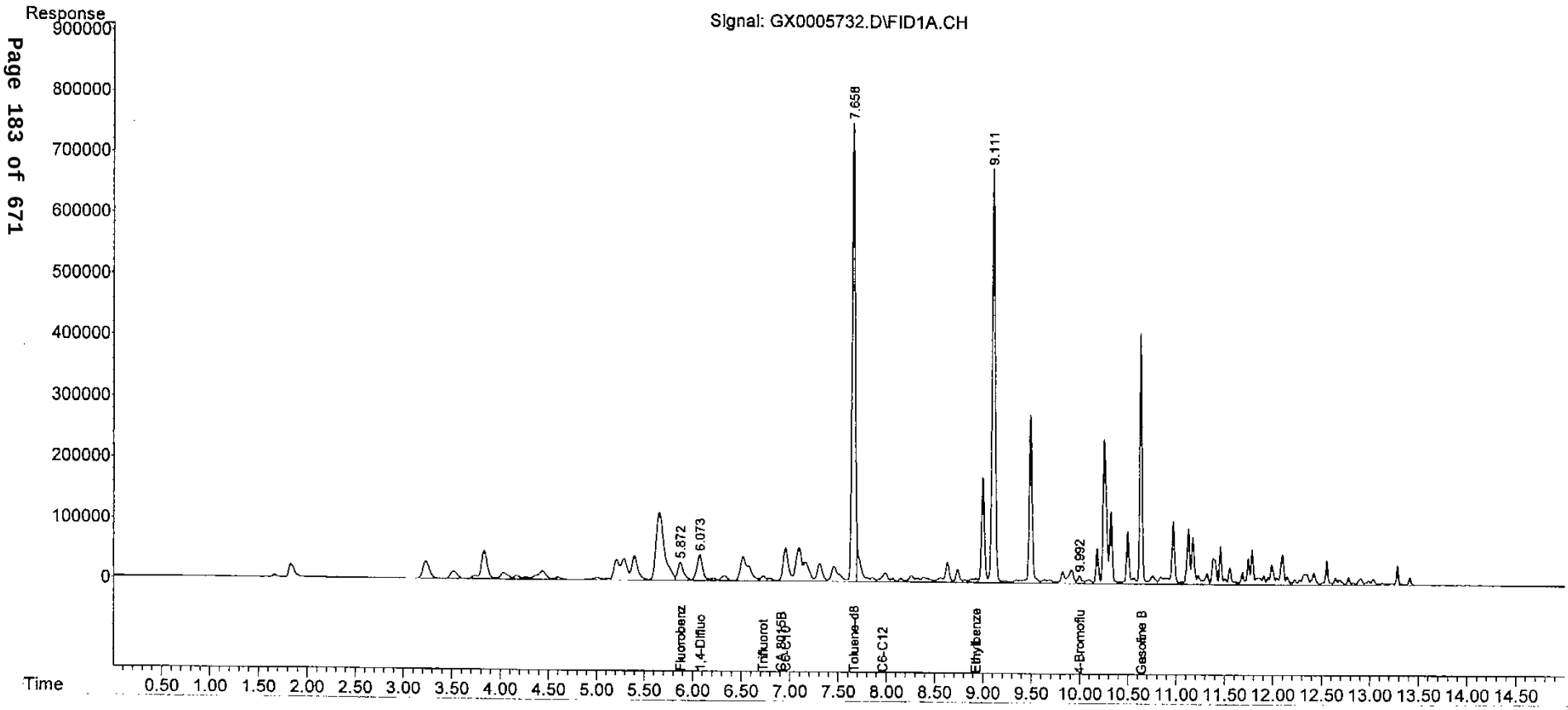
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

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 :



Quantitation Report (Not Reviewed)

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

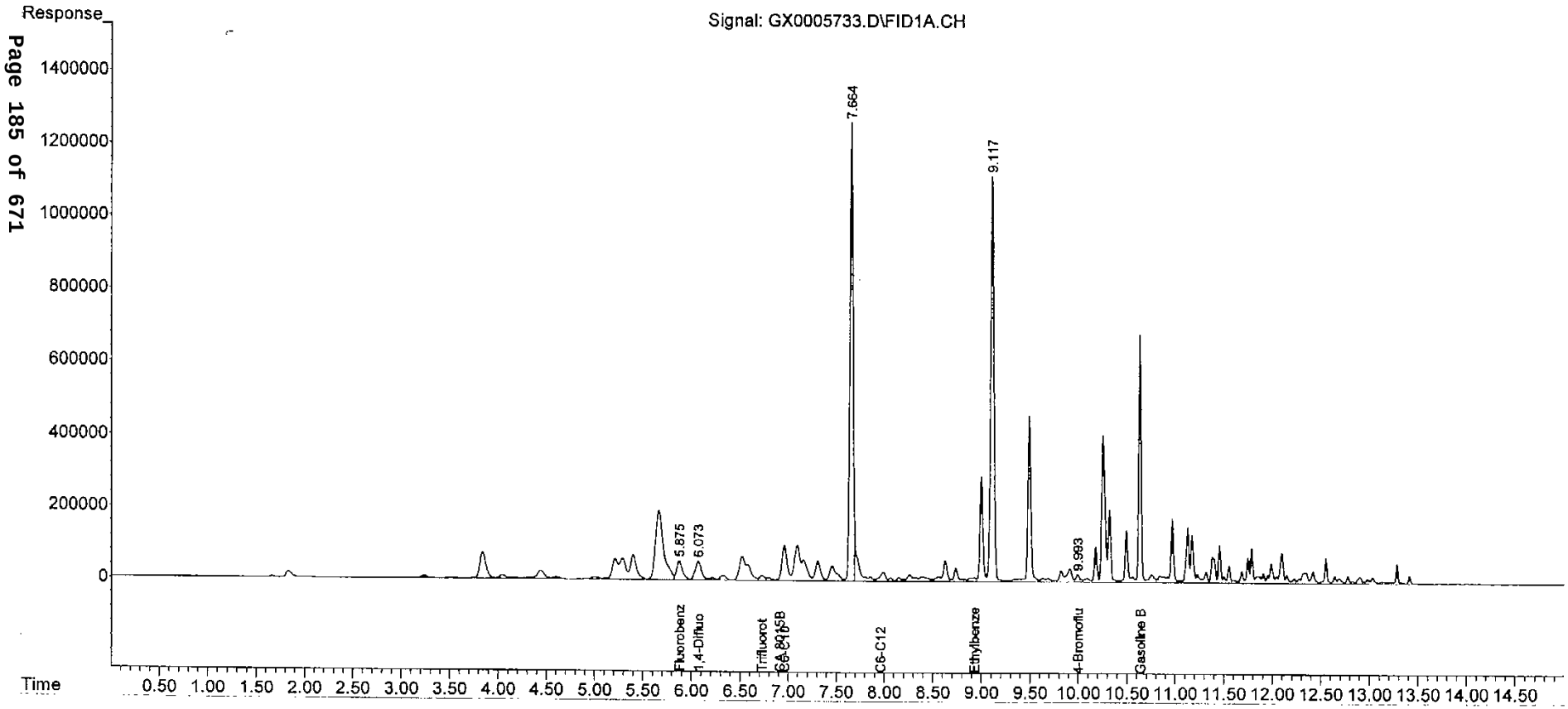
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

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

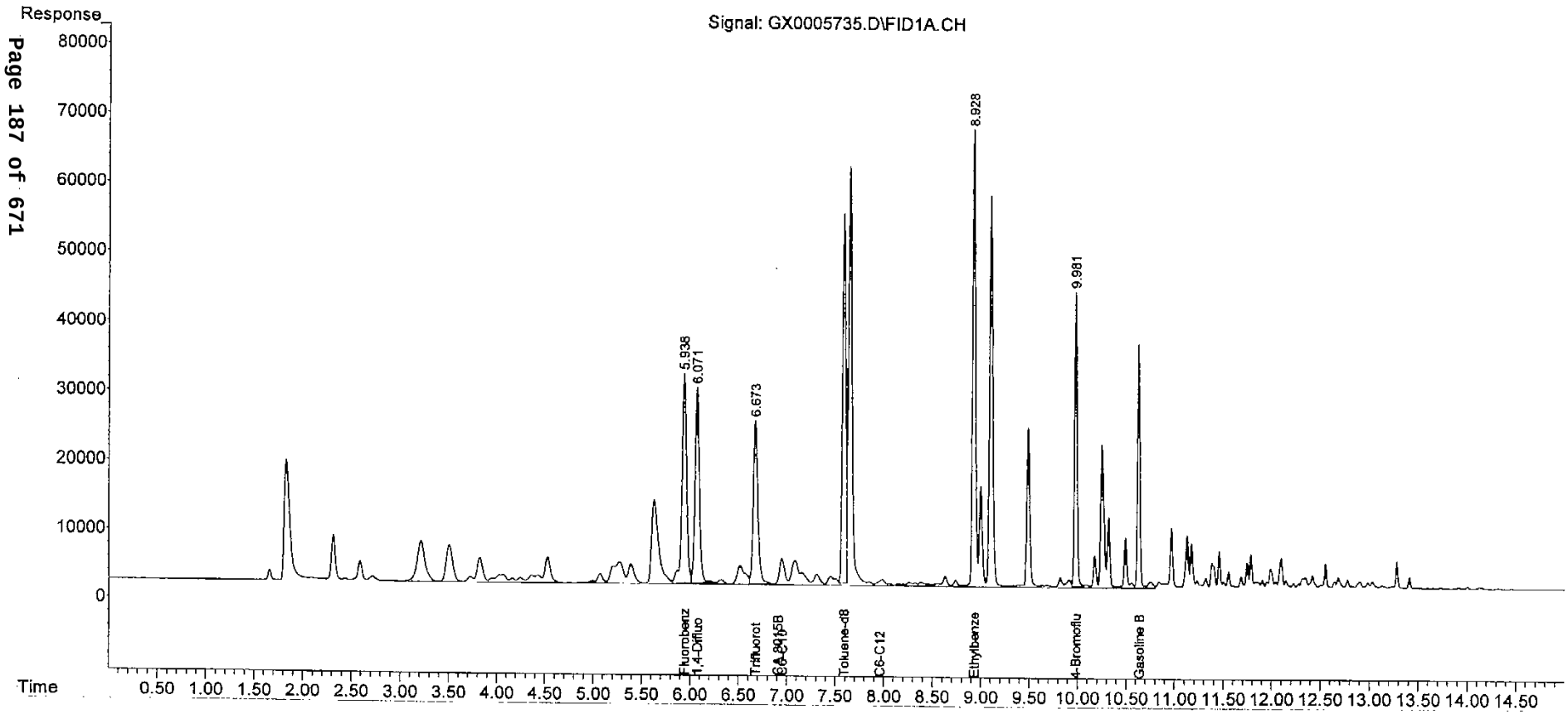
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantification 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:\1\data\03302007

#	Filename	Sample Name	Date/Time
1	ar0005997.d	rinse/tune	03/30/07 09:53
2	ar0005998.d	rt std	03/30/07 10:15
3	ar0005999.d	1100 gro ccal	03/30/07 10:38
4	ar0006000.d	25 ug/L Aromatics	03/30/07 11:00
5	ar0006001.d	lcs	03/30/07 11:23
6	ar0006002.d	lcsd	03/30/07 11:45
7	ar0006003.d	lcs	03/30/07 12:07
8	ar0006004.d	lcsd	03/30/07 12:30
9	ar0006005.d	IB	03/30/07 12:52
10	ar0006006.d	mb	03/30/07 13:15
11	ar0006007.d	580-5401-B-26	03/30/07 13:37
12	ar0006008.d	580-5419-B-5	03/30/07 14:00
13	ar0006009.d	580-5420-A-6	03/30/07 14:22
14	ar0006010.d	580-5429-C-9	03/30/07 14:44
15	ar0006011.d	580-5420-D-5	03/30/07 15:07
16	ar0006012.d	580-5420-D-3	03/30/07 15:29
17	ar0006013.d	580-5420-D-2	03/30/07 15:51
18	ar0006014.d	580-5420-C-1	03/30/07 16:14
19	ar0006015.d	580-5419-A-4	03/30/07 16:36
20	ar0006016.d	580-5419-D-3	03/30/07 16:59
21	ar0006017.d	rinse/tune	03/30/07 18:05
22	ar0006018.d	580-5419-B-3 du	03/30/07 18:27
23	ar0006019.d	rinse/tune	03/30/07 18:50
24	ar0006020.d	1100 gro ccal	03/30/07 19:12
25	ar0006021.d	rinse/tune	03/30/07 19:34
26	ar0006022.d	580-5419-D-2	03/30/07 19:57
27	ar0006023.d	580-5419-D-1 1:5	03/30/07 20:19
28	ar0006024.d	580-5429-B-1	03/30/07 20:41
29	ar0006025.d	580-5429-A-2	03/30/07 21:04
30	ar0006026.d	580-5429-D-3 1:5	03/30/07 21:26
31	ar0006027.d	580-5429-C-4 1:10	03/30/07 21:49
32	ar0006028.d	580-5429-C-5	03/30/07 22:11
33	ar0006029.d	580-5429-E-6 1:2	03/30/07 22:33
34	ar0006030.d	580-5429-A-7	03/30/07 22:56
35	ar0006031.d	580-5429-C-8 1:5	03/30/07 23:18
36	ar0006032.d	rinse/tune	03/30/07 23:40
37	ar0006033.d	580-5429-C-8 du 1:5	03/31/07 00:03
38	ar0006034.d	rinse/tune	03/31/07 00:25
39	ar0006035.d	rt std	03/31/07 00:48
40	ar0006036.d	1100 gro ccal	03/31/07 01:10
41	ar0006037.d	25 ug/L Aromatics	03/31/07 01:32
42	ar0006038.d	LCS 580-17166/2-AA	03/31/07 01:55
43	ar0006039.d	LCSD 580-17166/3-AA	03/31/07 02:17
44	ar0006040.d	LCS 580-17166/4-AA	03/31/07 02:39
45	ar0006041.d	LCSD 580-17166/5-AA	03/31/07 03:02
46	ar0006042.d	IB EP lot:6215150	03/31/07 03:24
47	ar0006043.d	MB 580-17166/1-AA	03/31/07 03:46
48	ar0006044.d	580-5407-A-1-A	03/31/07 04:09
49	ar0006045.d	580-5407-A-2-A	03/31/07 04:31

4/3/2007

Sequence Log

Directory : q:\1\data\03302007

(9) 4/3/2007

#	Filename	Sample Name	Date/Time
50	ar0006046.d	580-5407-A-3-A	03/31/07 04:53
51	ar0006047.d	580-5407-A-4-A	03/31/07 05:16
52	ar0006048.d	580-5401-A-6-H	03/31/07 05:38
53	ar0006049.d	580-5401-A-12-D	03/31/07 06:01
54	ar0006050.d	580-5401-A-16-D	03/31/07 06:23
55	ar0006051.d	580-5401-A-19-D	03/31/07 06:46
56	ar0006052.d	580-5401-A-25-H	03/31/07 07:08
57	ar0006053.d	580-5402-C-6-B	03/31/07 07:30
58	ar0006054.d	rinse/tune	03/31/07 07:53
59	ar0006055.d	1100 gro ccal	03/31/07 08:15
60	ar0006056.d	rinse/tune	03/31/07 08:37
61	ar0006057.d	580-5411-D-6-D	03/31/07 09:00
62	ar0006058.d	580-5411-D-8-D	03/31/07 09:22
63	ar0006059.d	580-5411-D-13-D	03/31/07 09:45
64	ar0006060.d	580-5402-C-10-B	03/31/07 10:07
65	ar0006061.d	580-5402-C-13-A	03/31/07 10:30
66	ar0006062.d	580-5402-C-17-A	03/31/07 10:52
67	ar0006063.d	580-5402-C-20-A	03/31/07 11:14
68	ar0006064.d	580-5402-C-20-B DU	03/31/07 11:37
69	ar0006065.d	580-5402-C-20-C MS	03/31/07 11:59
70	ar0006066.d	rinse/tune	03/31/07 12:22
71	ar0006067.d	1100 gro ccal	03/31/07 12:44
72	ar0006068.d	rinse/tune	03/31/07 13:06

Data Path : E:\2\data\03302007\
Data File : gx0006035.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 12:48 am
Operator : frz
Sample : rt std
Misc : 1369-58-05
ALS Vial : 39 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:17 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	828508	85.742 ug/L
Spiked Amount	100.000		Recovery =	85.74%
2) S	Fluorobenzene (Surr)	5.942	934534	93.168 ug/L
Spiked Amount	100.000		Recovery =	93.17%
3) S	Trifluorotoluene (Surr)	6.679	742085	92.476 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	92.48%
4) S	Toluene-d8 (Surr)	7.593	1330341	104.057 ug/L
Spiked Amount	100.000		Recovery =	104.06%
5) S	Ethylbenzene-d10 (Surr)	8.929	1465118	102.055 ug/L
Spiked Amount	100.000		Recovery =	102.06%
6) S	4-Bromofluorobenzene ...	9.982	759873	95.961 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	95.96%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	1544073	316.612 ug/L
8) H	C6-C10	6.960	1171866	205.203 ug/L
9) H	C6-C12	7.950	1738321	219.581 ug/L
10) H	CA 8015B	6.900	1554554	212.312 ug/L

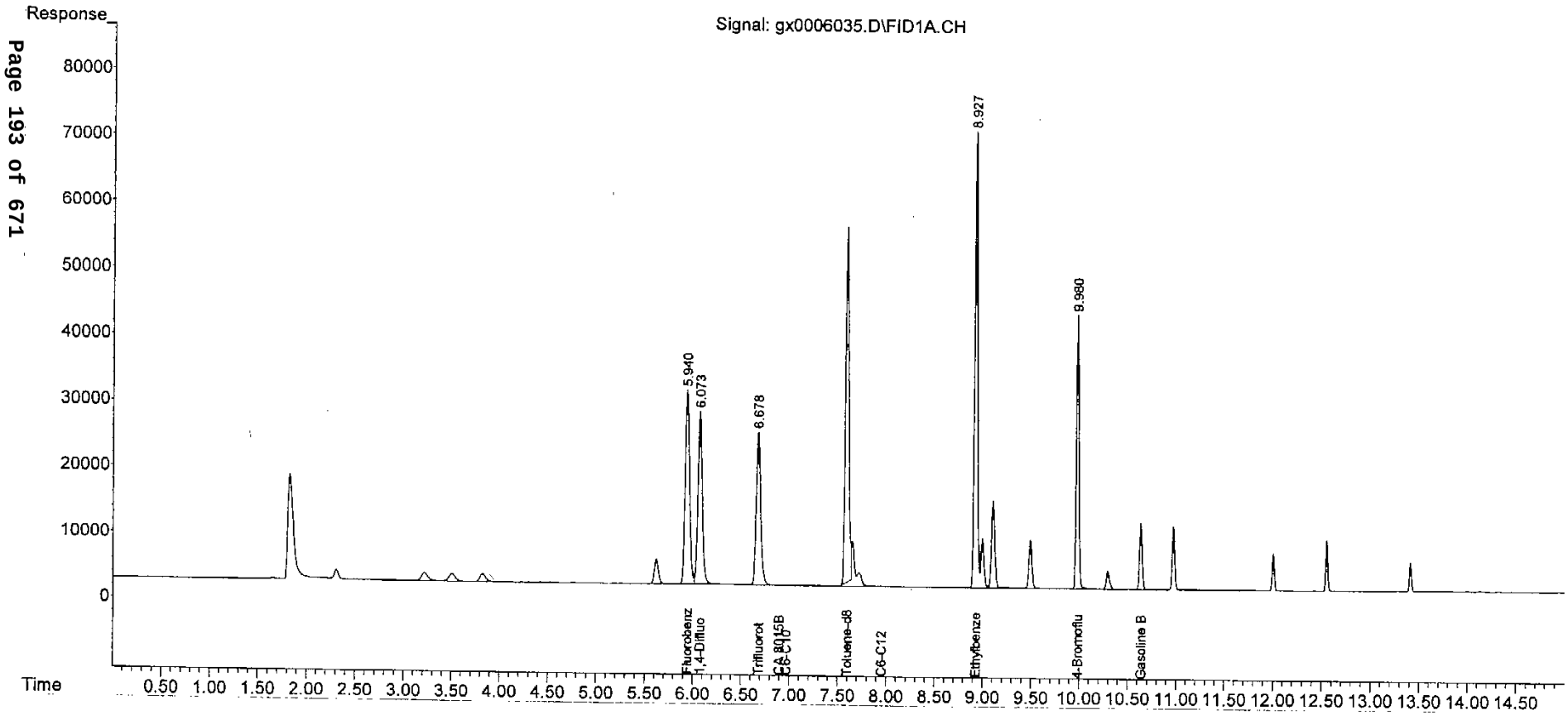
(f)=RT Delta > 1/2 Window (m)=manual int.

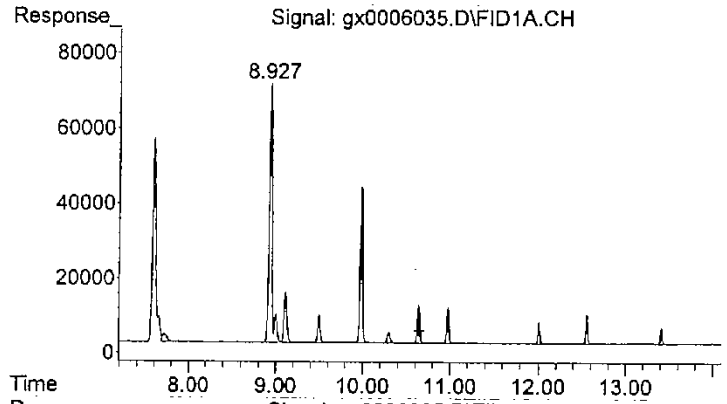
Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006035.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 12:48 am
Operator : frz
Sample : rt std
Misc : 1369-58-05
ALS Vial : 39 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:17 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

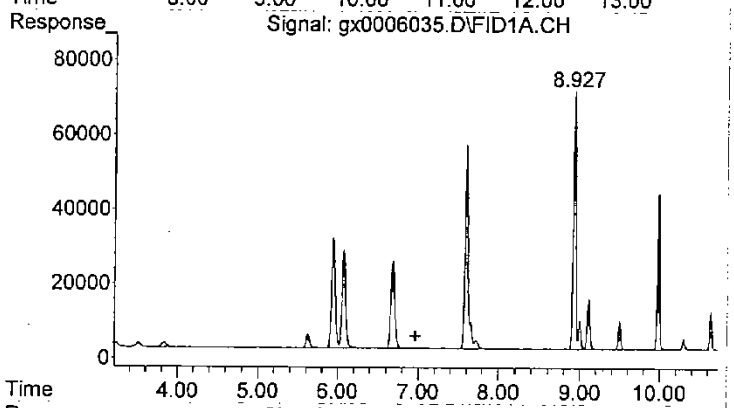
Volume Inj. :
Signal Phase :
Signal Info :





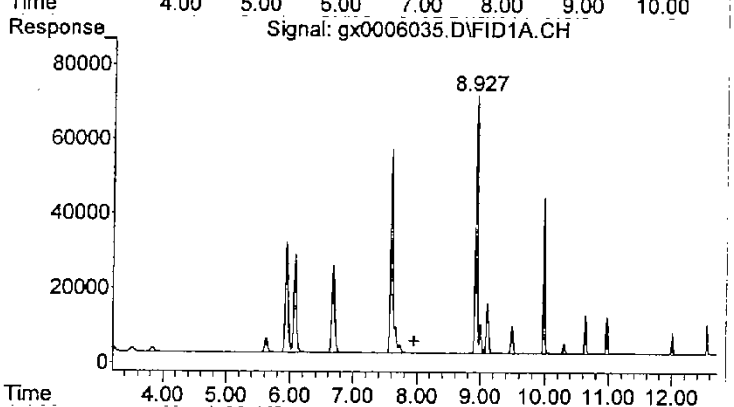
#7 Gasoline By NWTPH-G

R.T.: 10.645 min
Delta R.T.: 0.000 min
Response: 1544073
Conc: 316.61 ug/L m



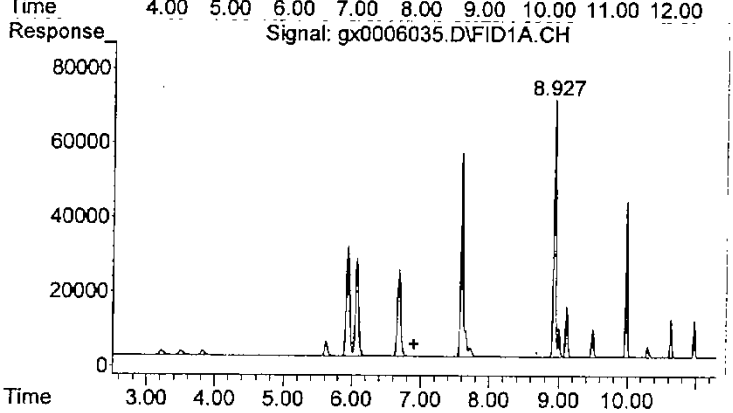
#8 C6-C10

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 1171866
Conc: 205.20 ug/L m



#9 C6-C12

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 1738321
Conc: 219.58 ug/L m



#10 CA 8015B

R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 1554554
Conc: 212.31 ug/L m

Data Path : E:\2\data\03302007\
Data File : gx0006036.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 1:10 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 40 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:22 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	899813	93.121 ug/L
Spiked Amount 100.000		Recovery = 93.12%	
2) S Fluorobenzene (Surr)	5.942	1017032	101.392 ug/L
Spiked Amount 100.000		Recovery = 101.39%	
3) S Trifluorotoluene (Surr)	6.681	775540	96.645 ug/L
Spiked Amount 100.000 Range 69 - 120		Recovery = 96.64%	
4) S Toluene-d8 (Surr)	7.595	1313424	102.733 ug/L
Spiked Amount 100.000		Recovery = 102.73%	
5) S Ethylbenzene-d10 (Surr)	8.930	1473943	102.669 ug/L
Spiked Amount 100.000		Recovery = 102.67%	
6) S 4-Bromofluorobenzene ...	9.982	792875	100.128 ug/L
Spiked Amount 100.000 Range 70 - 120		Recovery = 100.13%	
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4847835	1042.237 ug/L
8) H C6-C10	6.960	5943328	1079.716 ug/L
9) H C6-C12	7.950	8272982	1072.930 ug/L
10) H CA 8015B	6.900	7761658	1130.575 ug/L

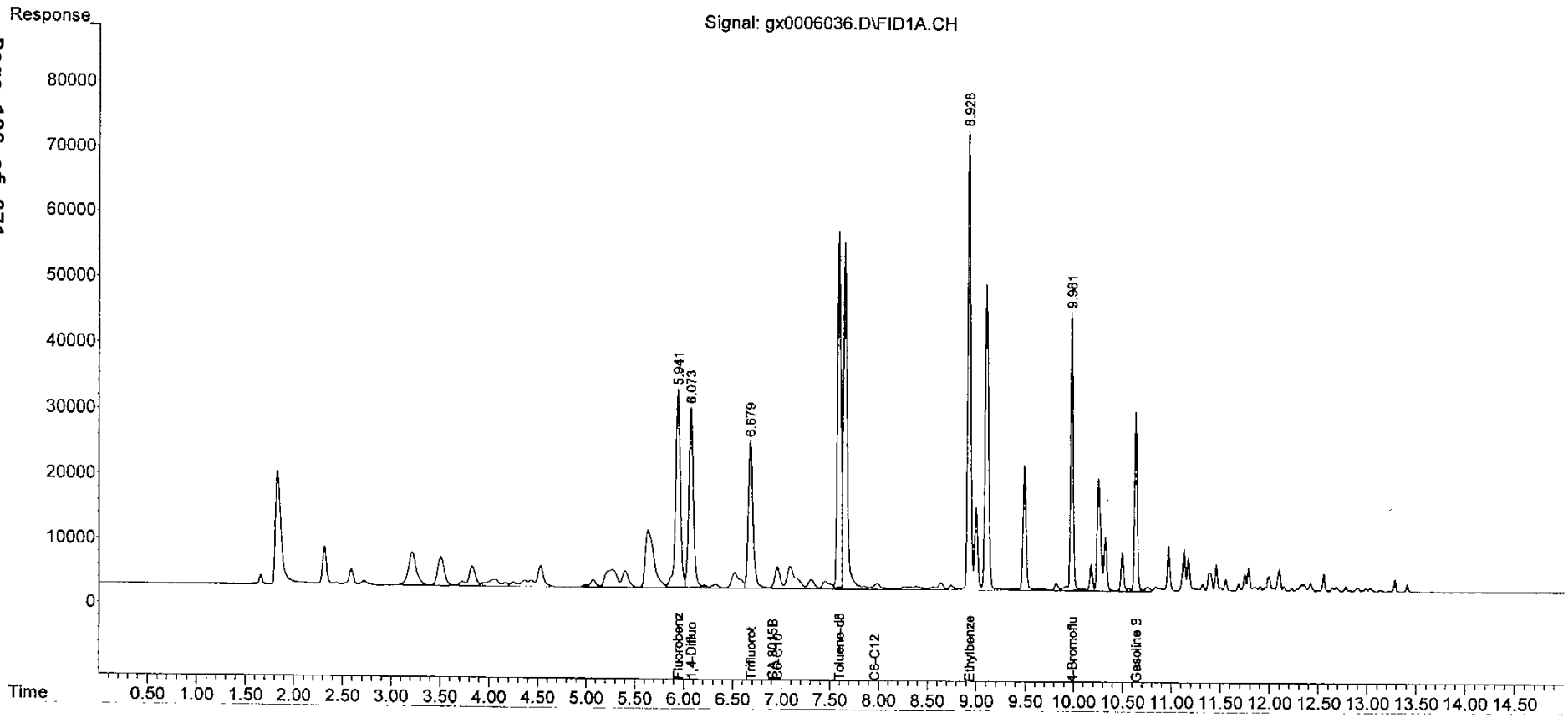
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006036.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 1:10 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 40 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:22 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\03302007\
Data File : gx0006036.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 1:10 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 40 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:22 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	93.121	6.9	0	0.00
2	S	Fluorobenzene (Surr)	100.000	101.392	-1.4	0	0.00
3	S	Trifluorotoluene (Surr)	100.000	96.645	3.4	0	0.01
4	S	Toluene-d8 (Surr)	100.000	102.733	-2.7	0	0.01
5	S	Ethylbenzene-d10 (Surr)	100.000	102.669	-2.7	0	0.00
6	S	4-Bromofluorobenzene (Surr)	100.000	100.128	-0.1	0	0.00
7	H	Gasoline By NWTPH-G	1100.000	1042.237	5.3	0	0.00
8	H	C6-C10	1100.000	1079.716	1.8	0	0.00
9	H	C6-C12	1100.000	1072.930	2.5	0	0.00
10	H	CA 8015B	1100.000	1130.575	-2.8	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\03302007\
Data File : gx0006055.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 8:15 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 59 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:44 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	897747	92.907 ug/L
Spiked Amount 100.000		Recovery = 92.91%	
2) S Fluorobenzene (Surr)	5.941	1007115	100.403 ug/L
Spiked Amount 100.000		Recovery = 100.40%	
3) S Trifluorotoluene (Surr)	6.680	781805	97.426 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery = 97.43%	
4) S Toluene-d8 (Surr)	7.594	1314566	102.823 ug/L
Spiked Amount 100.000		Recovery = 102.82%	
5) S Ethylbenzene-d10 (Surr)	8.929	1473522	102.640 ug/L
Spiked Amount 100.000		Recovery = 102.64%	
6) S 4-Bromofluorobenzene ...	9.981	790028	99.769 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery = 99.77%	
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4789798	1029.490 ug/L
8) H C6-C10	6.960	5823390	1057.734 ug/L
9) H C6-C12	7.950	8124692	1053.565 ug/L
10) H CA 8015B	6.900	7611005	1108.288 ug/L

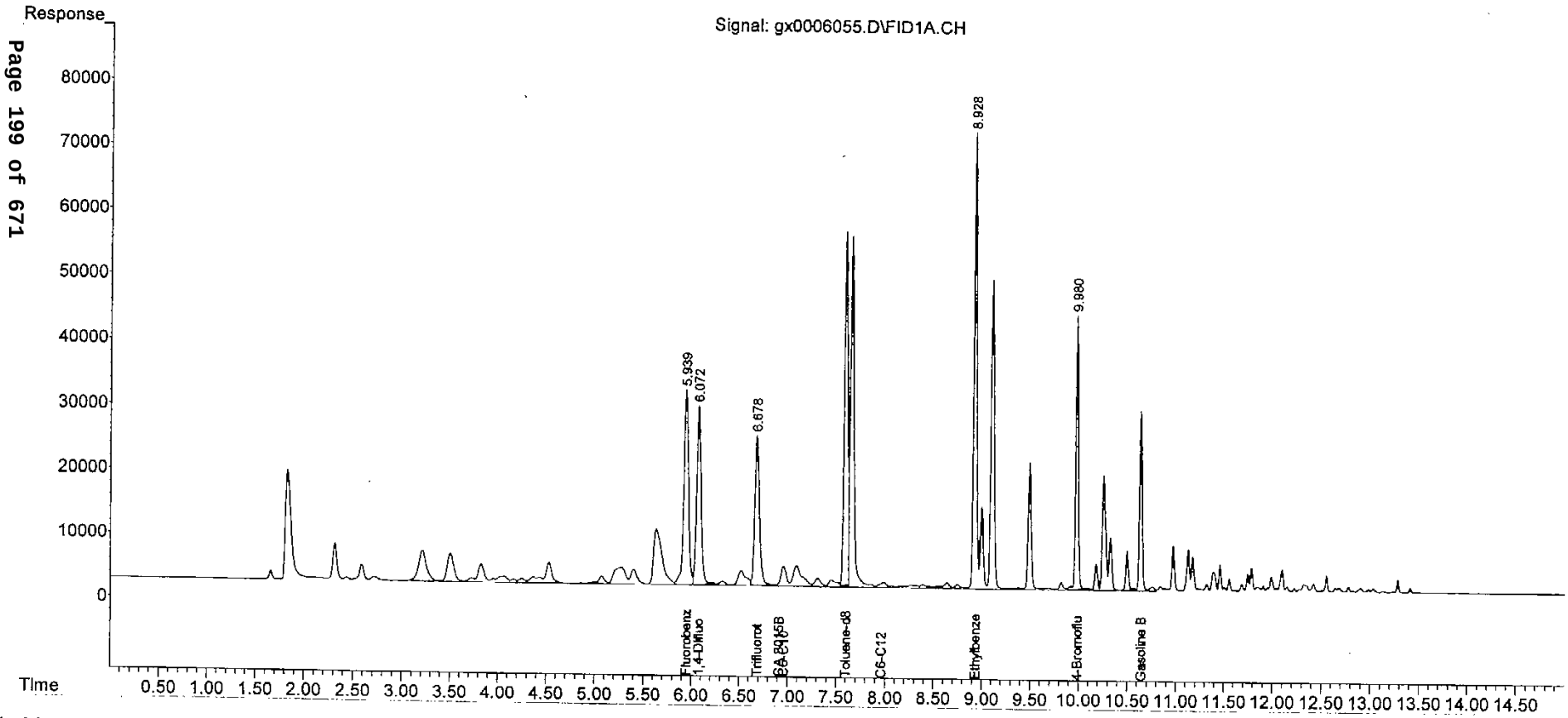
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006055.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 8:15 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 59 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:44 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\03302007\
Data File : gx0006055.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 8:15 am
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 59 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:59:44 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	92.907	7.1	0	0.00
2	S	Fluorobenzene (Surr)	100.000	100.403	-0.4	0	0.00
3	S	Trifluorotoluene (Surr)	100.000	97.426	2.6	0	0.01
4	S	Toluene-d8 (Surr)	100.000	102.823	-2.8	0	0.01
5	S	Ethylbenzene-d10 (Surr)	100.000	102.640	-2.6	0	0.00
6	S	4-Bromofluorobenzene (Surr)	100.000	99.769	0.2	0	0.00
7	H	Gasoline By NWTPH-G	1100.000	1029.490	6.4	0	0.00
8	H	C6-C10	1100.000	1057.734	3.8	0	0.00
9	H	C6-C12	1100.000	1053.565	4.2	0	0.00
10	H	CA 8015B	1100.000	1108.288	-0.8	0	0.00

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : E:\2\data\03302007\
Data File : gx0006067.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 12:44 pm
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 71 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:32 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	890985	92.207 ug/L
Spiked Amount 100.000		Recovery =	92.21%
2) S Fluorobenzene (Surr)	5.940	998079	99.503 ug/L
Spiked Amount 100.000		Recovery =	99.50%
3) S Trifluorotoluene (Surr)	6.679	785462	97.881 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	97.88%
4) S Toluene-d8 (Surr)	7.593	1295173	101.306 ug/L
Spiked Amount 100.000		Recovery =	101.31%
5) S Ethylbenzene-d10 (Surr)	8.928	1473327	102.626 ug/L
Spiked Amount 100.000		Recovery =	102.63%
6) S 4-Bromofluorobenzene ...	9.981	784571	99.080 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	99.08%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4767227	1024.533 ug/L
8) H C6-C10	6.960	5784885	1050.677 ug/L
9) H C6-C12	7.950	8041234	1042.667 ug/L
10) H CA 8015B	6.900	7566847	1101.756 ug/L

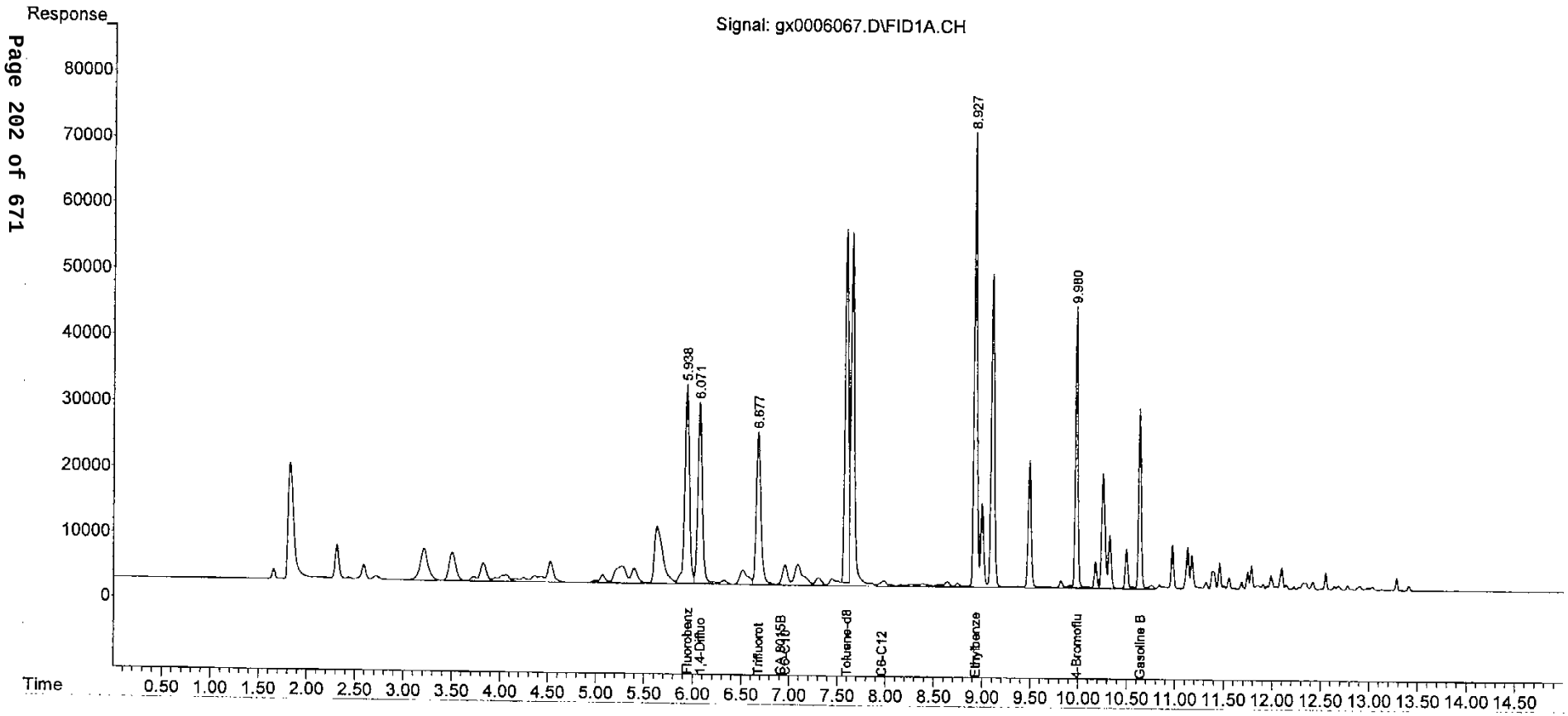
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006067.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 12:44 pm
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 71 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:32 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\03302007\
Data File : gx0006067.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 12:44 pm
Operator : frz
Sample : 1100 gro ccal
Misc : 1369-58-06
ALS Vial : 71 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:32 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	92.207	7.8	0	0.00
2	S	Fluorobenzene (Surr)	100.000	99.503	0.5	0	0.00
3	S	Trifluorotoluene (Surr)	100.000	97.881	2.1	0	0.01
4	S	Toluene-d8 (Surr)	100.000	101.306	-1.3	0	0.00
5	S	Ethylbenzene-d10 (Surr)	100.000	102.626	-2.6	0	0.00
6	S	4-Bromofluorobenzene (Surr)	100.000	99.080	0.9	0	0.00
7	H	Gasoline By NWTPH-G	1100.000	1024.533	6.9	0	0.00
8	H	C6-C10	1100.000	1050.677	4.5	0	0.00
9	H	C6-C12	1100.000	1042.667	5.2	0	0.00
10	H	CA 8015B	1100.000	1101.756	-0.2	0	0.00

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

METHOD BLANK

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006043.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 3:46 am
Operator : frz
Sample : MB 580-17166/1-AA
Misc : gro/8260 BT=Sea041033007b
ALS Vial : 47 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:55 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	834468	86.359 ug/L
Spiked Amount	100.000		Recovery =	86.36%
2) S	Fluorobenzene (Surr)	5.940	939978	93.710 ug/L
Spiked Amount	100.000		Recovery =	93.71%
3) S	Trifluorotoluene (Surr)	6.678	848979	105.797 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	105.80%
4) S	Toluene-d8 (Surr)	7.592	1377786	107.768 ug/L
Spiked Amount	100.000		Recovery =	107.77%
5) S	Ethylbenzene-d10 (Surr)	8.928	1476332	102.836 ug/L
Spiked Amount	100.000		Recovery =	102.84%
6) S	4-Bromofluorobenzene ...	9.981	764357	96.527 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	96.53%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	137261	<MDL ug/L
8) H	C6-C10	6.960	99305	<MDL ug/L
9) H	C6-C12	7.950	131572	<MDL ug/L
10) H	CA 8015B	6.900	119468	<MDL ug/L

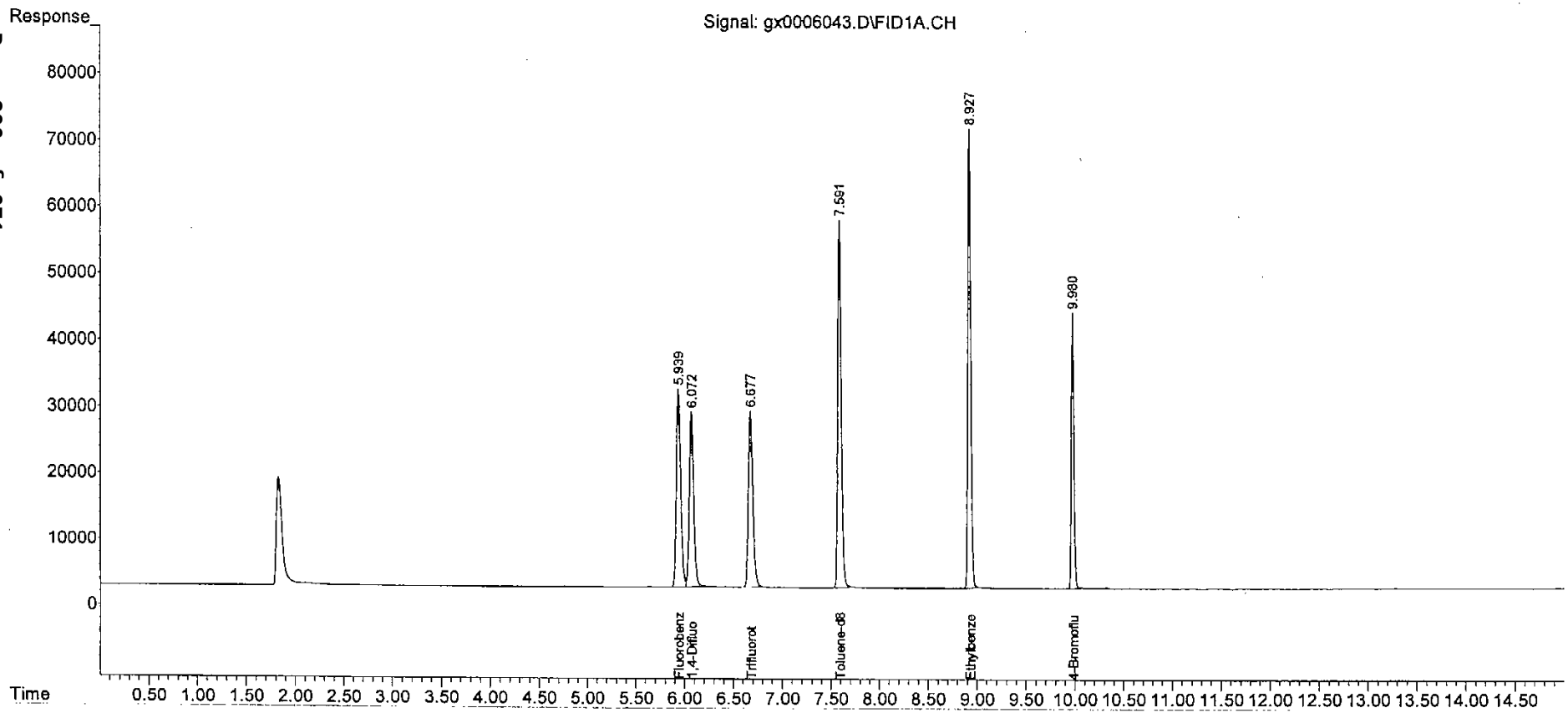
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006043.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 3:46 am
Operator : frz
Sample : MB 580-17166/1-AA
Misc : gro/8260 BT=Sea041033007b
ALS Vial : 47 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:55 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 :



BLANK SPIKE

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006038.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 1:55 am
Operator : frz
Sample : LCS 580-17166/2-AA
Misc : gro BT=Sea041033007b
ALS Vial : 42 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:32 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	880813	91.155 ug/L
Spiked Amount 100.000		Recovery =	91.16%
2) S Fluorobenzene (Surr)	5.940	1005709	100.263 ug/L
Spiked Amount 100.000		Recovery =	100.26%
3) S Trifluorotoluene (Surr)	6.676	853412	106.349 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	106.35%
4) S Toluene-d8 (Surr)	7.591	1273720	99.628 ug/L
Spiked Amount 100.000		Recovery =	99.63%
5) S Ethylbenzene-d10 (Surr)	8.928	1458674	101.606 ug/L
Spiked Amount 100.000		Recovery =	101.61%
6) S 4-Bromofluorobenzene ...	9.982	806645	101.867 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	101.87%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4918361	1057.727 ug/L
8) H C6-C10	6.960	6208931	1128.396 ug/L
9) H C6-C12	7.950	8608448	1116.738 ug/L
10) H CA 8015B	6.900	8087555	1178.788 ug/L

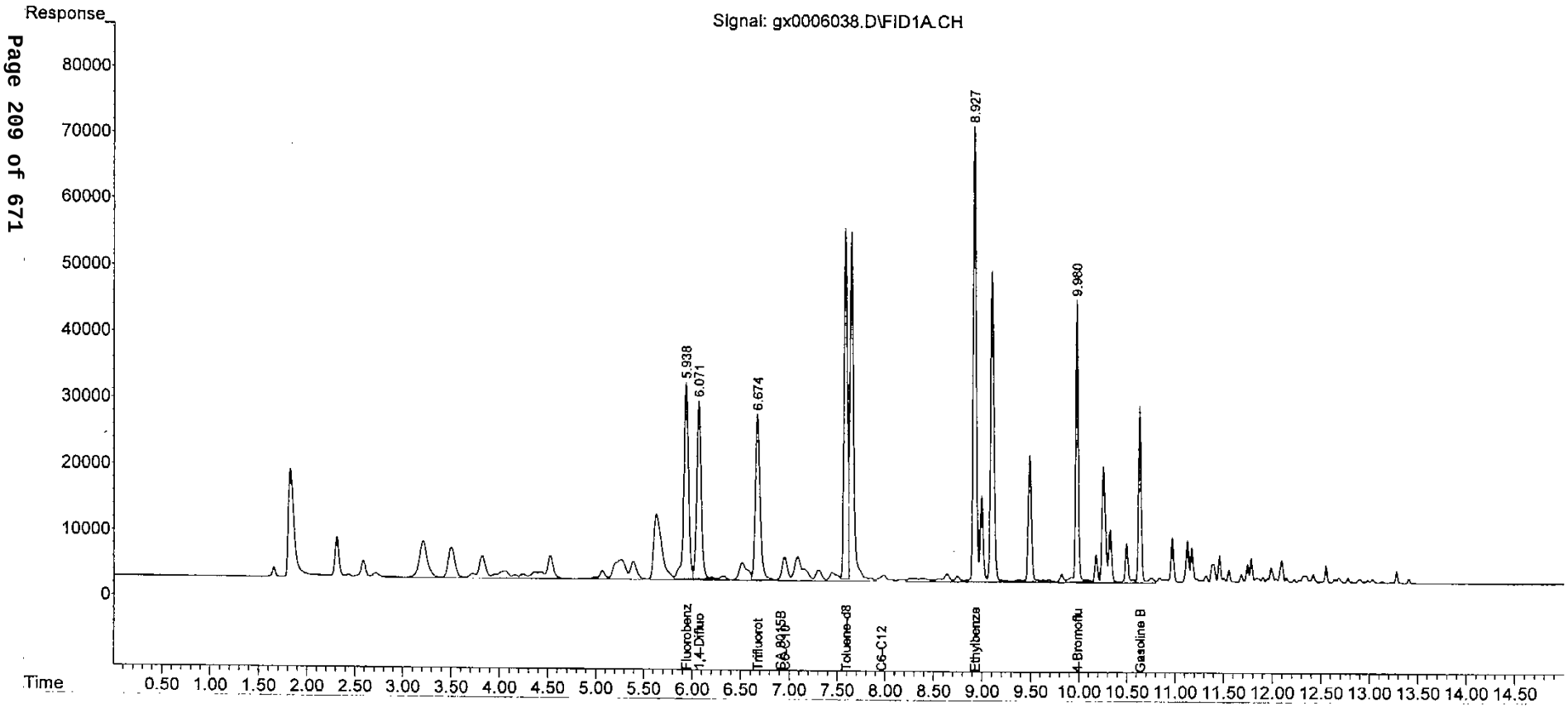
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantification Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006038.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 1:55 am
Operator : frz
Sample : LCS 580-17166/2-AA
Misc : gro BT=Sea041033007b
ALS Vial : 42 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:32 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\03302007\
Data File : gx0006039.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 2:17 am
Operator : frz
Sample : LCSD 580-17166/3-AA
Misc : gro BT=Sea041033007b
ALS Vial : 43 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:37 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	904487	93.605 ug/L
Spiked Amount	100.000		Recovery =	93.61%
2) S	Fluorobenzene (Surr)	5.941	1032235	102.908 ug/L
Spiked Amount	100.000		Recovery =	102.91%
3) S	Trifluorotoluene (Surr)	6.679	893146	111.301 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	111.30%
4) S	Toluene-d8 (Surr)	7.593	1312865	102.690 ug/L
Spiked Amount	100.000		Recovery =	102.69%
5) S	Ethylbenzene-d10 (Surr)	8.929	1484697	103.418 ug/L
Spiked Amount	100.000		Recovery =	103.42%
6) S	4-Bromofluorobenzene ...	9.982	820985	103.678 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	103.68%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	5042900	1085.080 ug/L
8) H	C6-C10	6.960	6411599	1165.541 ug/L
9) H	C6-C12	7.950	8861828	1149.827 ug/L
10) H	CA 8015B	6.900	8327445	1214.276 ug/L

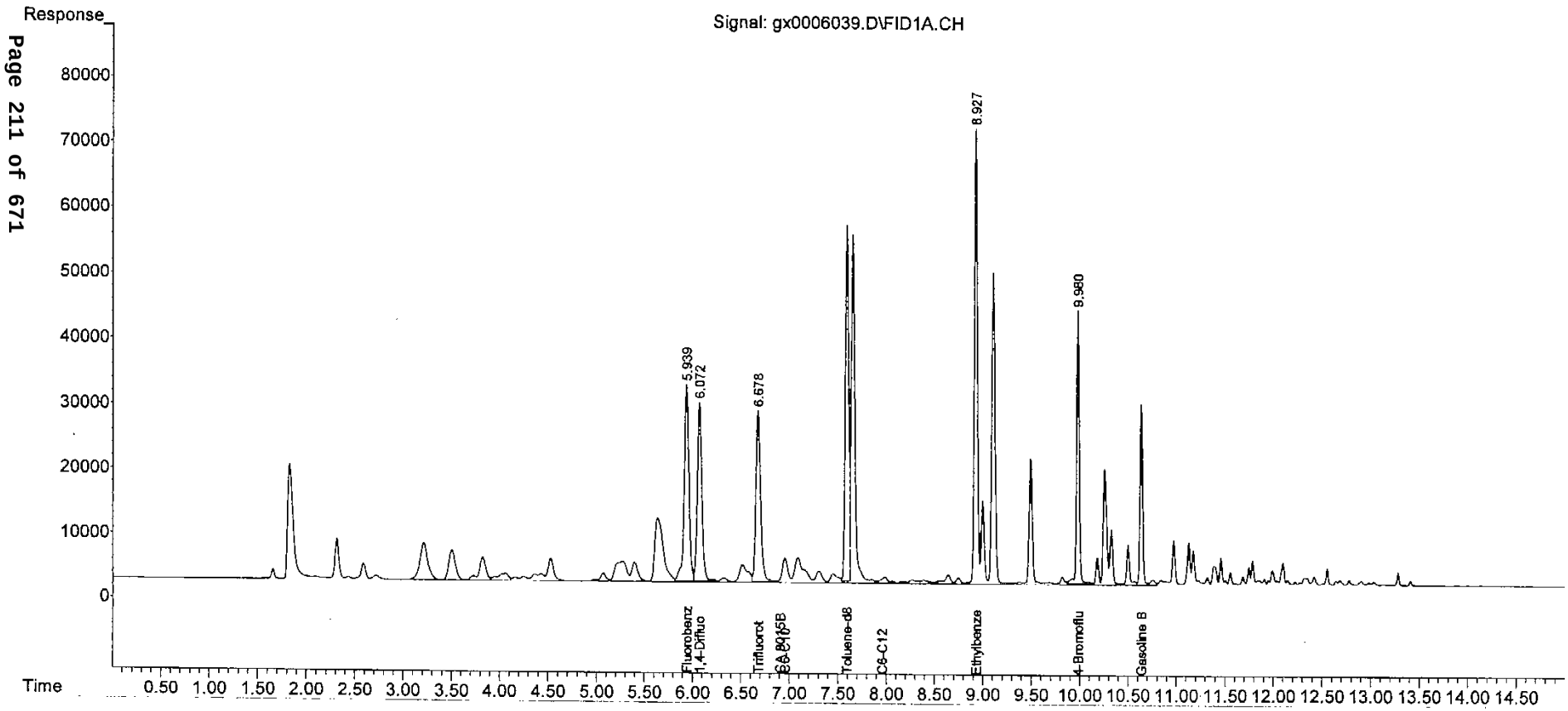
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006039.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 2:17 am
Operator : frz
Sample : LCSD 580-17166/3-AA
Misc : gro BT=Sea041033007b
ALS Vial : 43 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 07:58:37 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\03302007\
Data File : gx0006063.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 11:14 am
Operator : frz
Sample : 580-5402-C-20-A
Misc : BT=Sea041033007b
ALS Vial : 67 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:16 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	842715	87.212 ug/L
Spiked Amount	100.000		Recovery =	87.21%
2) S	Fluorobenzene (Surr)	5.941	946302	94.341 ug/L
Spiked Amount	100.000		Recovery =	94.34%
3) S	Trifluorotoluene (Surr)	6.680	760646	94.789 ug/L
Spiked Amount	100.000 Range	69 - 120	Recovery =	94.79%
4) S	Toluene-d8 (Surr)	7.594	1374453	107.507 ug/L
Spiked Amount	100.000		Recovery =	107.51%
5) S	Ethylbenzene-d10 (Surr)	8.929	1477710	102.932 ug/L
Spiked Amount	100.000		Recovery =	102.93%
6) S	4-Bromofluorobenzene ...	9.982	767145	96.879 ug/L
Spiked Amount	100.000 Range	70 - 120	Recovery =	96.88%
	Target Compounds			
7) H	Gasoline By NWTPH-G	10.645	151976	10.858 ug/L
8) H	C6-C10	6.960	104344	<MDL ug/L
9) H	C6-C12	7.950	159995	<MDL ug/L
10) H	CA 8015B	6.900	140049	<MDL ug/L

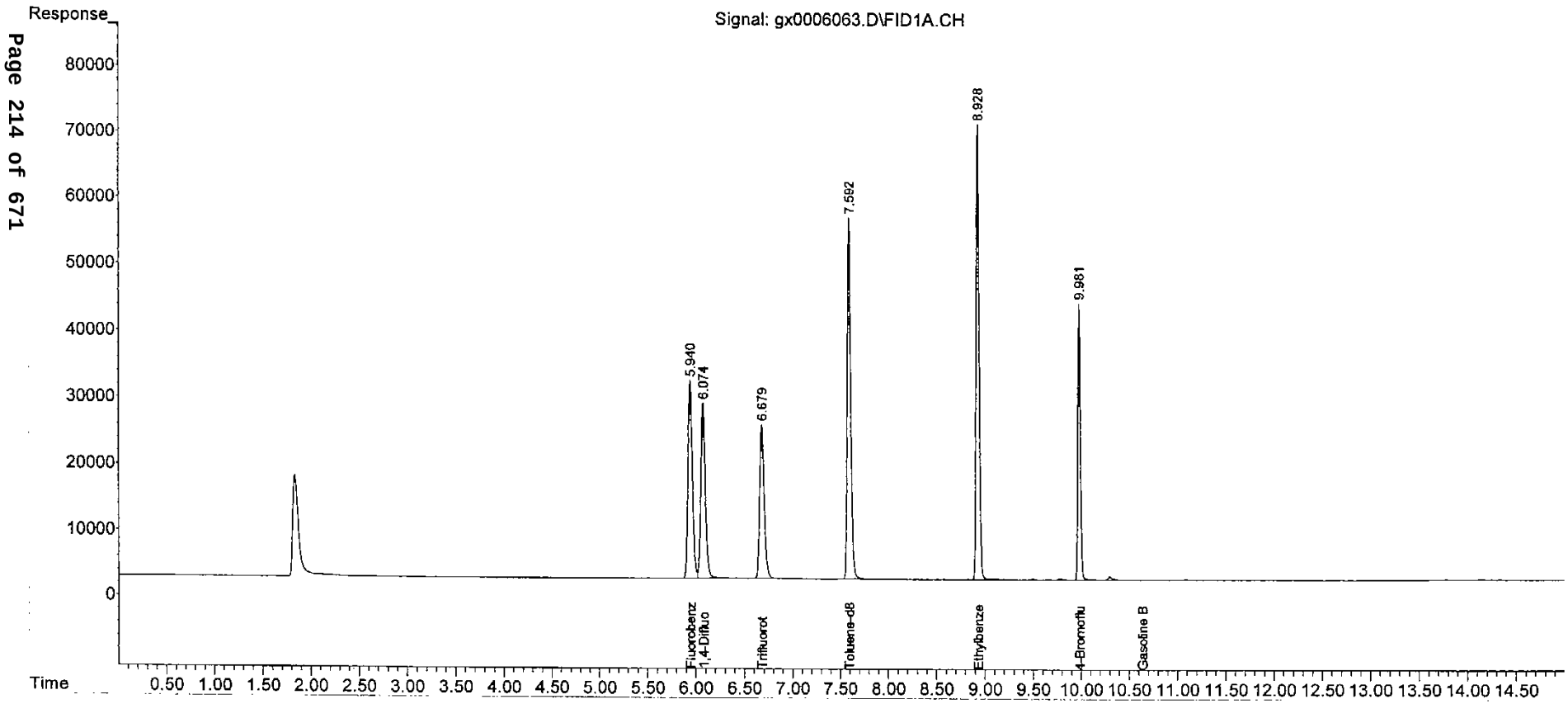
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006063.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 11:14 am
Operator : frz
Sample : 580-5402-C-20-A
Misc : BT=Sea041033007b
ALS Vial : 67 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:16 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\03302007\
Data File : gx0006065.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 11:59 am
Operator : frz
Sample : 580-5402-C-20-C MS
Misc : BT=Sea041033007b
ALS Vial : 69 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:24 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	874187	90.469 ug/L
Spiked Amount 100.000		Recovery =	90.47%
2) S Fluorobenzene (Surr)	5.941	989741	98.671 ug/L
Spiked Amount 100.000		Recovery =	98.67%
3) S Trifluorotoluene (Surr)	6.678	745221	92.867 ug/L
Spiked Amount 100.000 Range	69 - 120	Recovery =	92.87%
4) S Toluene-d8 (Surr)	7.592	1254412	98.118 ug/L
Spiked Amount 100.000		Recovery =	98.12%
5) S Ethylbenzene-d10 (Surr)	8.931	1449586	100.973 ug/L
Spiked Amount 100.000		Recovery =	100.97%
6) S 4-Bromofluorobenzene ...	9.984	808874	102.149 ug/L
Spiked Amount 100.000 Range	70 - 120	Recovery =	102.15%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	4437011	952.005 ug/L
8) H C6-C10	6.960	5295011	960.893 ug/L
9) H C6-C12	7.950	7480243	969.408 ug/L
10) H CA 8015B	6.900	6931609	1007.780 ug/L

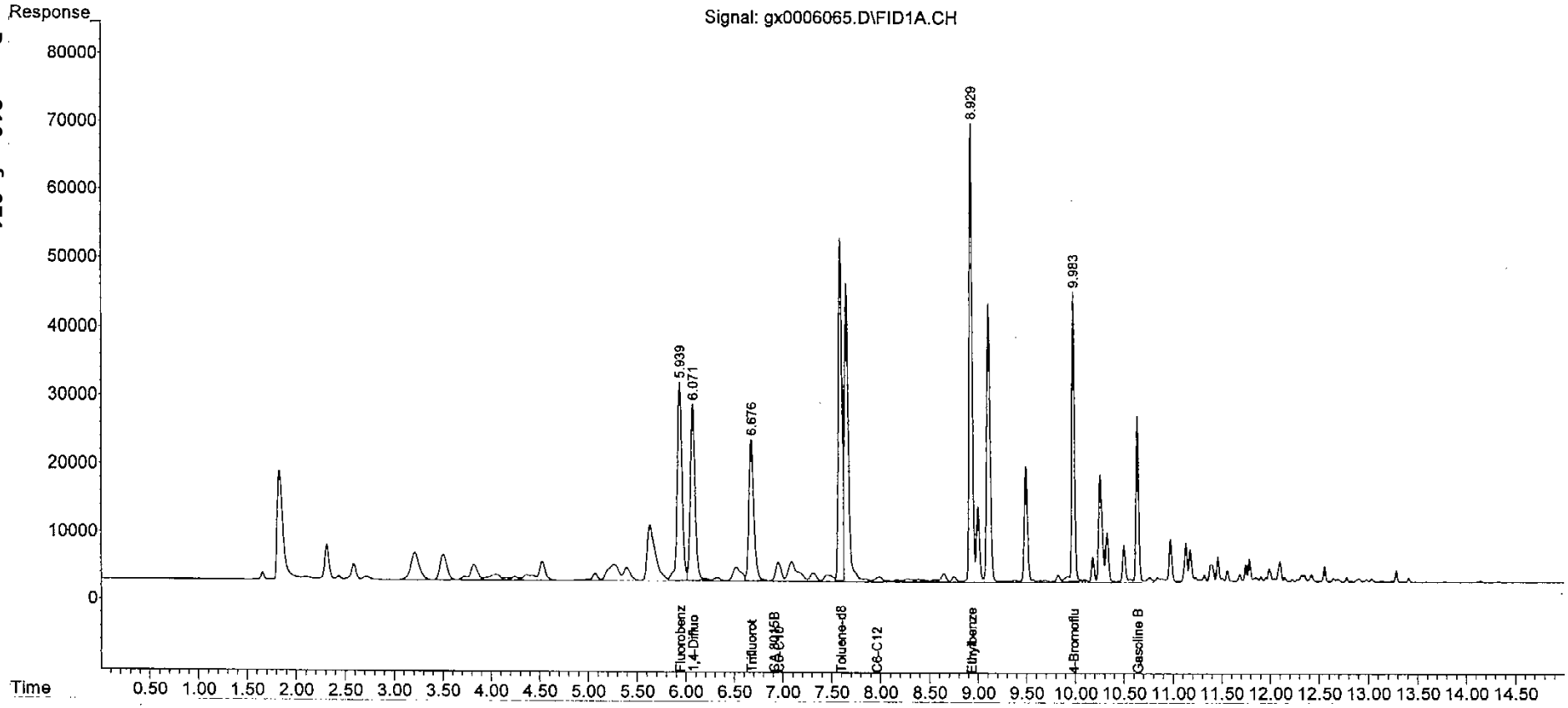
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006065.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 11:59 am
Operator : frz
Sample : 580-5402-C-20-C MS
Misc : BT=Sea041033007b
ALS Vial : 69 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:24 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

Data Path : E:\2\data\03302007\
Data File : gx0006064.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 11:37 am
Operator : frz
Sample : 580-5402-C-20-B DU
Misc : BT=Sea041033007b
ALS Vial : 68 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:20 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)	6.070	812668	84.103 ug/L
Spiked Amount 100.000		Recovery =	84.10%
2) S Fluorobenzene (Surr)	5.937	918822	91.601 ug/L
Spiked Amount 100.000		Recovery =	91.60%
3) S Trifluorotoluene (Surr)	6.673	694640	86.564 ug/L
Spiked Amount 100.000	Range 69 - 120	Recovery =	86.56%
4) S Toluene-d8 (Surr)	7.589	1299445	101.640 ug/L
Spiked Amount 100.000		Recovery =	101.64%
5) S Ethylbenzene-d10 (Surr)	8.929	1447896	100.855 ug/L
Spiked Amount 100.000		Recovery =	100.86%
6) S 4-Bromofluorobenzene ...	9.983	757353	95.643 ug/L
Spiked Amount 100.000	Range 70 - 120	Recovery =	95.64%
Target Compounds			
7) H Gasoline By NWTPH-G	10.645	148340	10.059 ug/L
8) H C6-C10	6.960	96101	<MDL ug/L
9) H C6-C12	7.950	138913	<MDL ug/L

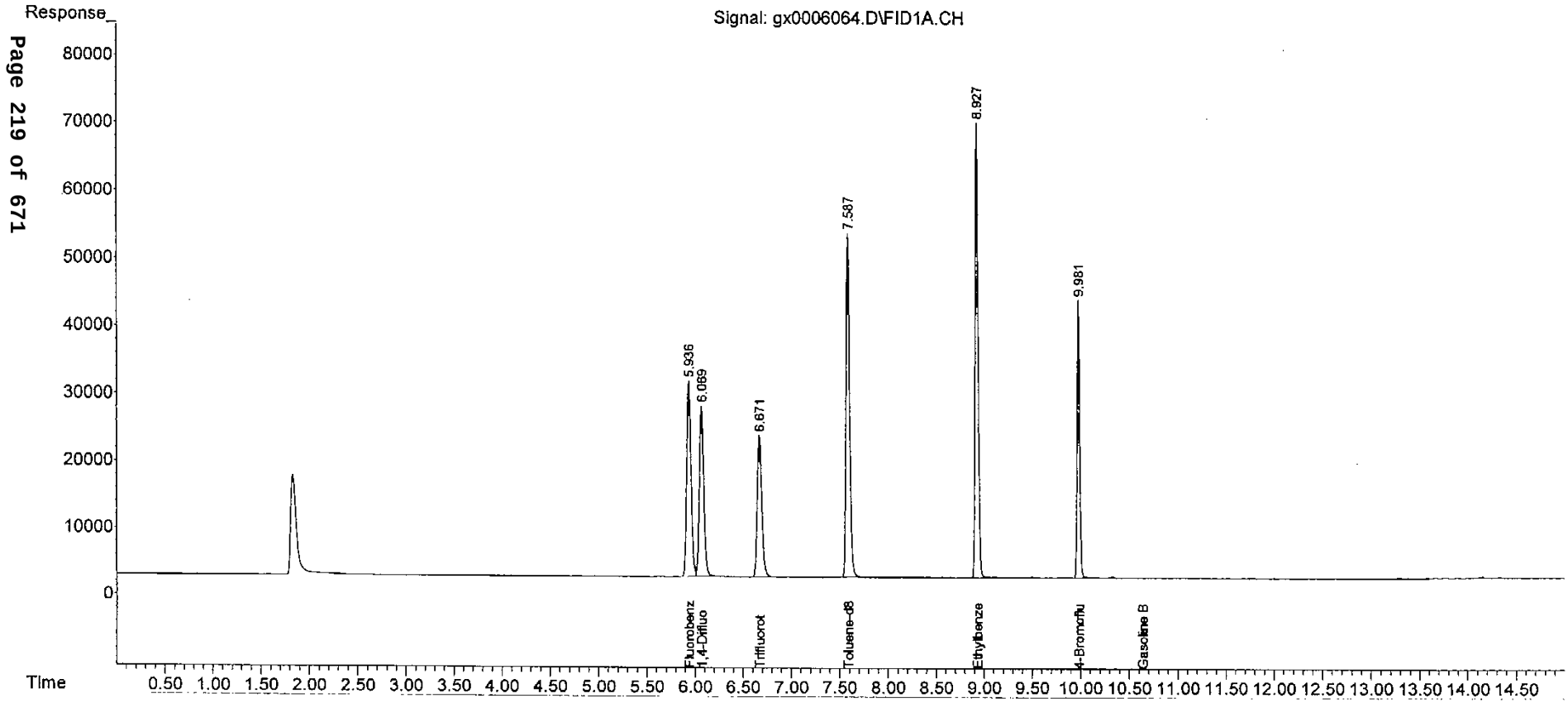
(f)=RT Delta > 1/2 Window (m)=manual int.

Quantitation Report (Not Reviewed)

Data Path : E:\2\data\03302007\
Data File : gx0006064.D
Signal(s) : FID1A.CH
Acq On : 31 Mar 2007 11:37 am
Operator : frz
Sample : 580-5402-C-20-B DU
Misc : BT=Sea041033007b
ALS Vial : 68 Sample Multiplier: 1

Integration File: events.e
Quant Time: Apr 02 08:00:20 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 :



LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17218

Method Code: 580-8260B-580

Batch Open: 1:55:00AM

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~580-17166/2-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
2	LCSD~580-17166/3-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
3	MB~580-17166/1-AA N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
4	580-5407-A-1-A N/A	N/A	5 mL	5 mL	N/A	N/A	N/A		
5	580-5407-A-2-A (AK101)	N/A	5 mL	5 mL	4/2/07	5_Days	4		
6	580-5407-A-3-A (AK101)	N/A	5 mL	5 mL	4/2/07	5_Days	4		
7	580-5407-A-4-A (AK101)	N/A	5 mL	5 mL	4/2/07	5_Days	4		
8	580-5401-A-6-H (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
9	580-5401-A-12-D (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
0	580-5401-A-16-D (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
1	580-5401-A-19-D (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
2	580-5401-A-25-H (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
3	580-5402-C-6-B (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
4	580-5411-D-6-D (NWTPH_Gx)	N/A	5 mL	5 mL	4/5/07	8_Days - R	4		
5	580-5411-D-8-D (NWTPH_Gx)	N/A	5 mL	5 mL	4/5/07	8_Days - R	4		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17218

Batch Open: 1:55:00AM

Method Code: 580-8260B-580

Batch End:

16	580-5411-D-13-D (NWTPH_Gx)	N/A	5 mL	5 mL	4/5/07	8_Days - R	4		
17	580-5402-C-10-B (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
18	580-5402-C-13-A (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
19	580-5402-C-17-A (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
20	580-5402-C-20-A (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
20	580-5402-C-20-A (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
20	580-5402-C-20-A (AK101)	N/A	5 mL	5 mL	4/2/07	5_Days	4		
20	580-5402-C-20-A (NWTPH_Gx)	N/A	5 mL	5 mL	4/5/07	8_Days - R	4		
21	580-5402-C-20-B~DU (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
22	580-5402-C-20-C~MS (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
22	580-5402-C-20-C~MS (NWTPH_Gx)	N/A	5 mL	5 mL	4/4/07	8_Days - R	4		
22	580-5402-C-20-C~MS (AK101)	N/A	5 mL	5 mL	4/2/07	5_Days	4		
22	580-5402-C-20-C~MS (NWTPH_Gx)	N/A	5 mL	5 mL	4/5/07	8_Days - R	4		

Batch Notes

Batch Comment

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17218

Method Code: 580-8260B-580

Batch Open: 1:55:00AM

Batch End:

Comments

Login Comments for Job 5401: Verified pH<2 in preserved bottles

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17218

Method Code: 580-8260B-580

Batch Open: 1:55:00AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
LCS 580-17166/2-AA	GBIS&SUR_00007	1 uL	5 mL		
LCSD 580-17166/3-AA	GBIS&SUR_00007	1 uL	5 mL		
MB 580-17166/1-AA	GBIS&SUR_00007	1 uL	5 mL		
580-5407-A-1-A	GBIS&SUR_00007	1 uL	5 mL		
580-5407-A-2-A	GBIS&SUR_00007	1 uL	5 mL		
580-5407-A-3-A	GBIS&SUR_00007	1 uL	5 mL		
580-5407-A-4-A	GBIS&SUR_00007	1 uL	5 mL		
580-5401-A-6-H	GBIS&SUR_00007	1 uL	5 mL		
580-5401-A-12-D	GBIS&SUR_00007	1 uL	5 mL		
580-5401-A-16-D	GBIS&SUR_00007	1 uL	5 mL		
580-5401-A-19-D	GBIS&SUR_00007	1 uL	5 mL		
580-5401-A-25-H	GBIS&SUR_00007	1 uL	5 mL		
580-5402-C-6-B	GBIS&SUR_00007	1 uL	5 mL		
580-5411-D-6-D	GBIS&SUR_00007	1 uL	5 mL		
580-5411-D-8-D	GBIS&SUR_00007	1 uL	5 mL		
580-5411-D-13-D	GBIS&SUR_00007	1 uL	5 mL		
580-5402-C-10-B	GBIS&SUR_00007	1 uL	5 mL		
580-5402-C-13-A	GBIS&SUR_00007	1 uL	5 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17218

Method Code: 580-8260B-580

Batch Open: 1:55:00AM

Batch End:

580-5402-C-17-A	GBIS&SUR_00007	1 uL	5 mL		
580-5402-C-20-A	GBIS&SUR_00007	1 uL	5 mL		
580-5402-C-20-B DU	GBIS&SUR_00007	1 uL	5 mL		
580-5402-C-20-C MS	GBIS&SUR_00007	1 uL	5 mL		

Other Reagents:

Reagent	Amount/Units	Lot#:

DIESEL AND RESIDUAL RANGE ORGANICS DATA PACKAGE

SAMPLE DATA

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20992.D
Acq On : 4 Apr 2007 16:35
Sample : 580-5407-A-5-F
Misc :
IntFile : events.e
Vial: 14
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 :

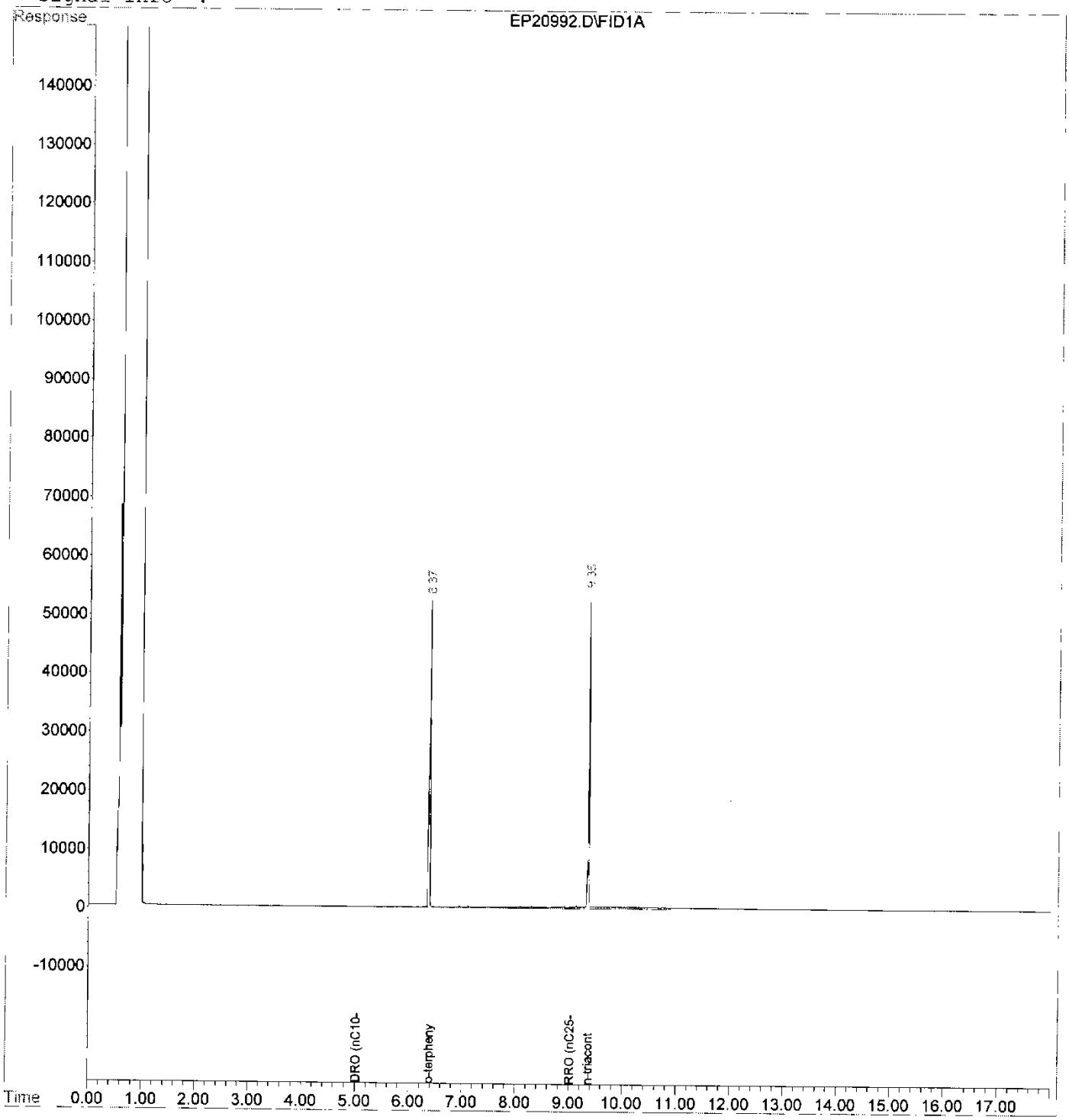
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	744497	20.871 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	609610	20.321 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	175977	3.070 ng/ul
4)	H	RRO (nC25-nC36)	9.00	398726	12.670 ng/ul

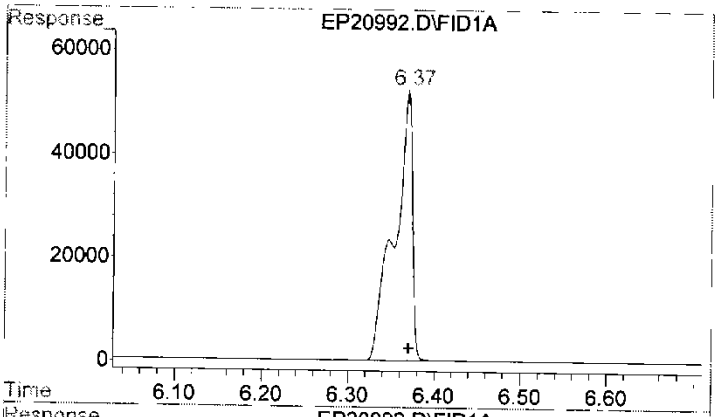
Data File : G:\DATA\040407_A\EP20992.D
Acq On : 4 Apr 2007 16:35
Sample : 580-5407-A-5-F
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

Vial: 14
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

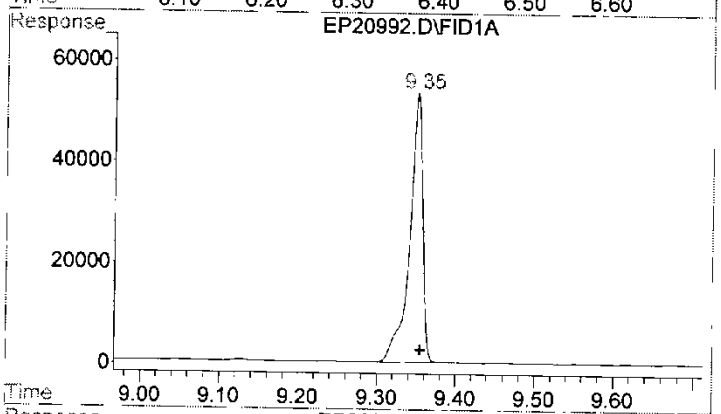
Volume Inj. :
Signal Phase :
Signal Info :





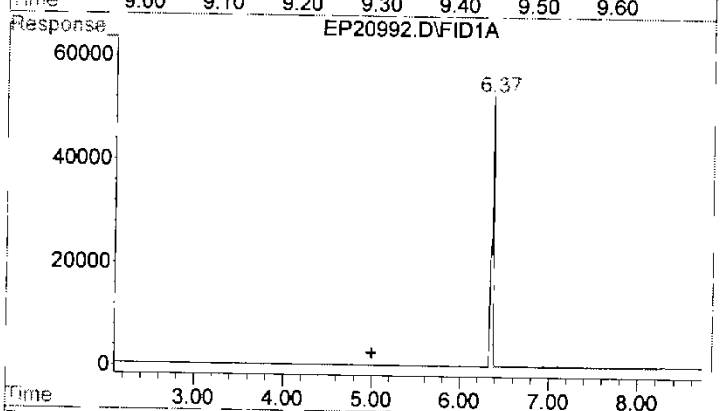
#1 o-terphenyl (S)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 744497
Conc: 20.87 ng/ul



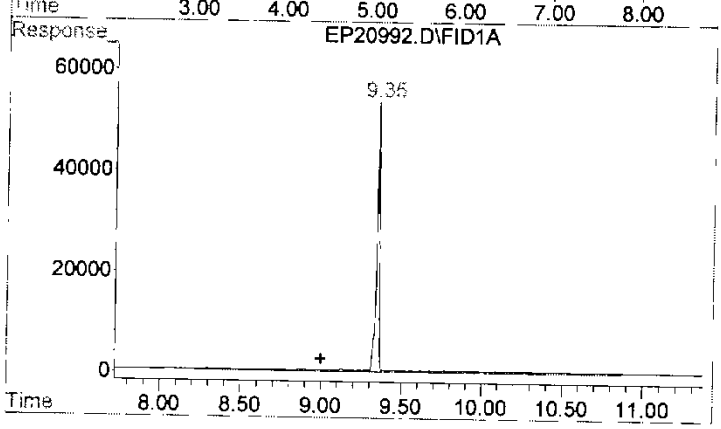
#2 n-triacontane-d62 (S)

R.T.: 9.350 min
Delta R.T.: -0.005 min
Response: 609610
Conc: 20.32 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 175977
Conc: 3.07 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 398726
Conc: 12.67 ng/ul m

Quantitation Report (Not Reviewed)

Data File : G:\DATA\040407_A\EP20993.D
Acq On : 4 Apr 2007 17:01
Sample : 580-5407-A-6-H
Misc :
IntFile : events.e
Vial: 15
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 :

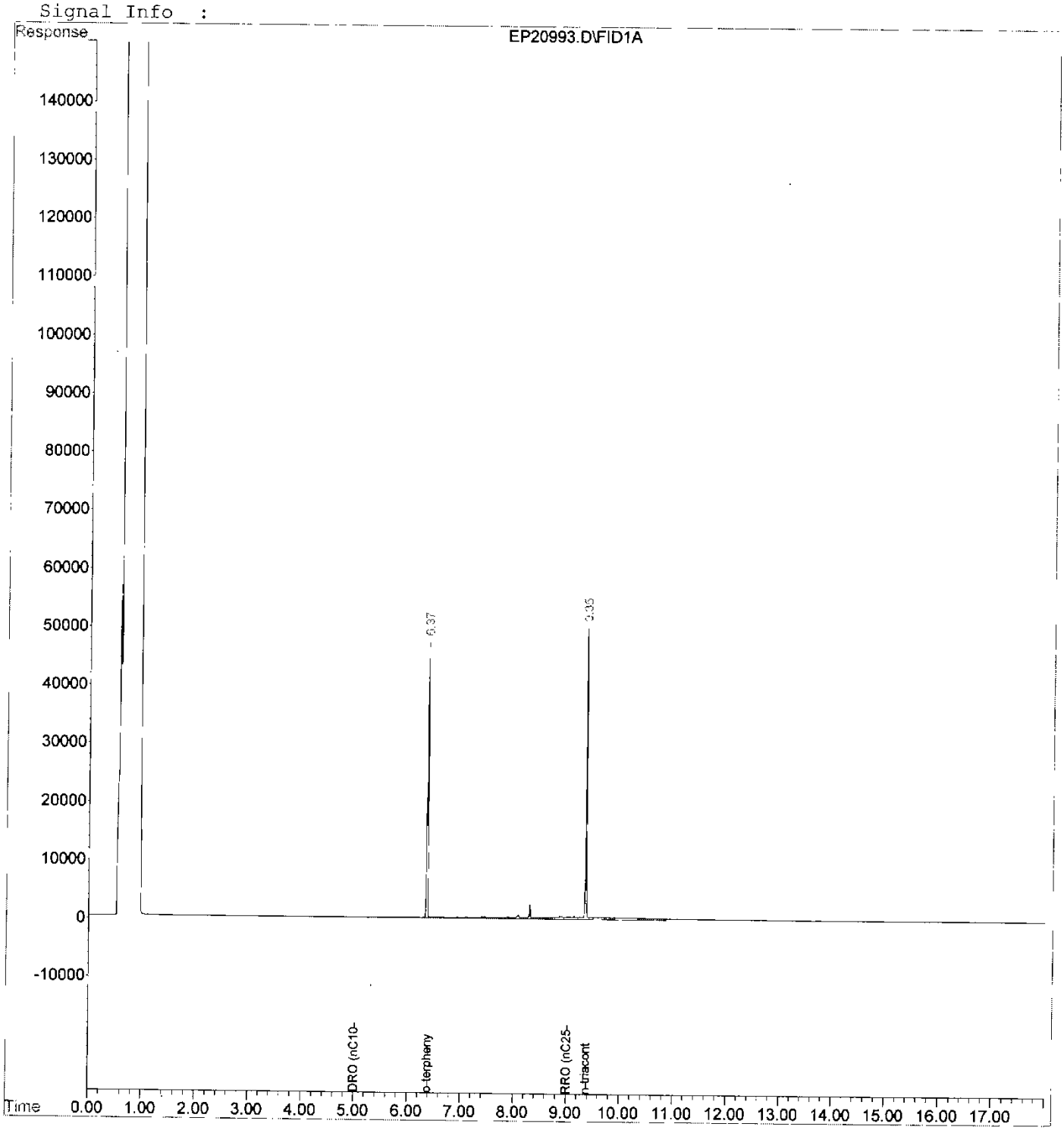
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.37	591936	16.594	ng/ul
2)	S	n-triacontane-d62 (S)	9.35	570722	19.025	ng/ul
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	257891	5.408	ng/ul
4)	H	RRO (nC25-nC36)	9.00	495750	18.334	ng/ul

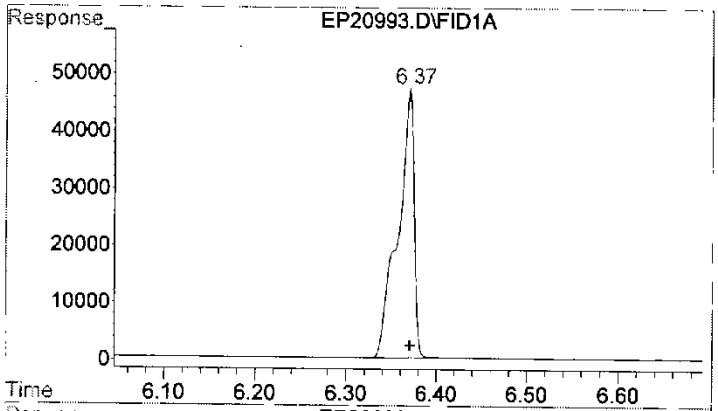
Data File : G:\DATA\040407_A\EP20993.D
Acq On : 4 Apr 2007 17:01
Sample : 580-5407-A-6-H
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

Vial: 15
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

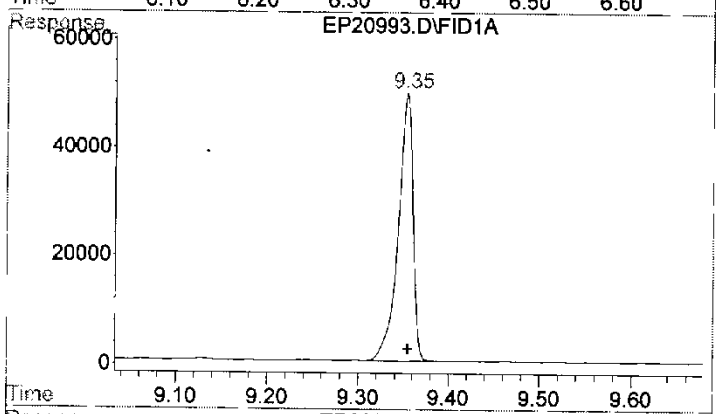
Volume Inj. :
Signal Phase :
Signal Info :





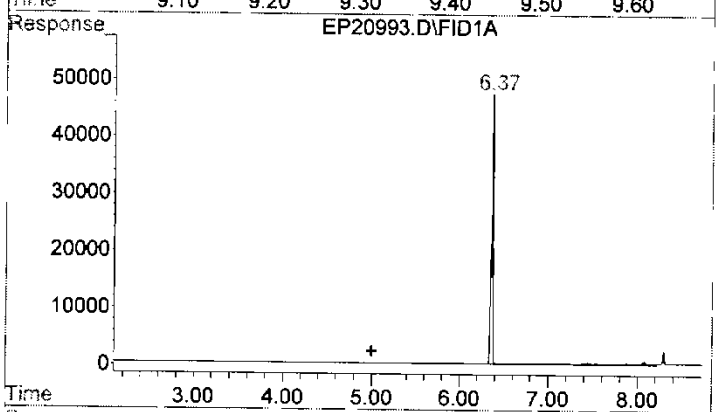
#1 o-terphenyl (S)

R.T.: 6.369 min
Delta R.T.: -0.002 min
Response: 591936
Conc: 16.59 ng/ul



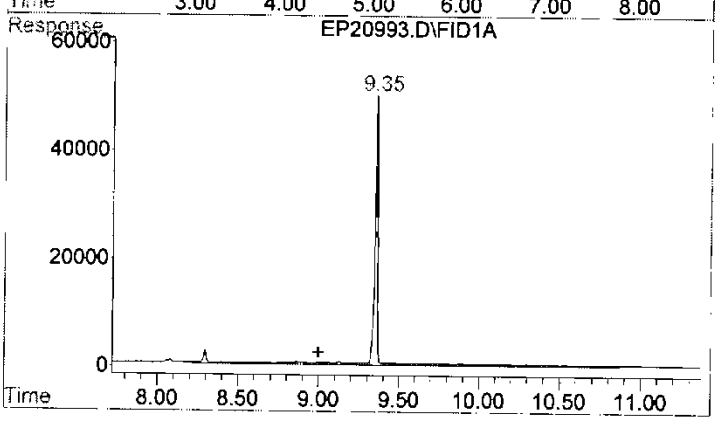
#2 n-triacontane-d62 (S)

R.T.: 9.353 min
Delta R.T.: -0.002 min
Response: 570722
Conc: 19.03 ng/ul



#3 DRO (nC10-<nC25)

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 257891
Conc: 5.41 ng/ul m



#4 RRO (nC25-nC36)

R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 495750
Conc: 18.33 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

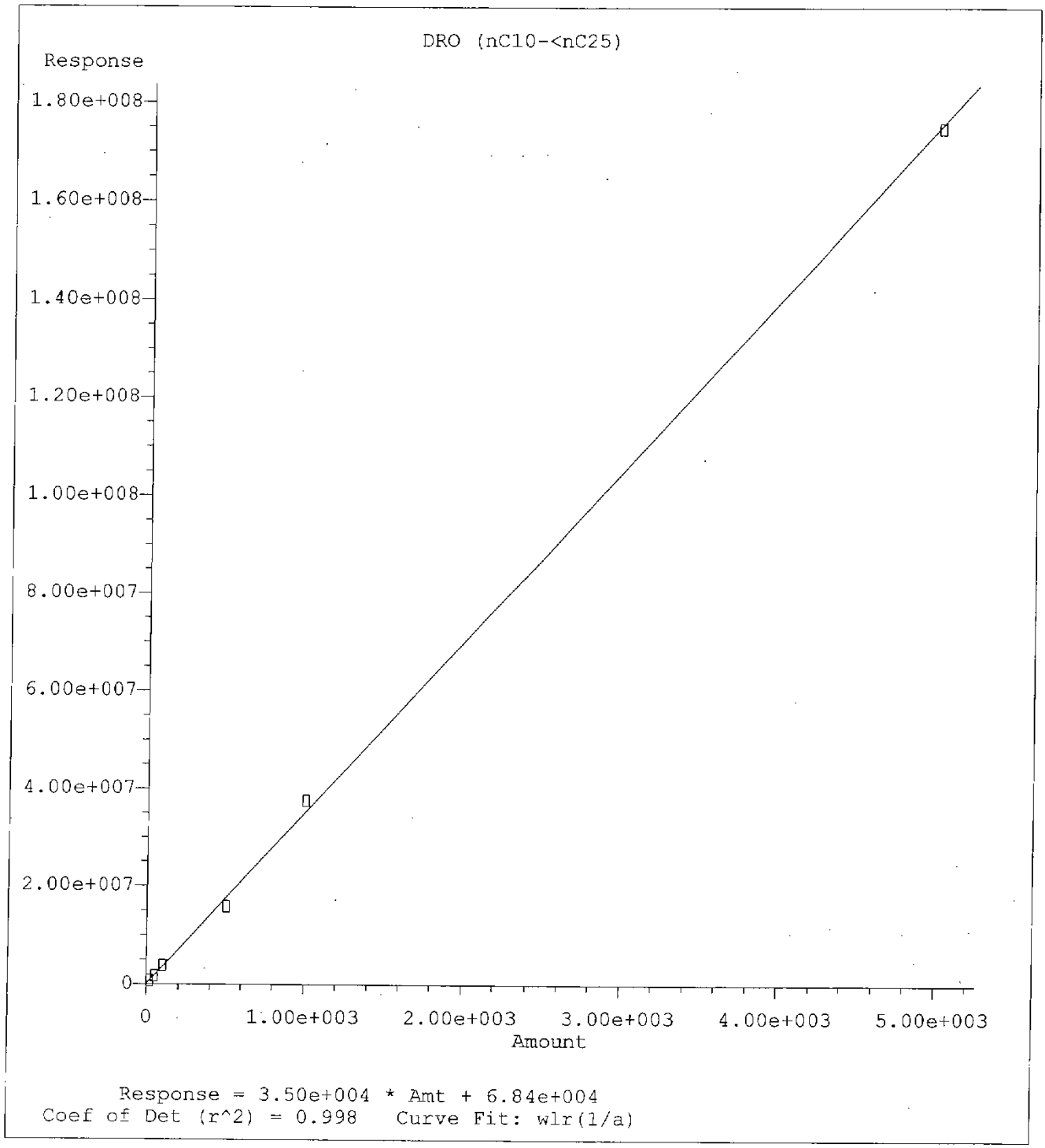
		Compound	20	50	100	500	1000	5000	Avg	%RSD
1)	S	o-terphenyl (S)		3.309	3.682	3.307	3.981	3.556	3.567 E4	7.91
2)	S	n-triacontane-d62 (		3.024	3.102	3.058	3.099	2.717	3.000 E4	5.39
3)	H	DRO (nC10-<nC25)	3.971	3.389	3.828	3.156	3.754	3.488	3.598 E4	8.49
4)	H	RRO (nC25-nC36)		2.048	1.945	1.728	1.852	1.595	1.834 E4	9.72

#) = Out of Range

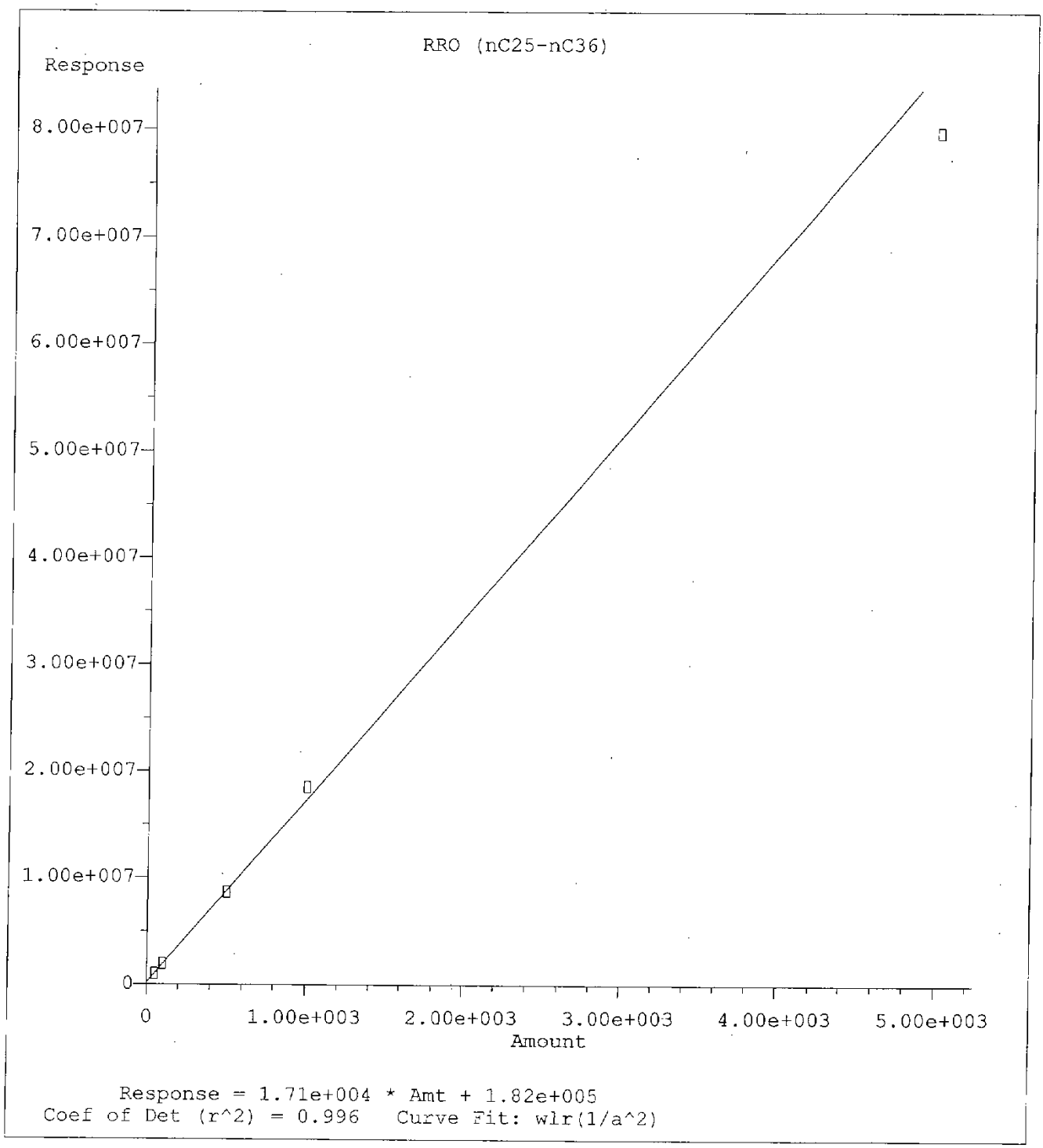
Injection Log

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

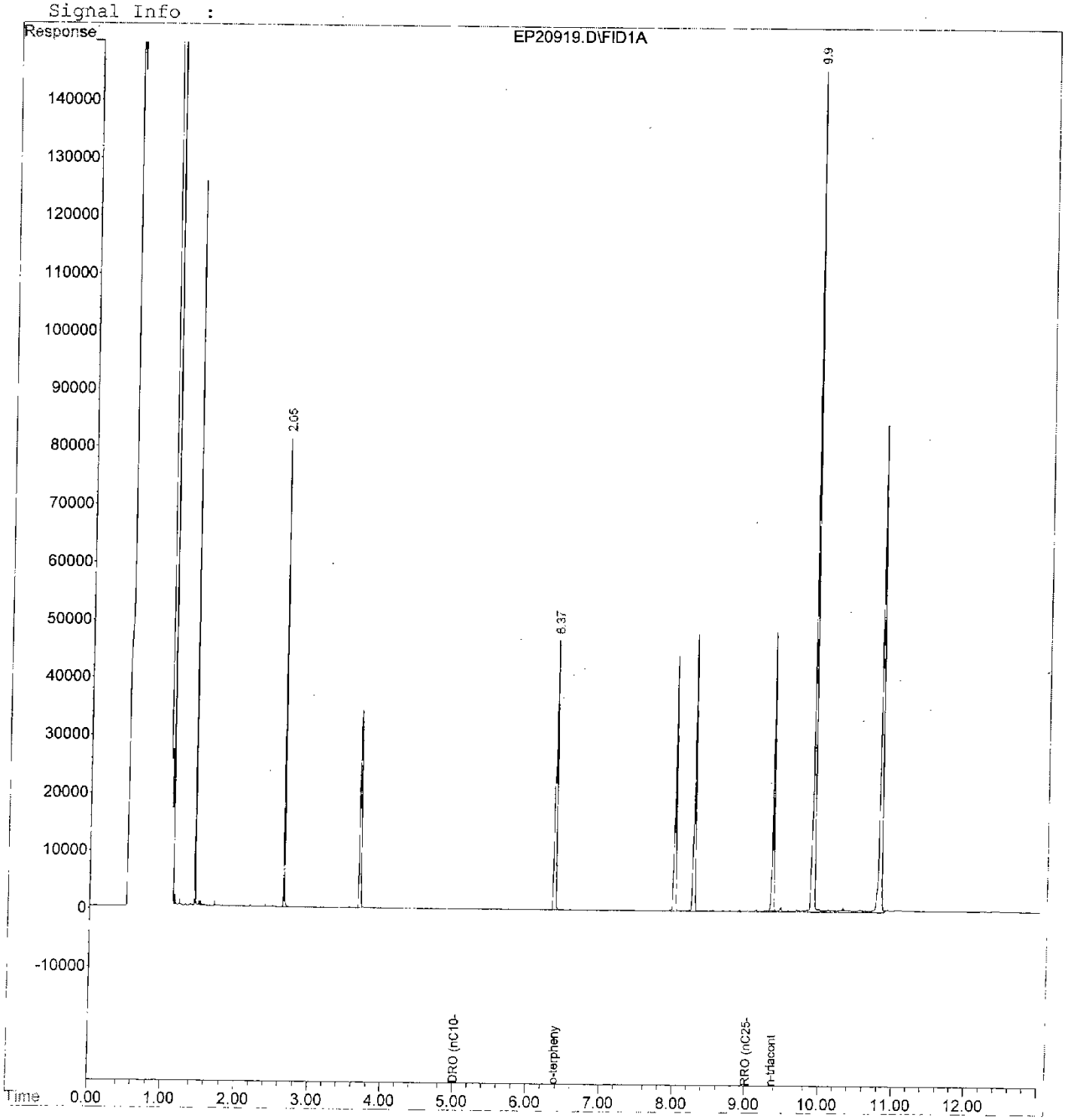
Quantitation Report (Not Reviewed)

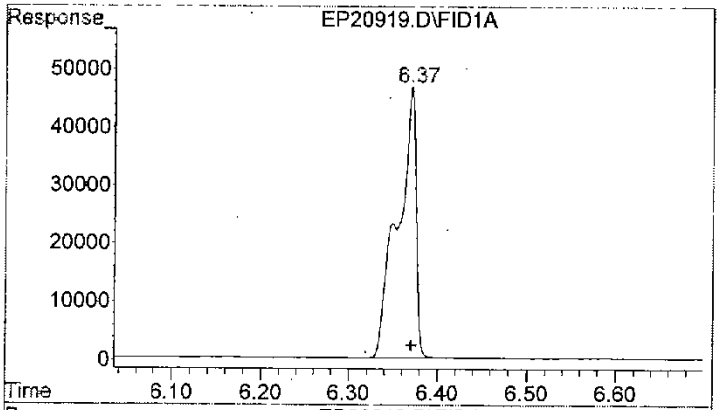
Data File : G:\DATA\040207_A\EP20919.D
Acq On : 2 Apr 2007 10:10
Sample : 1166-88-2 n-alkane rt std
Misc :
IntFile : events.e
Quant Time: Apr 2 13:52 2007 Quant Results File: AKXF0402.RES

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

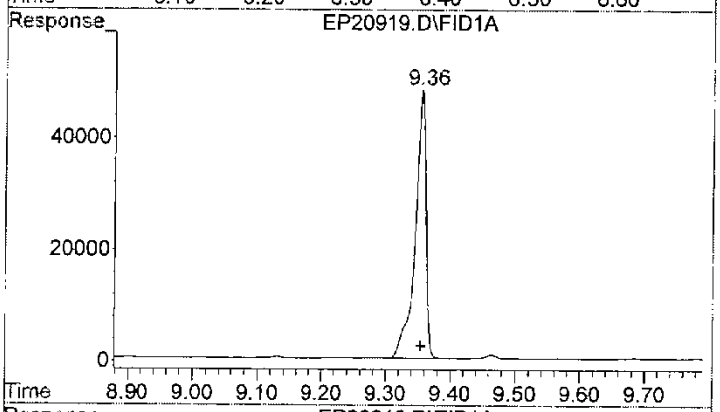
Volume Inj. :
Signal Phase :
Signal Info :





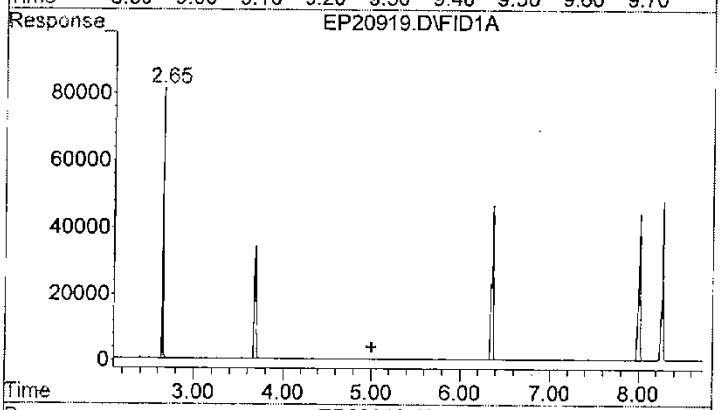
#1 o-terphenyl (S)

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 674431
Conc: 18.91 ng/ul



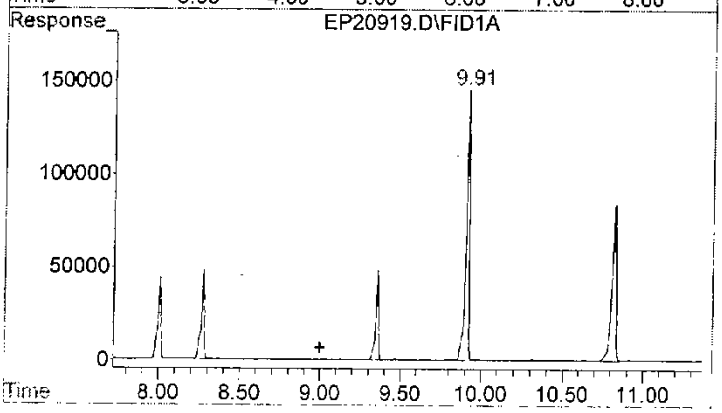
#2 n-triacontane-d62 (S)

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

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

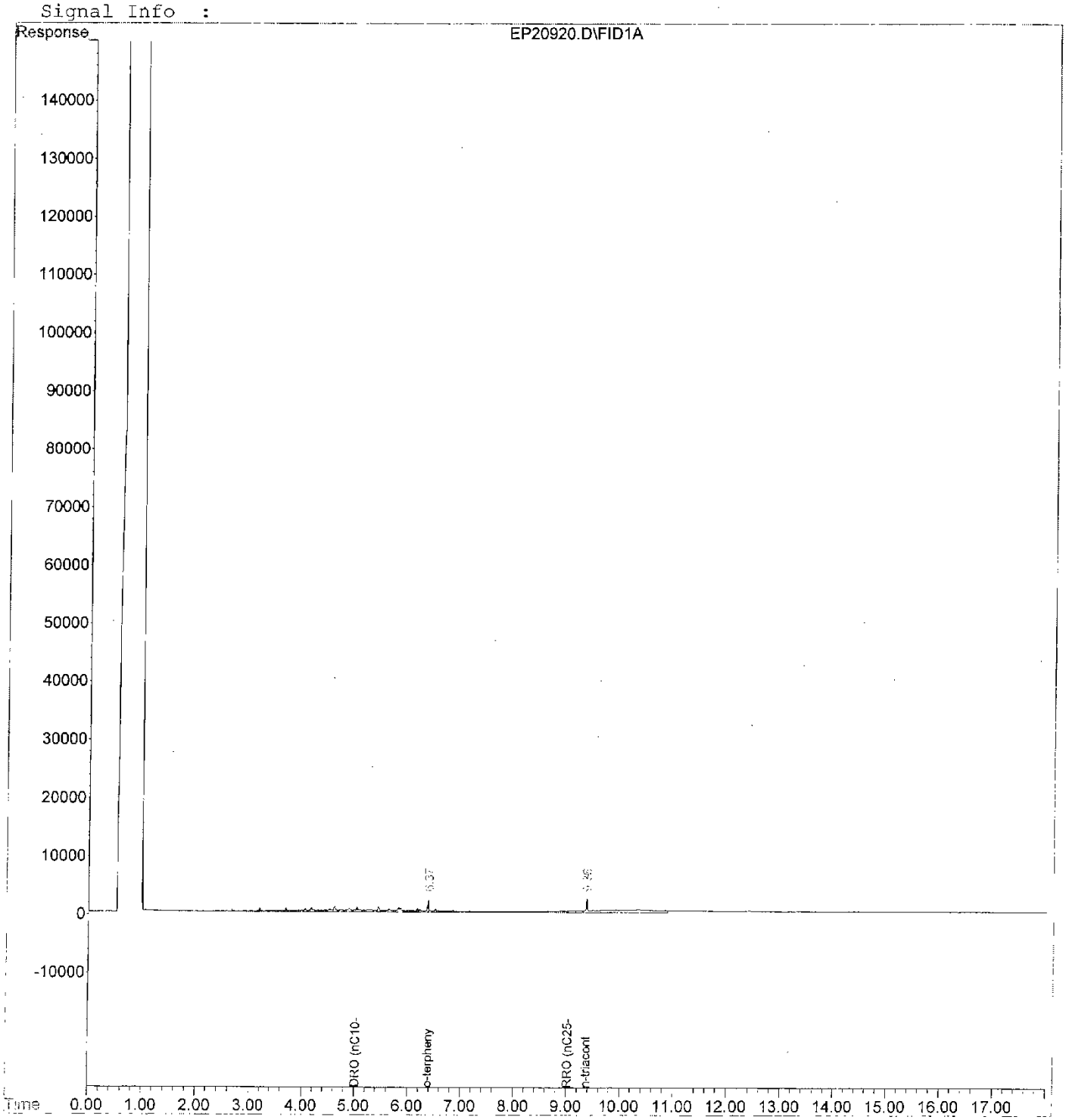
Volume Inj. :
Signal Phase :
Signal Info :

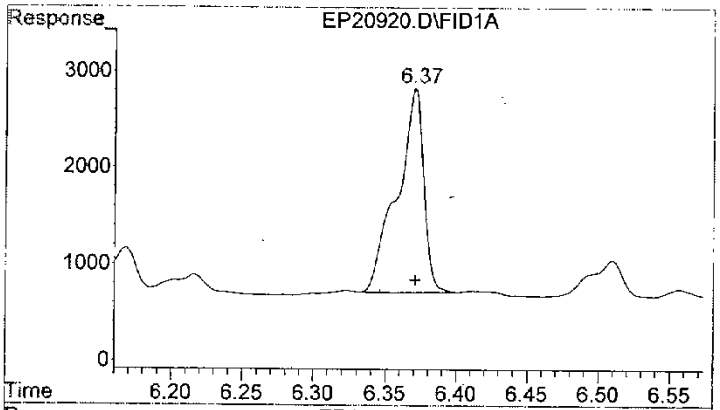
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.37	27657	0.775	ng/ulm
2)	S	n-triacontane-d62 (S)	9.36	23120	0.771	ng/ulm
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	795937	20.768	ng/ul
4)	H	RRO (nC25-nC36)	9.00	530762	20.378	ng/ul

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

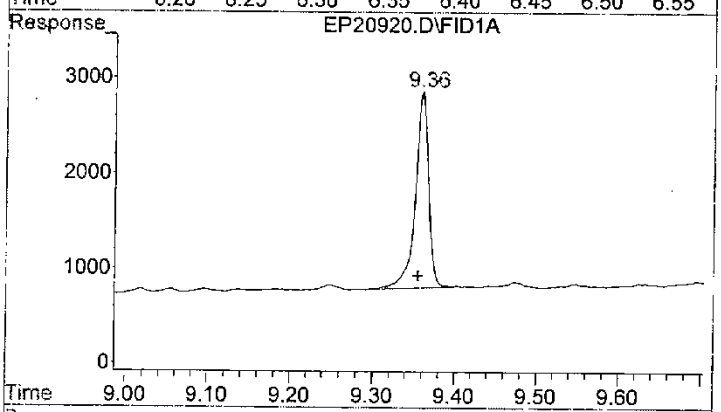
Volume Inj. :
Signal Phase :
Signal Info :





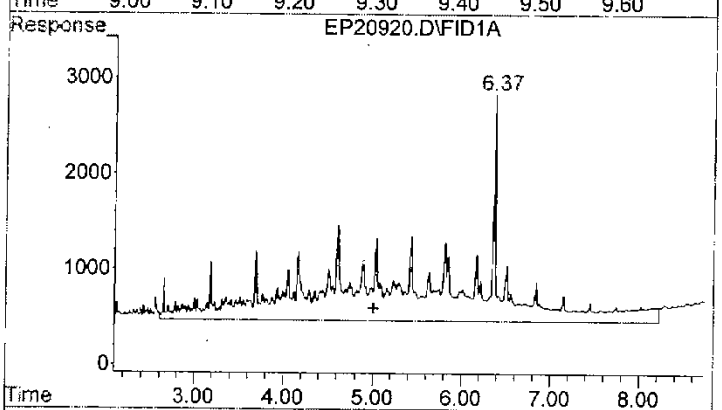
#1 o-terphenyl (S)

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 27657
Conc: 0.78 ng/ul m



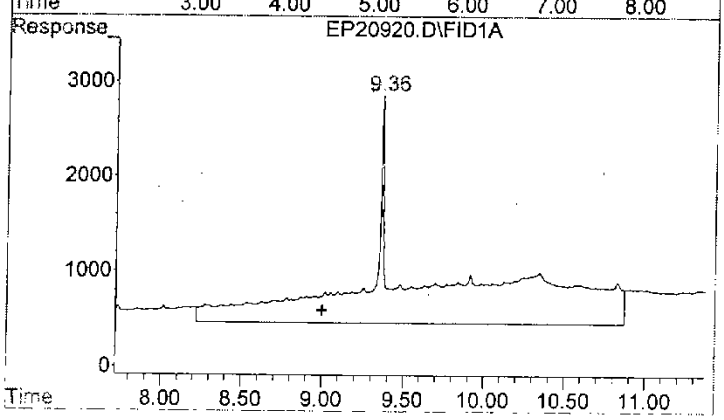
#2 n-triacontane-d62 (S)

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

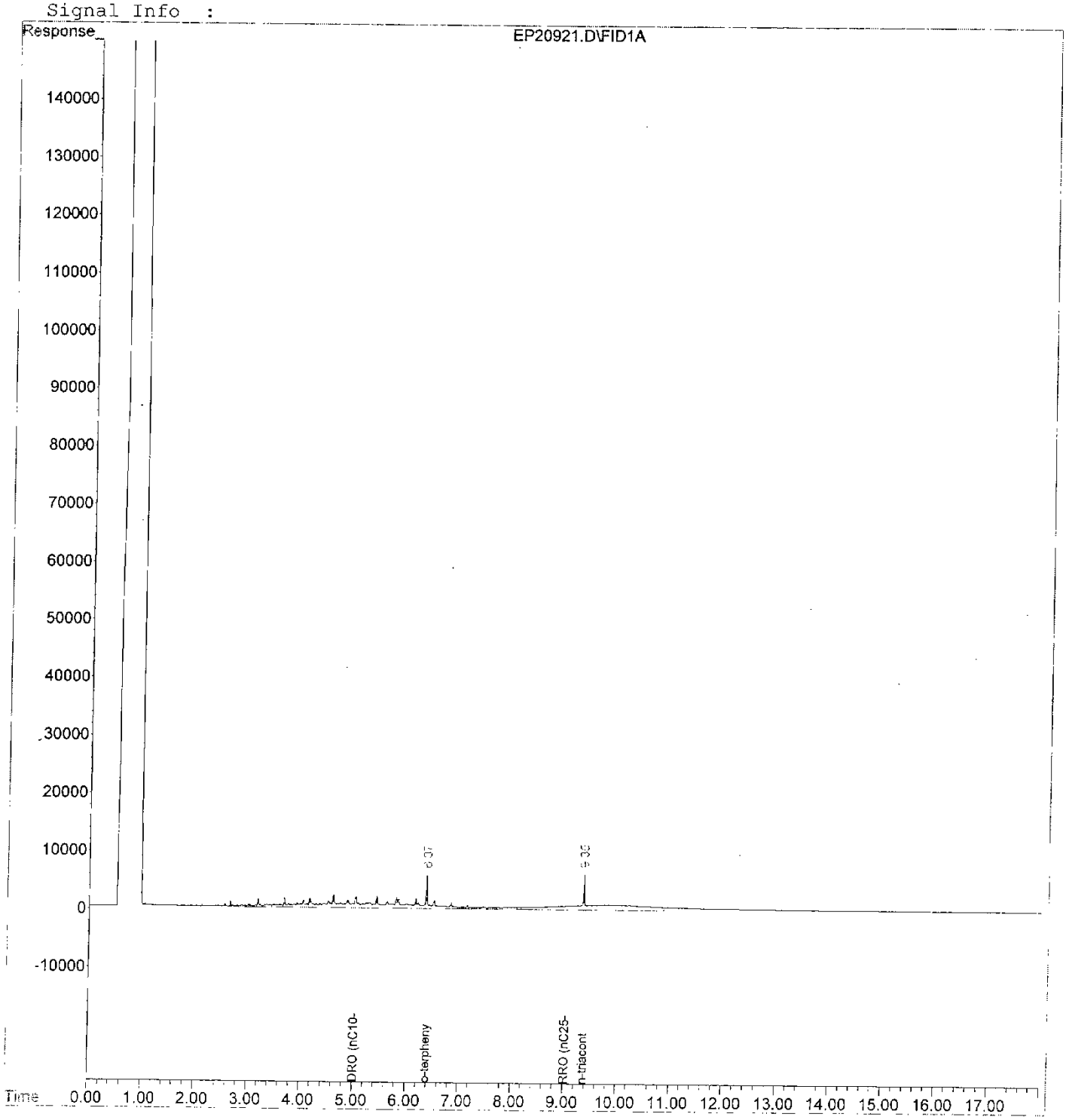
Quantitation Report (Not Reviewed)

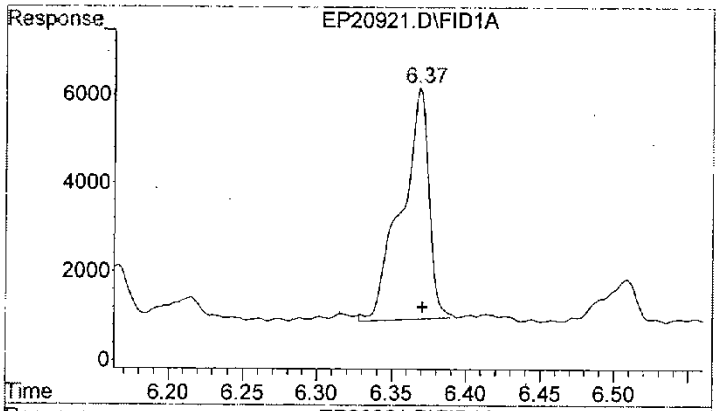
Data File : G:\DATA\040207_A\EP20921.D
Acq On : 2 Apr 2007 11:14
Sample : IC 106692 50 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

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 : EXTFACQ.M

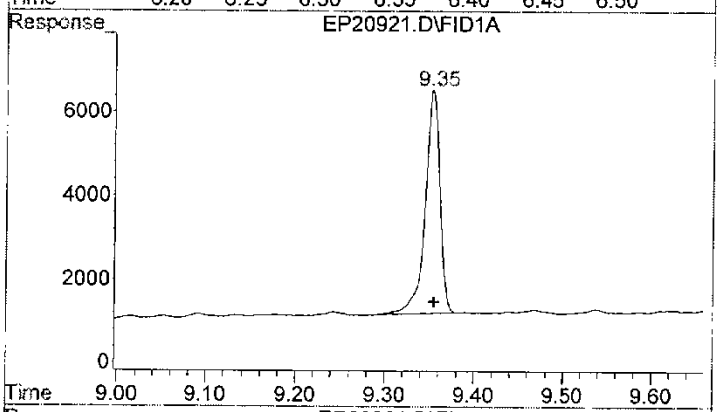
Volume Inj. :
Signal Phase :
Signal Info :





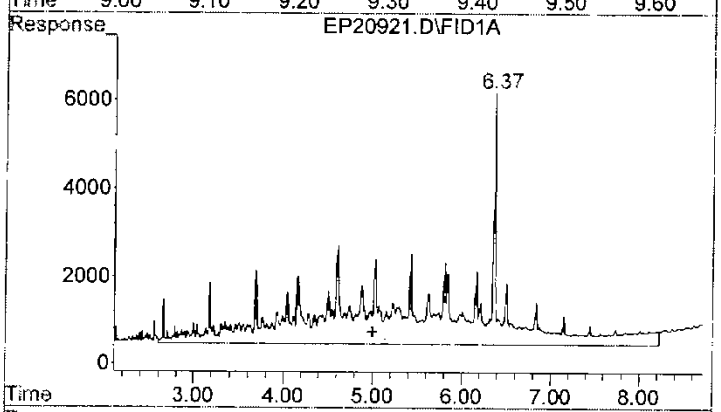
#1 o-terphenyl (S)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 67309
Conc: 1.89 ng/ul



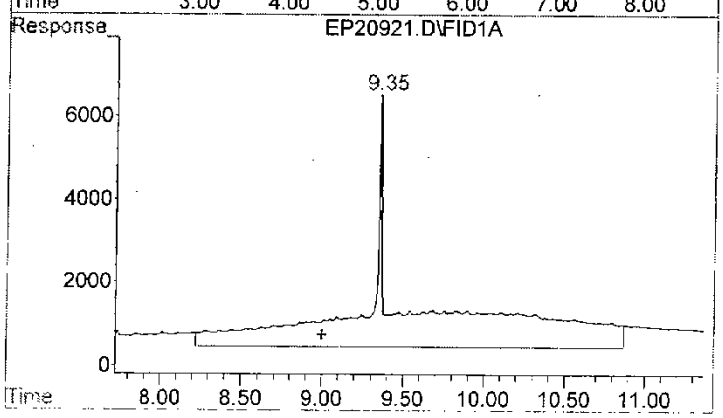
#2 n-triacontane-d62 (S)

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 :

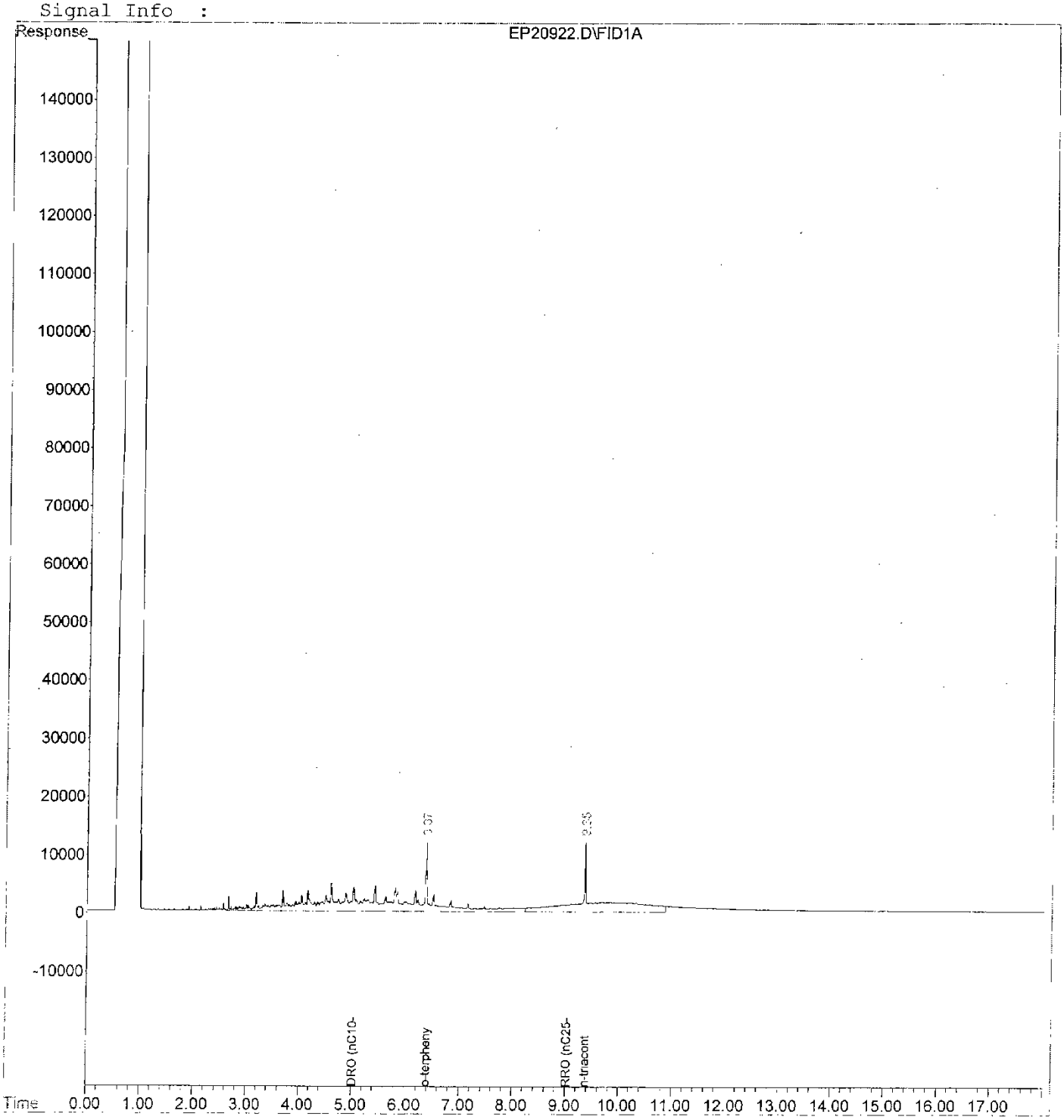
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	149789	4.199 ng/ul
2)	S	n-triacontane-d62 (S)	9.35	124959	4.166 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	3837889	107.606 ng/ul
4)	H	RRO (nC25-nC36)	9.00	1945071	102.945 ng/ul

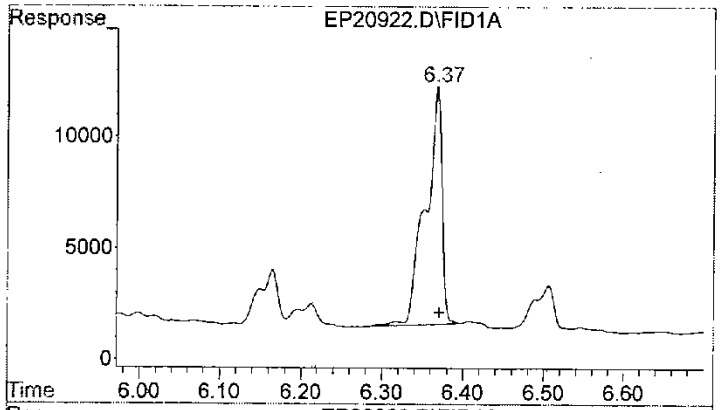
Quantitation Report (Not Reviewed)

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

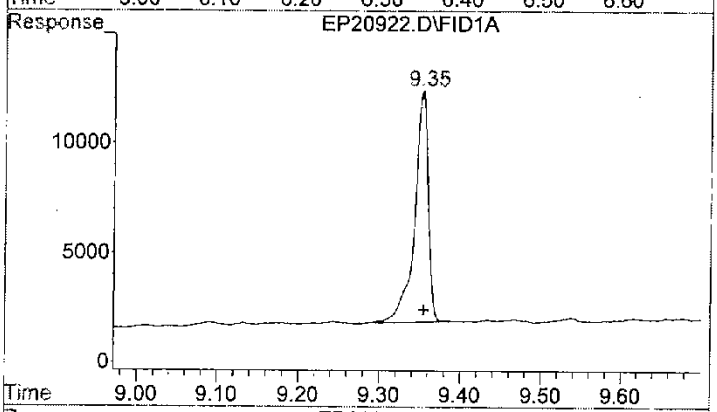
Volume Inj. :
Signal Phase :
Signal Info :





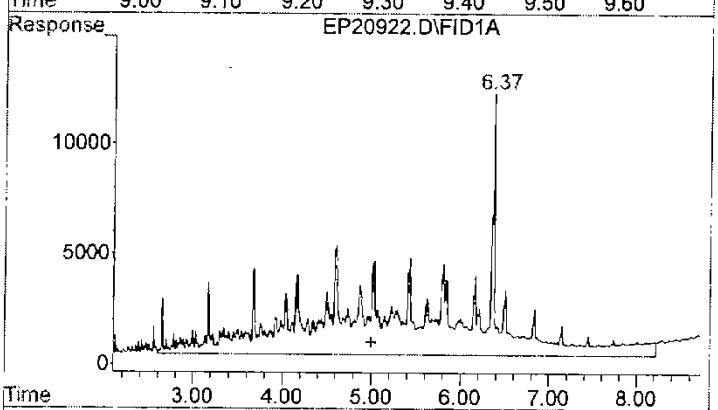
#1 o-terphenyl (S)

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 149789
Conc: 4.20 ng/ul



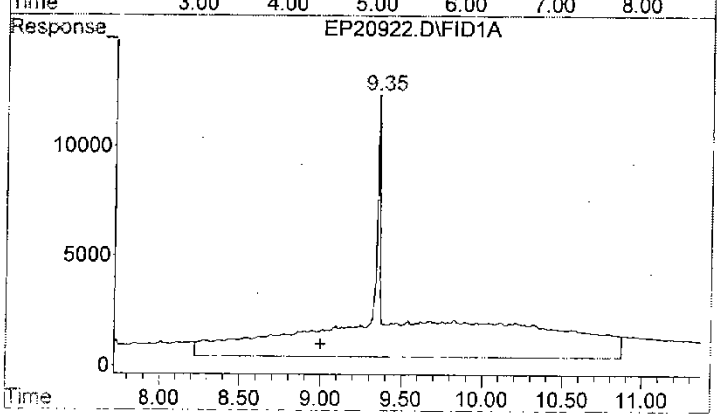
#2 n-triacontane-d62 (S)

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

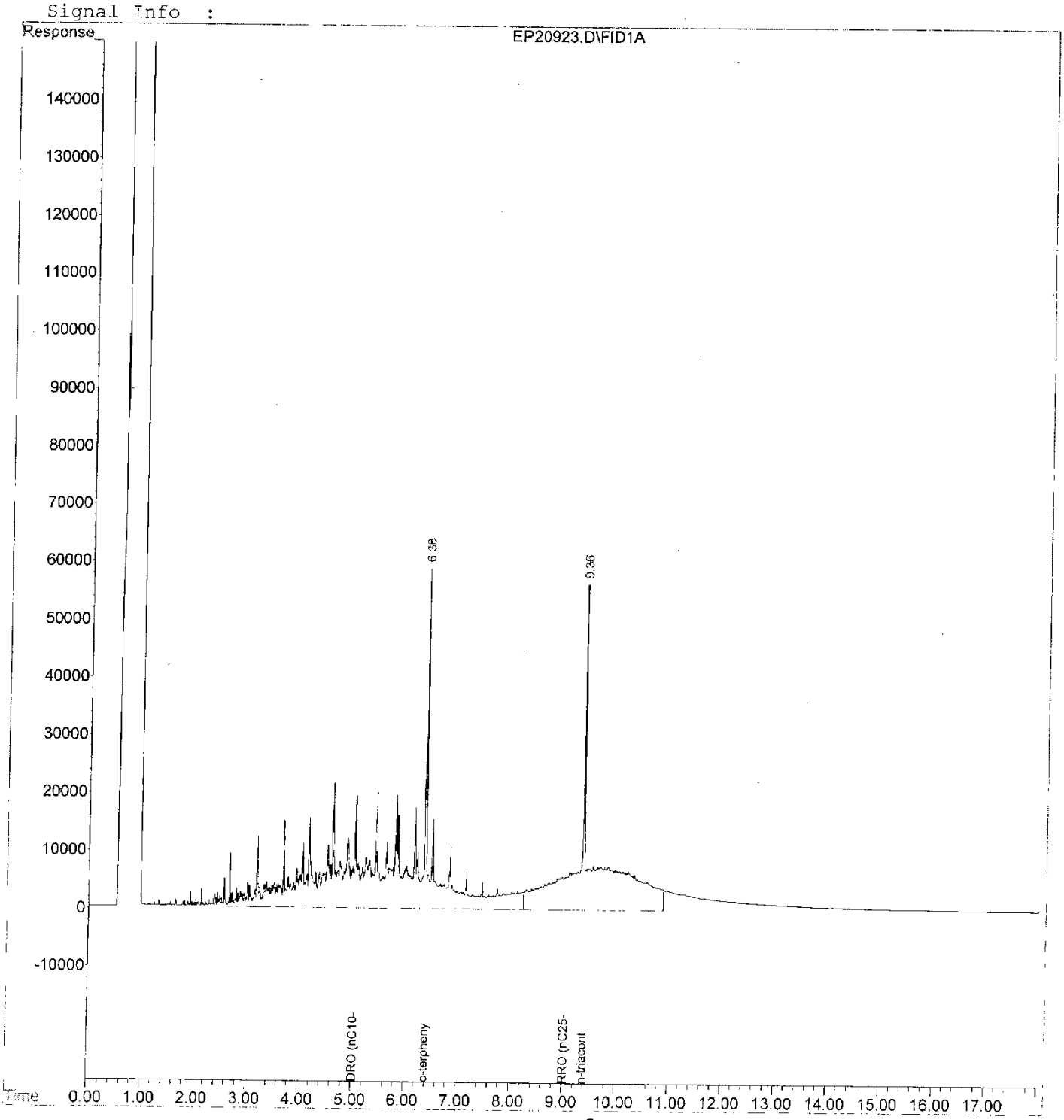
Quantitation Report (Not Reviewed)

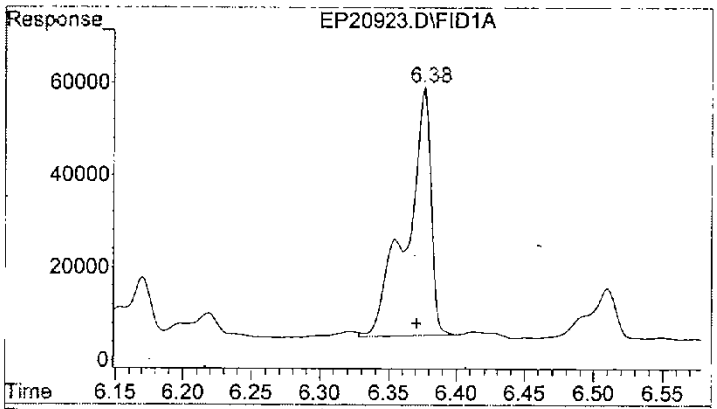
Data File : G:\DATA\040207_A\EP20923.D
Acq On : 2 Apr 2007 12:07
Sample : IC 106663 500 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

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 : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

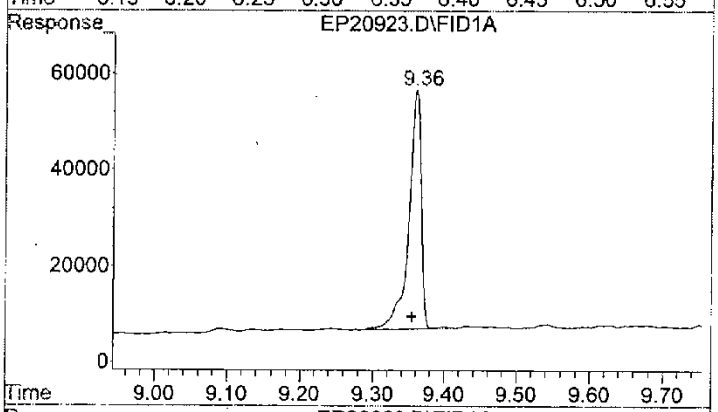
Volume Inj. :
Signal Phase :
Signal Info :





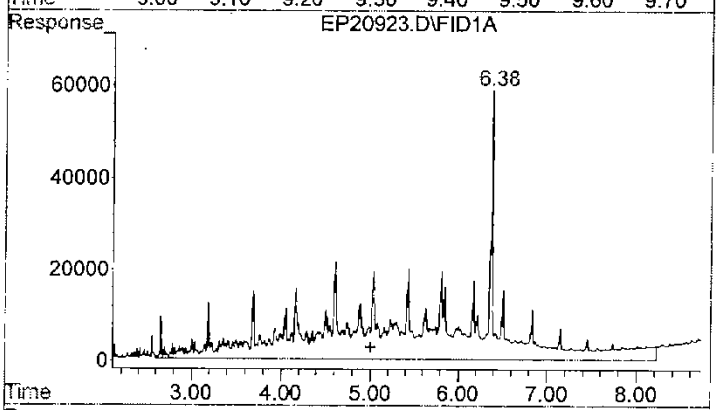
#1 o-terphenyl (S)

R.T.: 6.375 min
Delta R.T.: 0.005 min
Response: 672725
Conc: 18.86 ng/ul



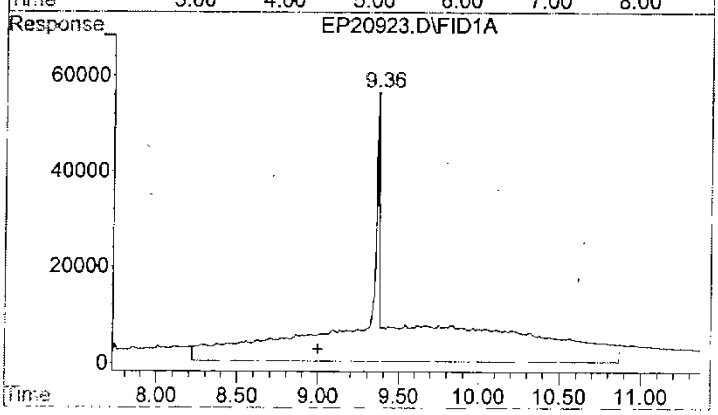
#2 n-triacontane-d62 (S)

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 :

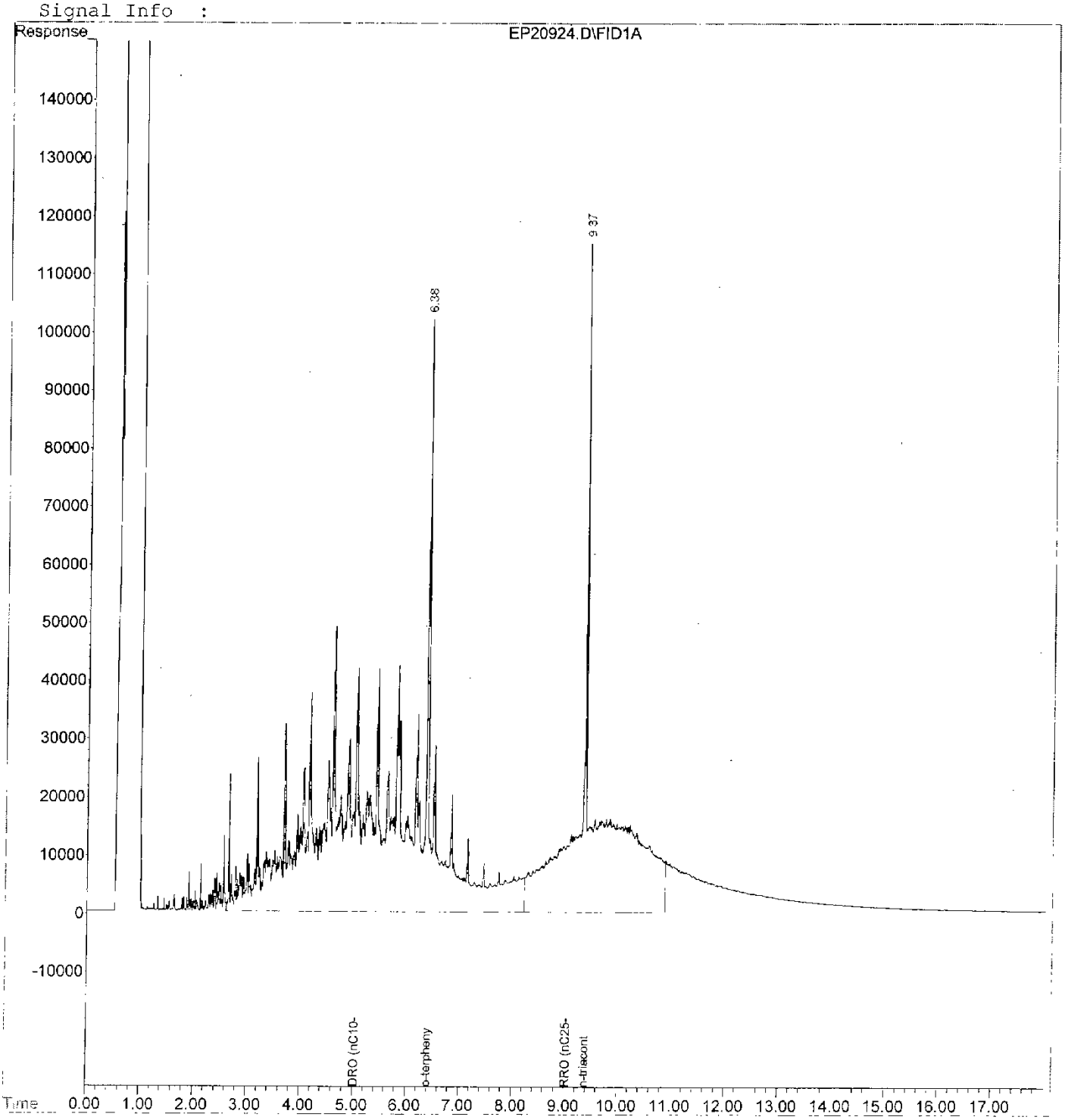
		Compound	R.T.	Response	Conc	Units
		System Monitoring Compounds				
1)	S	o-terphenyl (S)	6.38	1619301	45.395	ng/ul
2)	S	n-triacontane-d62 (S)	9.37	1248236	41.610	ng/ul
		Target Compounds				
3)	H	DRO (nC10-<nC25)	5.00	37641516	1072.597	ng/ul
4)	H	RRO (nC25-nC36)	9.00	18517060	1070.410	ng/ul

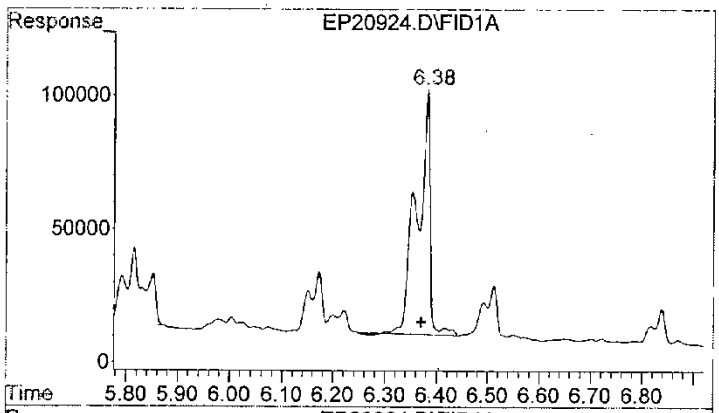
Quantitation Report (Not Reviewed)

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

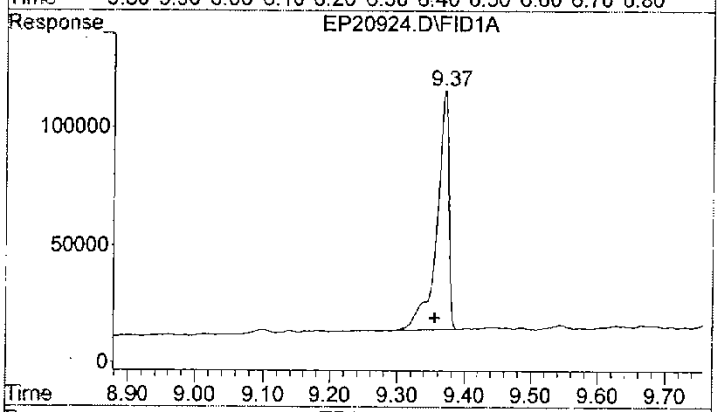
Volume Inj. :
Signal Phase :
Signal Info :





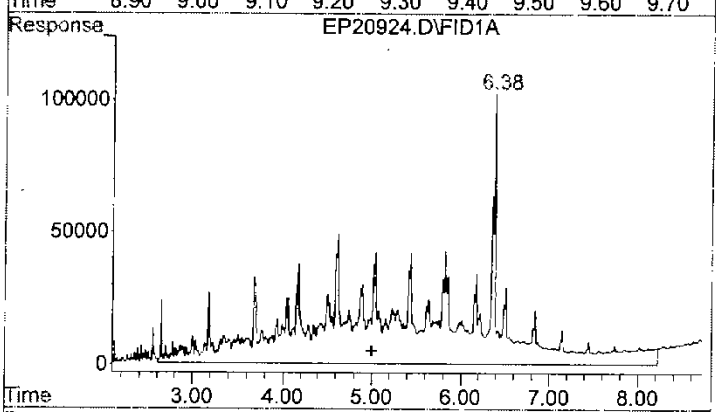
#1 o-terphenyl (S)

R.T.: 6.380 min
Delta R.T.: 0.009 min
Response: 1619301
Conc: 45.40 ng/ul



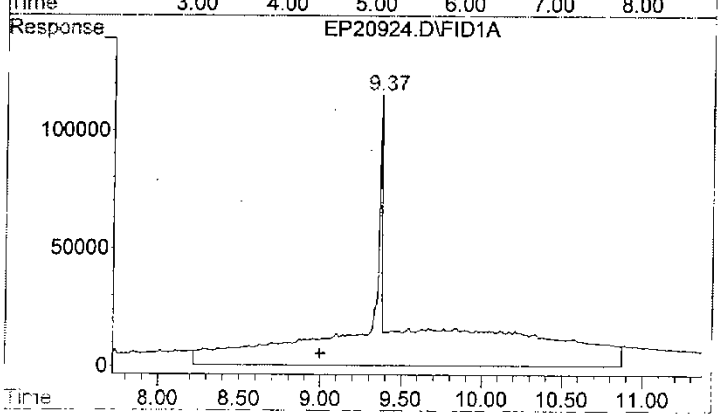
#2 n-triacontane-d62 (S)

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

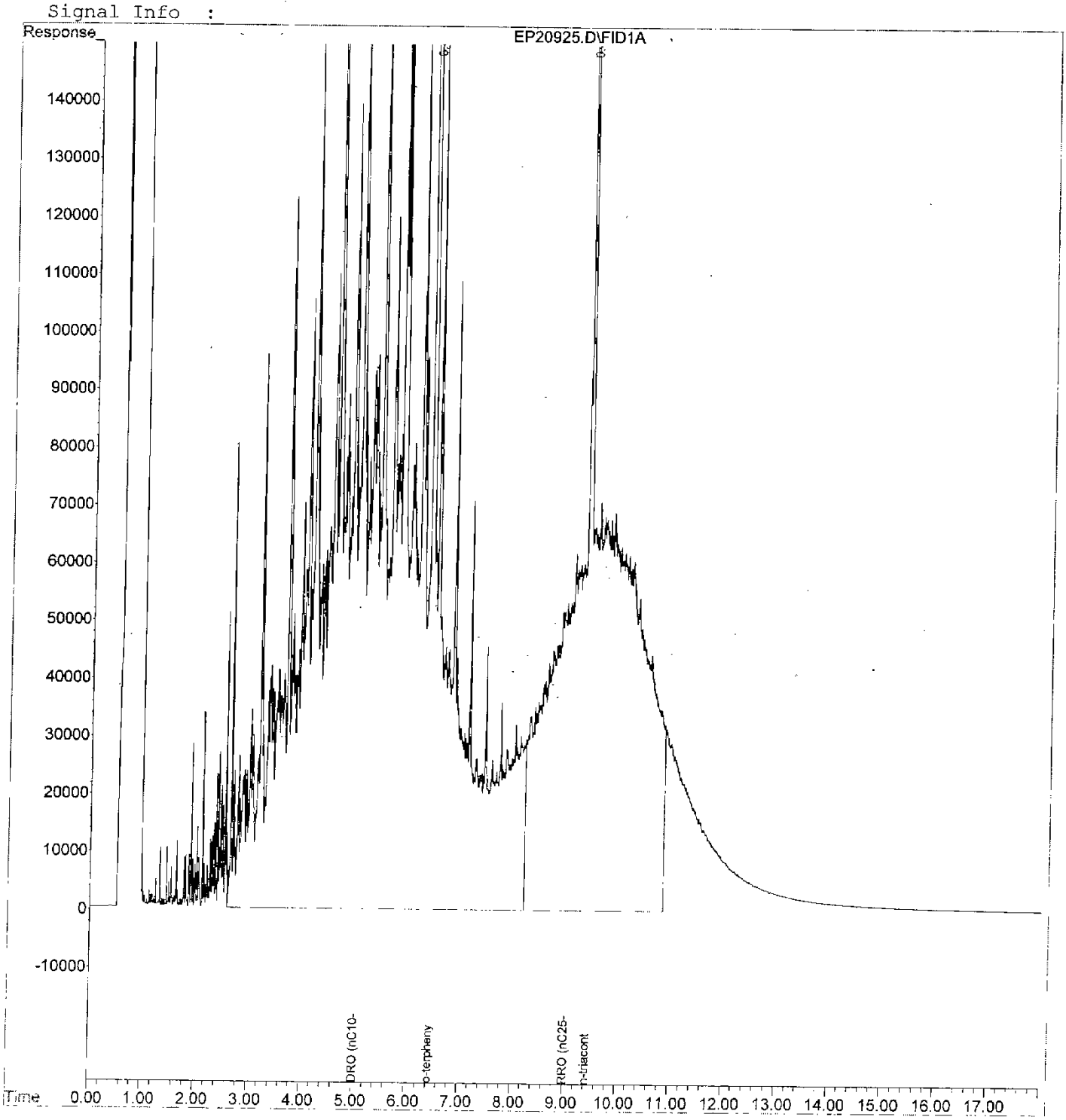
Quantitation Report (QT Reviewed)

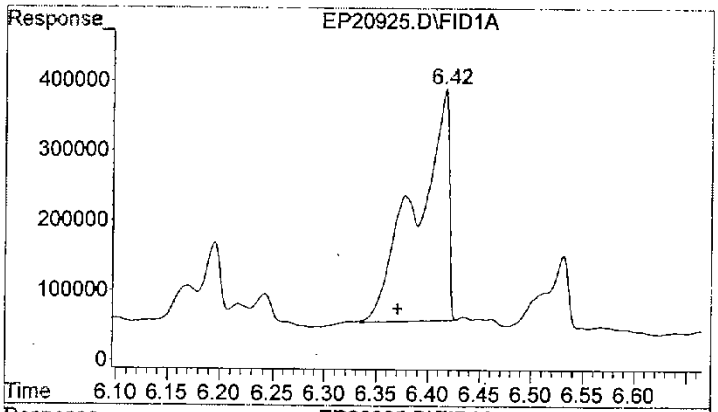
Data File : G:\DATA\040207_A\EP20925.D
Acq On : 2 Apr 2007 13:01
Sample : IC 106661 5000 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:48 2007 Quant Results File: AKXF0402.RES

Vial: 8
Operator: RBF
Inst : SEA016
Multiplr: 1.00

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

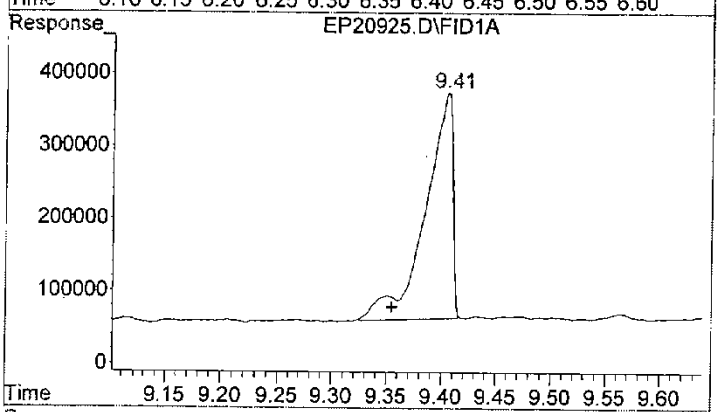
Volume Inj. :
Signal Phase :
Signal Info :





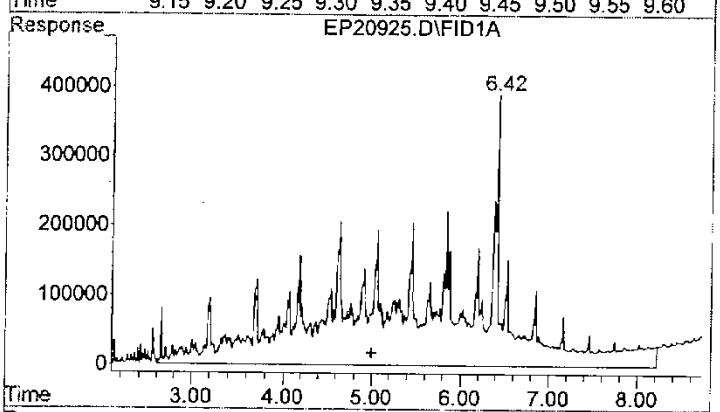
#1 o-terphenyl (S)

R.T.: 6.416 min
Delta R.T.: 0.045 min
Response: 7235558
Conc: 202.84 ng/ul m



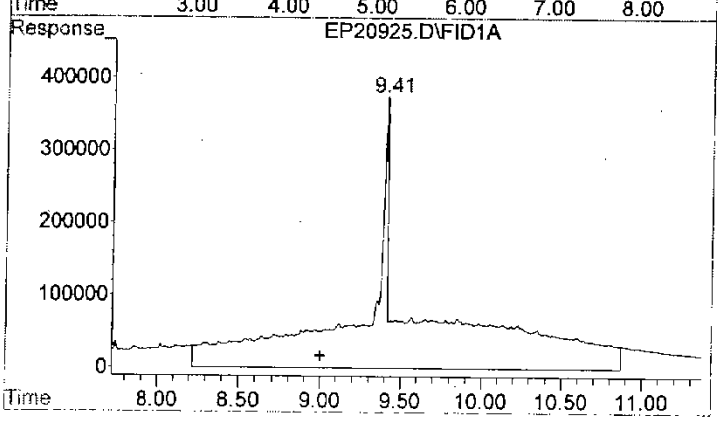
#2 n-triacontane-d62 (S)

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 :

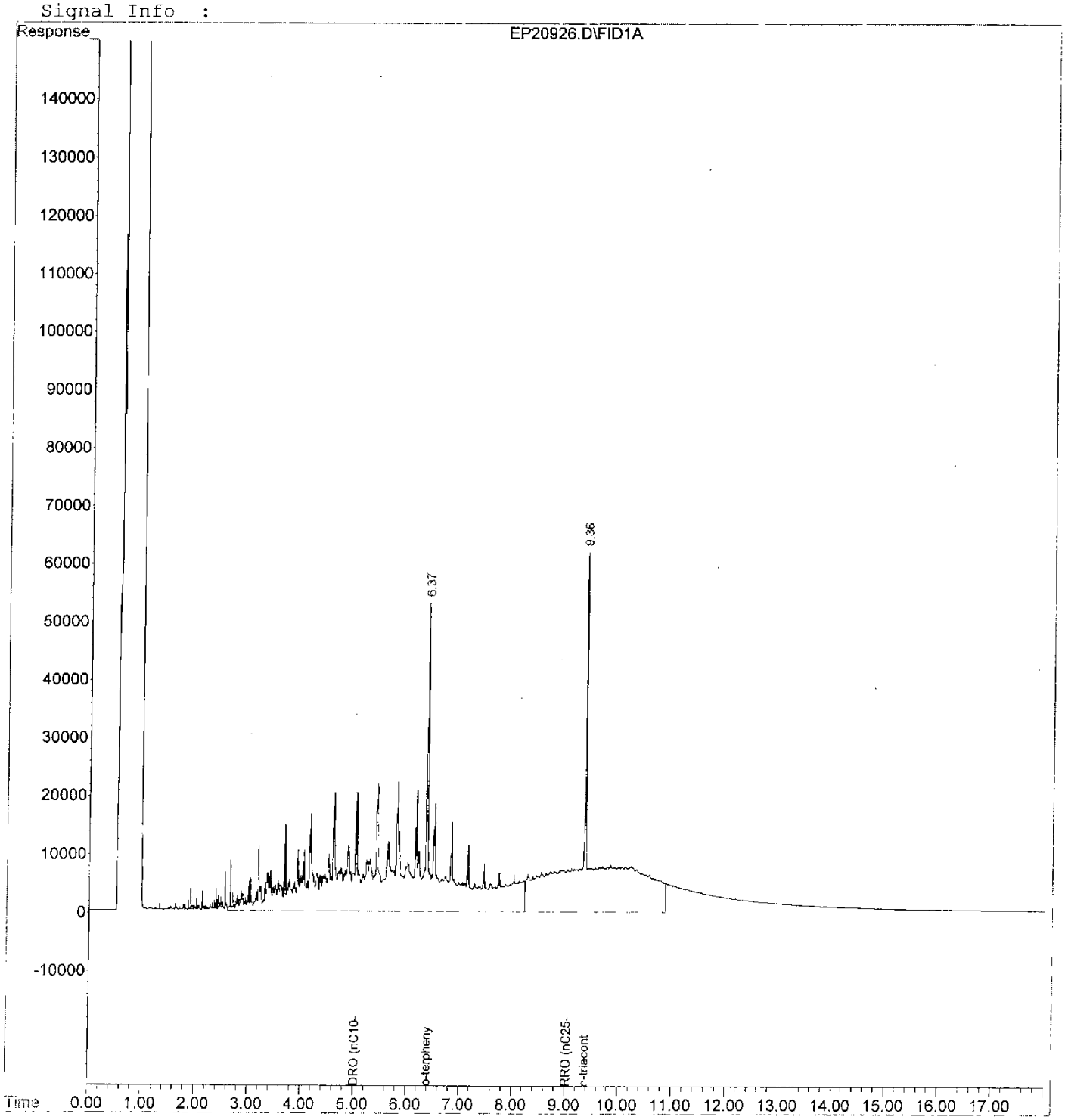
		Compound	R.T.	Response	Conc Units
		System Monitoring Compounds			
1)	S	o-terphenyl (S)	6.37	754865	21.162 ng/ul
2)	S	n-triacontane-d62 (S)	9.36	614285	20.477 ng/ul
		Target Compounds			
3)	H	DRO (nC10-<nC25)	5.00	19207649	546.366 ng/ul
4)	H	RRO (nC25-nC36)	9.00	10769806	618.129 ng/ul

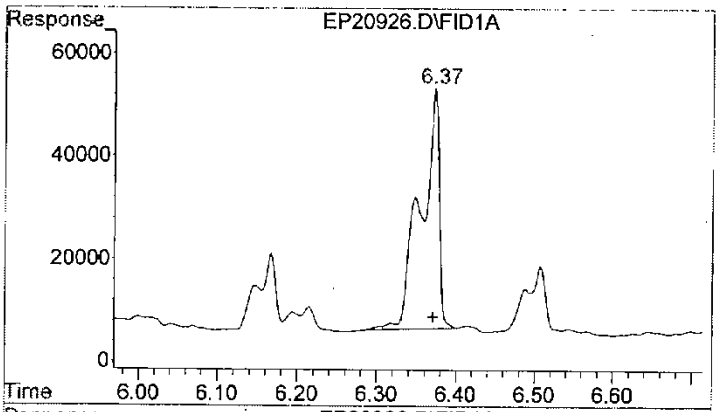
Quantitation Report (Not Reviewed)

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

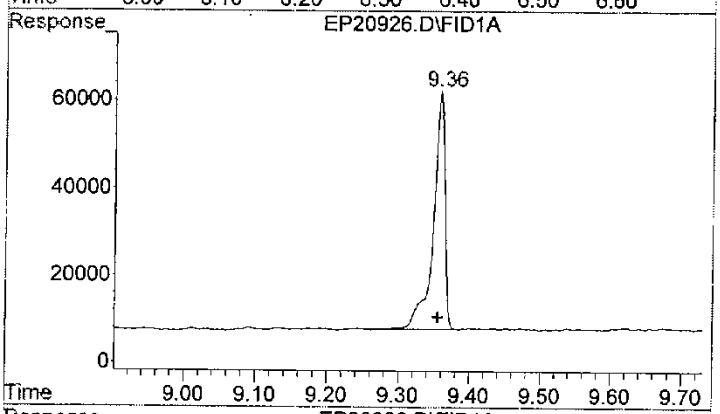
Volume Inj. :
Signal Phase :
Signal Info :





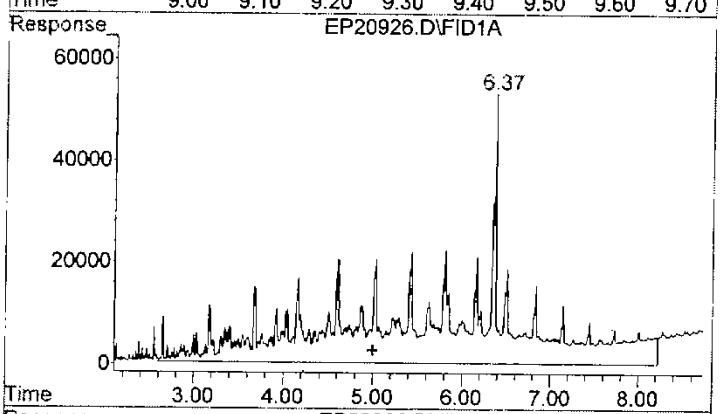
#1 o-terphenyl (S)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 754865
Conc: 21.16 ng/ul



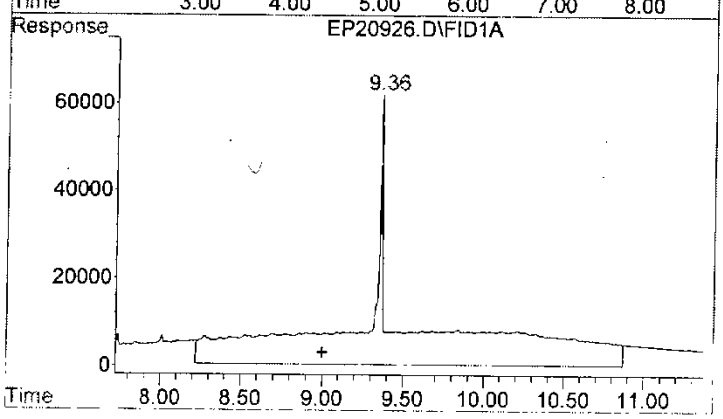
#2 n-triacontane-d62 (S)

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)

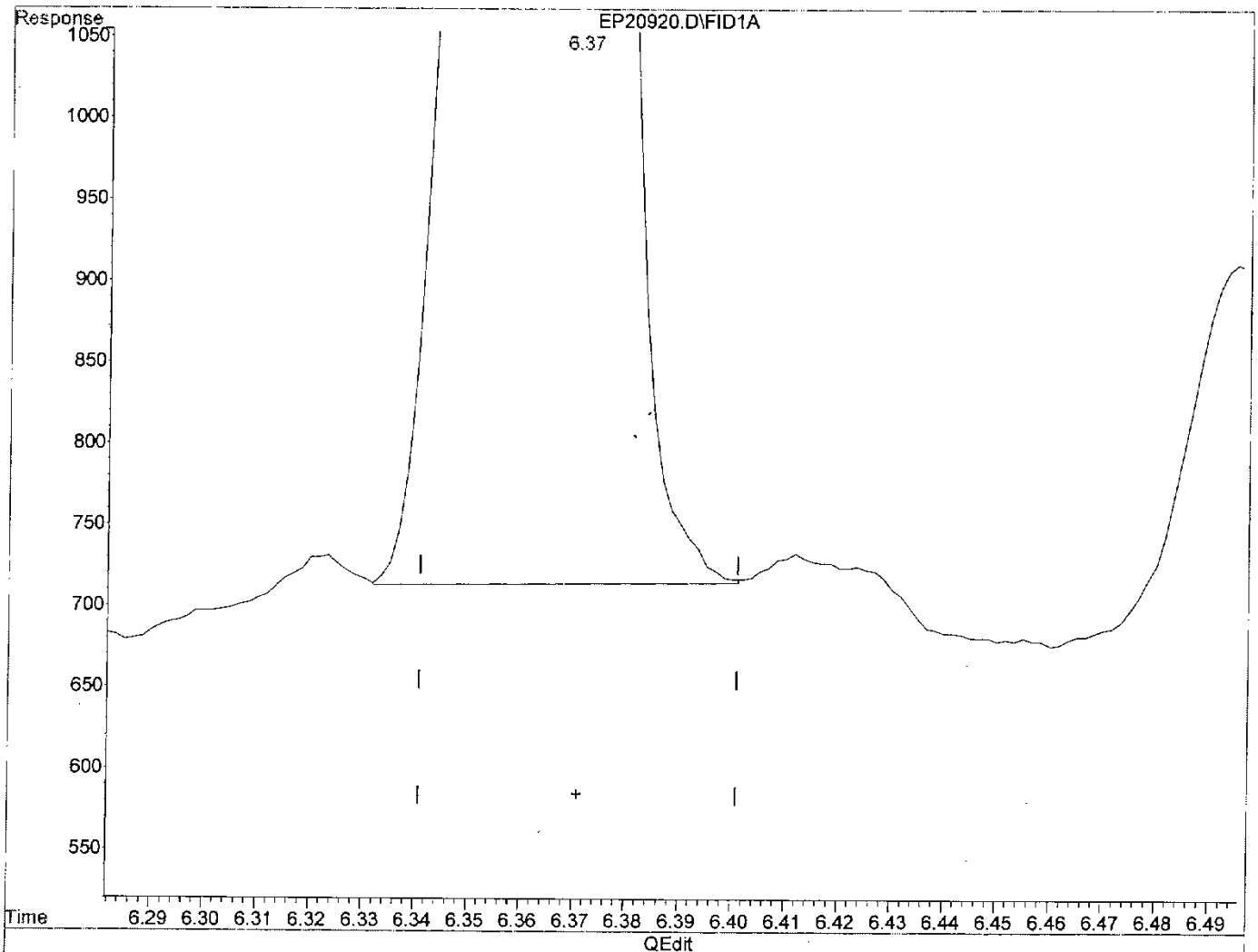
R.T.: 9.000 min
Delta R.T.: 0.000 min
Response: 10769806
Conc: 618.13 ng/ul m

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20920.D
Acq On : 2 Apr 2007 10:47
Sample : IC 106693 20 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:47 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 13:46:34 2007
Response via : Multiple Level Calibration



(1) o-terphenyl (S) (S)

6.37min 0.775ng/ul m

response 27657

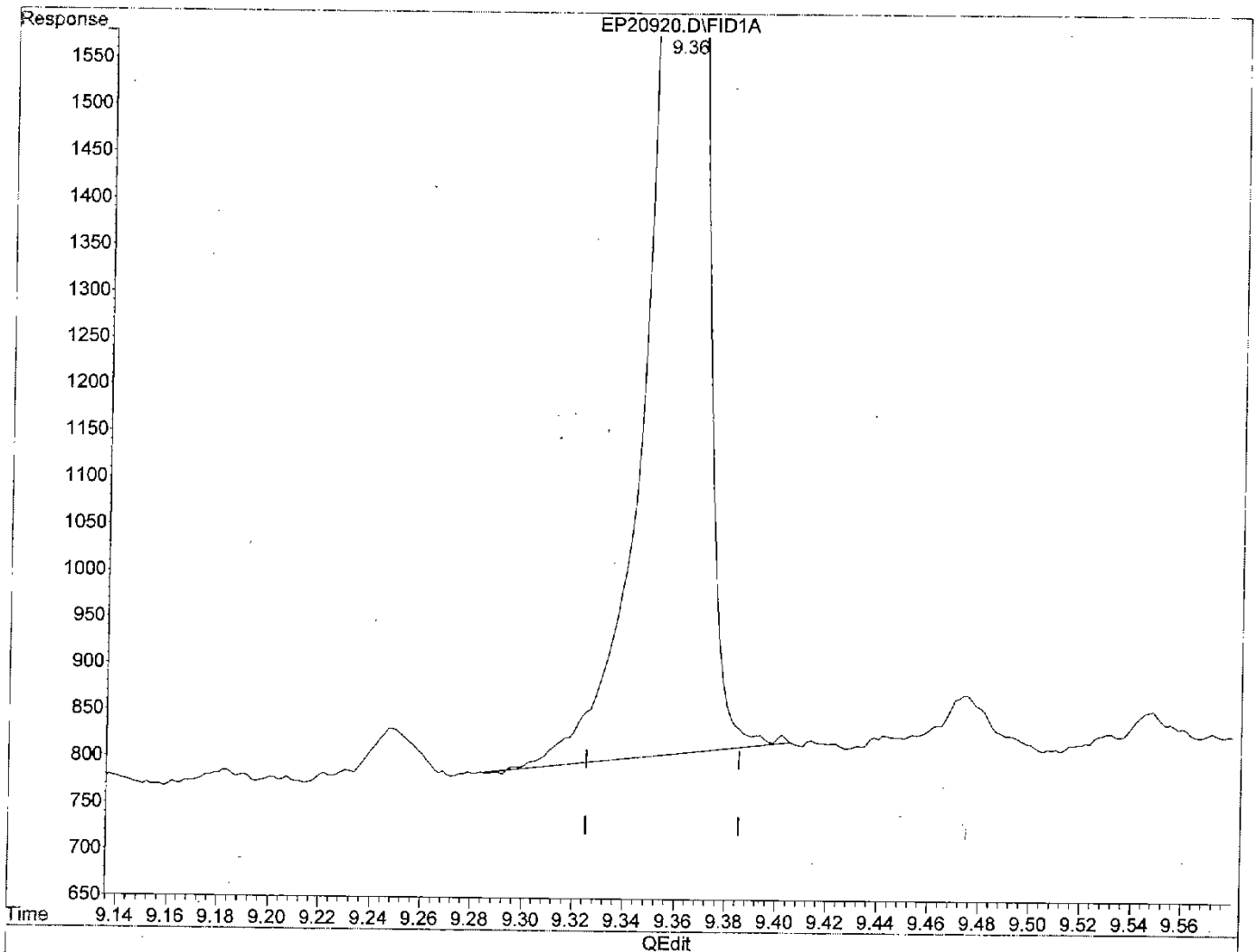
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20920.D
Acq On : 2 Apr 2007 10:47
Sample : IC 106693 20 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:47 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 13:46:34 2007
Response via : Multiple Level Calibration



(2) n-triacontane-d62 (S) (S)

9.36min 0.771ng/ul m

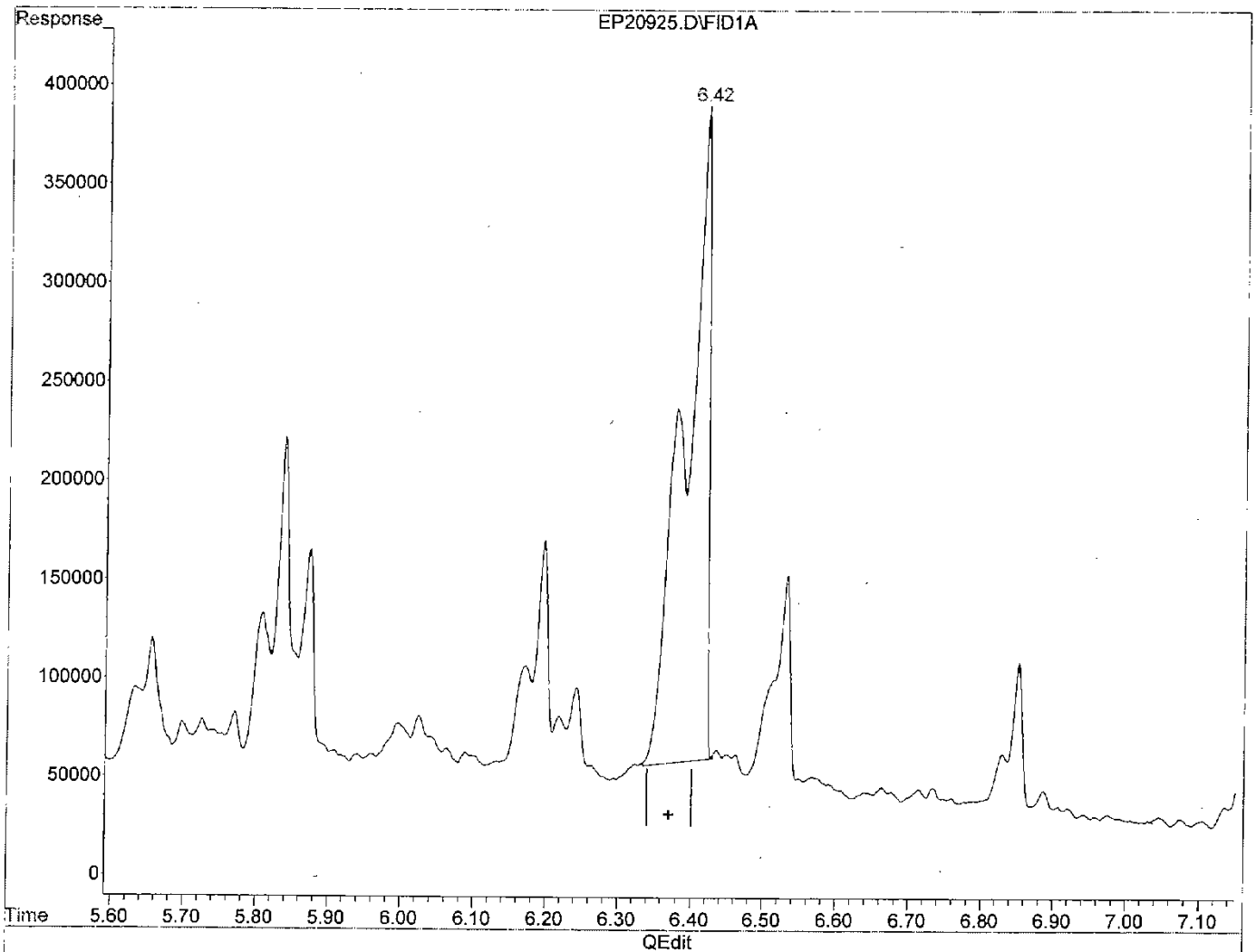
response 23120

(+) = 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

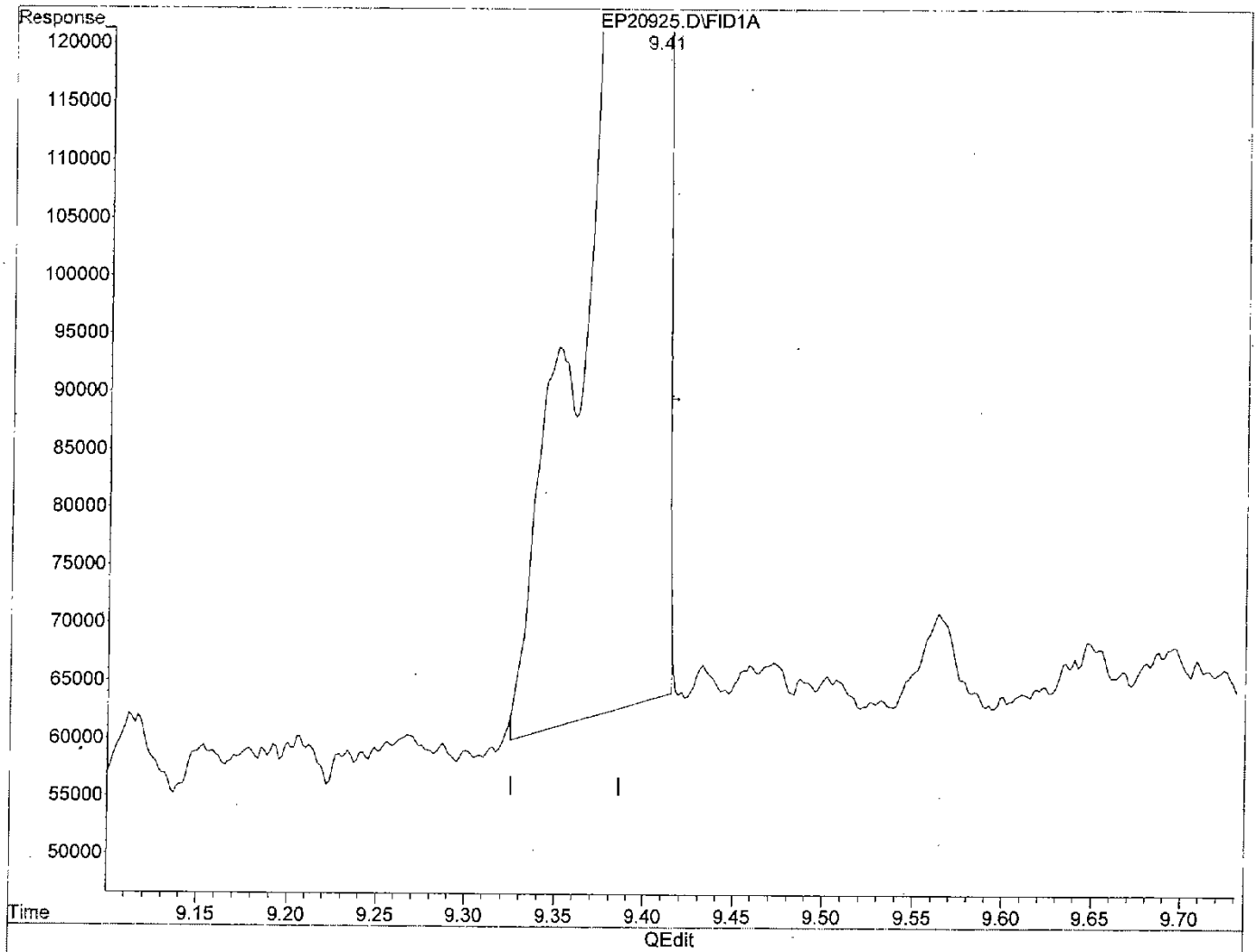
response 7235558

(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20925.D 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



(2) n-triacontane-d62 (S) (S)

9.41min 178.762ng/ul m

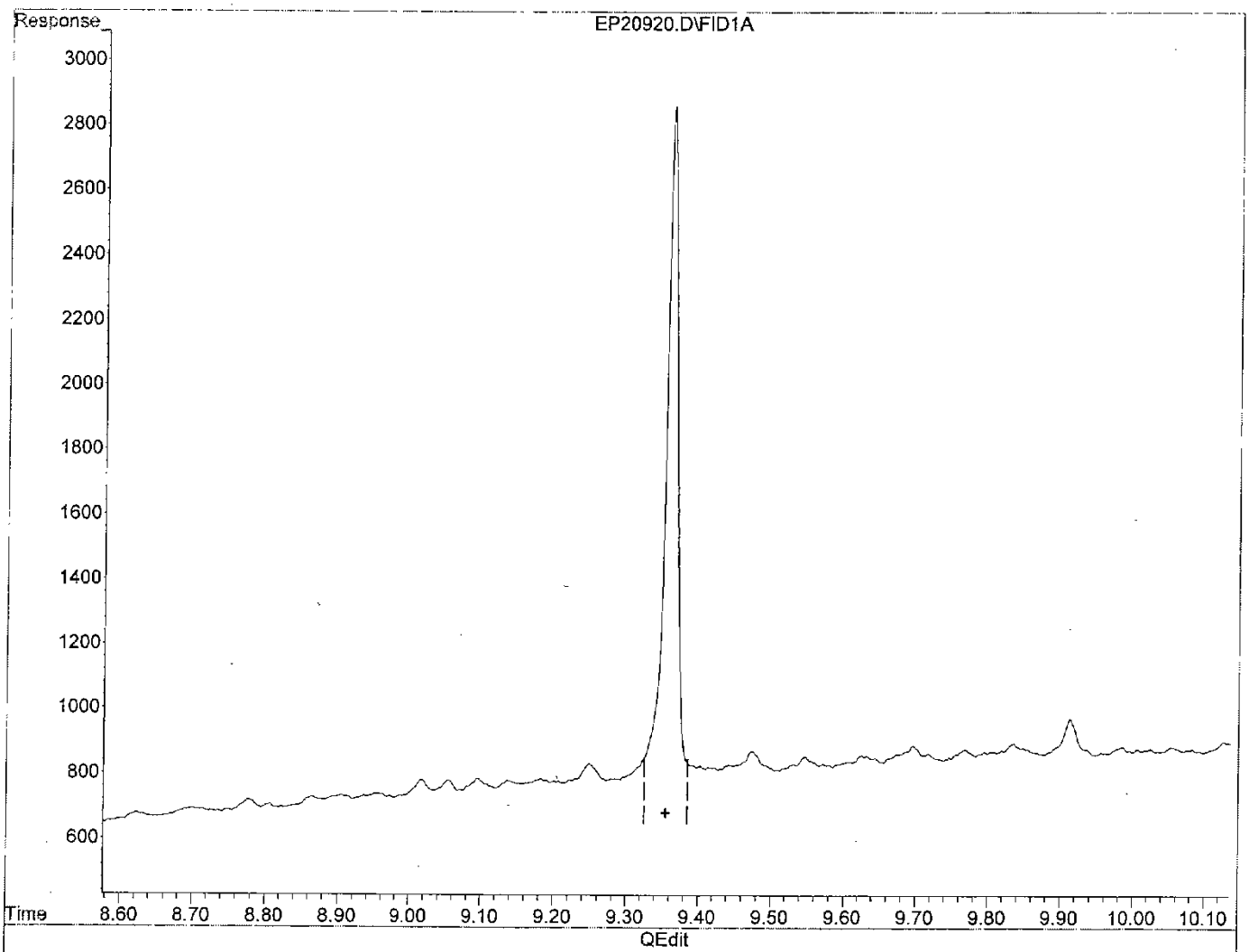
response 5362579

(+) = 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 13:39 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



(2) n-triacontane-d62 (S) (S)

9.36min 0.000ng/ul

response 0

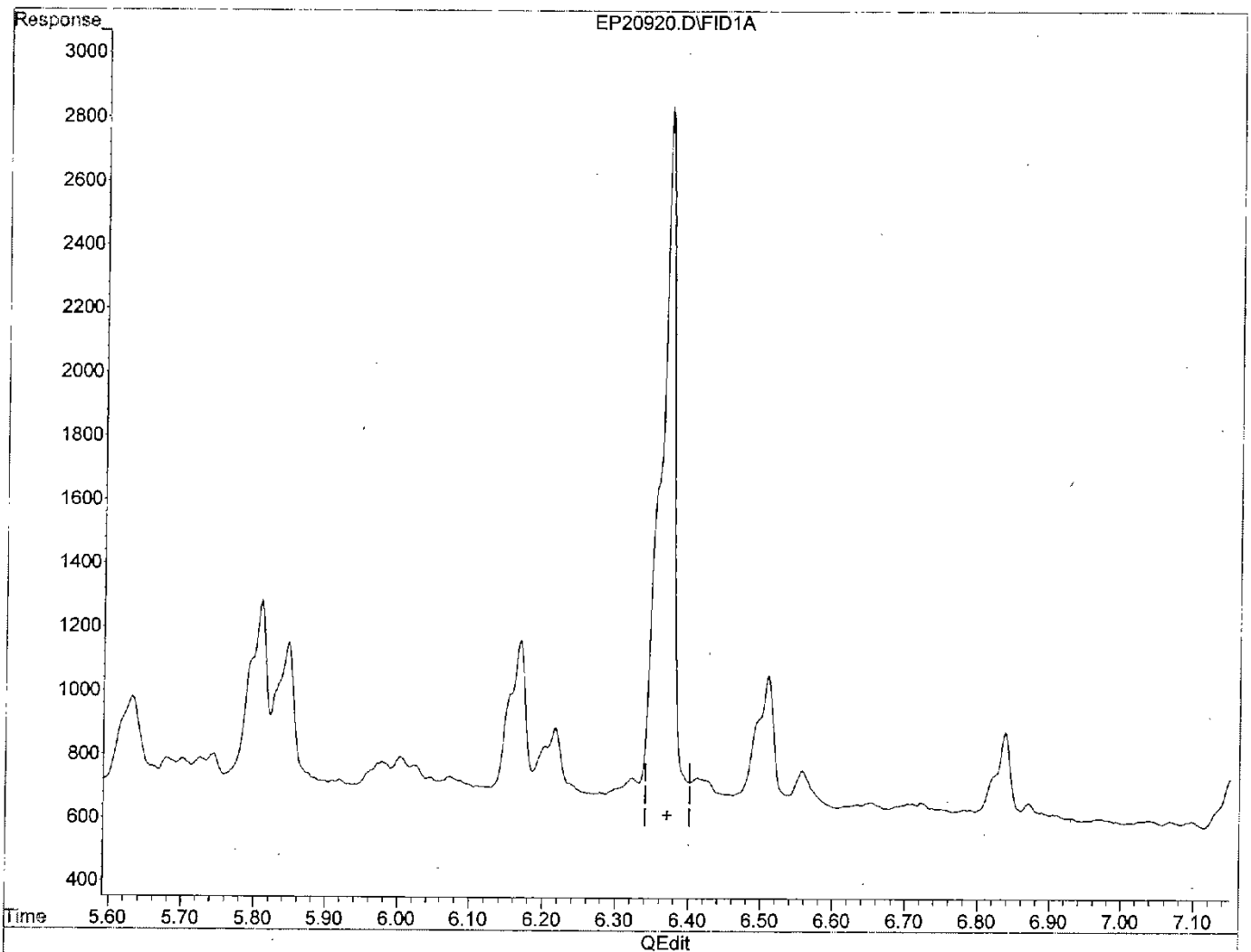
missed peak
AAF
4/2/07

(+) = 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 13:39 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

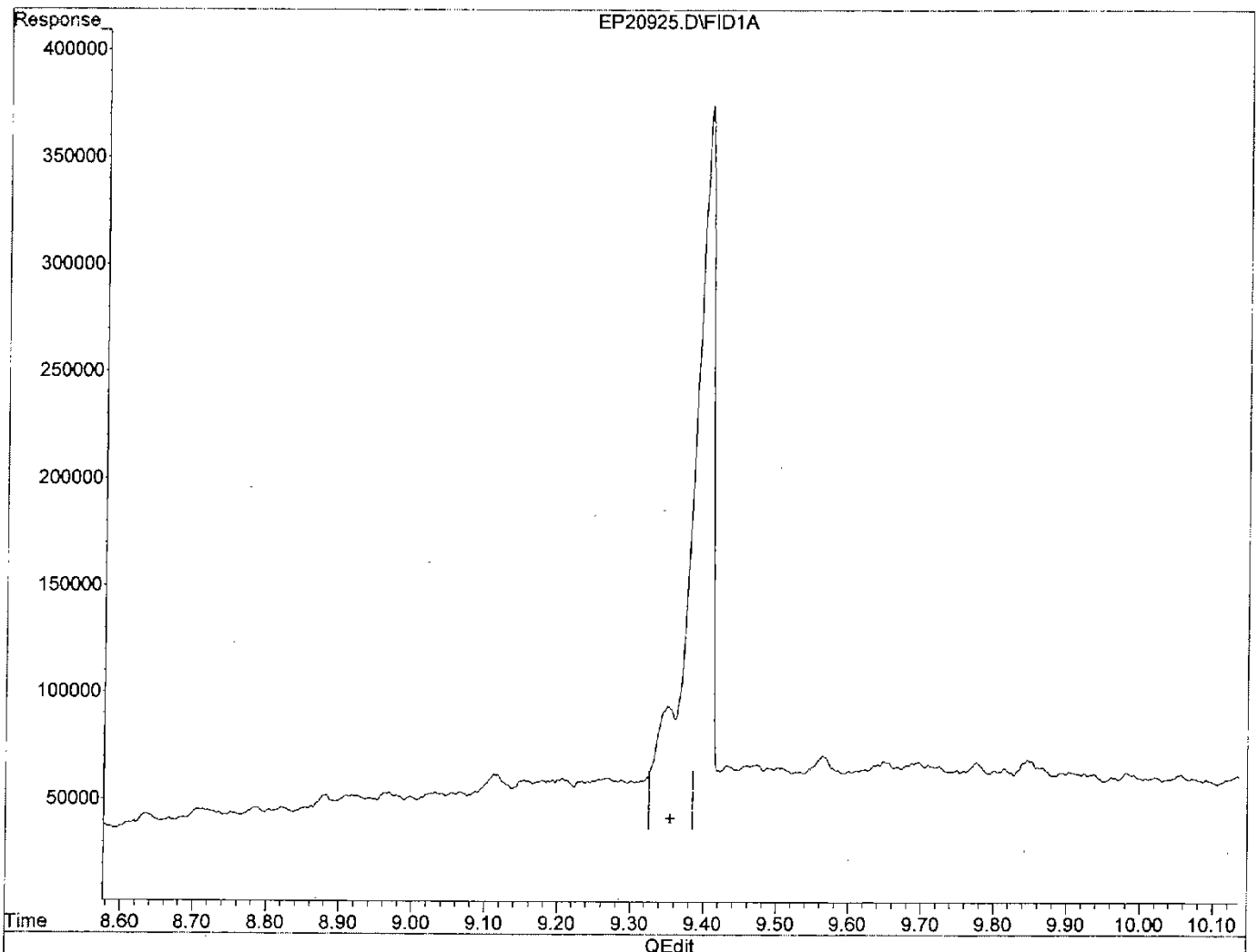
response 0

(+) = 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

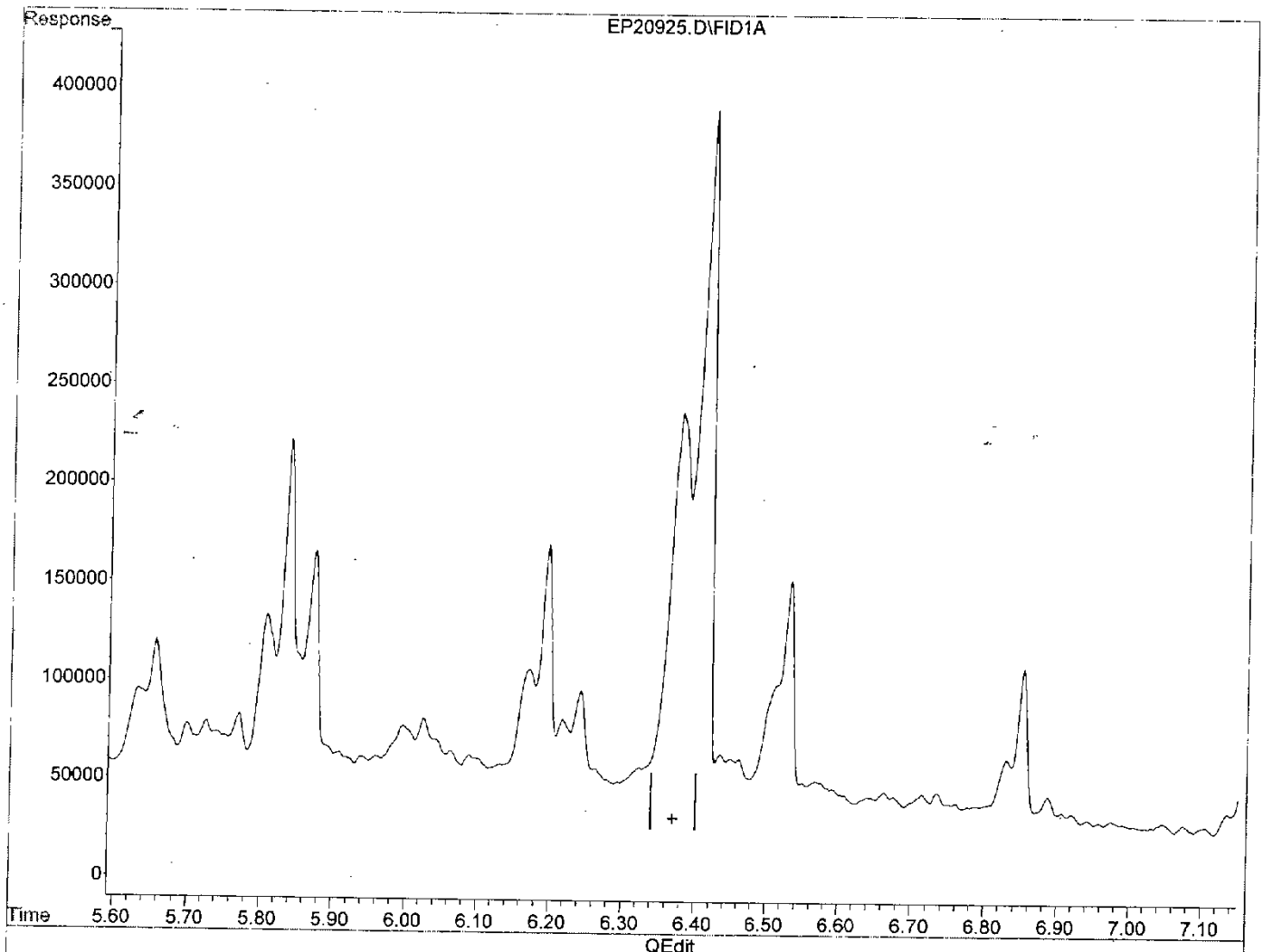
(+) = Expected Retention Time

Quantitation Report (Qedit)

Data File : G:\DATA\040207_A\EP20925.D
Acq On : 2 Apr 2007 13:01
Sample : IC 106661 5000 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 2 13:38 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 13:37:37 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 13:51:46 2007 Page 272 of 671 Page 1

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 Vial: 2
Acq On : 4 Apr 2007 11:23 Operator: RBF
Sample : 1166-88-2 n-alkane rt std Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 4 12:09 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	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

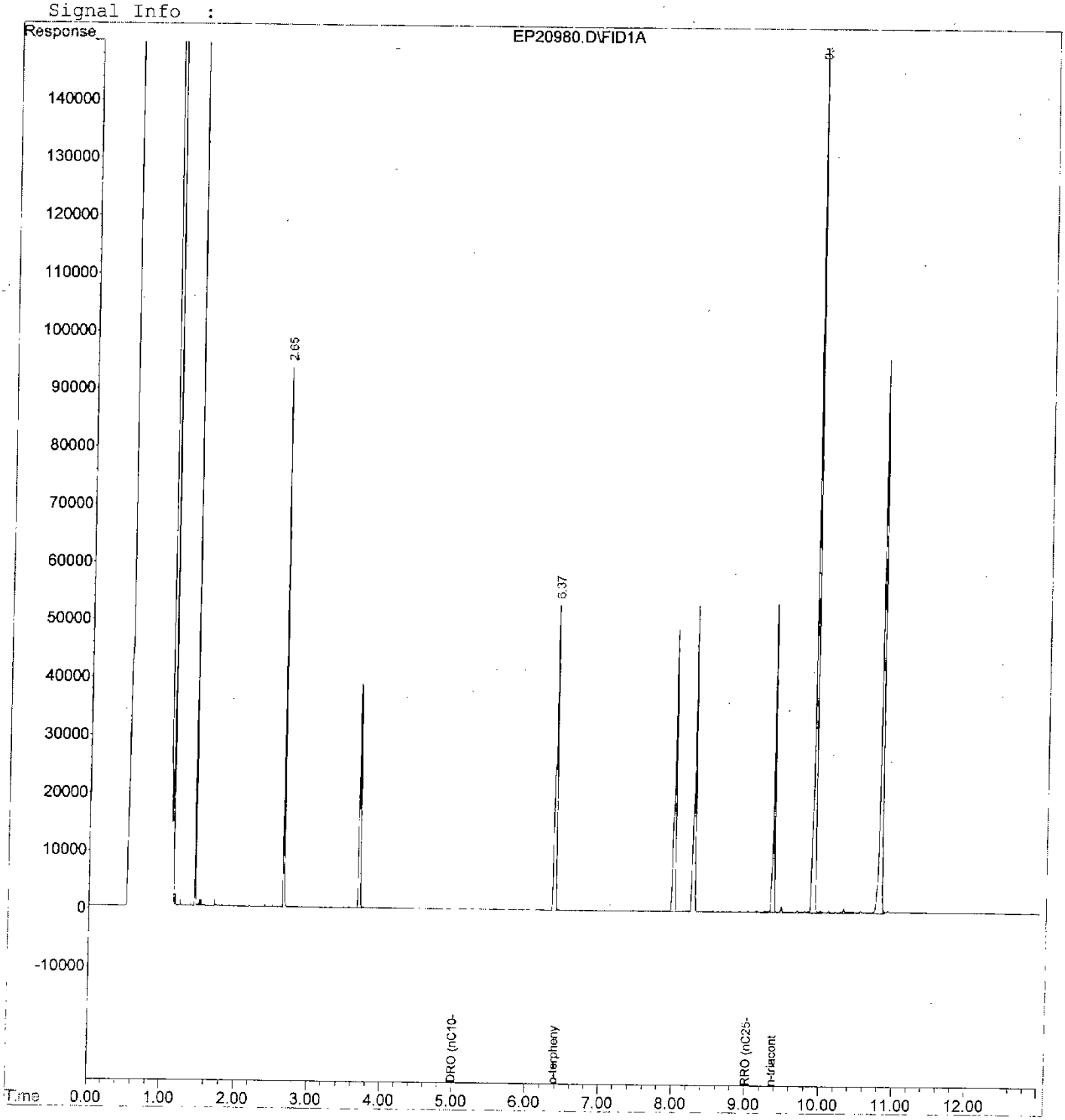
Quantitation Report (Not Reviewed)

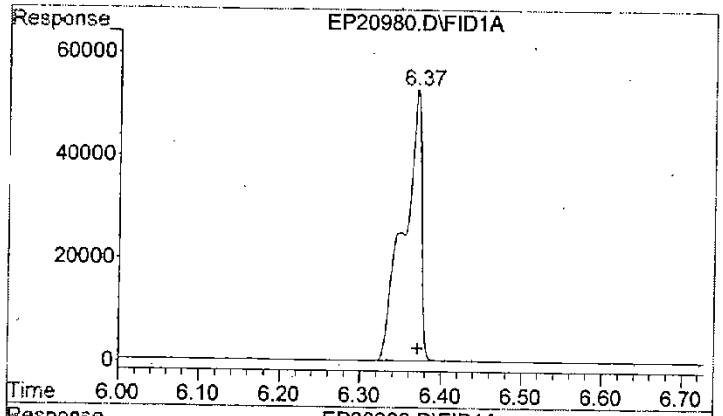
Data File : G:\DATA\040407_A\EP20980.D
Acq On : 4 Apr 2007 11:23
Sample : 1166-88-2 n-alkane rt std
Misc :
IntFile : events.e
Quant Time: Apr 4 12:09 2007 Quant Results File: AKXF0402.RES

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

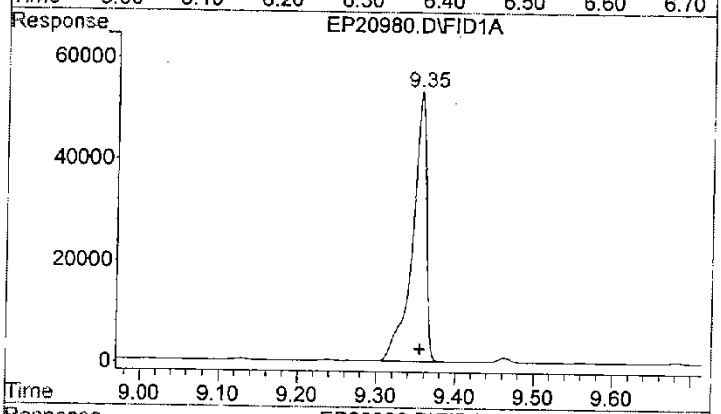
Volume Inj. :
Signal Phase :
Signal Info :





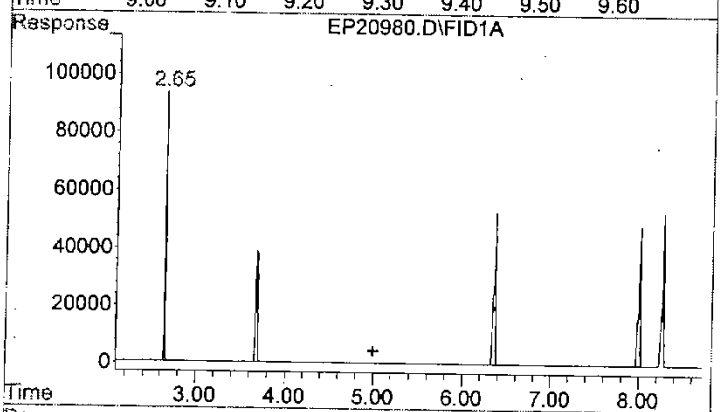
#1 o-terphenyl (S)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 797803
Conc: 22.37 ng/ul



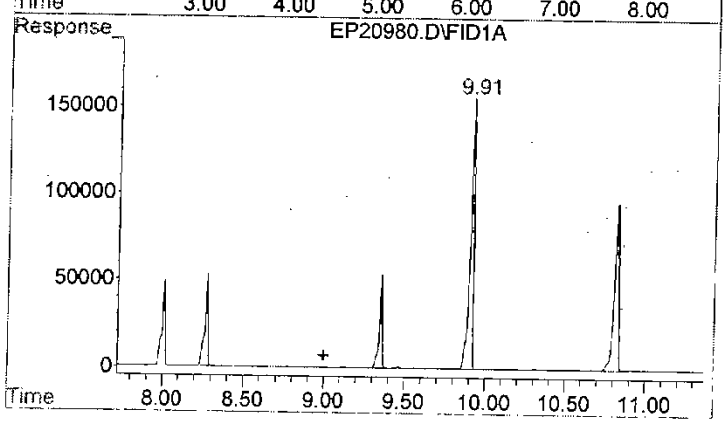
#2 n-triacontane-d62 (S)

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 Vial: 3
Acq On : 4 Apr 2007 11:45 Operator: RBF
Sample : ccv 107651 500 ak102103 Inst : SEA016
Misc : Multiplr: 1.00
IntFile : events.e
Quant Time: Apr 4 12:09 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	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

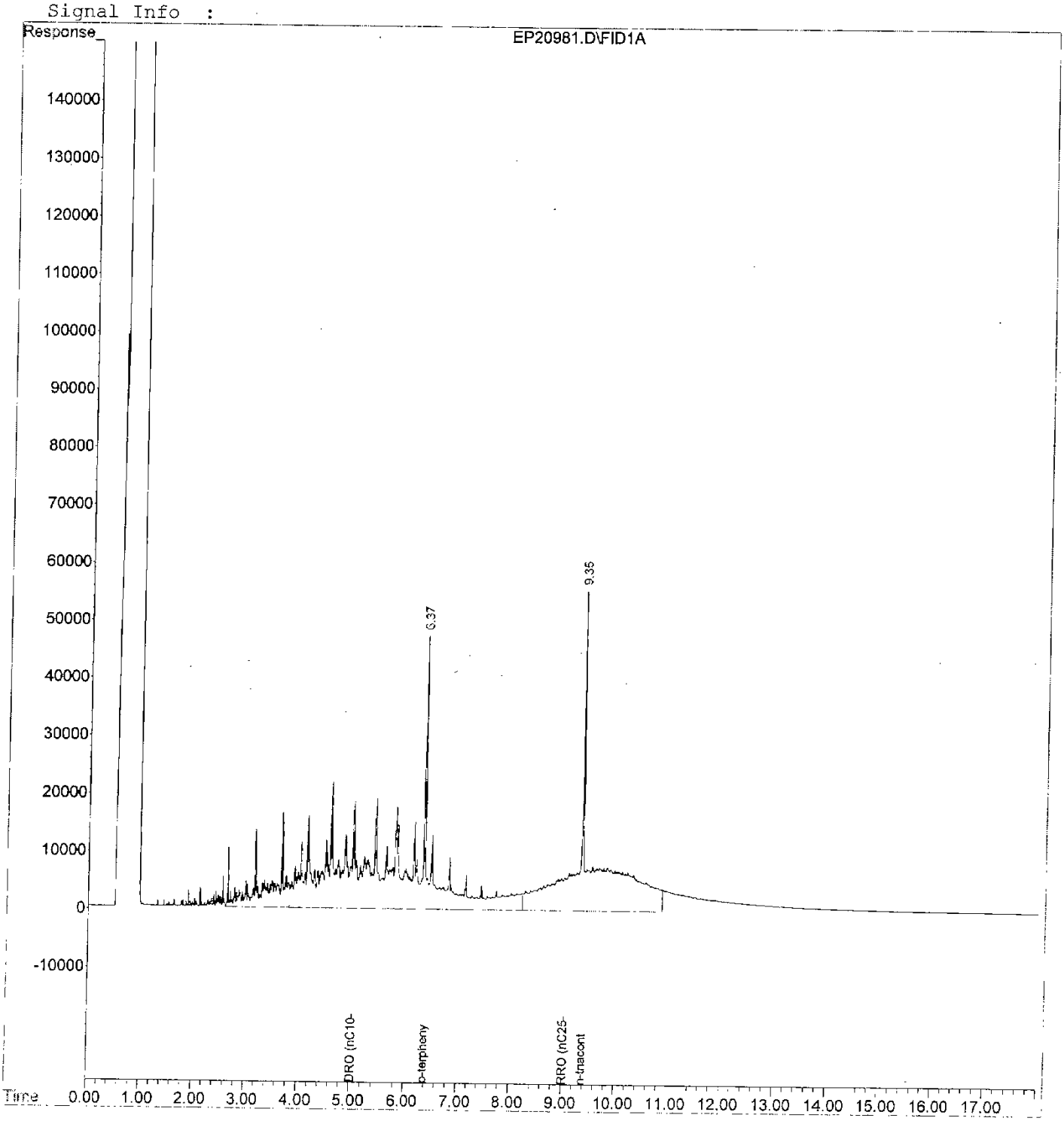
Quantitation Report (Not Reviewed)

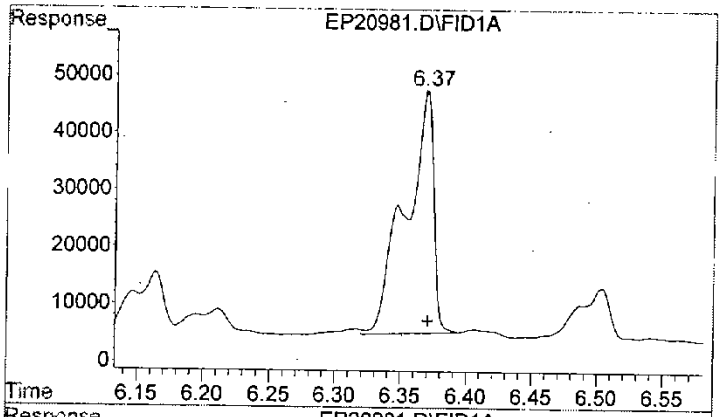
Data File : G:\DATA\040407_A\EP20981.D
Acq On : 4 Apr 2007 11:45
Sample : ccv 107651 500 ak102103
Misc :
IntFile : events.e
Quant Time: Apr 4 12:09 2007 Quant Results File: AKXF0402.RES

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 : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

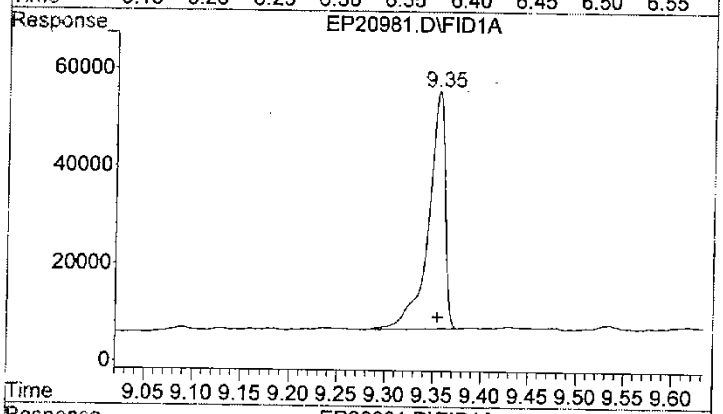
Volume Inj. :
Signal Phase :
Signal Info :





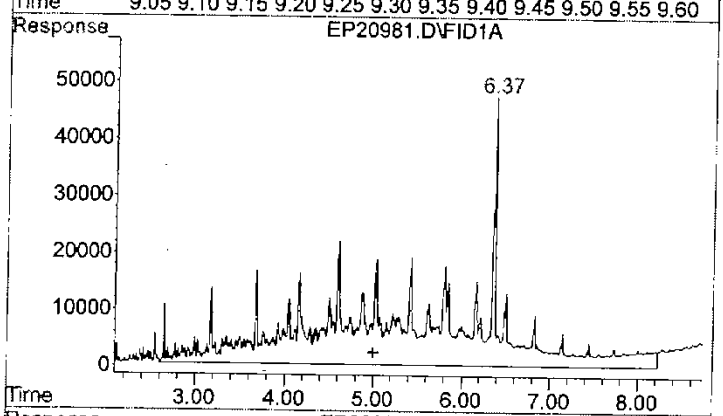
#1 o-terphenyl (S)

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 621347
Conc: 17.42 ng/ul



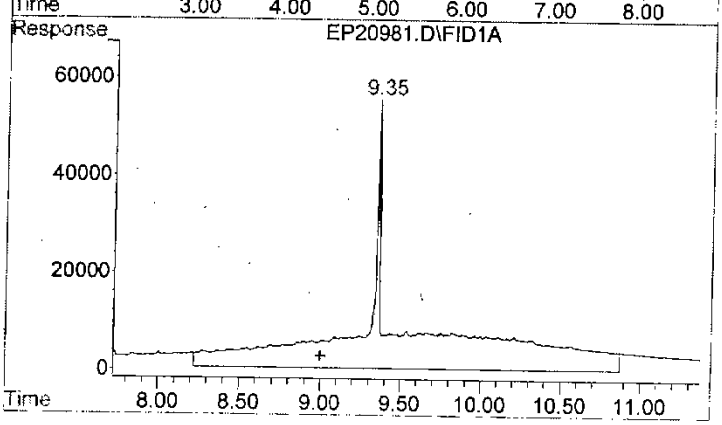
#2 n-triacontane-d62 (S)

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

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

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

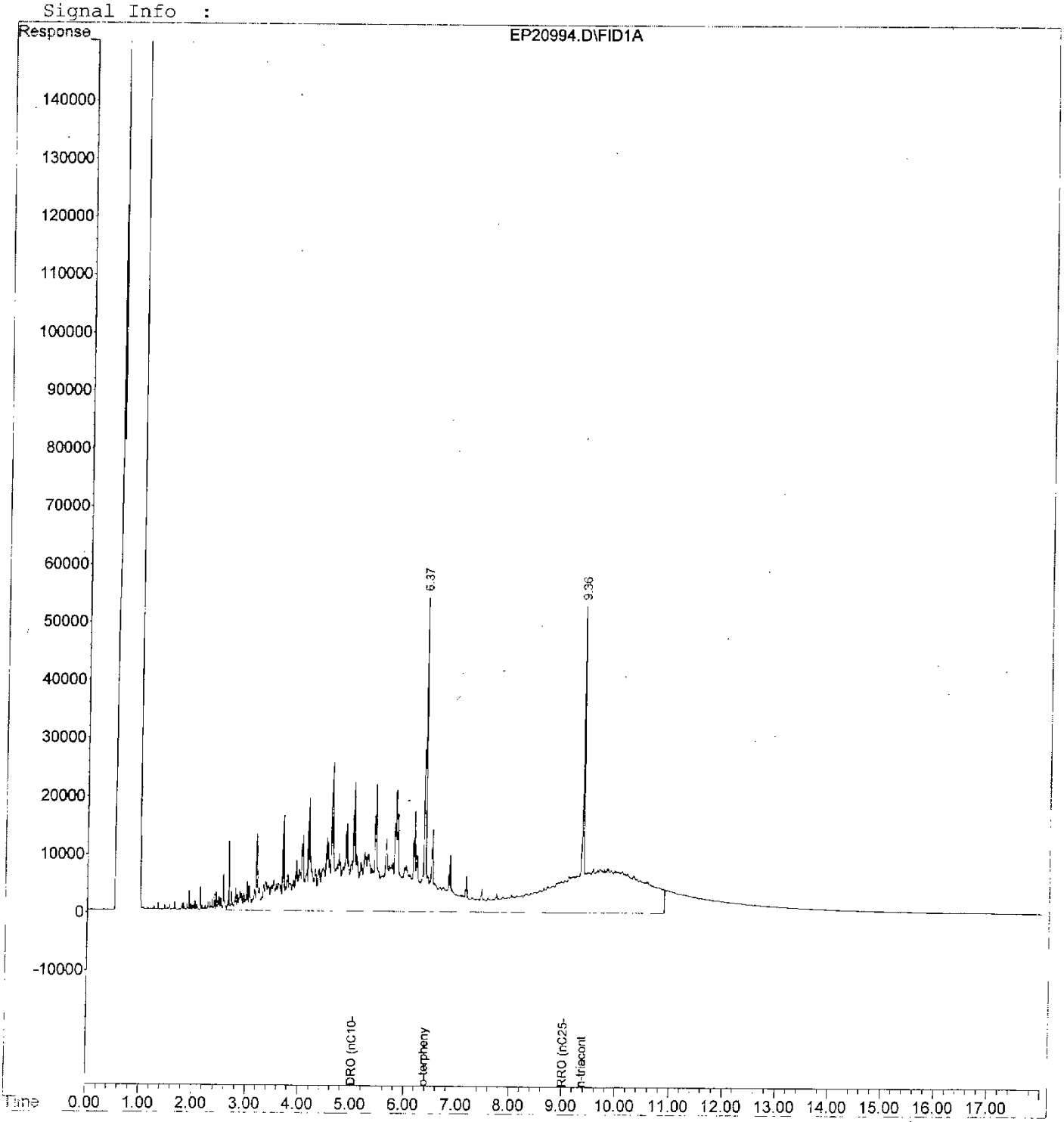
(f)=RT Delta > 1/2 Window (m)=manual int.

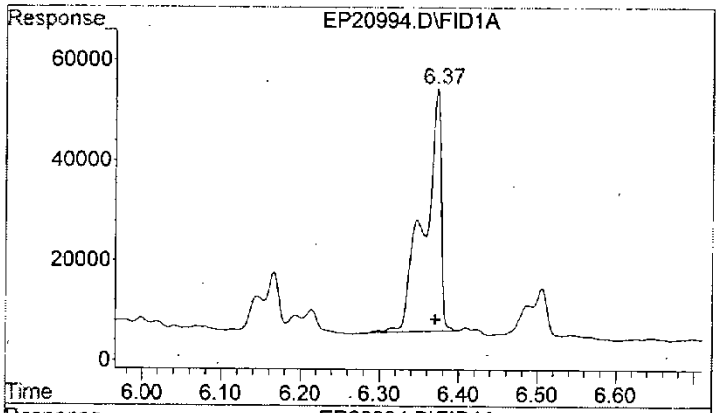
Quantitation Report (Not Reviewed)

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

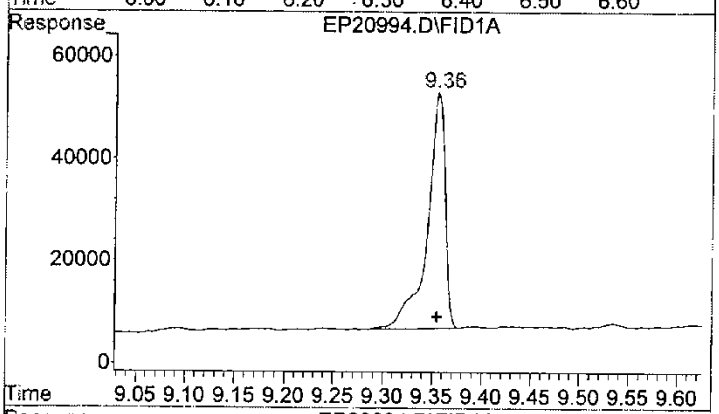
Volume Inj. :
Signal Phase :
Signal Info :





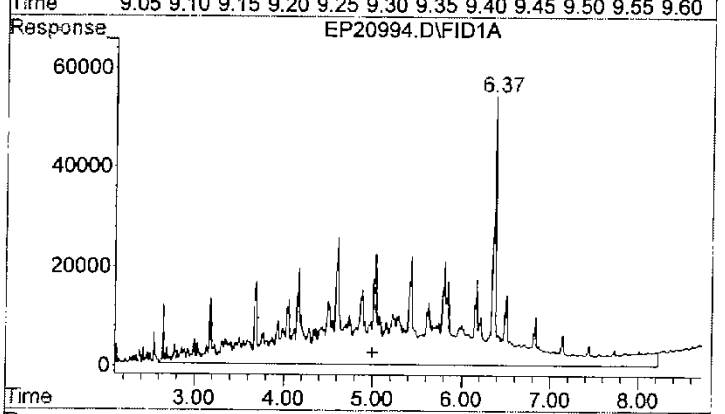
#1 o-terphenyl (S)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 717918
Conc: 20.13 ng/ul



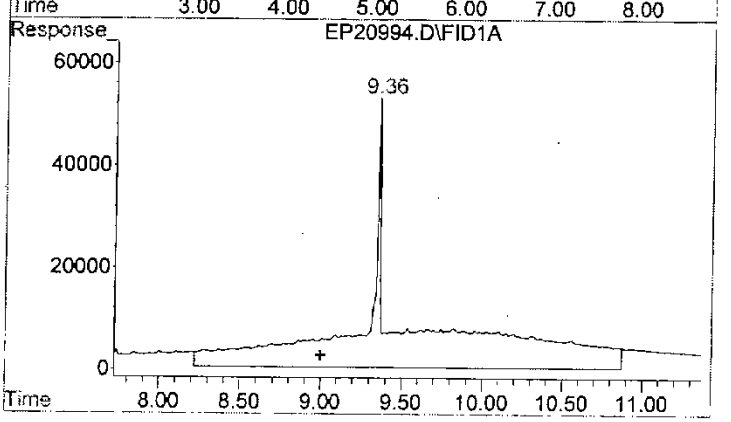
#2 n-triacontane-d62 (S)

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

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			

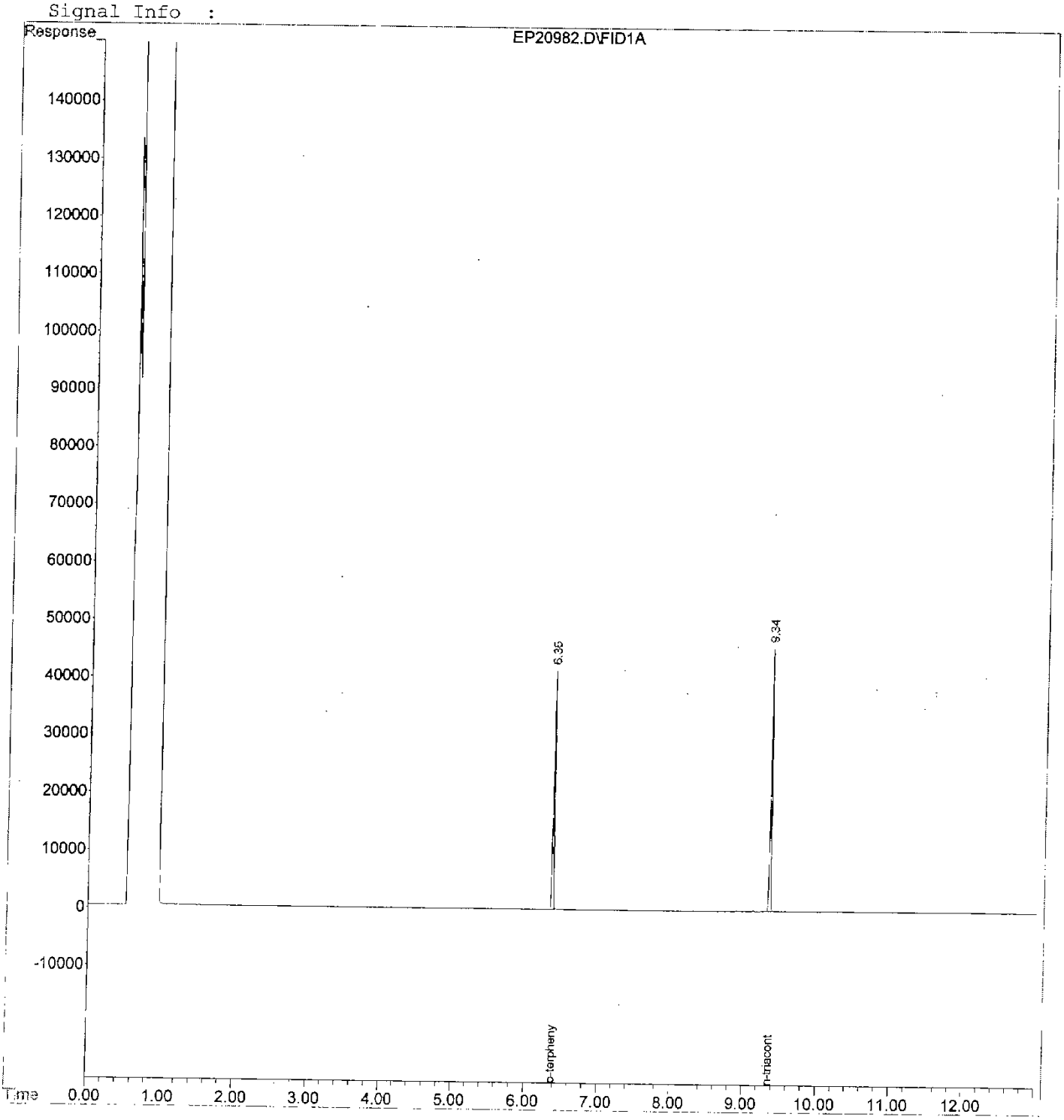
(f)=RT Delta > 1/2 Window (m)=manual int.

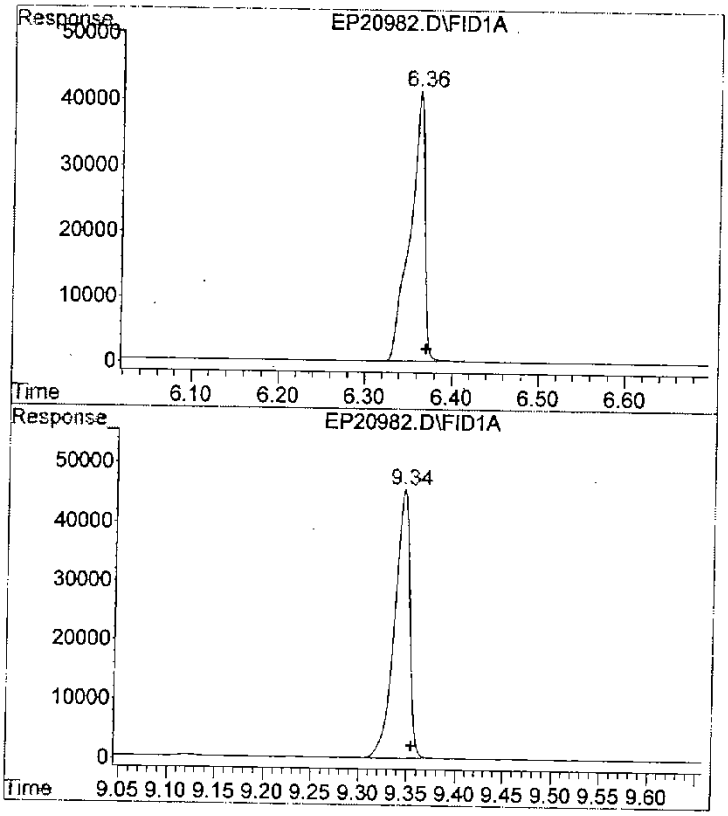
Data File : G:\DATA\040407_A\EP20982.D
Acq On : 4 Apr 2007 12:12
Sample : MB 580-17271/1-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

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 :





#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.

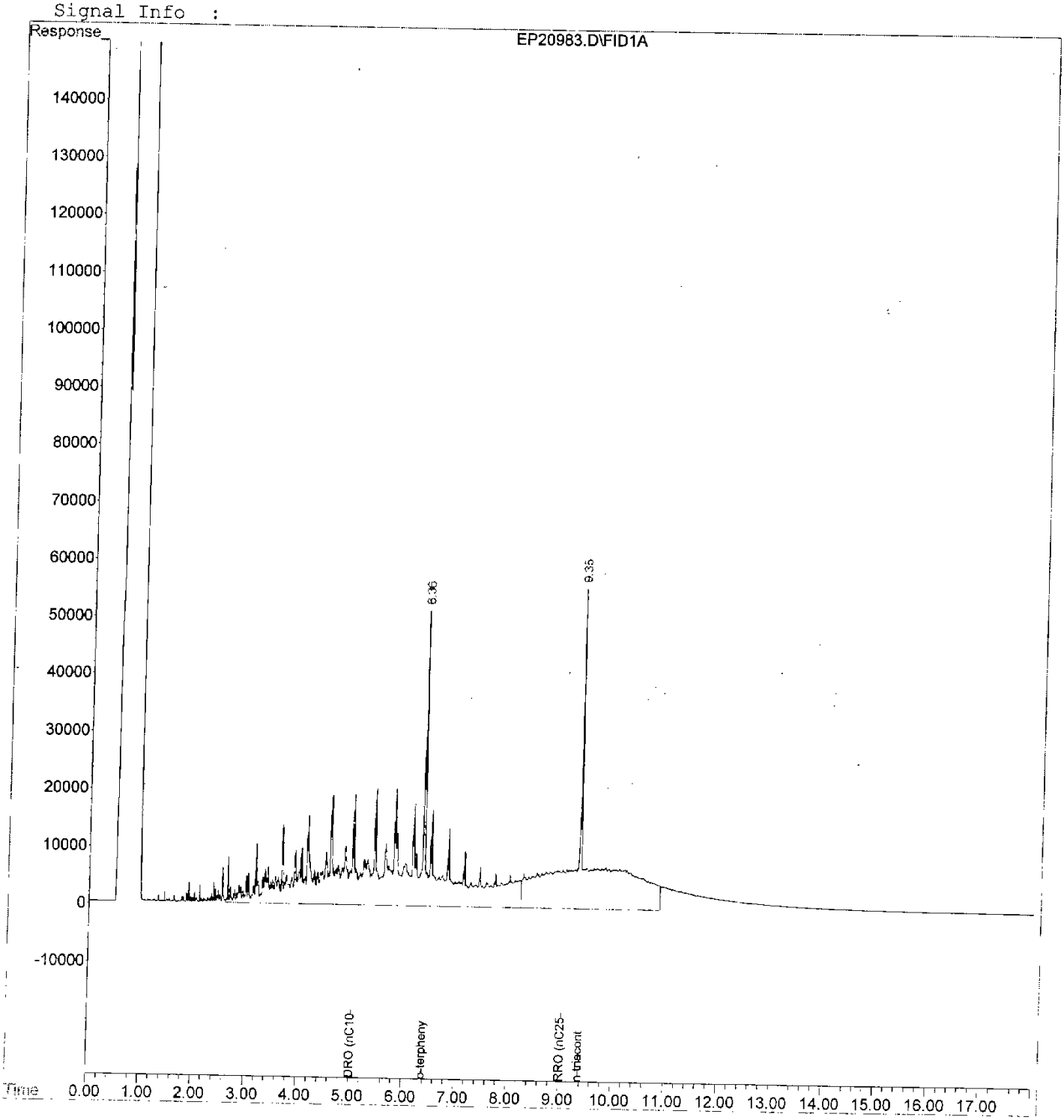
Quantitation Report (Not Reviewed)

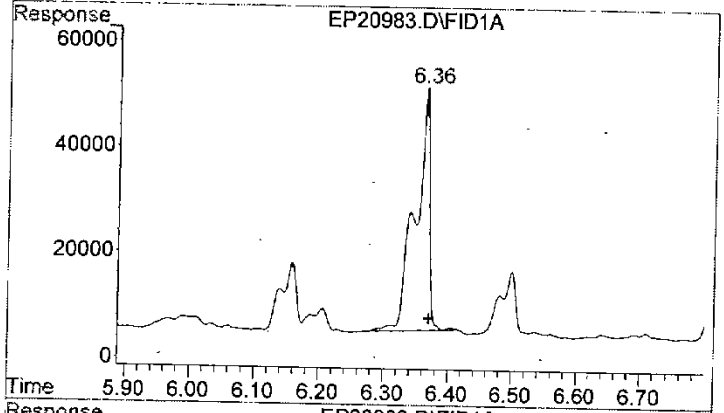
Data File : G:\DATA\040407_A\EP20983.D
Acq On : 4 Apr 2007 12:34
Sample : LCS 580-17271/2-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

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

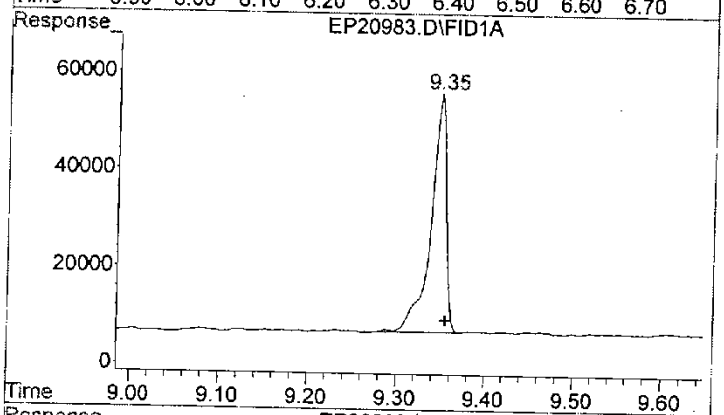
Volume Inj. :
Signal Phase :
Signal Info :





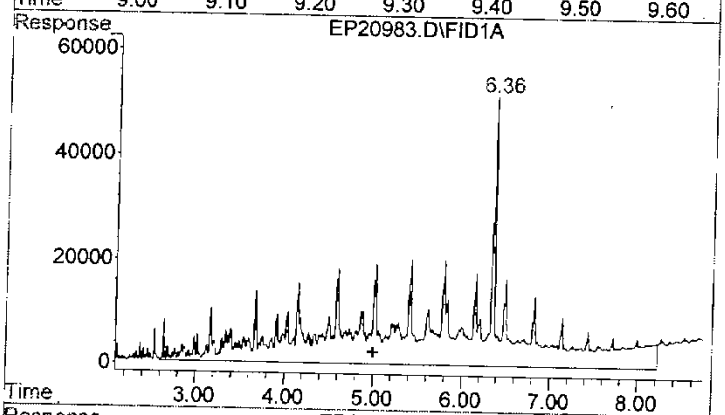
#1 o-terphenyl (S)

R.T.: 6.363 min
Delta R.T.: -0.007 min
Response: 704639
Conc: 19.75 ng/ul



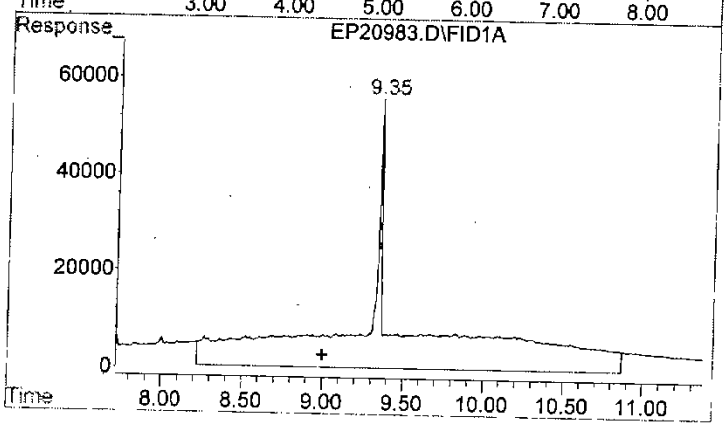
#2 n-triacontane-d62 (S)

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

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

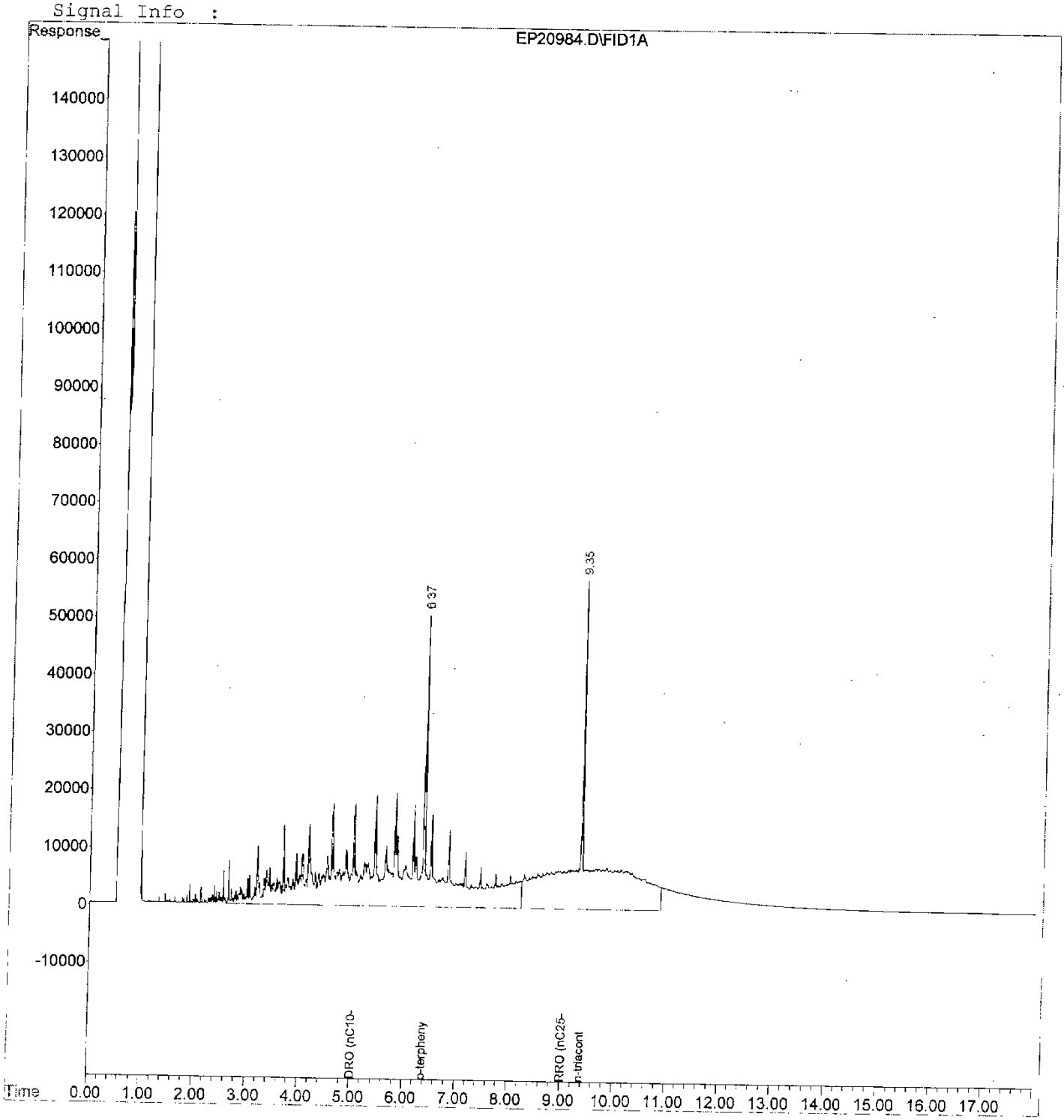
(f)=RT Delta > 1/2 Window (m)=manual int.

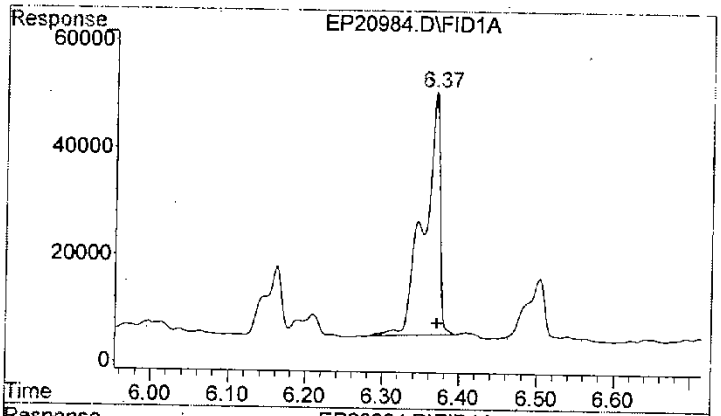
Data File : G:\DATA\040407_A\EP20984.D
Acq On : 4 Apr 2007 13:00
Sample : LCSD 580-17271/3-AA
Misc :
IntFile : events.e
Quant Time: Apr 5 7:23 2007 Quant Results File: AKXF0402.RES

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 : Multiple Level Calibration
DataAcq Meth : EXTFACQ.M

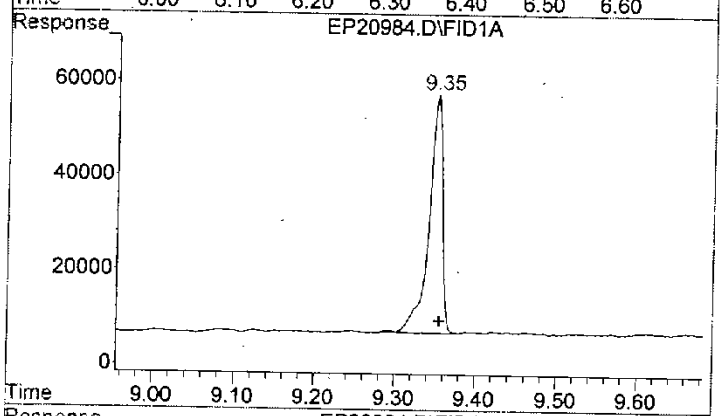
Volume Inj. :
Signal Phase :
Signal Info :





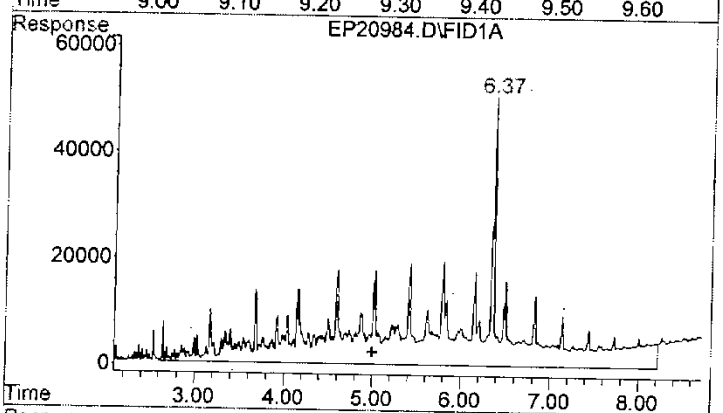
#1 o-terphenyl (S)

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 658773
Conc: 18.47 ng/ul



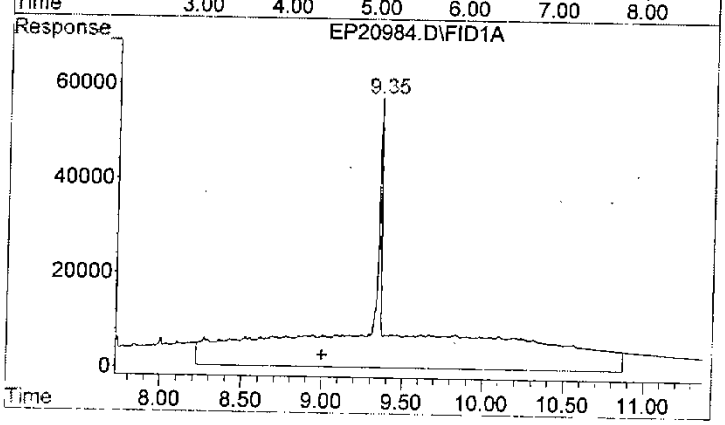
#2 n-triacontane-d62 (S)

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 (a)=manual int.

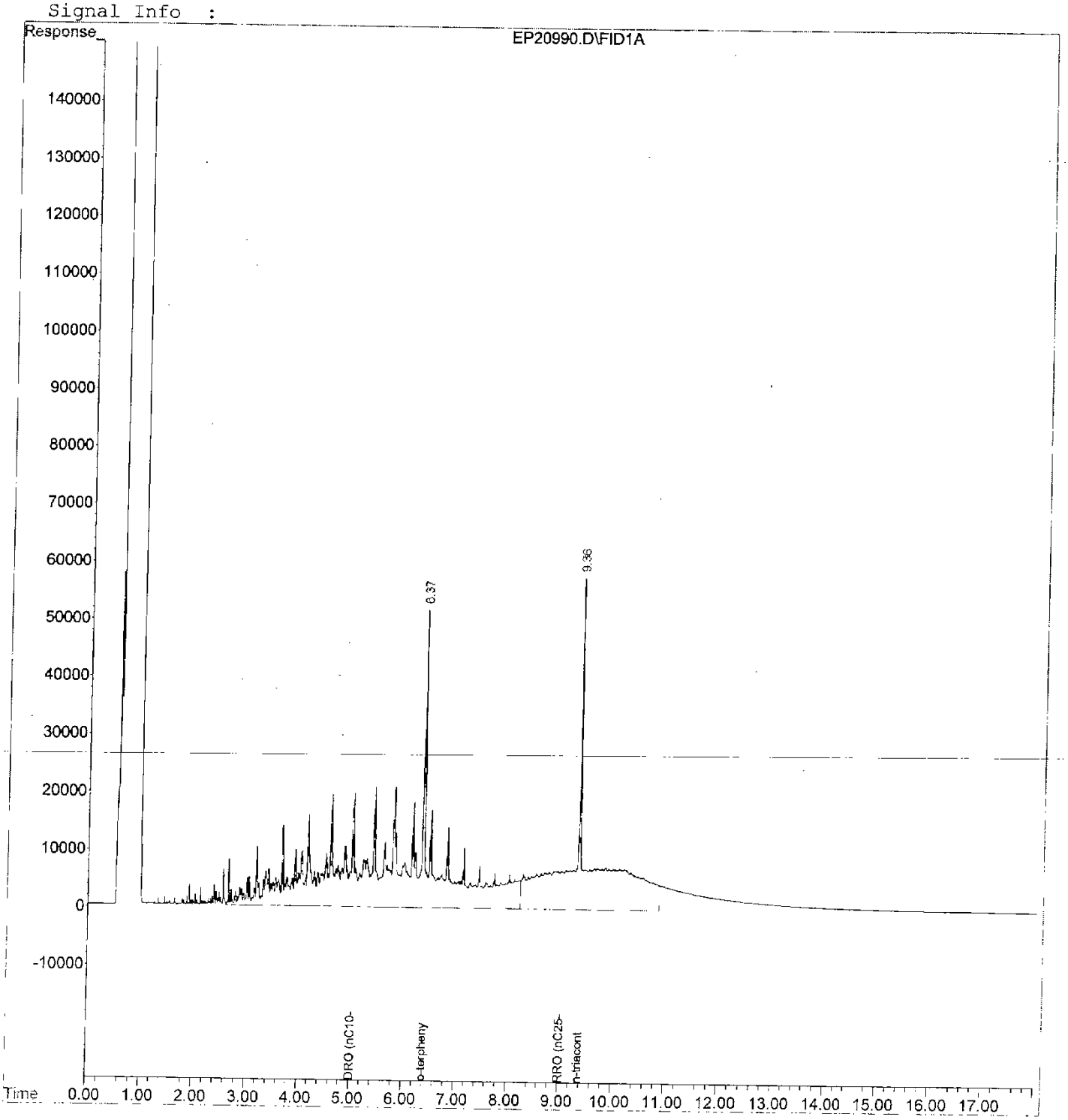
Quantitation Report (Not Reviewed)

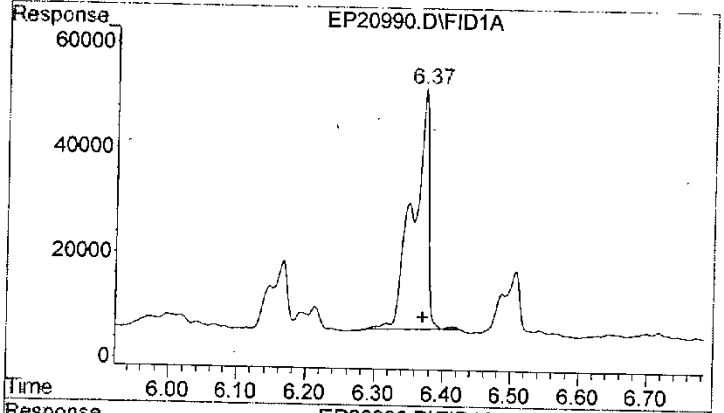
Data File : G:\DATA\040407_A\EP20990.D
Acq On : 4 Apr 2007 15:41
Sample : 580-5404-A-14-F MS
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

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

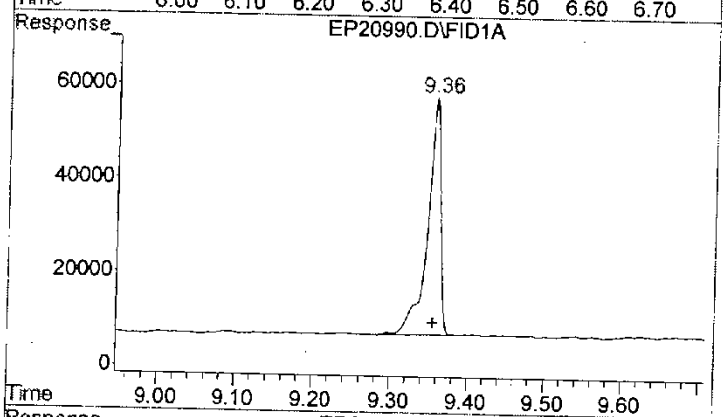
Volume Inj. :
Signal Phase :
Signal Info :





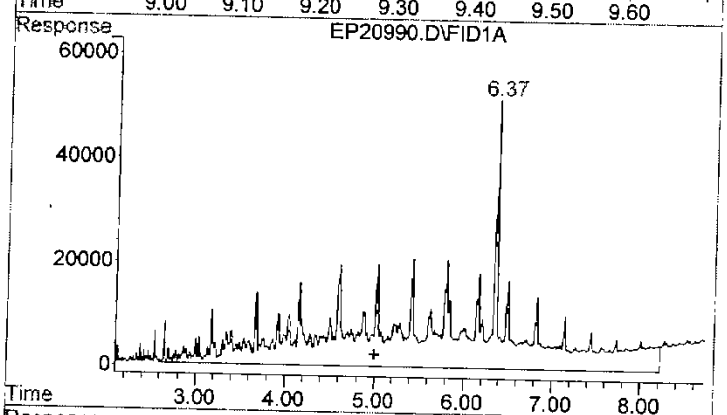
#1 o-terphenyl (S)

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 735251
Conc: 20.61 ng/ul



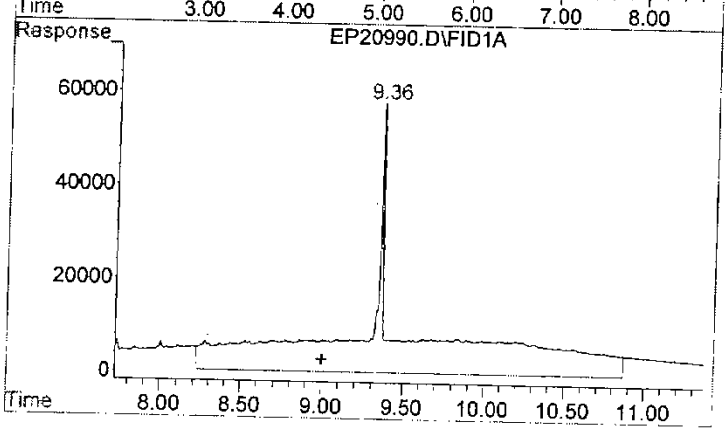
#2 n-triacontane-d62 (S)

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

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
Vial: 13
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	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

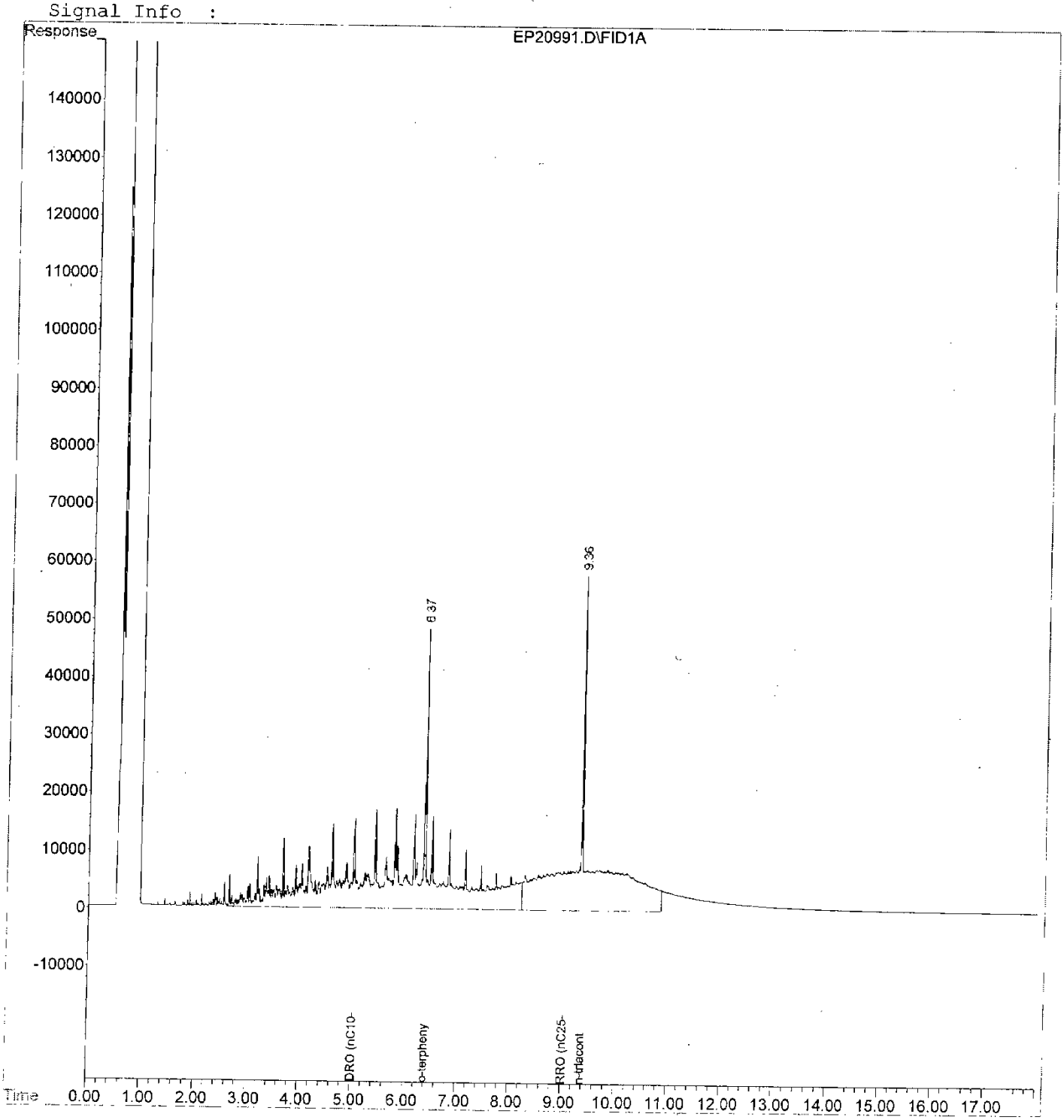
(f)=RT Delta > 1/2 Window (a)=manual int.

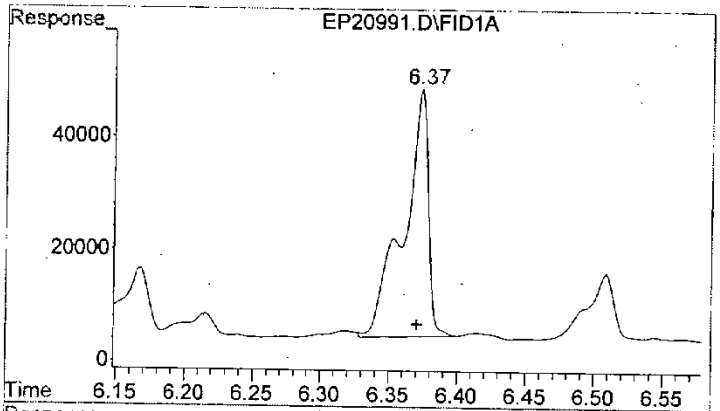
Data File : G:\DATA\040407_A\EP20991.D
Acq On : 4 Apr 2007 16:08
Sample : 580-5404-A-14-G MSD
Misc :
IntFile : events.e
Quant Time: Apr 5 7:24 2007 Quant Results File: AKXF0402.RES

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

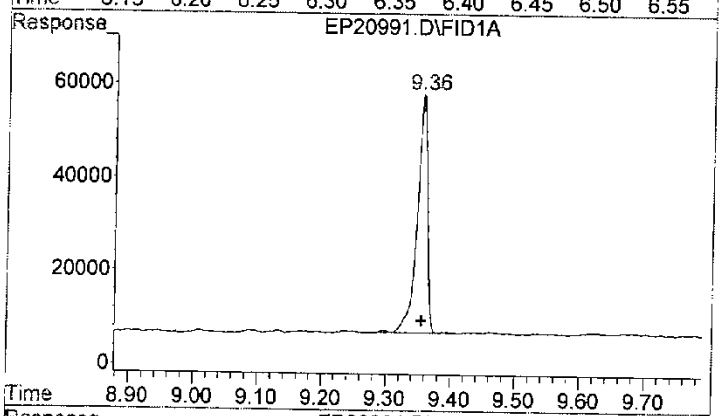
Volume Inj. :
Signal Phase :
Signal Info :





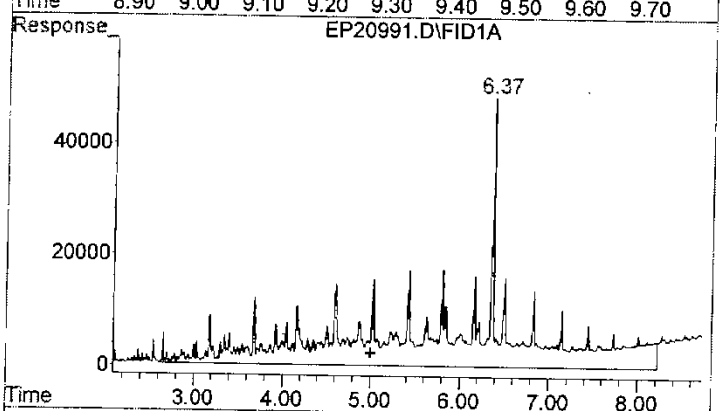
#1 o-terphenyl (S)

R.T.: 6.372 min
Delta R.T.: 0.001 min
Response: 551620
Conc: 15.46 ng/ul



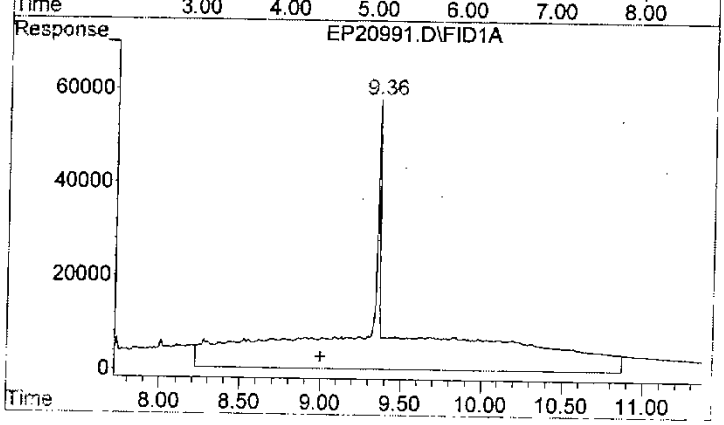
#2 n-triacontane-d62 (S)

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

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	Div 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		
2	LCS~580-17271/2 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
3	LCSD~580-17271/3 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
4	580-5372-A-3 (AK102_103)	N/A	10.6120 g	10 mL	4/10/07	13_Days - R	4		
5	580-5385-B-11 (AK102_103)	N/A	10.3980 g	10 mL	4/11/07	13_Days - R	4		
6	580-5385-B-12 (AK102_103)	N/A	10.9096 g	10 mL	4/11/07	13_Days - R	4		
7	580-5404-A-13 (AK102_103)	N/A	10.5752 g	10 mL	4/12/07	13_Days - R	4		
8	580-5404-A-14 (AK102_103)	N/A	10.7476 g	10 mL	4/12/07	13_Days - R	4		
9	580-5404-A-14~MS (AK102_103)	N/A	10.9170 g	10 mL	4/12/07	13_Days - R	4		
10	580-5404-A-14~MSD (AK102_103)	N/A	10.8282 g	10 mL	4/12/07	13_Days - R	4		
11	580-5407-A-5 (AK102_103)	N/A	10.4936 g	10 mL	4/12/07	13_Days - R	4		
12	580-5407-A-6 (AK102_103)	N/A	10.0452 g	10 mL	4/12/07	13_Days - R	4		

Printed : 4/4/2007

STL Seattle

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17271

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 8:00:09AM

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	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

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 8:00:09AM

Method Code: 580-3550B_LL-580

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

SEMIVOLATILE DATA PACKAGE

SAMPLE DATA

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008793.D Vial: 23
Sample : 580-5407-A-5-C
Misc : BT$S40040407A
Acq On : 5 Apr 2007 2:03 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

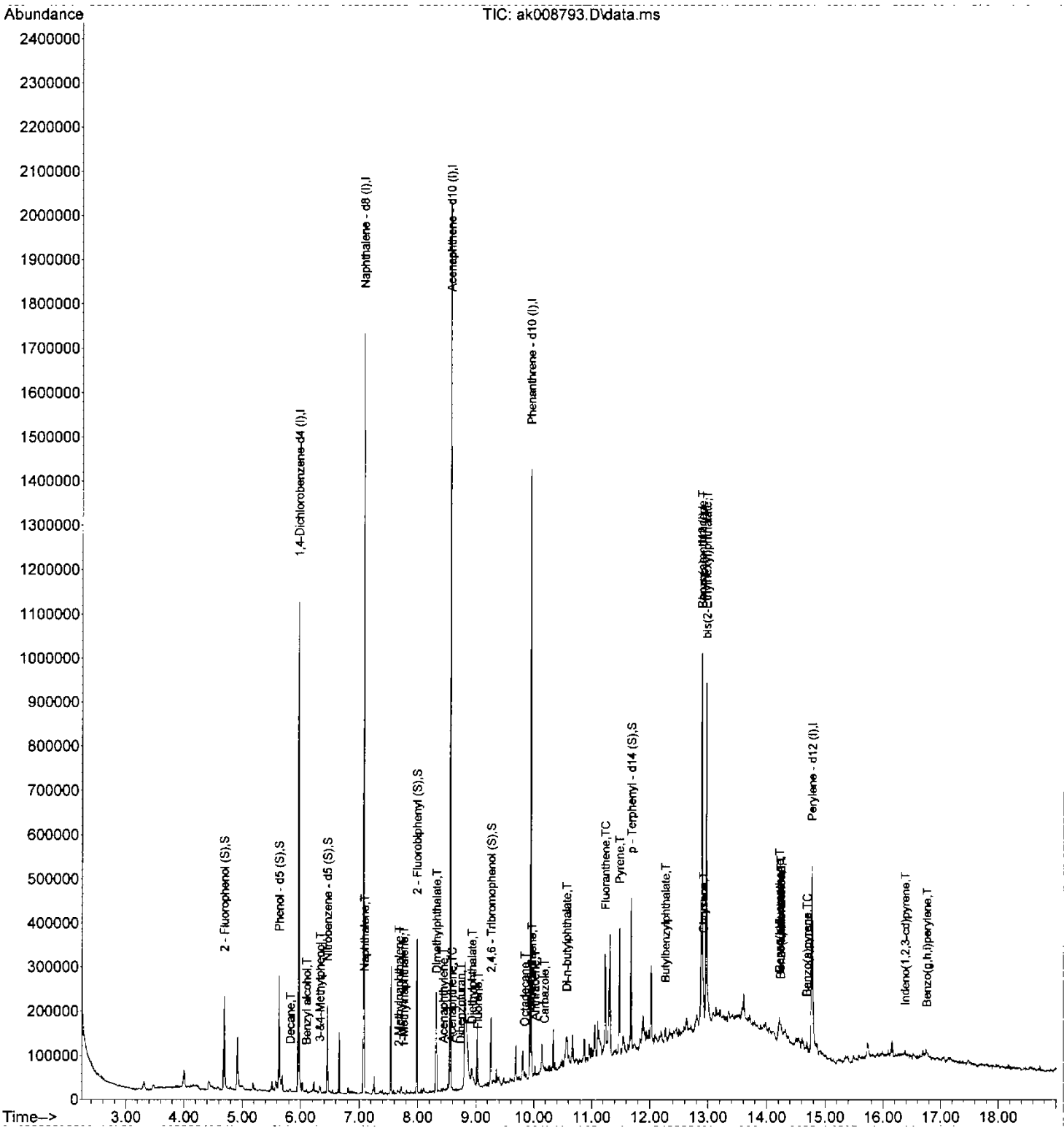
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	191903	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	737059	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	376545	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.944	188	578244	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	351101	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	252732	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	85899	351.65	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	105378	357.71	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.457	82	63827	276.93	ug/L	0.00
42) 2 - Fluorobiphenyl (S)	7.986	172	99063	175.84	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	22453	294.60	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.682	244	114484	309.66	ug/L	-0.01
Target Compounds						Qvalue
11) Decane	5.826	57	1587	6.06	ug/L	84
14) Benzyl alcohol	6.104	79	1586	13.15	ug/L	83
18) 3-&4-Methylphenol	6.323	108	1936	20.99	ug/L	81
31) Naphthalene	7.093	128	3410	4.07	ug/L	89
35) 2-Methylnaphthalene	7.682	141	1207	2.87	ug/L	78
36) 1-Methylnaphthalene	7.762	141	802	1.78	ug/l	87
46) Dimethylphthalate	8.323	163	62655	125.29	ug/L	100
47) Acenaphthylene	8.441	152	3737	4.97	ug/L	96
50) Acenaphthene	8.586	153	802	1.62	ug/L	87
53) Dibenzofuran	8.735	168	1551	2.36	ug/L	91
57) Diethylphthalate	8.939	149	13056	18.04	ug/L	85
58) Fluorene	9.040	166	1881	3.82	ug/L	86
69) Phenanthrene	9.965	178	19248	29.07	ug/L	90
70) Anthracene	10.019	178	8040	13.60	ug/L	98
71) Octadecane	9.837	57	2098	8.50	ug/L	89
72) Carbazole	10.185	167	2230	4.98	ug/L	74
73) Di-n-butylphthalate	10.565	149	32386	39.22	ug/L	98
74) Fluoranthene	11.238	202	89704	154.71	ug/L	99
75) Pyrene	11.484	202	116160	188.74	ug/L	99
79) Butylbenzylphthalate	12.271	149	7324	93.46	ug/L	98
80) Benzo(a)anthracene	12.880	228	24446	62.93	ug/L	100
82) Chrysene	12.918	228	43131	110.27	ug/L	91
83) bis(2-Ethylhexyl)phtha...	12.971	149	294679	967.80	ug/L	99
86) Benzo(b)fluoranthene	14.212	252	31985	96.99	ug/l	94
87) Benzo(k)fluoranthene	14.239	252	17373m	50.84	ug/l	
88) Benzofluoranthenes	14.246	252	52977	162.79	ug/L	74
89) Benzo(a)pyrene	14.683	252	9131	34.87	ug/L	77
90) Indeno(1,2,3-cd)pyrene	16.384	276	3735	21.88	ug/L	47
92) Benzo(g,h,i)perylene	16.772	276	5603	22.63	ug/L	75

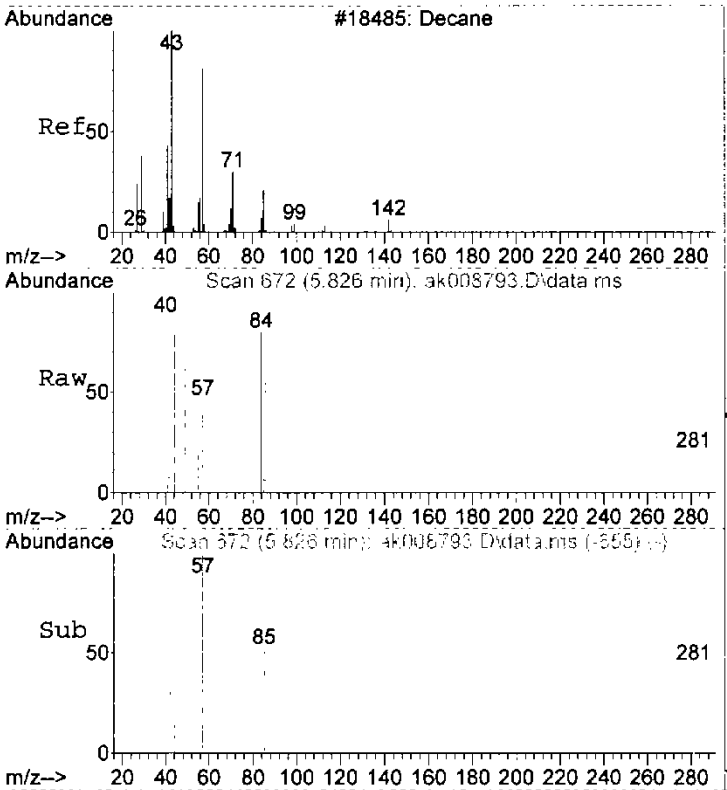
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008793.D Vial: 23
Sample : 580-5407-A-5-C
Misc : BT$S40040407A
Acq On : 5 Apr 2007 2:03 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

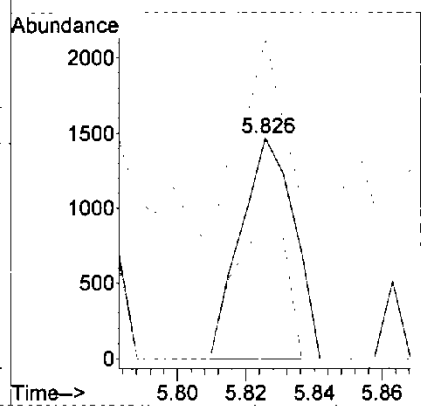


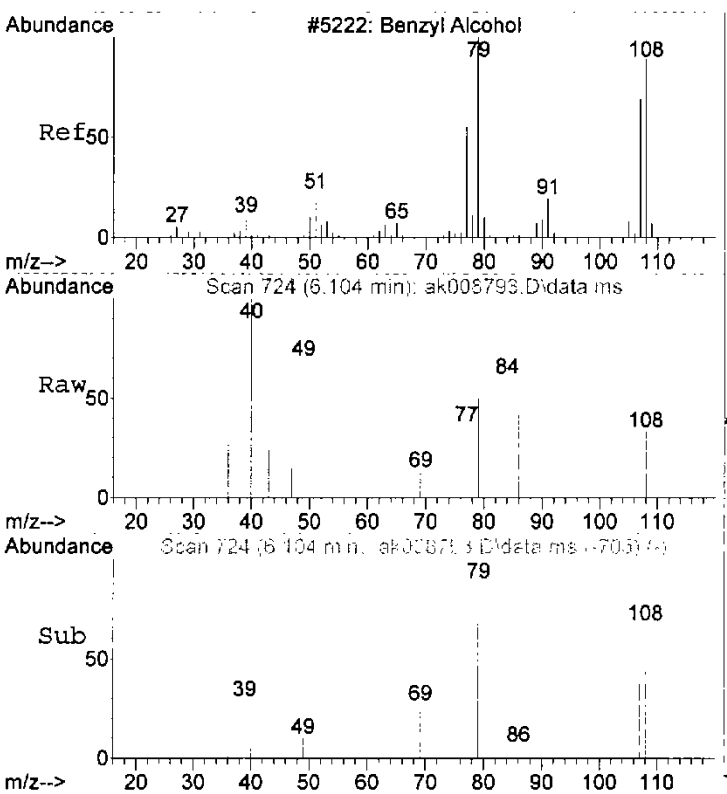


#11
Decane
Concen: 6.06 ug/L
RT: 5.826 min Scan# 672
Delta R.T. -0.007 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion: 57 Resp: 1587

Ion	Ratio	Lower	Upper
57	100		
71	64.7	10.8	70.8
43	80.5	55.6	115.6

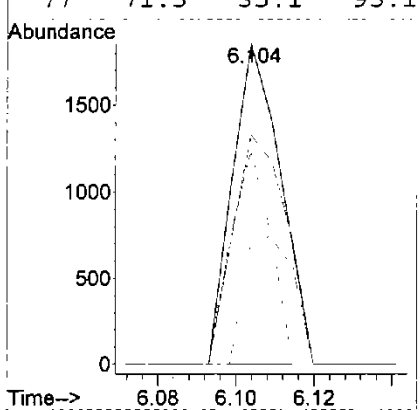


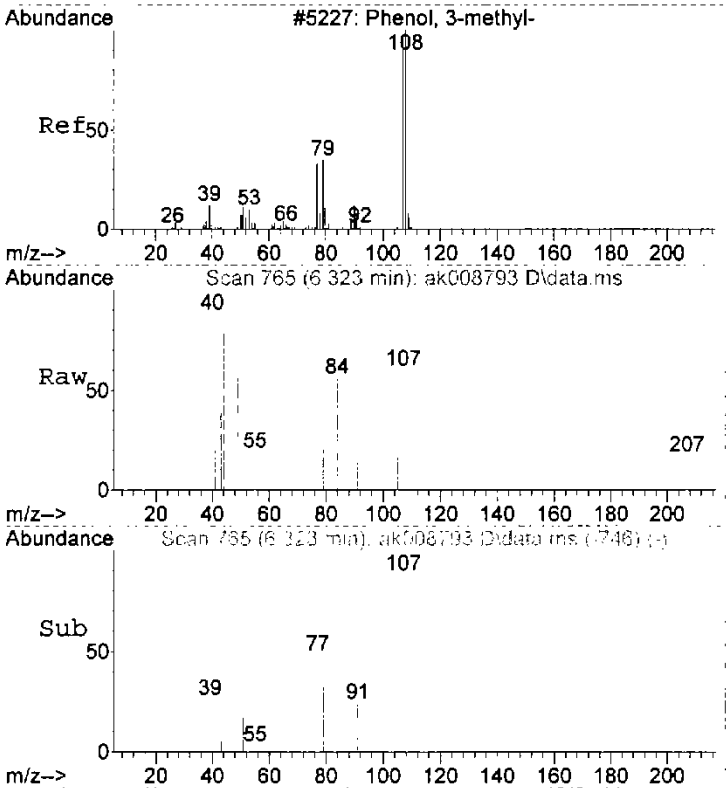


#14
Benzyl alcohol
Concen: 13.15 ug/L
RT: 6.104 min Scan# 724
Delta R.T. 0.001 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion: 79 Resp: 1586

Ion	Ratio	Lower	Upper
79	100		
108	66.7	51.5	111.5
107	38.1	27.7	87.7
77	71.5	35.1	95.1

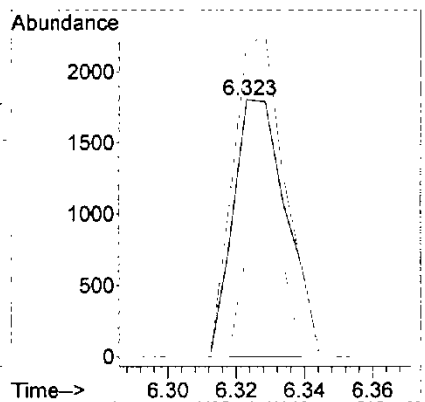


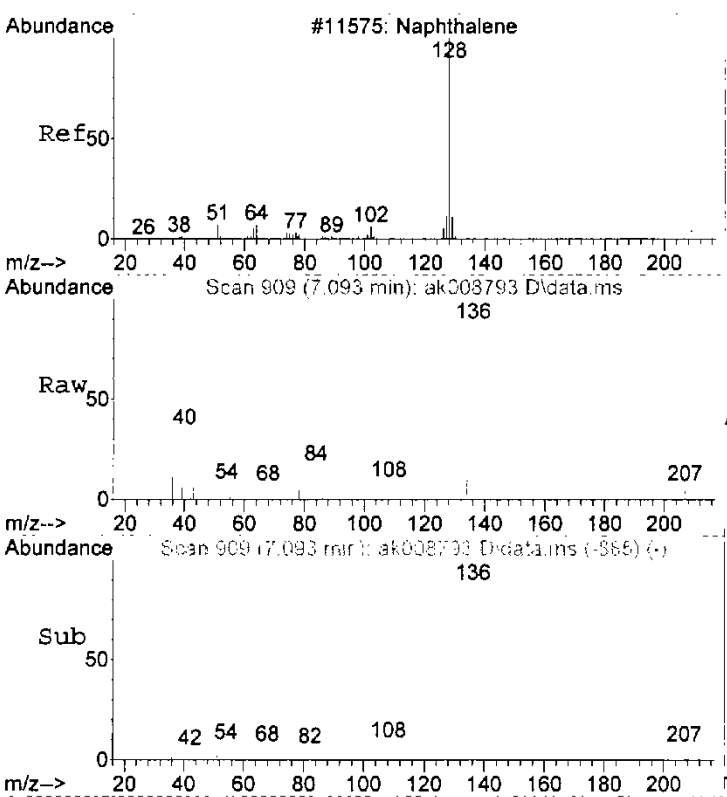


#18
3-&4-Methylphenol
Concen: 20.99 ug/L
RT: 6.323 min Scan# 765
Delta R.T. 0.002 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:108 Resp: 1936

Ion	Ratio	Lower	Upper
108	100		
107	121.4	74.6	134.6
79	40.3	0.0	56.3

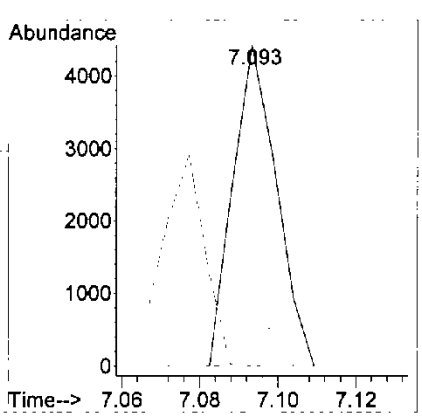


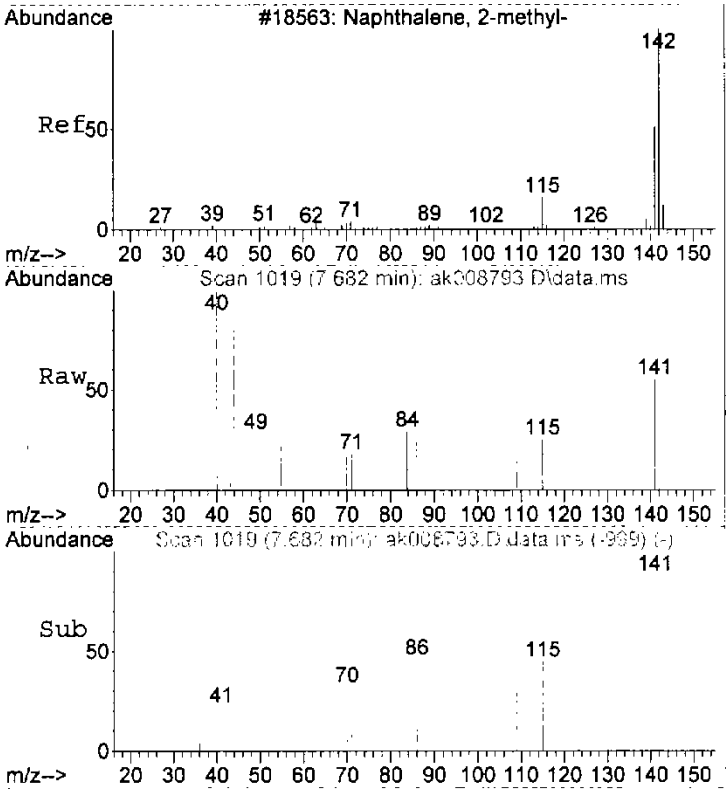


#31
Naphthalene
Concen: 4.07 ug/L
RT: 7.093 min Scan# 909
Delta R.T. -0.002 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:128 Resp: 3410

Ion	Ratio	Lower	Upper
128	100		
102	0.0	0.0	38.5
129	11.5	0.0	41.0

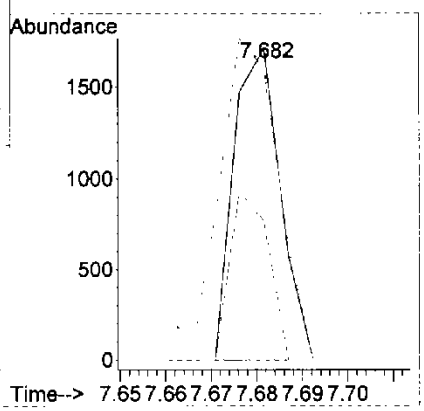


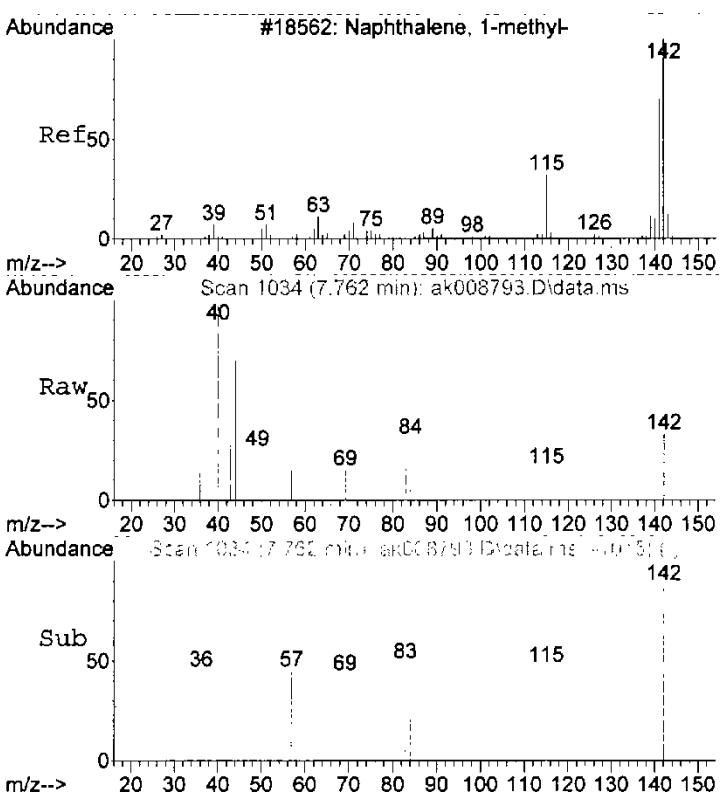


#35
2-Methylnaphthalene
Concen: 2.87 ug/L
RT: 7.682 min Scan# 1019
Delta R.T. 0.006 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:141 Resp: 1207

Ion	Ratio	Lower	Upper
141	100		
115	44.8	4.6	64.6
142	93.0	88.6	148.6

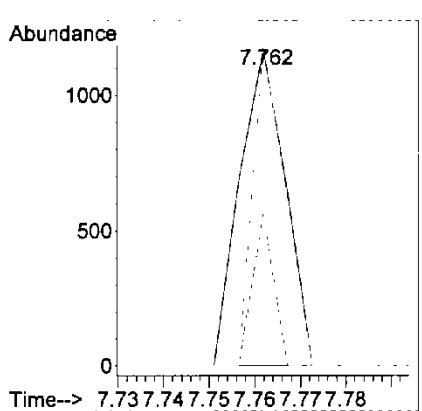


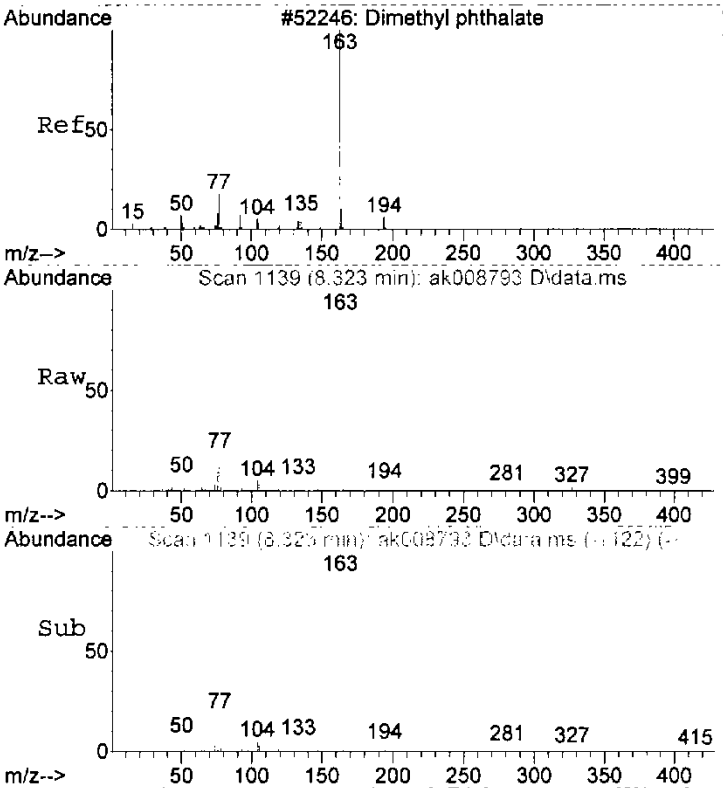


#36
1-Methylnaphthalene
Concen: 1.78 ug/l
RT: 7.762 min Scan# 1034
Delta R.T. 0.000 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:141 Resp: 802

Ion	Ratio	Lower	Upper
141	100		
115	48.0	6.0	66.0
142	101.2	82.7	142.7

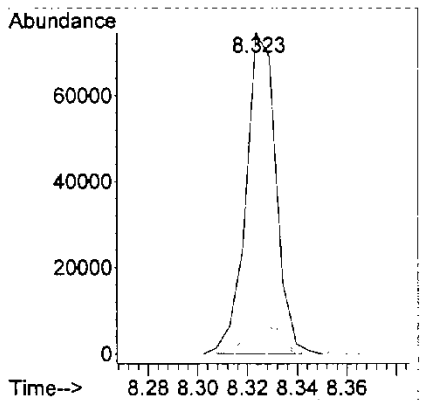


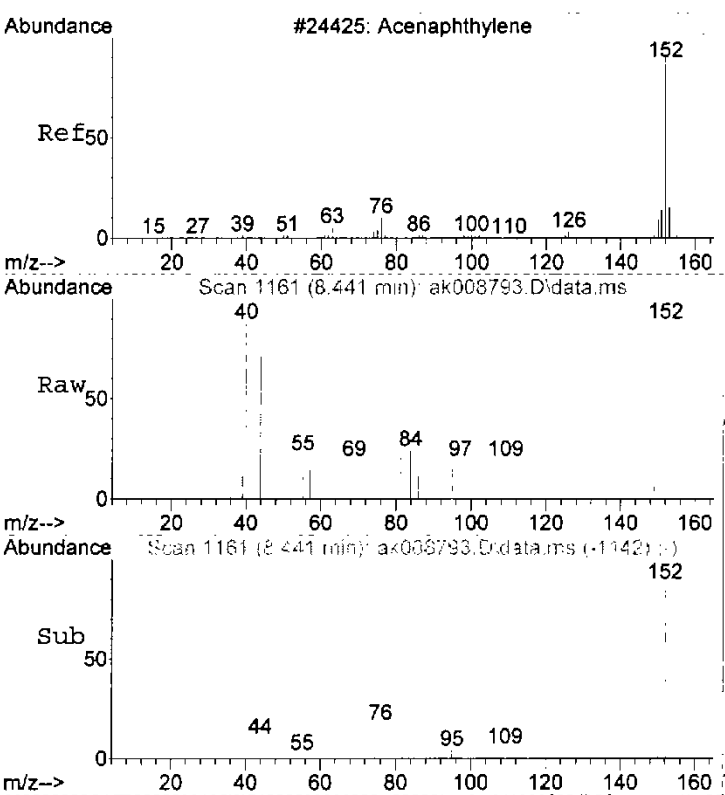


#46
Dimethylphthalate
Concen: 125.29 ug/L
RT: 8.323 min Scan# 1139
Delta R.T. -0.007 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:163 Resp: 62655

Ion	Ratio	Lower	Upper
163	100		
164	10.1	0.0	40.1
77	18.8	0.0	48.6

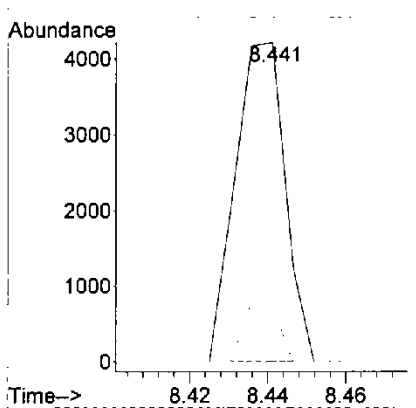


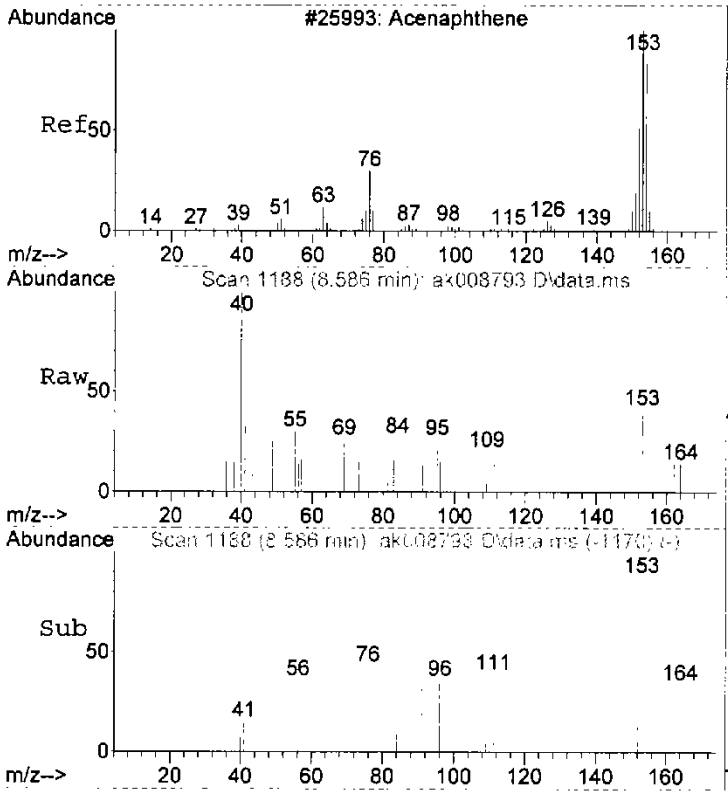


#47
Acenaphthylene
Concen: 4.97 ug/L
RT: 8.441 min Scan# 1161
Delta R.T. 0.001 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:152 Resp: 3737

Ion	Ratio	Lower	Upper
152	100		
151	17.1	0.0	48.7

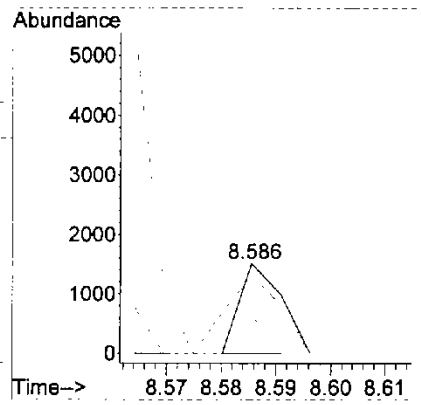


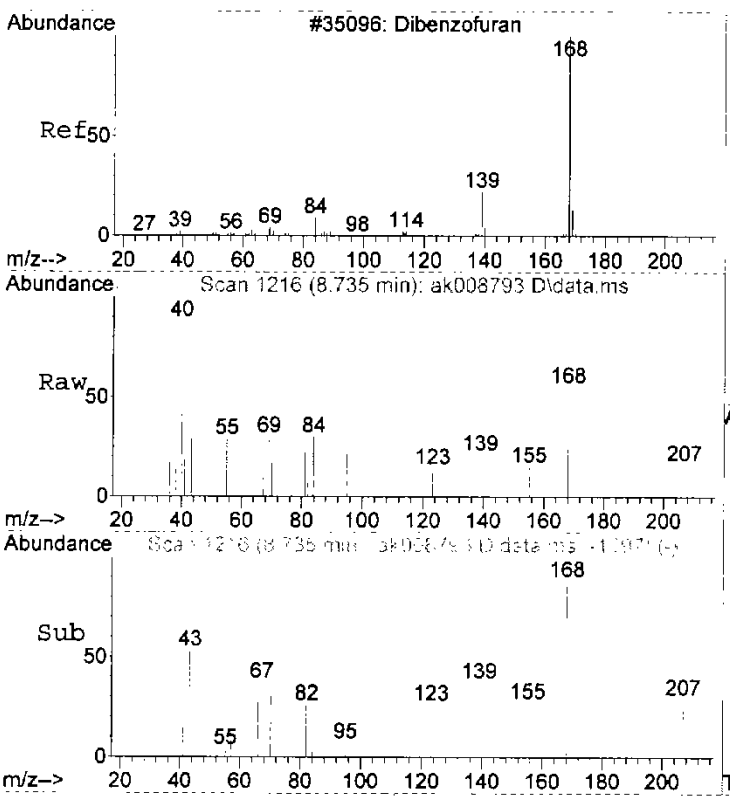


#50
Acenaphthene
Concen: 1.62 ug/L
RT: 8.586 min Scan# 1188
Delta R.T. -0.002 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:153 Resp: 802

Ion	Ratio	Lower	Upper
153	100		
154	86.6	61.8	121.8
76	43.4	0.0	51.1

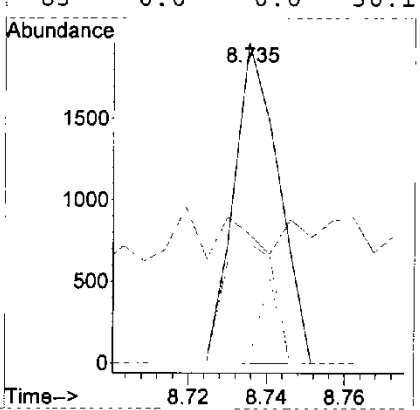


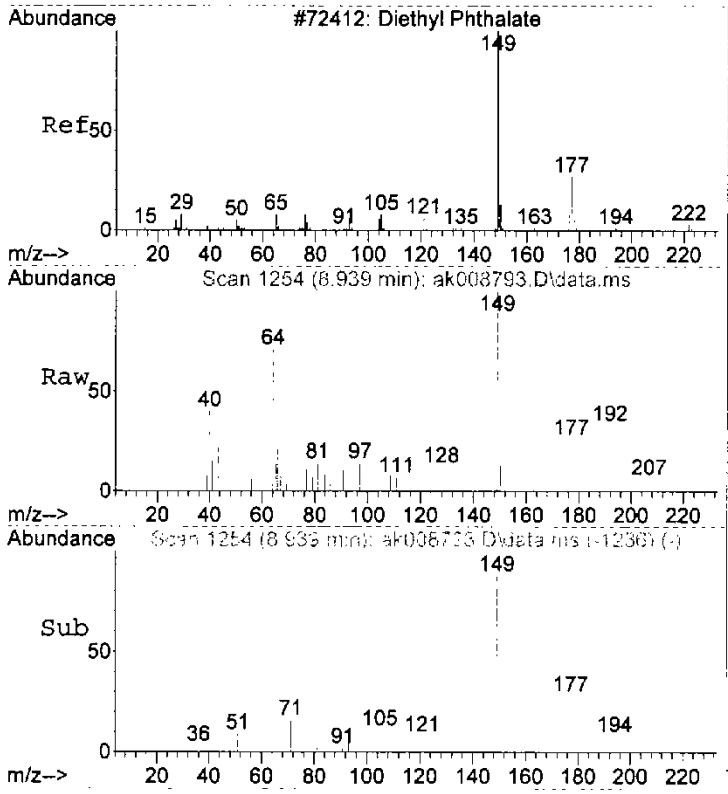


#53
Dibenzofuran
Concen: 2.36 ug/L
RT: 8.735 min Scan# 1216
Delta R.T. -0.000 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:168 Resp: 1551

Ion	Ratio	Lower	Upper
168	100		
139	37.3	7.1	67.1
169	0.0	0.0	43.3
83	0.0	0.0	30.1

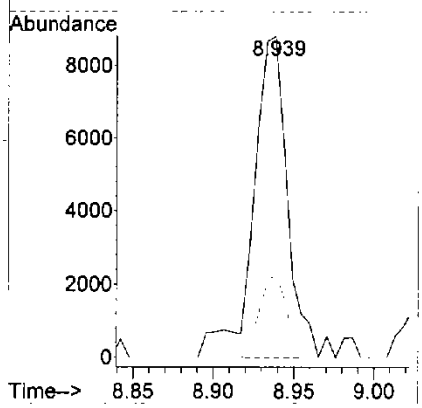


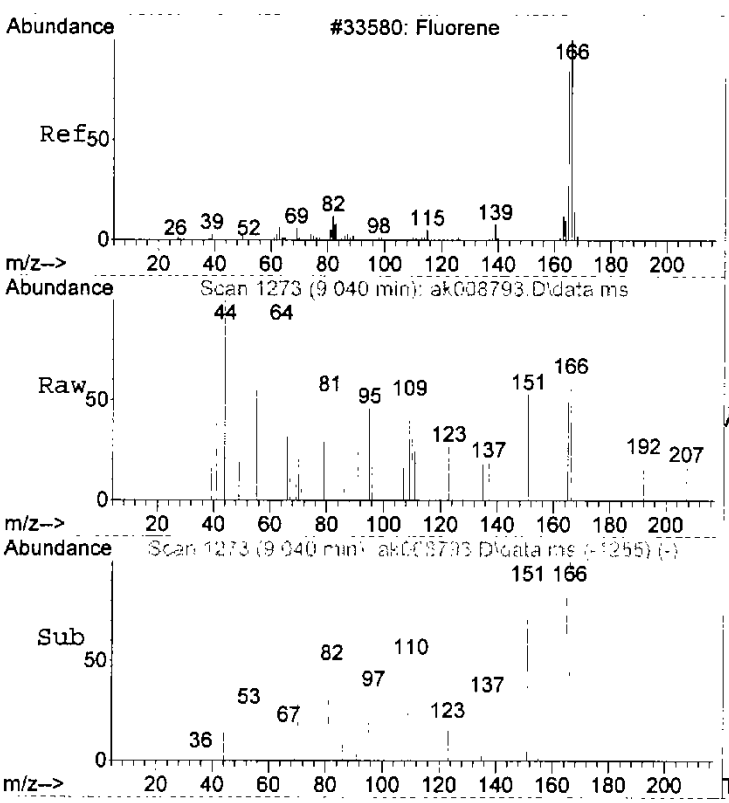


#57
Diethylphthalate
Concen: 18.04 ug/L
RT: 8.939 min Scan# 1254
Delta R.T. -0.005 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:149 Resp: 13056

Ion	Ratio	Lower	Upper
149	100		
177	26.1	0.0	49.3

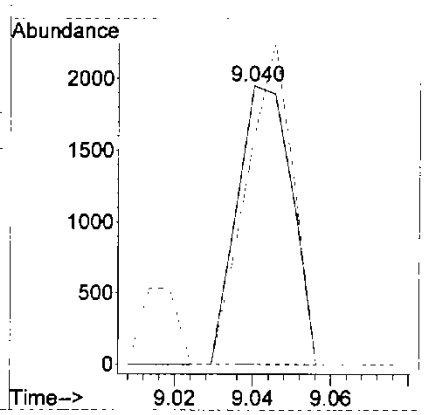


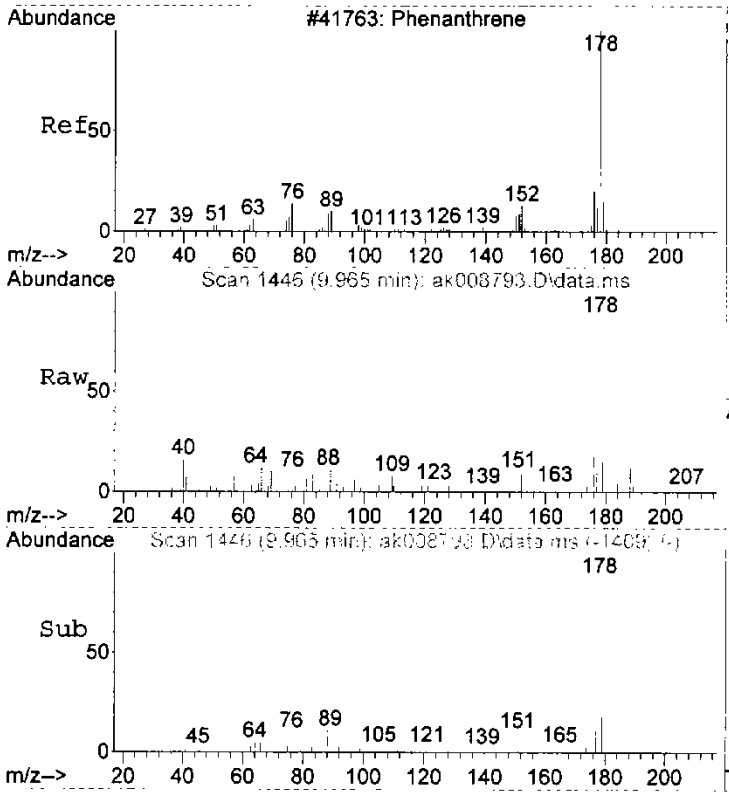


#58
Fluorene
Concen: 3.82 ug/L
RT: 9.040 min Scan# 1273
Delta R.T. -0.002 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:166 Resp: 1881

Ion	Ratio	Lower	Upper
166	100		
165	81.6	65.6	125.6

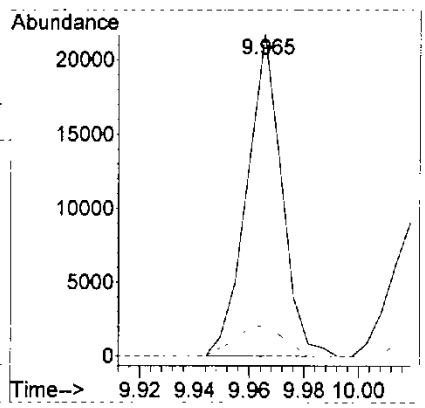


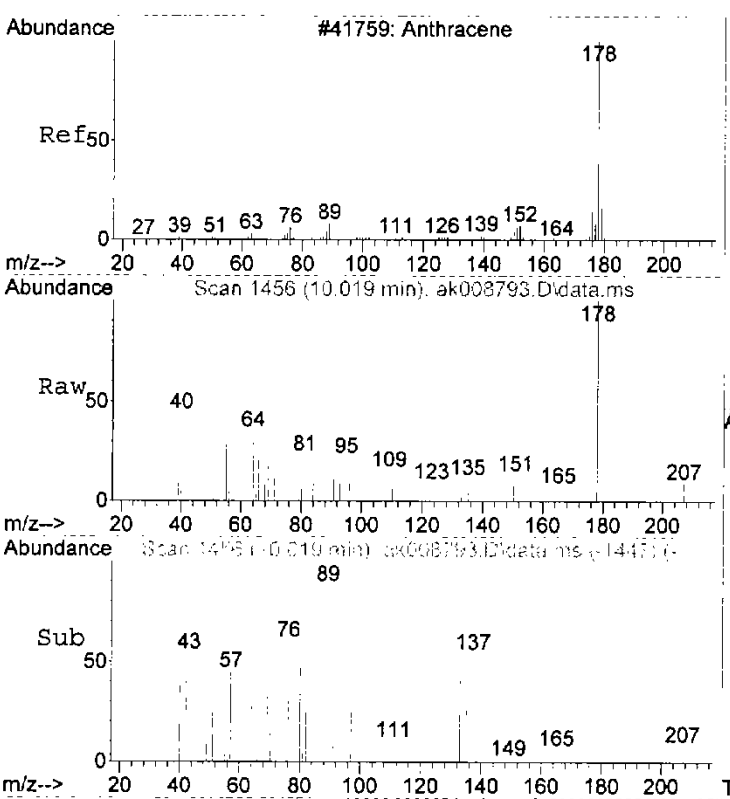


#69
Phenanthrene
Concen: 29.07 ug/L
RT: 9.965 min Scan# 1446
Delta R.T. 0.000 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:178 Resp: 19248

Ion	Ratio	Lower	Upper
178	100		
152	9.4	0.0	43.2

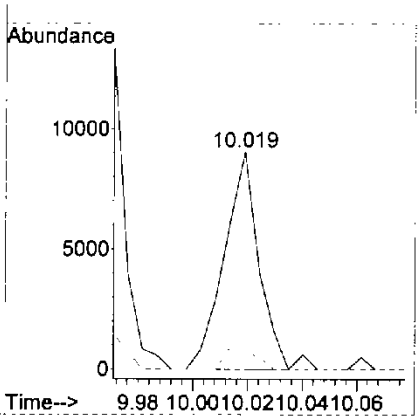


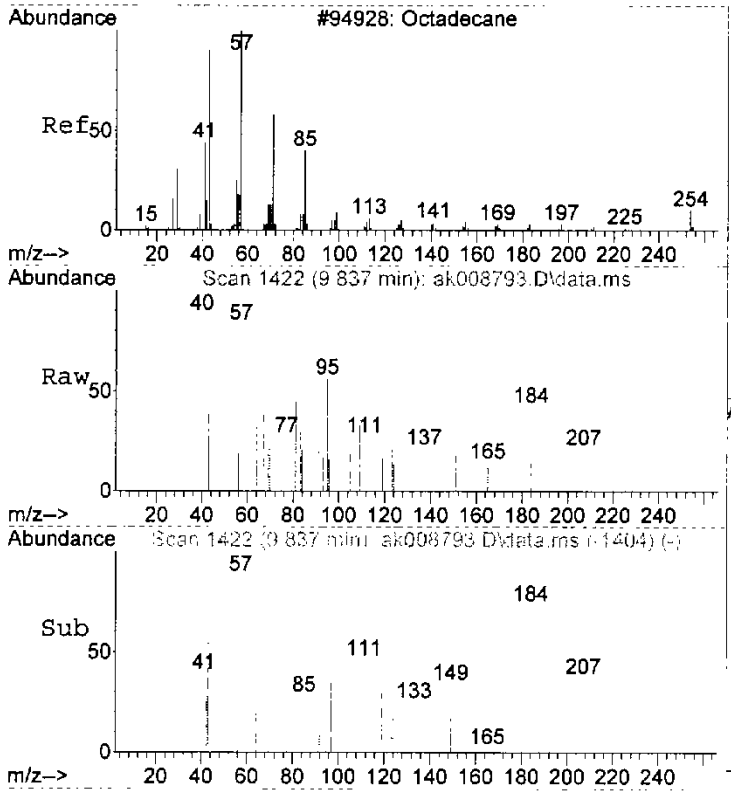


#70
Anthracene
Concen: 13.60 ug/L
RT: 10.019 min Scan# 1456
Delta R.T. 0.000 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:178 Resp: 8040

Ion	Ratio	Lower	Upper
178	100		
152	7.4	0.0	36.8

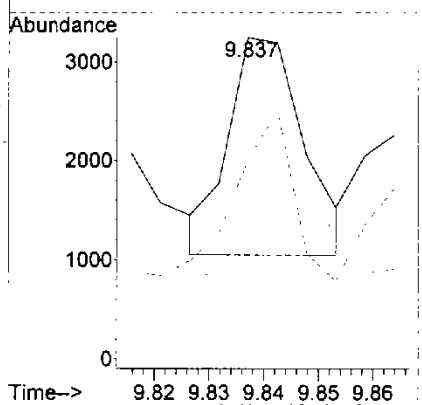


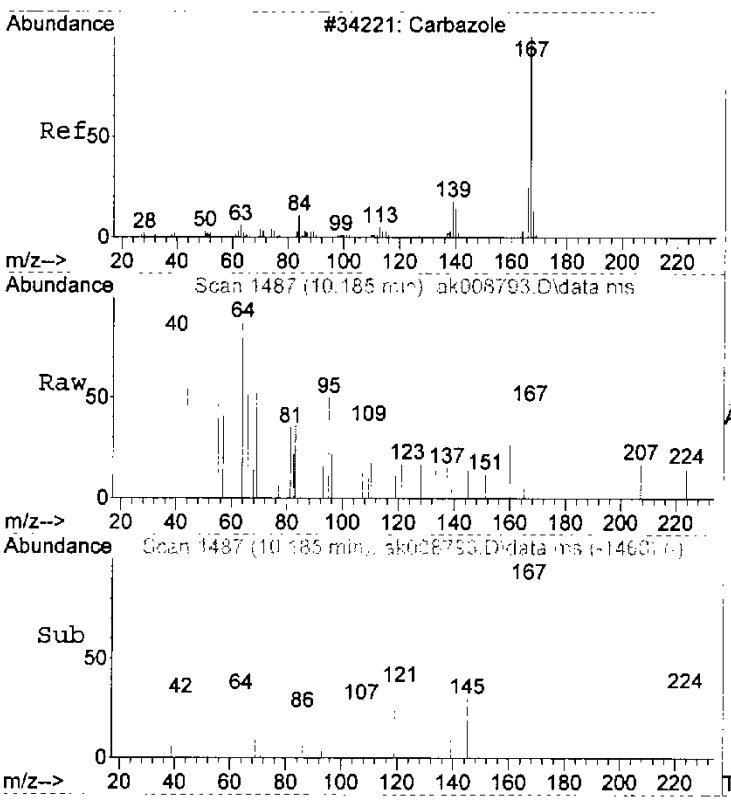


#71
Octadecane
Concen: 8.50 ug/L
RT: 9.837 min Scan# 1422
Delta R.T. -0.005 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion: 57 Resp: 2098

Ion	Ratio	Lower	Upper
57	100		
71	63.0	28.0	88.0
85	28.4	9.7	69.7

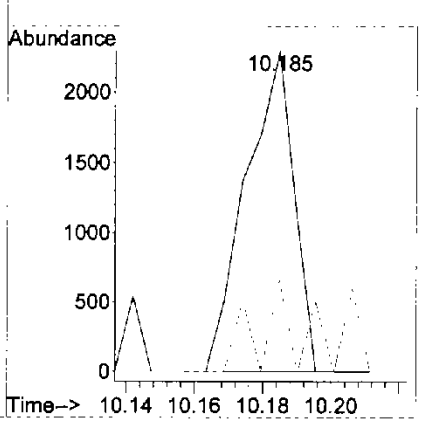


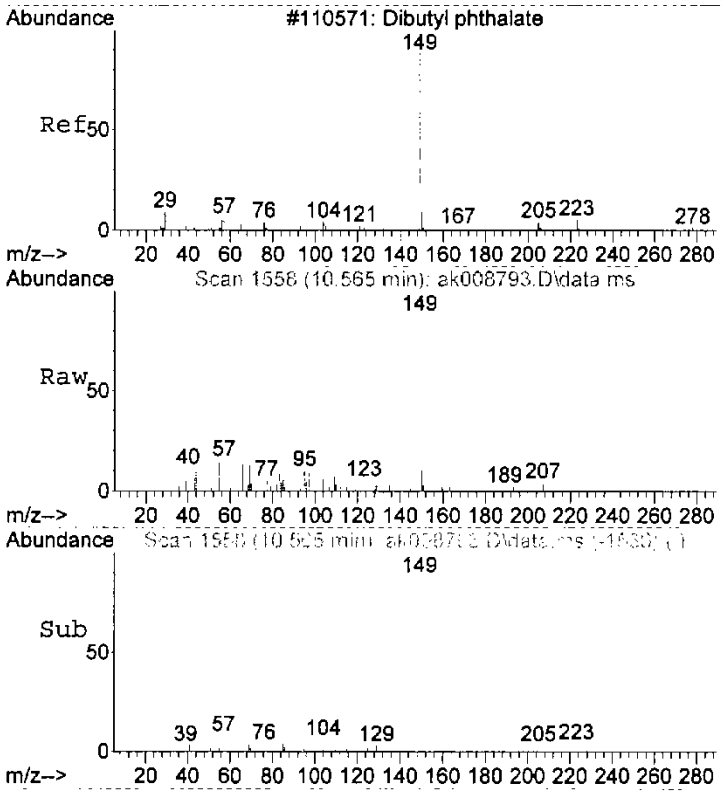


#72
Carbazole
Concen: 4.98 ug/L
RT: 10.185 min Scan# 1487
Delta R.T. 0.005 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:167 Resp: 2230

Ion	Ratio	Lower	Upper
167	100		
139	28.8	0.0	47.5

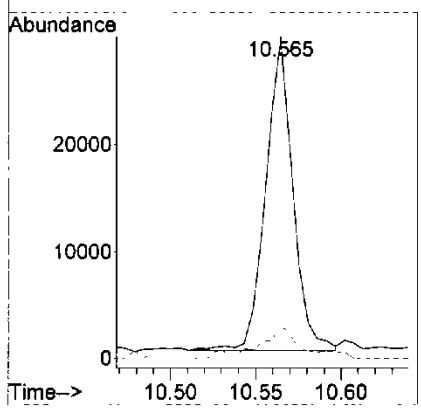


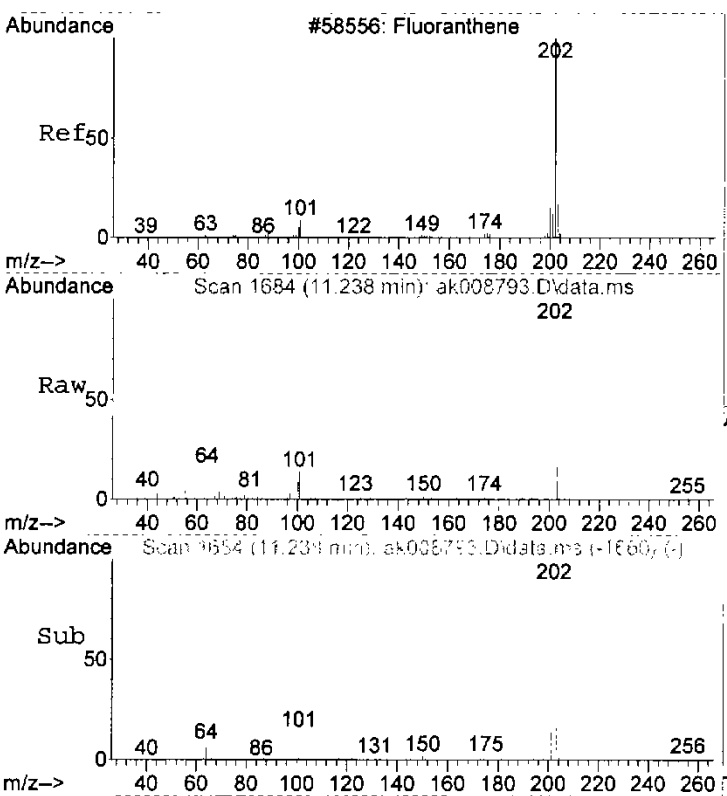


#73
Di-n-butylphthalate
Concen: 39.22 ug/L
RT: 10.565 min Scan# 1558
Delta R.T. -0.010 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:149 Resp: 32386

Ion	Ratio	Lower	Upper
149	100		
150	9.7	0.0	39.0

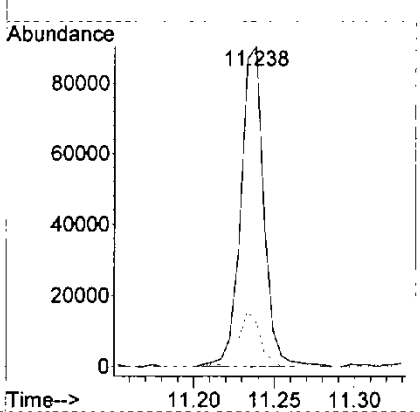


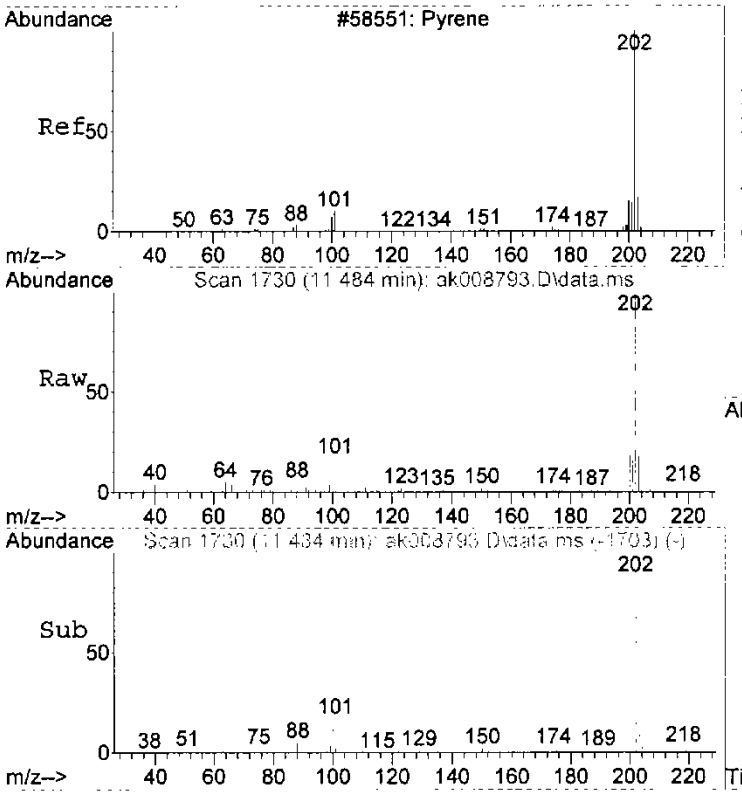


#74
Fluoranthene
Concen: 154.71 ug/L
RT: 11.238 min Scan# 1684
Delta R.T. 0.000 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:202 Resp: 89704

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	44.4

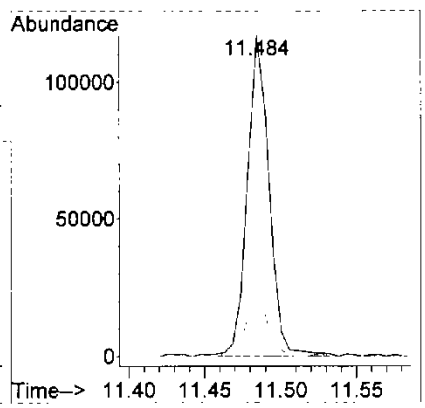


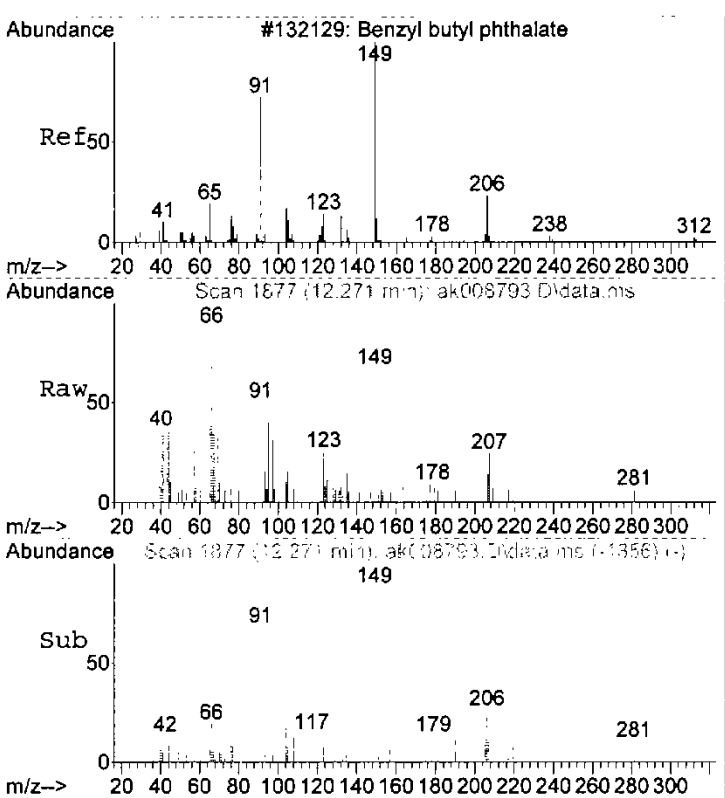


#75
Pyrene
Concen: 188.74 ug/L
RT: 11.484 min Scan# 1730
Delta R.T. -0.010 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:202 Resp: 116160

Ion	Ratio	Lower	Upper
202	100		
101	17.2	0.0	46.9

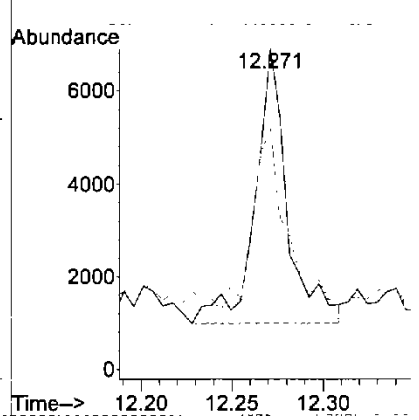


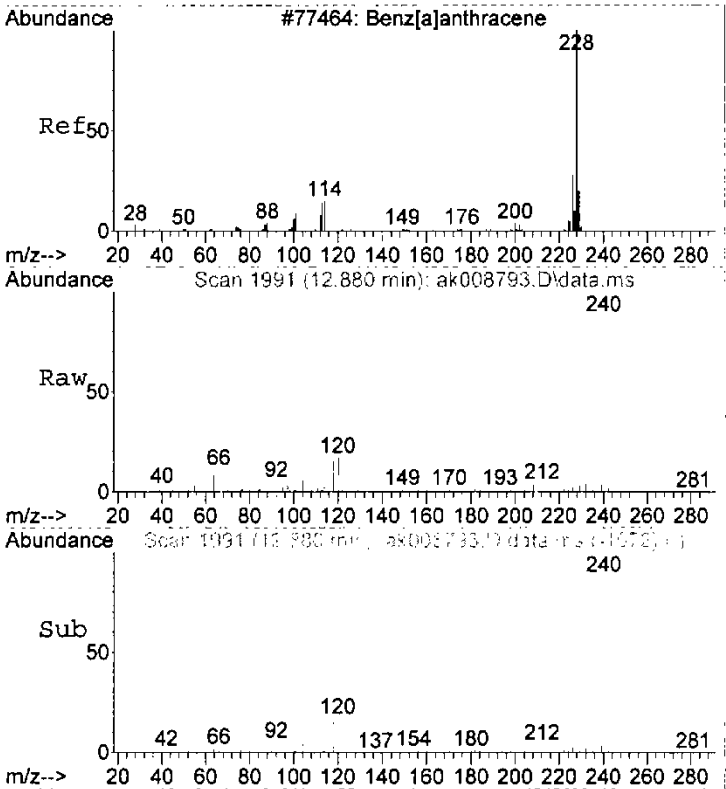


#79
Butylbenzylphthalate
Concen: 93.46 ug/L
RT: 12.271 min Scan# 1877
Delta R.T. 0.011 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:149 Resp: 7324

Ion	Ratio	Lower	Upper
149	100		
91	63.4	34.7	94.7

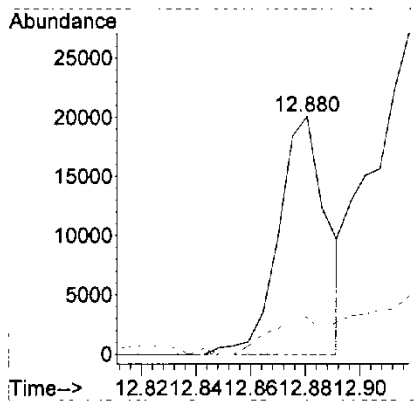


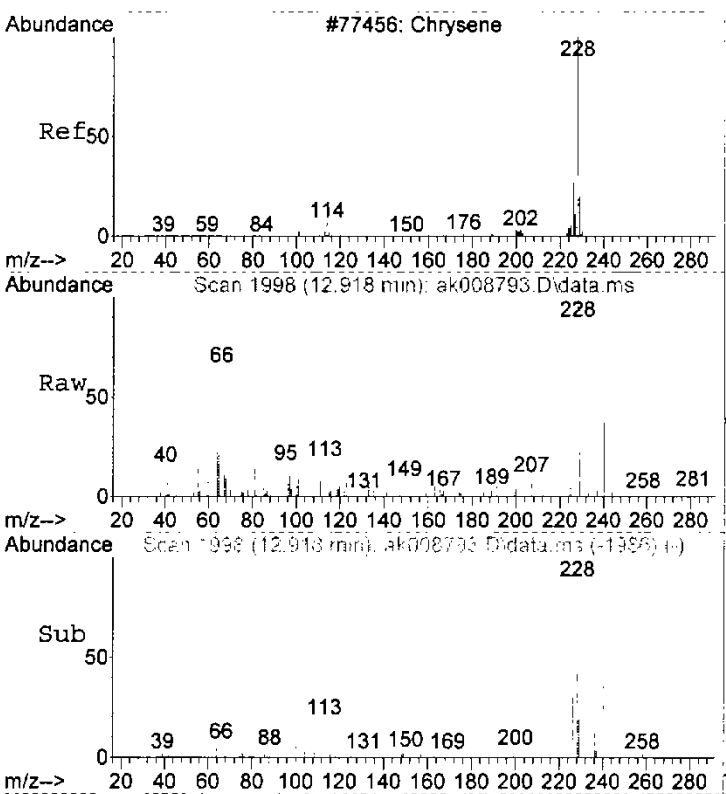


#80
Benzo(a)anthracene
Concen: 62.93 ug/L
RT: 12.880 min Scan# 1991
Delta R.T. -0.000 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:228 Resp: 24446

Ion	Ratio	Lower	Upper
228	100		
113	11.7	0.0	41.7

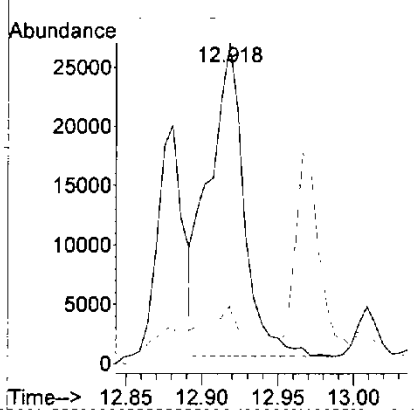


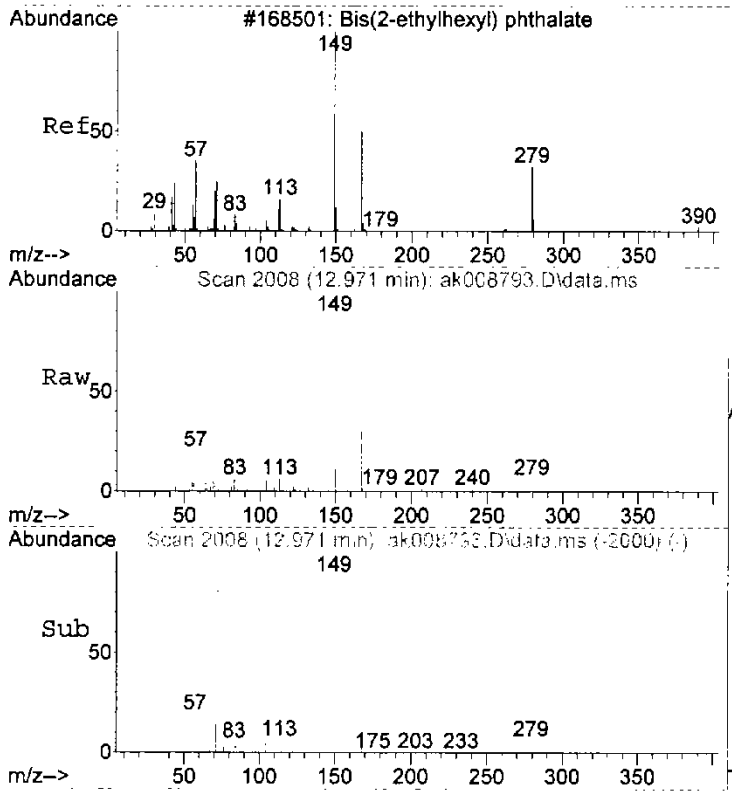


#82
Chrysene
Concen: 110.27 ug/L
RT: 12.918 min Scan# 1998
Delta R.T. -0.000 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:228 Resp: 43131

Ion	Ratio	Lower	Upper
228	100		
113	10.8	0.0	44.5

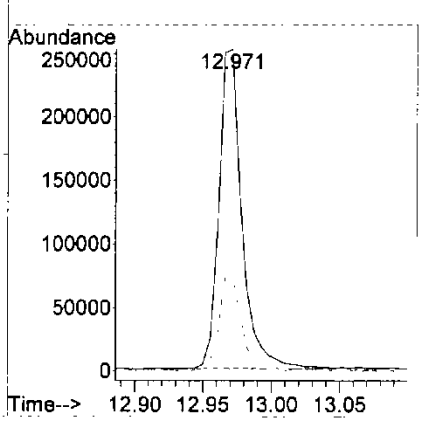


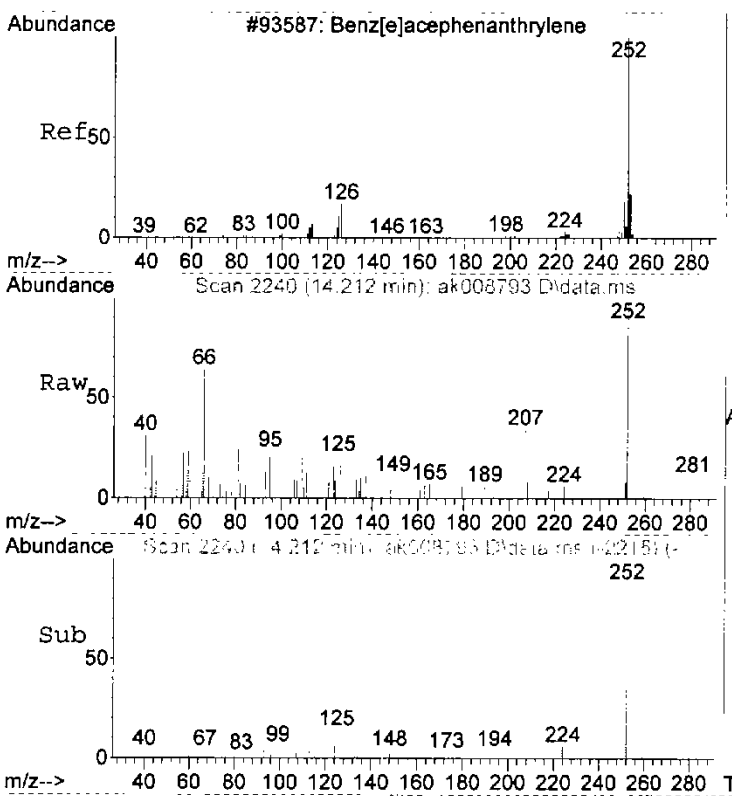


#83
bis(2-Ethylhexyl)phthalate
Concen: 967.80 ug/L
RT: 12.971 min Scan# 2008
Delta R.T. -0.059 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:149 Resp: 294679

Ion	Ratio	Lower	Upper
149	100		
167	30.0	0.4	60.4
279	6.0	0.0	35.8

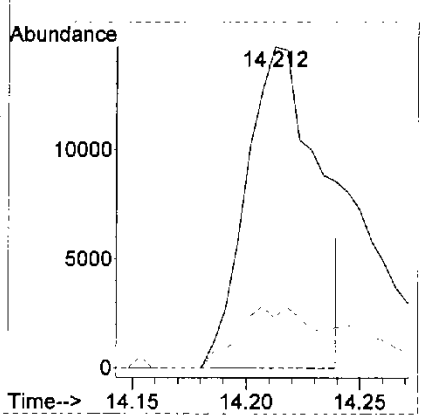


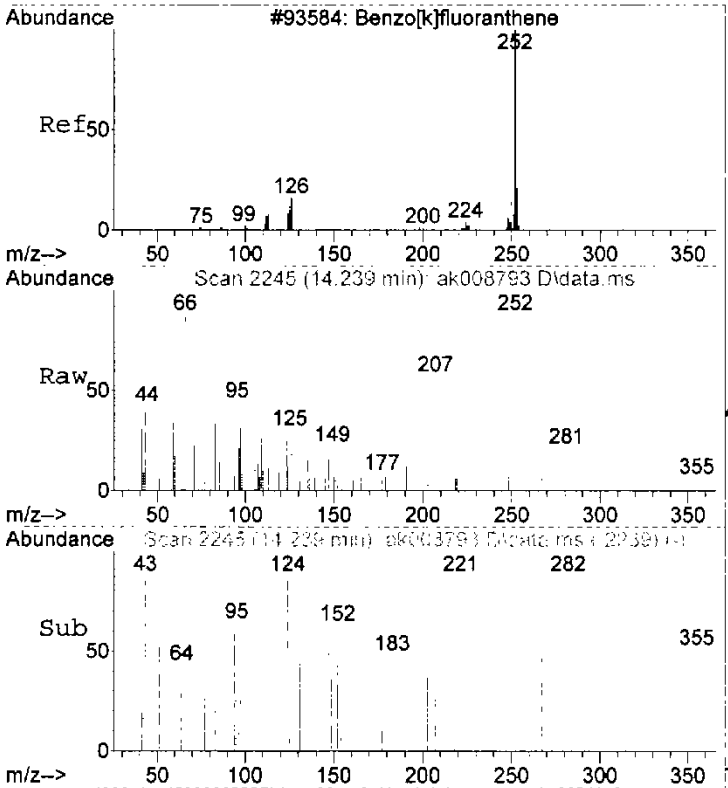


#86
Benzo(b)fluoranthene
Concen: 96.99 ug/l
RT: 14.212 min Scan# 2240
Delta R.T. 0.004 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:252 Resp: 31985

Ion	Ratio	Lower	Upper
252	100		
126	19.0	0.0	46.6

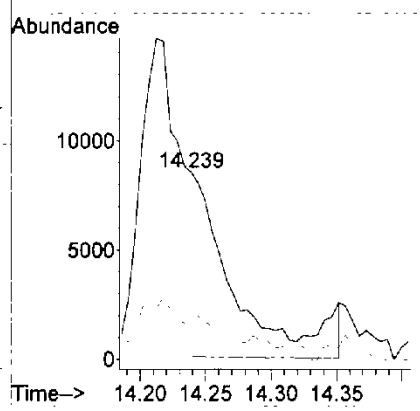


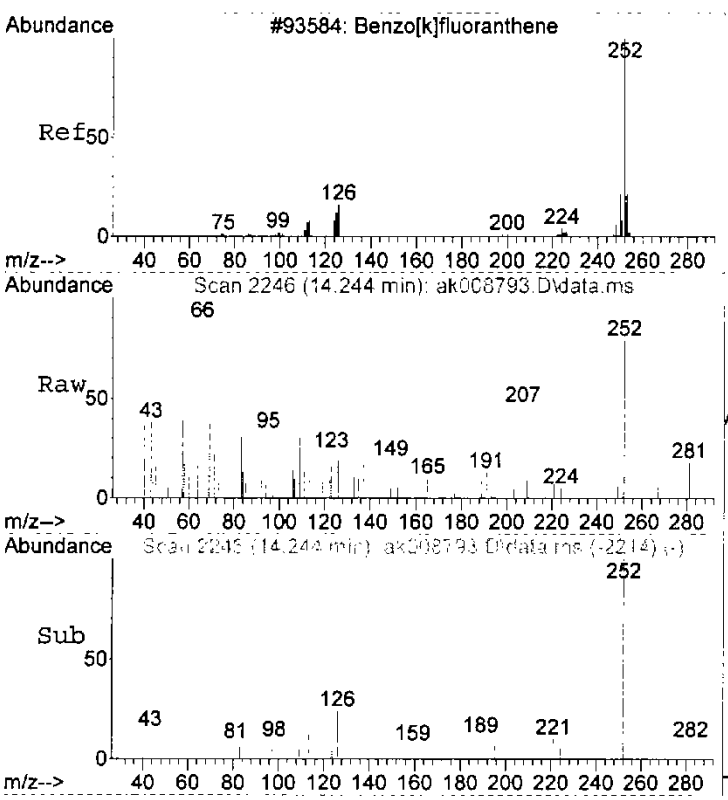


#87
Benzo(k)fluoranthene
Concen: 50.84 ug/l m
RT: 14.239 min Scan# 2245
Delta R.T. -0.006 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:252 Resp: 17373

Ion	Ratio	Lower	Upper
252	100		
126	0.0	0.0	49.1

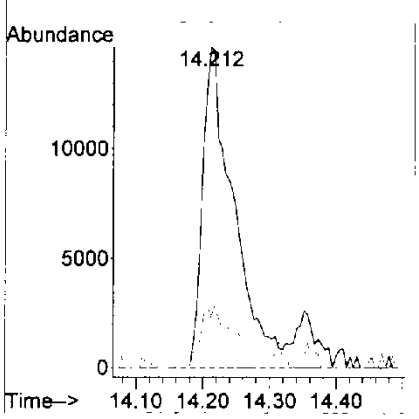


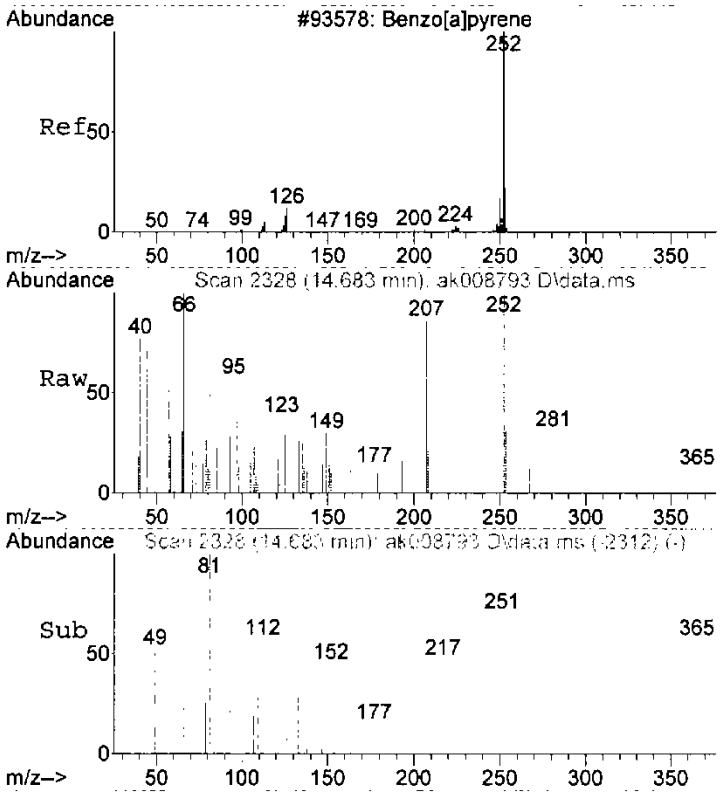


#88
Benzofluoranthenes
Concen: 162.79 ug/L
RT: 14.246 min Scan# 2246
Delta R.T. -0.035 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:252 Resp: 52977

Ion	Ratio	Lower	Upper
252	100		
126	24.5	0.0	44.0

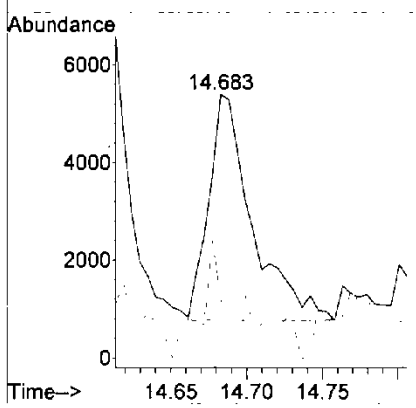


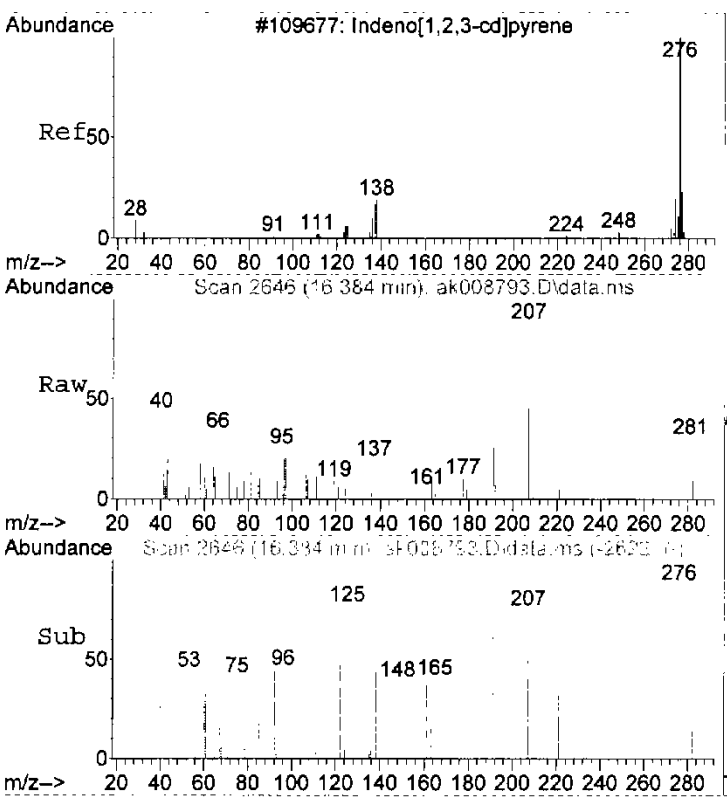


#89
Benzo(a)pyrene
Concen: 34.87 ug/L
RT: 14.683 min Scan# 2328
Delta R.T. -0.013 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:252 Resp: 9131

Ion	Ratio	Lower	Upper
252	100		
126	6.5	0.0	46.5

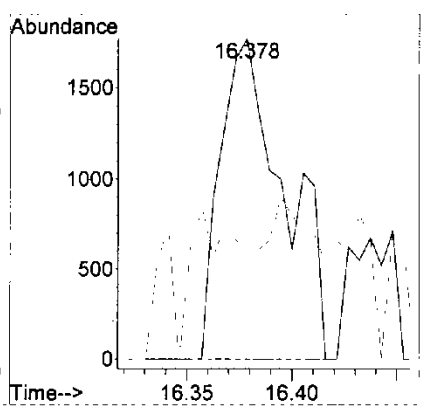


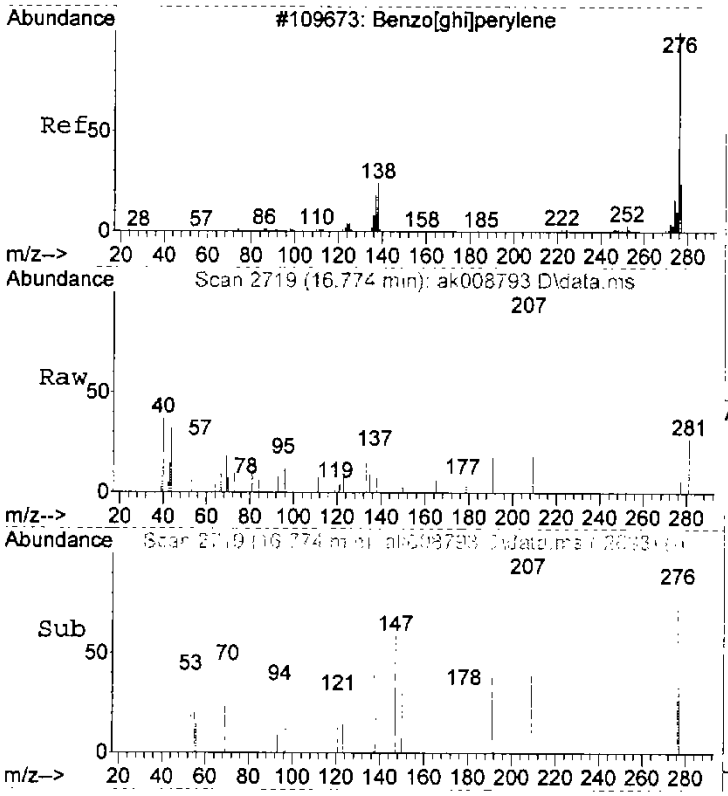


#90
Indeno(1,2,3-cd)pyrene
Concen: 21.88 ug/L
RT: 16.384 min Scan# 2646
Delta R.T. -0.012 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

Tgt Ion:276 Resp: 3735

Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	57.8

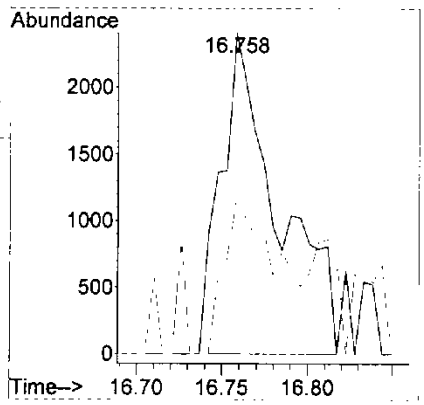




#92
Benzo(g,h,i)perylene
Concen: 22.63 ug/L
RT: 16.772 min Scan# 2719
Delta R.T. -0.002 min
Lab File: ak008793.D
Acq: 5 Apr 2007 2:03

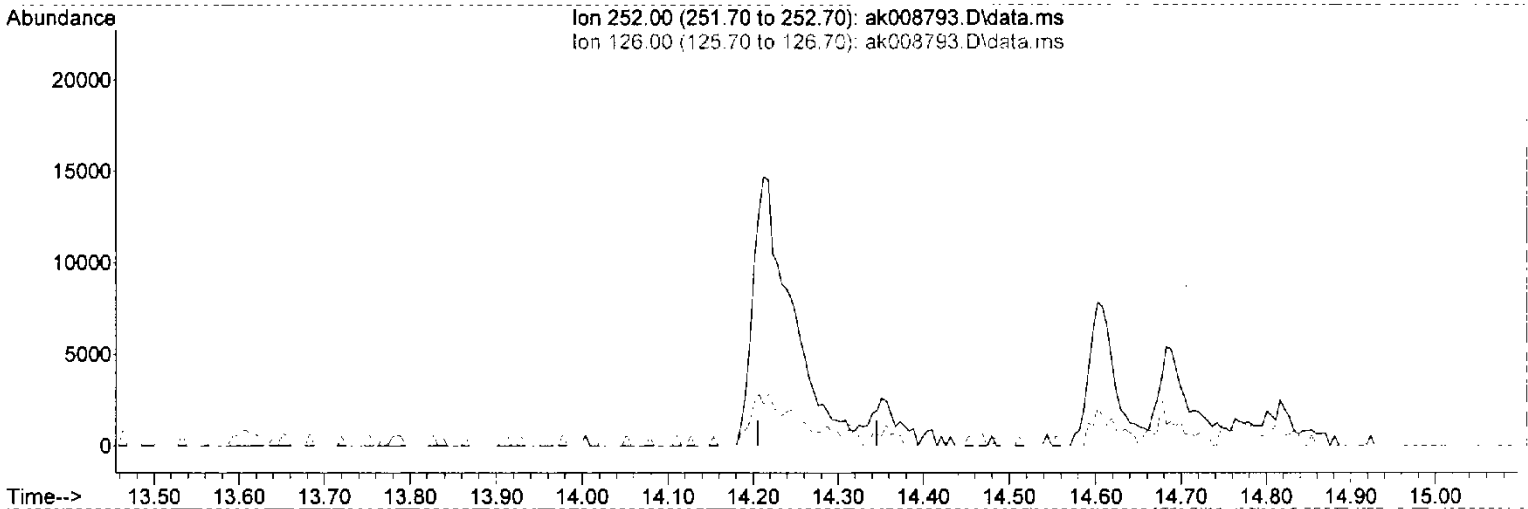
Tgt Ion:276 Resp: 5603

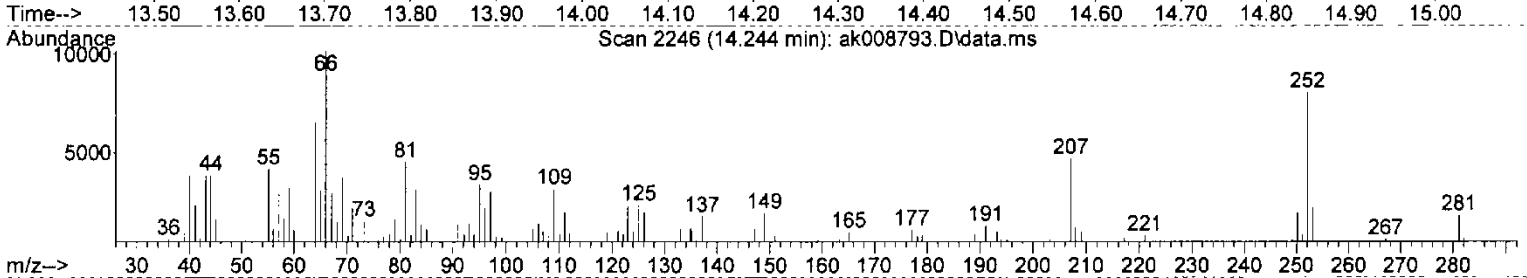
Ion	Ratio	Lower	Upper
276	100		
138	39.1	0.0	56.4

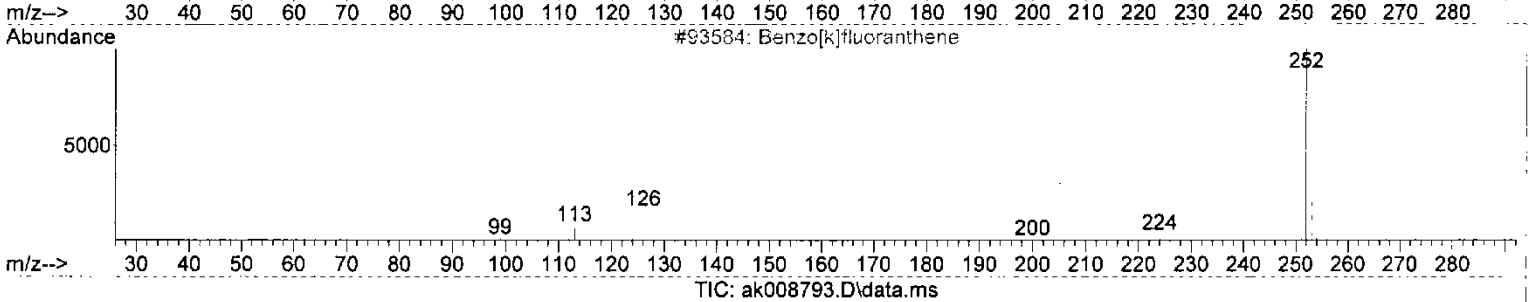


Data File : G:\DATA\040407_a\ak008793.D Vial: 23
Sample : 580-5407-A-5-C
Misc : BT$S40040407A
Acq On : 5 Apr 2007 2:03 Operator: CLZ
InstName : sea040

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

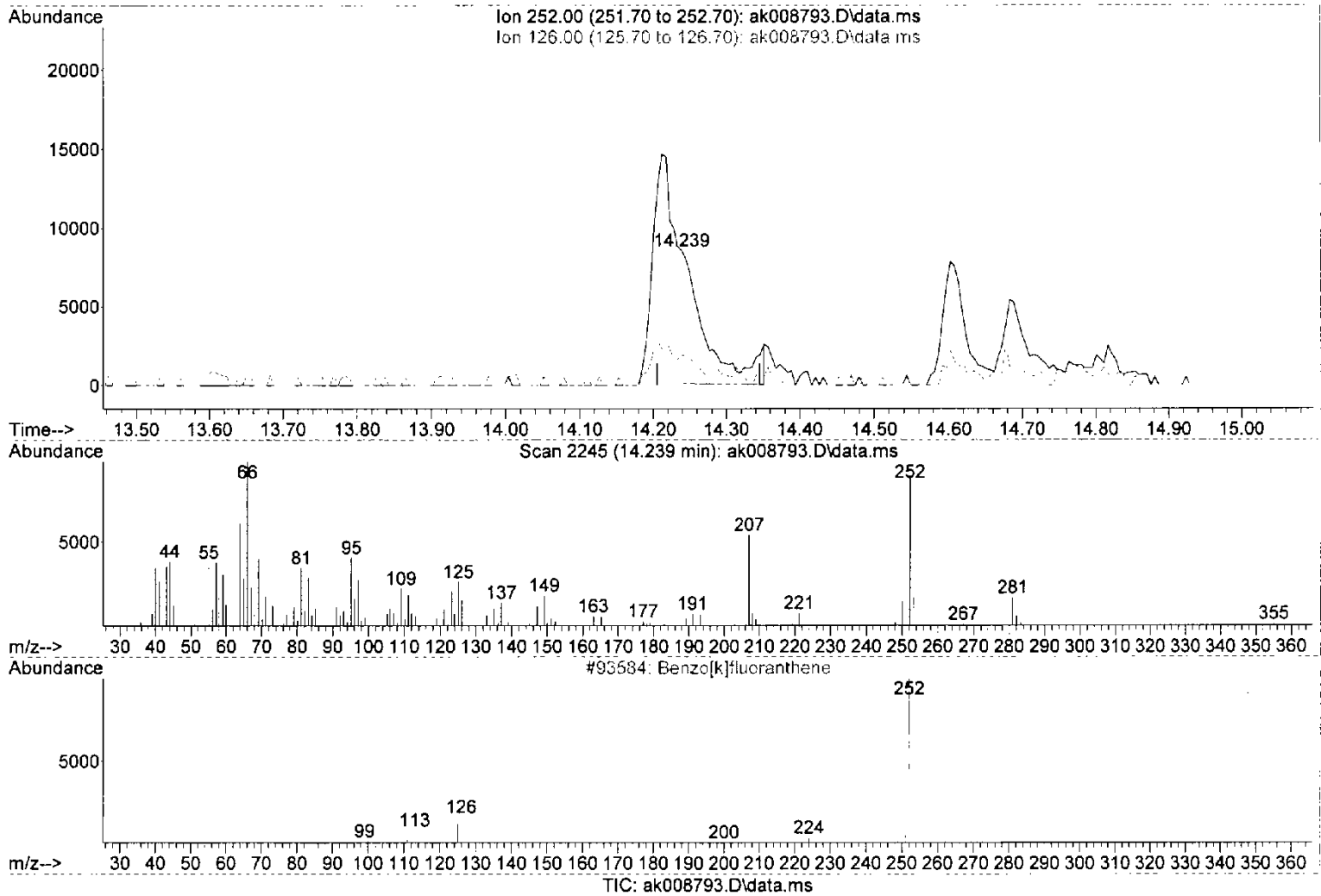
Ion	Exp%	Act%
252.00	100	0.00
126.00	19.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

mass spec
dz
4/18/07

Quantitation Report (Qedit)

Data File : G:\DATA\040407_a\ak008793.D Vial: 23
Sample : 580-5407-A-5-C
Misc : BT$S40040407A
Acq On : 5 Apr 2007 2:03 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: ak008793.D\data.ms

(87) Benzo(k)fluoranthene (T)

14.239min (-0.006) 50.84ug/l m

response 17373

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

4/18/07

Data File Name ak008793.D
Data File Path G:\DATA\040407_a\
Operator CLZ
Date Acquired 4/5/2007 2:03
Sample Name 580-5407-A-5-C
Vial Number 23

#	Name	Target Response	ICAL response		%
1)	1,4-Dichlorobenzene-d4 (I)	191903	184055		104%
21)	Naphthalene - d8 (I)	737059	713915		103%
37)	Acenaphthene - d10 (I)	376545		359759	105%
61)	Phenanthrene - d10 (I)	548159		535020	102%
78)	Chrysene - d12 (I)	351101		315876	111%
84)	Perylene - d12 (I)	233658		181603	129%

Pass/Fail
PASS
PASS
PASS
PASS
PASS
PASS

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008794.D Vial: 24
Sample : 580-5407-A-6-C
Misc : BT$S40040407A
Acq On : 5 Apr 2007 2:30 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

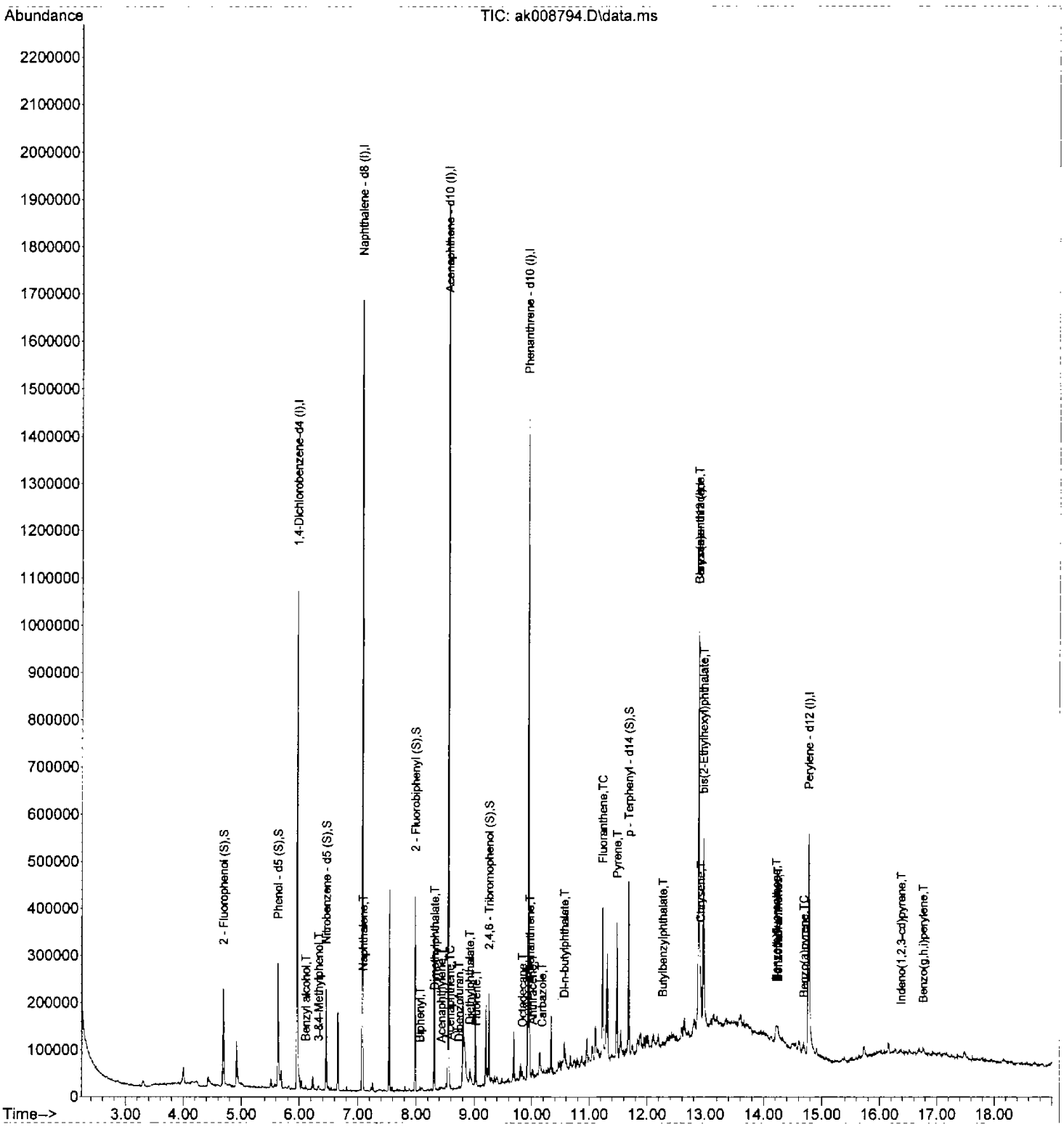
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	189100	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	729073	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	364337	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.939	188	583468	1000.00	ug/L	0.00
78) Chrysene - d12 (I)	12.886	240	366308	1000.00	ug/l	0.00
84) Perylene - d12 (I)	14.774	264	286604	1000.00	ug/L	0.00
System Monitoring Compounds						
4) 2 - Fluorophenol (S)	4.692	112	89419	371.14	ug/L	0.00
7) Phenol - d5 (S)	5.633	99	110440	380.45	ug/L	-0.01
22) Nitrobenzene - d5 (S)	6.457	82	71427	313.30	ug/L	0.00
42) 2 - Fluorobiphenyl (S)	7.987	172	119804	219.79	ug/L	0.00
64) 2,4,6 - Tribromophenol...	9.265	330	28031	353.45	ug/L	0.00
77) p - Terphenyl - d14 (S)	11.682	244	125371	336.07	ug/L	-0.01
Target Compounds						Qvalue
14) Benzyl alcohol	6.109	79	1613	13.44	ug/L	94
18) 3-&4-Methylphenol	6.328	108	2390	22.97	ug/L	91
31) Naphthalene	7.093	128	3085	3.72	ug/L	73
44) Biphenyl	8.072	154	645	1.06	ug/L	57
46) Dimethylphthalate	8.323	163	2310	4.77	ug/L	76
47) Acenaphthylene	8.436	152	3338	4.59	ug/L	86
50) Acenaphthene	8.586	153	992	2.07	ug/L	86
53) Dibenzofuran	8.735	168	1362	2.14	ug/L	81
57) Diethylphthalate	8.933	149	10787	14.25	ug/L	96
58) Fluorene	9.040	166	1977	4.15	ug/L	85
69) Phenanthrene	9.966	178	42277	63.28	ug/L	92
70) Anthracene	10.019	178	6411	10.75	ug/L	96
71) Octadecane	9.842	57	2410	9.68	ug/L	79
72) Carbazole	10.185	167	3226	7.13	ug/L	93
73) Di-n-butylphthalate	10.565	149	30307	36.37	ug/L	94
74) Fluoranthene	11.233	202	127342	217.66	ug/L	99
75) Pyrene	11.485	202	118283	190.47	ug/L	98
76) Benzidine	11.399	184	874	Below Cal	#	73
79) Butylbenzylphthalate	12.265	149	2400	71.74	ug/L	92
80) Benzo(a)anthracene	12.881	228	24906	61.45	ug/L	88
82) Chrysene	12.918	228	54447	133.42	ug/L	86
83) bis(2-Ethylhexyl)phtha...	12.971	149	165447	551.91	ug/L	97
86) Benzo(b)fluoranthene	14.207	252	25188	67.36	ug/l	90
88) Benzofluoranthenes	14.250	252	48701	137.18	ug/L	73
89) Benzo(a)pyrene	14.683	252	9364	31.54	ug/L	98
90) Indeno(1,2,3-cd)pyrene	16.388	276	3887	20.08	ug/L	86
92) Benzo(g,h,i)perylene	16.765	276	4613	16.43	ug/L	65

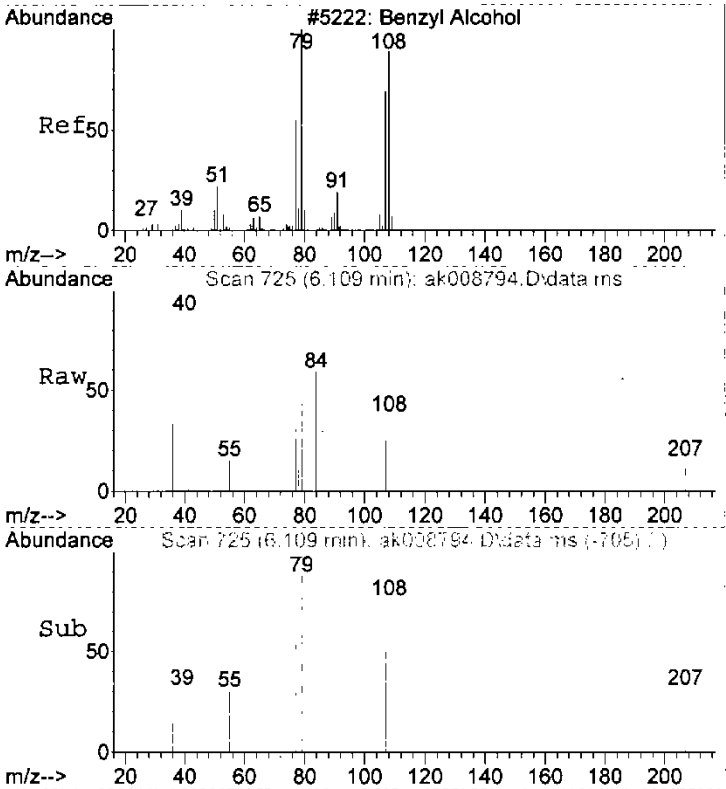
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : G:\DATA\040407_a\ak008794.D Vial: 24
Sample : 580-5407-A-6-C
Misc : BT$S40040407A
Acq On : 5 Apr 2007 2:30 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

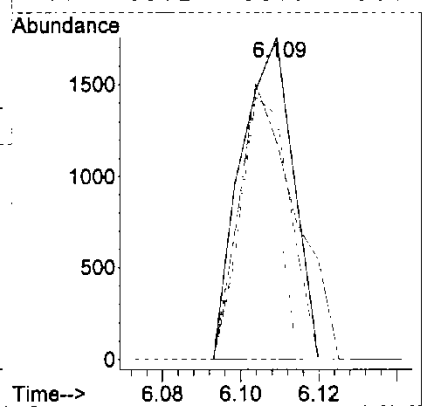


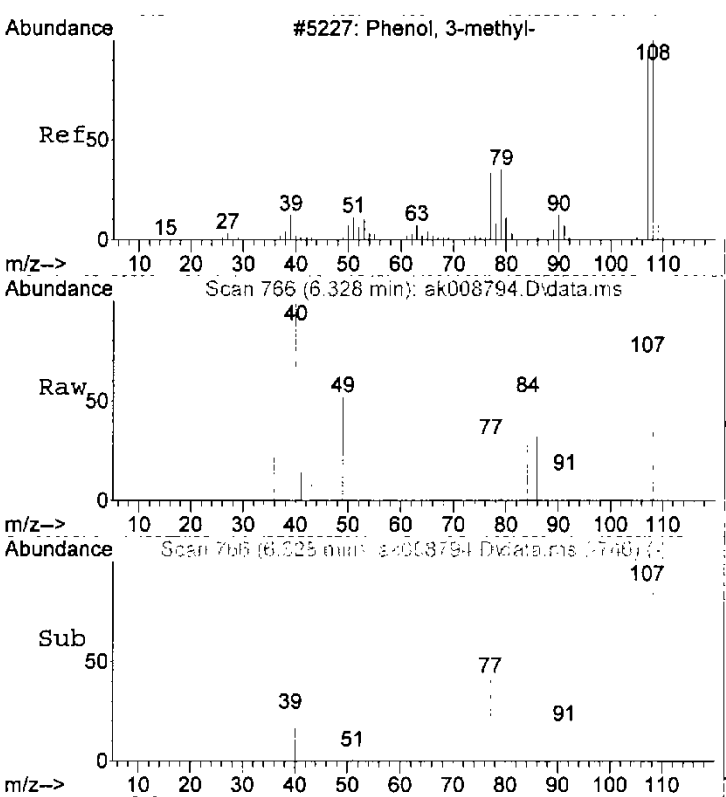


#14
Benzyl alcohol
Concen: 13.44 ug/L
RT: 6.109 min Scan# 725
Delta R.T. 0.006 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion: 79 Resp: 1613

Ion	Ratio	Lower	Upper
79	100		
108	76.1	51.5	111.5
107	50.5	27.7	87.7
77	68.1	35.1	95.1

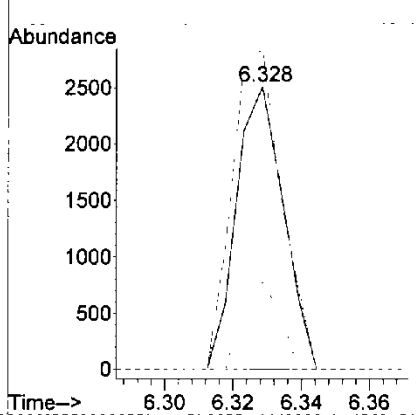


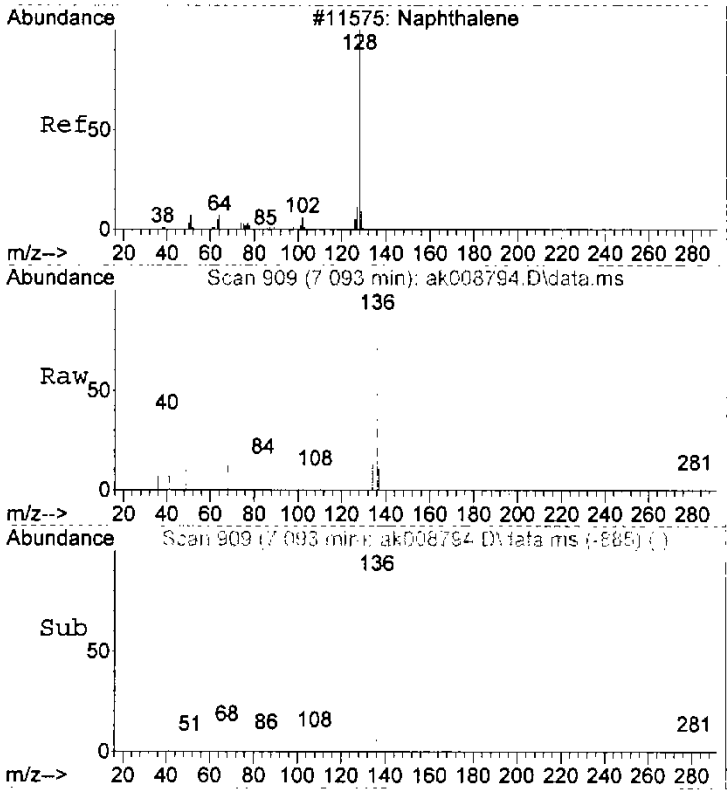


#18
3-&4-Methylphenol
Concen: 22.97 ug/L
RT: 6.328 min Scan# 766
Delta R.T. 0.007 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:108 Resp: 2390

Ion	Ratio	Lower	Upper
108	100		
107	113.4	74.6	134.6
79	31.3	0.0	56.3

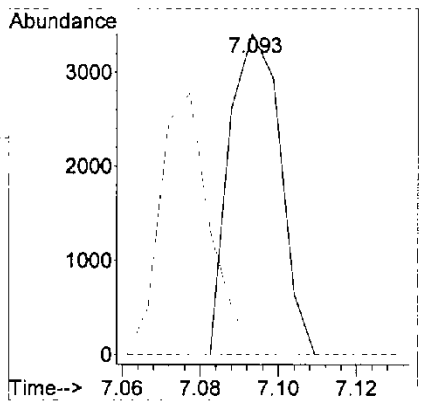


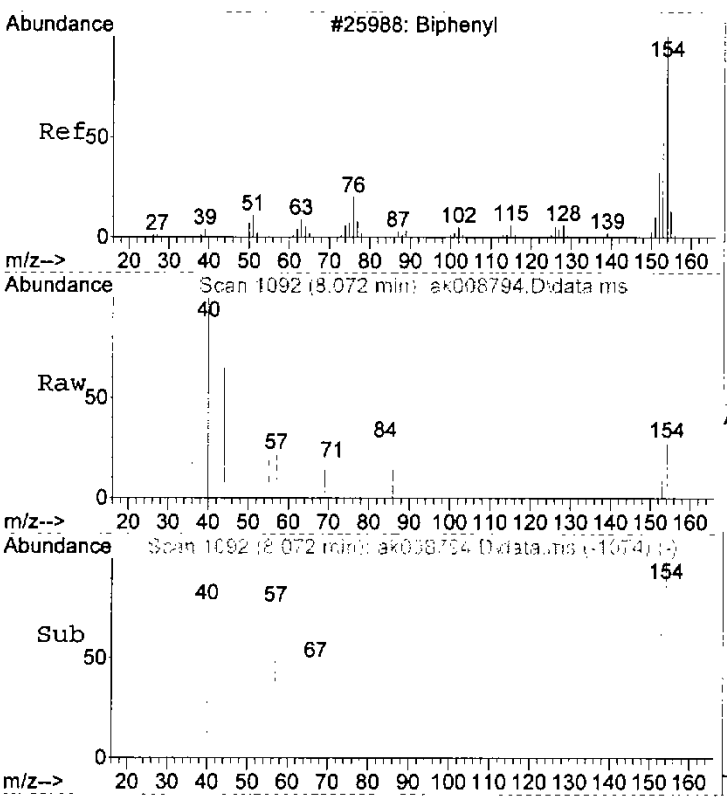


#31
Naphthalene
Concen: 3.72 ug/L
RT: 7.093 min Scan# 909
Delta R.T. -0.002 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:128 Resp: 3085

Ion	Ratio	Lower	Upper
128	100		
102	0.0	0.0	38.5
129	0.0	0.0	41.0

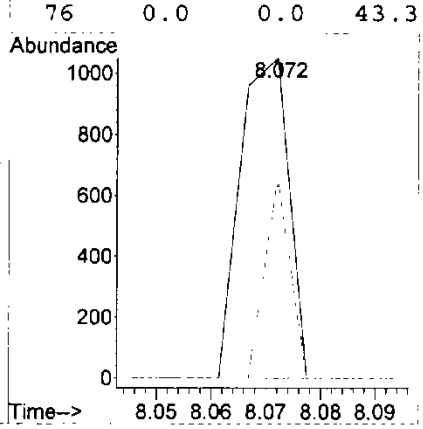


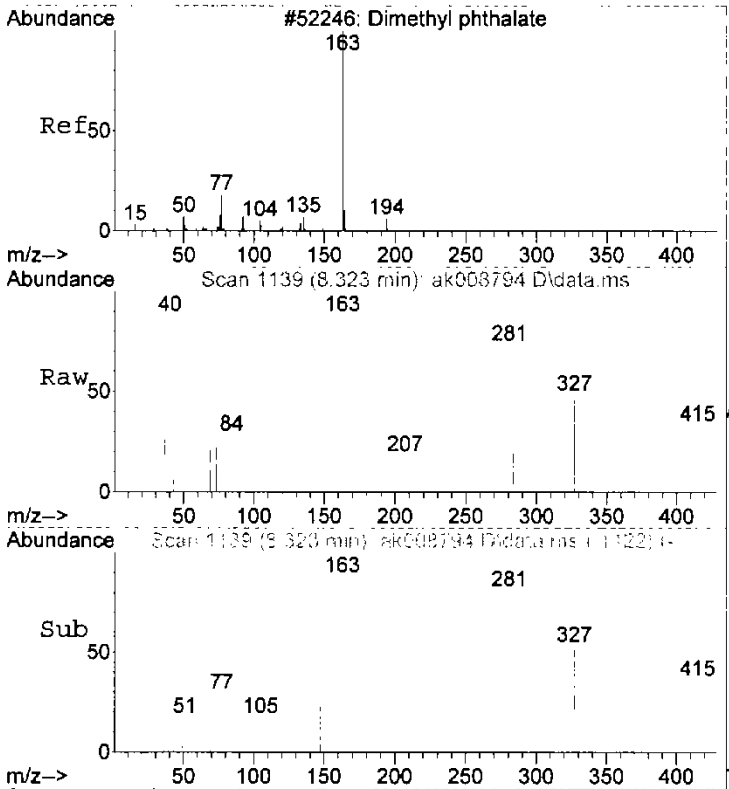


#44
Biphenyl
Concen: 1.06 ug/L
RT: 8.072 min Scan# 1092
Delta R.T. -0.001 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:154 Resp: 645

Ion	Ratio	Lower	Upper
154	100		
153	62.5	8.7	68.7
152	0.0	0.0	57.3
76	0.0	0.0	43.3

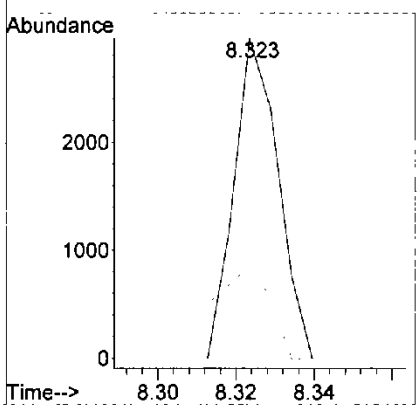


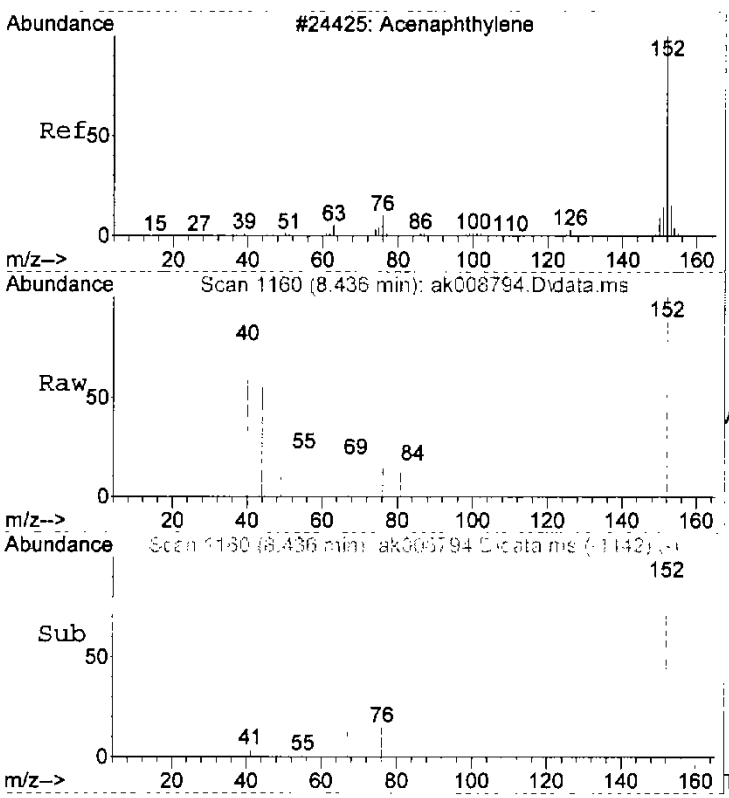


#46
Dimethylphthalate
Concen: 4.77 ug/L
RT: 8.323 min Scan# 1139
Delta R.T. -0.007 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:163 Resp: 2310

Ion	Ratio	Lower	Upper
163	100		
164	0.0	0.0	40.1
77	28.6	0.0	48.6

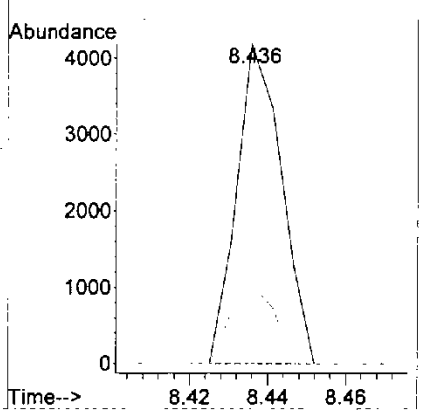


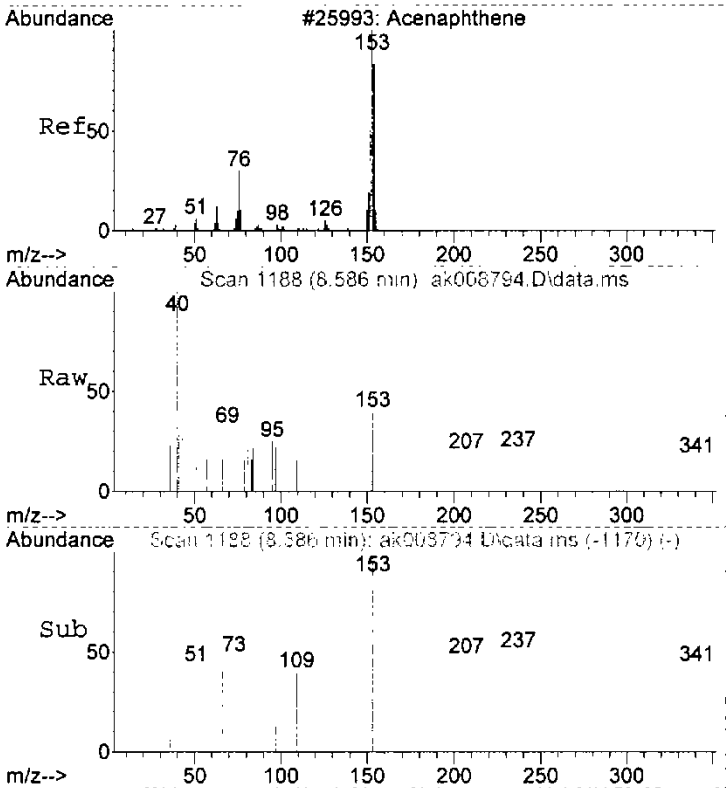


#47
Acenaphthylene
Concen: 4.59 ug/L
RT: 8.436 min Scan# 1160
Delta R.T. -0.004 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:152 Resp: 3338

Ion	Ratio	Lower	Upper
152	100		
151	25.0	0.0	48.7

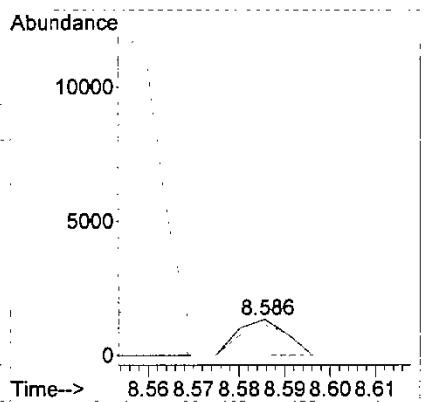


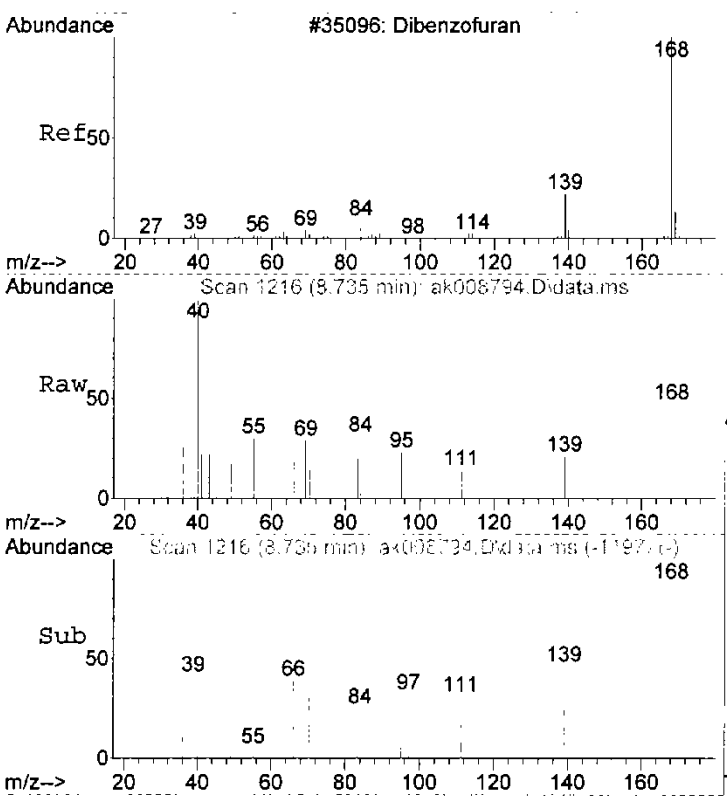


#50
Acenaphthene
Concen: 2.07 ug/L
RT: 8.586 min Scan# 1188
Delta R.T. -0.002 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:153 Resp: 992

Ion	Ratio	Lower	Upper
153	100		
154	85.3	61.8	121.8
76	0.0	0.0	51.1

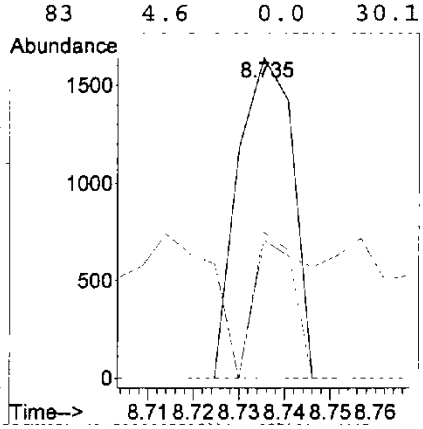




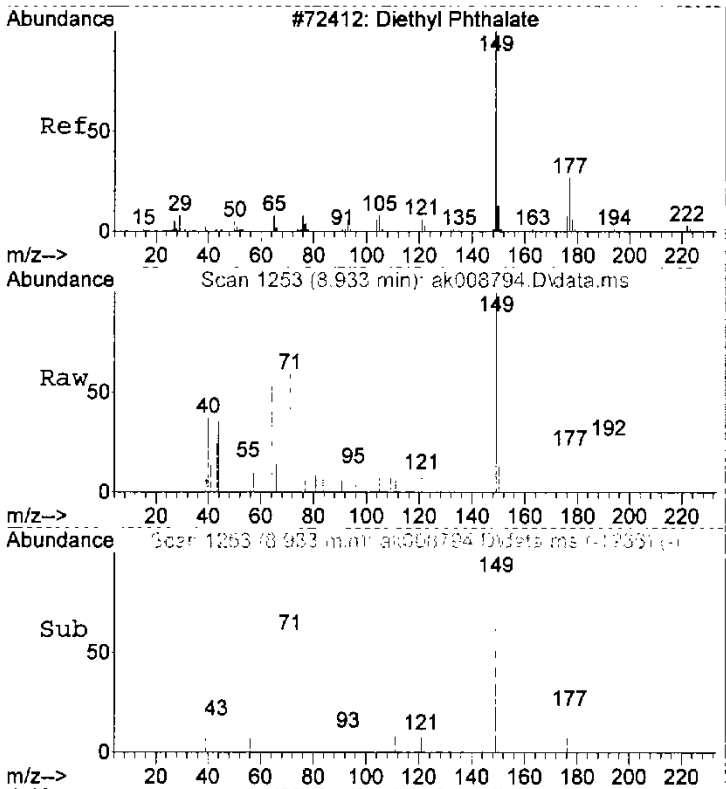
#53
Dibenzofuran
Concen: 2.14 ug/L
RT: 8.735 min Scan# 1216
Delta R.T. 0.000 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:168 Resp: 1362

Ion	Ratio	Lower	Upper
168	100		
139	45.6	7.1	67.1
169	0.0	0.0	43.3
83	4.6	0.0	30.1



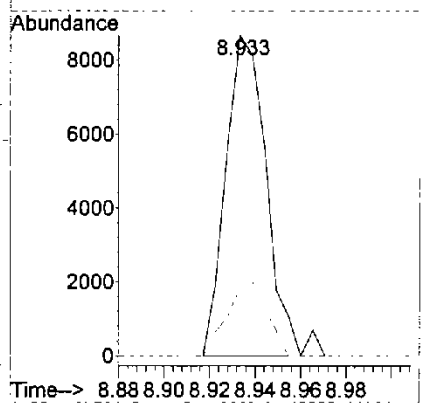
Page 339 of 671

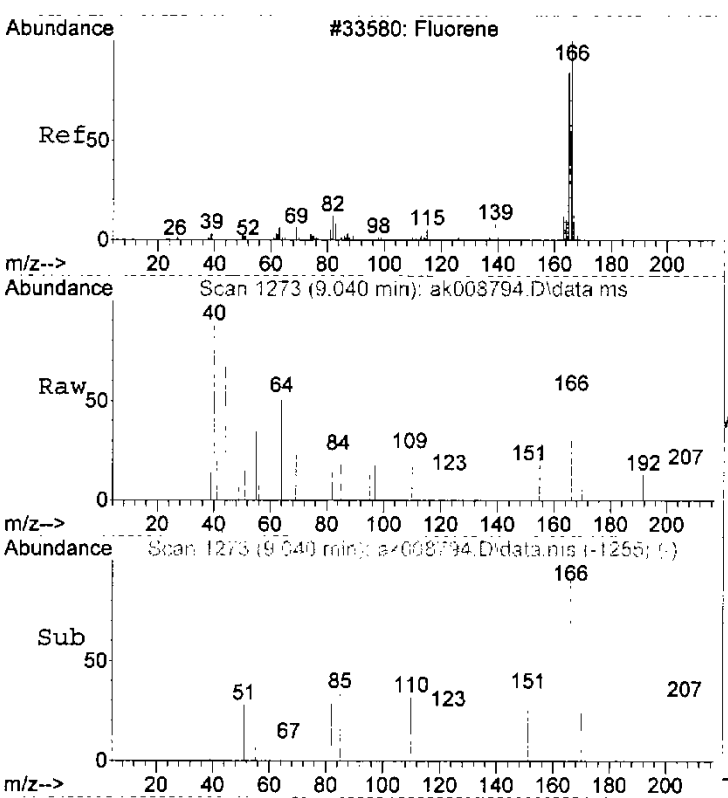


#57
Diethylphthalate
Concen: 14.25 ug/L
RT: 8.933 min Scan# 1253
Delta R.T. -0.010 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:149 Resp: 10787

Ion	Ratio	Lower	Upper
149	100		
177	21.2	0.0	49.3

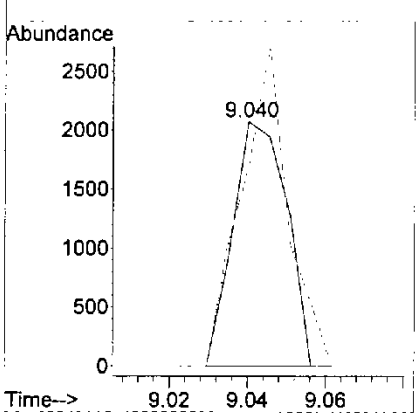


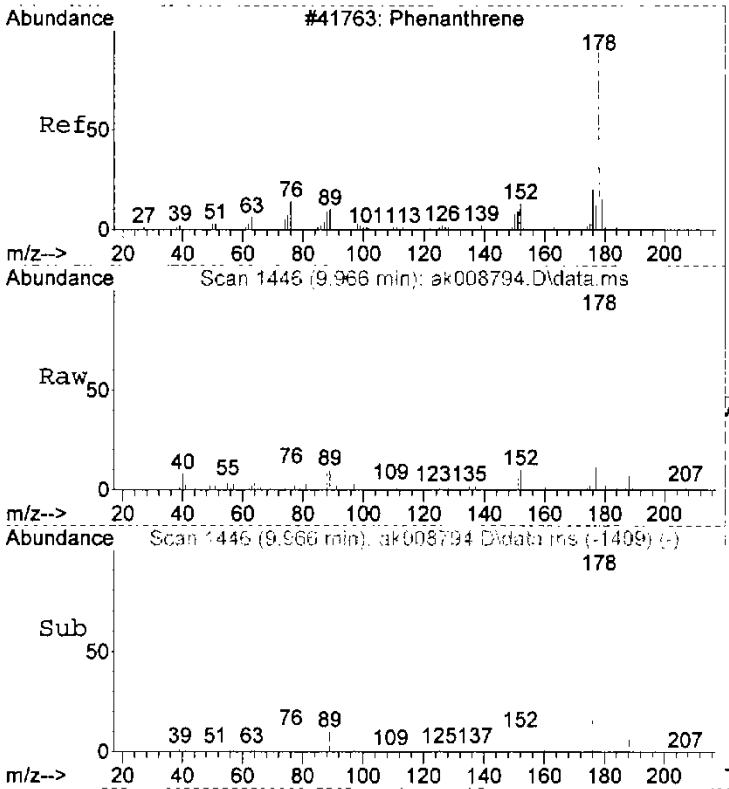


#58
Fluorene
Concen: 4.15 ug/L
RT: 9.040 min Scan# 1273
Delta R.T. -0.002 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:166 Resp: 1977

Ion	Ratio	Lower	Upper
166	100		
165	81.4	65.6	125.6

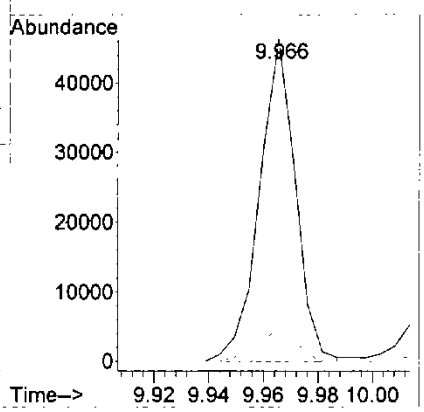


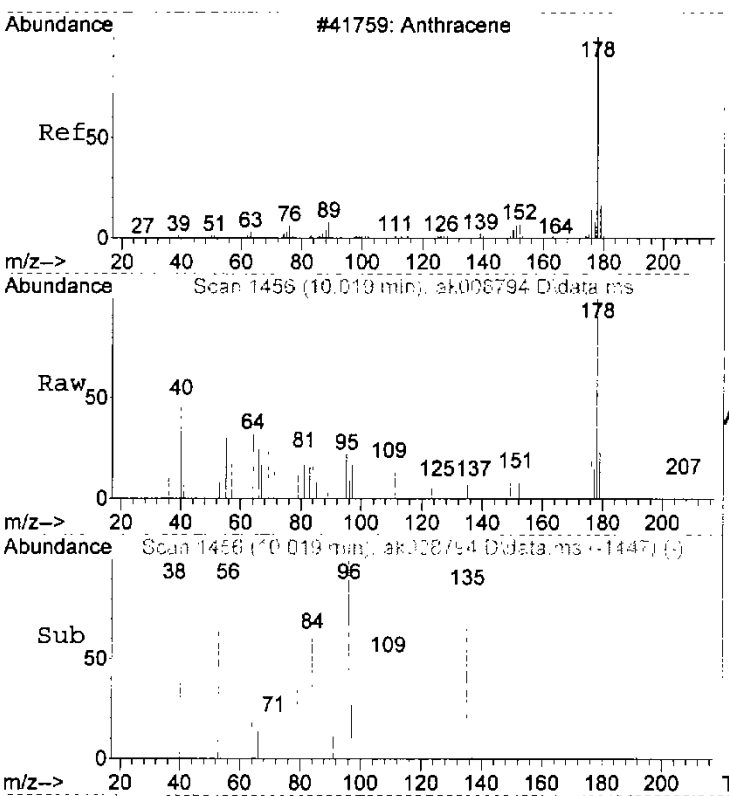


#69
Phenanthrene
Concen: 63.28 ug/L
RT: 9.966 min Scan# 1446
Delta R.T. 0.000 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:178 Resp: 42277

Ion	Ratio	Lower	Upper
178	100		
152	10.2	0.0	43.2

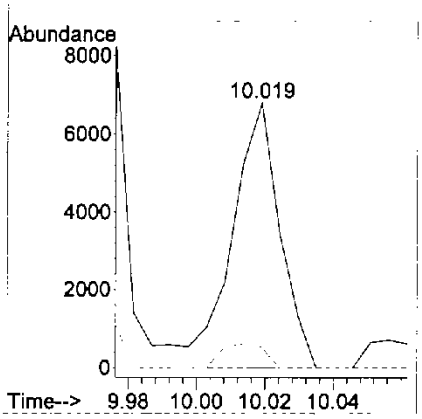


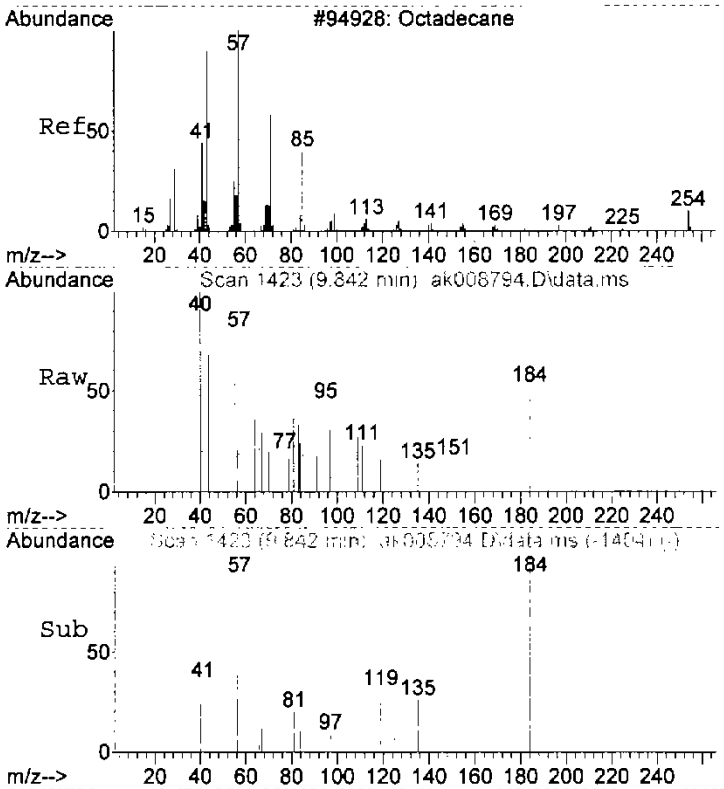


#70
Anthracene
Concen: 10.75 ug/L
RT: 10.019 min Scan# 1456
Delta R.T. 0.000 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:178 Resp: 6411

Ion	Ratio	Lower	Upper
178	100		
152	8.1	0.0	36.8

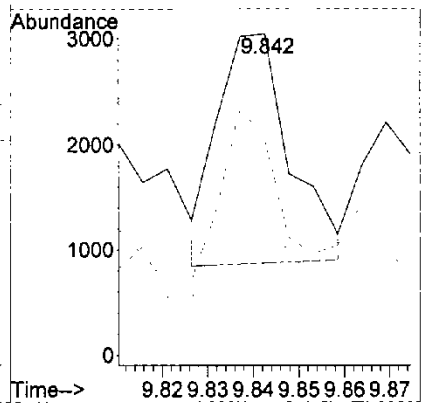


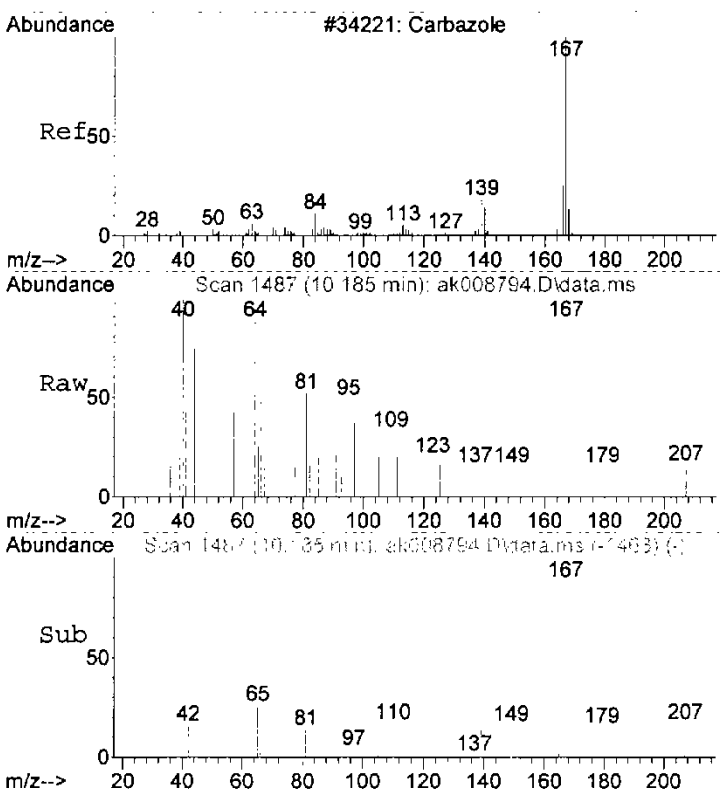


#71
Octadecane
Concen: 9.68 ug/L
RT: 9.842 min Scan# 1423
Delta R.T. 0.000 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion: 57 Resp: 2410

Ion	Ratio	Lower	Upper
57	100		
71	64.4	28.0	88.0
85	15.6	9.7	69.7

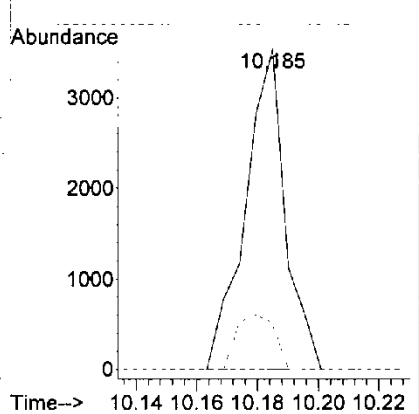


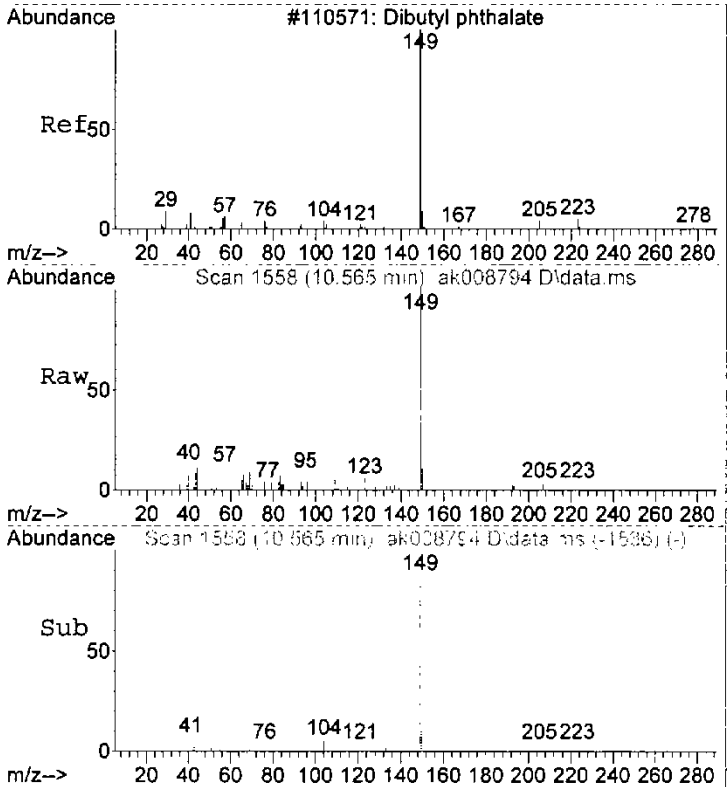


#72
Carbazole
Concen: 7.13 ug/L
RT: 10.185 min Scan# 1487
Delta R.T. 0.005 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:167 Resp: 3226

Ion	Ratio	Lower	Upper
167	100		
139	14.4	0.0	47.5

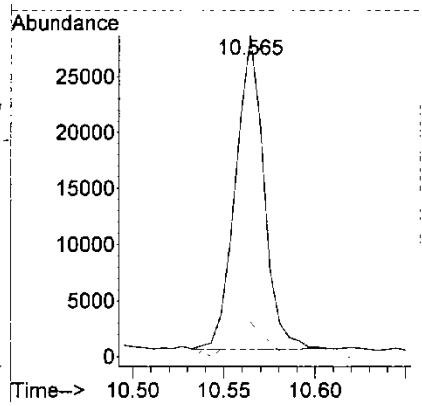


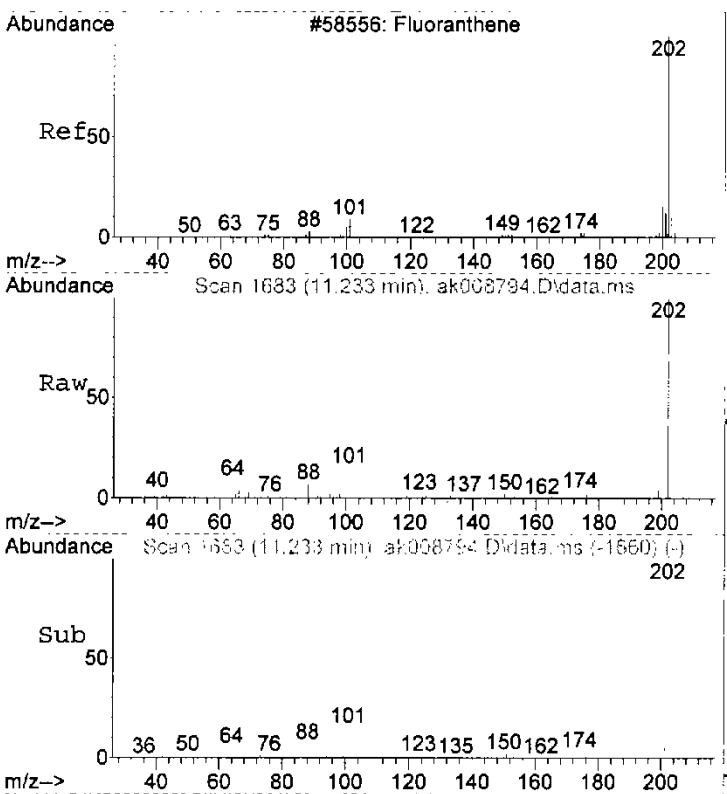


#73
Di-n-butylphthalate
Concen: 36.37 ug/L
RT: 10.565 min Scan# 1558
Delta R.T. -0.010 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:149 Resp: 30307

Ion	Ratio	Lower	Upper
149	100		
150	11.1	0.0	39.0

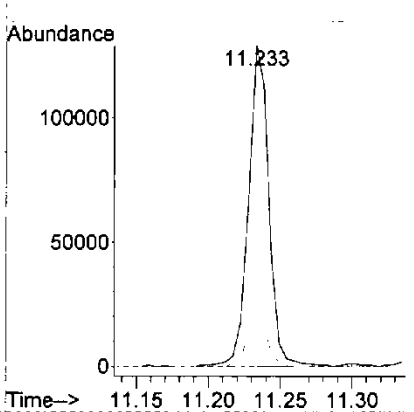


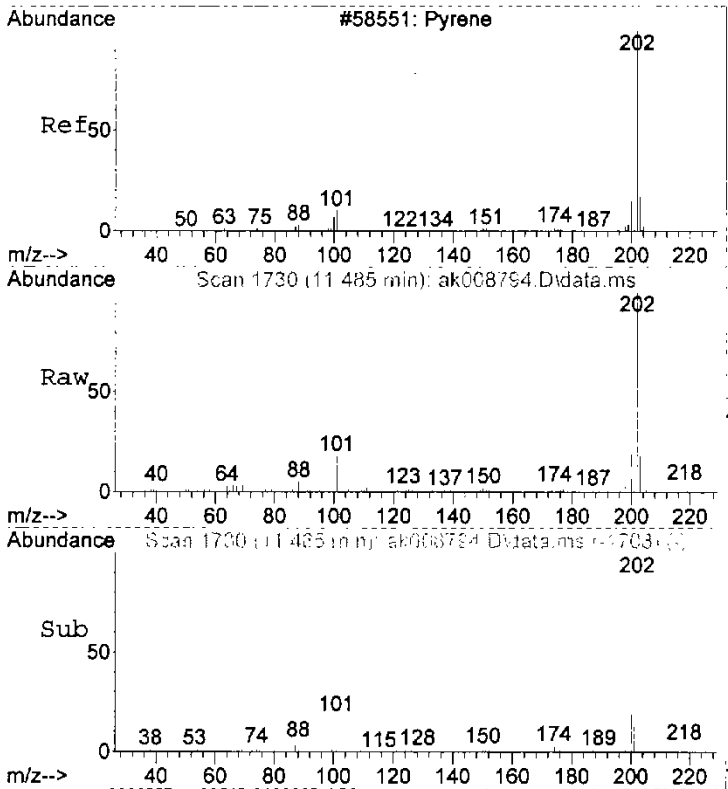


#74
Fluoranthene
Concen: 217.66 ug/L
RT: 11.233 min Scan# 1683
Delta R.T. -0.005 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:202 Resp: 127342

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	44.4

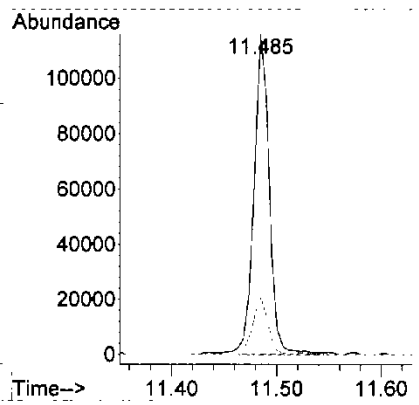


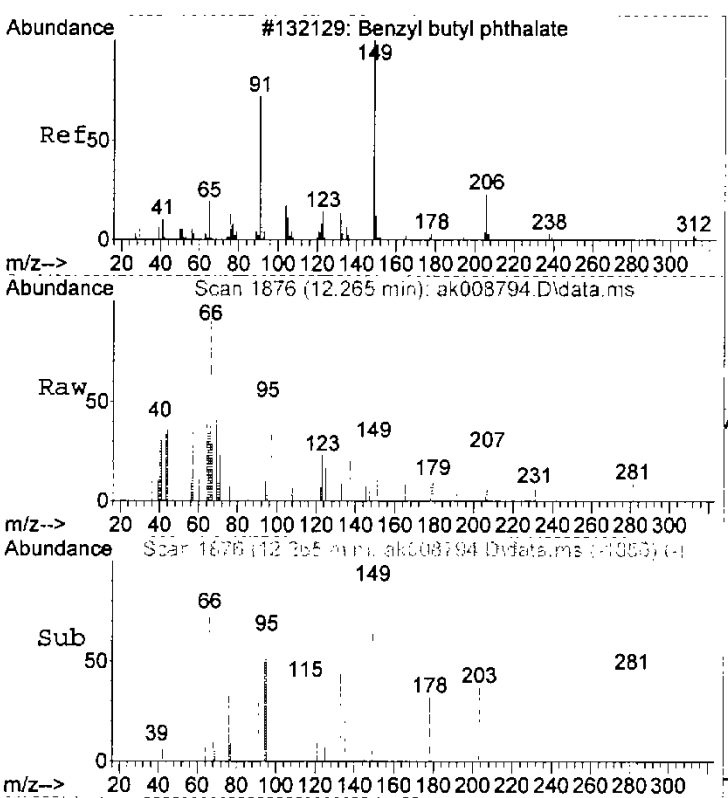


#75
Pyrene
Concen: 190.47 ug/L
RT: 11.485 min Scan# 1730
Delta R.T. -0.010 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:202 Resp: 118283

Ion	Ratio	Lower	Upper
202	100		
101	17.8	0.0	46.9

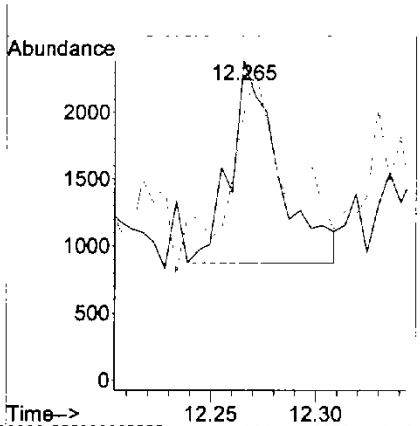


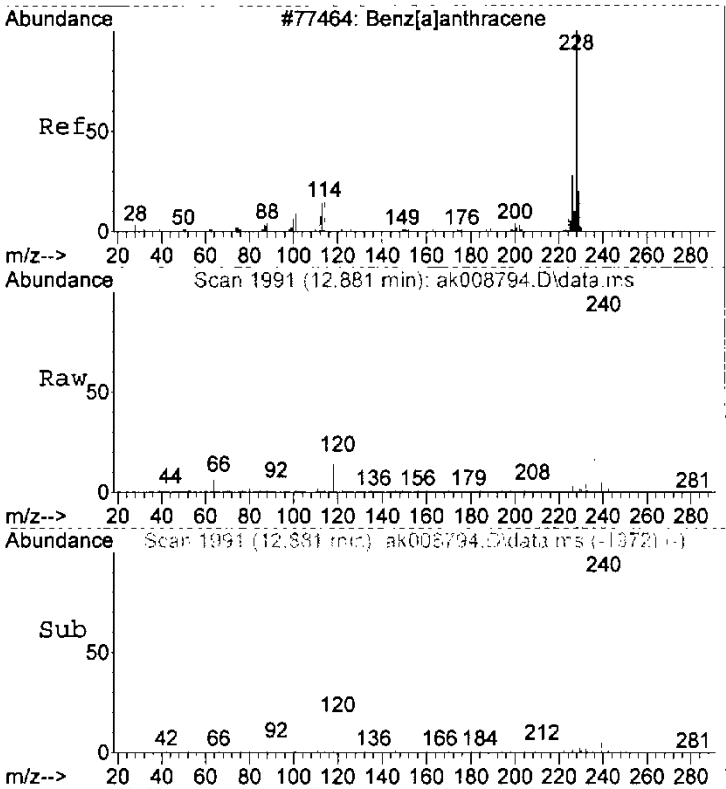


#79
Butylbenzylphthalate
Concen: 71.74 ug/L
RT: 12.265 min Scan# 1876
Delta R.T. 0.005 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:149 Resp: 2400

Ion	Ratio	Lower	Upper
149	100		
91	58.6	34.7	94.7

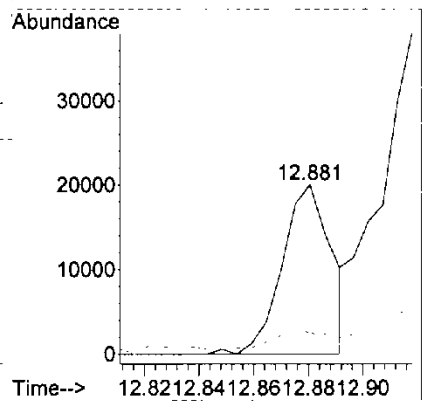


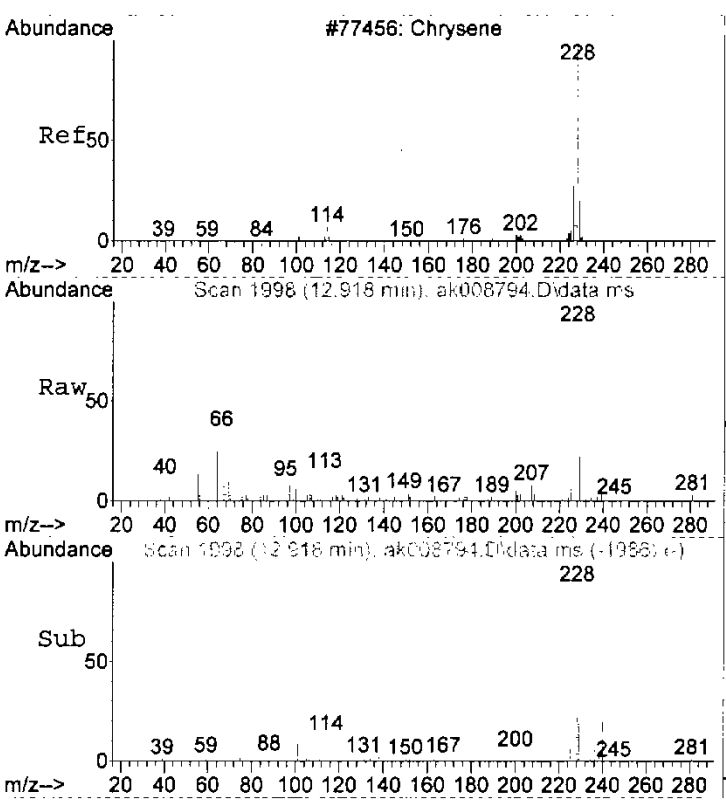


#80
Benzo(a)anthracene
Concen: 61.45 ug/L
RT: 12.881 min Scan# 1991
Delta R.T. -0.000 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:228 Resp: 24906

Ion	Ratio	Lower	Upper
228	100		
113	7.1	0.0	41.7

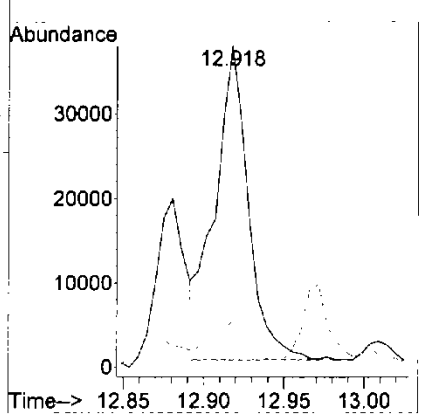


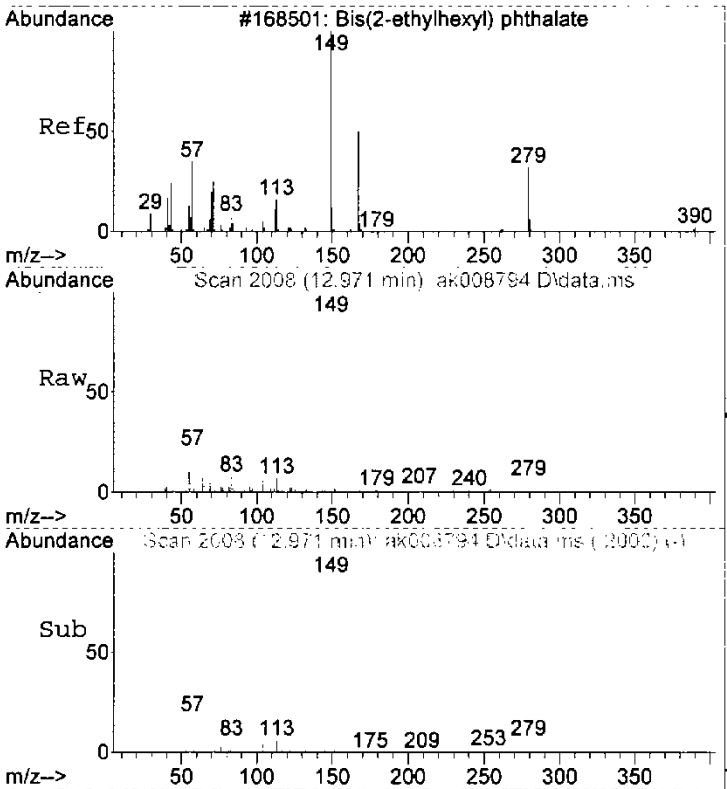


#82
Chrysene
Concen: 133.42 ug/L
RT: 12.918 min Scan# 1998
Delta R.T. -0.000 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:228 Resp: 54447

Ion	Ratio	Lower	Upper
228	100		
113	8.6	0.0	44.5

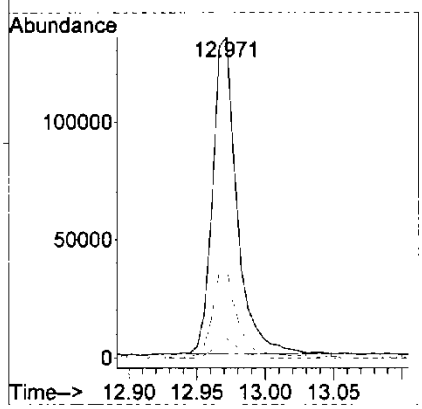


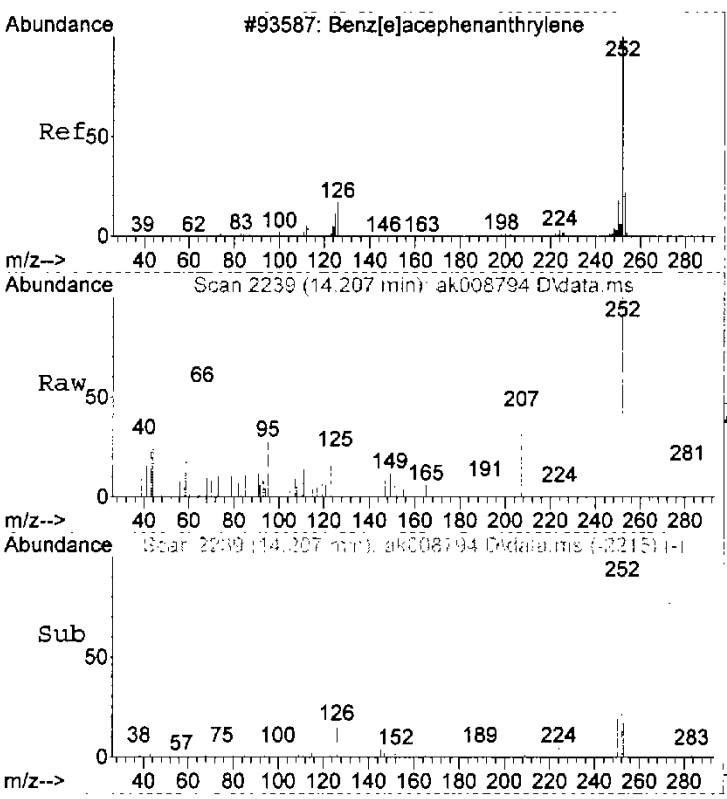


#83
bis(2-Ethylhexyl)phthalate
Concen: 551.91 ug/L
RT: 12.971 min Scan# 2008
Delta R.T. -0.059 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:149 Resp: 165447

Ion	Ratio	Lower	Upper
149	100		
167	28.7	0.4	60.4
279	6.1	0.0	35.8

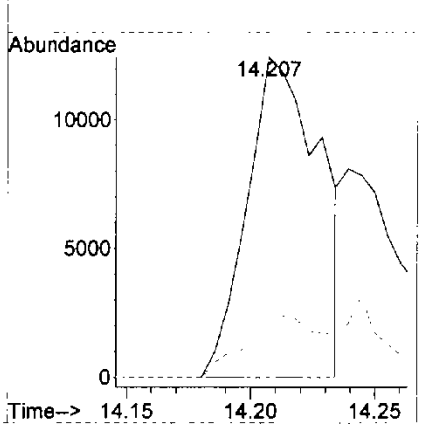


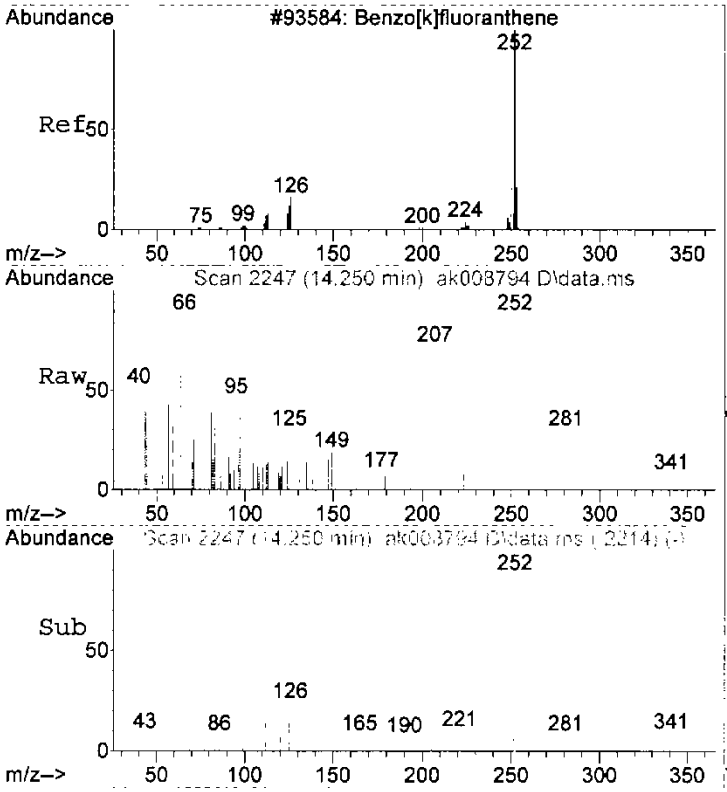


#86
Benzo(b)fluoranthene
Concen: 67.36 ug/l
RT: 14.207 min Scan# 2239
Delta R.T. -0.001 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:252 Resp: 25188

Ion	Ratio	Lower	Upper
252	100		
126	20.8	0.0	46.6

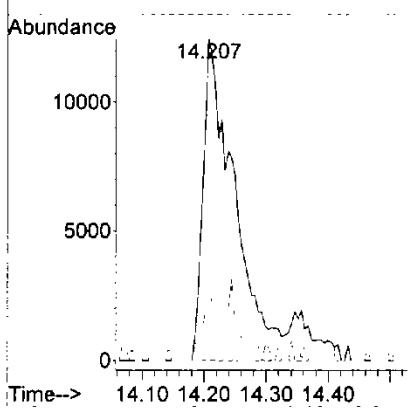


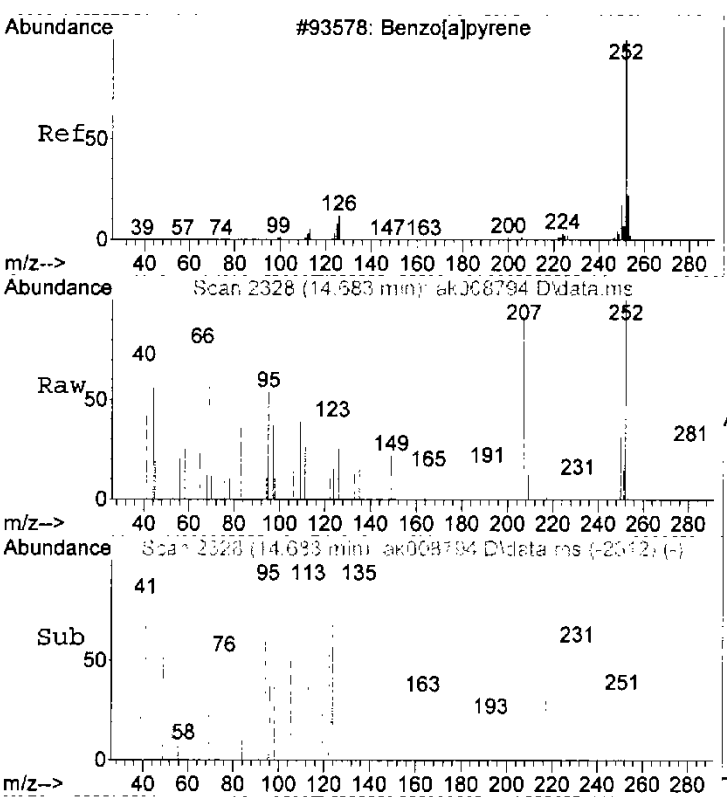


#88
Benzofluoranthenes
Concen: 137.18 ug/L
RT: 14.250 min Scan# 2247
Delta R.T. -0.032 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:252 Resp: 48701

Ion	Ratio	Lower	Upper
252	100		
126	25.0	0.0	44.0

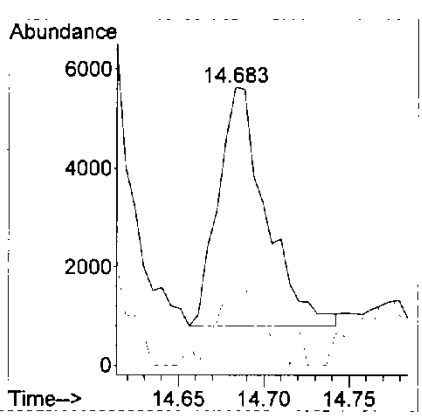


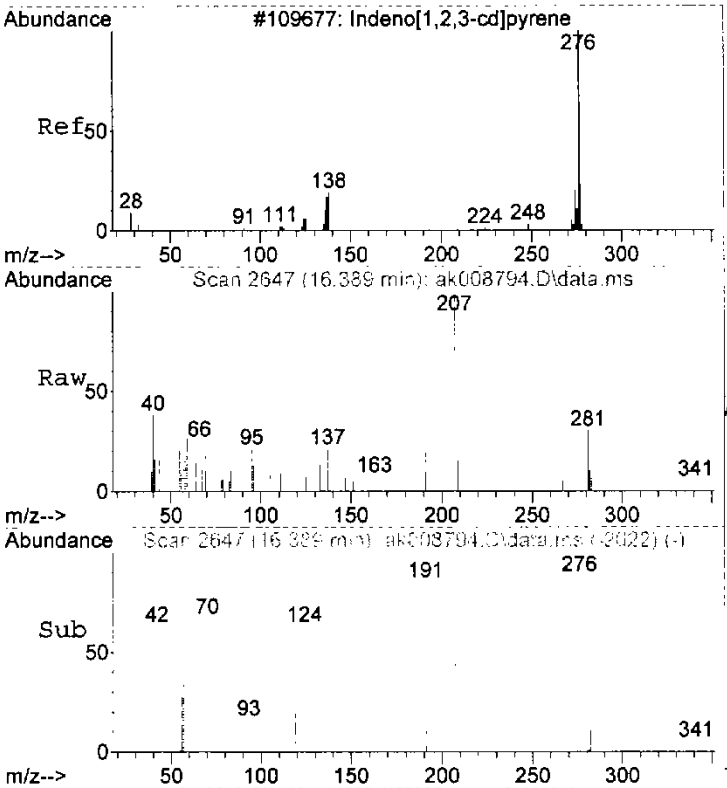


#89
Benzo(a)pyrene
Concen: 31.54 ug/L
RT: 14.683 min Scan# 2328
Delta R.T. -0.013 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:252 Resp: 9364

Ion	Ratio	Lower	Upper
252	100		
126	17.3	0.0	46.5

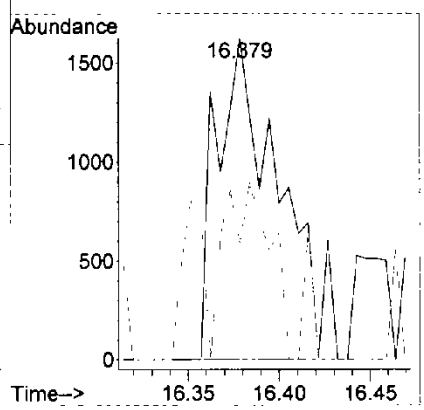


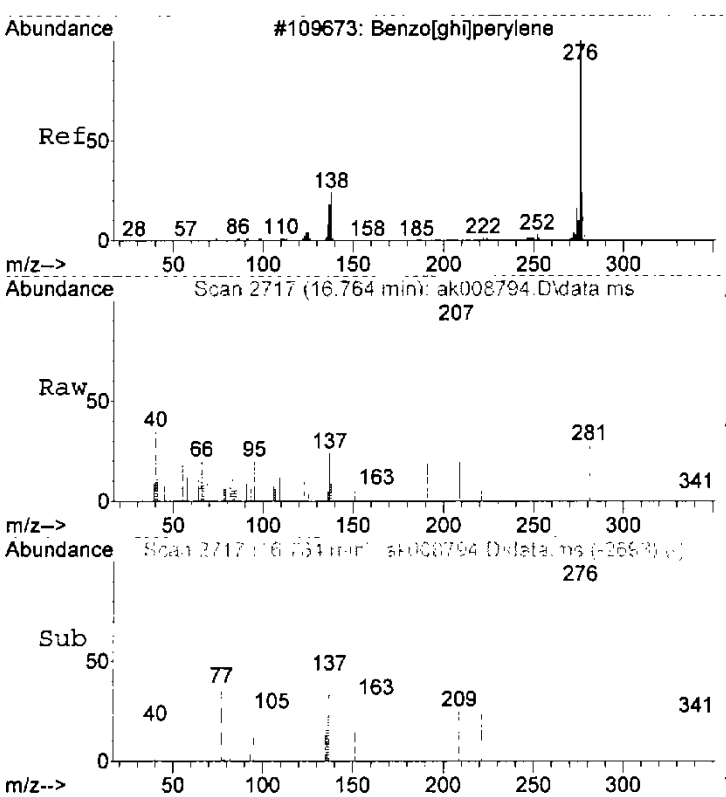


#90
Indeno(1,2,3-cd)pyrene
Concen: 20.08 ug/L
RT: 16.388 min Scan# 2647
Delta R.T. -0.008 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:276 Resp: 3887

Ion	Ratio	Lower	Upper
276	100		
138	35.1	0.0	57.8

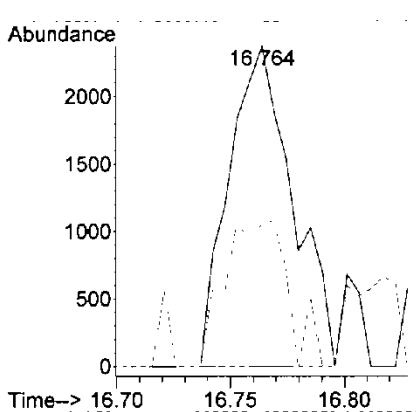




#92
Benzo(g,h,i)perylene
Concen: 16.43 ug/L
RT: 16.765 min Scan# 2717
Delta R.T. -0.009 min
Lab File: ak008794.D
Acq: 5 Apr 2007 2:30

Tgt Ion:276 Resp: 4613

Ion	Ratio	Lower	Upper
276	100		
138	44.4	0.0	56.4



Data File Name ak008794.D
Data File Path G:\DATA\040407_a\
Operator CLZ
Date Acquired 4/5/2007 2:30
Sample Name 580-5407-A-6-C
Vial Number 24

#	Name	Target Response	ICAL response		%
1)	1,4-Dichlorobenzene-d4 (I)	189100	184055		103%
21)	Naphthalene - d8 (I)	729073	713915		102%
37)	Acenaphthene - d10 (I)	364337		359759	101%
61)	Phenanthrene - d10 (I)	547883		535020	102%
78)	Chrysene - d12 (I)	366440		315876	116%
84)	Perylene - d12 (I)	264395		181603	146%

Pass/Fail
PASS
PASS
PASS
PASS
PASS
PASS

INITIAL CALIBRATION

Sequence Log

irectory : g:\DATA\040407_a

	Filename	Sample Name	Date/Time
	ak008769.d	dftpp	04/04/07 15:34
	ak008770.d	20 ug/l 8270 ical std no 1281-42-1	04/04/07 15:50
	ak008771.d	50 ug/l 8270 ical std no 1281-42-2	04/04/07 16:17
	ak008772.d	100 ug/l 8270 ical std no 1281-42-3	04/04/07 16:44
	ak008773.d	200 ug/l 8270 ical std no 1281-42-4	04/04/07 17:11
	ak008774.d	500 ug/l 8270 ical std no 1281-42-5	04/04/07 17:38
	ak008775.d	1000 ug/l 8270 ical std no 1281-42-6	04/04/07 18:06
	ak008776.d	1500 ug/l 8270 ical std no 1281-42-7	04/04/07 18:33
	ak008777.d	2000 ug/l 8270 ical std no 1281-42-8	04/04/07 19:00
0	ak008778.d	2500 ug/l 8270 ical std no 1281-42-9	04/04/07 19:27
1	ak008779.d	5000 ug/l 8270 ical std no 1281-42-10	04/04/07 19:54
2	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	

270_040407.M Fri Apr 06 08:37:50 2007

Response Factor 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

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

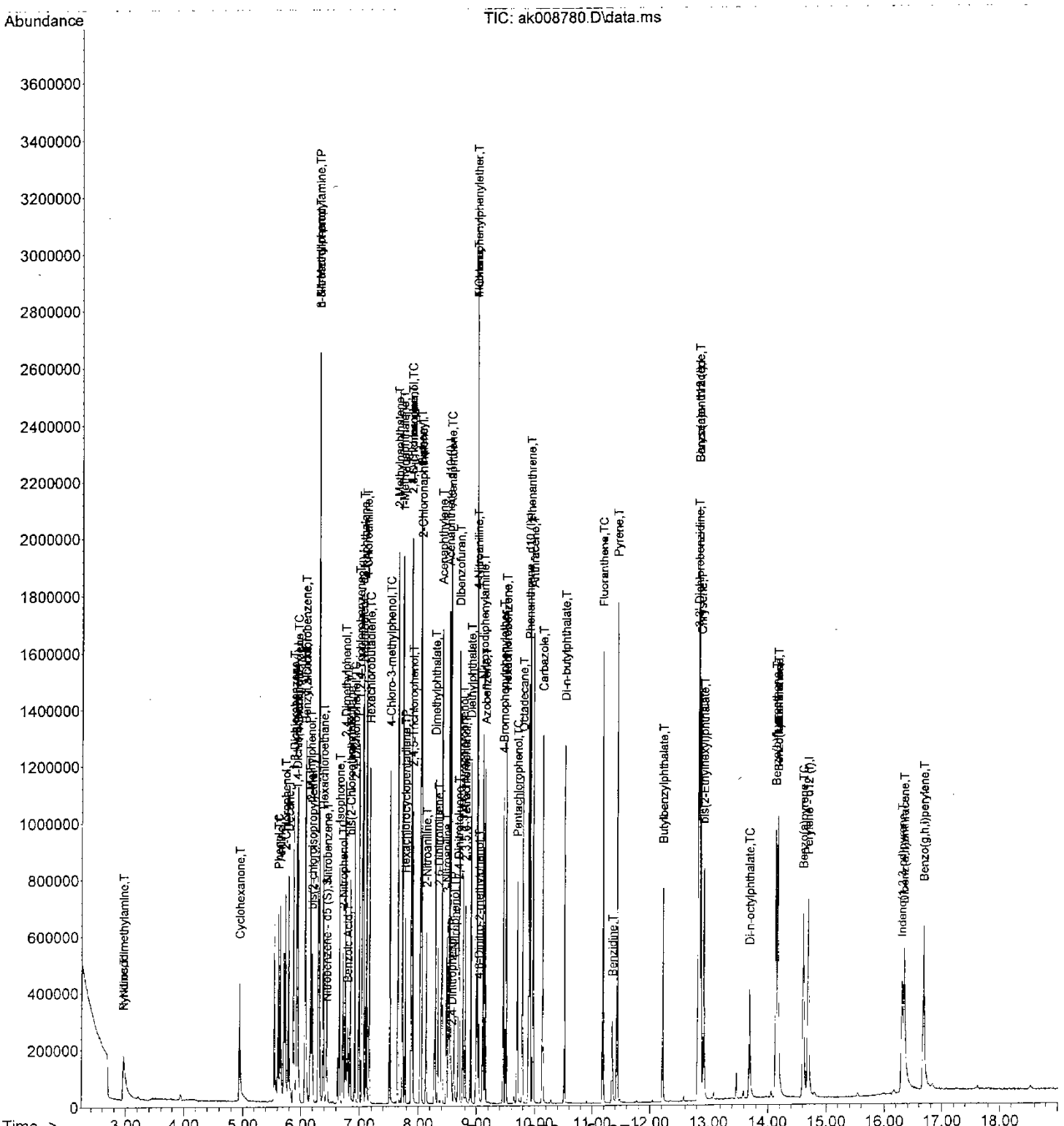
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 2-Nitroaniline	8.136	138	110783	1077.87 ug/L	97
46) Dimethylphthalate	8.286	163	439860	1005.91 ug/L	100
47) Acenaphthylene	8.398	152	642173	976.18 ug/L	100
48) 2,6-Dinitrotoluene	8.340	165	80071	799.42 ug/L	94
49) 3-Nitroaniline	8.479	138	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



8270_040407.M Fri Apr 06 08:19:10 2007 Page: 3

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

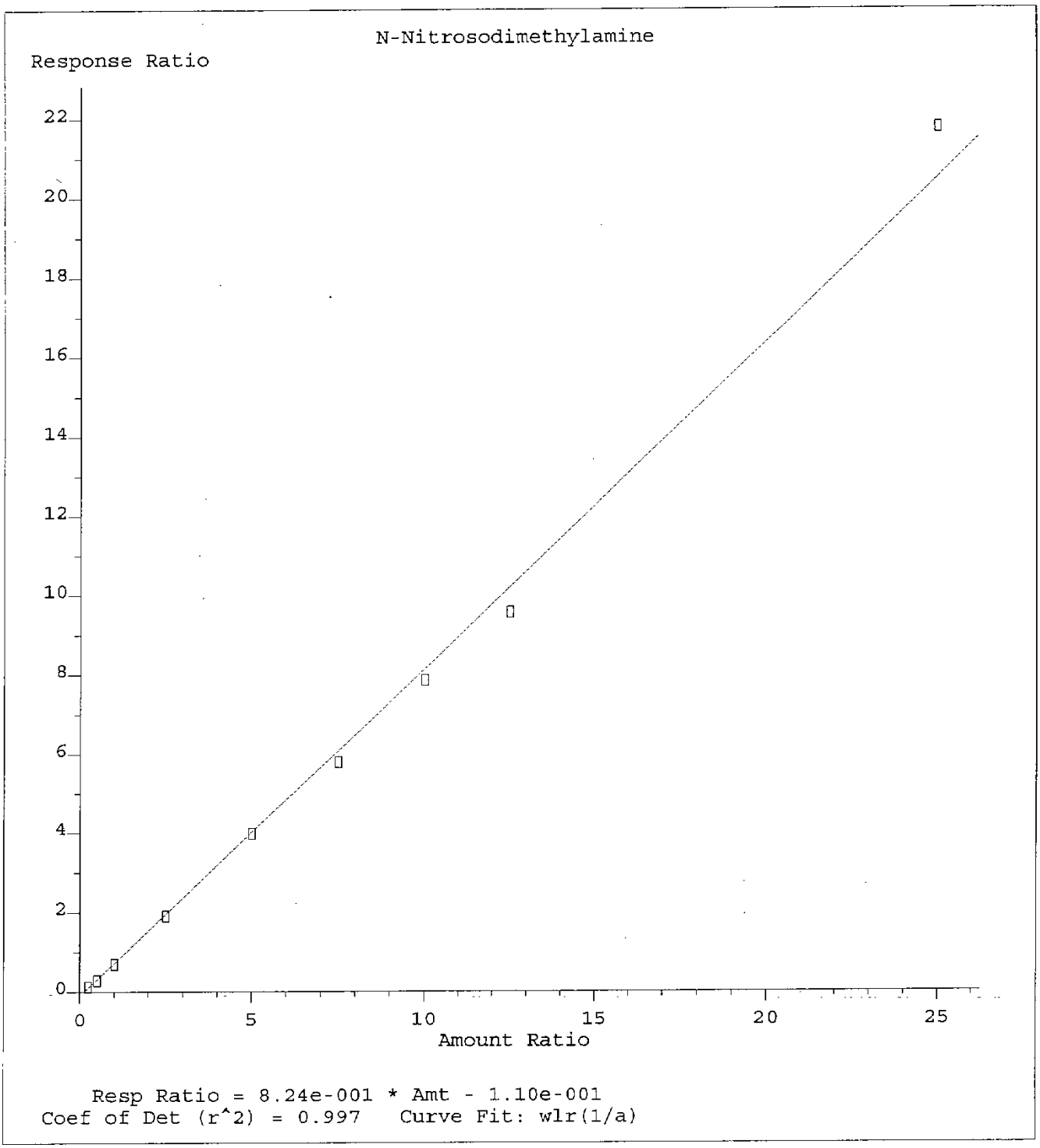
Data File : G:\DATA\040407_a\ak008780.D Vial: 12
Sample : 1000 ug/l 8270 ocs std no 1281-43-1
Misc :
Acq On : 4 Apr 2007 20:23 Operator: CLZ
InstName : sea040

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

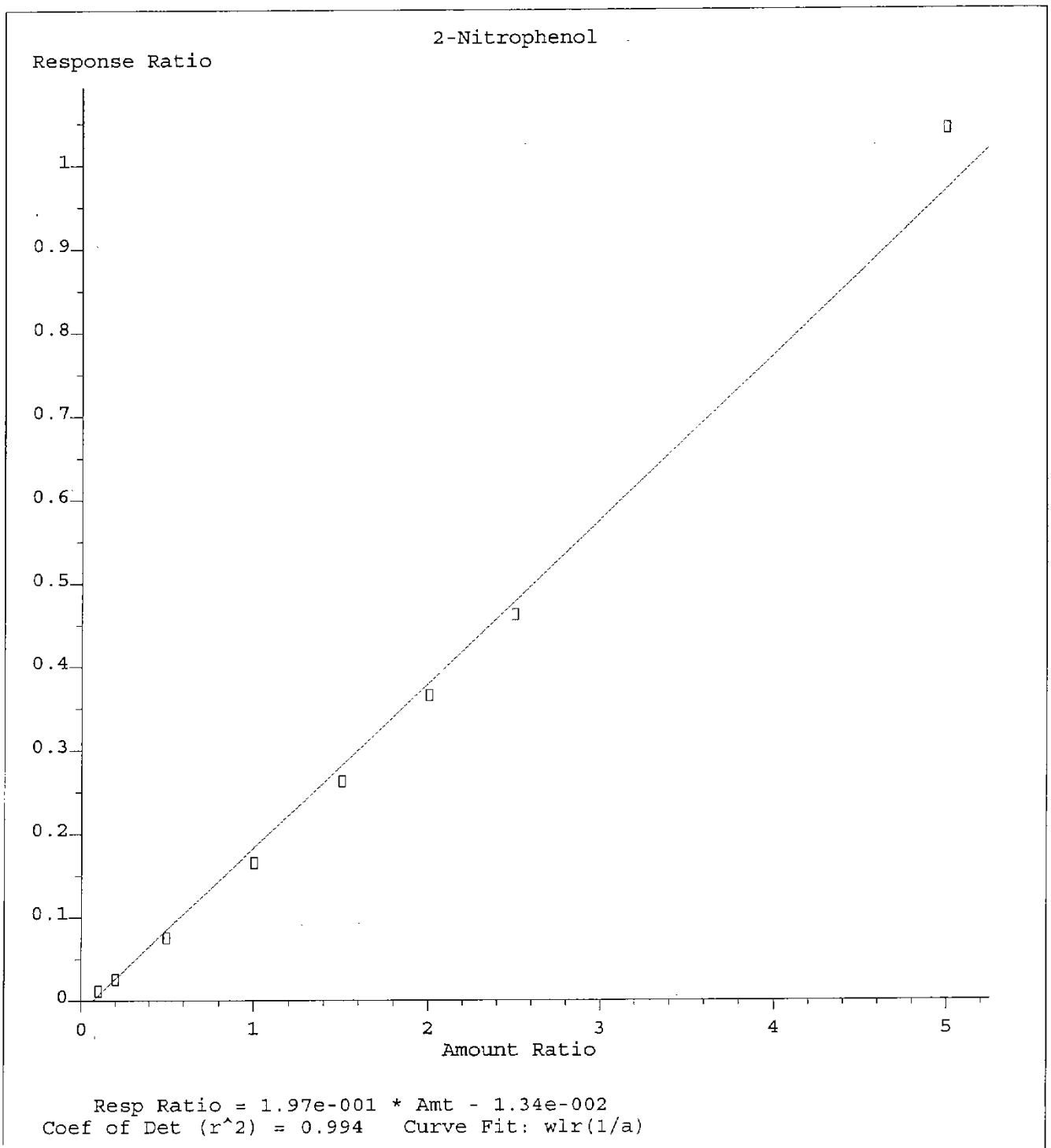
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

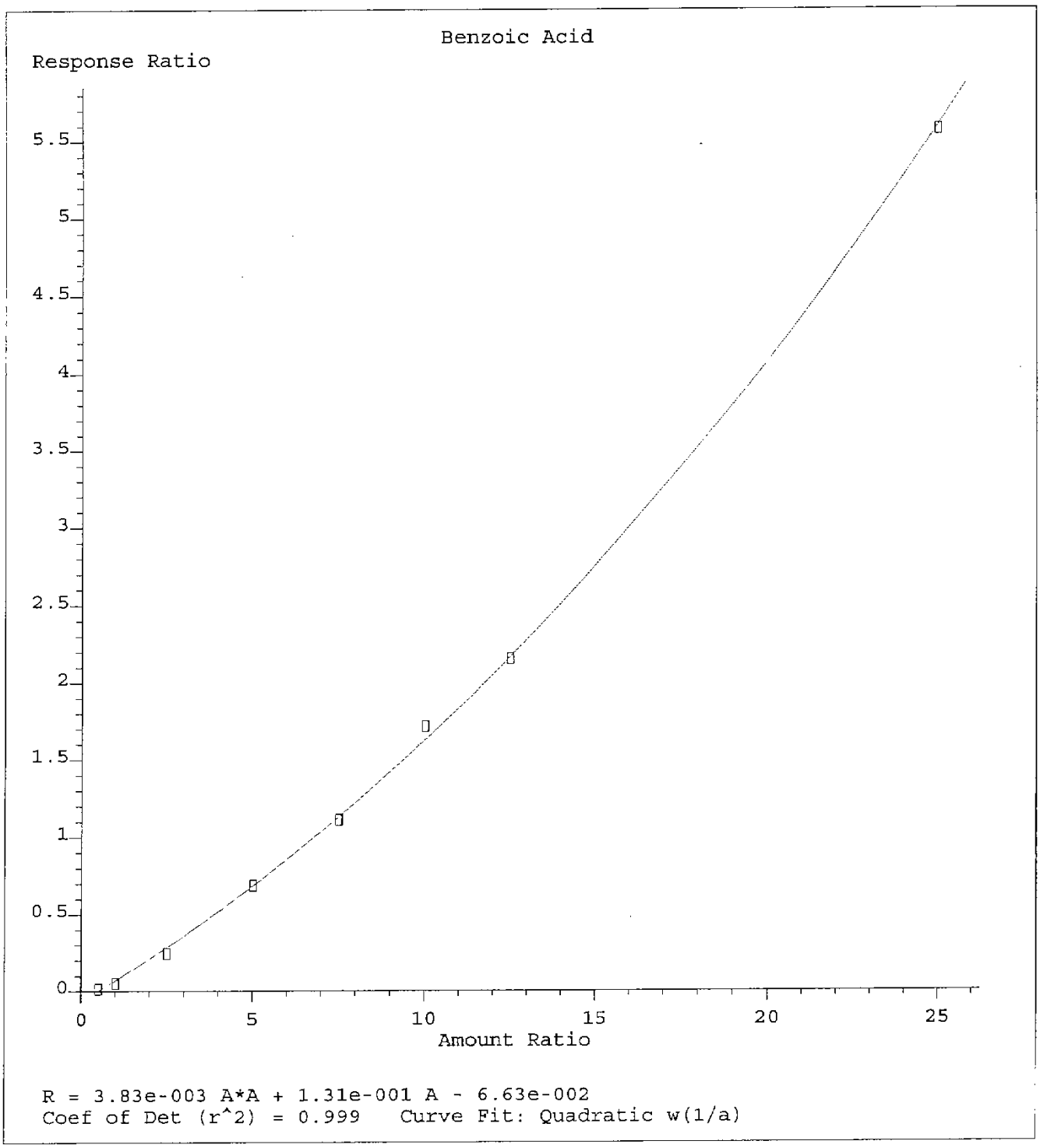
(#) = Out of Range SPCC's out = 0 CCC's out = 0



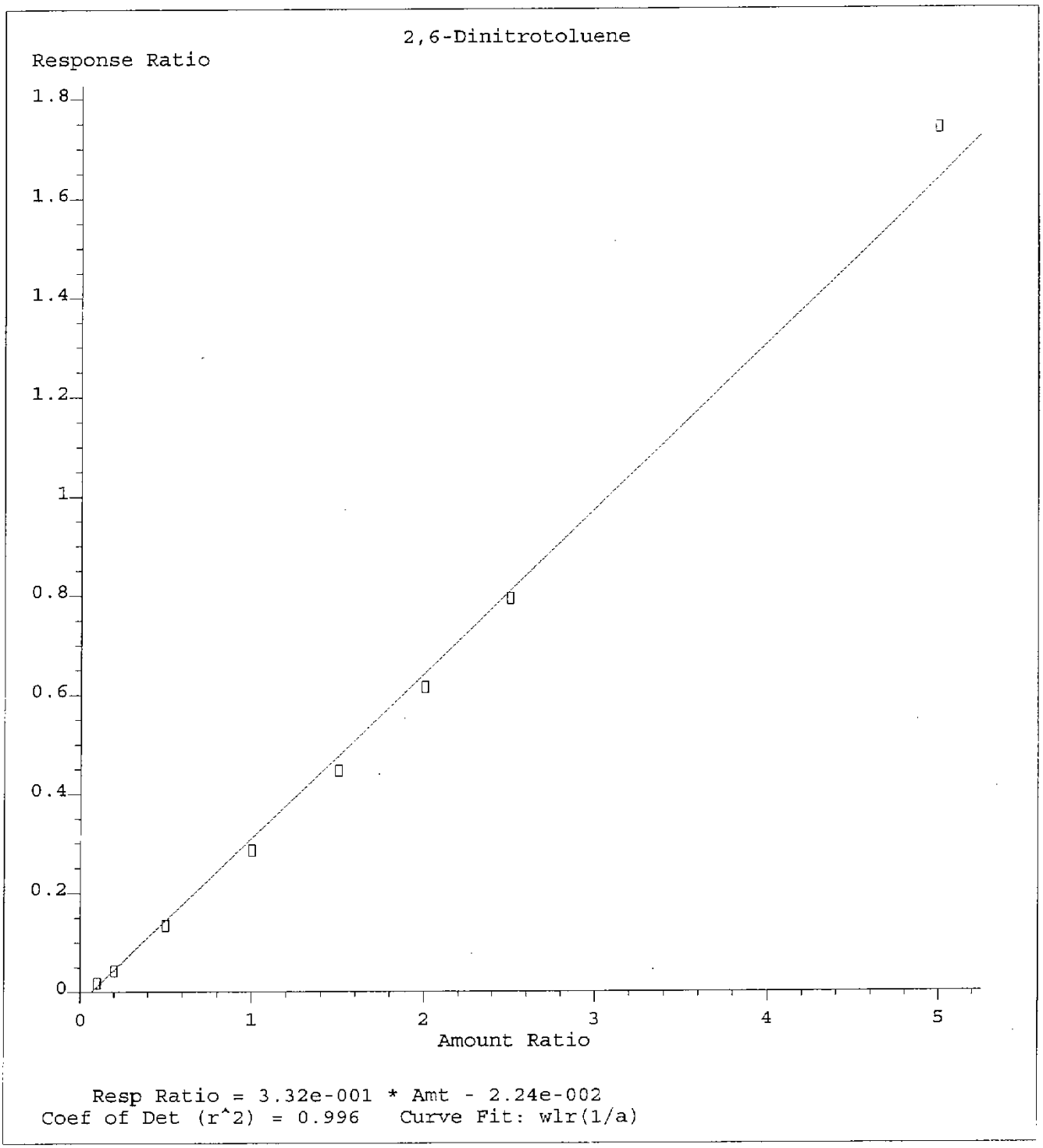
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:18:48 2007



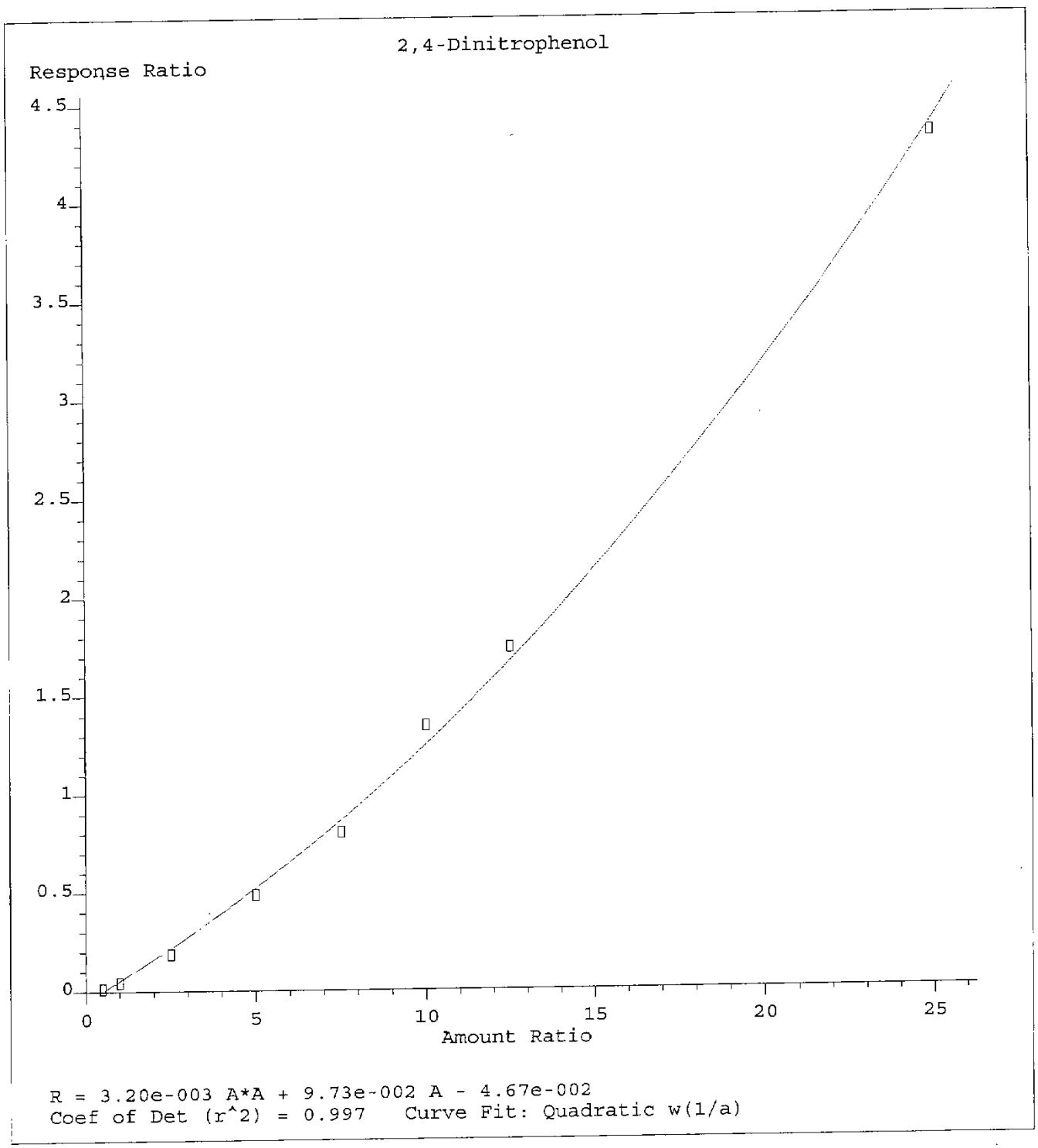
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:23:17 2007



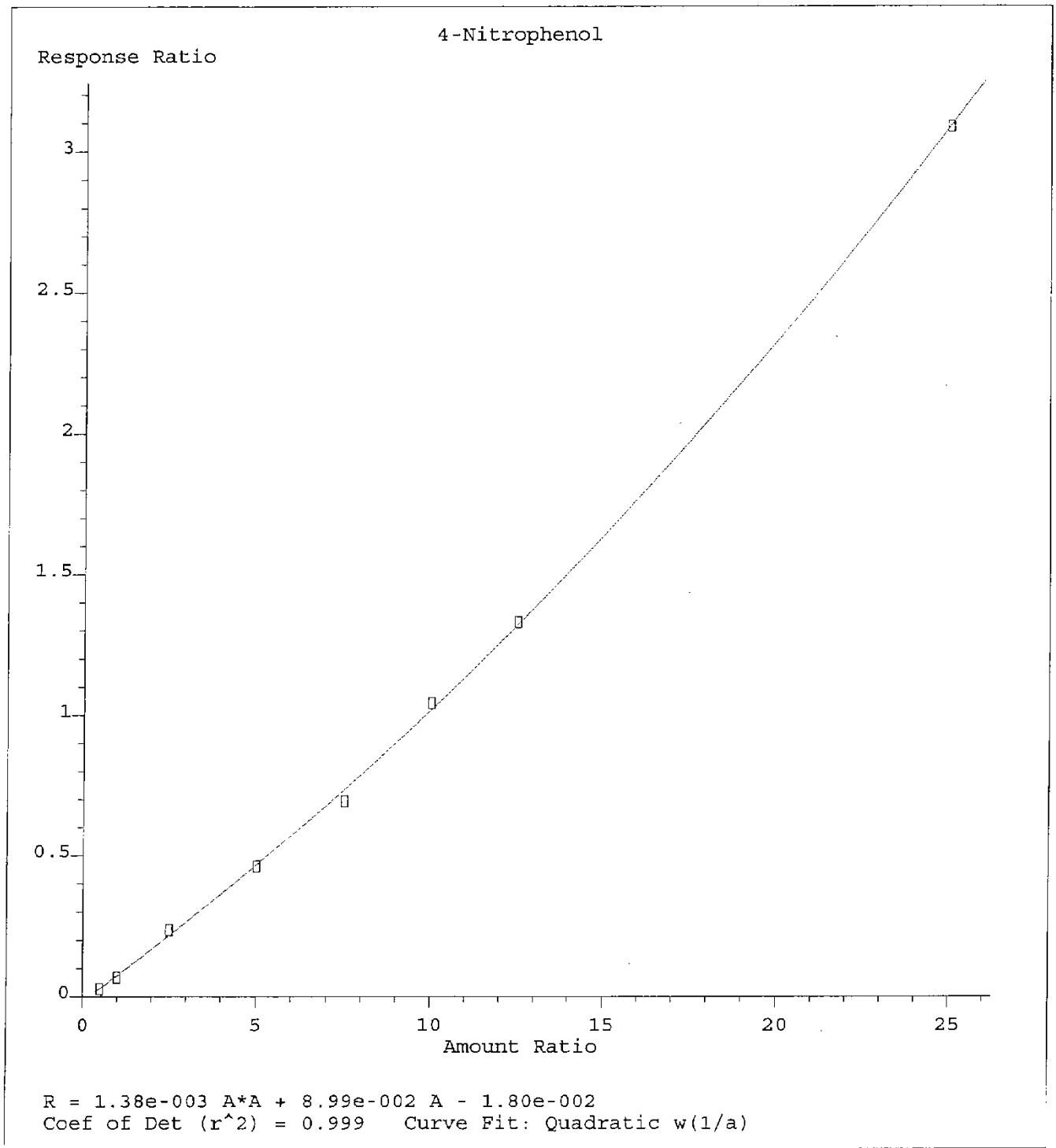
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:23:34 2007



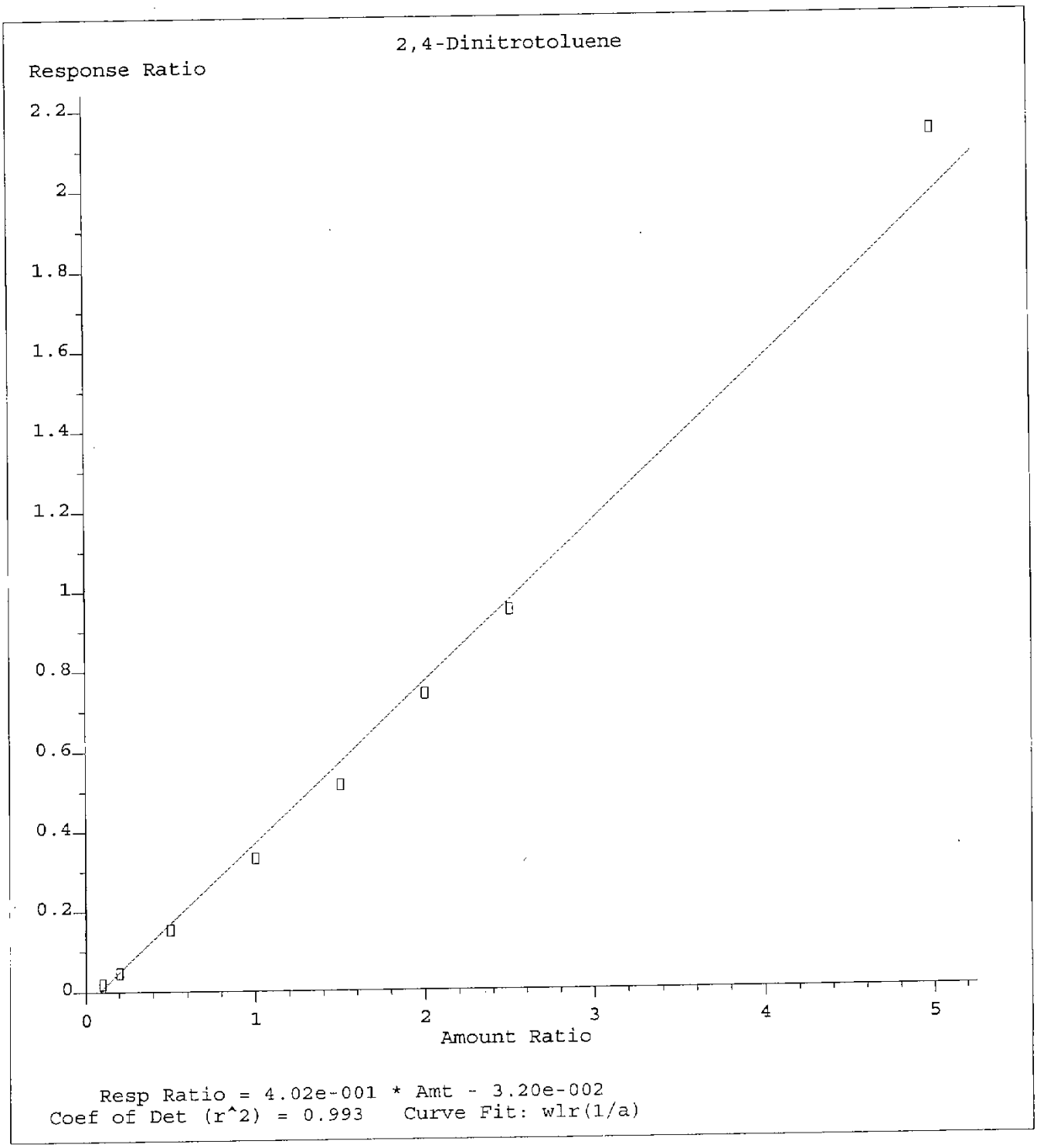
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:25:12 2007



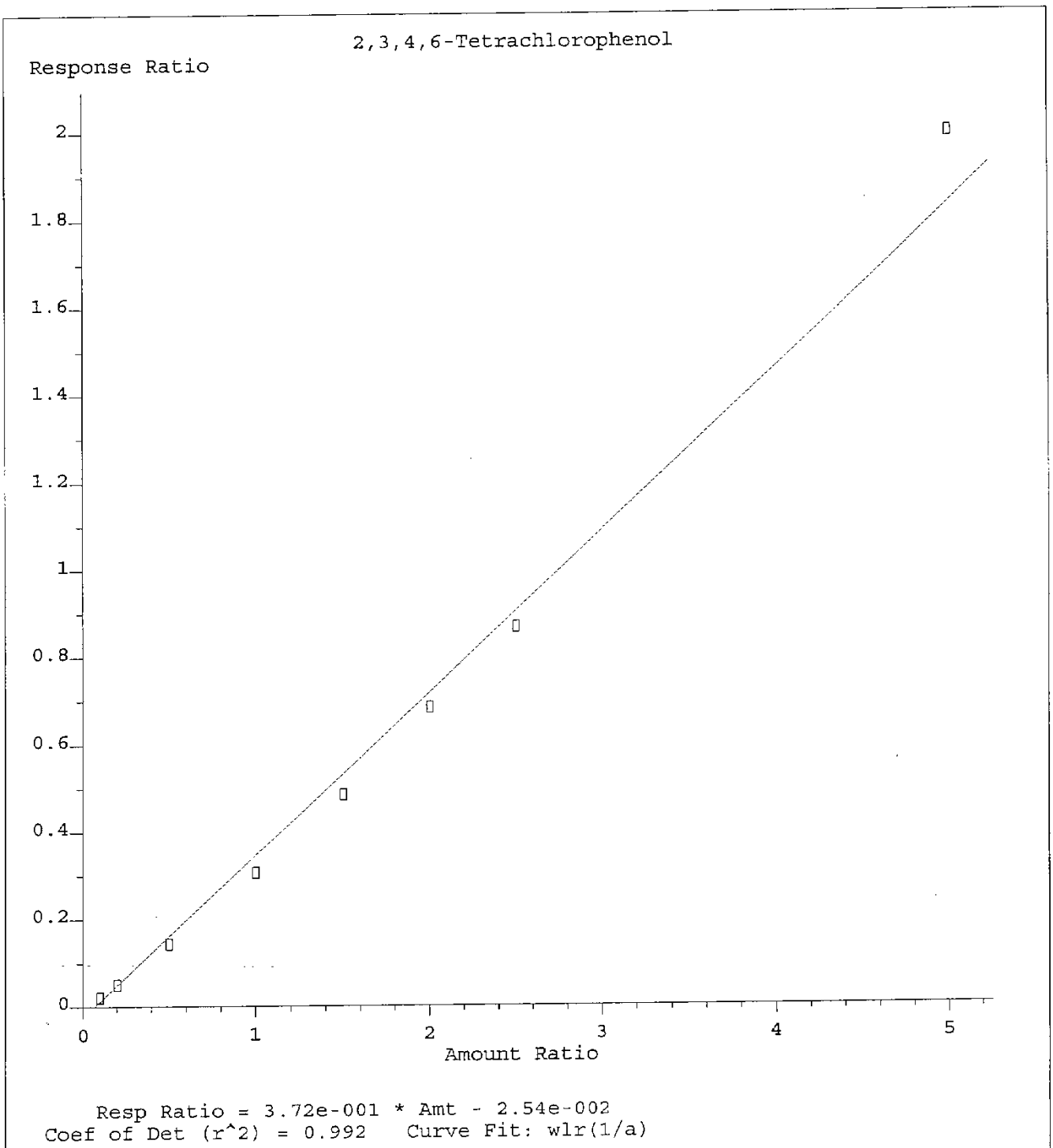
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:25:12 2007



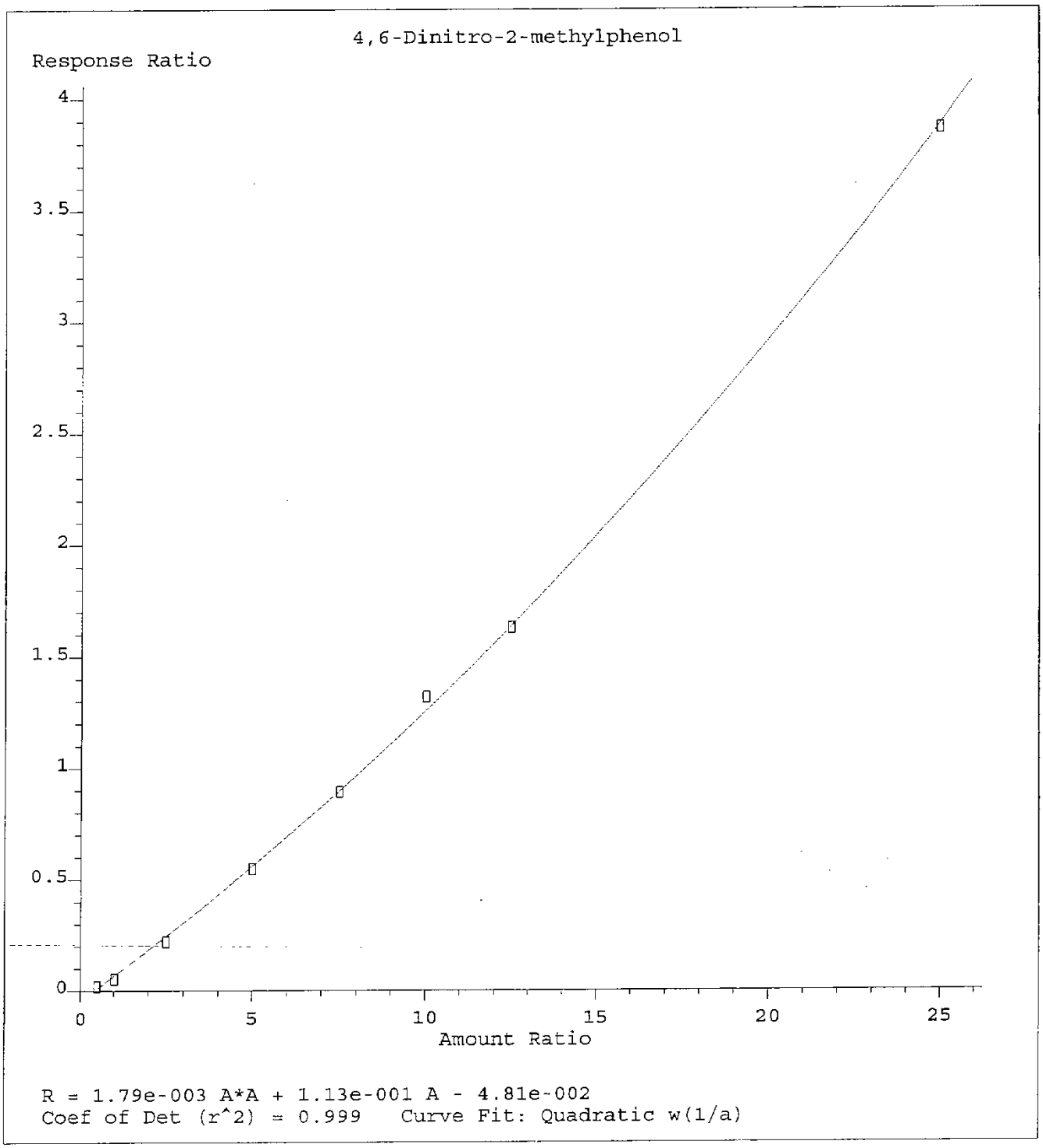
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:26:31 2007



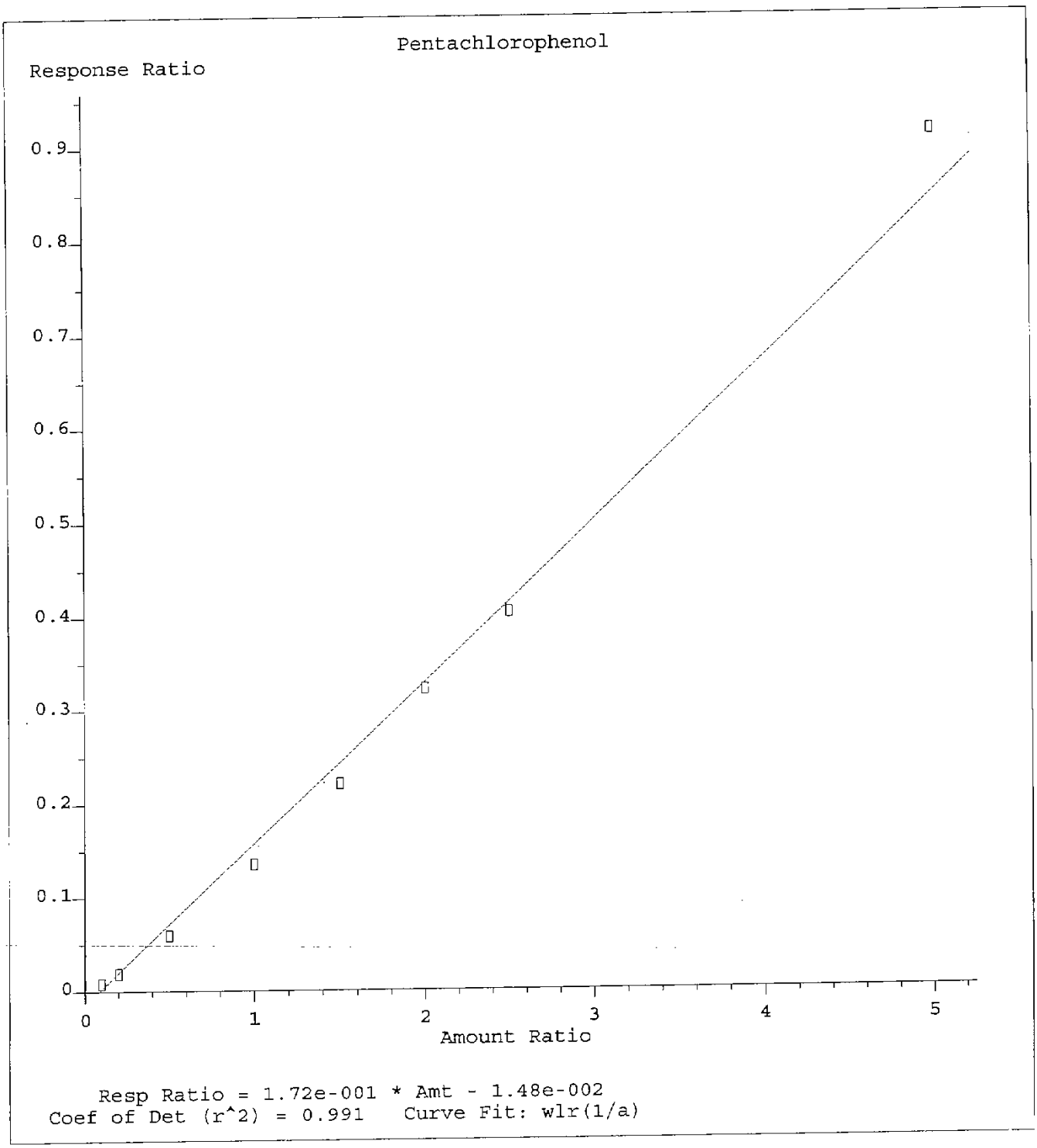
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:26:48 2007



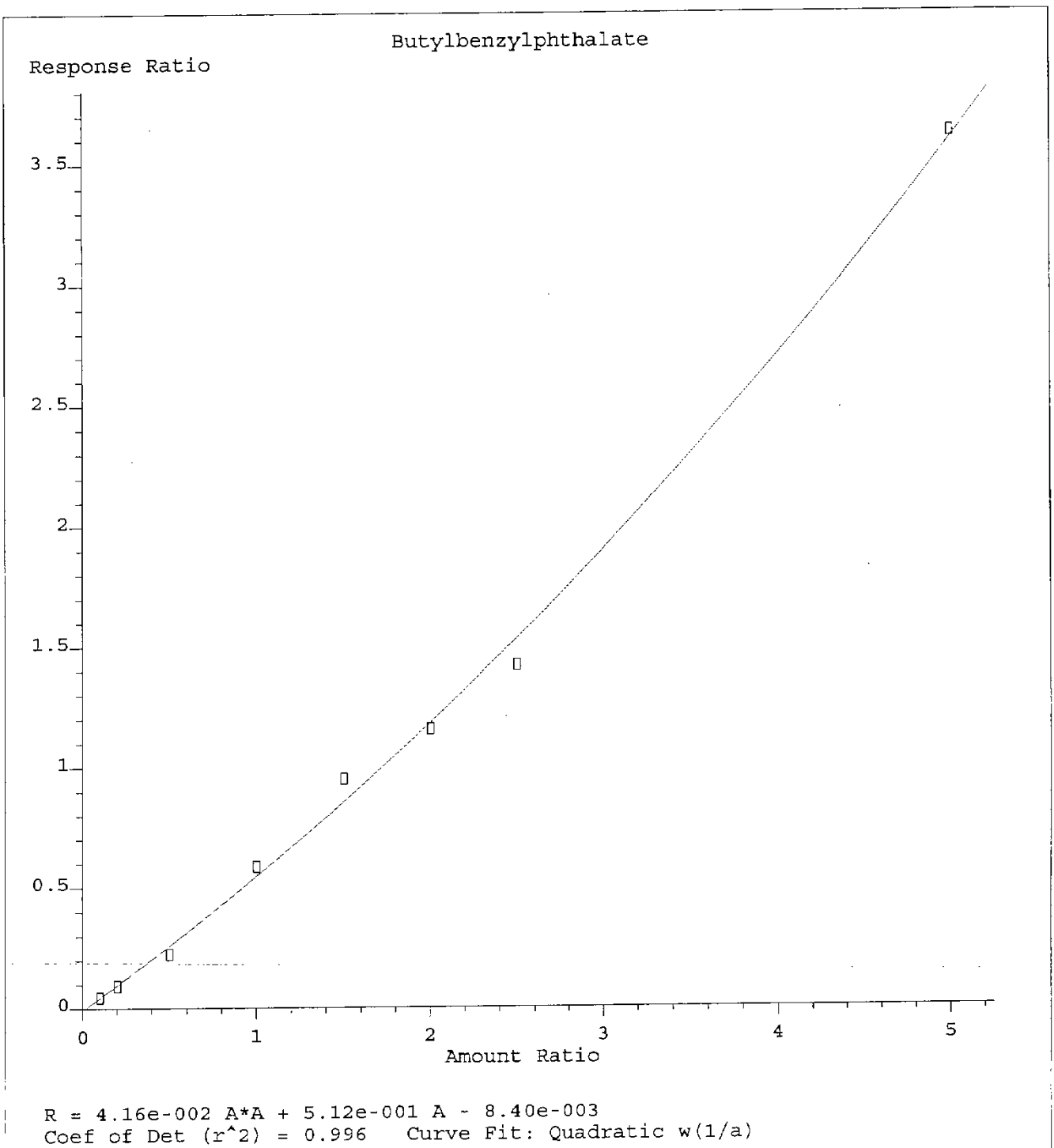
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:27:05 2007



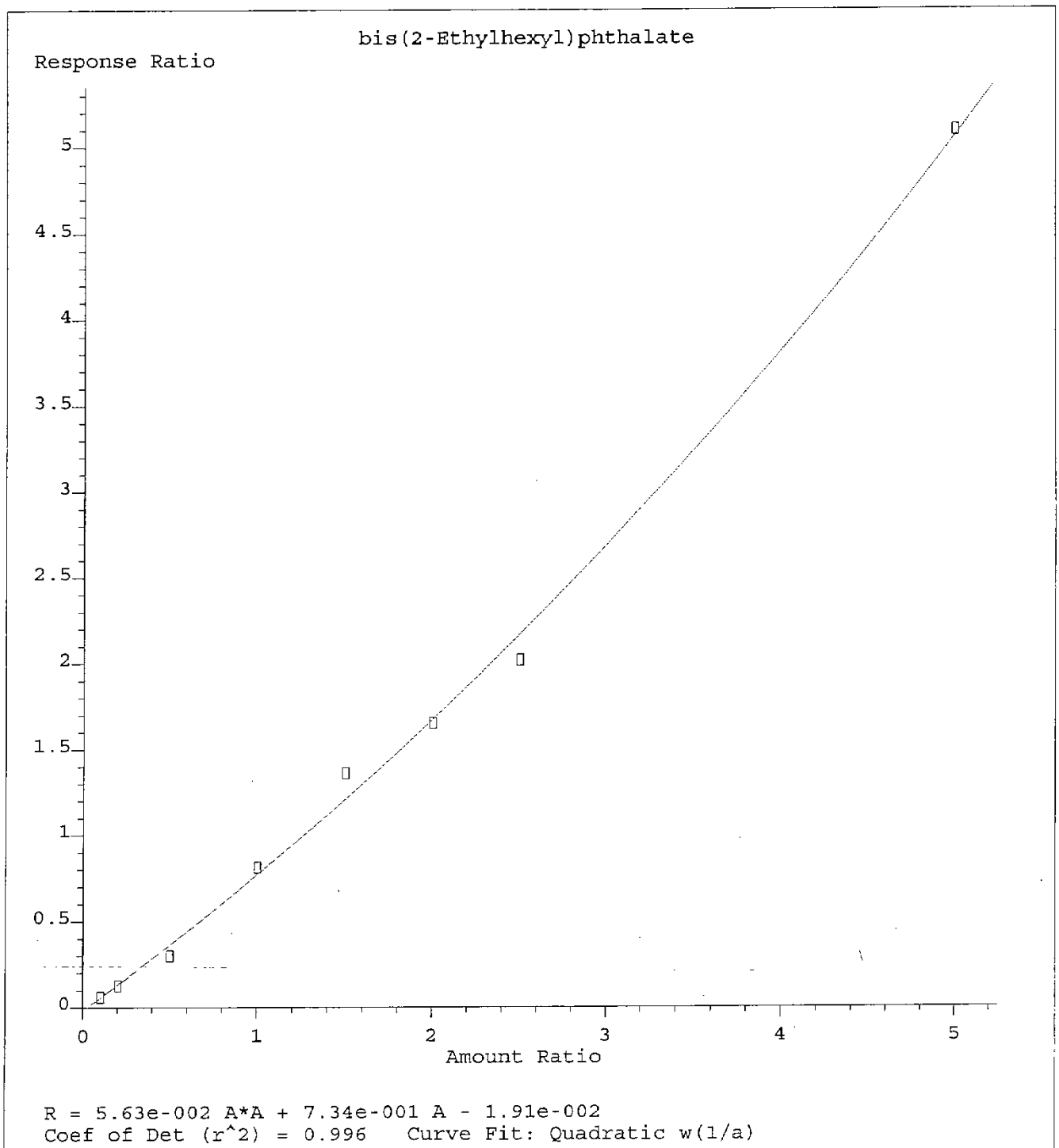
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:27:53 2007



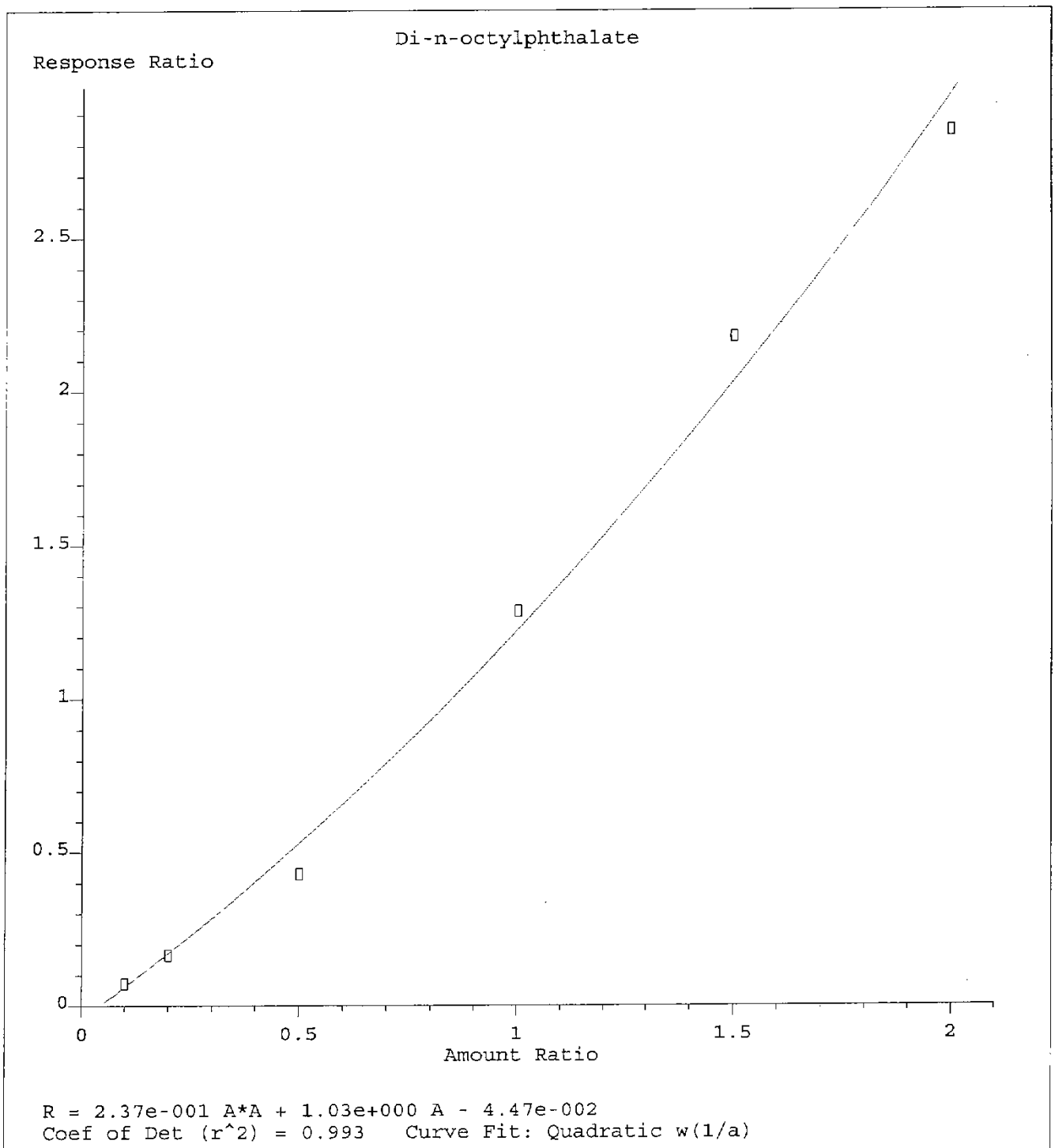
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:28:11 2007



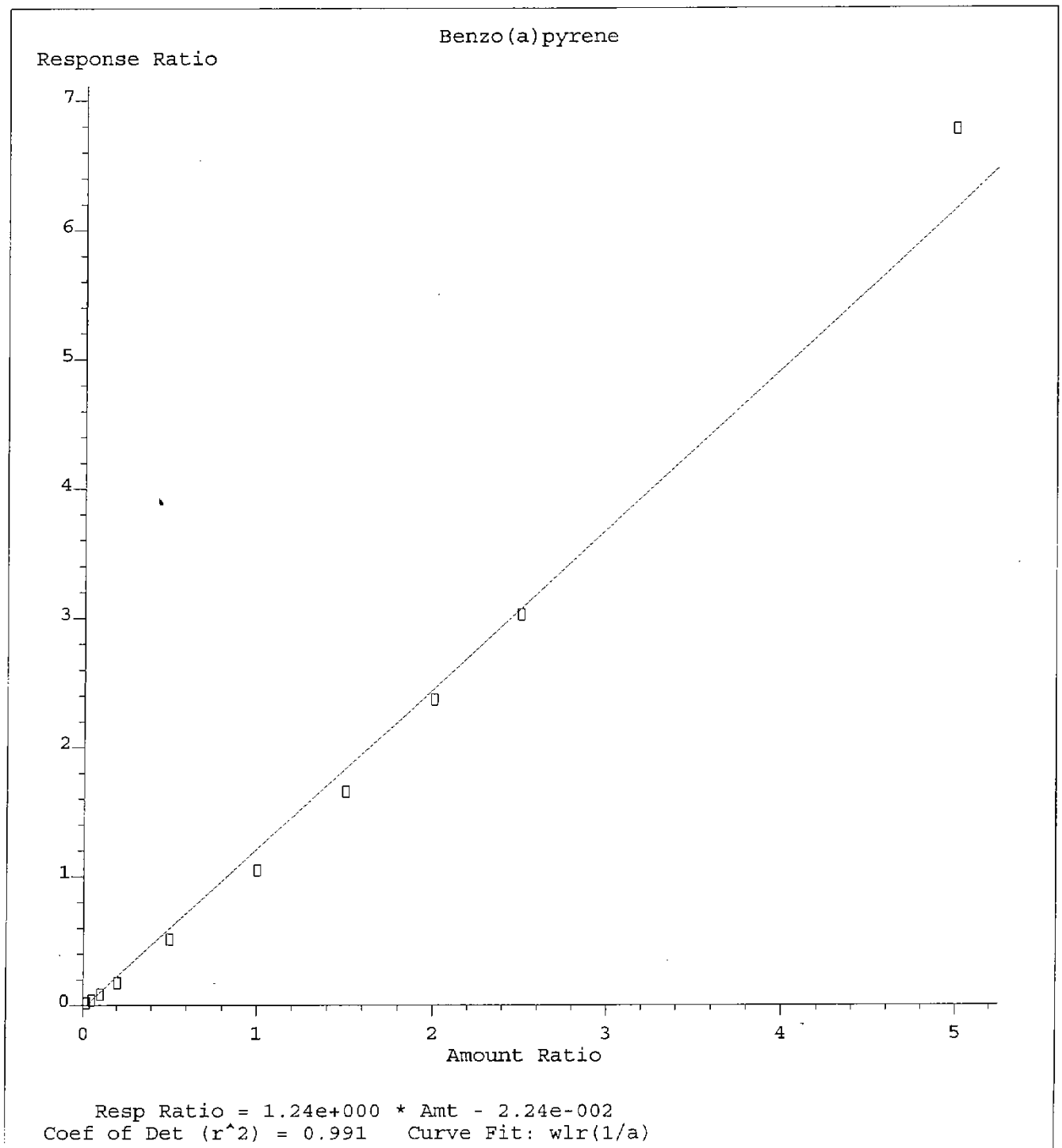
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:29:06 2007



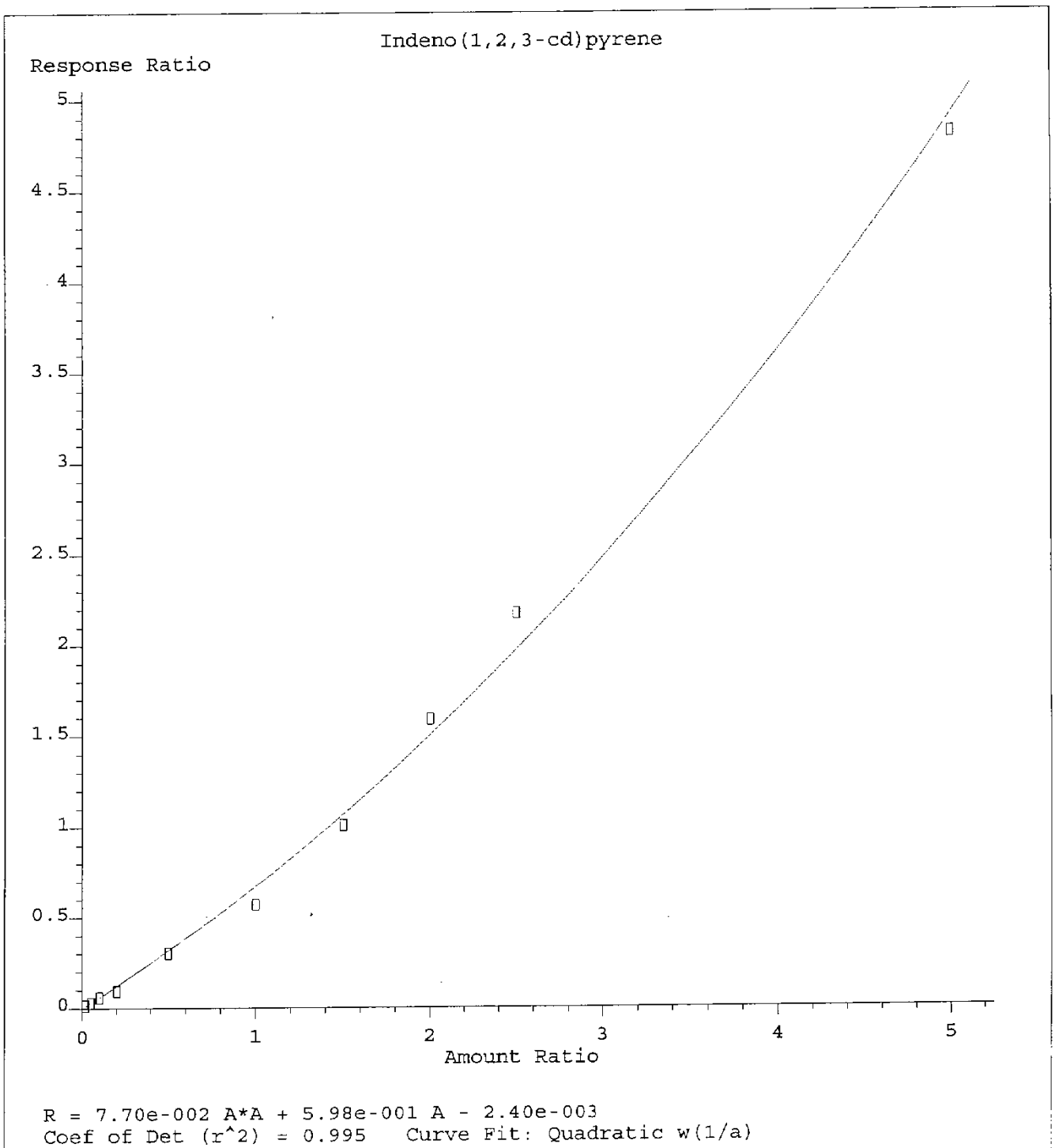
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:29:49 2007



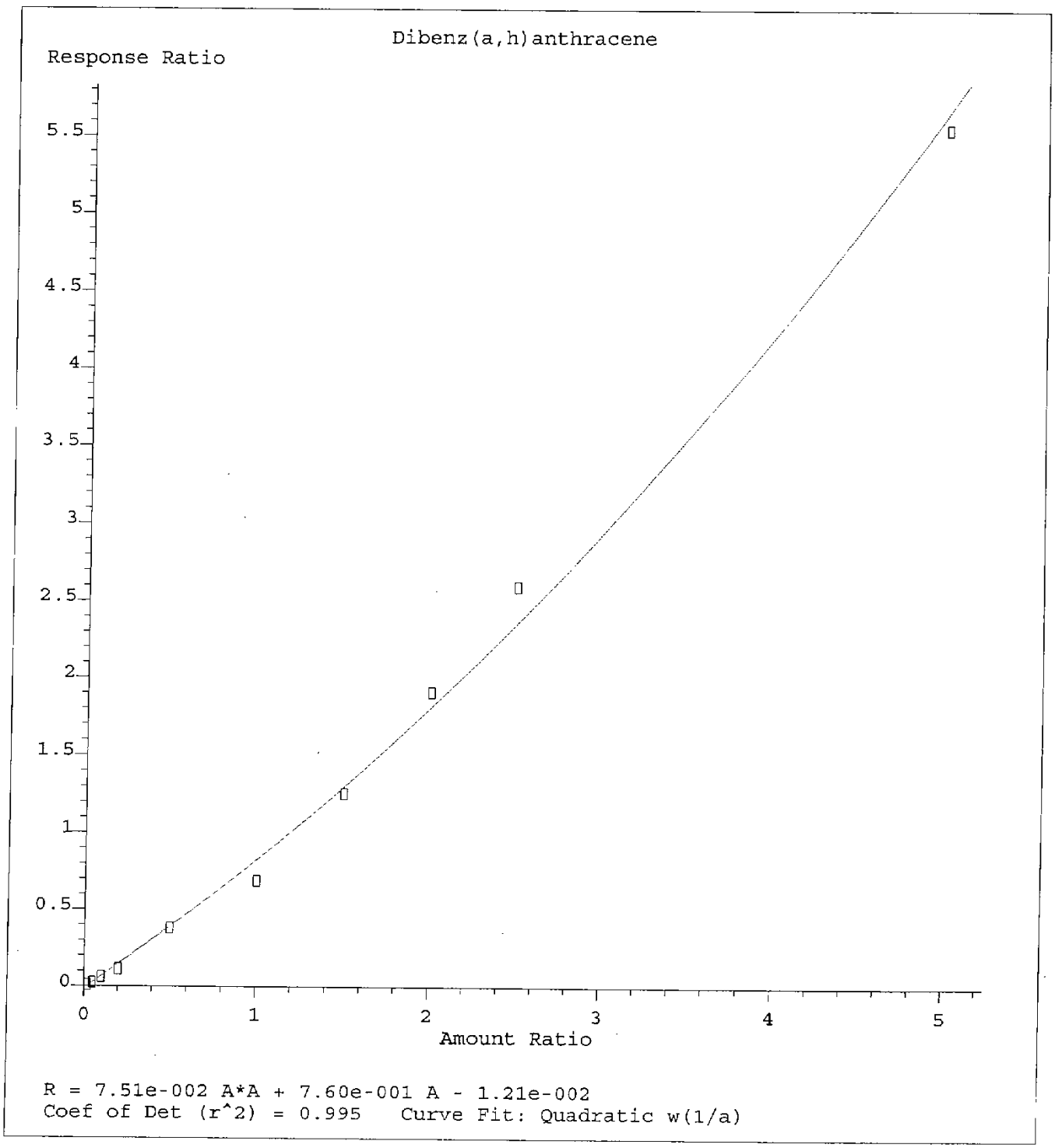
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:30:17 2007



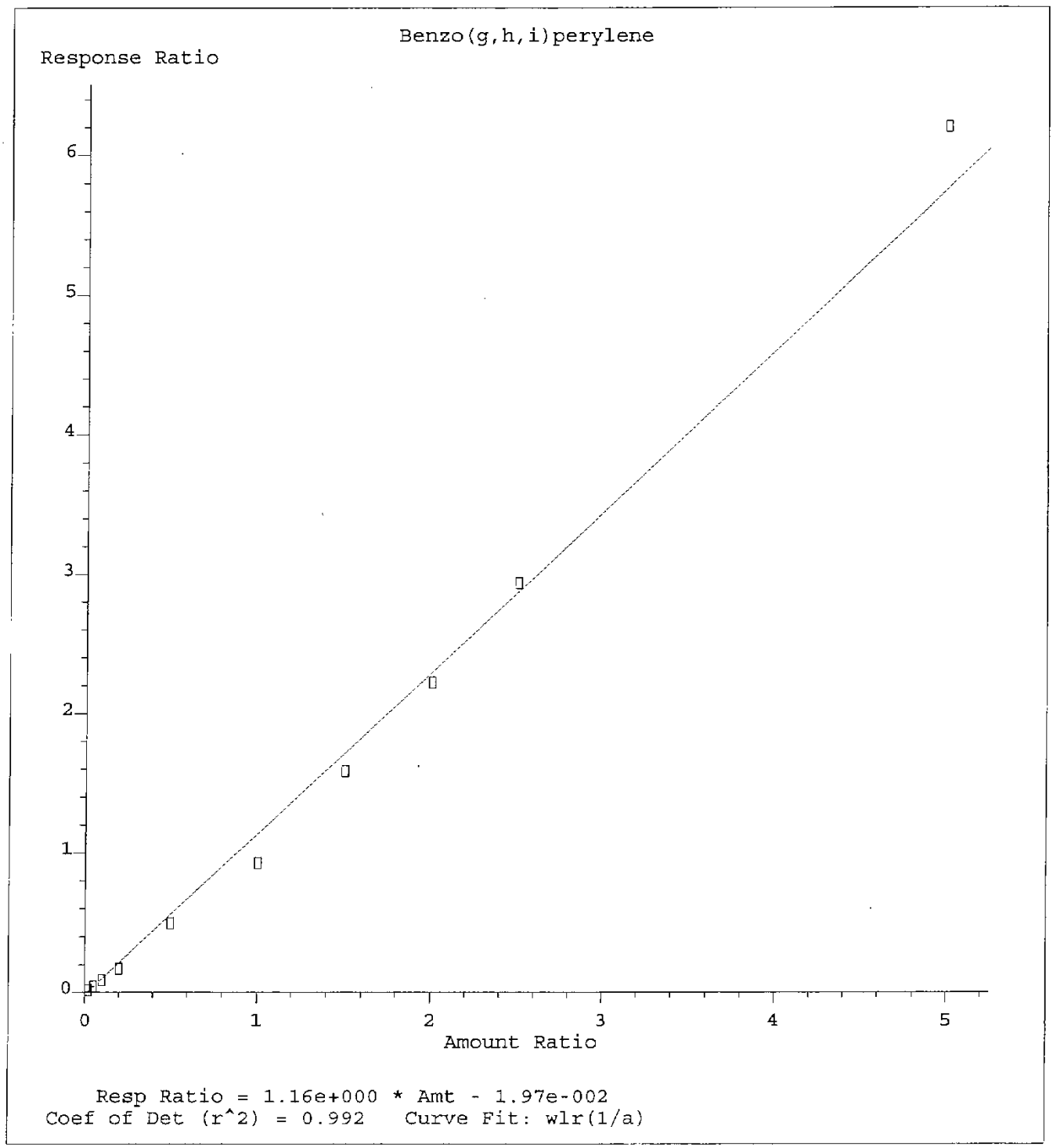
Method Name: G:\Methods\8270_040407.M
Calibration Table Last Updated: Fri Apr 06 08:31:18 2007



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
13	ak008793.d	580-5407-A-5-C	04/05/07 02:03
14	ak008794.d	580-5407-A-6-C	04/05/07 02:30

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

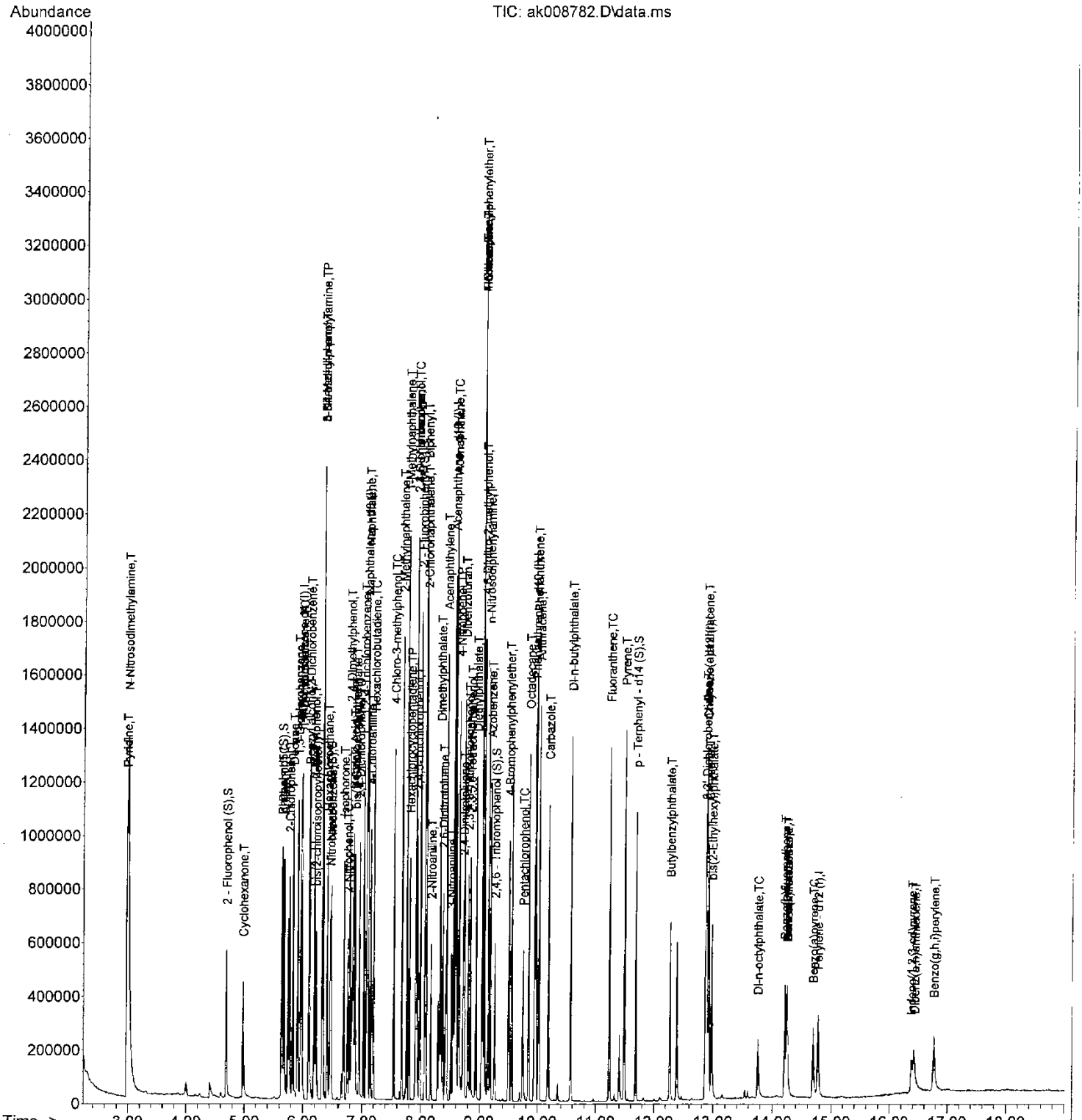
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:07:28 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

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

Evaluate Continuing Calibration Report

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)

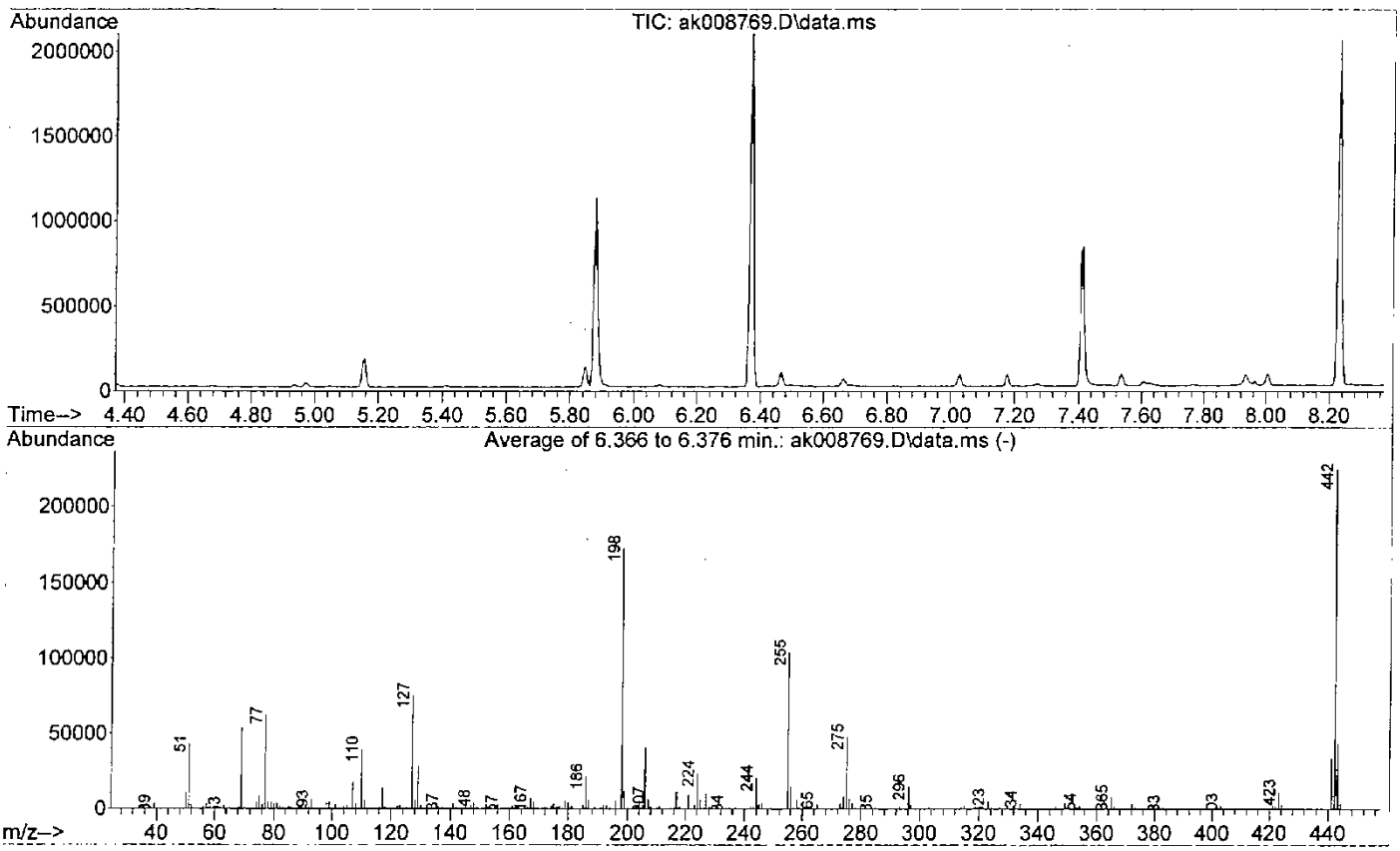
(#) = Out of Range SPCC's out = 0 CCC's out = 0

DFTPP TUNING

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



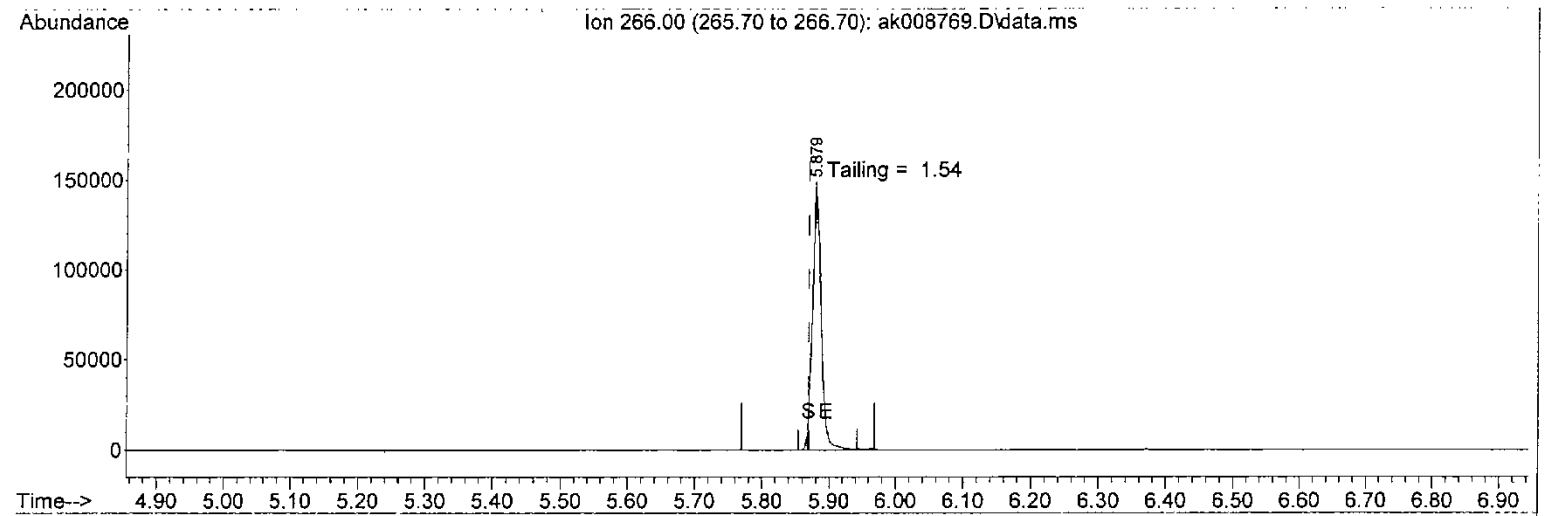
AutoFind: Scans 614, 615, 616; Background Corrected with Scan 610

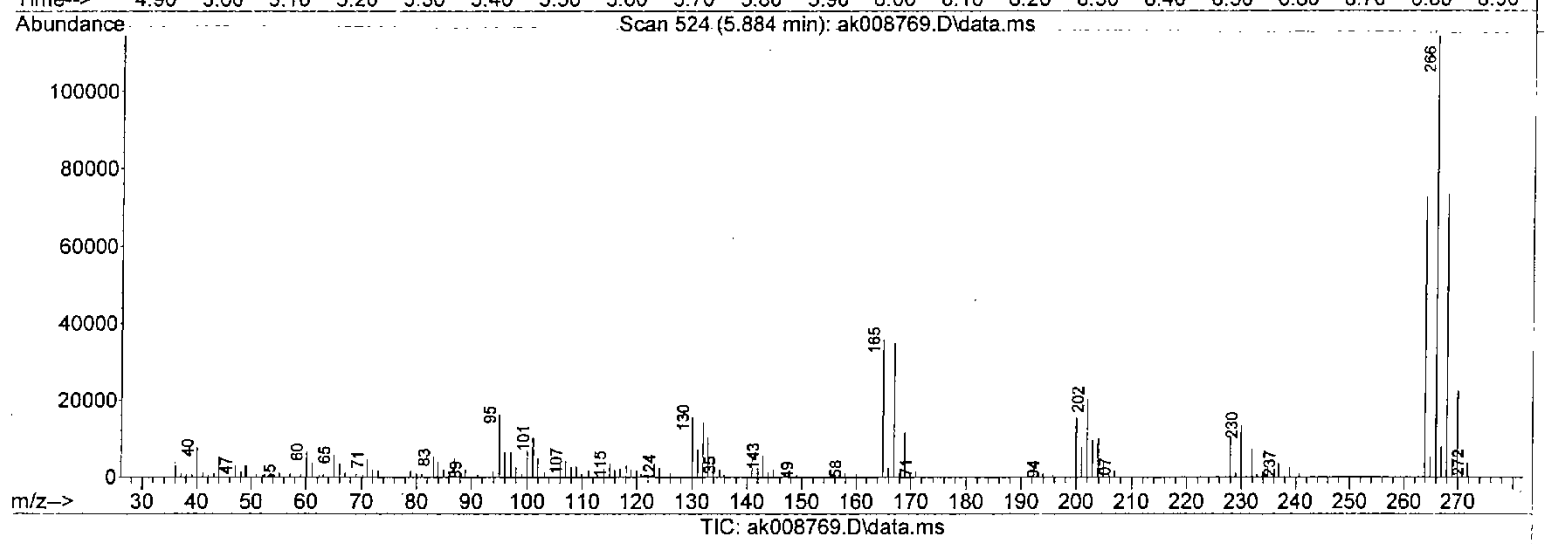
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	442	10	80	19.1	42843	PASS
68	69	0.00	2	1.8	953	PASS
69	198	0.00	100	31.3	53948	PASS
70	69	0.00	2	1.3	716	PASS
127	442	10	80	33.4	75178	PASS
197	198	0.00	1	0.1	194	PASS
198	442	50	100	76.7	172472	PASS
199	198	5	9	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

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





TIC: ak008769.D\data.ms

(1) Pentachlorophenol (T)

5.882min (+0.013) 4.45ug/ml

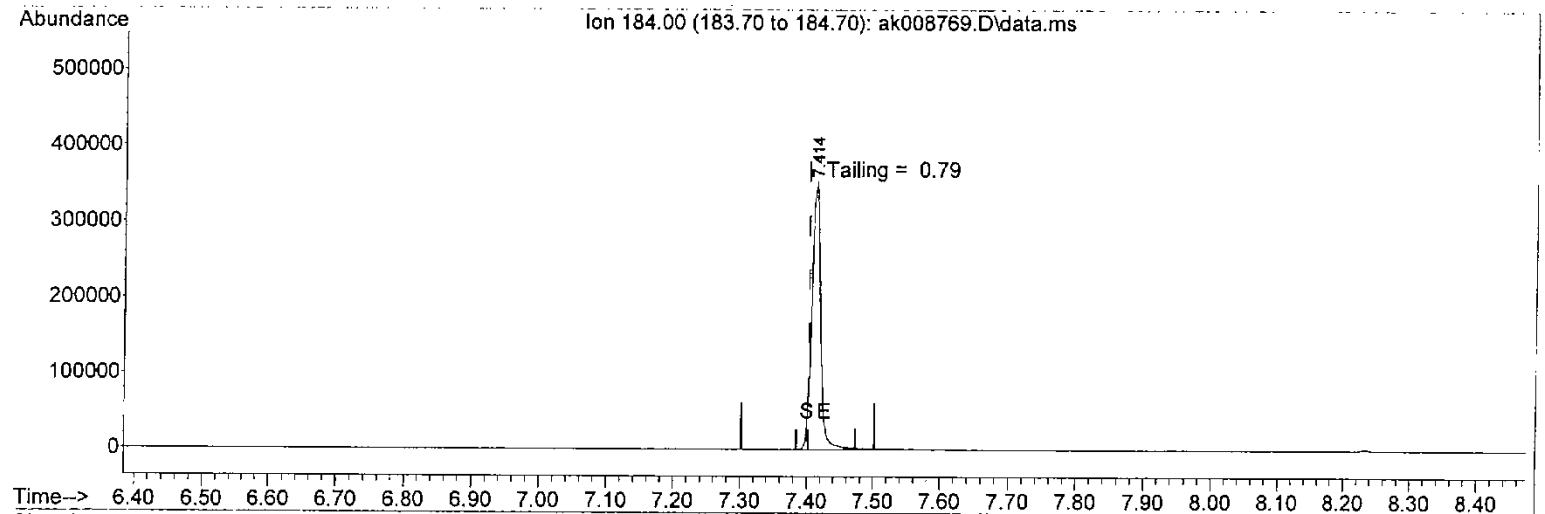
response 1297822

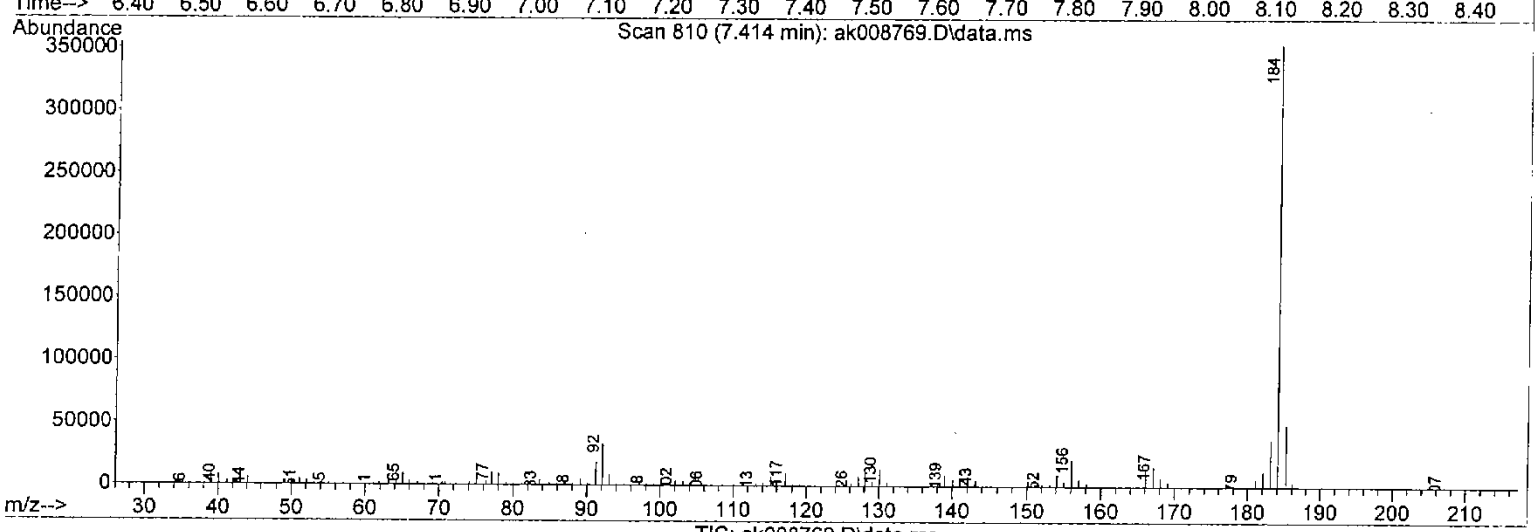
Ion	Exp%	Act%
266.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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





TIC: ak008769.D\data.ms

(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**

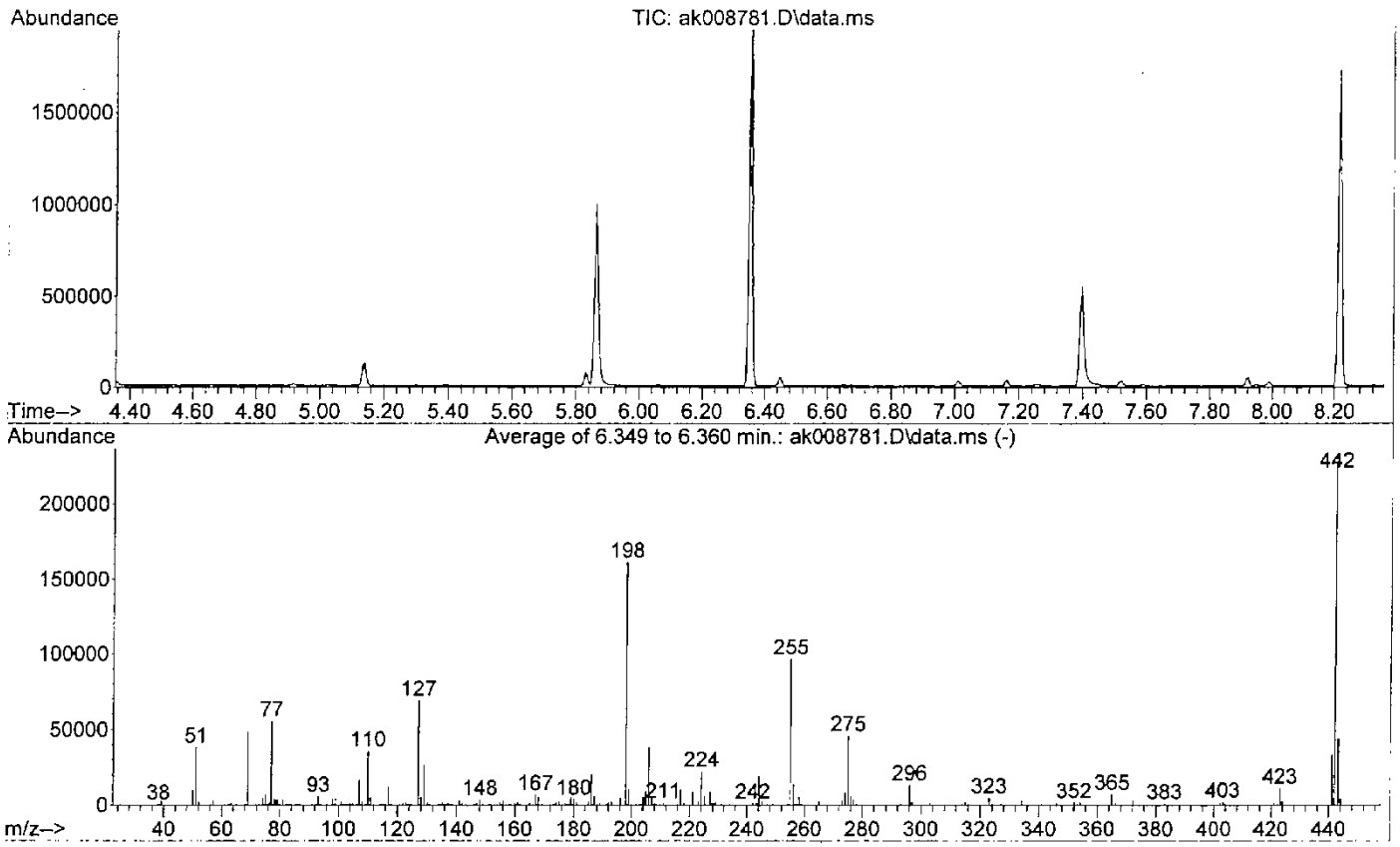
DFTPP.M
Sample Name **dftpp**

#	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	

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

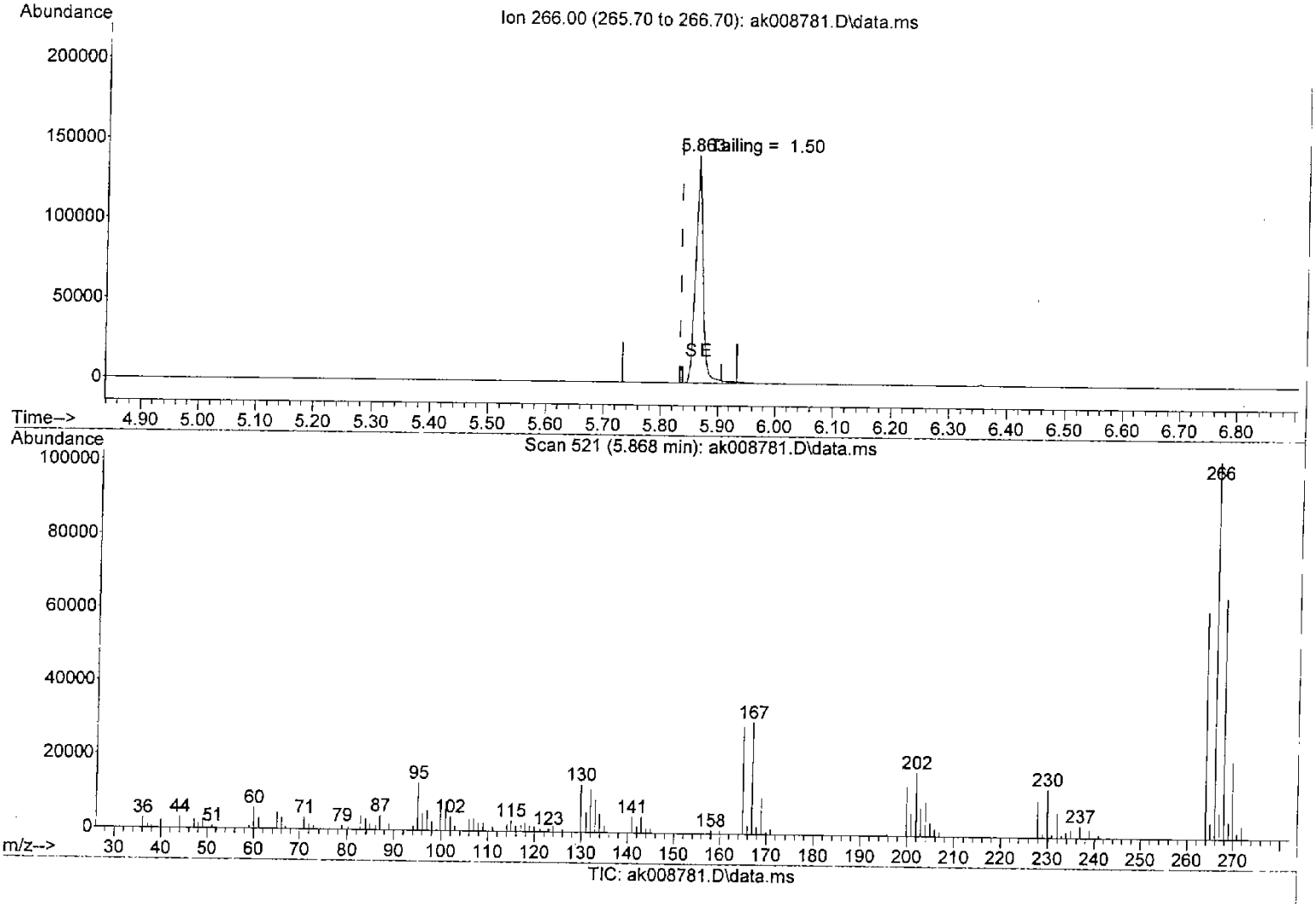


AutoFind: Scans 611, 612, 613; Background Corrected with Scan 607

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



(1) Pentachlorophenol (T)

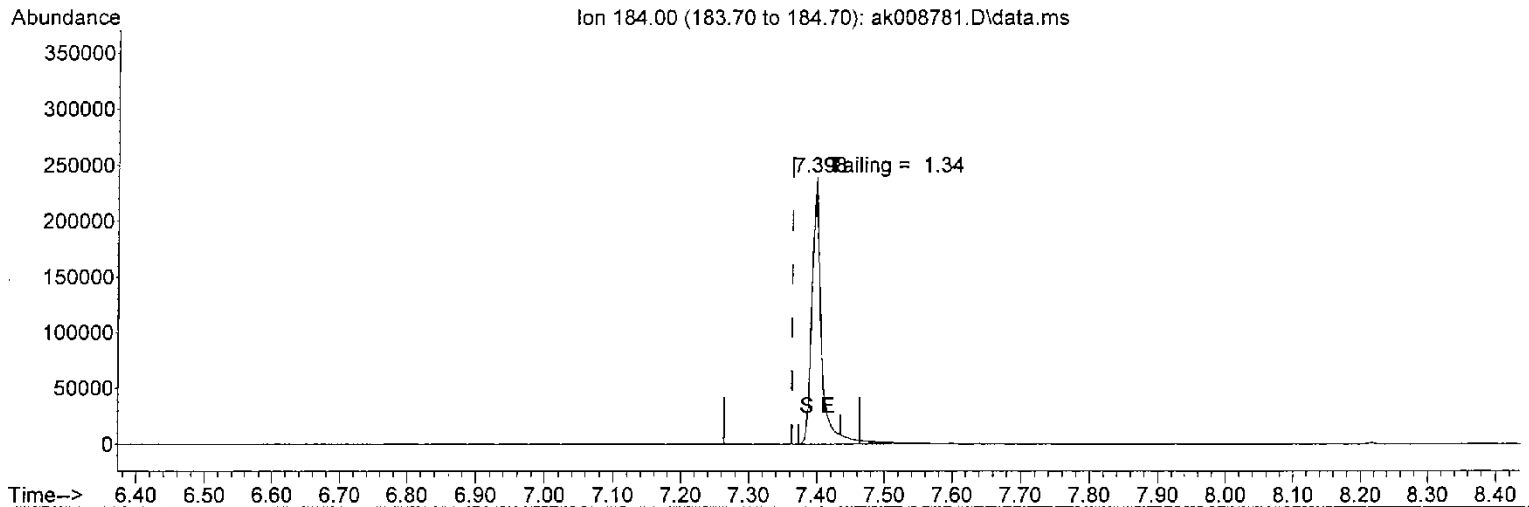
5.866min (+0.032) 4.24ug/ml

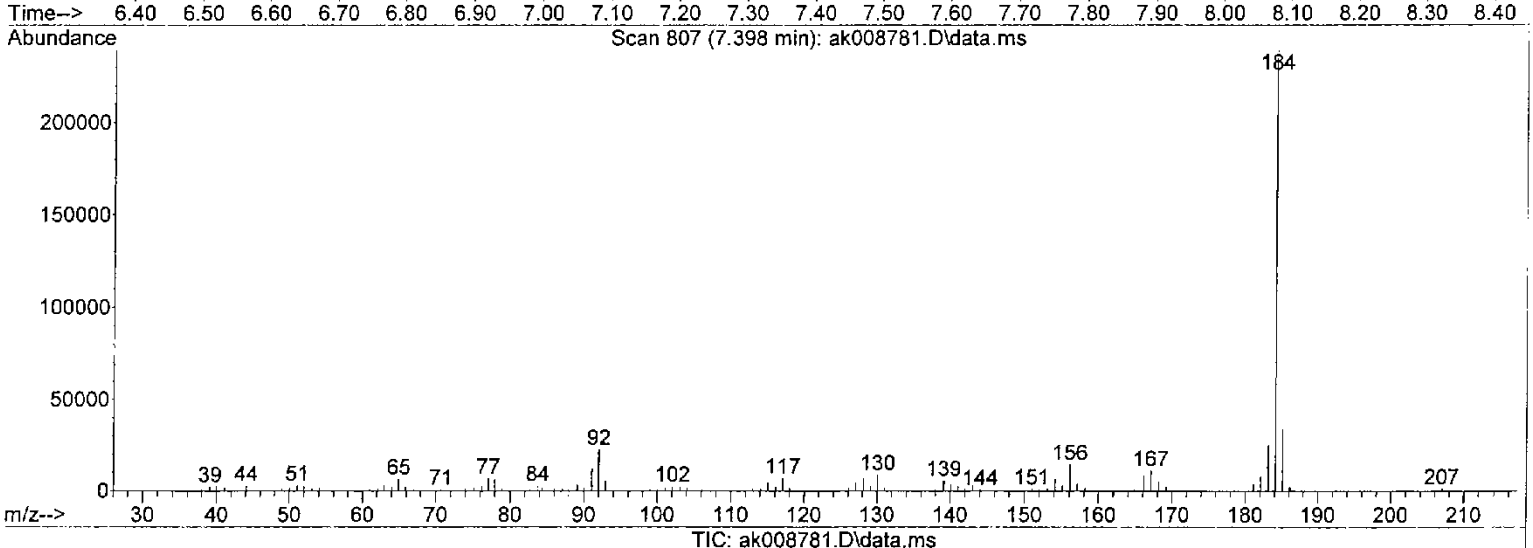
response 1235787

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





(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	

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

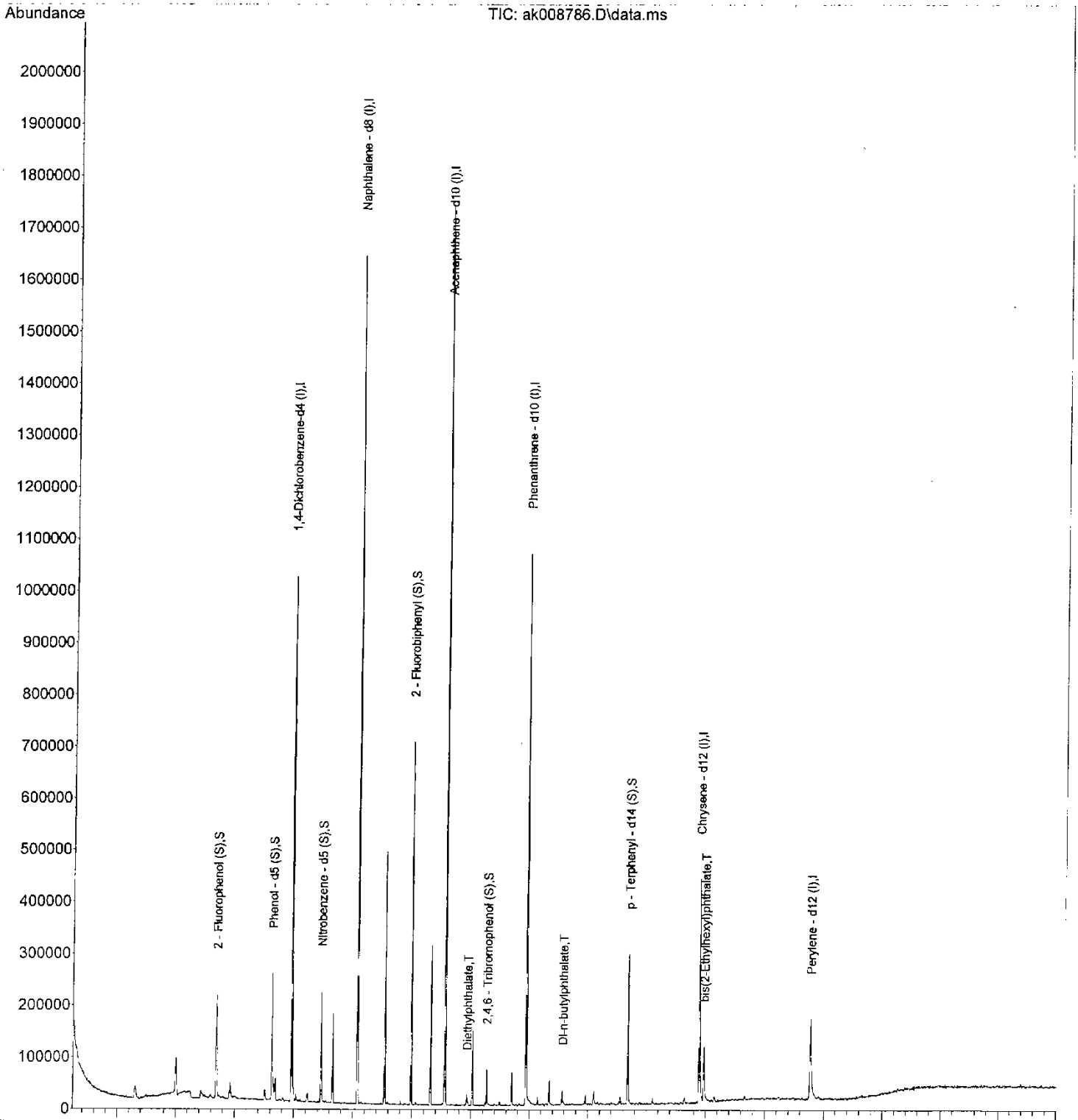
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:10:44 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

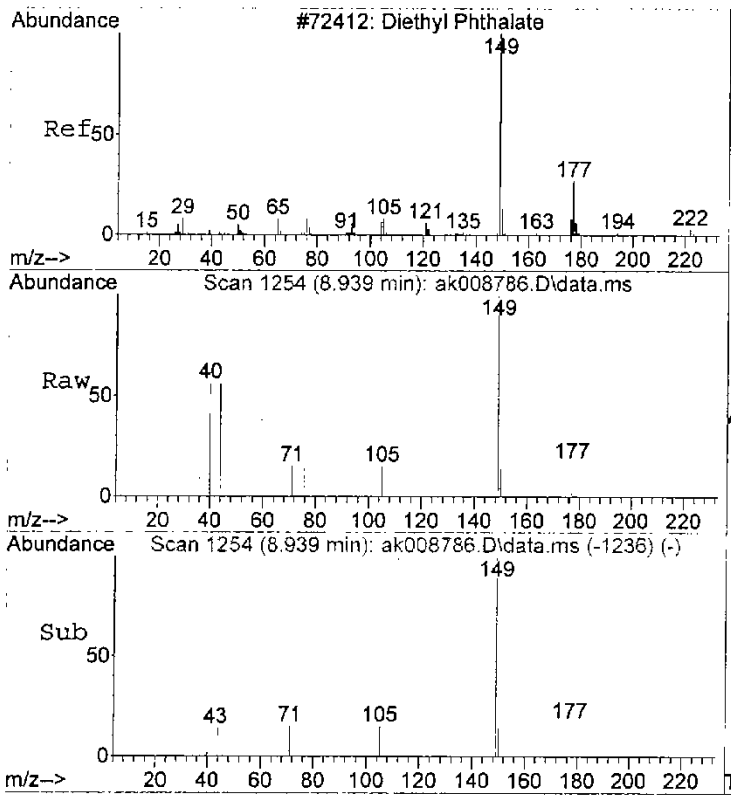
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4...	5.965	152	189427	1000.00	ug/L	0.00
21) Naphthalene - d8 (I)	7.077	136	715127	1000.00	ug/L	0.00
37) Acenaphthene - d10 (I)	8.559	162	343086	1000.00	ug/L	0.00
61) Phenanthrene - d10 (I)	9.939	188	444808	1000.00	ug/L	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

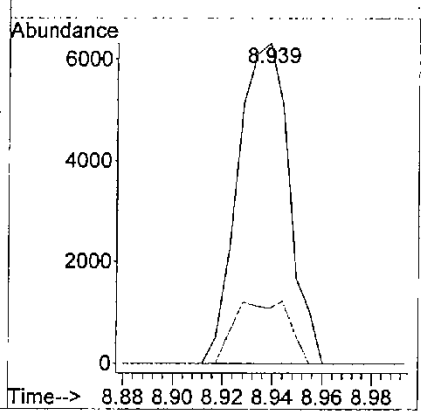


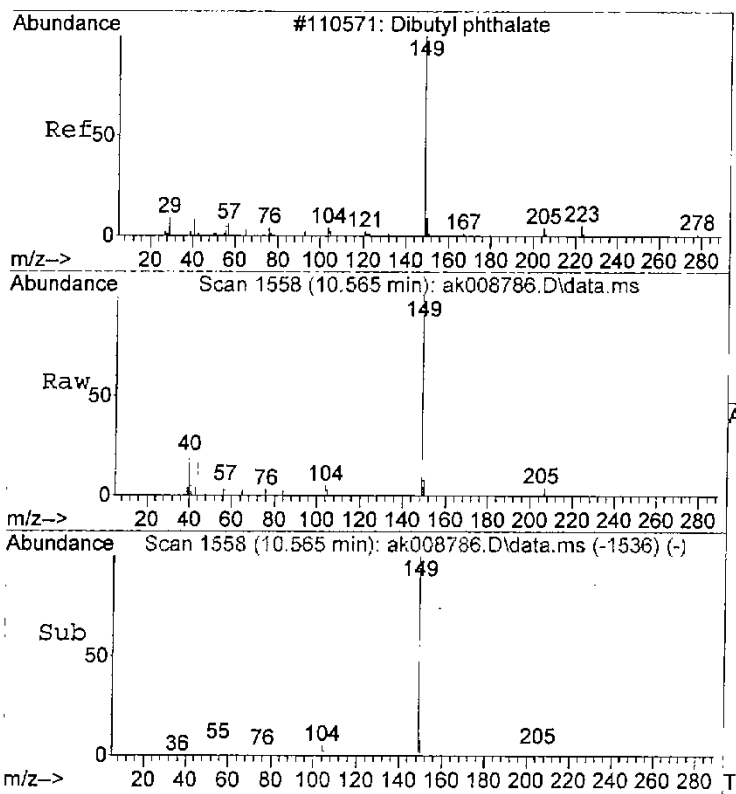


#57
Diethylphthalate
Concen: 11.74 ug/L
RT: 8.939 min Scan# 1254
Delta R.T. -0.005 min
Lab File: ak008786.D
Acq: 4 Apr 2007 22:51

Tgt Ion:149 Resp: 9003

Ion	Ratio	Lower	Upper
149	100		
177	17.2	0.0	49.3

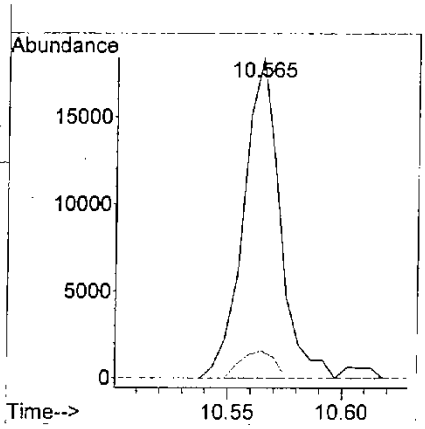


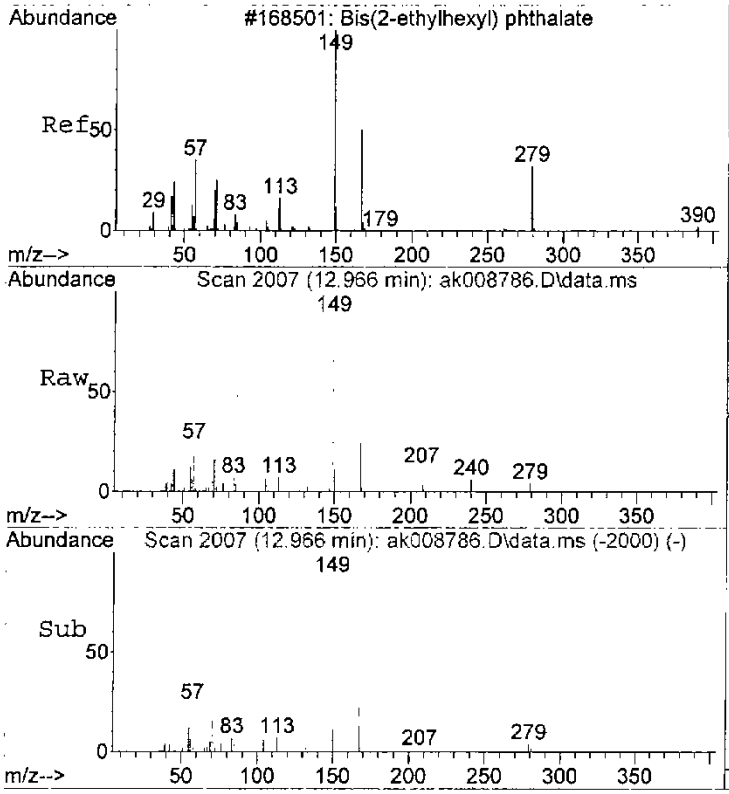


#73
Di-n-butylphthalate
Concen: 32.04 ug/L
RT: 10.565 min Scan# 1558
Delta R.T. -0.010 min
Lab File: ak008786.D
Acq: 4 Apr 2007 22:51

Tgt Ion:149 Resp: 20350

Ion	Ratio	Lower	Upper
149	100		
150	8.3	0.0	39.0

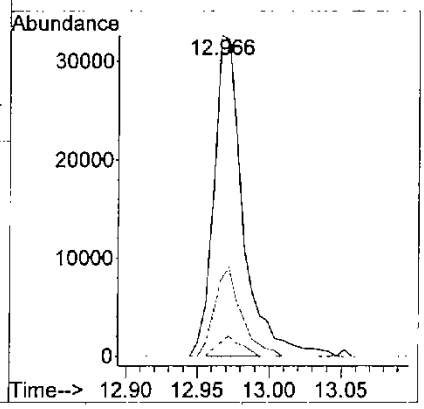




#83
bis(2-Ethylhexyl)phthalate
Concen: 308.34 ug/L
RT: 12.966 min Scan# 2007
Delta R.T. -0.065 min
Lab File: ak008786.D
Acq: 4 Apr 2007 22:51

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



BLANK SPIKE

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

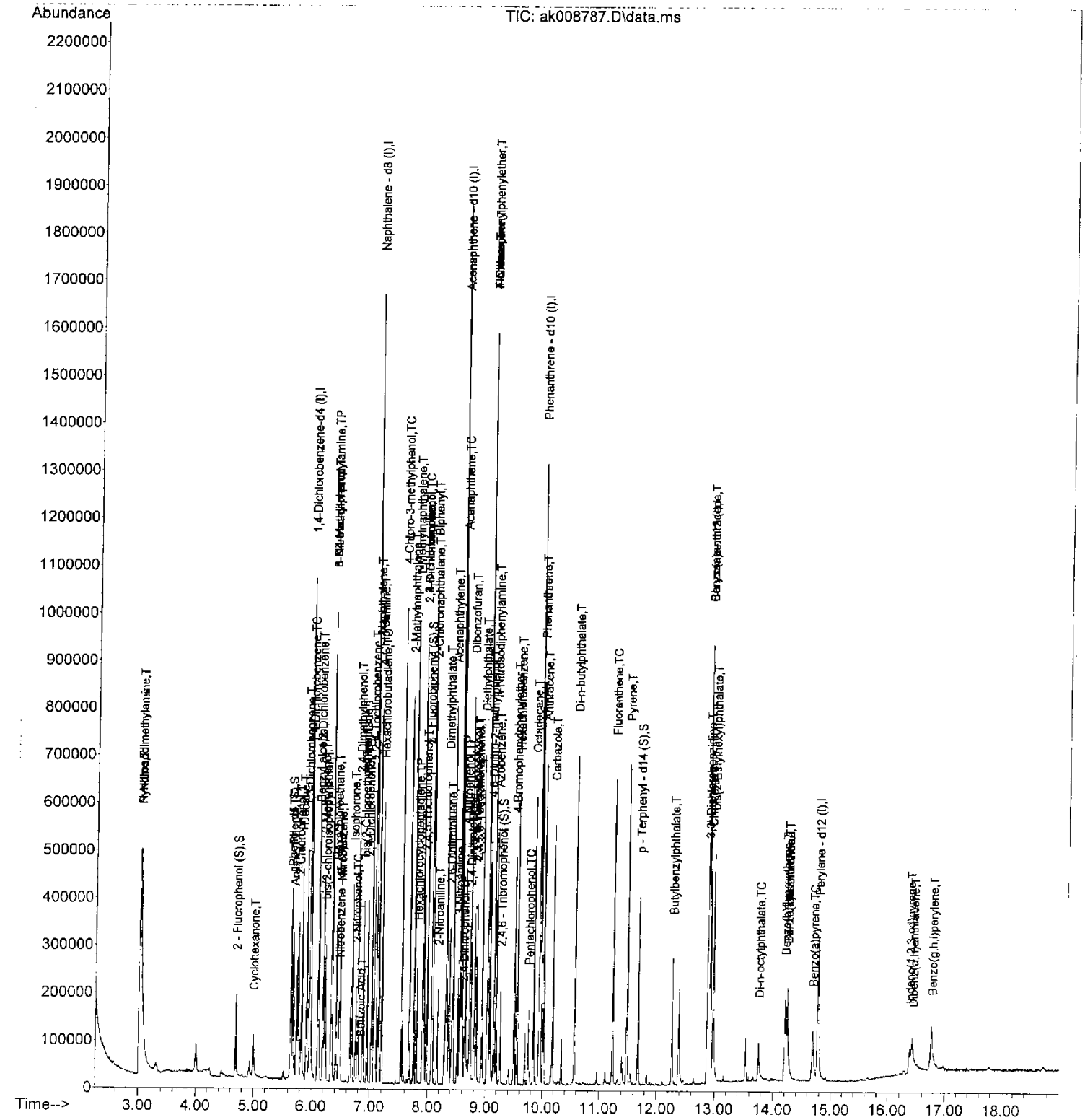
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

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

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

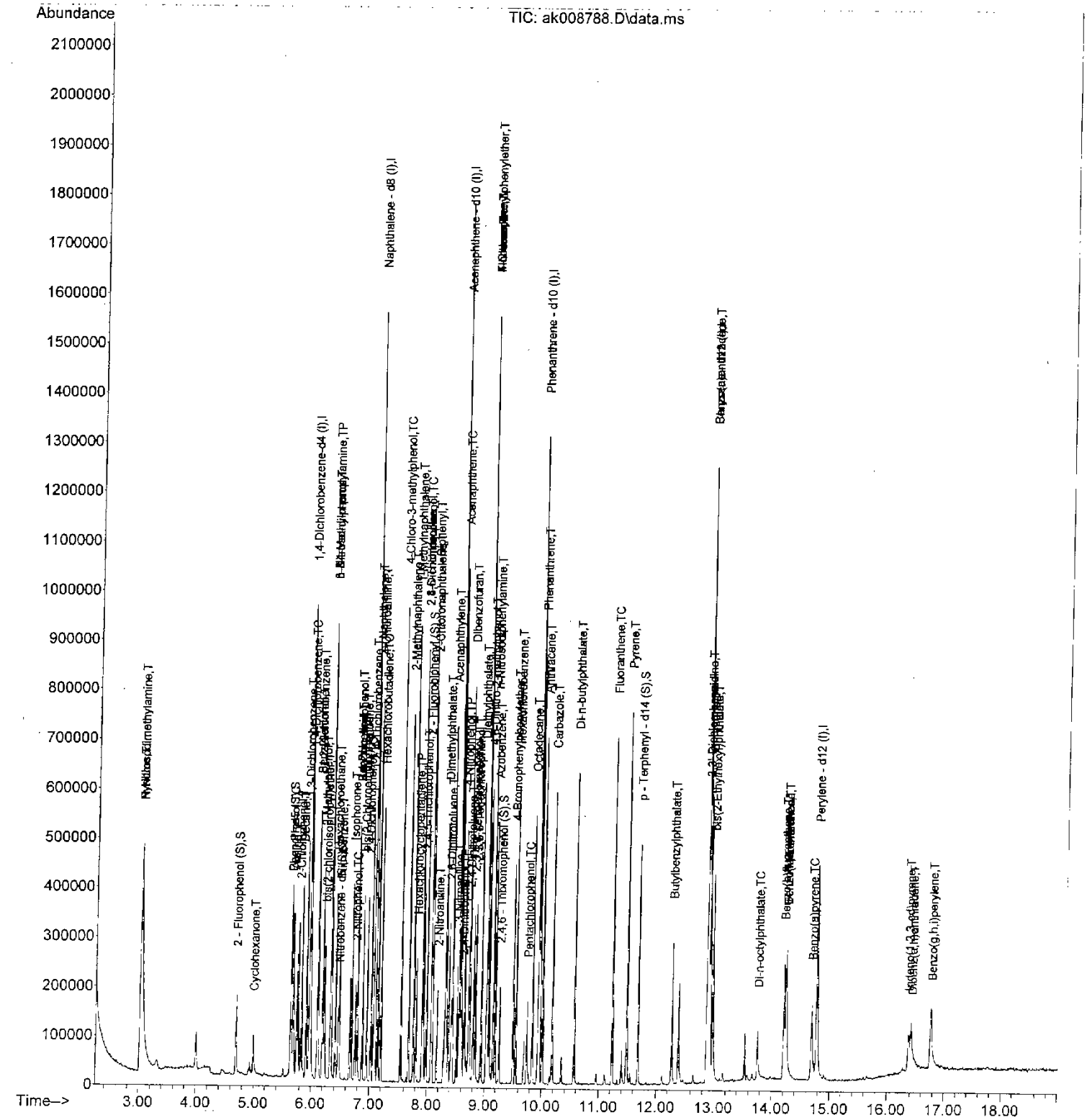
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

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



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

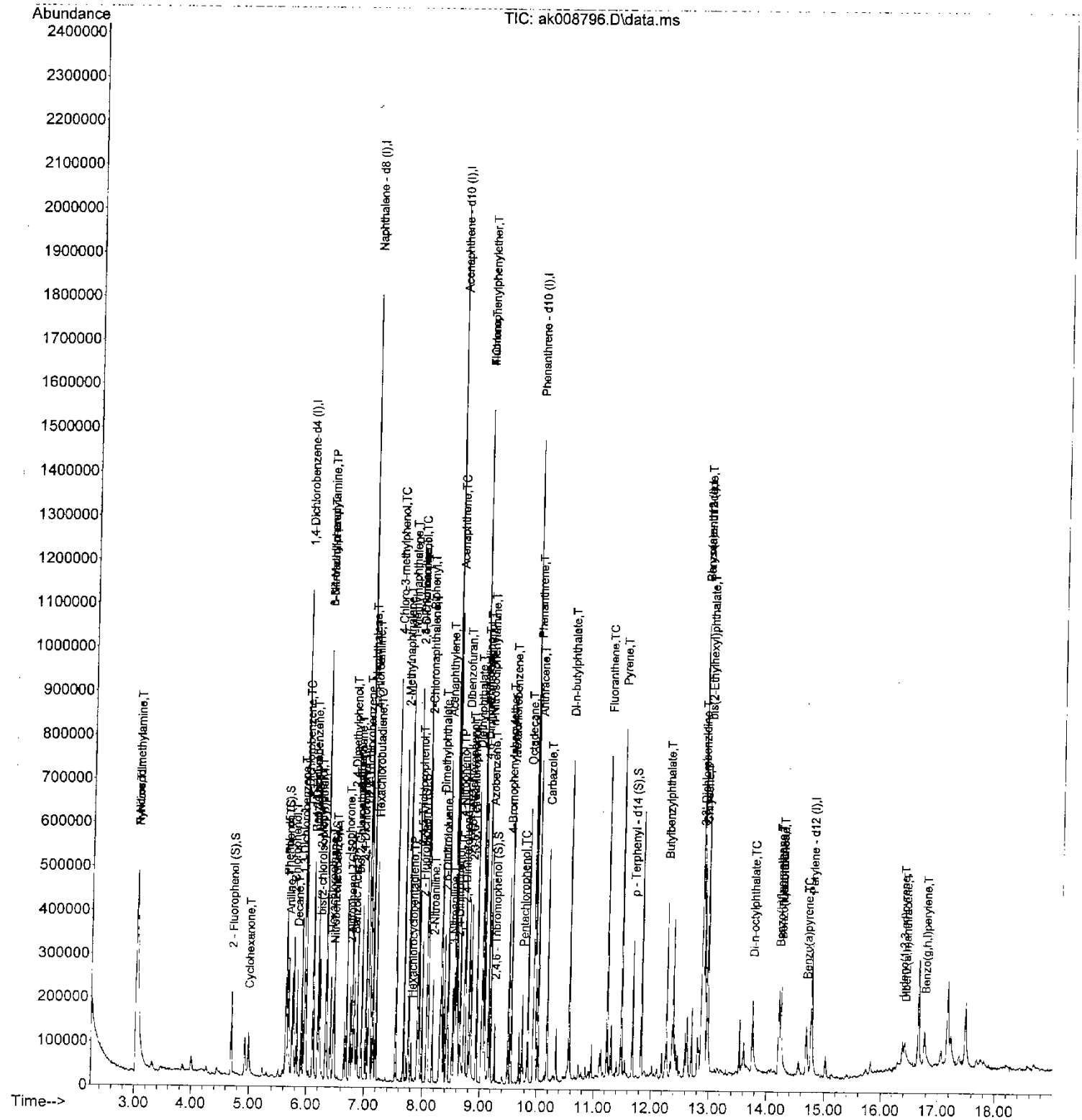
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

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

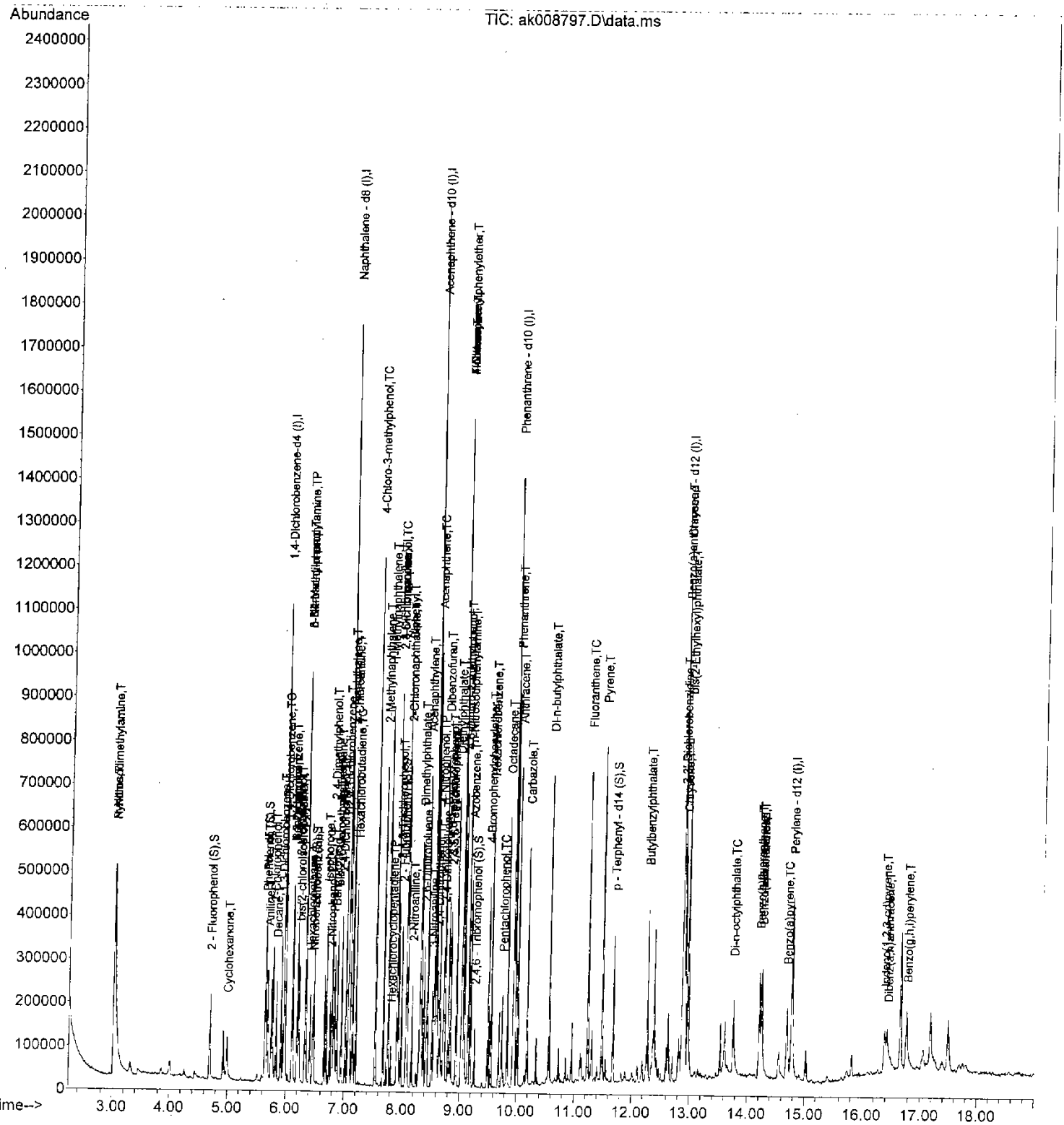
DataAcq Meth:8270.M
Quant Method : G:\Methods\8270_040407.M
Quant Title : USEPA Method 8270 Calibration
QLast Update : Thu Apr 05 15:27:53 2007
Response via : Initial Calibration
Quant Results File: 8270_040407.RES

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

Method Code: 580-3550B_LL-580

Analyst: Durrant, Stephanie

Batch Open: 4/4/2007 6:36:14AM

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 Surrogate lost in NEVAP	
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		

Page 437 of 671

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:

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

Method Code: 580-3550B_LL-580

Analyst: Durrant, Stephanie

Batch Open: 4/4/2007 6:36:14AM

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

Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 15:44:24 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 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 :

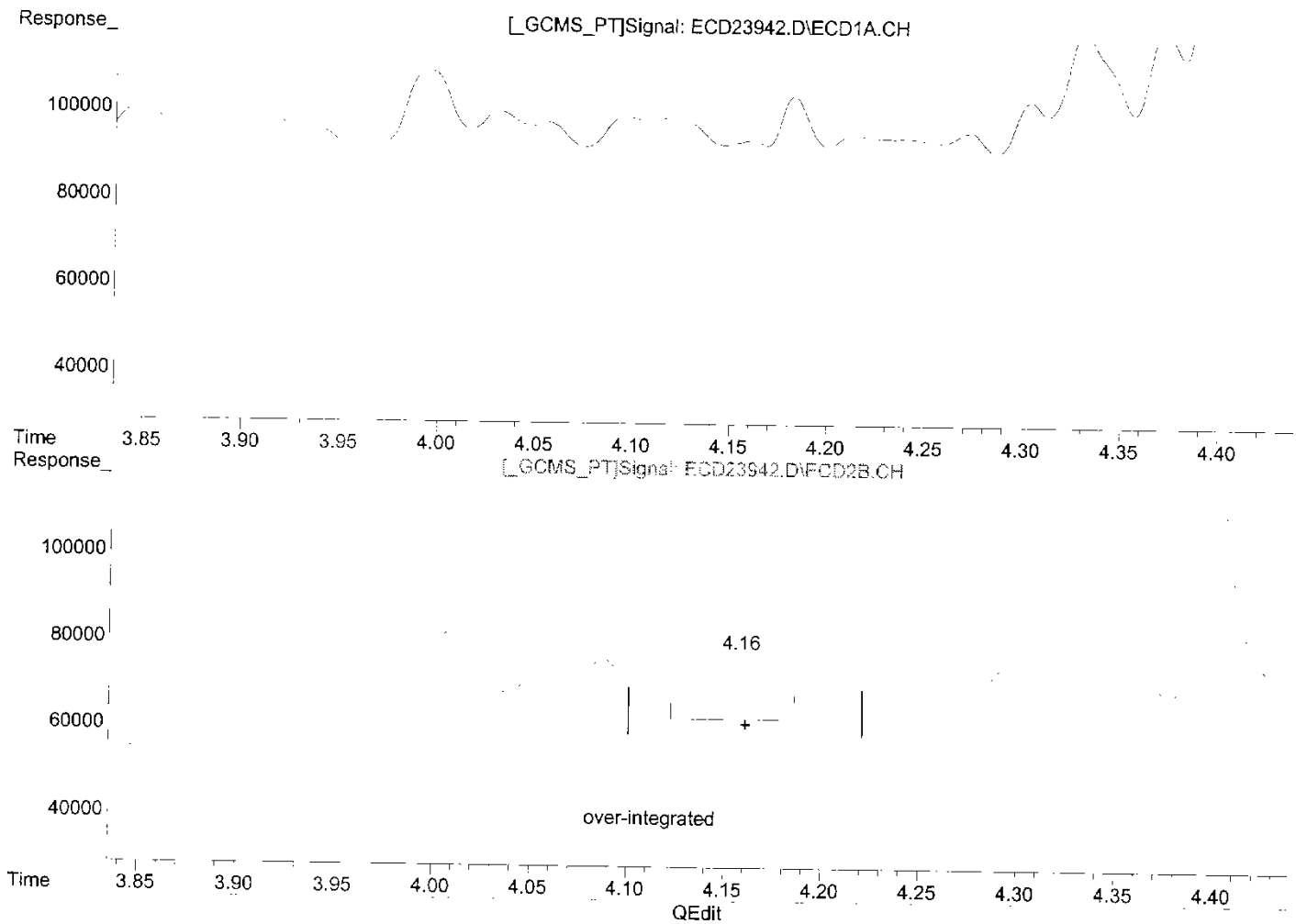
		Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
		System Monitoring Compounds						
2)	SR	Tetrachloro-m-xy	5.40	6.44	16731750	12184304	6.195	6.582
		Spiked Amount 20.000	Range 60 - 150		Recovery =		30.98%#	32.91%#
26)	SR	Decachlorobiphen	11.18	12.36	10642711	6938966	6.920	9.212 #
		Spiked Amount 20.000	Range 60 - 150		Recovery =		34.60%#	46.06%#
		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. d	N.D. d
4)	T	Hexachlorobenzen	5.87	7.04	385940	142308	0.101m	0.072m#
5)	M	gamma-BHC (Linda	6.33f	7.34	588496	127774	0.169m	0.060m#
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.
8)	M	Heptachlor	6.81f	8.04	440340	291168	0.143m	0.147m
9)	M	Aldrin	7.13	0.00	54095	0	<MDL	N.D. d#
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. 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	8.54	0.00	548376	0	0.218	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.
18)		Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19)	M	4,4'-DDT	9.30	10.33	2199379	97145	1.605	0.111m#
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.
ECD23942.D 070313_8081.M Tue Apr 10 16:35:17 2007

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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)

3.19min 0.018ug/L

response 90845

(1) Hexachlorobutadiene #2 (T)

4.16min 0.101ug/L

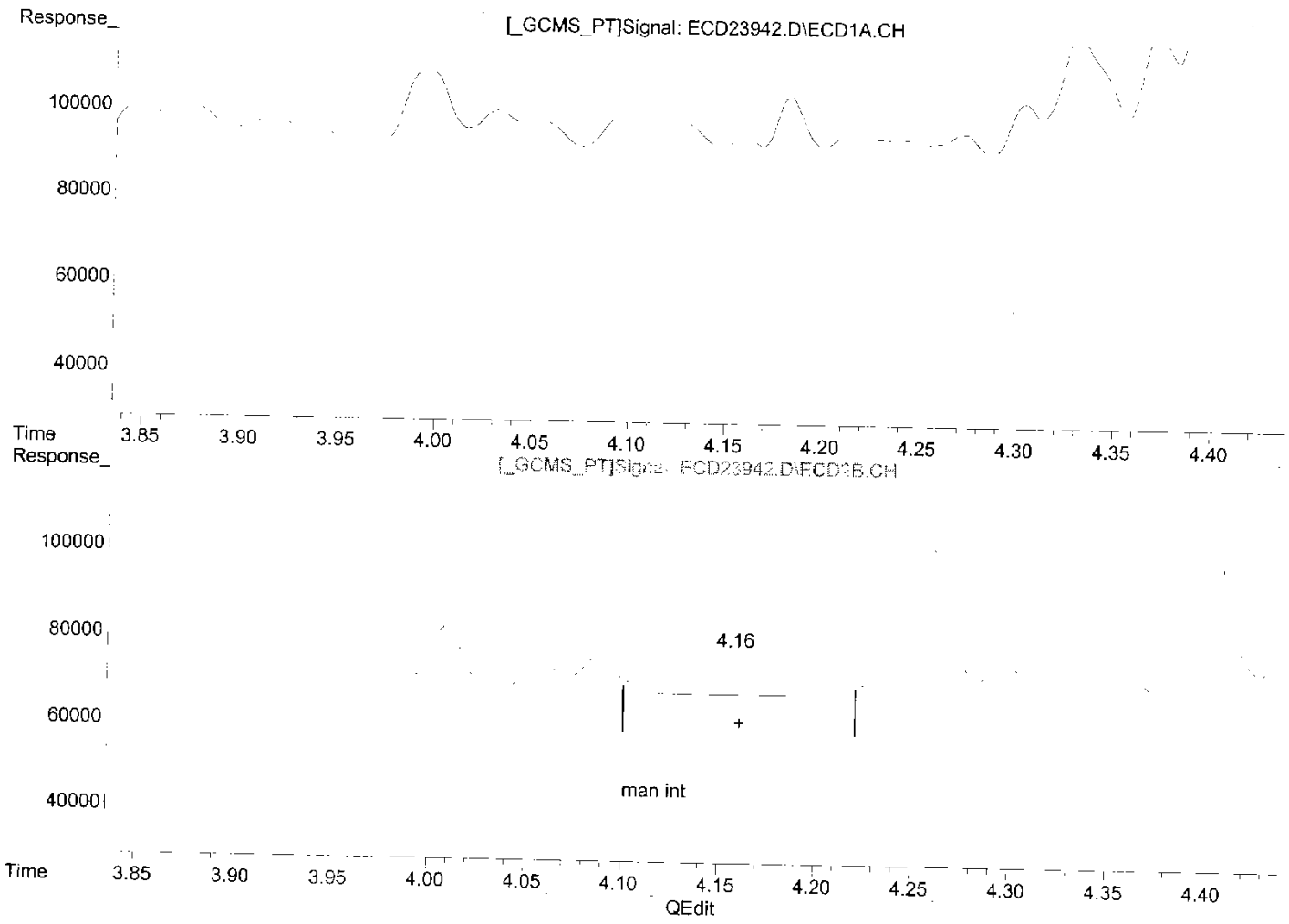
response 347444

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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)

3.19min 0.018ug/L

response 90845

(1) Hexachlorobutadiene #2 (T)

4.16min 0.042ug/L m

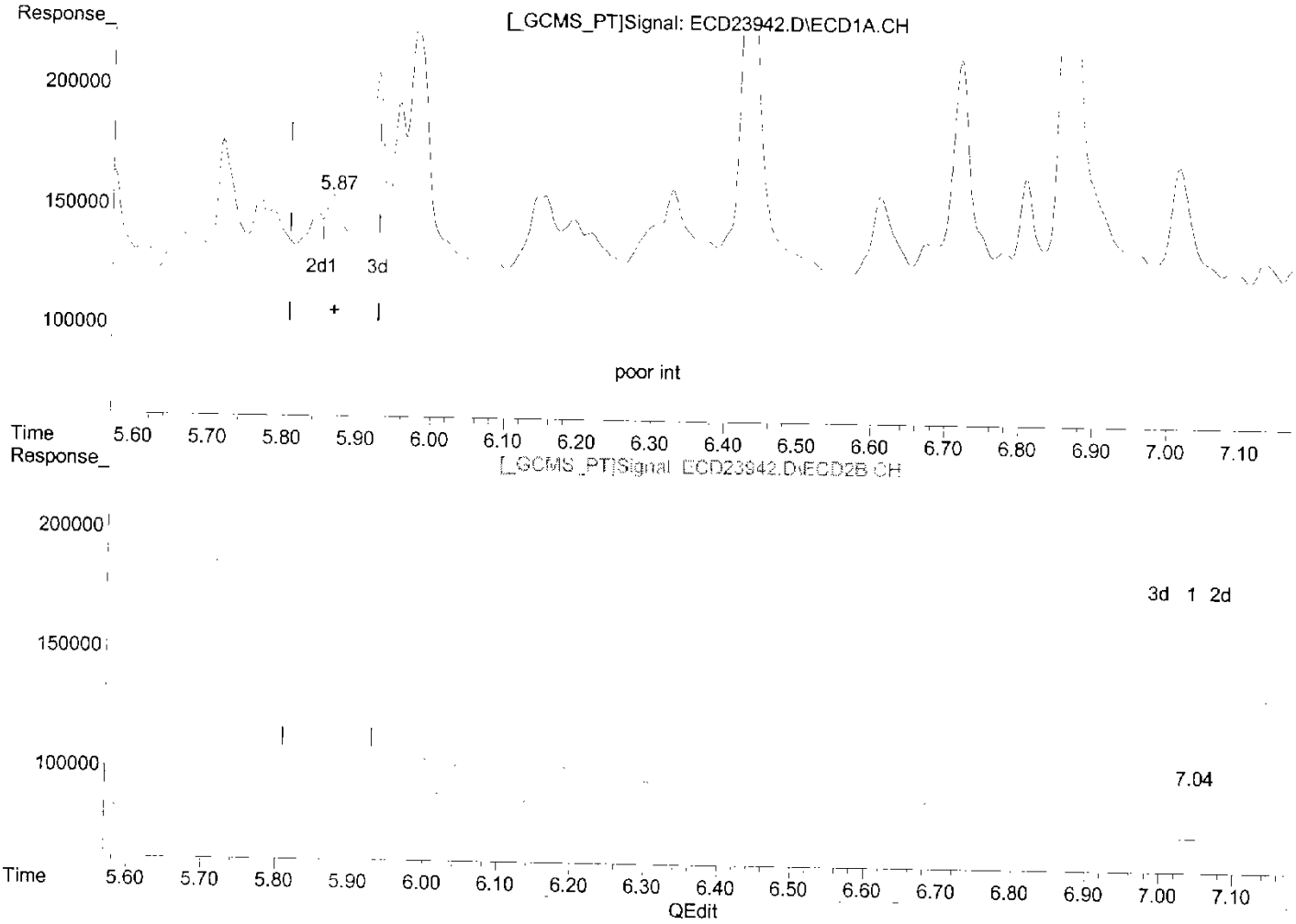
response 145624

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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)

5.87min 0.278ug/L

response 1062635

(4) Hexachlorobenzene #2 (T)

7.04min 0.164ug/L

response 323589

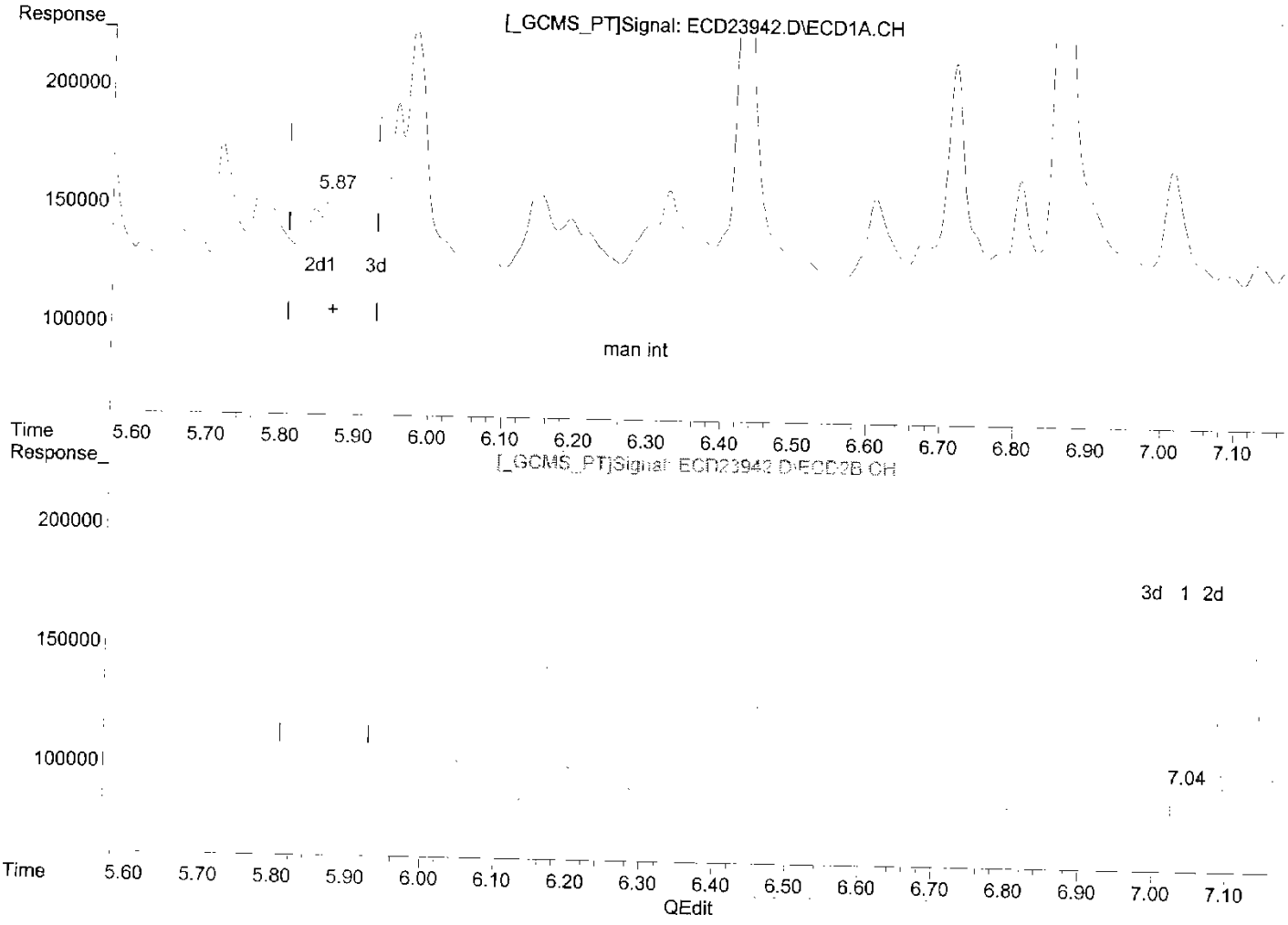
(+) = Expected Retention Time

ECD23942.D 070313_8081.M Tue Apr 10 15:40:39 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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)

5.87min 0.101ug/L m

response 385940

(4) Hexachlorobenzene #2 (T)

7.04min 0.072ug/L m

response 142308

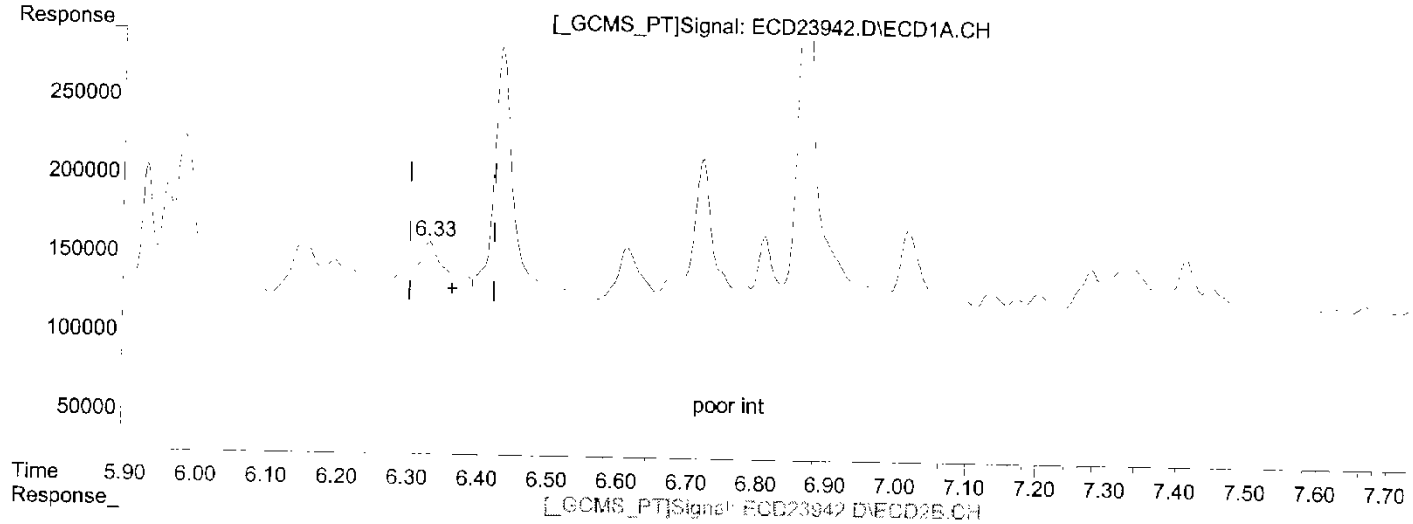
(+) = Expected Retention Time

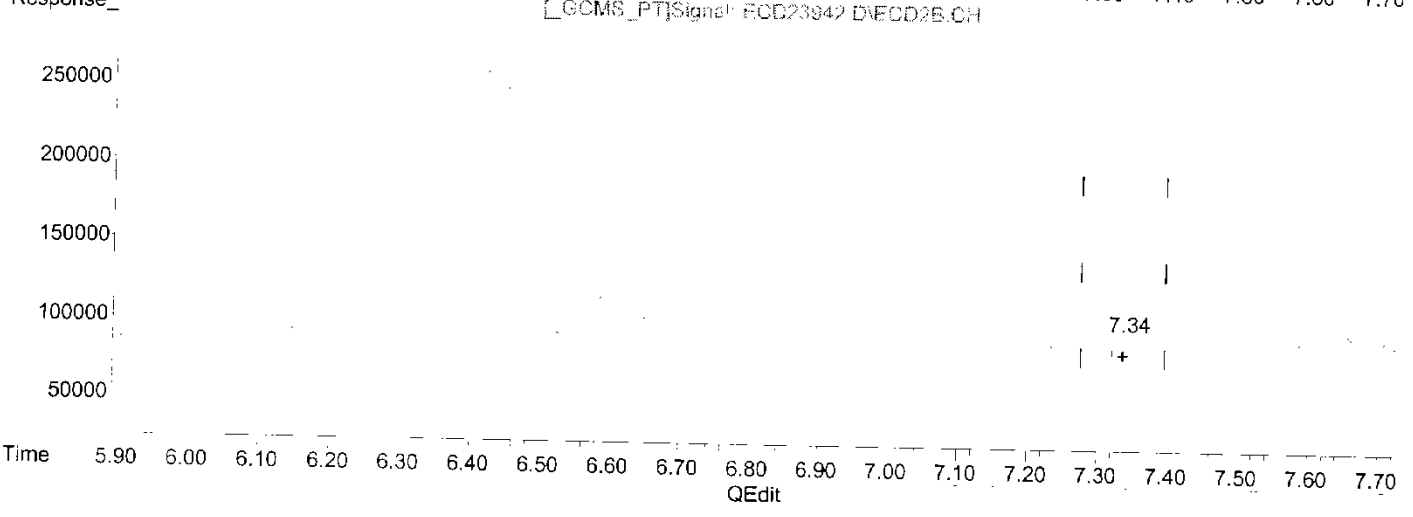
Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM
Sample : 580-5407-A-5-E
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 37
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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)

6.33min 0.548ug/L

response 1907590

(5) gamma-BHC (Lindane) #2 (M)

7.34min 0.184ug/L

response 395302

(+) = Expected Retention Time

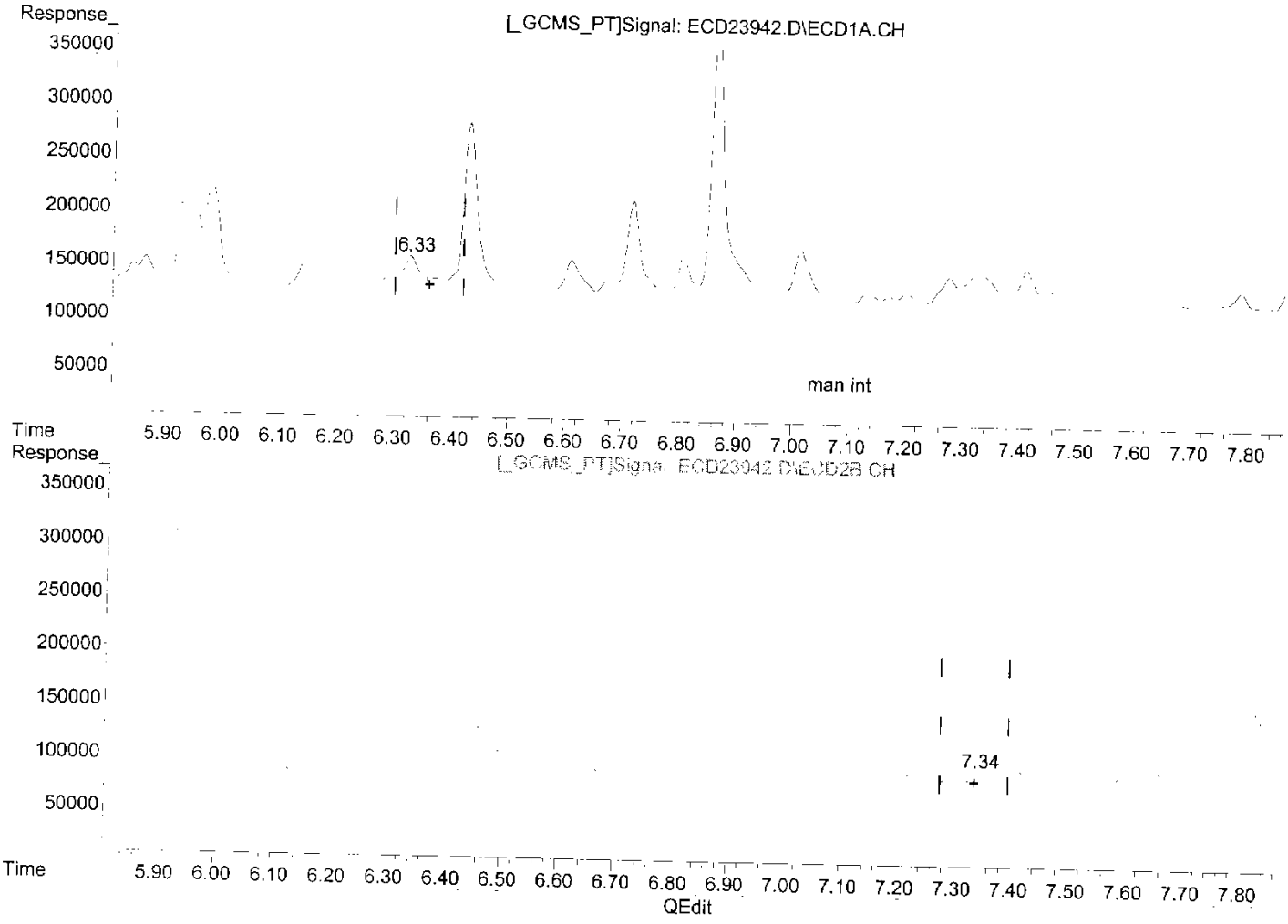
Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM
Sample : 580-5407-A-5-E
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 37

Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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)

6.33min 0.169ug/L m

response 588496

(5) gamma-BHC (Lindane) #2 (M)

7.34min 0.060ug/L m

response 127774

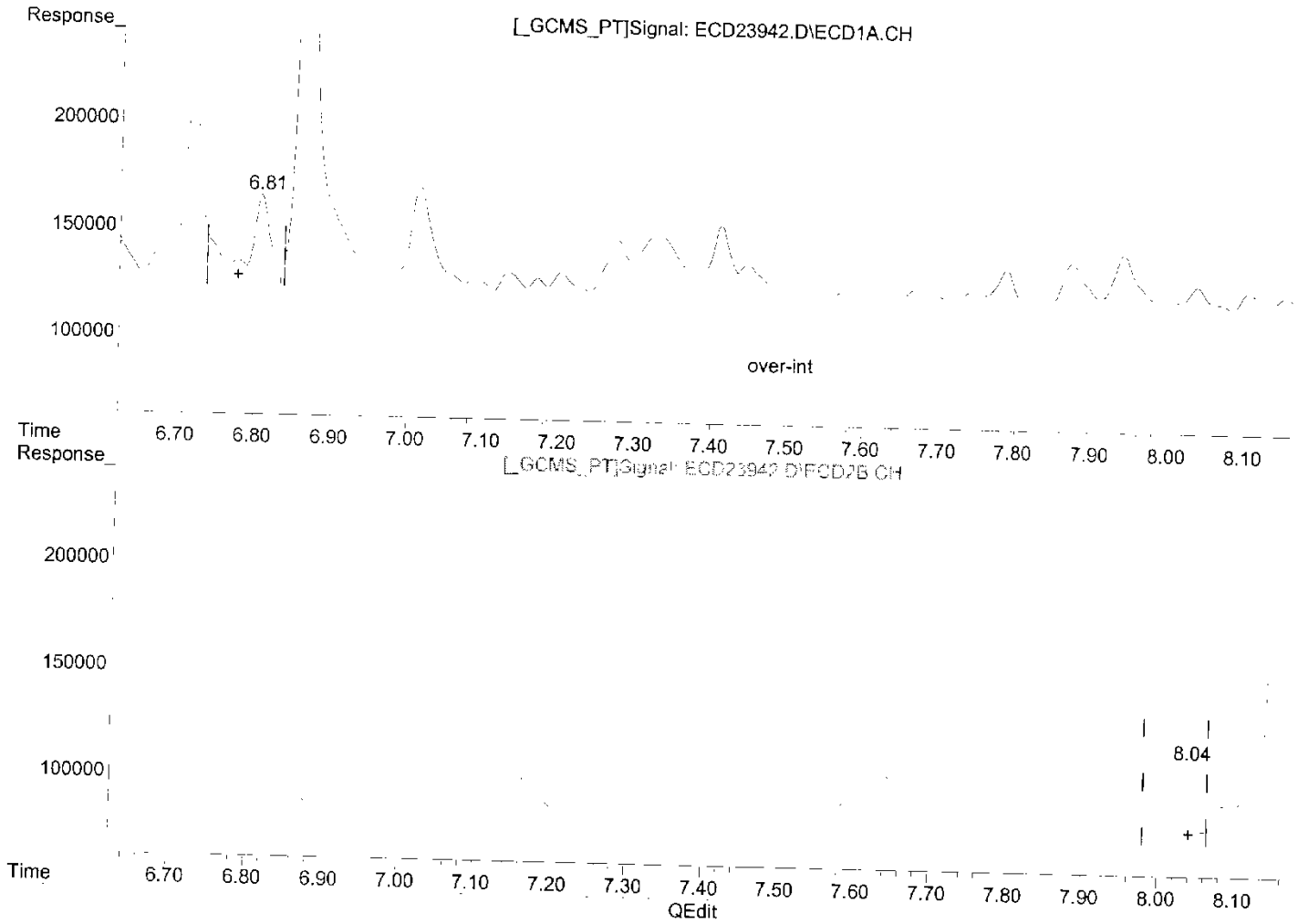
(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM
Sample : 580-5407-A-5-E
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 37
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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 0.211ug/L

response 650033

(8) Heptachlor #2 (M)

8.04min 0.353ug/L

response 698687

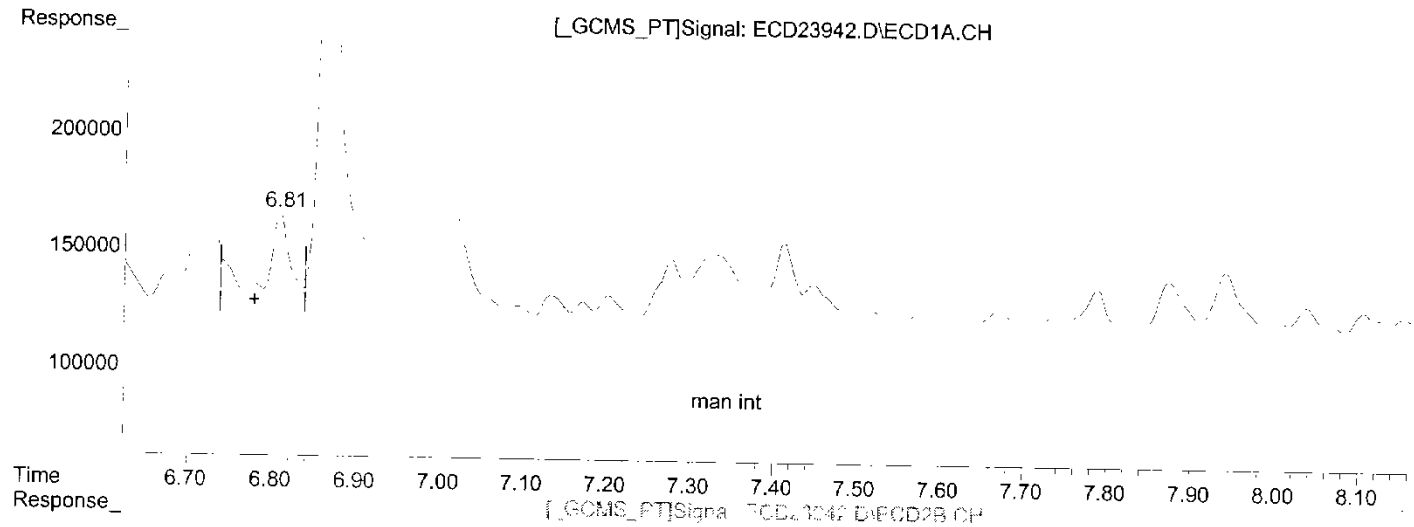
(+) = Expected Retention Time

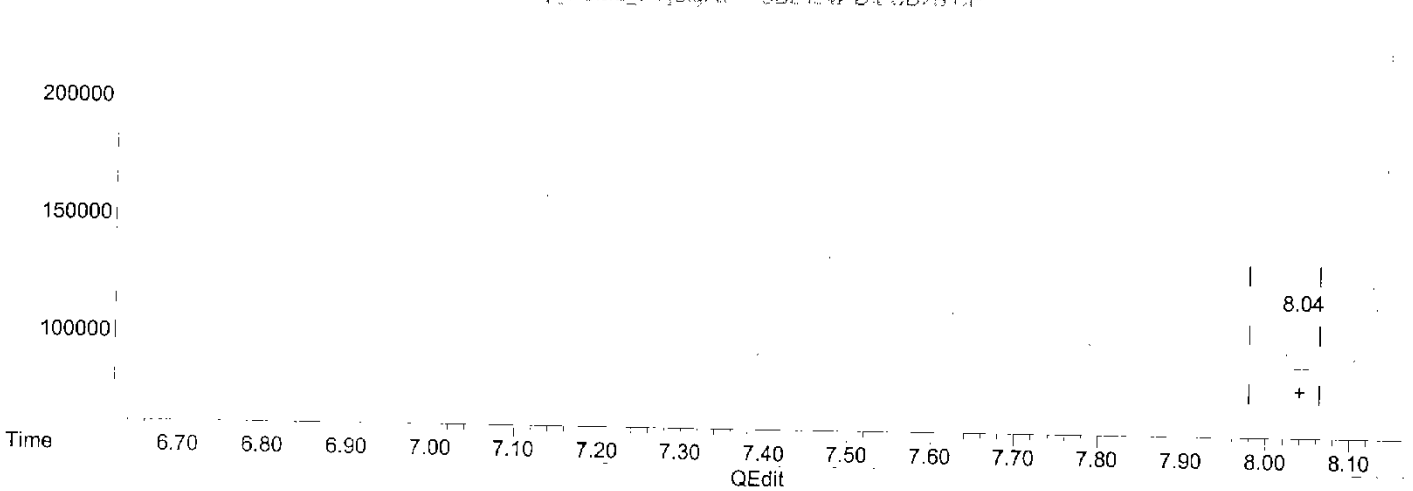
Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM
Sample : 580-5407-A-5-E
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 37
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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 0.143ug/L m

response 440340

(8) Heptachlor #2 (M)

8.04min 0.147ug/L m

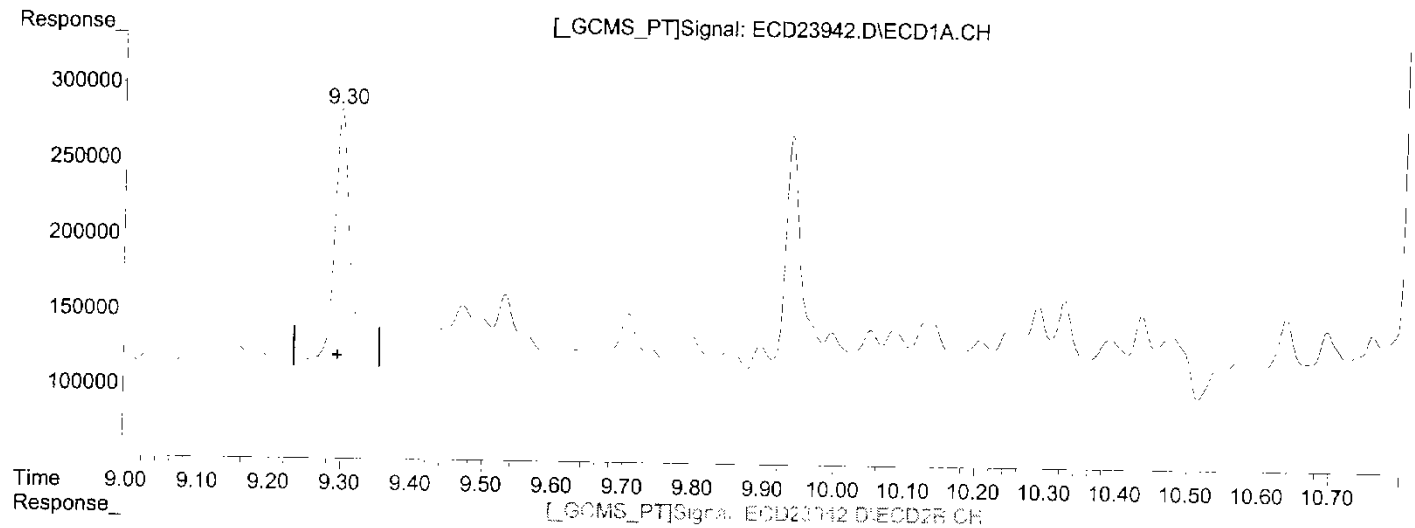
response 291168

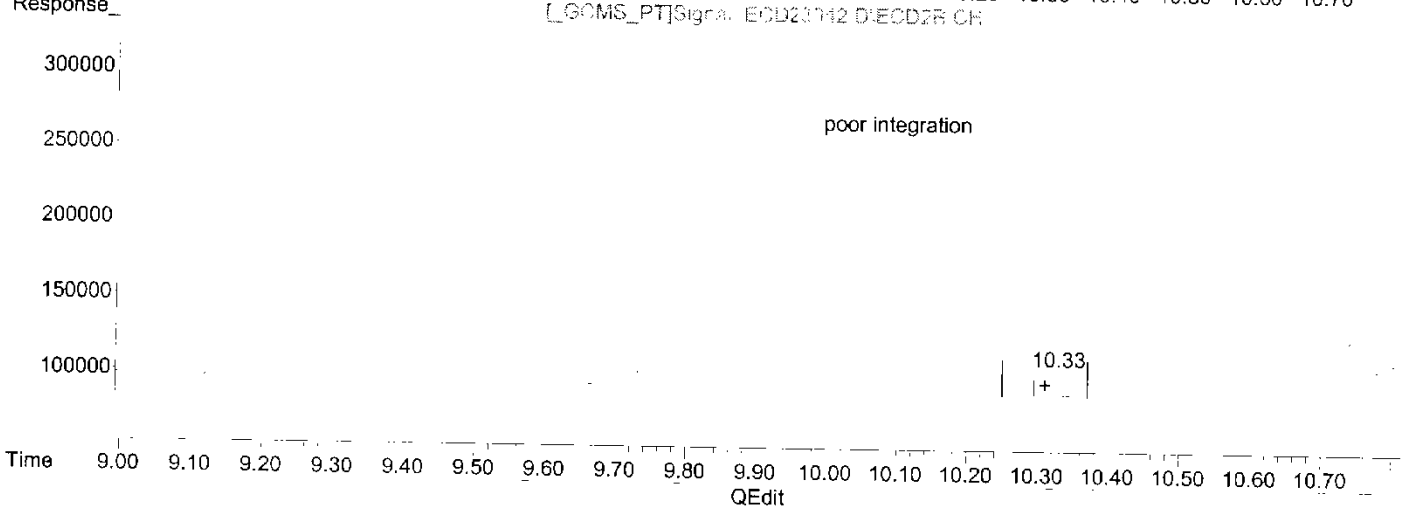
(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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 1.605ug/L

response 2199379

(19) 4,4'-DDT #2 (M)

10.33min 0.544ug/L

response 474520

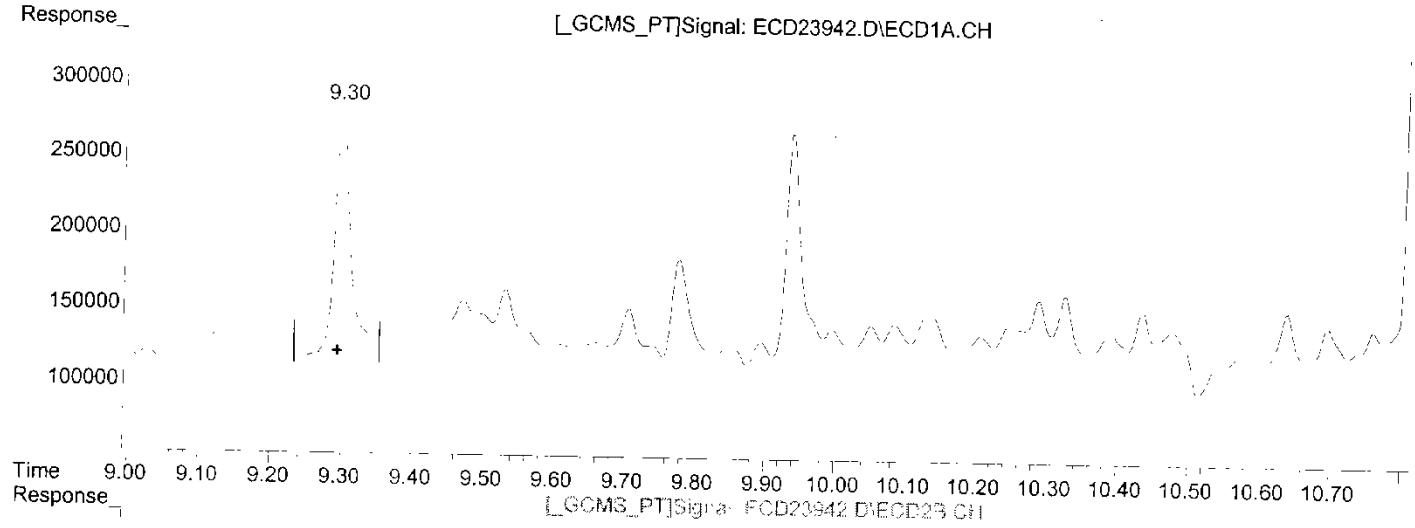
(+) = Expected Retention Time

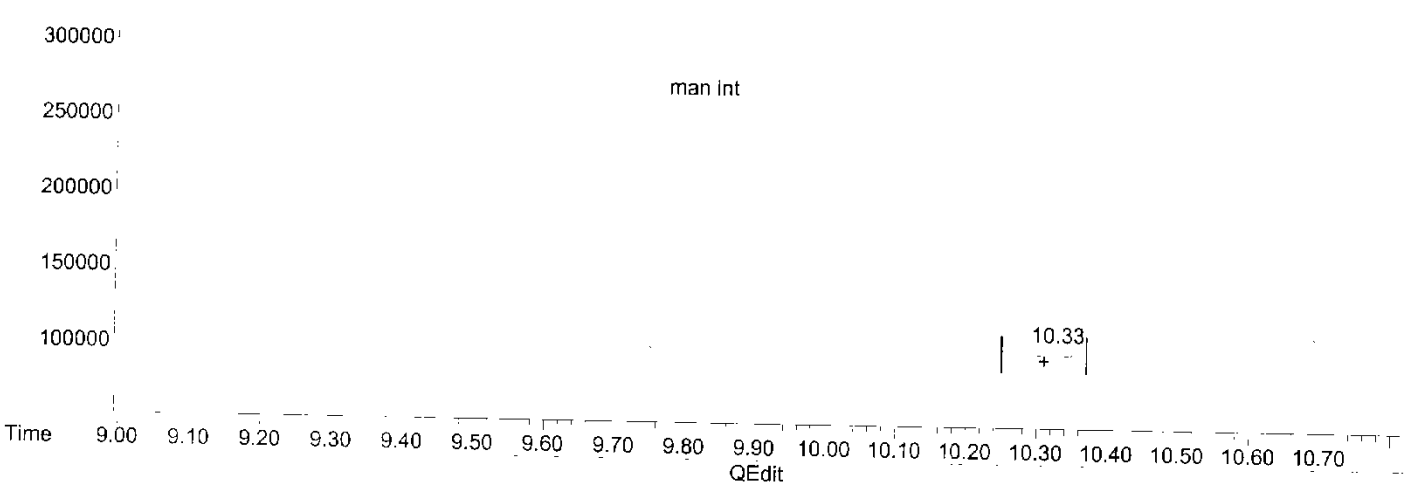
Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM
Sample : 580-5407-A-5-E
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 37
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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 1.605ug/L

response 2199379

(19) 4,4'-DDT #2 (M)

10.33min 0.111ug/L m

response 97145

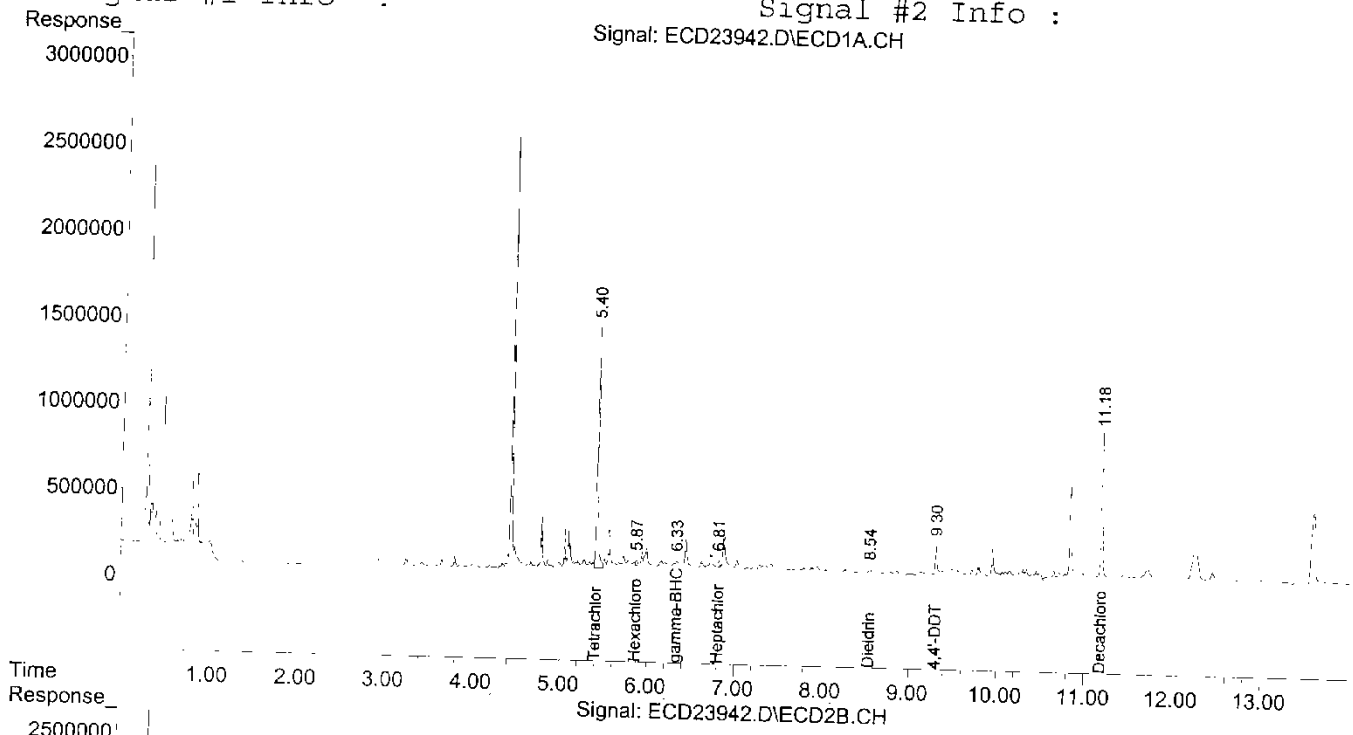
(+) = Expected Retention Time

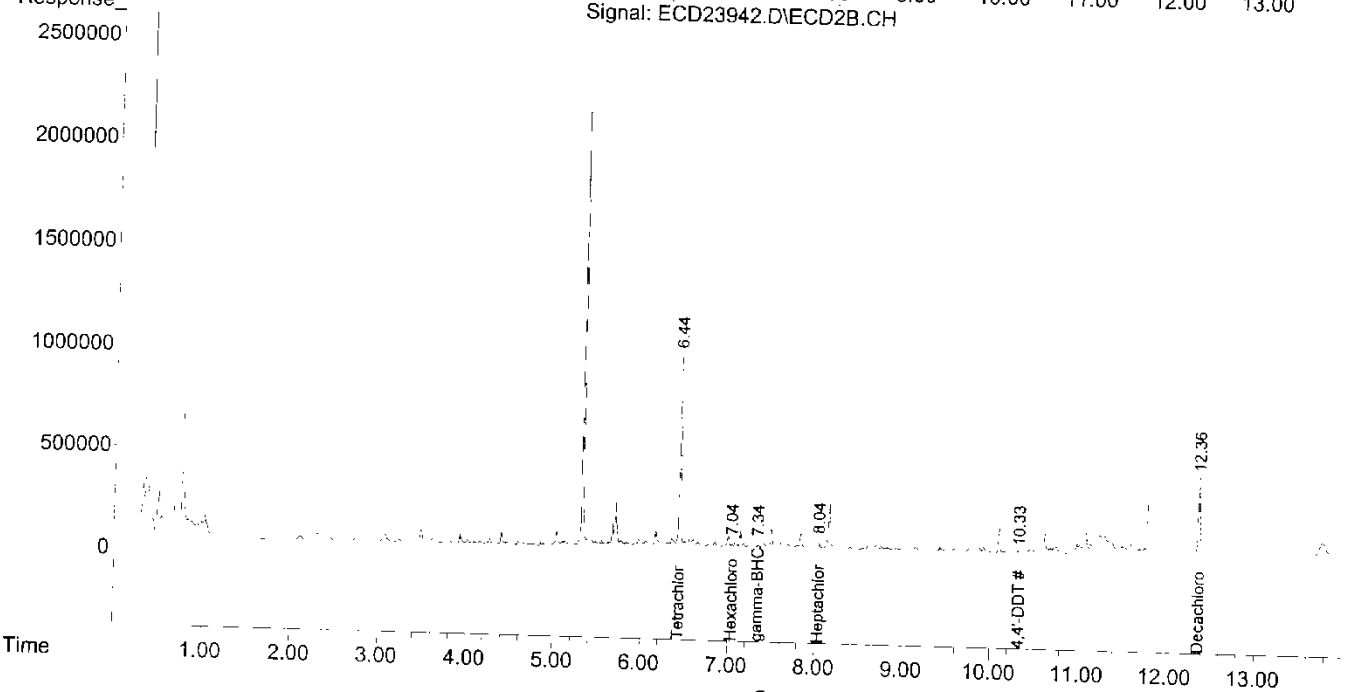
Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 10 16:34 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\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 15:44:24 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 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	16731750	12184304	6.195	6.582	
		Spiked Amount 20.000	Range 60 - 150				Recovery =	30.98%#	32.91%#
26)	SR	Decachlorobiphen	11.18	12.36	10642711	6938966	6.920	9.212	#
		Spiked Amount 20.000	Range 60 - 150				Recovery =	34.60%#	46.06%#
		Target Compounds							
1)	T	Hexachlorobutadi	3.19f	4.16	90845	347444	0.018 NTA	0.101	#
3)		alpha-BHC	5.96	6.93	905533	266886	0.226 NTA	0.107	#
4)	T	Hexachlorobenzen	5.87	7.04	1062635	323589	0.278	0.164	#
5)	M	gamma-BHC (Linda	6.33f	7.34	1907590	395302	0.548	0.184	#
6)		beta-BHC	6.67	7.68	251180	393151	0.168 NTA	0.424	#
7)		delta-BHC	7.01	0.00	927247	0	0.291 NTA	N.D.	#
8)	M	Heptachlor	6.81f	8.04	650033	698687	0.211	0.353	#
9)	M	Aldrin	7.13	8.39f	54095	358557	<MDL NC	0.191	#
10)		Heptachlor Epoxi	7.79	8.92	232941	224049	0.088 NTA	0.137	#
11)		gamma-Chlordane	8.04	9.21f	276005	297378	0.104 NTA	0.195	#
12)		alpha-Chlordane	8.11f	0.00	224149	0	0.087 NC	N.D.	#
13)		Endosulfan I	8.26f	0.00	439526	0	0.185 NTA	N.D.	#
14)		4,4'-DDE	0.00	9.42f	0	269852	N.D. NC	0.198	#
15)	M	Dieldrin	8.54	9.60	548376	140425	0.218 NC	<MDL	#
16)	M	Endrin	8.85	9.87	396725	256237	0.214 NTA	0.210	
17)		4,4'-DDD	9.03	0.00	116861	0	0.058 NC	N.D.	#
18)		Endosulfan II	9.15	10.09f	208314	1707640	0.103 NTA	1.450	#
19)	M	4,4'-DDT	9.30	10.33	2199379	474520	1.605	0.544	#
20)		Endrin Aldehyde	9.40	10.23f	173249	426797	0.110 NTA	0.474	#
21)		Endosulfan Sulfa	0.00	10.52	0	701616	N.D. NC	0.645	
22)		Methoxychlor	10.00	10.72	550871	589761	0.912 NTA	1.297	#
23)		Endrin Ketone	10.21	10.90	849246	394431	0.427 NTA	0.371	
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	ECD23942.D
Sample Name	580-5407-A-5-E
RT STD File Name	ECD22089.D

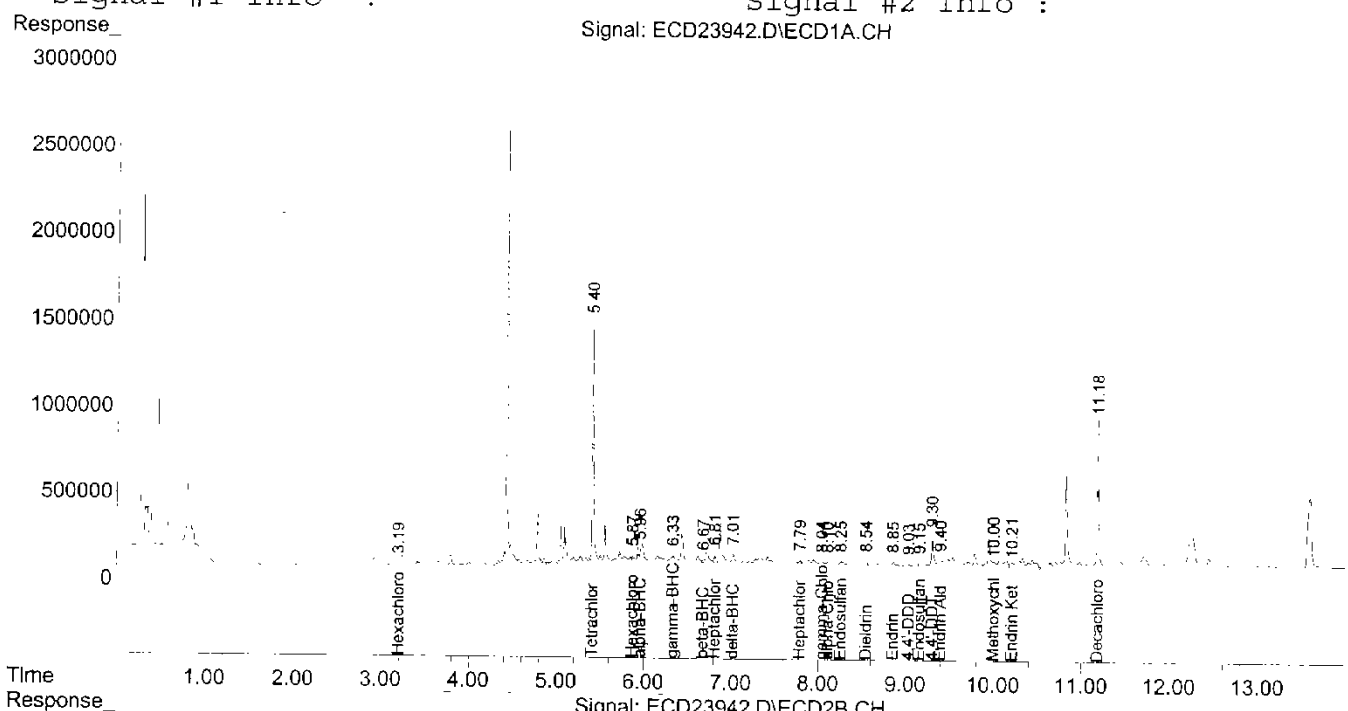
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	3.193	3.161	FAIL	4.156	4.161	PASS
Tetrachloro-m-xylene (S)	5.404	5.405	PASS	6.436	6.437	PASS
alpha-BHC	5.956	5.967	PASS	6.932	6.941	PASS
Hexachlorobenzene	5.866	5.869	PASS	7.040	7.040	PASS
gamma-BHC (Lindane)	6.328	6.361	FAIL	7.338	7.337	PASS
beta-BHC	6.673	6.659	PASS	7.685	7.659	PASS
delta-BHC	7.015	6.989	PASS	0.000	7.966	FAIL
Heptachlor	6.808	6.779	PASS	8.037	8.041	PASS
Aldrin	7.132	7.141	PASS	8.391	8.415	PASS
Heptachlor Epoxide	7.788	7.773	PASS	8.918	8.906	PASS
gamma-Chlordane	8.037	8.036	PASS	9.205	9.251	FAIL
alpha-Chlordane	8.106	8.143	FAIL	0.000	9.304	FAIL
Endosulfan I	8.255	8.199	FAIL	0.000	9.304	FAIL
4,4'-DDE	0.000	8.386	FAIL	9.417	9.462	FAIL
Dieldrin	8.542	8.514	PASS	9.604	9.622	PASS
Endrin	8.850	8.852	PASS	9.865	9.866	PASS
4,4'-DDD	9.028	9.008	PASS	0.000	10.006	FAIL
Endosulfan II	9.150	9.142	PASS	10.092	10.140	FAIL
4,4'-DDT	9.299	9.295	PASS	10.325	10.312	PASS
Endrin Aldehyde	9.398	9.383	PASS	10.227	10.249	PASS
Endosulfan Sulfate	0.000	9.594	FAIL	10.517	10.521	PASS
Methoxychlor	9.996	10.003	PASS	10.720	10.718	PASS
Endrin Ketone	10.207	10.196	PASS	10.901	10.907	PASS
Decachlorobiphenyl (S)	11.179	11.181	PASS	12.364	12.364	PASS

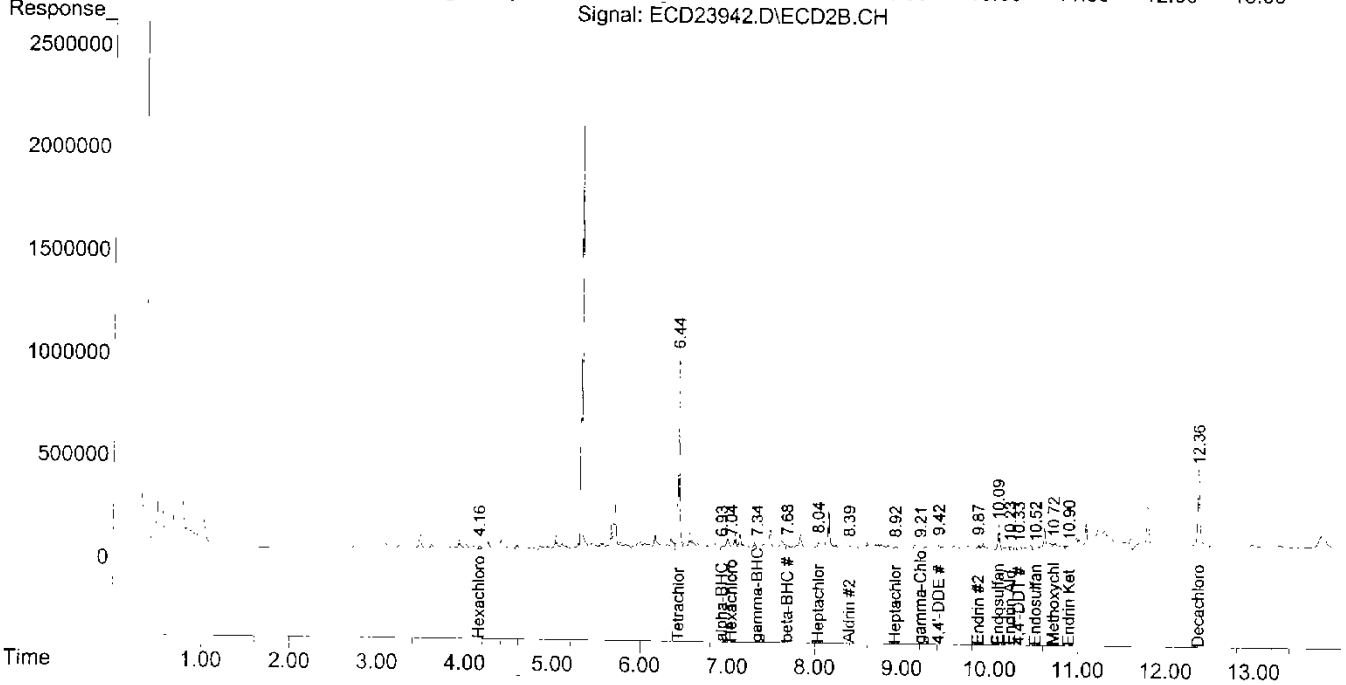
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23942.D\ECD1A.CH Vial: 37
Signal #2 : L:\DATA\070404_A\ECD23942.D\ECD2B.CH
Acq On : 4-4-2007 03:03:14 PM Operator: STM
Sample : 580-5407-A-5-E Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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 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\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 15:44:35 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

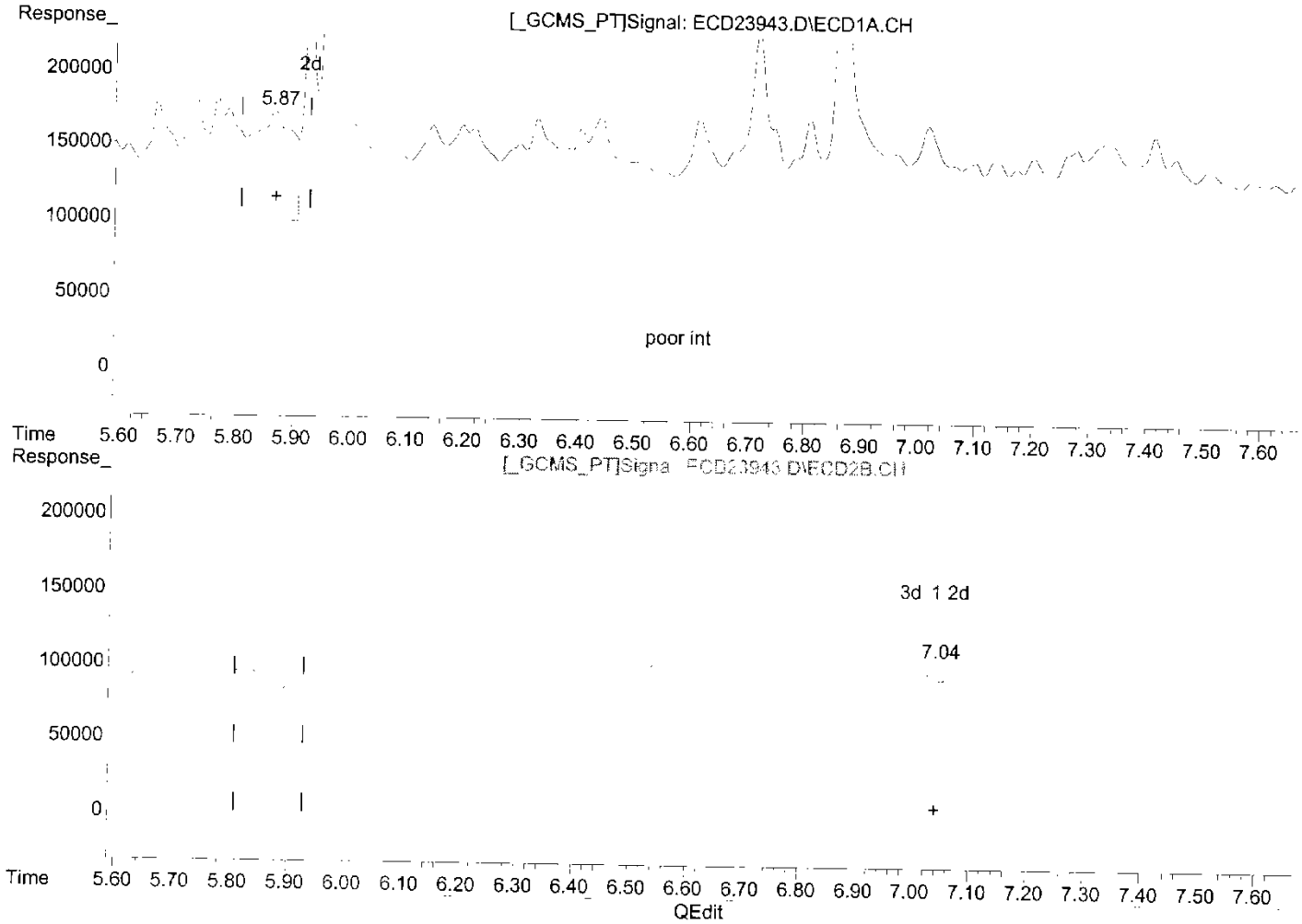
Volume Inj. : 1.0 ul
Signal #1 Phase : RTX-CLPesticides Signal #2 Phase: RTX-CLPesticides 2
Signal #1 Info : Signal #2 Info :

		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	28479935	19354604	10.545	10.455
		Spiked Amount 20.000	Range 60 - 150			Recovery =	52.73%#	52.28%#
26)	SR	Decachlorobiphen	11.18	12.36	11437526	7325567	7.437	9.725 #
		Spiked Amount 20.000	Range 60 - 150			Recovery =	37.19%#	48.62%#
		Target Compounds						
1)	T	Hexachlorobutadi	0.00	0.00	0	0	N.D. d	N.D.
3)		alpha-BHC	0.00	0.00	0	0	N.D. d	N.D. d
4)	T	Hexachlorobenzen	5.87	7.04	266267	118582	0.070m	0.060m
5)	M	gamma-BHC (Linda	0.00	0.00	0	0	N.D. d	N.D. d
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	6.79	8.04	219217	184662	0.071m	0.093m#
9)	M	Aldrin	7.13	8.39	158961	86735	0.052m	<MDL m#
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	0.00	0.00	0	0	N.D.	N.D. d
15)	M	Dieldrin	8.54	9.60	658538	156916	0.261m	0.108m#
16)	M	Endrin	0.00	0.00	0	0	N.D. d	N.D. d
17)		4,4'-DDD	9.00	10.00	146876	126405	0.073	0.113m#
18)		Endosulfan II	0.00	0.00	0	0	N.D. d	N.D. d
19)	M	4,4'-DDT	9.30	10.33	1187283	157460	0.866m	0.180m#
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\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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)

5.87min 0.878ug/L

response 3356461

(4) Hexachlorobenzene #2 (T)

7.04min 0.083ug/L

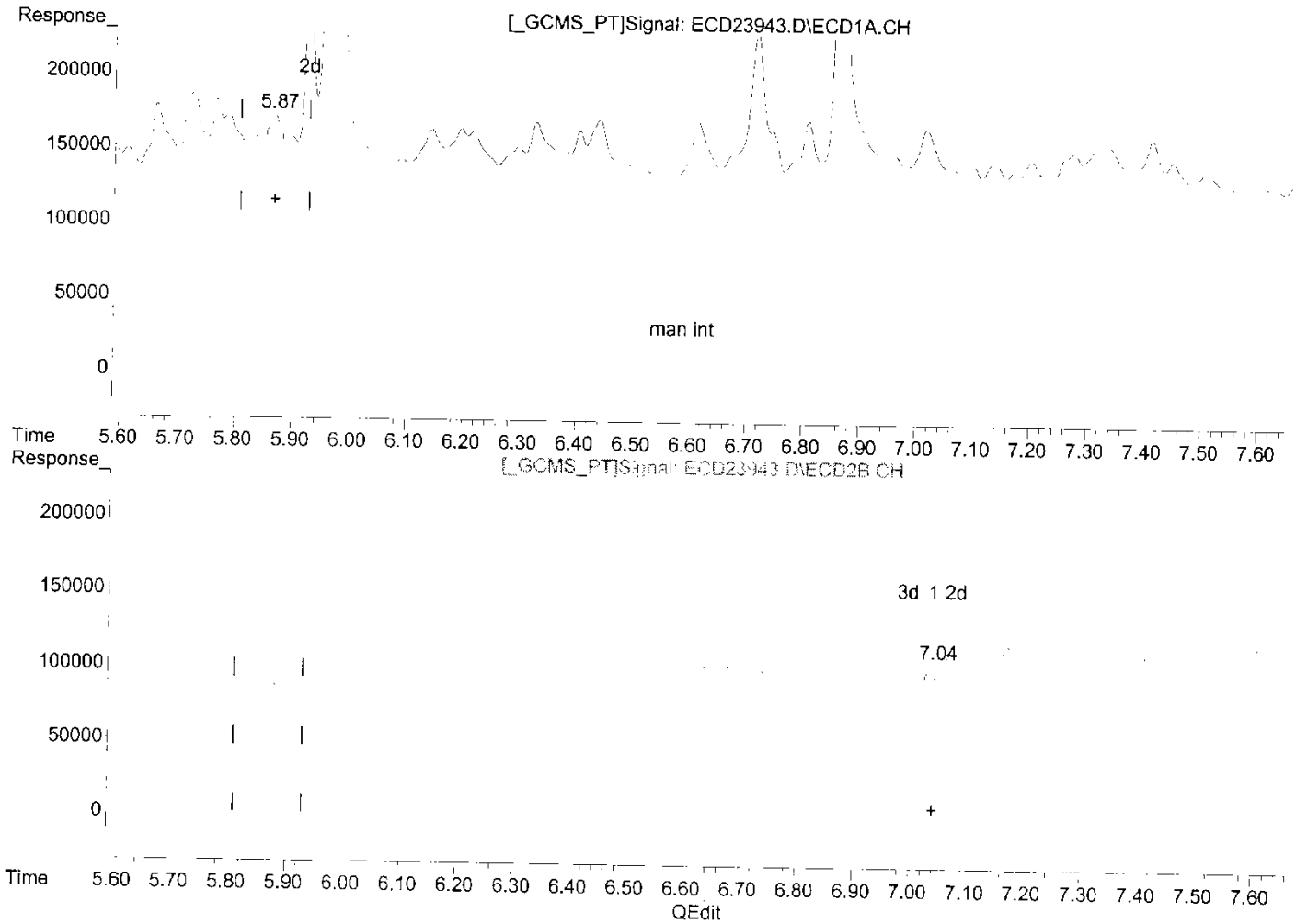
response 163500

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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)

5.87min 0.070ug/L m

response 266267

(4) Hexachlorobenzene #2 (T)

7.04min 0.060ug/L m

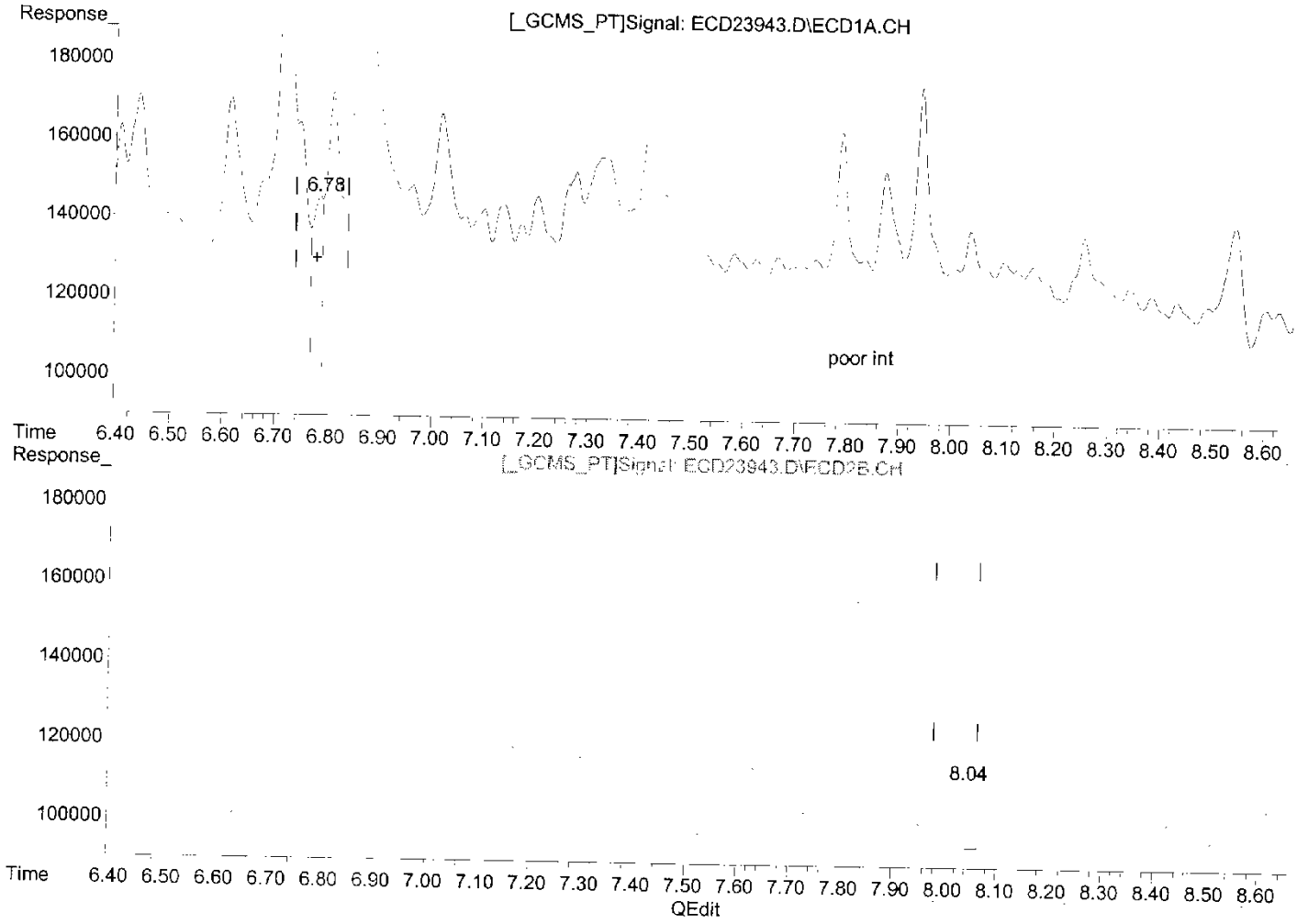
response 118582

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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 0.173ug/L

response 532915

(8) Heptachlor #2 (M)

8.04min 0.170ug/L

response 335167

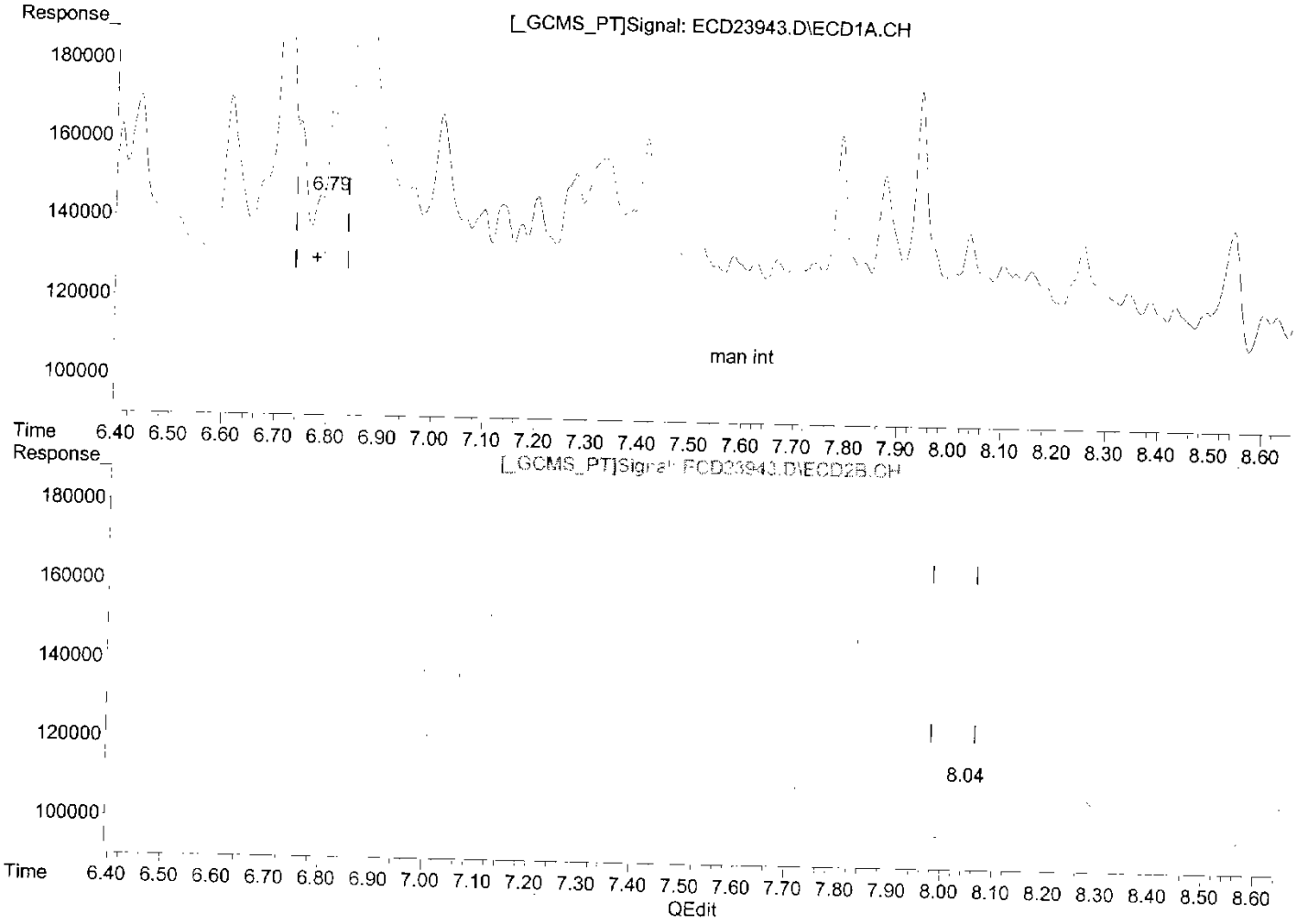
(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM
Sample : 580-5407-A-6-G
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 38
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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)

6.79min 0.071ug/L m

response 219217

(8) Heptachlor #2 (M)

8.04min 0.093ug/L m

response 184662

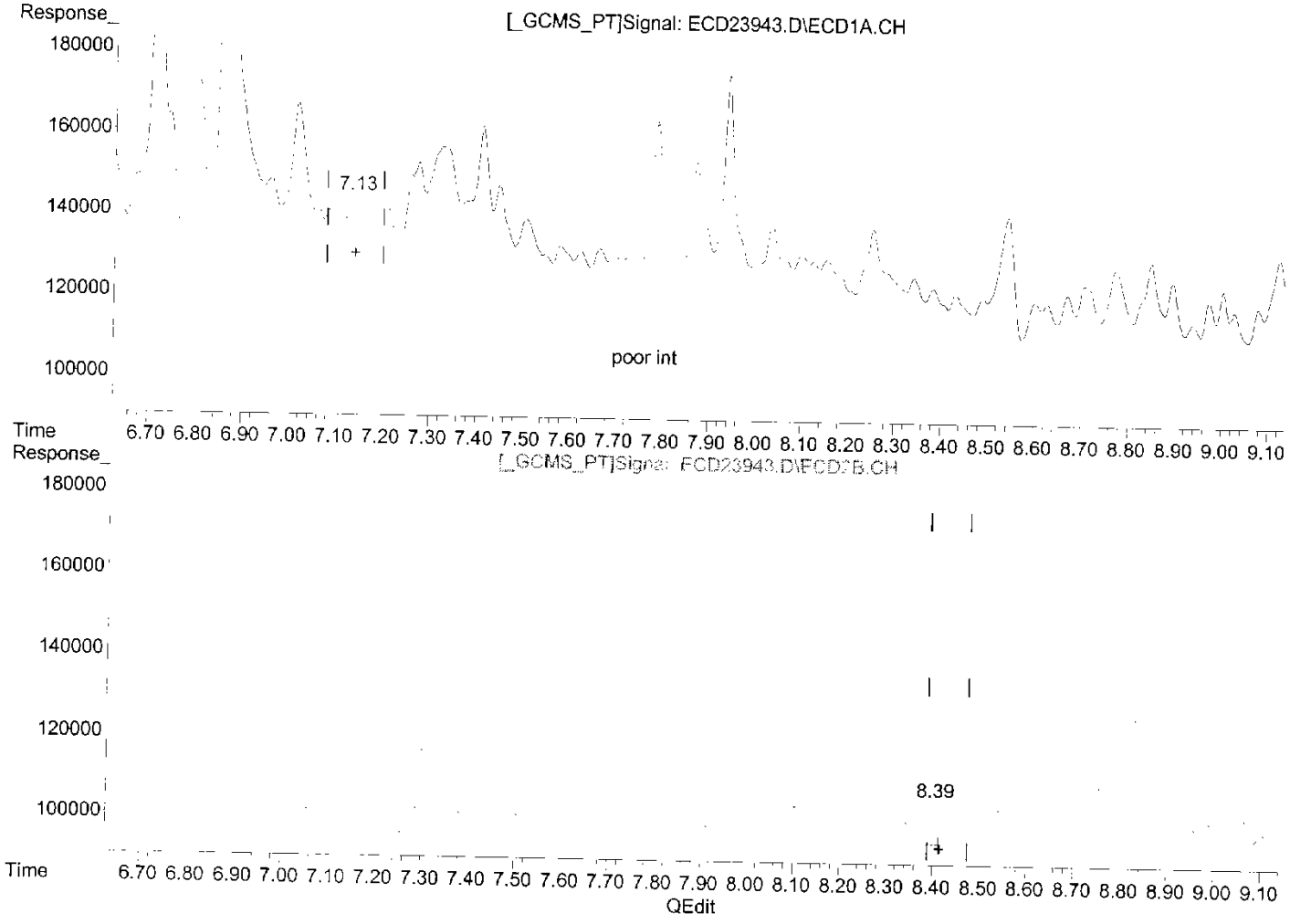
(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM
Sample : 580-5407-A-6-G
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 38
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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 0.310ug/L

response 949710

(9) Aldrin #2 (M)

8.40min 0.111ug/L

response 208573

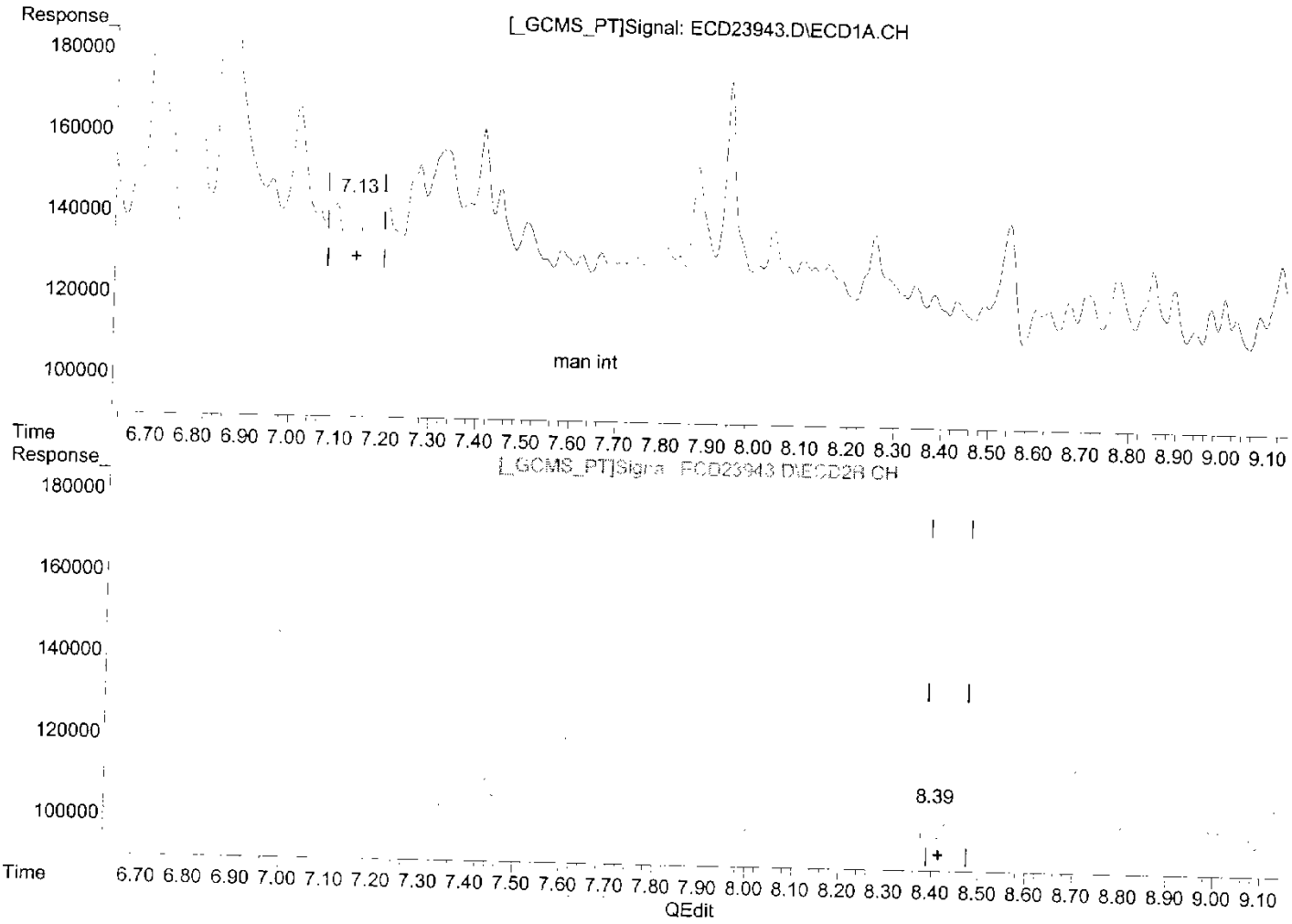
(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM
Sample : 580-5407-A-6-G
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 38
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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 0.052ug/L m

response 158961

(9) Aldrin #2 (M)

8.39min 0.046ug/L m

response 86735

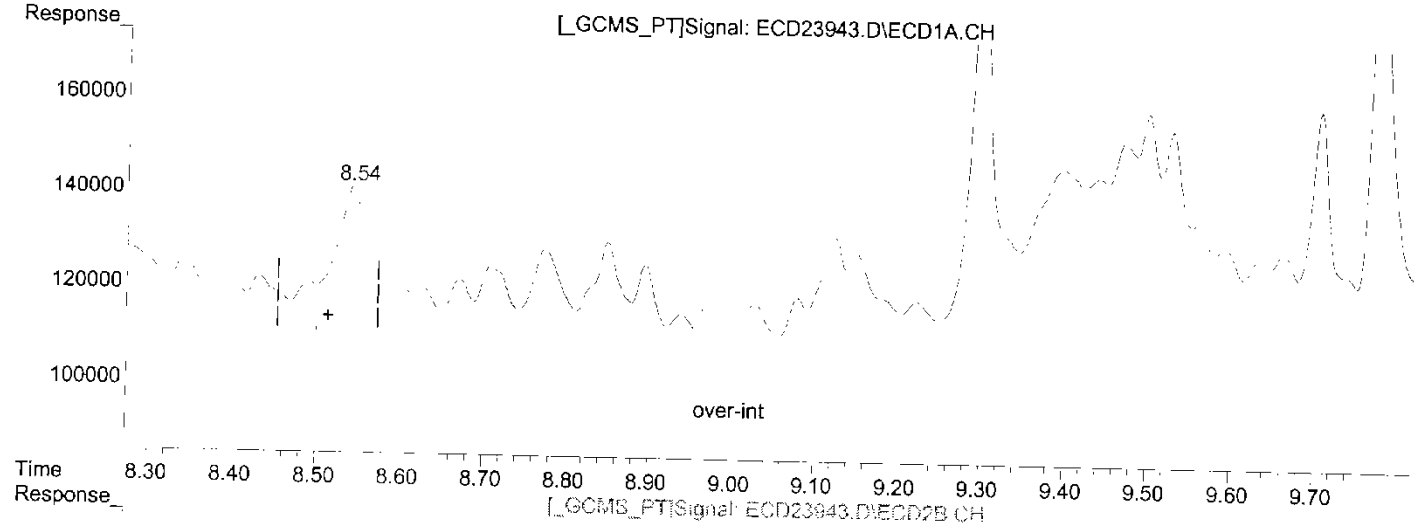
(+) = Expected Retention Time

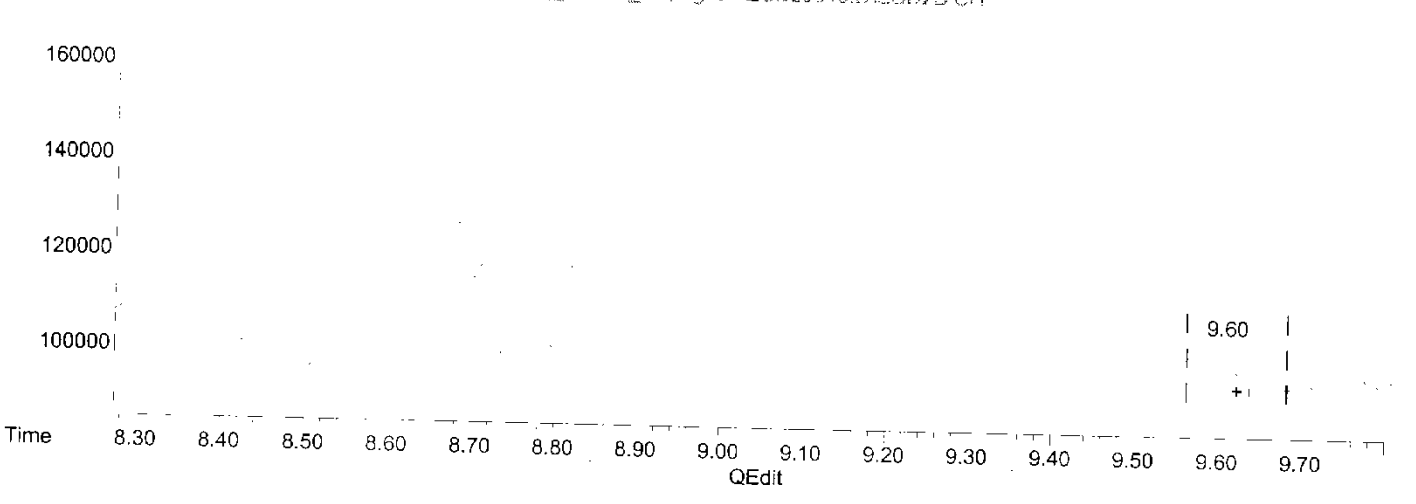
Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM
Sample : 580-5407-A-6-G
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 38
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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)

8.54min 0.319ug/L

response 805338

(15) Dieldrin #2 (M)

9.60min 0.124ug/L

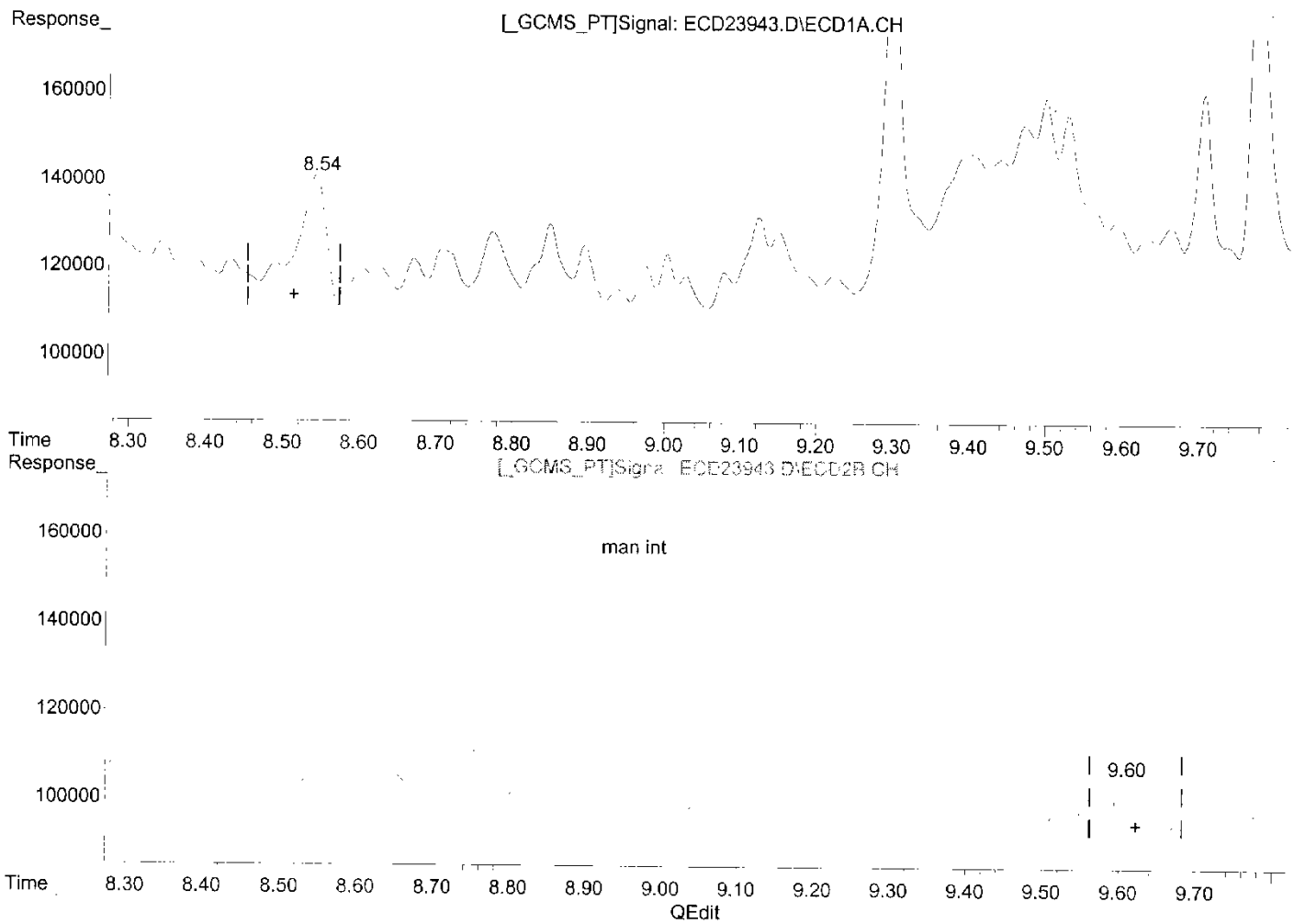
response 180469

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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)

8.54min 0.261ug/L m

response 658538

(15) Dieldrin #2 (M)

9.60min 0.108ug/L m

response 156916

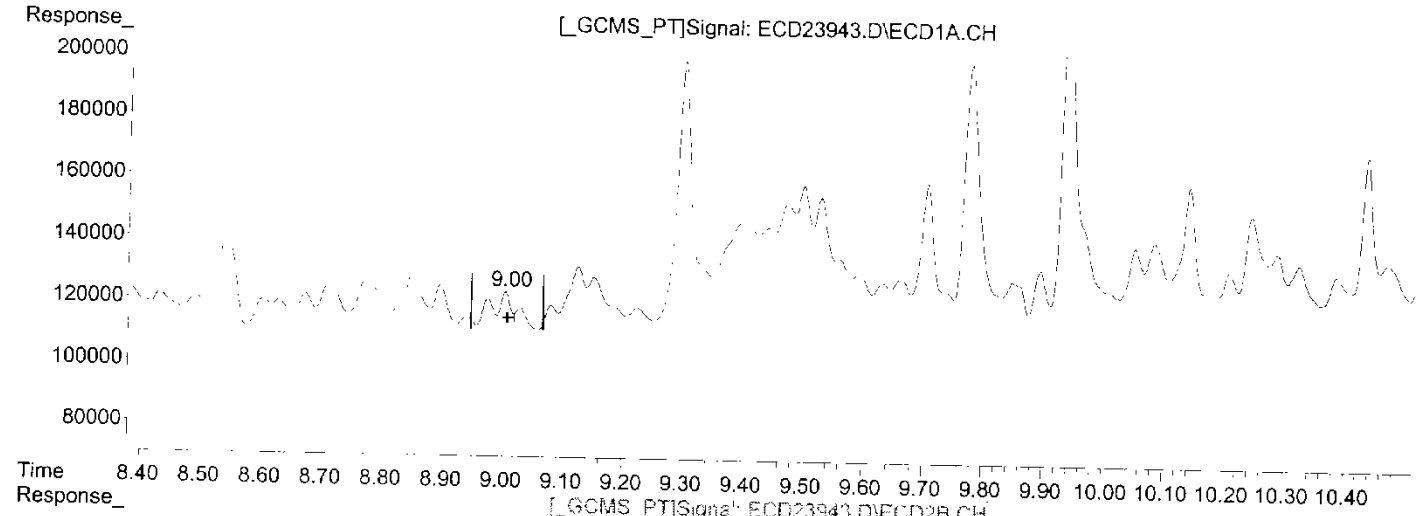
(+) = Expected Retention Time

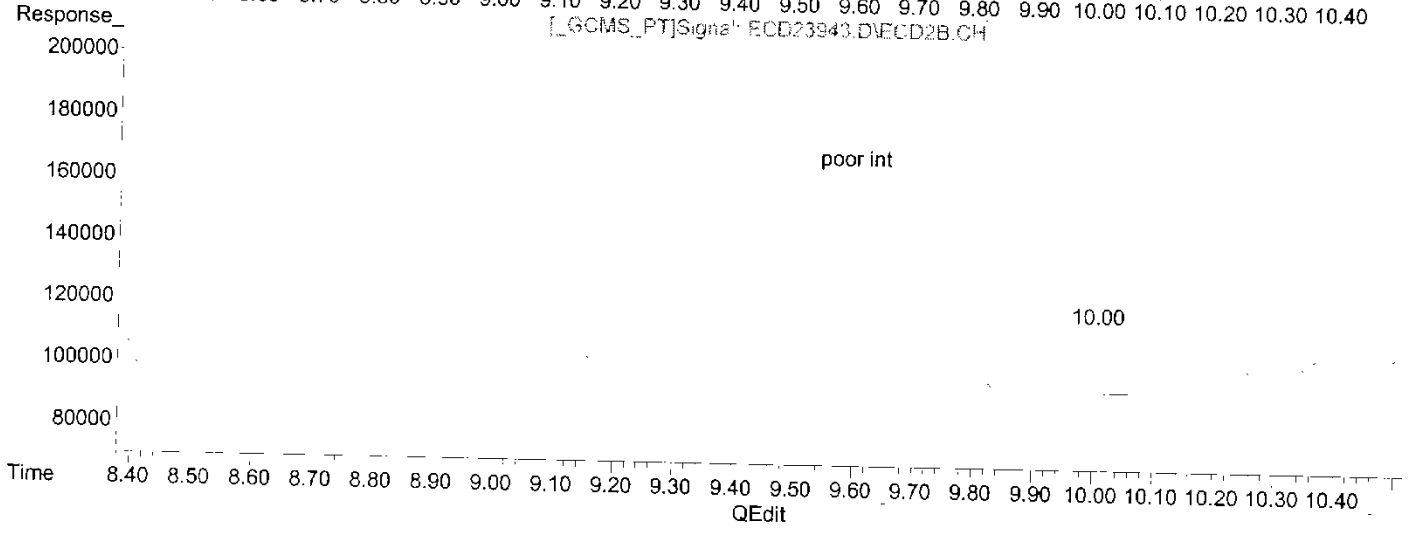
Quantification Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM
Sample : 580-5407-A-6-G
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 38
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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 0.073ug/L

response 146876

(17) 4,4'-DDD #2

10.00min 0.465ug/L

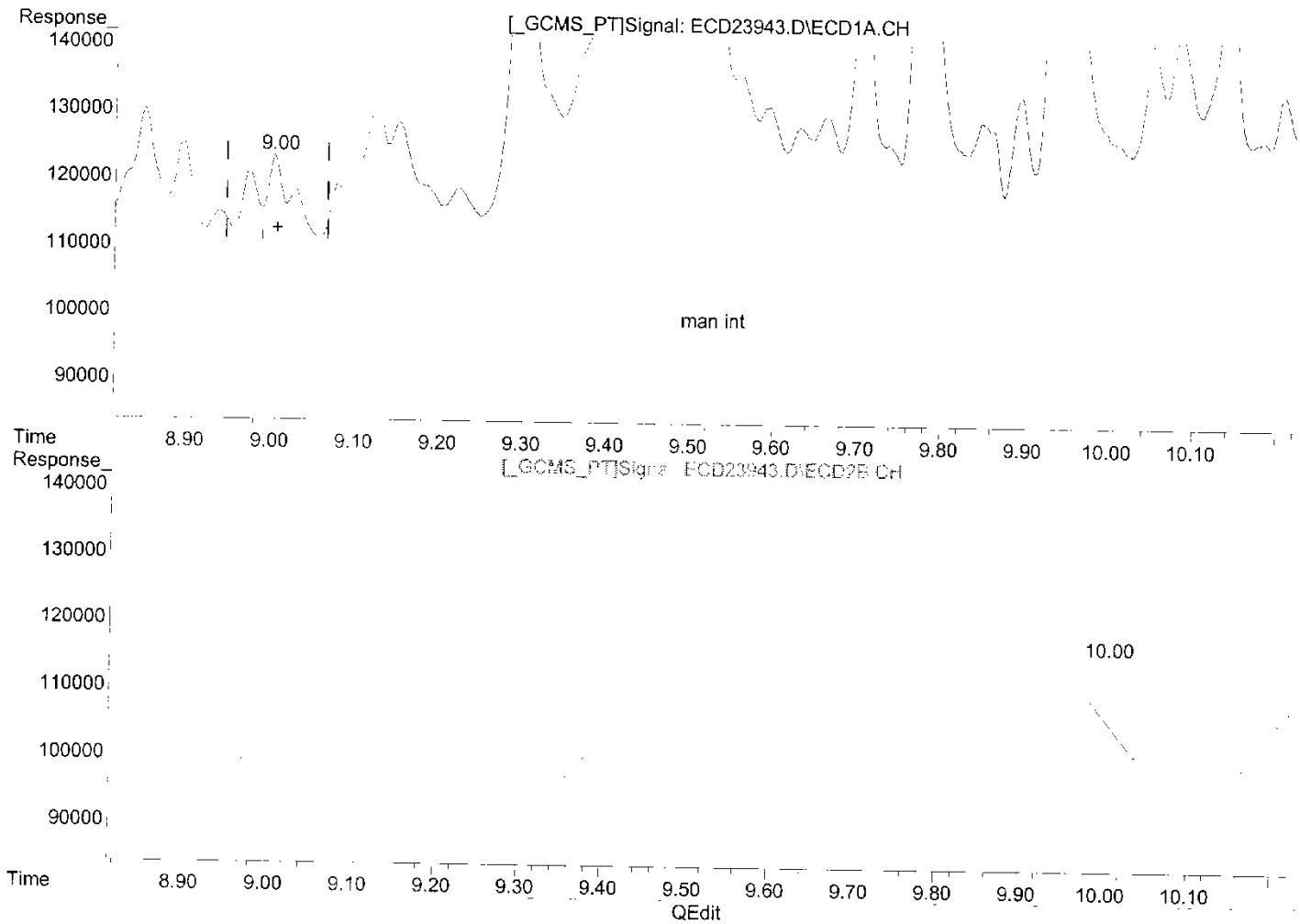
response 520790

(+) = Expected Retention Time

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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 0.073ug/L

response 146876

(17) 4,4'-DDD #2

10.00min 0.113ug/L m

response 126405

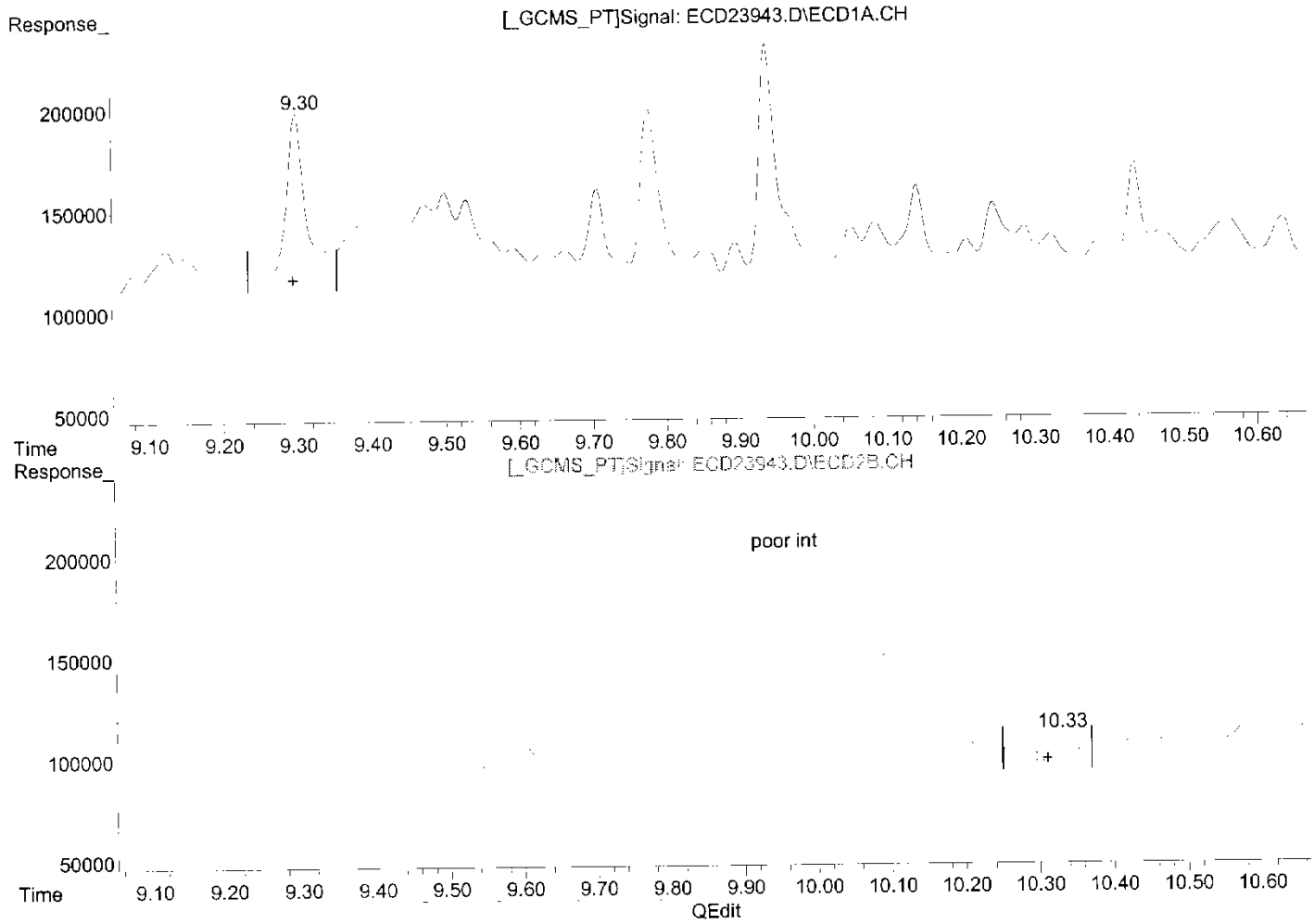
(+) = Expected Retention Time

Quantitation Report (QEdit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM
Sample : 580-5407-A-6-G
Misc : BT=SEA03517266
IntFile Signal #1: AUTOINT1.E
Quant Time: Apr 4 15:44 2007

Vial: 38
Operator: STM
Inst : SEA035
Multiplr: 1.00
IntFile Signal #2: AUTOINT2.E
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 1.248ug/L

response 1709559

(19) 4,4'-DDT #2 (M)

10.33min 0.326ug/L

response 284184

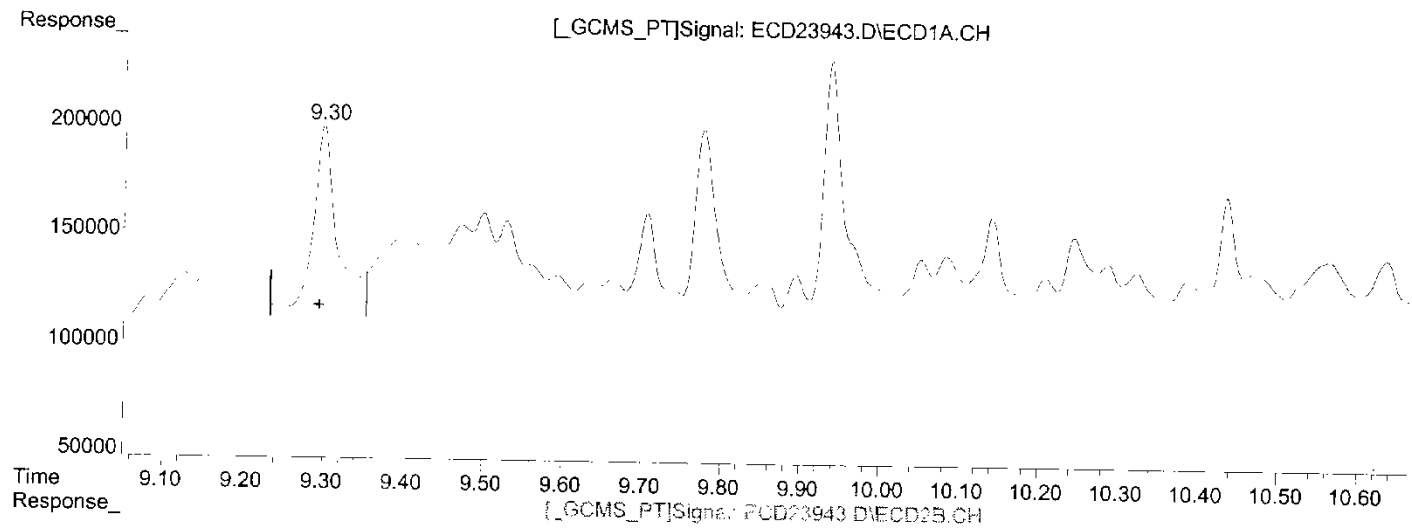
(+) = Expected Retention Time

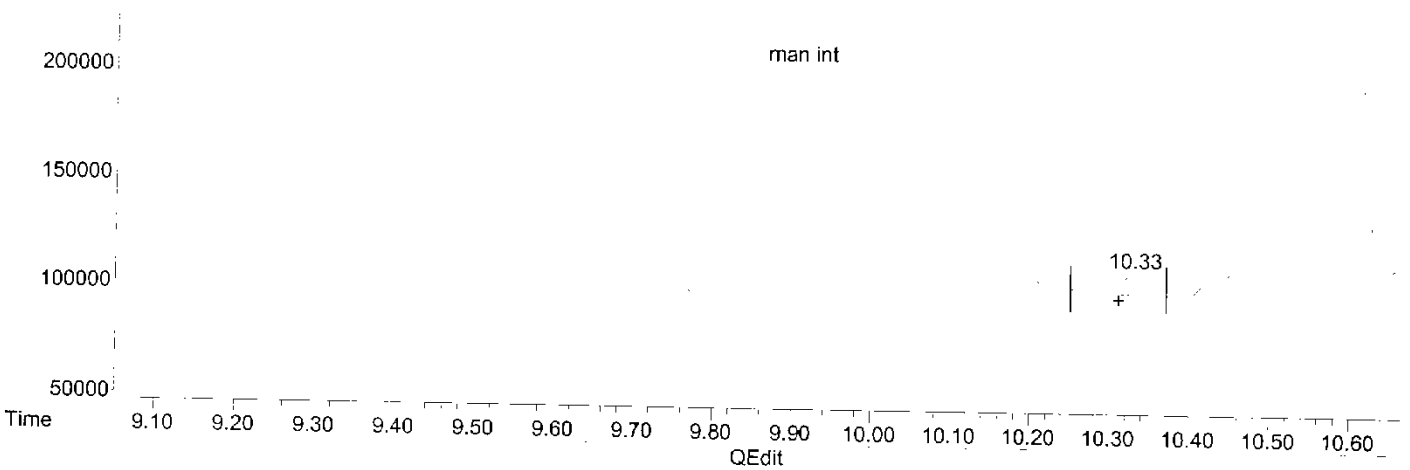
ECD23943.D 070313_8081.M Tue Apr 10 15:58:54 2007 A

Quantitation Report (Qedit)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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 0.866ug/L m

response 1187283

(19) 4,4'-DDT #2 (M)

10.33min 0.180ug/L m

response 157460

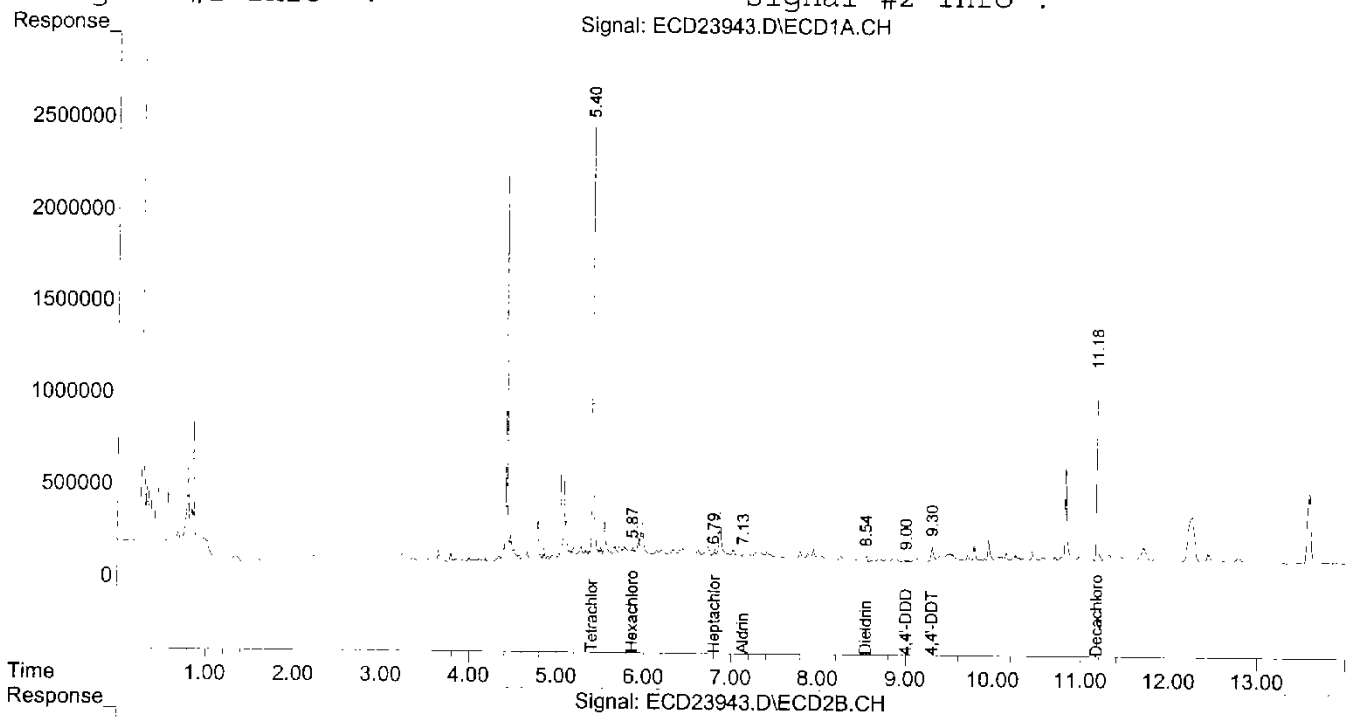
(+) = Expected Retention Time

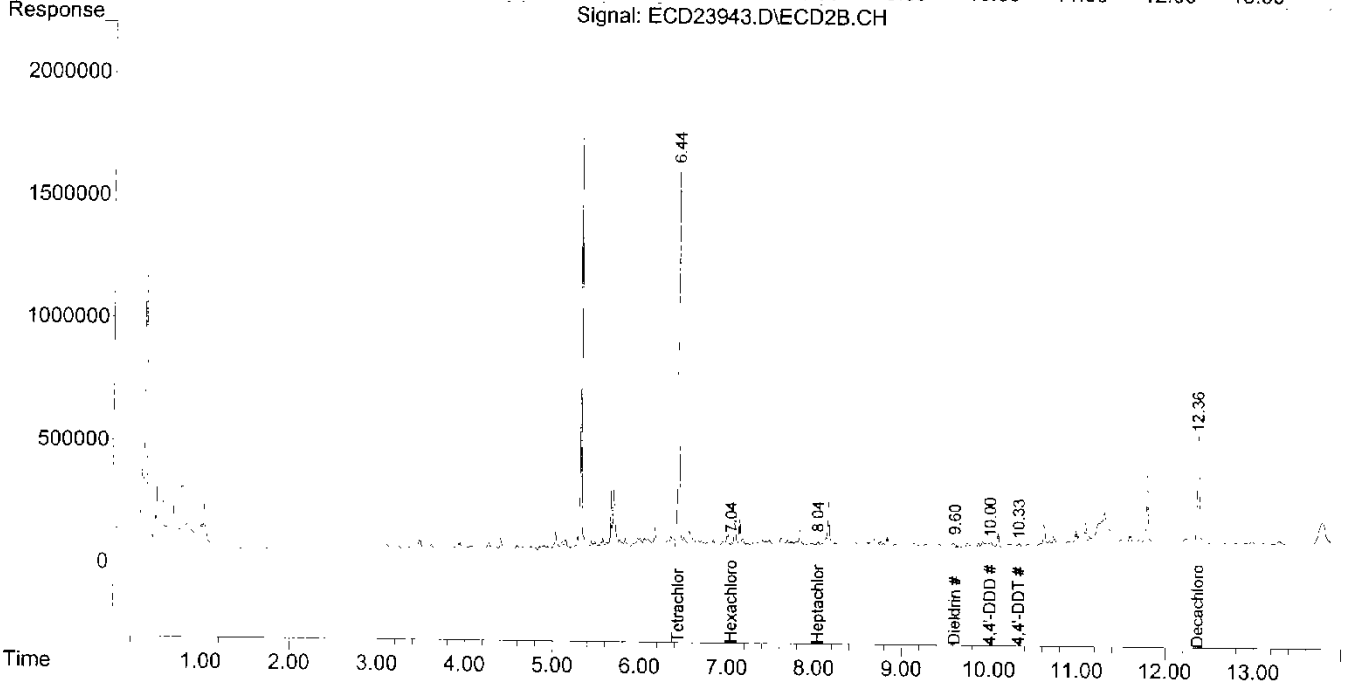
Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 10 15:59 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\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 15:44:35 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	28479935	19354604	10.545	10.455	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	52.73%#	52.28%#	
26)	SR	Decachlorobiphen	11.18	12.36	11437526	7325567	7.437	9.725	#
		Spiked Amount 20.000	Range 60 - 150			Recovery =	37.19%#	48.62%#	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	0.00	85181	0	0.017 NC	N.D.	#
3)		alpha-BHC	5.98	6.93	5671998	196279	1.415 NTA	0.079	#
4)	T	Hexachlorobenzen	5.87	7.04	3356461	163500	0.878	0.083	# ✓
5)	M	gamma-BHC (Linda	6.33f	7.33	1897346	165454	0.545 RT off	0.077	#
6)		beta-BHC	6.61f	7.69	2314873	321938	1.548 NTA	0.347	#
7)		delta-BHC	6.96	7.97	901862	126032	0.283 NTA	0.063	#
8)	M	Heptachlor	6.78	8.04	532915	335167	0.173	0.170	✓
9)	M	Aldrin	7.13	8.40	949710	208573	0.310	0.111	# ✓
10)		Heptachlor Epoxi	7.79	8.92	1405824	114534	0.533 NTA	0.070	#
11)		gamma-Chlordane	8.04	9.26	1268373	118092	0.476 NTA	0.077	#
12)		alpha-Chlordane	0.00	9.26f	0	118092	N.D. NC	0.079	
13)		Endosulfan I	8.25f	9.26f	1273252	118092	0.535 NTA	<MDL	#
14)		4,4'-DDE	0.00	9.42f	0	212659	N.D. NC	0.156	#
15)	M	Dieldrin	8.54	9.60	805338	180469	0.319 matrix int.	0.124	# ✓
16)	M	Endrin	8.85	9.87	464400	218388	0.250 NTA	0.179	#
17)		4,4'-DDD	9.00	10.00	146876	520790	0.073	0.465	# matrix int.
18)		Endosulfan II	9.15	10.09f	386823	763659	0.191 NTA	0.648	#
19)	M	4,4'-DDT	9.30	10.33	1709559	284184	1.248 matrix int.	0.326	# ✓
20)		Endrin Aldehyde	9.40	10.23	1294635	272906	0.825 NTA	0.303	#
21)		Endosulfan Sulfa	0.00	10.57f	0	242707	N.D.	<MDL	
22)		Methoxychlor	10.05f	10.72	361290	510736	0.598 NTA	1.123	#
23)		Endrin Ketone	10.21	10.90	200794	254070	0.101 NTA	0.239	#
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	ECD23943.D
Sample Name	580-5407-A-6-G
RT STD File Name	ECD22089.D

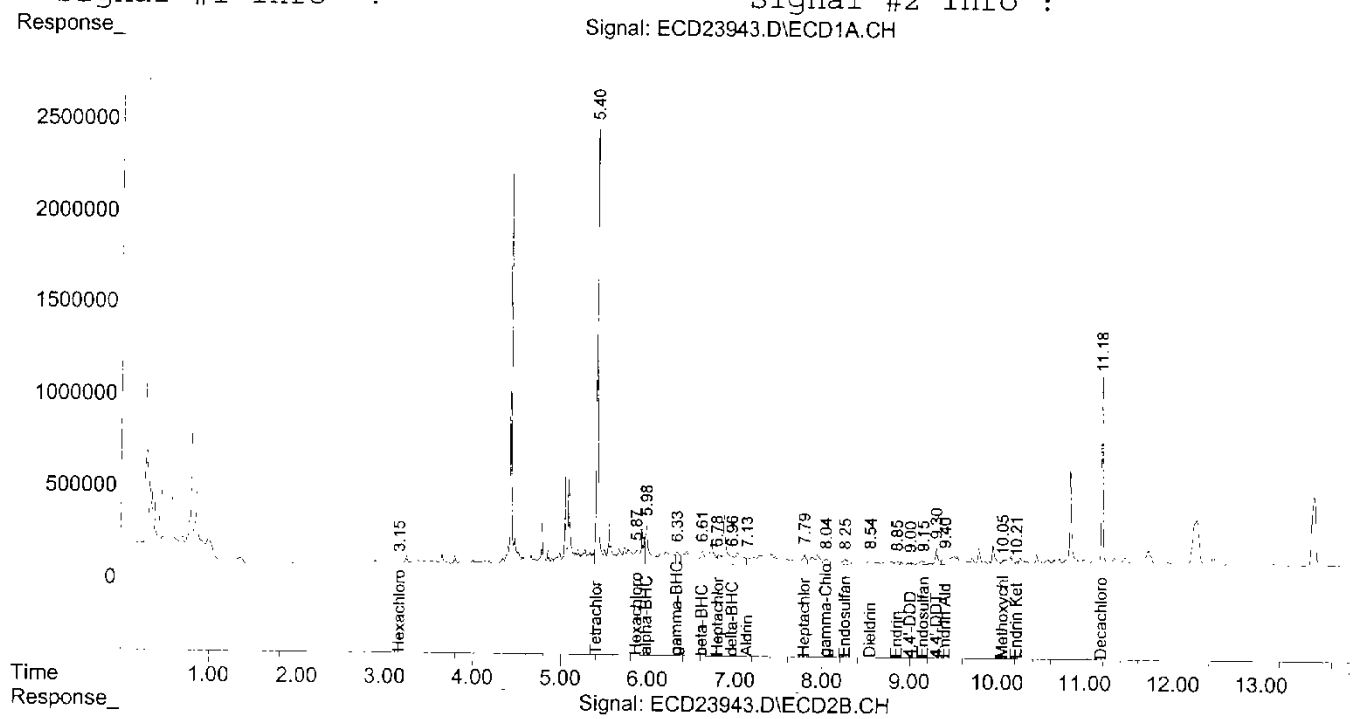
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	3.155	3.161	PASS	0.000	4.161	FAIL
Tetrachloro-m-xylene (S)	5.404	5.405	PASS	6.436	6.437	PASS
alpha-BHC	5.978	5.967	PASS	6.931	6.941	PASS
Hexachlorobenzene	5.866	5.869	PASS	7.040	7.040	PASS
gamma-BHC (Lindane)	6.327	6.361	FAIL	7.335	7.337	PASS
beta-BHC	6.612	6.659	FAIL	7.685	7.659	PASS
delta-BHC	6.961	6.989	PASS	7.970	7.966	PASS
Heptachlor	6.784	6.779	PASS	8.038	8.041	PASS
Aldrin	7.134	7.141	PASS	8.395	8.415	PASS
Heptachlor Epoxide	7.789	7.773	PASS	8.918	8.906	PASS
gamma-Chlordane	8.036	8.036	PASS	9.264	9.251	PASS
alpha-Chlordane	0.000	8.143	FAIL	9.264	9.304	FAIL
Endosulfan I	8.254	8.199	FAIL	9.264	9.304	FAIL
4,4'-DDE	0.000	8.386	FAIL	9.418	9.462	FAIL
Dieldrin	8.543	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	10.003	10.006	PASS
Endosulfan II	9.151	9.142	PASS	10.091	10.140	FAIL
4,4'-DDT	9.299	9.295	PASS	10.329	10.312	PASS
Endrin Aldehyde	9.399	9.383	PASS	10.228	10.249	PASS
Endosulfan Sulfate	0.000	9.594	FAIL	10.572	10.521	FAIL
Methoxychlor	10.052	10.003	FAIL	10.720	10.718	PASS
Endrin Ketone	10.209	10.196	PASS	10.901	10.907	PASS
Decachlorobiphenyl (S)	11.179	11.181	PASS	12.364	12.364	PASS

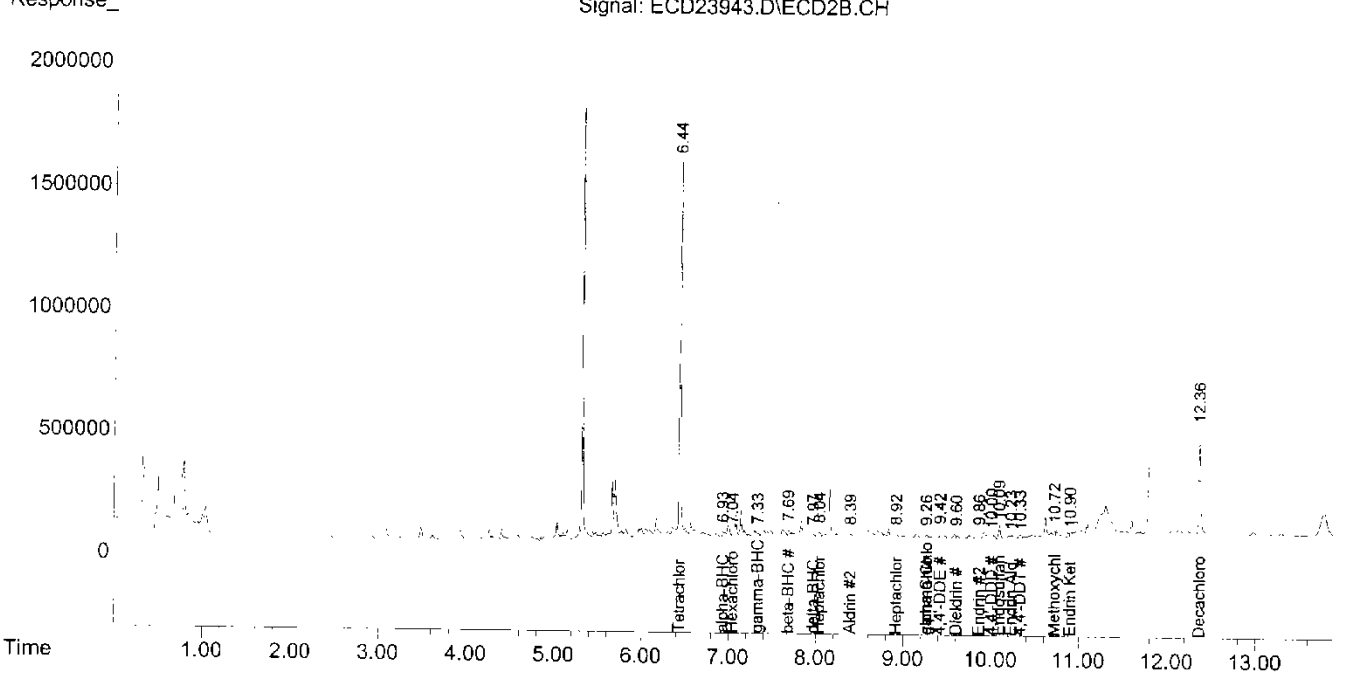
Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23943.D\ECD1A.CH Vial: 38
Signal #2 : L:\DATA\070404_A\ECD23943.D\ECD2B.CH
Acq On : 4-4-2007 03:22:46 PM Operator: STM
Sample : 580-5407-A-6-G Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 15:44 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 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 ###

Calibration Status Report SEA035

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 : I:\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

Quantitation Report (Not Reviewed)

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.	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name ECD23657.D
Data File Path L:\DATA\070313_A\

Sample ID DDT/Endrin Breakdown

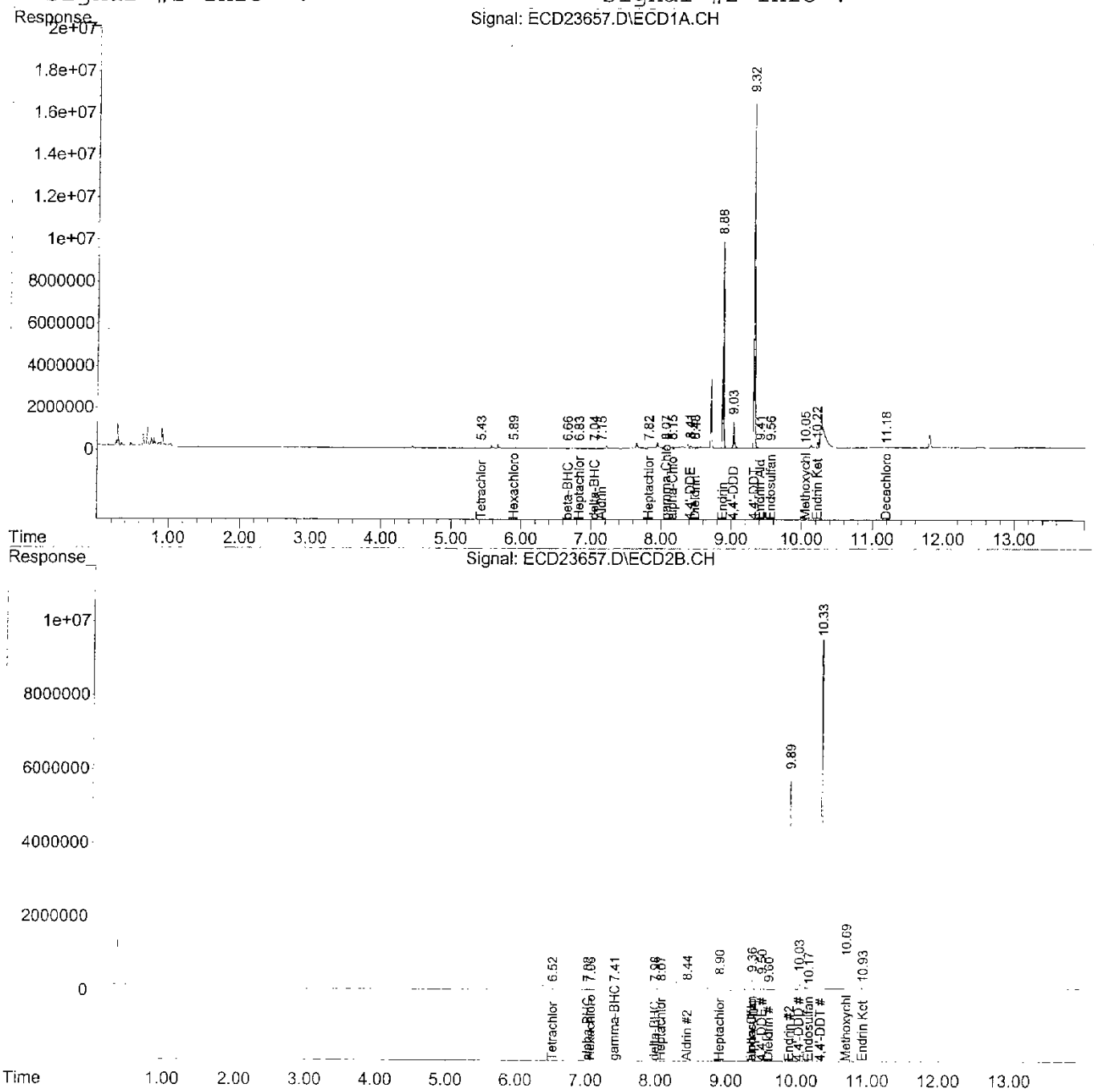
	RT	Response		RT	Response
Endrin	8.88	113134508.4	4,4'-DDT	9.32	178852877.1
Endrin Aldehyde	9.41	610302.452	4,4'-DDD	9.03	15844678.18
Endrin Ketone	10.22	3234634.913	4,4'-DDE	8.41	2430924.734
%Breakdown		3.3%			9.3%
Endrin #2	9.89	67324055.29	4,4'-DDT #2	10.33	99270678.83
Endrin Aldehyde #2	0.00	0	4,4'-DDD #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%

Quantitation Report (Not Reviewed)

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 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 :



Quantitation Report (Not Reviewed)

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.

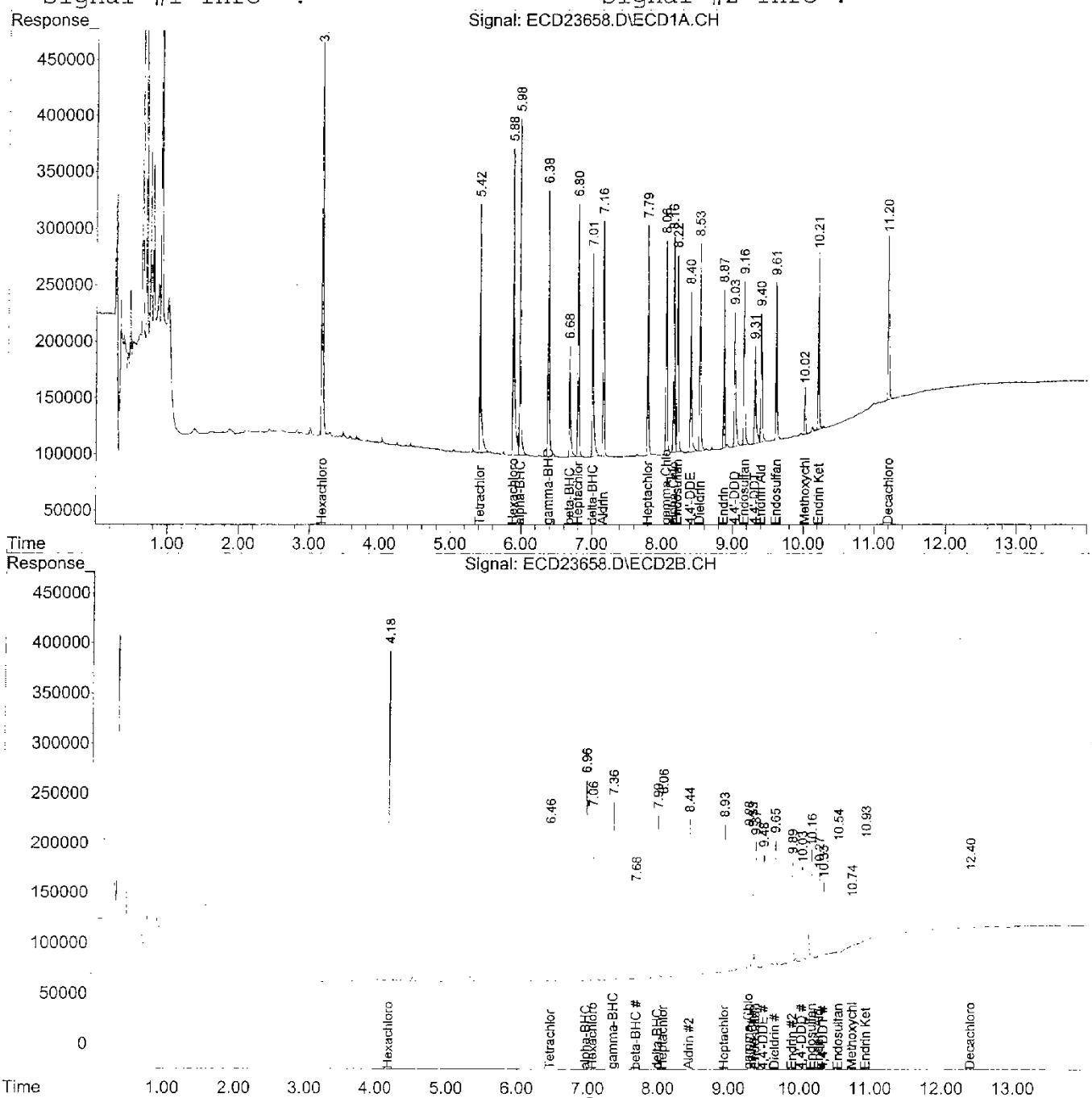
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

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 :



Quantitation Report (Not Reviewed)

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.

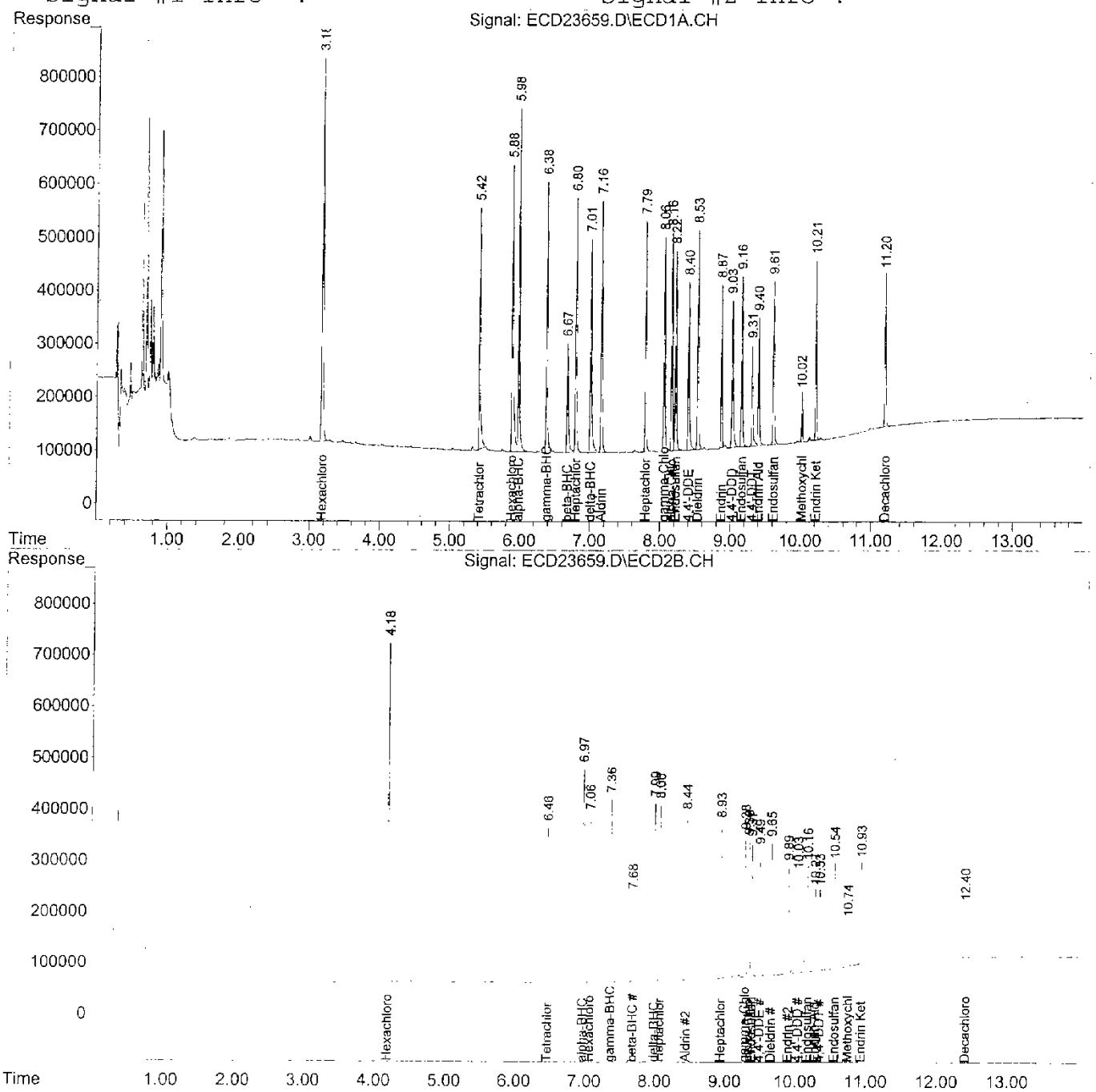
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (Not Reviewed)

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 :



Quantitation Report (Not Reviewed)

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.

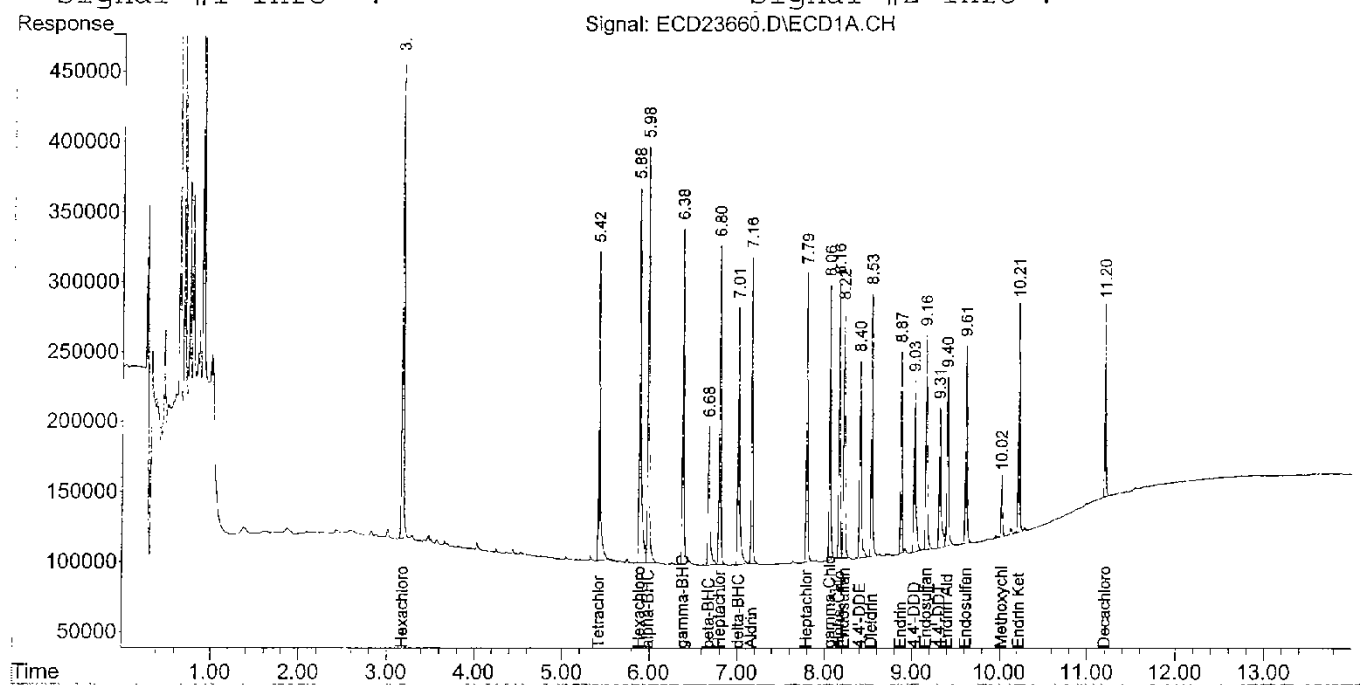
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

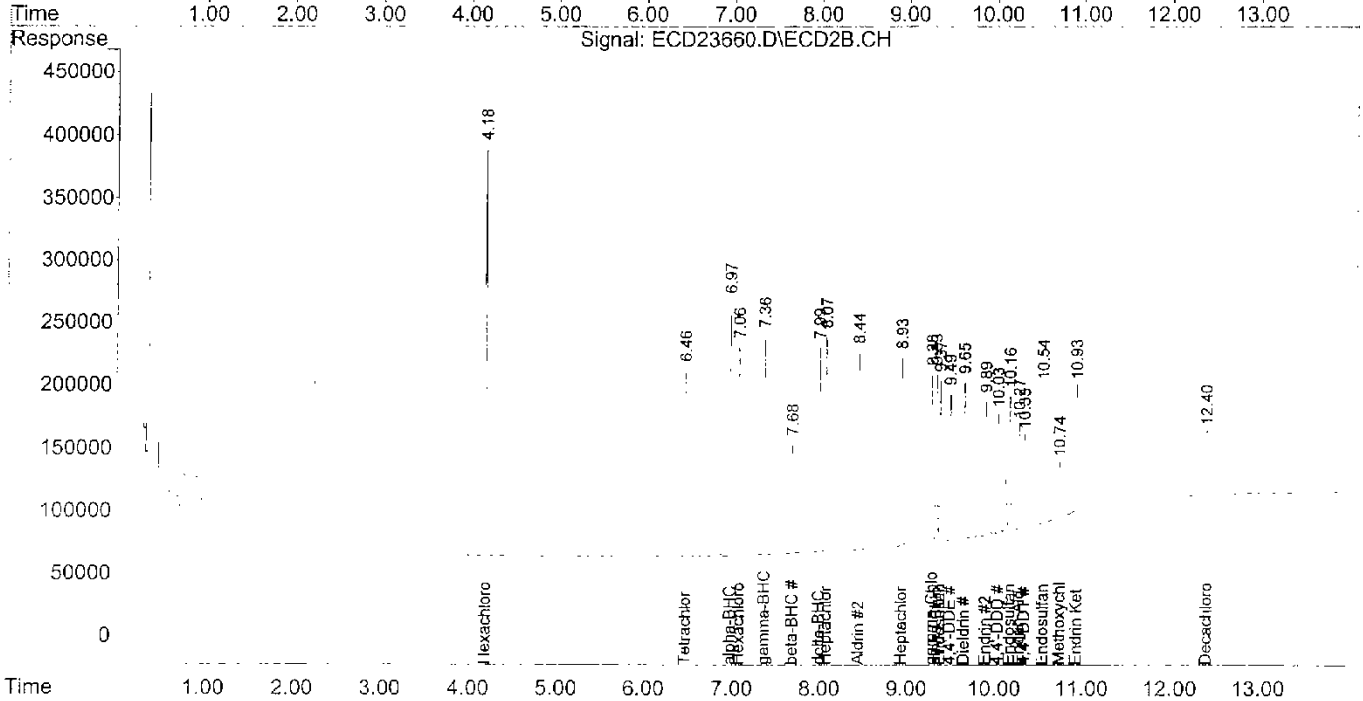
Quantitation Report (Not Reviewed)

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 :





Quantitation Report (Not Reviewed)

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.

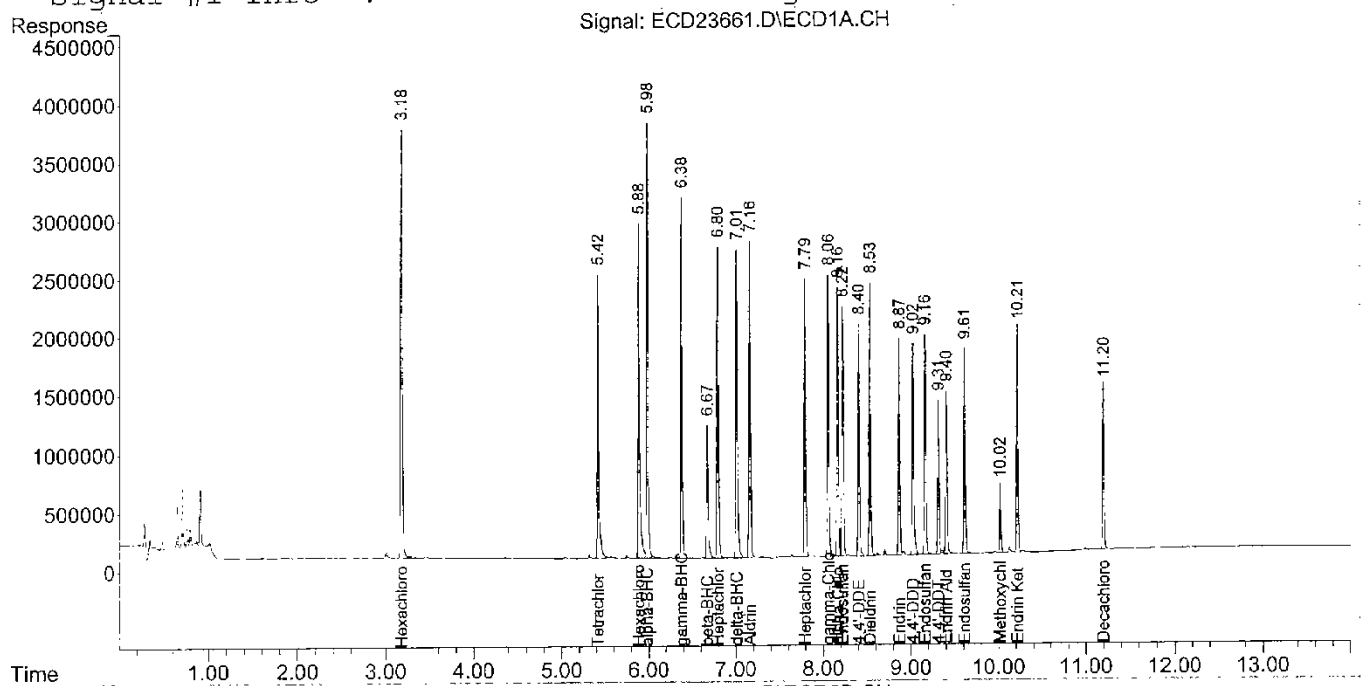
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

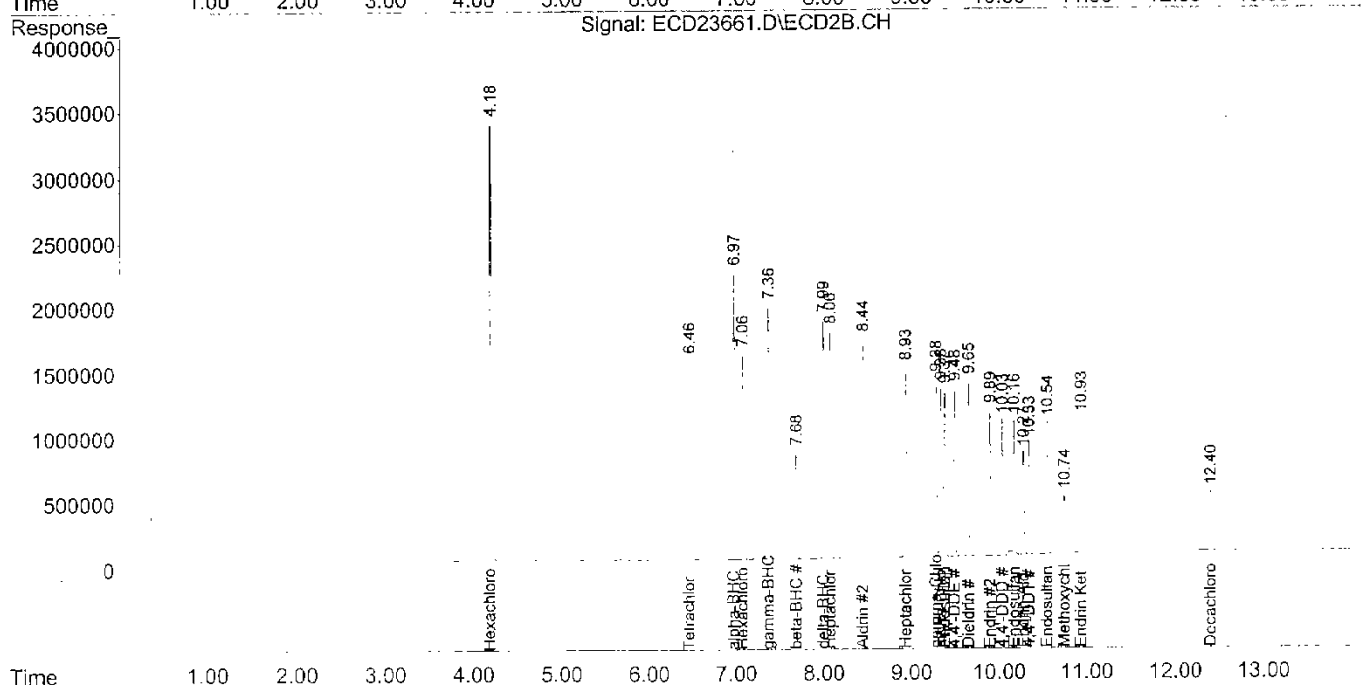
Quantitation Report (Not Reviewed)

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.

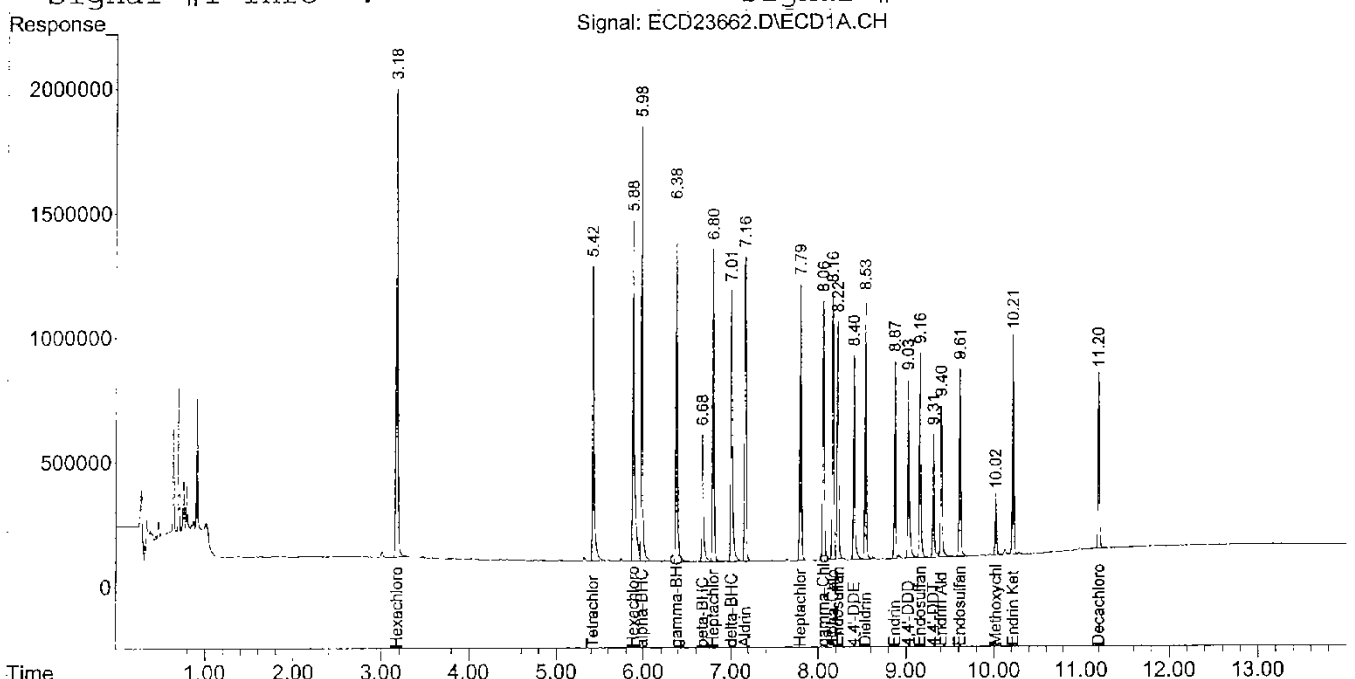
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ECD23662.D 070313_8081.M Tue Mar 20 09:38:26 2007

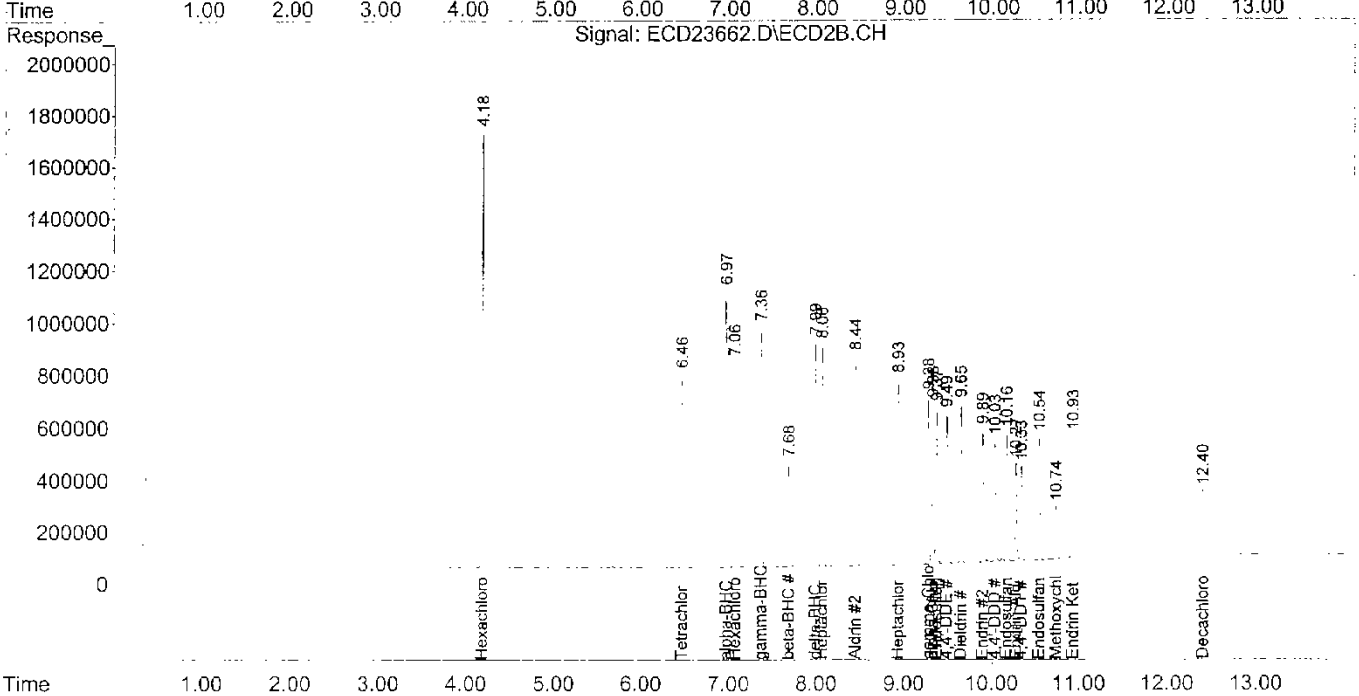
Quantitation Report (Not Reviewed)

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 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\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.

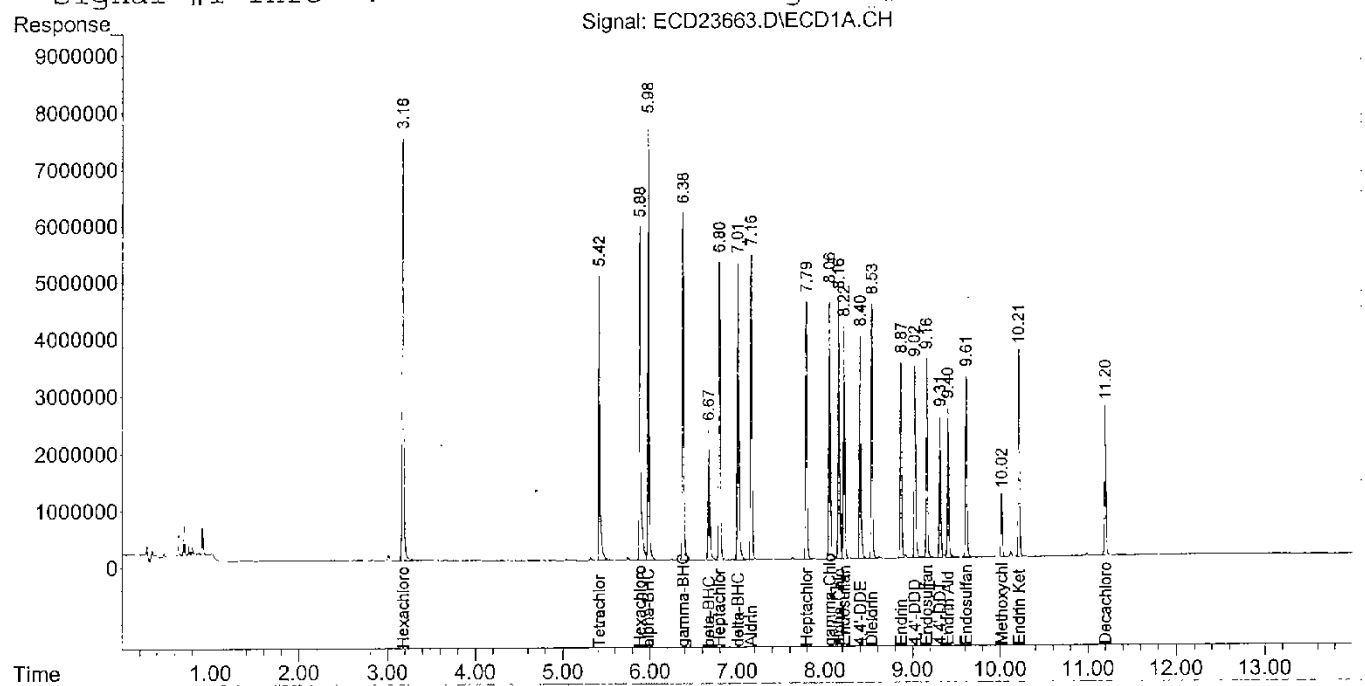
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ECD23663.D 070313_8081.M Tue Mar 20 09:38:33 2007 A Page 1

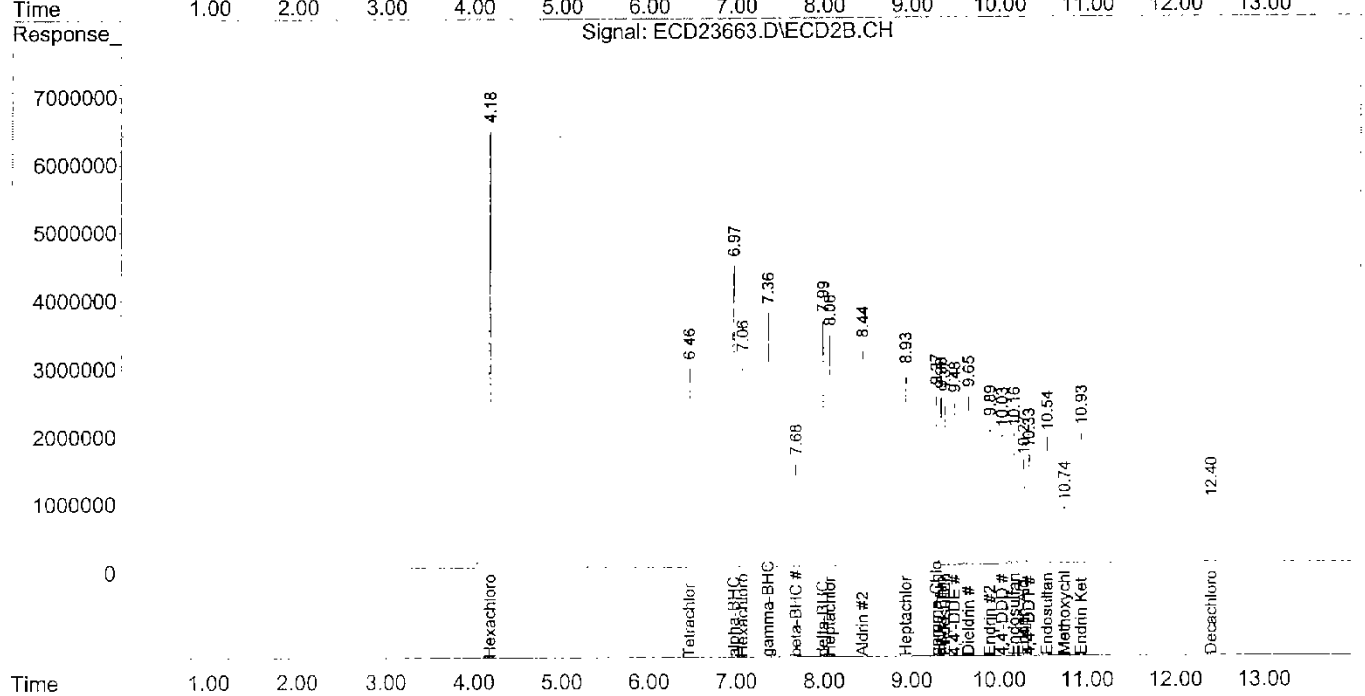
Quantitation Report (Not Reviewed)

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.

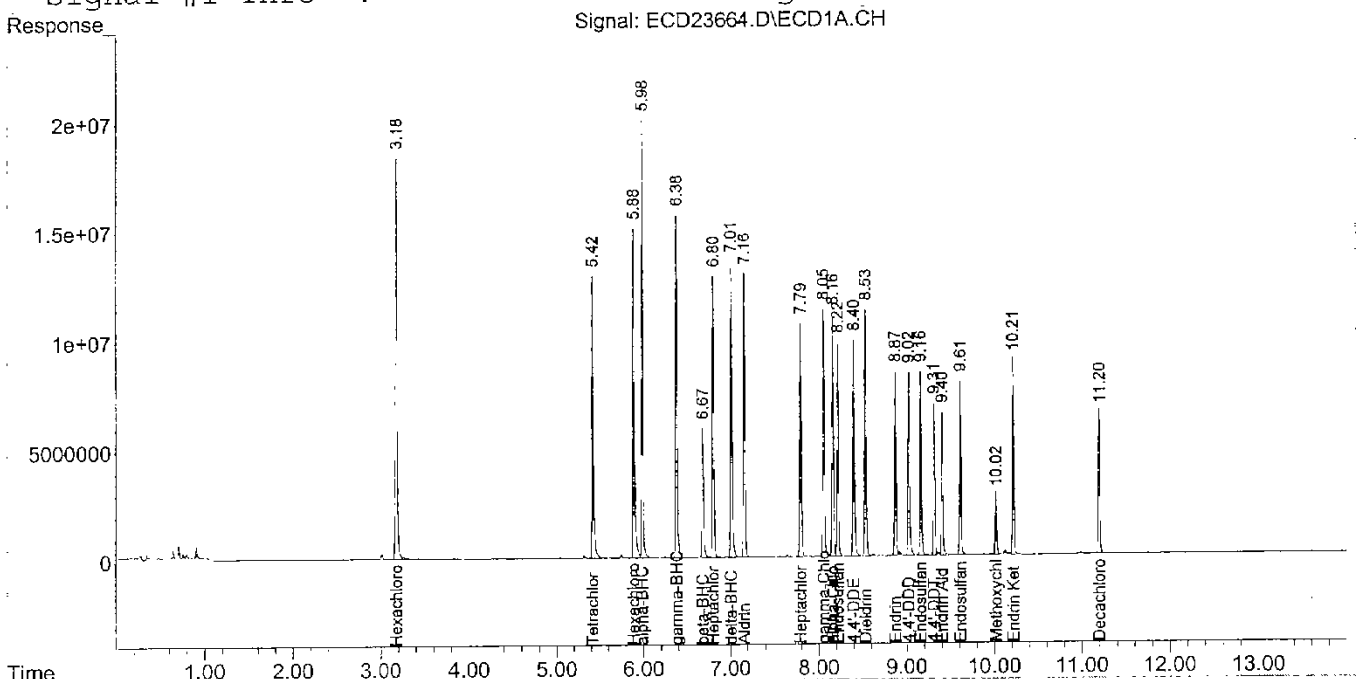
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ECD23664.D 070313_8081.M Tue Mar 20 09:38:40 2007 A Page 1

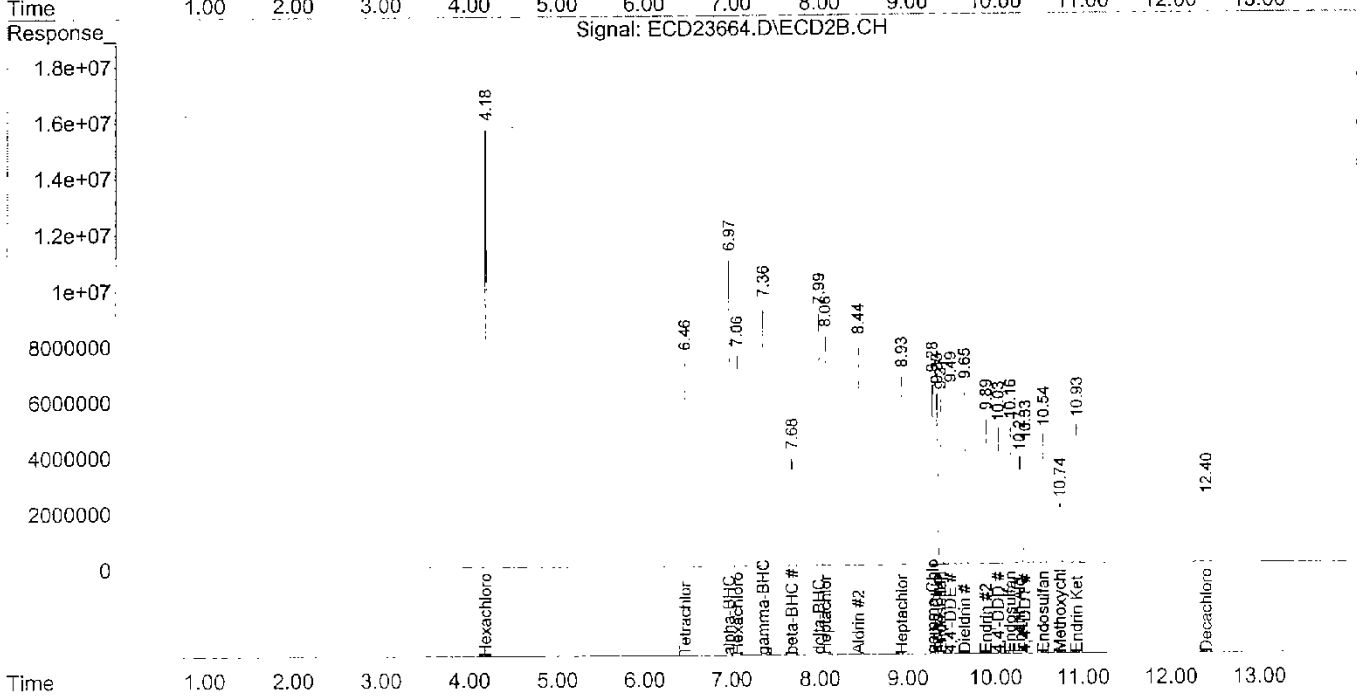
Quantitation Report (Not Reviewed)

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.

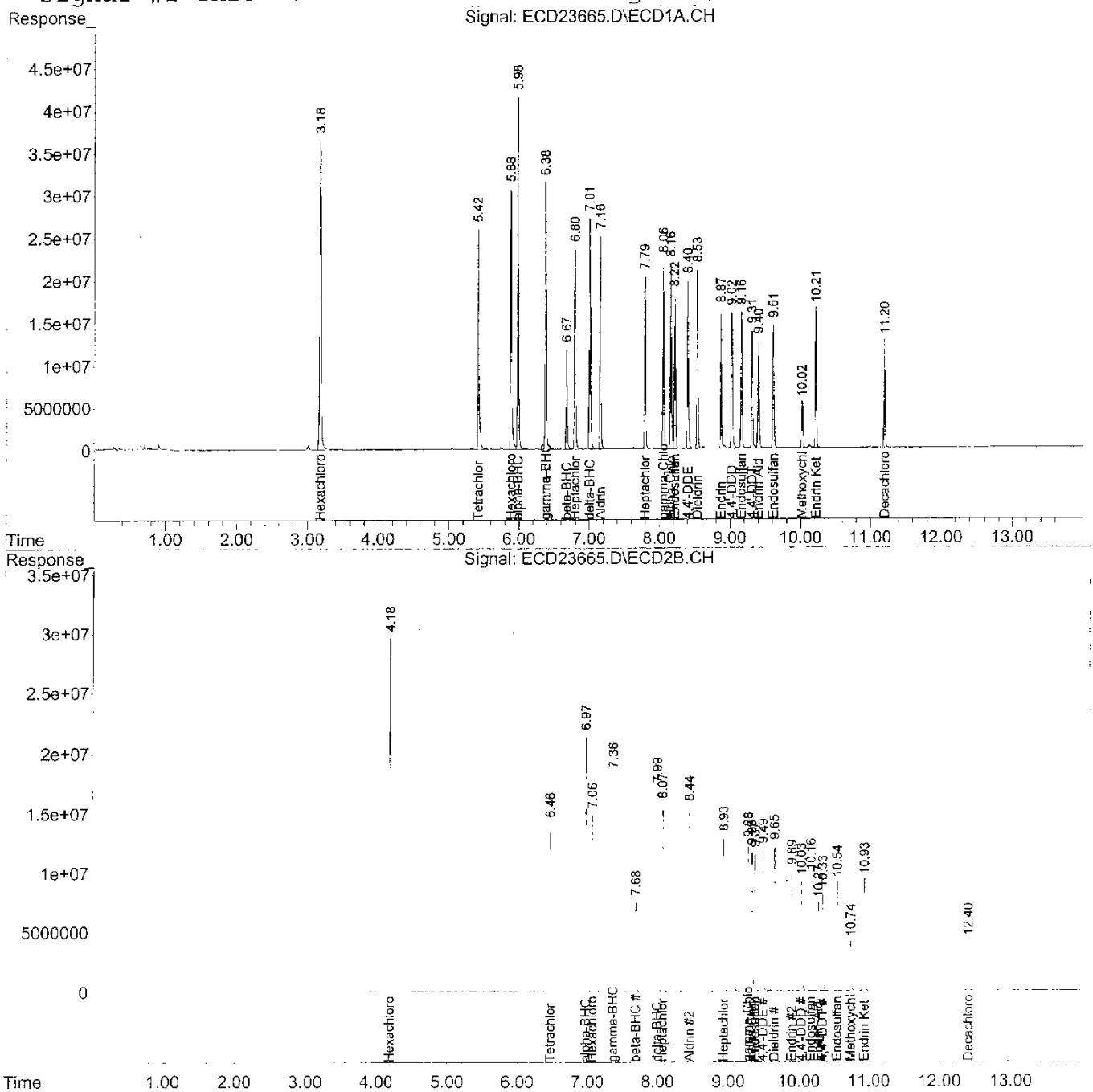
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

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%

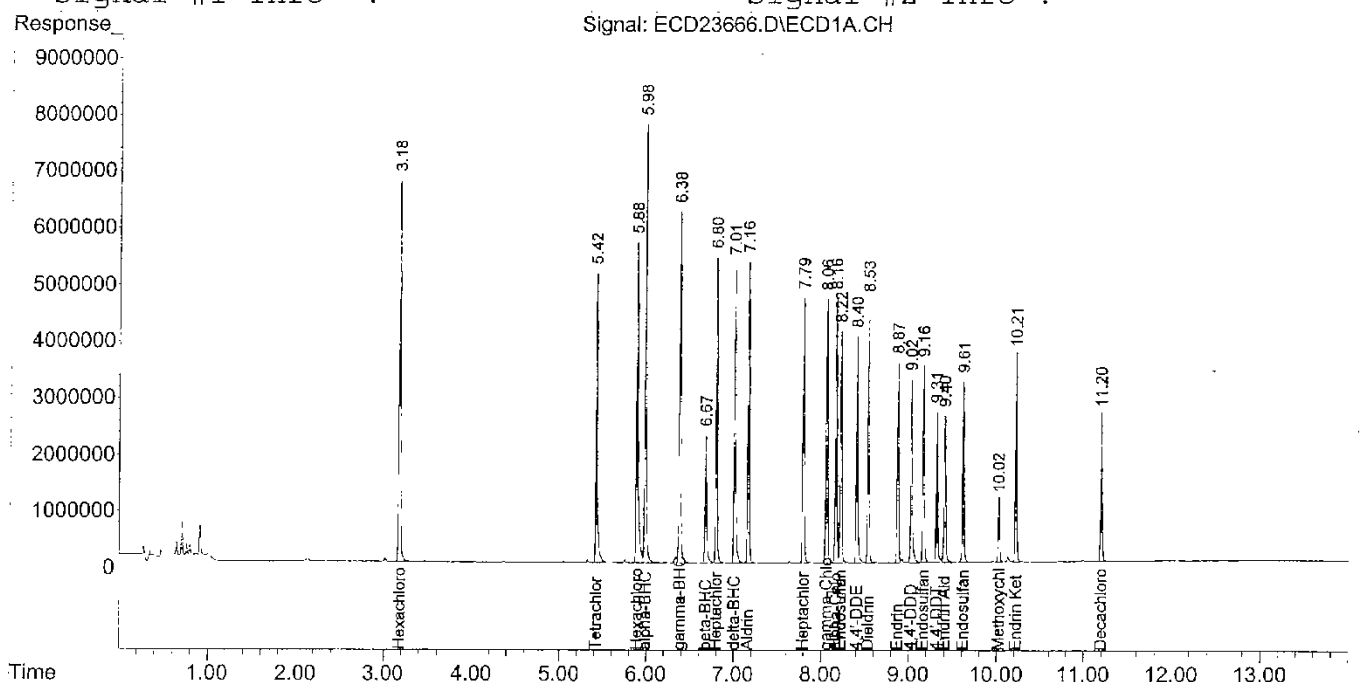
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
15	M	Dieldrin	20.000	20.893	-4.5	104	0.00
16	M	Endrin	20.000	20.971	-4.9	103	0.00
17		4,4'-DDD	20.000	20.610	-3.0	104	0.00
18		Endosulfan II	20.000	19.725	1.4	102	0.00
19	M	4,4'-DDT	20.000	21.161	-5.8	106	0.00
20		Endrin Aldehyde	20.000	19.456	2.7	102	0.00
21		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

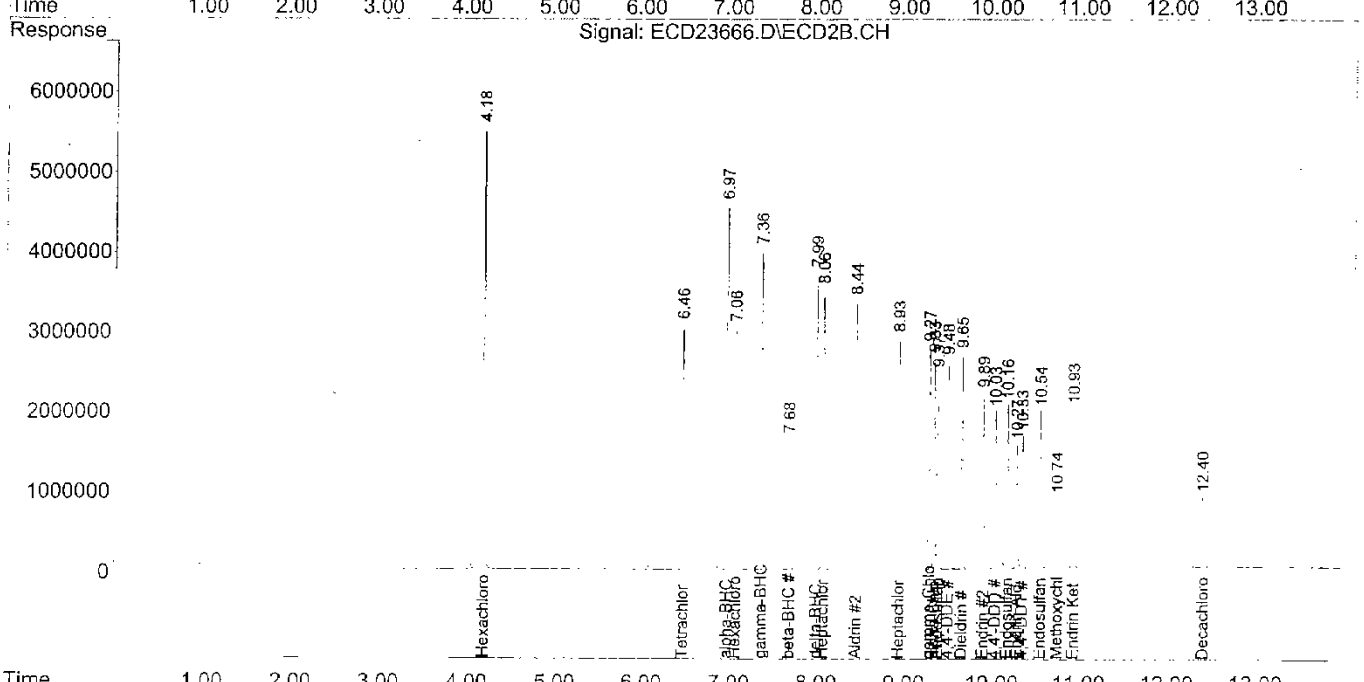
Quantitation Report (Not Reviewed)

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.

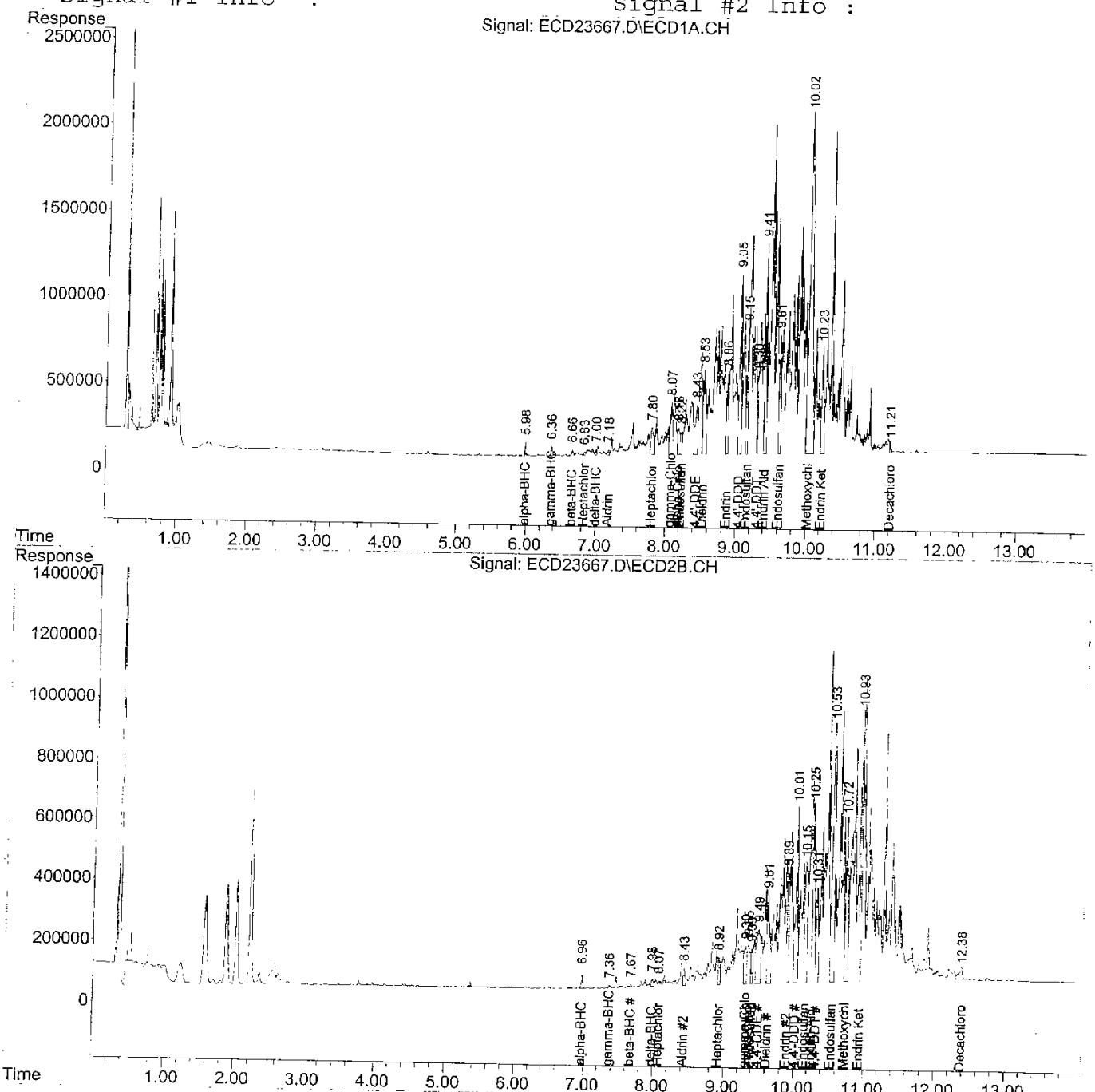
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.
ECD23667.D 070313_8081.M Thu Mar 20 09:38:58 2007

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 : l:\DATA\070404_A

#	Filename	Sample Name	Date/Time
1	ecd23932.d	DDT/Endrin Breakdown	04/04/07 11:48
2	ecd23934.d	20 ug/L 8081 ccv 1174-55-4	04/04/07 12:27
3	ecd23935.d	MB 580-17266/1-AA	04/04/07 12:46
4	ecd23936.d	LCS 580-17266/2-AA	04/04/07 13:06
5	ecd23937.d	LCSD 580-17266/3-AA	04/04/07 13:25
6	ecd23942.d	580-5407-A-5-E	04/04/07 15:03
7	ecd23943.d	580-5407-A-6-G	04/04/07 15:22
8	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.

Data File Name ECD23932.D
Data File Path L:\DATA\070404_A\

Sample ID DDT/Endrin Breakdown

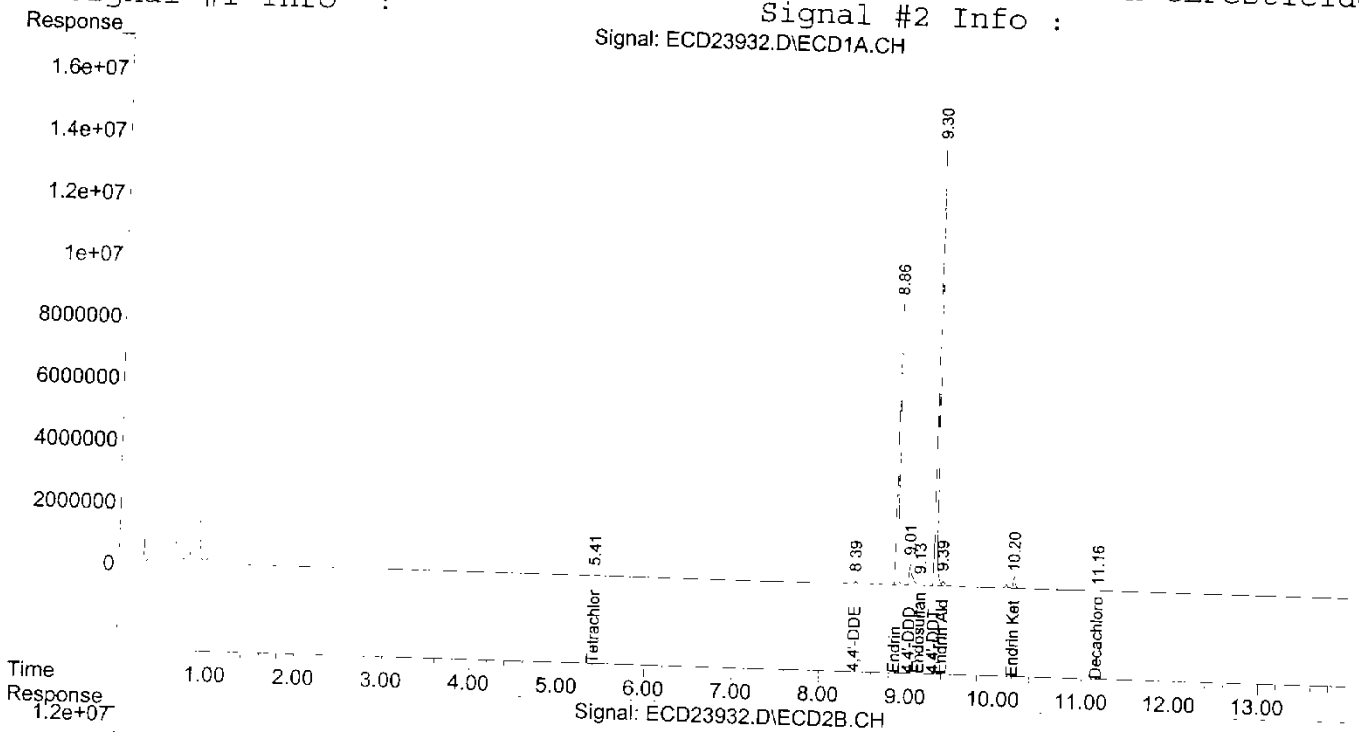
	RT	Response		RT	Response
Endrin	8.86	116505910.2	4,4'-DDT	9.30	190143118.8
Endrin Aldehyde	9.39	3802778.682	4,4'-DDD	9.02	16307377.43
Endrin Ketone	10.20	6413413.805	4,4'-DDE	8.39	1987144.245
%Breakdown		8.1%			8.8%
Endrin #2	9.87	67301240.28	4,4'-DDT #2	10.31	107262599.5
Endrin Aldehyde #2	10.25	242592.573	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%

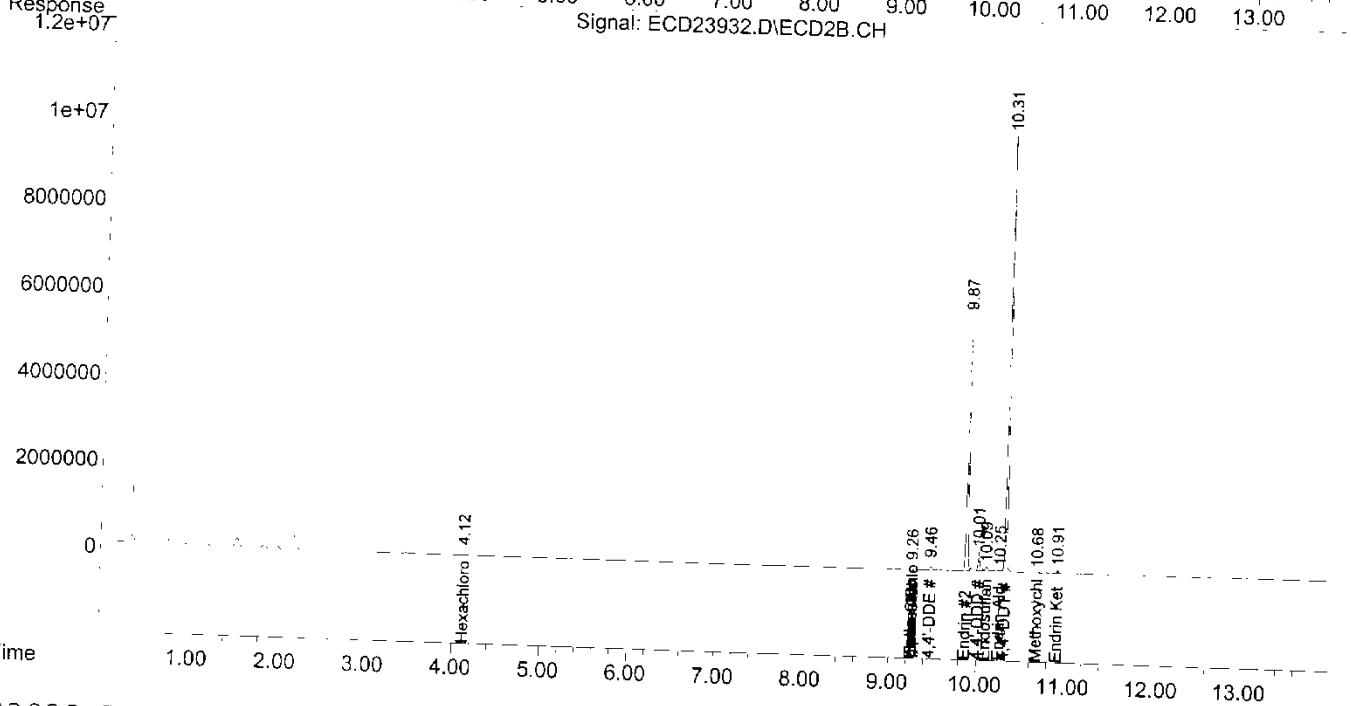
Quantitation Report (Not Reviewed)

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\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
Signal #2 : L:\DATA\070404_A\ECD23934.D\ECD2B.CH
Acq On : 04 Apr 2007 12:27 pm
Sample : 20 ug/L 8081 ccv 1174-55-4
Misc : BT=SEA035
IntFile Signal #1: AUTOINT1.E

Vial: 29
Operator: STM
Inst : SEA035
Multiplr: 1.00
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
Signal #2 : L:\DATA\070404_A\ECD23934.D\ECD2B.CH
Acq On : 04 Apr 2007 12:27 pm
Sample : 20 ug/L 8081 ccv 1174-55-4
Misc : BT=SEA035
IntFile Signal #1: AUTOINT1.E
IntFile Signal #2: AUTOINT2.E

Vial: 29
Operator: STM
Inst : SEA035
Multiplr: 1.00

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

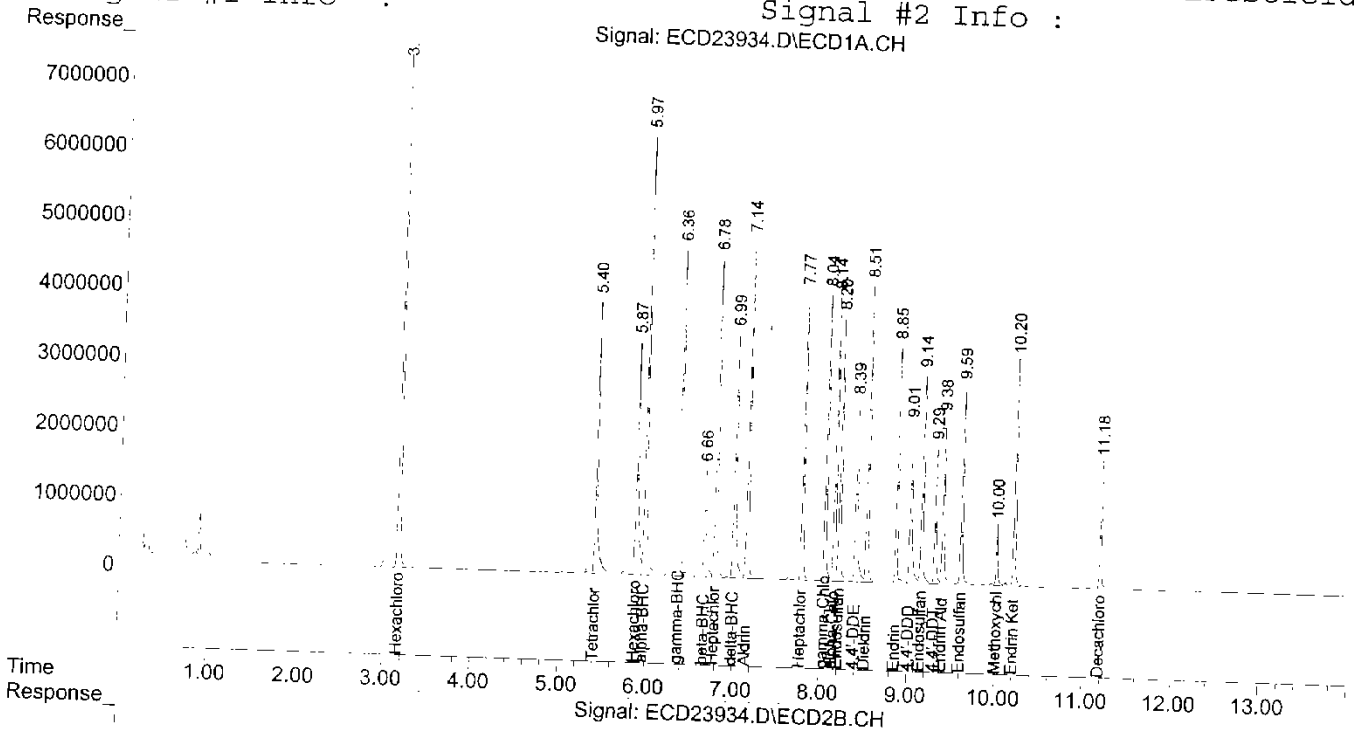
(#) = Out of Range SPCC's out = 0 CCC's out = 0

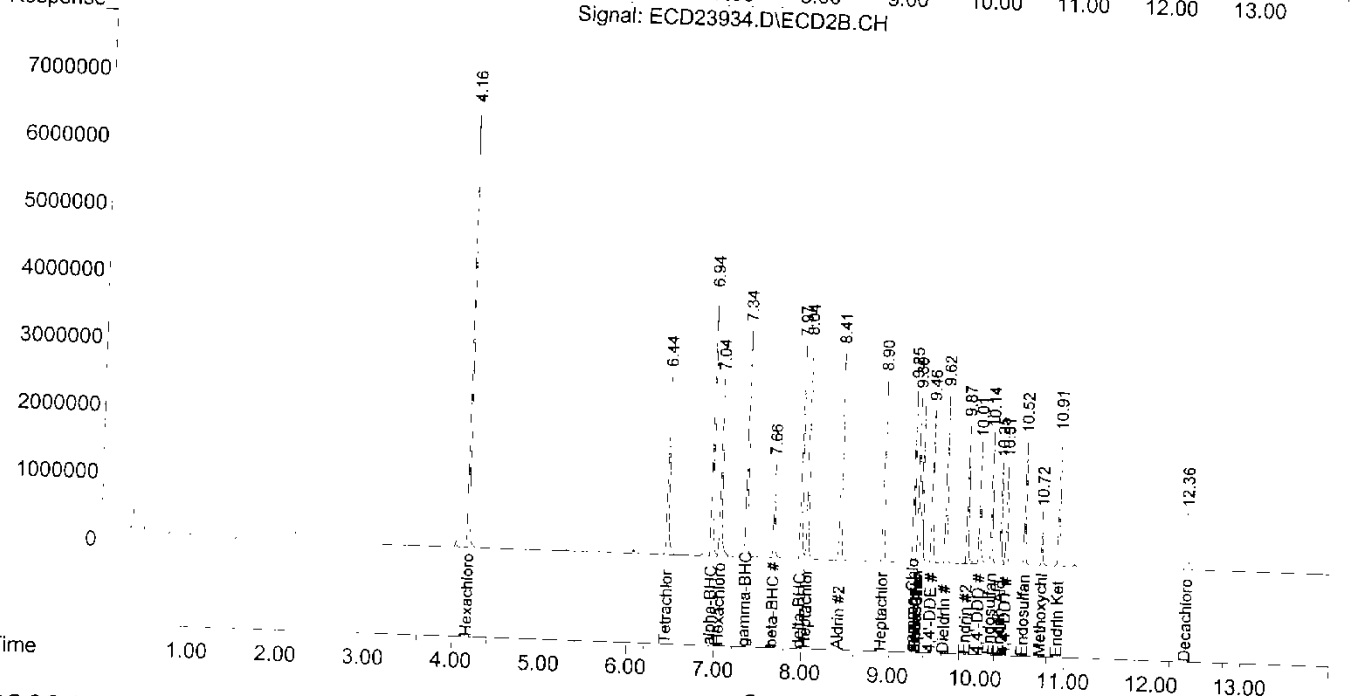
Quantitation Report (Not Reviewed)

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\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.

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

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

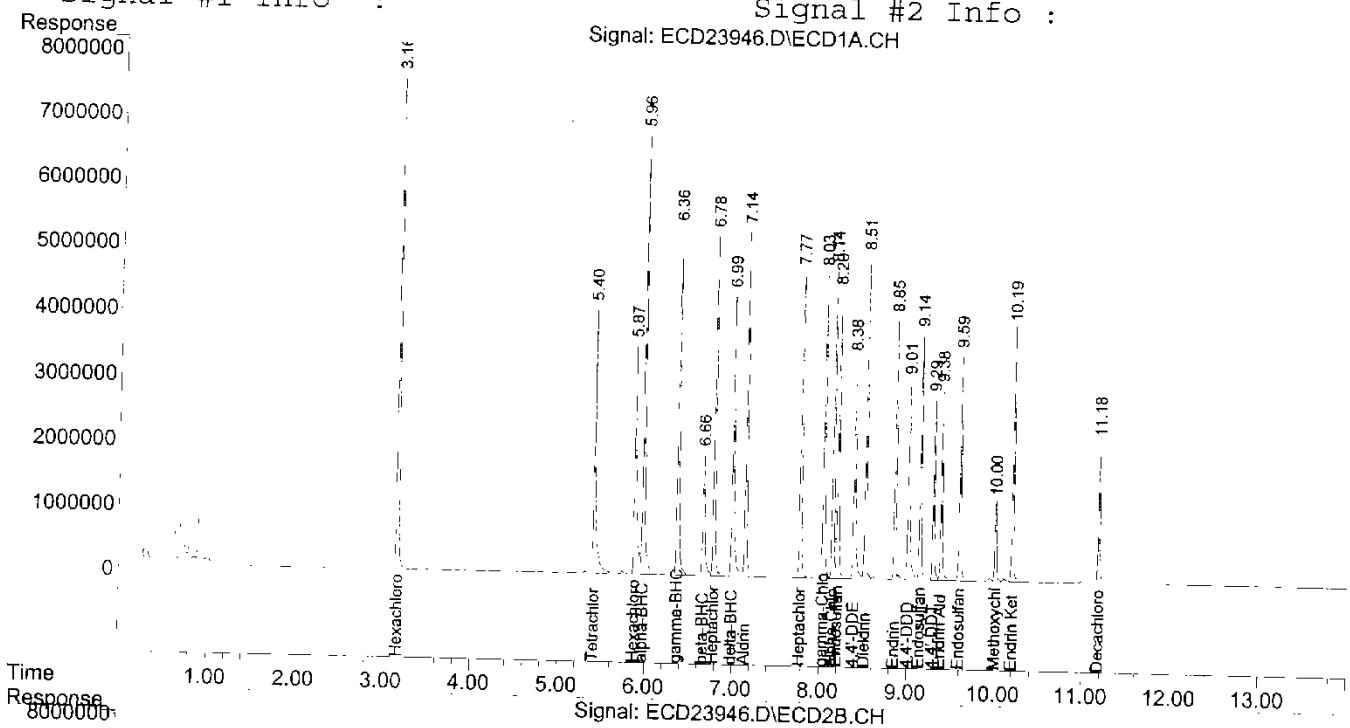
(#) = Out of Range SPCC's out = 0 CCC's out = 0

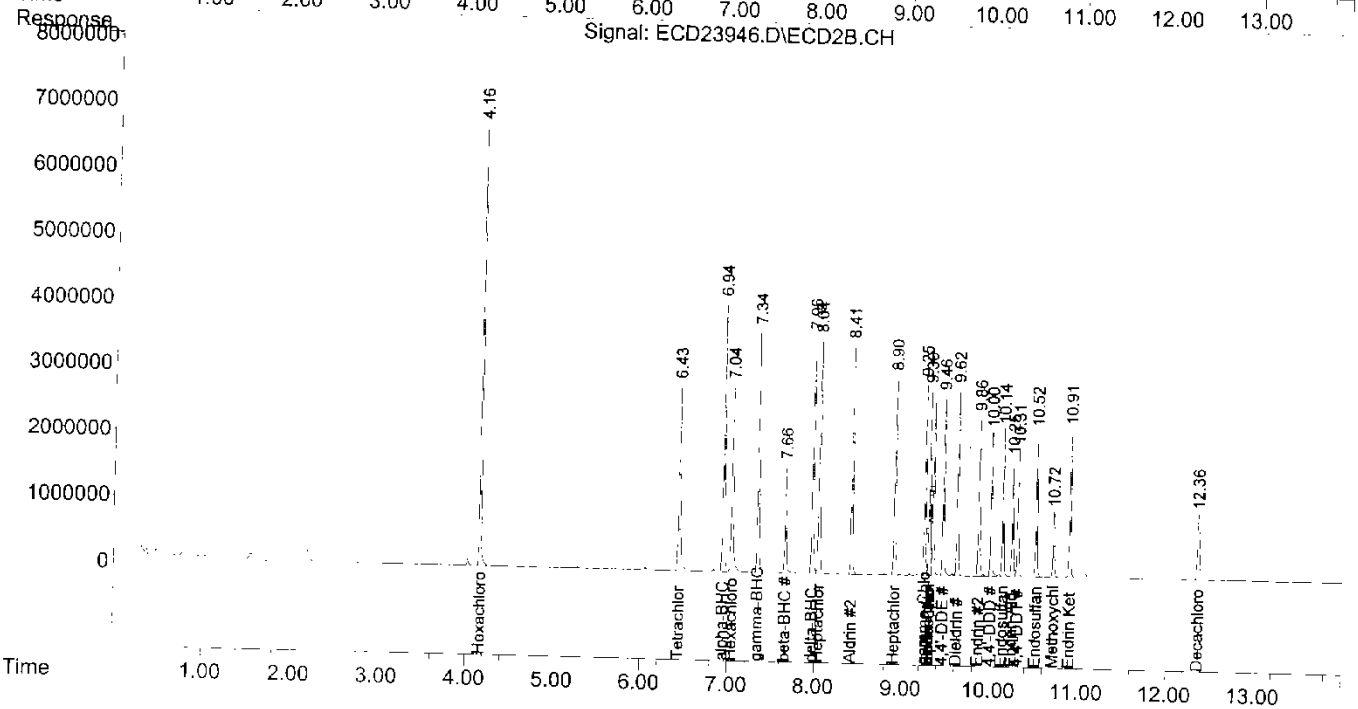
Quantitation Report (Not Reviewed)

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\070404_A\ECD23935.D\ECD1A.CH Vial: 30
Signal #2 : L:\DATA\070404_A\ECD23935.D\ECD2B.CH
Acq On : 04 Apr 2007 12:46 pm
Sample : MB 580-17266/1-AA Operator: STM
Misc : BT=SEA03517266 Inst : SEA035
IntFile Signal #1: AUTOINT1.E Multiplr: 1.00
Quant Time: Apr 04 13:05:11 2007 IntFile Signal #2: AUTOINT2.E
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	55013464	35932683	20.370	19.410
		Spiked Amount 20.000	Range 60 - 150		Recovery =		101.85%	97.05%
26)	SR	Decachlorobiphen	11.18	12.36	25633775	15127834	16.668	20.084
		Spiked Amount 20.000	Range 60 - 150		Recovery =		83.34%	100.42%
		Target Compounds						
1)	T	Hexachlorobutadi	0.00	0.00	0	0	N.D.	N.D.
3)		alpha-BHC	0.00	0.00	0	0	N.D.	N.D.
4)	T	Hexachlorobenzen	5.87	7.04	89483	112077	0.023	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.	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	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.
17)		4,4'-DDD	0.00	0.00	0	0	N.D.	N.D.
18)		Endosulfan II	9.13	0.00	135627	0	<MDL	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.

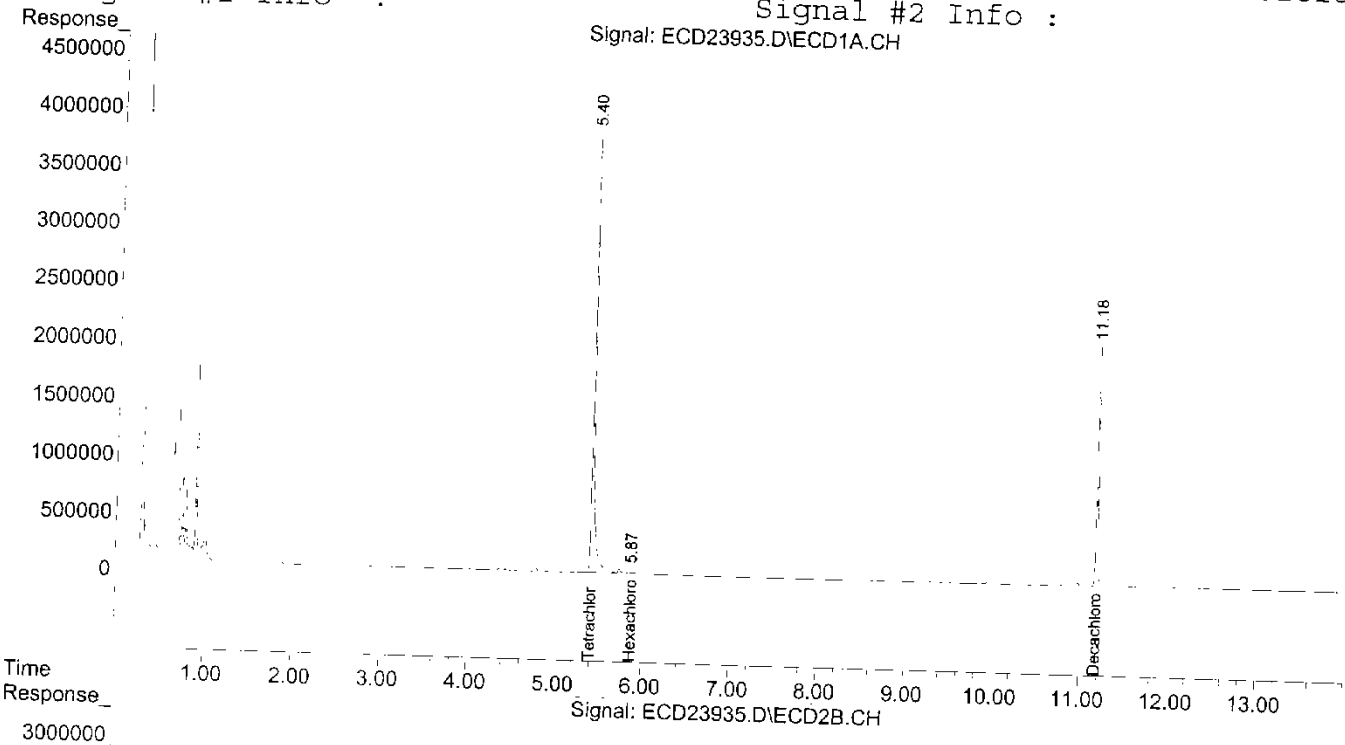
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

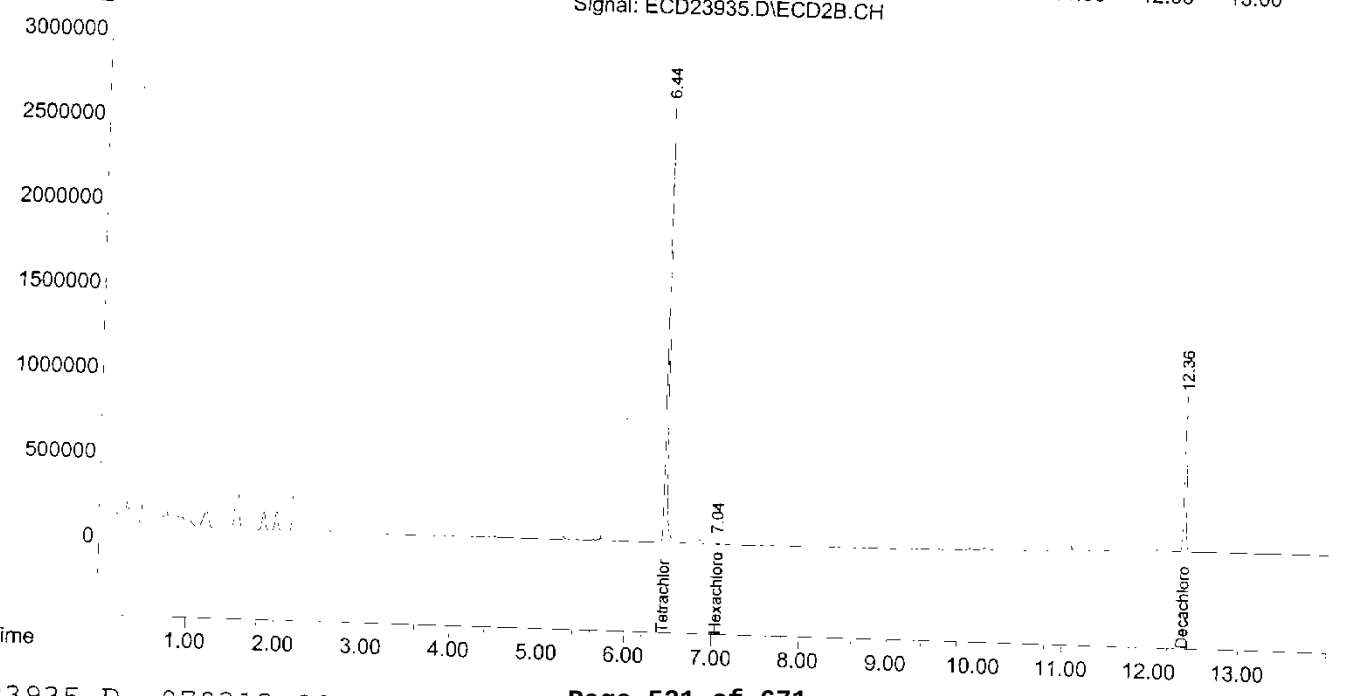
Quantitation Report (QT Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23935.D\ECD1A.CH Vial: 30
Signal #2 : L:\DATA\070404_A\ECD23935.D\ECD2B.CH
Acq On : 04 Apr 2007 12:46 pm Operator: STM
Sample : MB 580-17266/1-AA Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 10 15:15 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\ECD23935.D\ECD1A.CH Vial: 30
Signal #2 : L:\DATA\070404_A\ECD23935.D\ECD2B.CH
Acq On : 04 Apr 2007 12:46 pm Operator: STM
Sample : MB 580-17266/1-AA Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 13:05:11 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 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	55013464	35932683	20.370	19.410
		Spiked Amount 20.000	Range 60 - 150			Recovery =	101.85%	97.05%
26)	SR	Decachlorobiphen	11.18	12.36	25633775	15127834	16.668	20.084
		Spiked Amount 20.000	Range 60 - 150			Recovery =	83.34%	100.42%
		Target Compounds						
1)	T	Hexachlorobutadi	0.00	0.00	0	0	N.D.	N.D.
3)		alpha-BHC	0.00	0.00	0	0	N.D.	N.D.
4)	T	Hexachlorobenzen	5.87	7.04	89483	112077	0.023	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.	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	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	213910	N.D.	0.175
17)		4,4'-DDD	0.00	0.00	0	0	N.D.	N.D.
18)		Endosulfan II	9.13	10.10f	135627	118370	<MDL	0.100 #
19)	M	4,4'-DDT	9.30	0.00	138075	0	0.101	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.

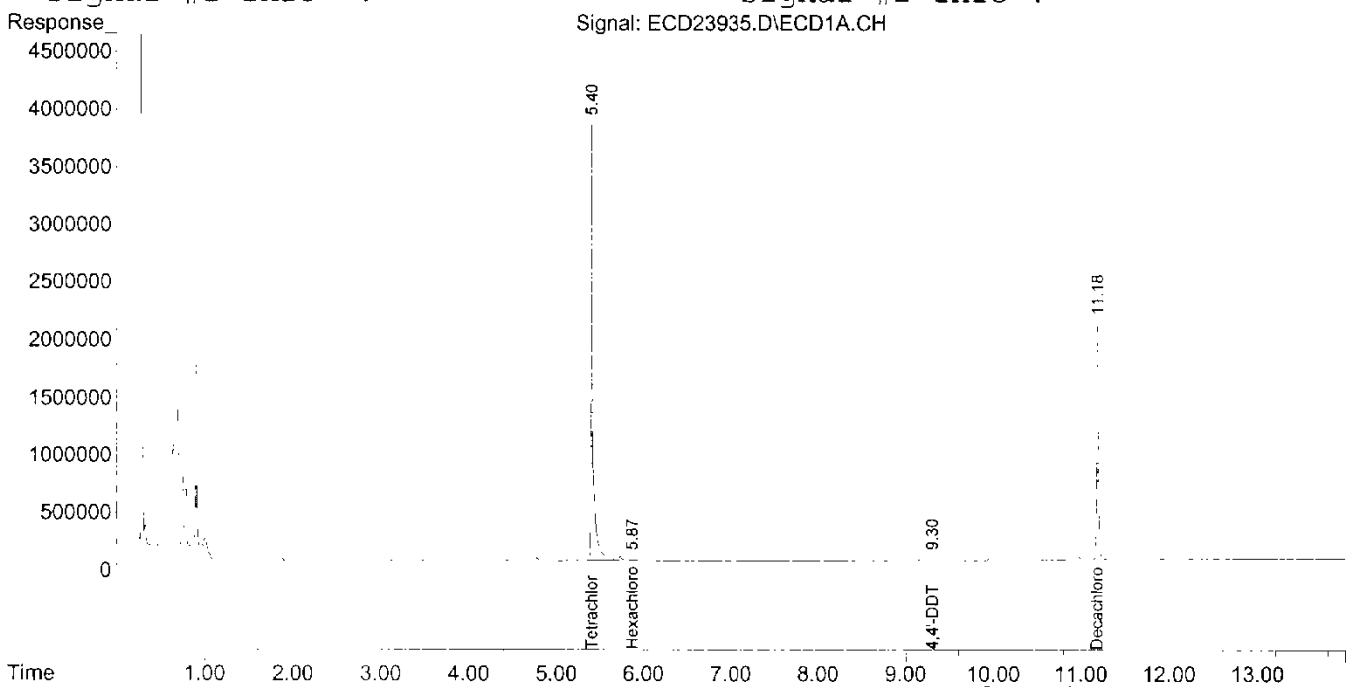
Data File Name	ECD23935.D
Sample Name	MB 580-17266/1-AA
RT STD File Name	ECD22089.D

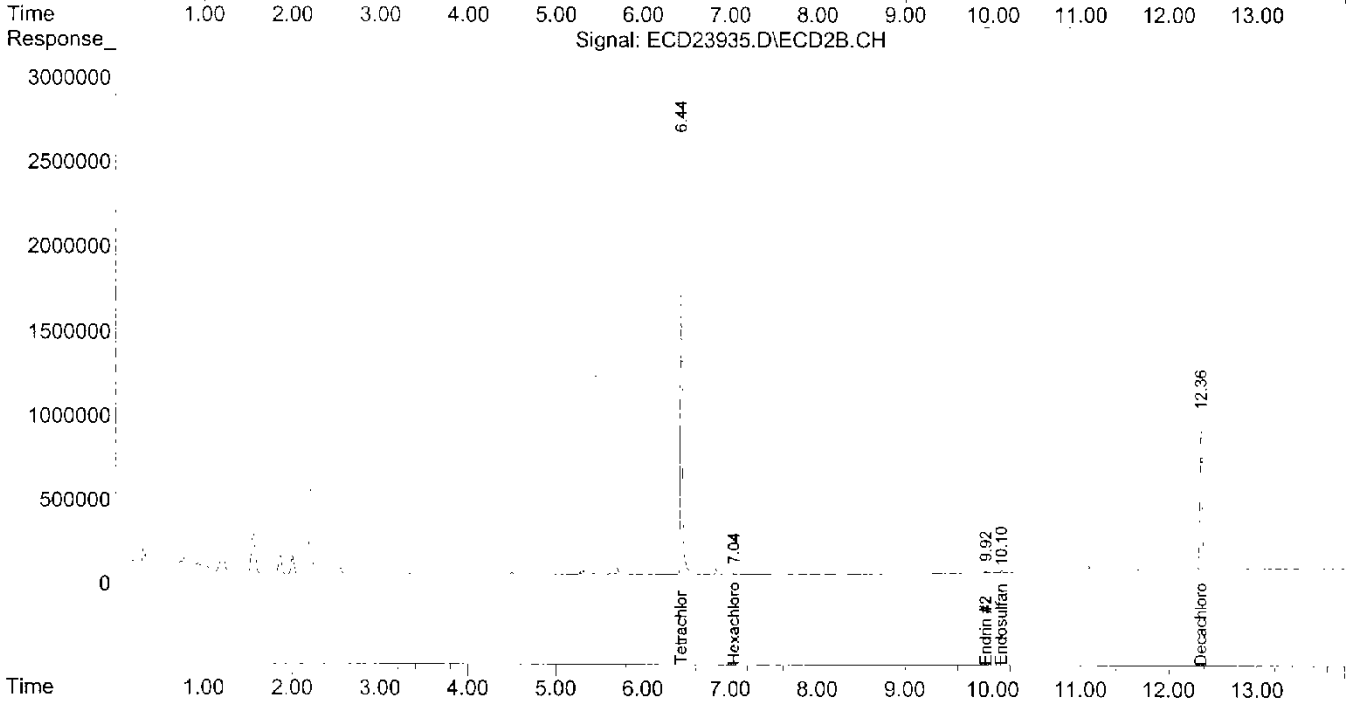
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	0.000	3.161	FAIL	0.000	4.161	FAIL
Tetrachloro-m-xylene (S)	5.404	5.405	PASS	6.436	6.437	PASS
alpha-BHC	0.000	5.967	FAIL	0.000	6.941	FAIL
Hexachlorobenzene	5.869	5.869	PASS	7.041	7.040	PASS
gamma-BHC (Lindane)	0.000	6.361	FAIL	0.000	7.337	FAIL
beta-BHC	0.000	6.659	FAIL	0.000	7.659	FAIL
delta-BHC	0.000	6.989	FAIL	0.000	7.966	FAIL
Heptachlor	0.000	6.779	FAIL	0.000	8.041	FAIL
Aldrin	0.000	7.141	FAIL	0.000	8.415	FAIL
Heptachlor Epoxide	0.000	7.773	FAIL	0.000	8.906	FAIL
gamma-Chlordane	0.000	8.036	FAIL	0.000	9.251	FAIL
alpha-Chlordane	0.000	8.143	FAIL	0.000	9.304	FAIL
Endosulfan I	0.000	8.199	FAIL	0.000	9.304	FAIL
4,4'-DDE	0.000	8.386	FAIL	0.000	9.462	FAIL
Dieldrin	0.000	8.514	FAIL	0.000	9.622	FAIL
Endrin	0.000	8.852	FAIL	9.920	9.866	FAIL
4,4'-DDD	0.000	9.008	FAIL	0.000	10.006	FAIL
Endosulfan II	9.134	9.142	PASS	10.096	10.140	FAIL
4,4'-DDT	9.305	9.295	PASS	0.000	10.312	FAIL
Endrin Aldehyde	0.000	9.383	FAIL	0.000	10.249	FAIL
Endosulfan Sulfate	0.000	9.594	FAIL	0.000	10.521	FAIL
Methoxychlor	0.000	10.003	FAIL	0.000	10.718	FAIL
Endrin Ketone	0.000	10.196	FAIL	0.000	10.907	FAIL
Decachlorobiphenyl (S)	11.180	11.181	PASS	12.365	12.364	PASS

Signal #1 : L:\DATA\070404_A\ECD23935.D\ECD1A.CH Vial: 30
Signal #2 : L:\DATA\070404_A\ECD23935.D\ECD2B.CH
Acq On : 04 Apr 2007 12:46 pm Operator: STM
Sample : MB 580-17266/1-AA Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 13:05 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 :





BLANK SPIKE

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23936.D\ECD1A.CH Vial: 31
Signal #2 : L:\DATA\070404_A\ECD23936.D\ECD2B.CH
Acq On : 4-4-2007 01:06:09 PM Operator: STM
Sample : LCS 580-17266/2-AA Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 13:22:41 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	6.44	57109988	37249715	21.146	20.122	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	105.73%	100.61%	
26)	SR	Decachlorobiphen	11.18	12.36	26362601	15430526	17.142	20.486	
		Spiked Amount 20.000	Range 60 - 150			Recovery =	85.71%	102.43%	
		Target Compounds							
1)	T	Hexachlorobutadi	3.16	4.16	88903821	57140745	17.368	16.632	
3)		alpha-BHC	5.97	6.94	84517211	46650533	21.078	18.748	
4)	T	Hexachlorobenzen	5.87	7.04	55229654	36183566	14.453	18.366	#
5)	M	gamma-BHC (Linda	6.36	7.34	70580902	41482133	20.292	19.357	
6)		beta-BHC	6.66	7.66	27468105	17442420	18.366	18.815	
7)		delta-BHC	6.99	7.97	34889299	22310173	10.955	11.170	
8)	M	Heptachlor	6.78	8.04	68517063	40008945	22.208	20.240	
9)	M	Aldrin	7.14	8.41	65919898	37685652	21.508	20.092	
10)		Heptachlor Epoxi	7.77	8.91	55821787	32577457	21.171	19.875	
11)		gamma-Chlordane	8.03	9.25	57038478	30706492	21.396	20.102	
12)		alpha-Chlordane	8.14	9.30	53615888	29293507	20.886	19.703	
13)		Endosulfan I	8.20	9.30	53201536	29293507	22.374	20.248	
14)		4,4'-DDE	8.38	9.46	47503062	28309365	20.554	20.771	
15)	M	Dieldrin	8.51	9.62	56510938	29716170	22.414	20.399	
16)	M	Endrin	8.85	9.87	42160466	25980691	22.706	21.247	
17)		4,4'-DDD	9.01	10.01	39911320	22998486	19.961	20.530	
18)		Endosulfan II	9.14	10.14	44946228	23476434	22.175	19.928	
19)	M	4,4'-DDT	9.29	10.31	30217619	18553094	22.052	21.253	
20)		Endrin Aldehyde	9.38	10.25	34077404	17487862	21.723	19.403	
21)		Endosulfan Sulfa	9.59	10.52	37778078	19896431	20.466	18.278	
22)		Methoxychlor	10.00	10.72	14218986	9145328	23.528	20.112	
23)		Endrin Ketone	10.20	10.91	43129179	21694360	21.707	20.389	
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	ECD23936.D
Sample Name	LCS 580-17266/2-AA
RT STD File Name	ECD22089.D

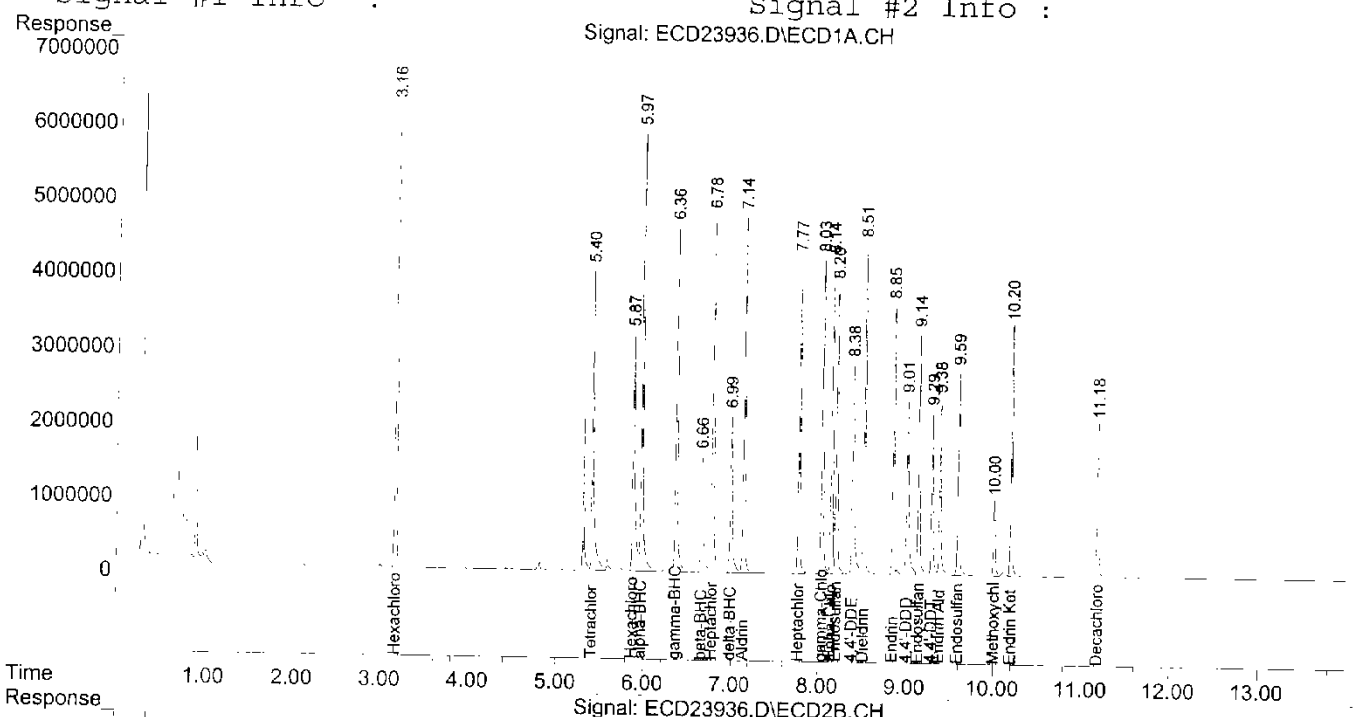
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	3.161	3.161	PASS	4.161	4.161	PASS
Tetrachloro-m-xylene (S)	5.405	5.405	PASS	6.437	6.437	PASS
alpha-BHC	5.967	5.967	PASS	6.942	6.941	PASS
Hexachlorobenzene	5.870	5.869	PASS	7.041	7.040	PASS
gamma-BHC (Lindane)	6.361	6.361	PASS	7.338	7.337	PASS
beta-BHC	6.658	6.659	PASS	7.659	7.659	PASS
delta-BHC	6.989	6.989	PASS	7.965	7.966	PASS
Heptachlor	6.779	6.779	PASS	8.041	8.041	PASS
Aldrin	7.141	7.141	PASS	8.415	8.415	PASS
Heptachlor Epoxide	7.773	7.773	PASS	8.906	8.906	PASS
gamma-Chlordane	8.035	8.036	PASS	9.251	9.251	PASS
alpha-Chlordane	8.143	8.143	PASS	9.304	9.304	PASS
Endosulfan I	8.199	8.199	PASS	9.304	9.304	PASS
4,4'-DDE	8.384	8.386	PASS	9.463	9.462	PASS
Dieldrin	8.514	8.514	PASS	9.622	9.622	PASS
Endrin	8.851	8.852	PASS	9.866	9.866	PASS
4,4'-DDD	9.009	9.008	PASS	10.006	10.006	PASS
Endosulfan II	9.142	9.142	PASS	10.140	10.140	PASS
4,4'-DDT	9.294	9.295	PASS	10.312	10.312	PASS
Endrin Aldehyde	9.383	9.383	PASS	10.248	10.249	PASS
Endosulfan Sulfate	9.593	9.594	PASS	10.520	10.521	PASS
Methoxychlor	10.002	10.003	PASS	10.718	10.718	PASS
Endrin Ketone	10.196	10.196	PASS	10.907	10.907	PASS
Decachlorobiphenyl (S)	11.180	11.181	PASS	12.365	12.364	PASS

Quantitation Report (Not Reviewed)

Signal #1 : L:\DATA\070404_A\ECD23936.D\ECD1A.CH Vial: 31
Signal #2 : L:\DATA\070404_A\ECD23936.D\ECD2B.CH
Acq On : 4-4-2007 01:06:09 PM Operator: STM
Sample : LCS 580-17266/2-AA Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 13:22 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\ECD23937.D\ECD1A.CH Vial: 32
Signal #2 : L:\DATA\070404_A\ECD23937.D\ECD2B.CH
Acq On : 4-4-2007 01:25:38 PM Operator: STM
Sample : LCSD 580-17266/3-AA Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 04 13:53:13 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	55960693	36347224	20.720	19.634
		Spiked Amount 20.000	Range 60 - 150		Recovery =		103.60%	98.17%
26)	SR	Decachlorobiphen	11.18	12.36	25709266	14999168	16.717	19.913
		Spiked Amount 20.000	Range 60 - 150		Recovery =		83.58%	99.56%
		Target Compounds						
1)	T	Hexachlorobutadi	3.16	4.16	94741548	60748797	18.509	17.682
3)		alpha-BHC	5.97	6.94	87923384	48553249	21.927	19.513
4)	T	Hexachlorobenzen	5.87	7.04	56969721	37490262	14.908	19.029 #
5)	M	gamma-BHC (Linda	6.36	7.34	72675881	43094558	20.894	20.109
6)		beta-BHC	6.66	7.66	28240077	17861450	18.882	19.267
7)		delta-BHC	6.99	7.96	35718713	22832701	11.215	11.432
8)	M	Heptachlor	6.78	8.04	69568748	40691601	22.549	20.585
9)	M	Aldrin	7.14	8.41	67509006	38638932	22.027	20.600
10)		Heptachlor Epoxi	7.77	8.91	57048989	33208034	21.636	20.259
11)		gamma-Chlordane	8.03	9.25	58374705	31313878	21.897	20.500
12)		alpha-Chlordane	8.14	9.30	54939511	29857146	21.401	20.082
13)		Endosulfan I	8.20	9.30	54223930	29857146	22.804	20.638
14)		4,4'-DDE	8.38	9.46	48610691	28808537	21.033	21.138
15)	M	Dieldrin	8.51	9.62	57583462	30349114	22.839	20.834
16)	M	Endrin	8.85	9.87	42803925	26149587	23.053	21.385
17)		4,4'-DDD	9.01	10.01	41283960	23423760	20.648	20.910
18)		Endosulfan II	9.14	10.14	45839430	23698617	22.616	20.117
19)	M	4,4'-DDT	9.29	10.31	31139356	18780276	22.725	21.513
20)		Endrin Aldehyde	9.38	10.25	34636098	17640728	22.079	19.573
21)		Endosulfan Sulfa	9.59	10.52	38693797	20290084	20.962	18.639
22)		Methoxychlor	10.00	10.72	14723175	9460743	24.362	20.805
23)		Endrin Ketone	10.20	10.91	44359889	22284201	22.327	20.943
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.

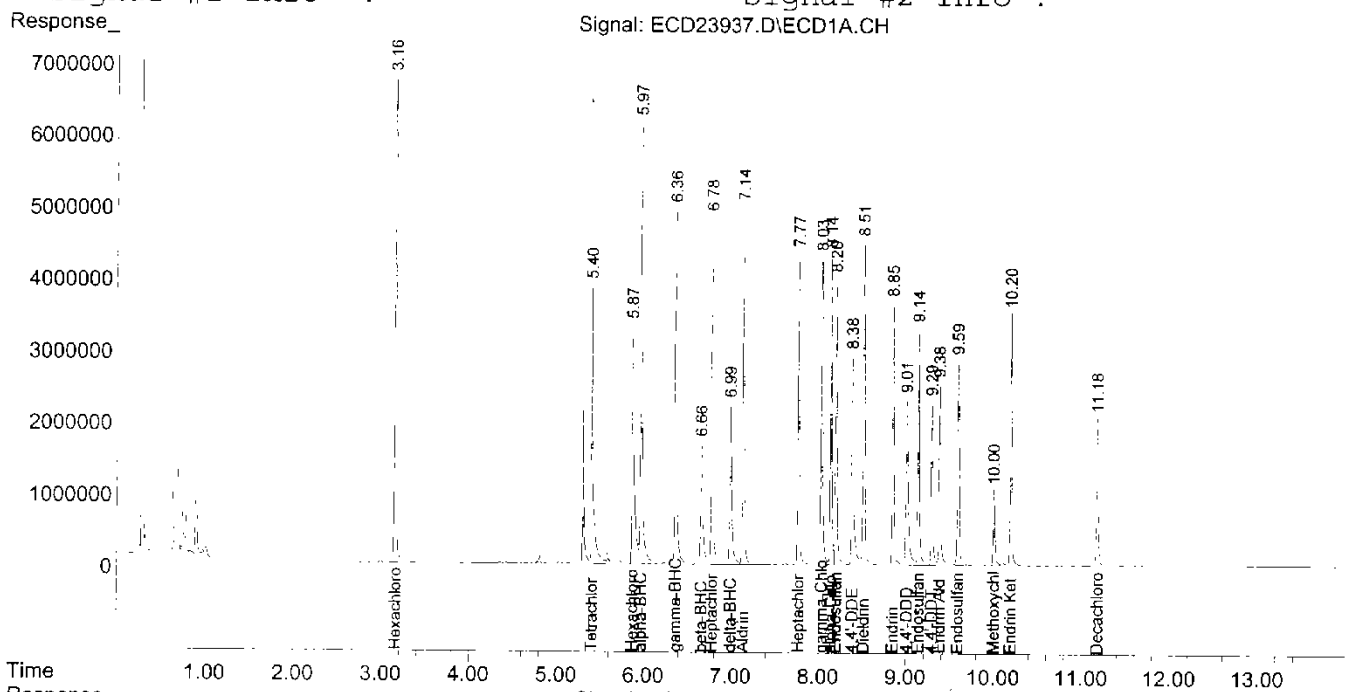
Data File Name	ECD23937.D
Sample Name	LCSD 580-17266/3-AA
RT STD File Name	ECD22089.D

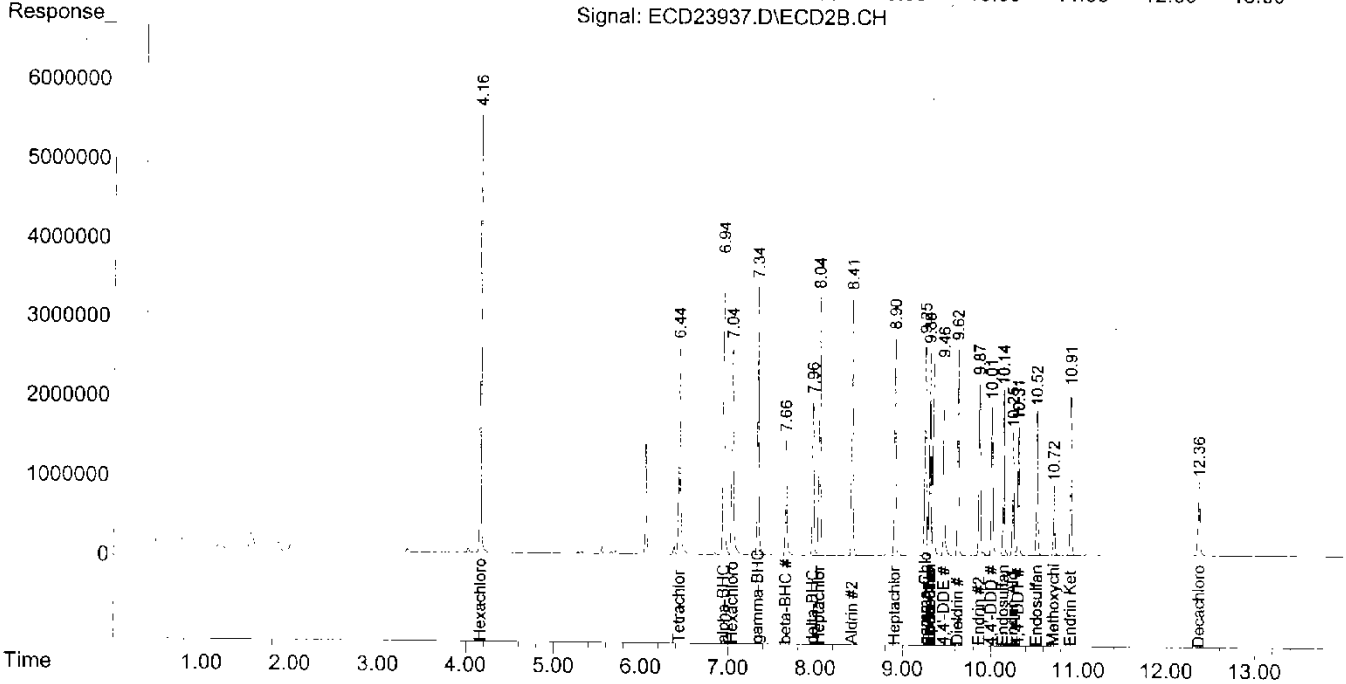
Name	Column #1 Ret Time	Std RT		Column #2 Ret Time	Std RT	
Hexachlorobutadiene	3.161	3.161	PASS	4.160	4.161	PASS
Tetrachloro-m-xylene (S)	5.404	5.405	PASS	6.436	6.437	PASS
alpha-BHC	5.966	5.967	PASS	6.941	6.941	PASS
Hexachlorobenzene	5.868	5.869	PASS	7.040	7.040	PASS
gamma-BHC (Lindane)	6.360	6.361	PASS	7.336	7.337	PASS
beta-BHC	6.657	6.659	PASS	7.658	7.659	PASS
delta-BHC	6.988	6.989	PASS	7.965	7.966	PASS
Heptachlor	6.778	6.779	PASS	8.040	8.041	PASS
Aldrin	7.140	7.141	PASS	8.414	8.415	PASS
Heptachlor Epoxide	7.771	7.773	PASS	8.905	8.906	PASS
gamma-Chlordane	8.034	8.036	PASS	9.251	9.251	PASS
alpha-Chlordane	8.142	8.143	PASS	9.304	9.304	PASS
Endosulfan I	8.198	8.199	PASS	9.304	9.304	PASS
4,4'-DDE	8.384	8.386	PASS	9.462	9.462	PASS
Dieldrin	8.514	8.514	PASS	9.622	9.622	PASS
Endrin	8.851	8.852	PASS	9.866	9.866	PASS
4,4'-DDD	9.008	9.008	PASS	10.006	10.006	PASS
Endosulfan II	9.141	9.142	PASS	10.140	10.140	PASS
4,4'-DDT	9.294	9.295	PASS	10.311	10.312	PASS
Endrin Aldehyde	9.383	9.383	PASS	10.248	10.249	PASS
Endosulfan Sulfate	9.593	9.594	PASS	10.520	10.521	PASS
Methoxychlor	10.002	10.003	PASS	10.718	10.718	PASS
Endrin Ketone	10.196	10.196	PASS	10.907	10.907	PASS
Decachlorobiphenyl (S)	11.180	11.181	PASS	12.363	12.364	PASS

Signal #1 : L:\DATA\070404_A\ECD23937.D\ECD1A.CH Vial: 32
Signal #2 : L:\DATA\070404_A\ECD23937.D\ECD2B.CH
Acq On : 4-4-2007 01:25:38 PM Operator: STM
Sample : LCSD 580-17266/3-AA Inst : SEA035
Misc : BT=SEA03517266 Multiplr: 1.00
IntFile Signal #1: AUTOINT1.E IntFile Signal #2: AUTOINT2.E
Quant Time: Apr 4 13:53 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 :





LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17266

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 7:28:28AM

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~580-17266/1 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
2	LCS~580-17266/2 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
3	LCSD~580-17266/3 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
4	580-5407-A-5 (8081A)	N/A	10.6374 g	10 mL	4/12/07	13_Days - E	4		
5	580-5407-A-6 (8081A)	N/A	10.1153 g	10 mL	4/12/07	13_Days - E	4		
6	580-5475-A-1 (8081A)	N/A	10.1627 g	10 mL	4/5/07	48_Hours	2		
7	580-5475-A-2 (8081A)	N/A	10.7775 g	10 mL	4/5/07	48_Hours	2		
8	580-5475-A-2~MS (8081A)	N/A	10.7062 g	10 mL	4/5/07	48_Hours	2		
9	580-5475-A-2~MSD (8081A)	N/A	10.7297 g	10 mL	4/5/07	48_Hours	2		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17266 Analyst: Chambers, Stephen L Batch Open: 4/4/2007 7:28:28AM

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

Comments

580-5407-A-5

Method Comments: Sediments -- low level

580-5407-A-6

Method Comments: Sediments -- low level

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17266

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 7:28:28AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17266/1	PESTSURR_00007	100 uL	10 mL		
LCS 580-17266/2	PESTSPIKE_00002	100 uL	10 mL		
LCS 580-17266/2	PESTSURR_00007	100 uL	10 mL		
LCSD 580-17266/3	PESTSPIKE_00002	100 uL	10 mL		
LCSD 580-17266/3	PESTSURR_00007	100 uL	10 mL		
580-5407-A-5	PESTSURR_00007	100 uL	10 mL		
580-5407-A-6	PESTSURR_00007	100 uL	10 mL		
580-5475-A-1	PESTSURR_00007	100 uL	10 mL		
580-5475-A-2	PESTSURR_00007	100 uL	10 mL		
580-5475-A-2 MS	PESTSPIKE_00002	100 uL	10 mL		
580-5475-A-2 MS	PESTSURR_00007	100 uL	10 mL		
580-5475-A-2 MSD	PESTSPIKE_00002	100 uL	10 mL		
580-5475-A-2 MSD	PESTSURR_00007	100 uL	10 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17266

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 7:28:28AM

Method Code: 580-3550B_LL-580

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

PCB DATA PACKAGE

SAMPLE DATA

Signal #1 : Z:\DATA\070405_A\PCB7038.D\ECD1A.CH Vial: 32
Signal #2 : Z:\DATA\070405_A\PCB7038.D\ECD2B.CH
Acq On : 05 Apr 2007 10:58 am Operator: SLC
Sample : 580-5407-A-5-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 12:08:32 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 :

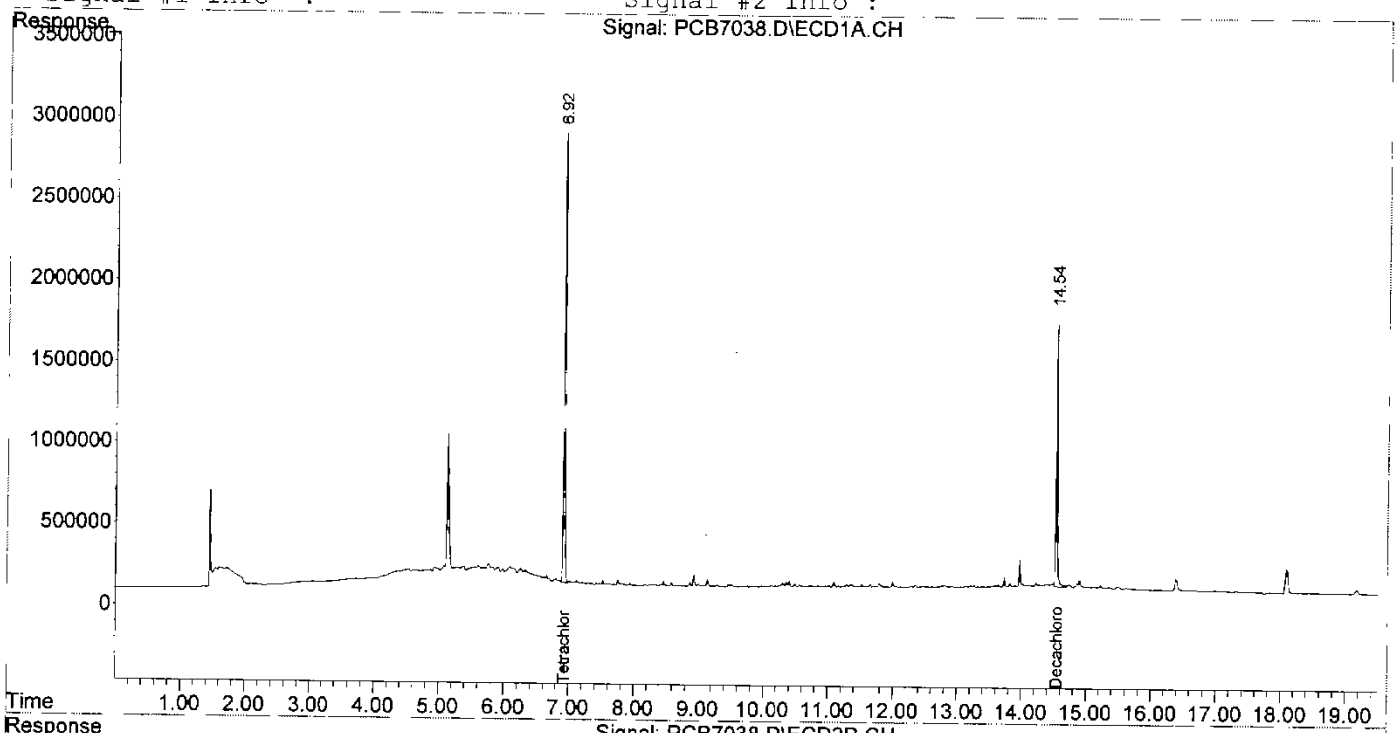
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	43383881	48915497	16.864	15.939
	Spiked Amount 20.000			Recovery	=	84.32%	79.70%
14) S	Decachlorobiphen	14.54	15.85	25479599	32283994	13.524	16.203
	Spiked Amount 20.000			Recovery	=	67.62%	81.01%
	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

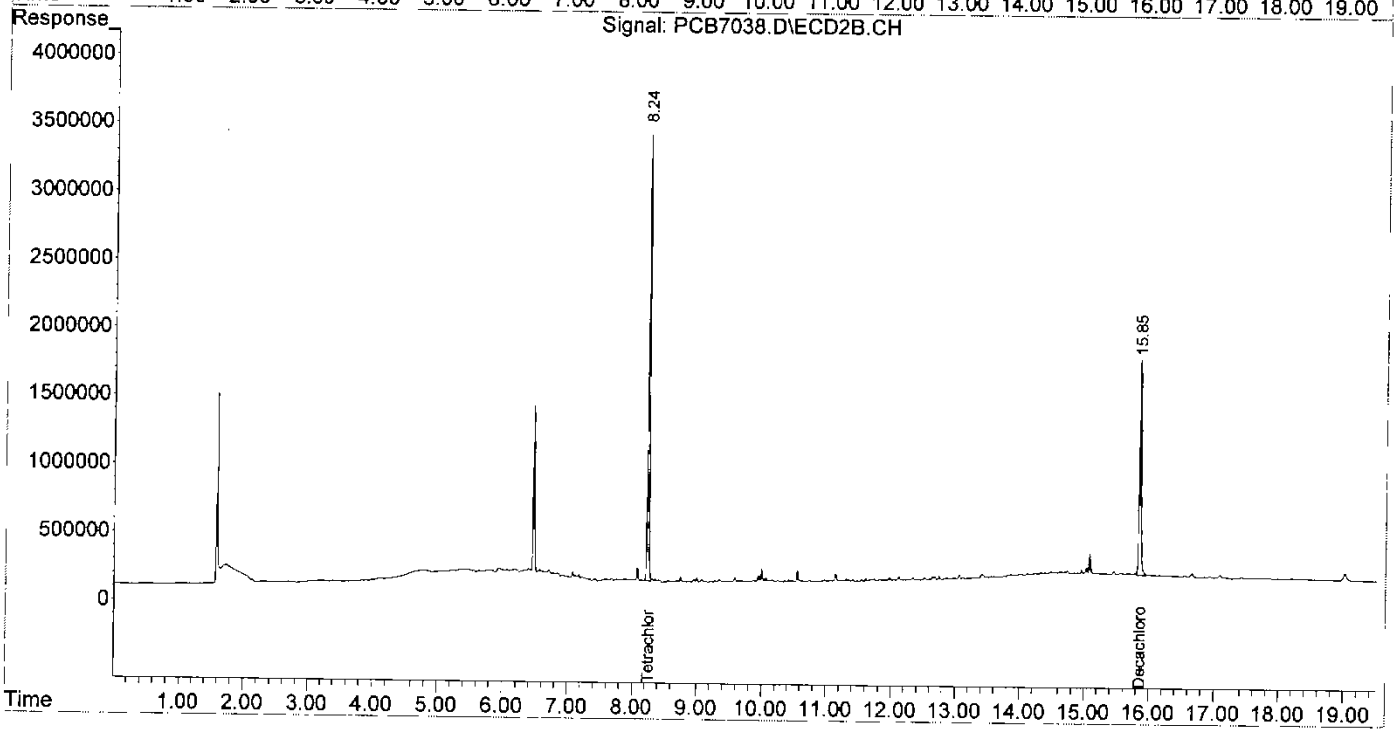
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Signal #1 : Z:\DATA\070405_A\PCB7038.D\ECD1A.CH Vial: 32
Signal #2 : Z:\DATA\070405_A\PCB7038.D\ECD2B.CH
Acq On : 05 Apr 2007 10:58 am Operator: SLC
Sample : 580-5407-A-5-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 12:09 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\070405_A\PCB7038.D\ECD1A.CH Vial: 32
Signal #2 : Z:\DATA\070405_A\PCB7038.D\ECD2B.CH
Acq On : 05 Apr 2007 10:58 am Operator: SLC
Sample : 580-5407-A-5-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 12:08:32 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
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Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

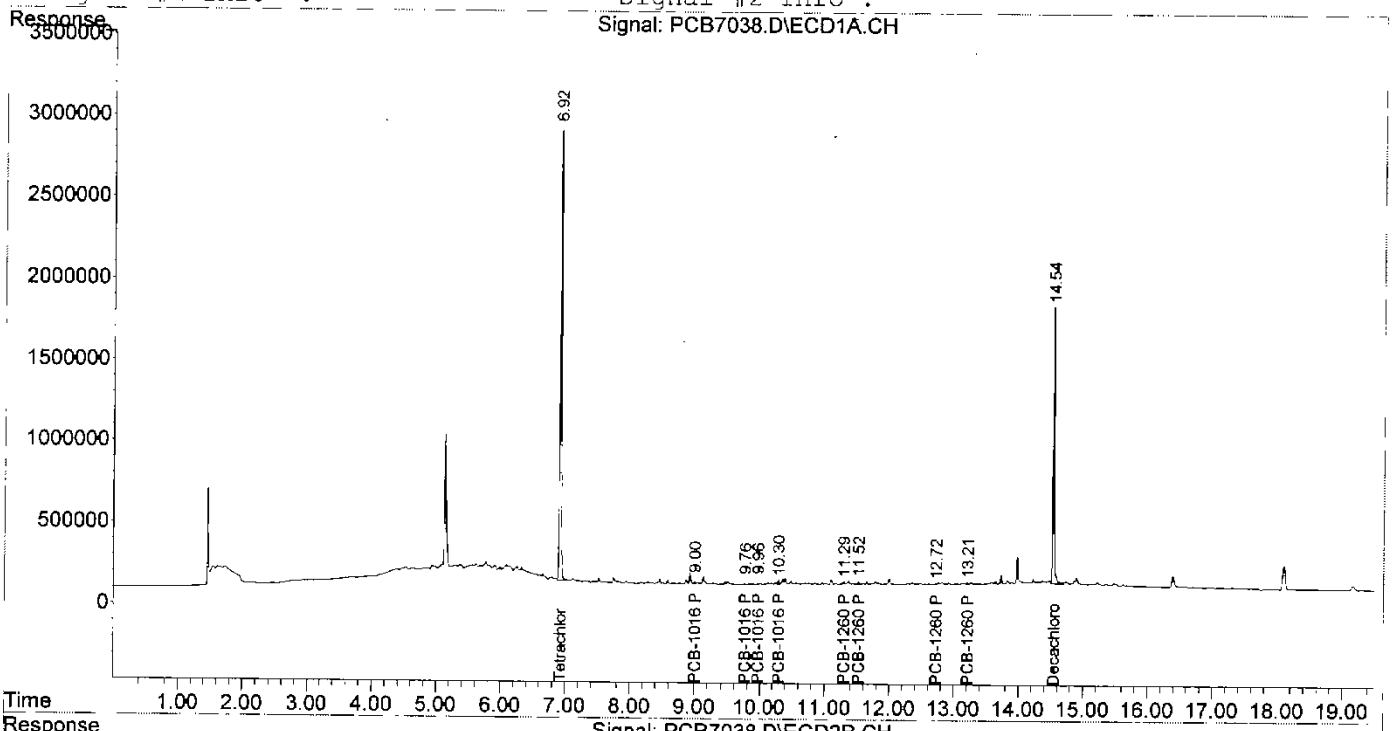
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	43383881	48915497	16.864	15.939
	Spiked Amount 20.000			Recovery	=	84.32%	79.70%
14) S	Decachlorobiphen	14.54	15.85	25479599	32283994	13.524	16.203
	Spiked Amount 20.000			Recovery	=	67.62%	81.01%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.33	9.34f	129163	531401	N.D.	8.012 #
3) L3	PCB-1016 Peak 2	9.00	10.06	245507	479147	1.969	4.750 #
4) L3	PCB-1016 Peak 3	9.76	10.15	124362	373522	2.014	N.D. #
5) L3	PCB-1016 Peak 4	9.96	10.74	92124	280601	1.756	N.D. #
6) L3	PCB-1016 Peak 5	10.30	11.30	438685	460020	7.225	6.750
7) L3	PCB-1016 - Total	0.00	0.00	1029841	2124690	2.634m	5.389m#
8) L4	PCB-1260 Peak 1	11.29	12.38f	310477	75318	2.722	0.579 #
9) L4	PCB-1260 Peak 2	11.52	12.34	303456	467279	2.008	1.238 #
10) L4	PCB-1260 Peak 3	11.78	12.69	423905	345631	N.D.	2.476 #
11) L4	PCB-1260 Peak 4	12.72	13.86f	55422	434414	0.253	2.001 #
12) L4	PCB-1260 Peak 5	13.21	14.24	243608	420889	1.442	3.317 #
13) L4	PCB-1260 - Total	0.00	0.00	1336868	1743531	1.793m	2.320m#

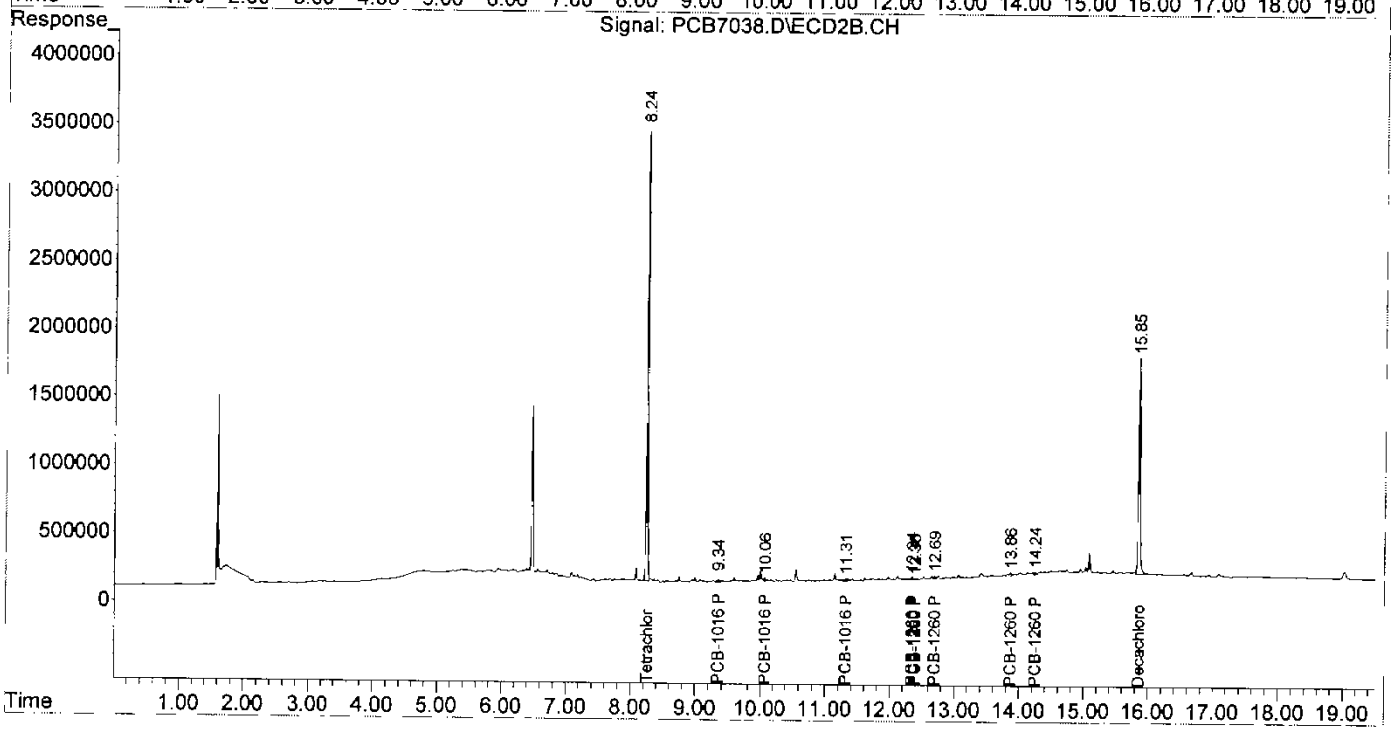
(f)=RT Delta > 1/2 Window (#)=Amounts differ > 25% (m)=manual int.

Signal #1 : Z:\DATA\070405_A\PCB7038.D\ECD1A.CH Vial: 32
Signal #2 : Z:\DATA\070405_A\PCB7038.D\ECD2B.CH
Acq On : 05 Apr 2007 10:58 am Operator: SLC
Sample : 580-5407-A-5-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 12:08 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\070405_A\PCB7039.D\ECD1A.CH Vial: 33
Signal #2 : Z:\DATA\070405_A\PCB7039.D\ECD2B.CH
Acq On : 05 Apr 2007 11:21 am Operator: SLC
Sample : 580-5407-A-6-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 12:09:15 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 : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

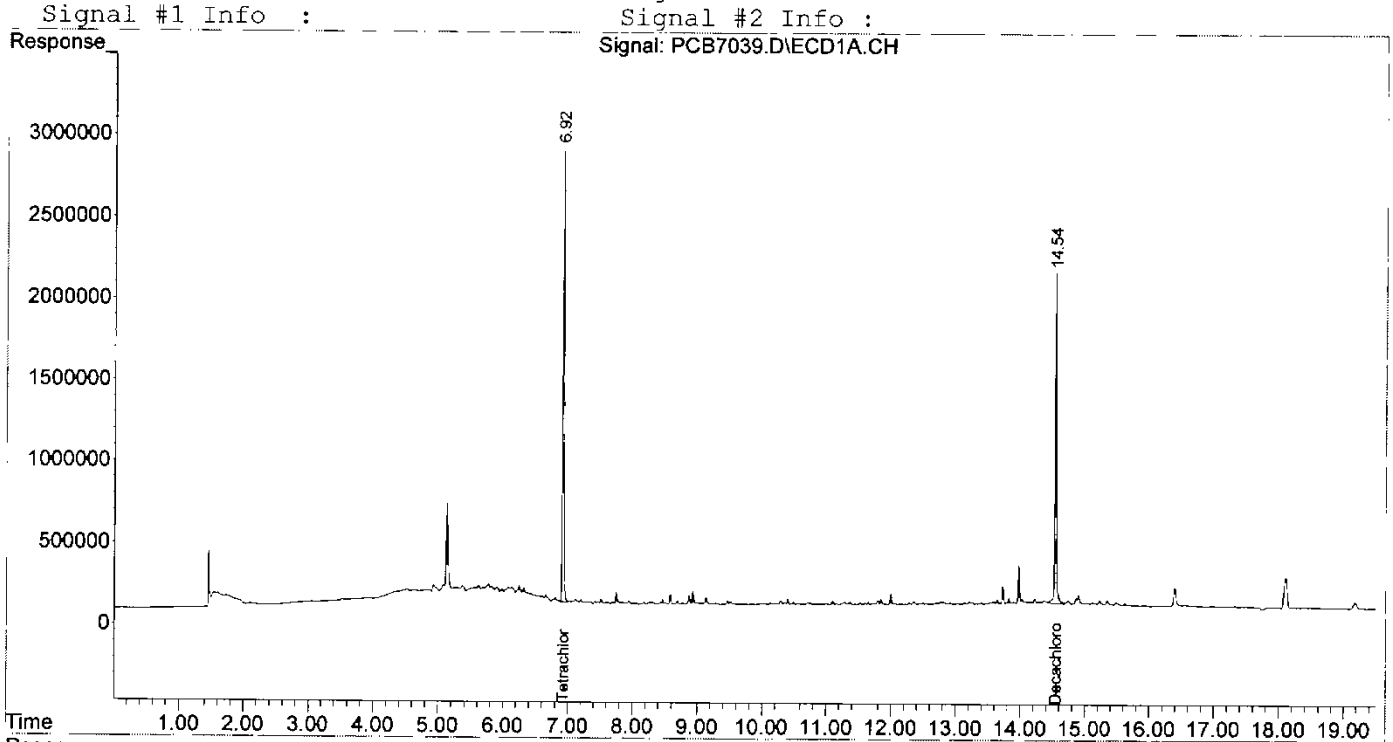
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	42230264	47870272	16.416	15.598
	Spiked Amount 20.000			Recovery	=	82.08%	77.99%
14)	S Decachlorobiphen	14.54	15.85	30467621	37651873	16.171	18.897
	Spiked Amount 20.000			Recovery	=	80.86%	94.48%
	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

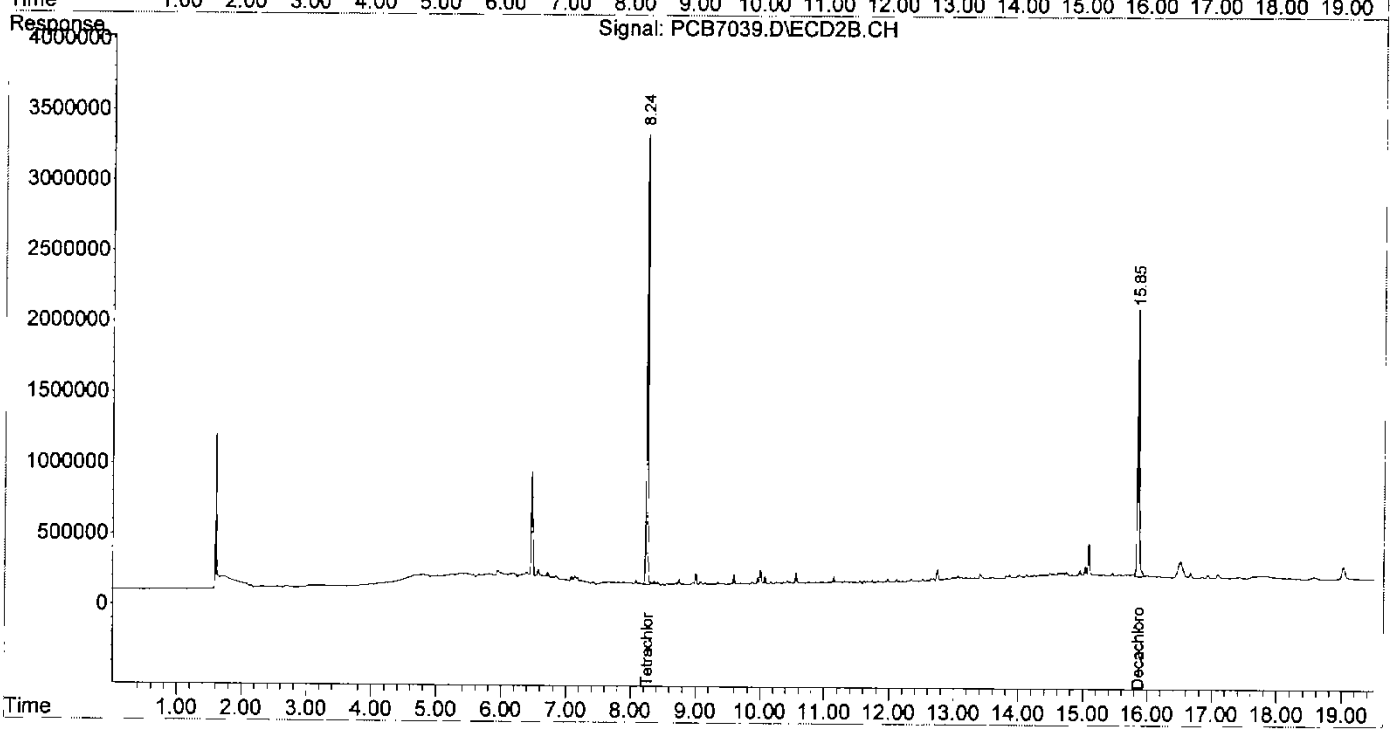
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Signal #1 : Z:\DATA\070405_A\PCB7039.D\ECD1A.CH Vial: 33
Signal #2 : Z:\DATA\070405_A\PCB7039.D\ECD2B.CH
Acq On : 05 Apr 2007 11:21 am Operator: SLC
Sample : 580-5407-A-6-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 12:09 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\070405_A\PCB7039.D\ECD1A.CH Vial: 33
Signal #2 : Z:\DATA\070405_A\PCB7039.D\ECD2B.CH
Acq On : 05 Apr 2007 11:21 am Operator: SLC
Sample : 580-5407-A-6-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 12:09:15 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 : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

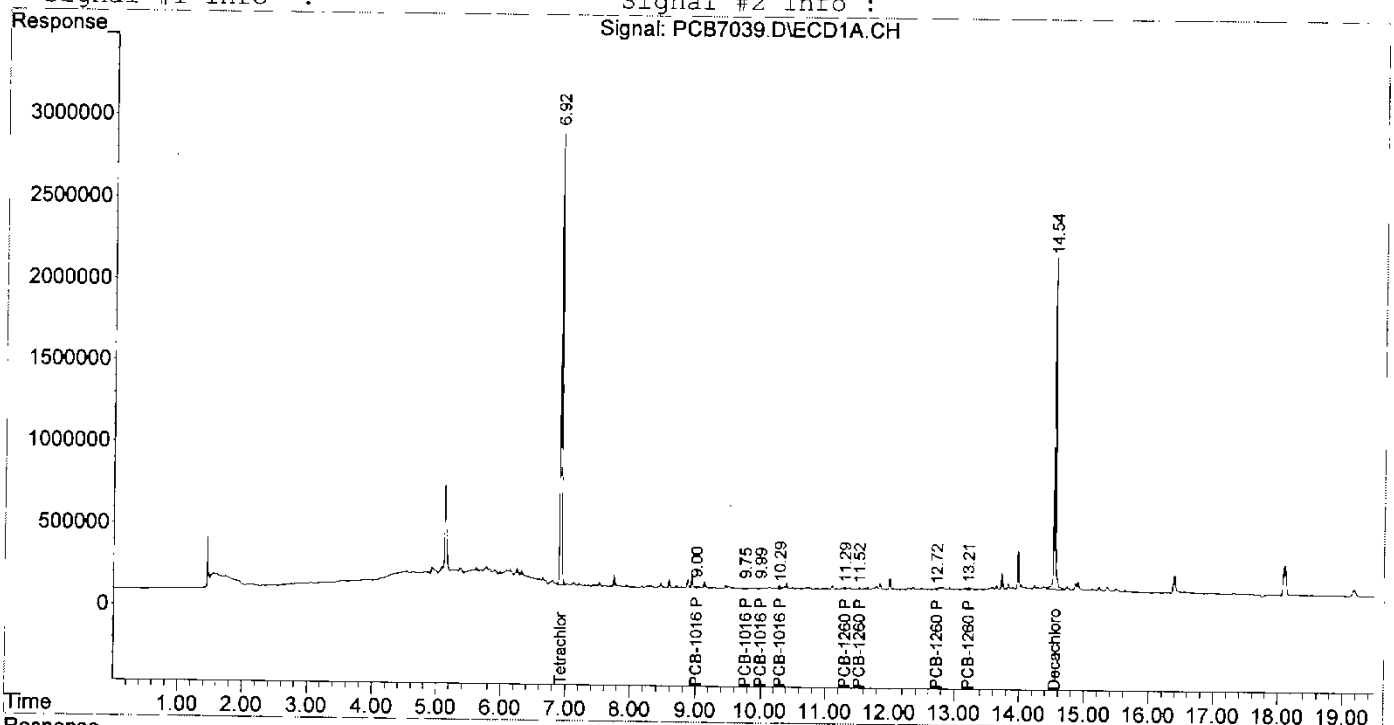
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	42230264	47870272	16.416	15.598
	Spiked Amount 20.000			Recovery	=	82.08%	77.99%
14)	S Decachlorobiphen	14.54	15.85	30467621	37651873	16.171	18.897
	Spiked Amount 20.000			Recovery	=	80.86%	94.48%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	0.00	9.34f	0	722047	N.D.	10.887 #
3)	L3 PCB-1016 Peak 2	9.00	10.06	106067	1020977	0.851	10.122 #
4)	L3 PCB-1016 Peak 3	9.75	10.15	138936	502732	2.251	N.D. #
5)	L3 PCB-1016 Peak 4	9.99f	10.76	110784	644692	2.112	5.710 #
6)	L3 PCB-1016 Peak 5	10.29	11.30	389833	439554	6.420	6.450
7)	L3 PCB-1016 - Total	0.00	0.00	745620	3330002	1.907m	8.445m#
8)	L4 PCB-1260 Peak 1	11.29	12.39f	190943	108145	1.674	0.831 #
9)	L4 PCB-1260 Peak 2	11.52	12.34	205693	436353	1.361	0.987 #
10)	L4 PCB-1260 Peak 3	11.79	12.69	461151	283022	N.D.	2.028 #
11)	L4 PCB-1260 Peak 4	12.72	13.86f	88920	521126	0.407	2.400 #
12)	L4 PCB-1260 Peak 5	13.21	14.24	325460	362543	1.926	2.858 #
13)	L4 PCB-1260 - Total	0.00	0.00	1272167	1711189	1.706m	2.277m#

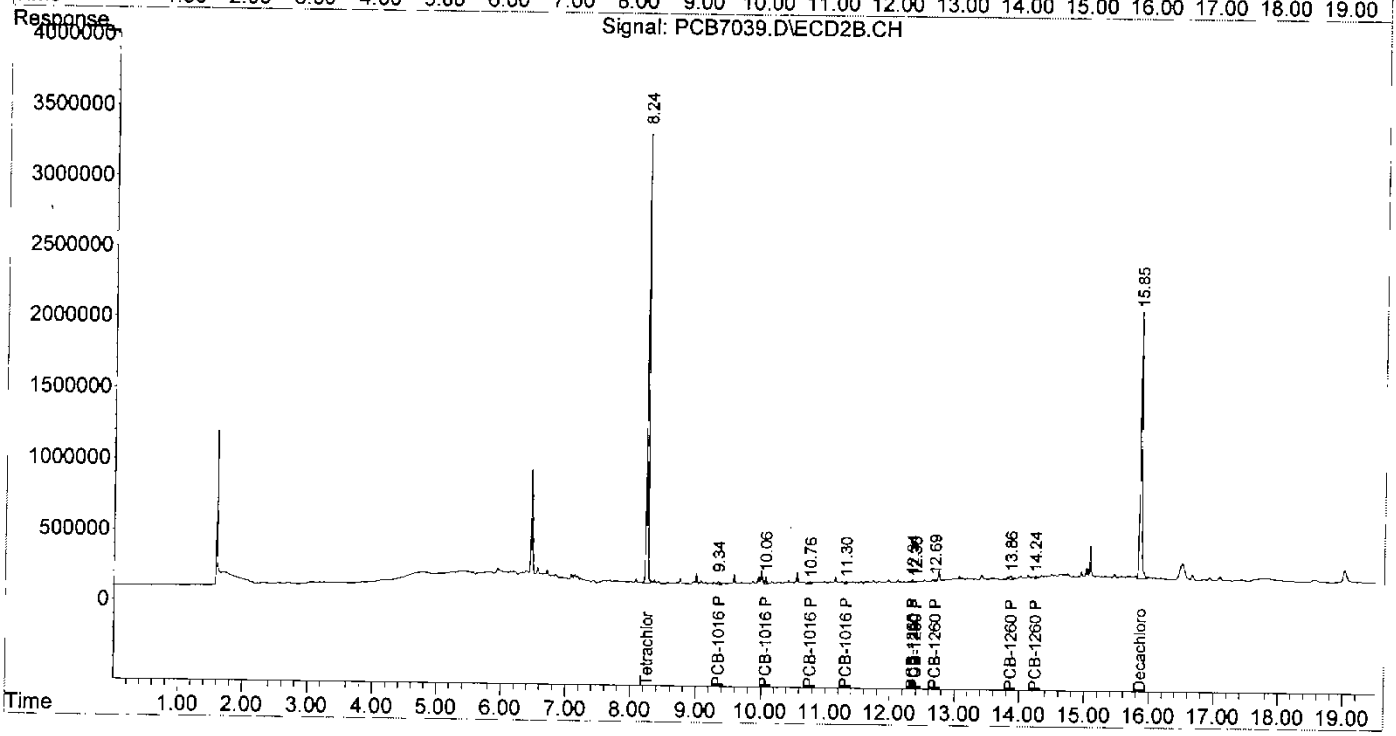
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Signal #1 : Z:\DATA\070405_A\PCB7039.D\ECD1A.CH Vial: 33
Signal #2 : Z:\DATA\070405_A\PCB7039.D\ECD2B.CH
Acq On : 05 Apr 2007 11:21 am Operator: SLC
Sample : 580-5407-A-6-D Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 12:09 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 :





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

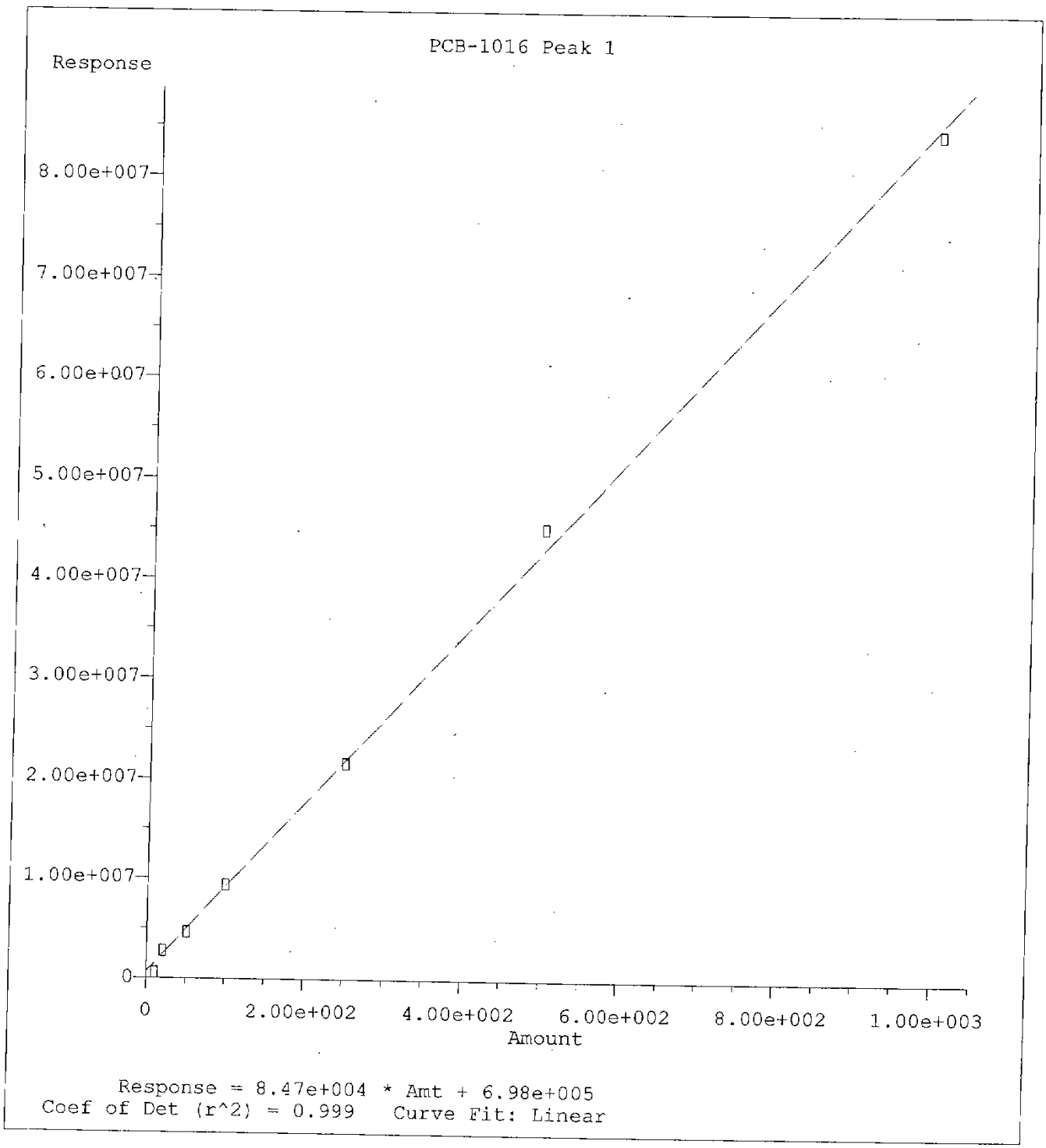
Calibration Files
250 =PCB6770.D 100 =PCB6769.D 500 =PCB6771.D
50 =PCB6768.D 20 =PCB6767.D 10 =PCB6766.D

		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	

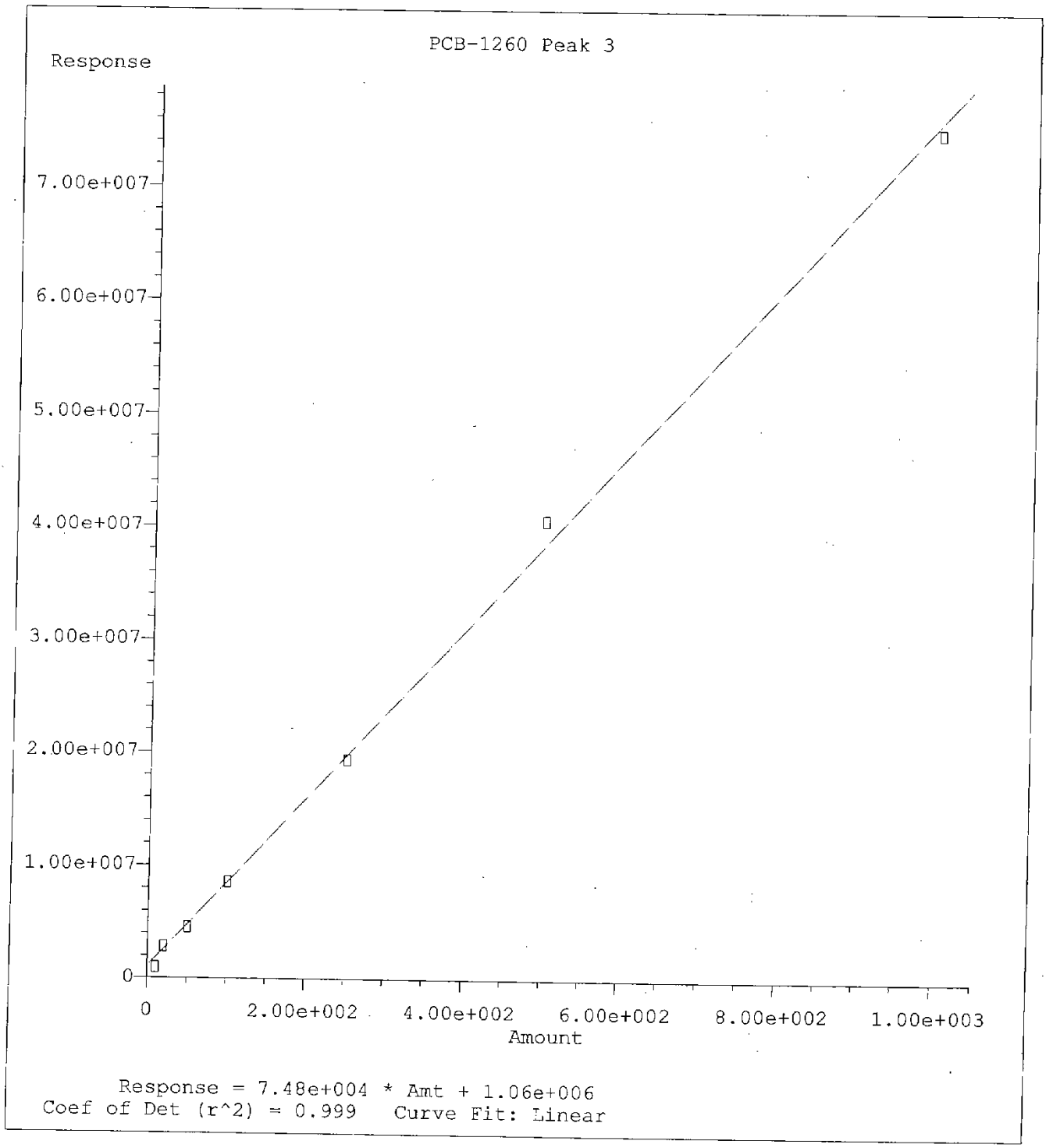
Signal #2 Calibration Files
250 =PCB6770.D 100 =PCB6769.D 500 =PCB6771.D
50 =PCB6768.D 20 =PCB6767.D 10 =PCB6766.D

		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	

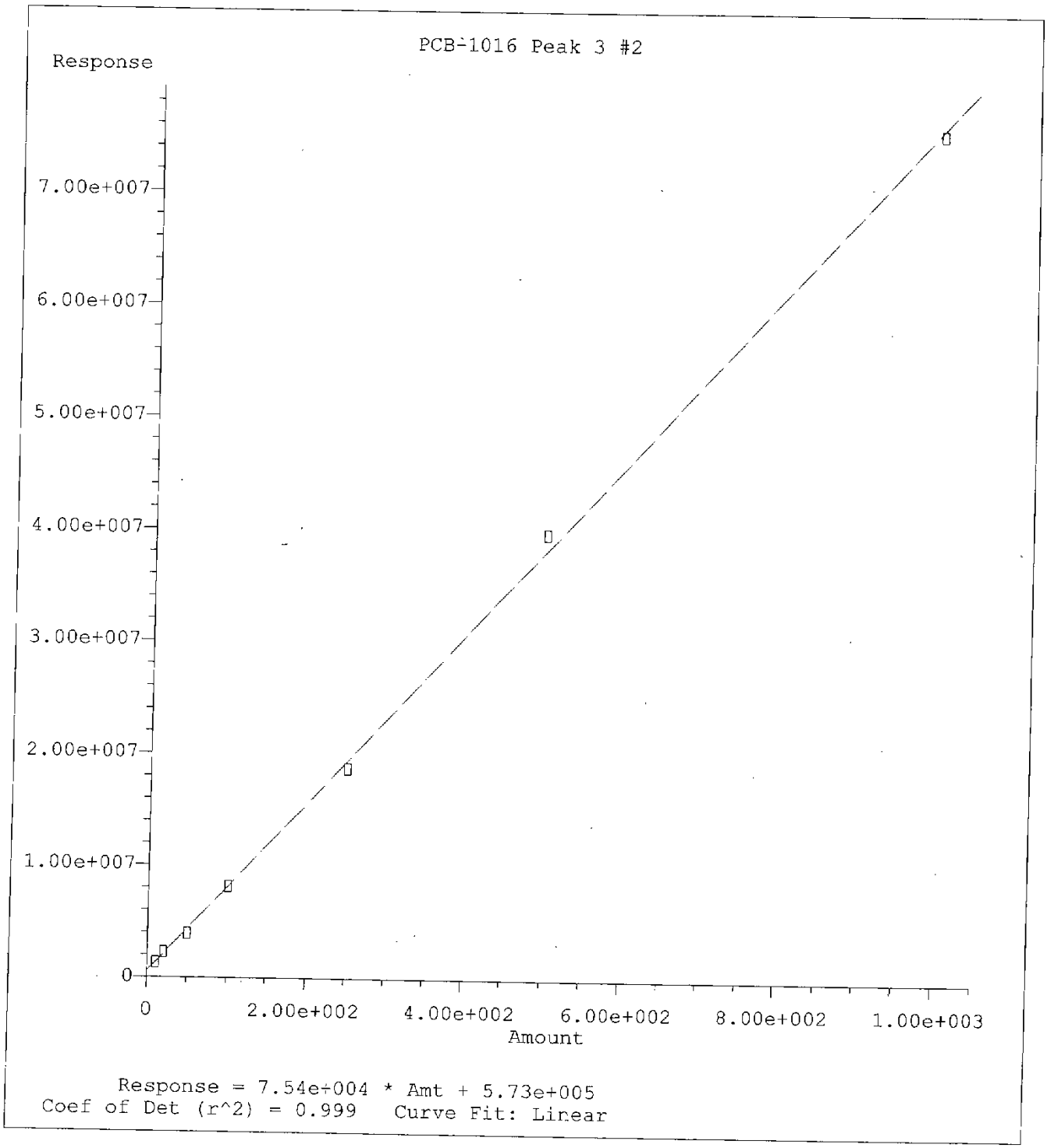
#) = Out of Range ### Number of calibration levels exceeded format ###



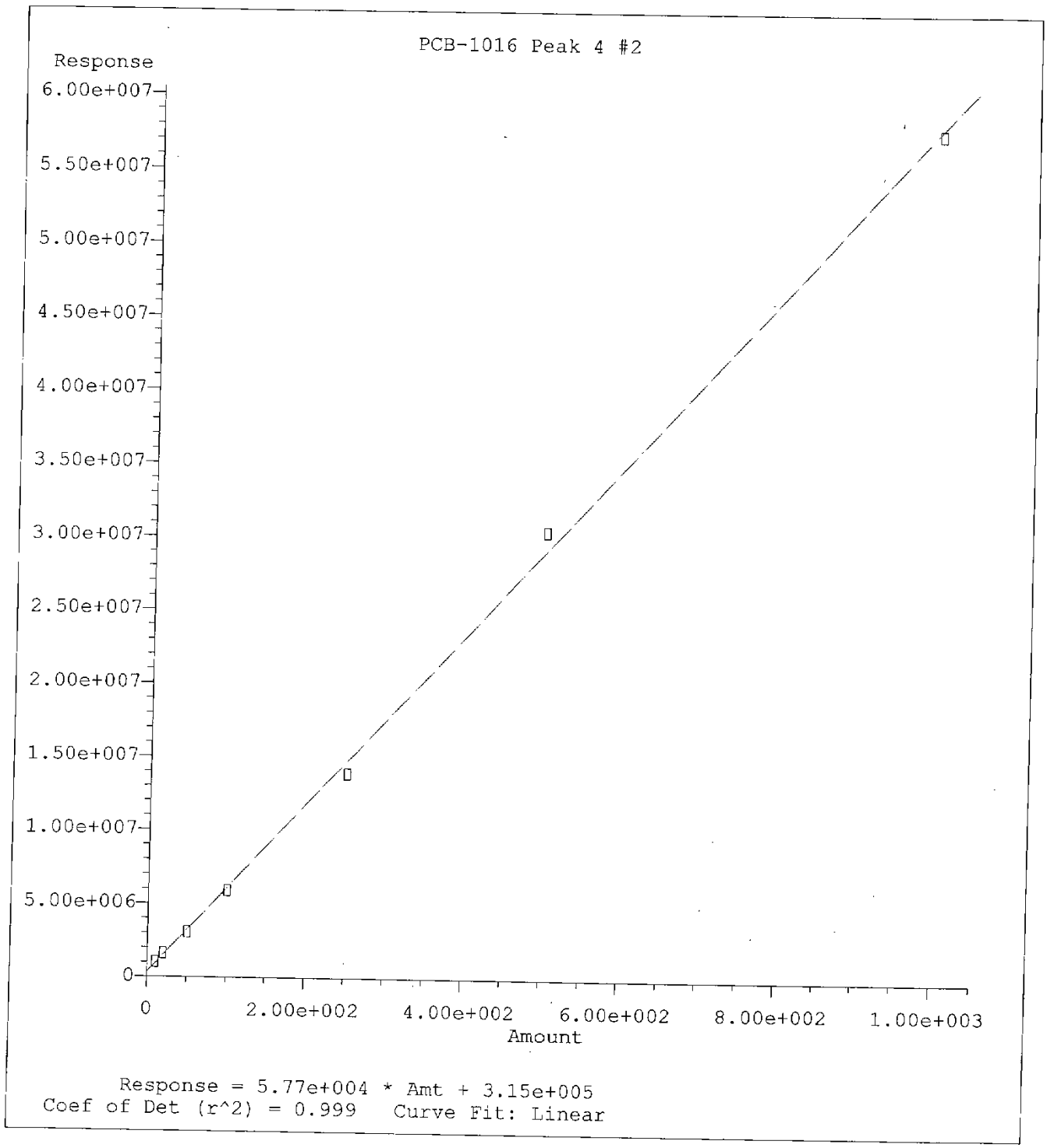
Method Name: Z:\METHODS\1660_8082_070319.M
Calibration Table Last Updated: Tue Mar 20 09:27:49 2007



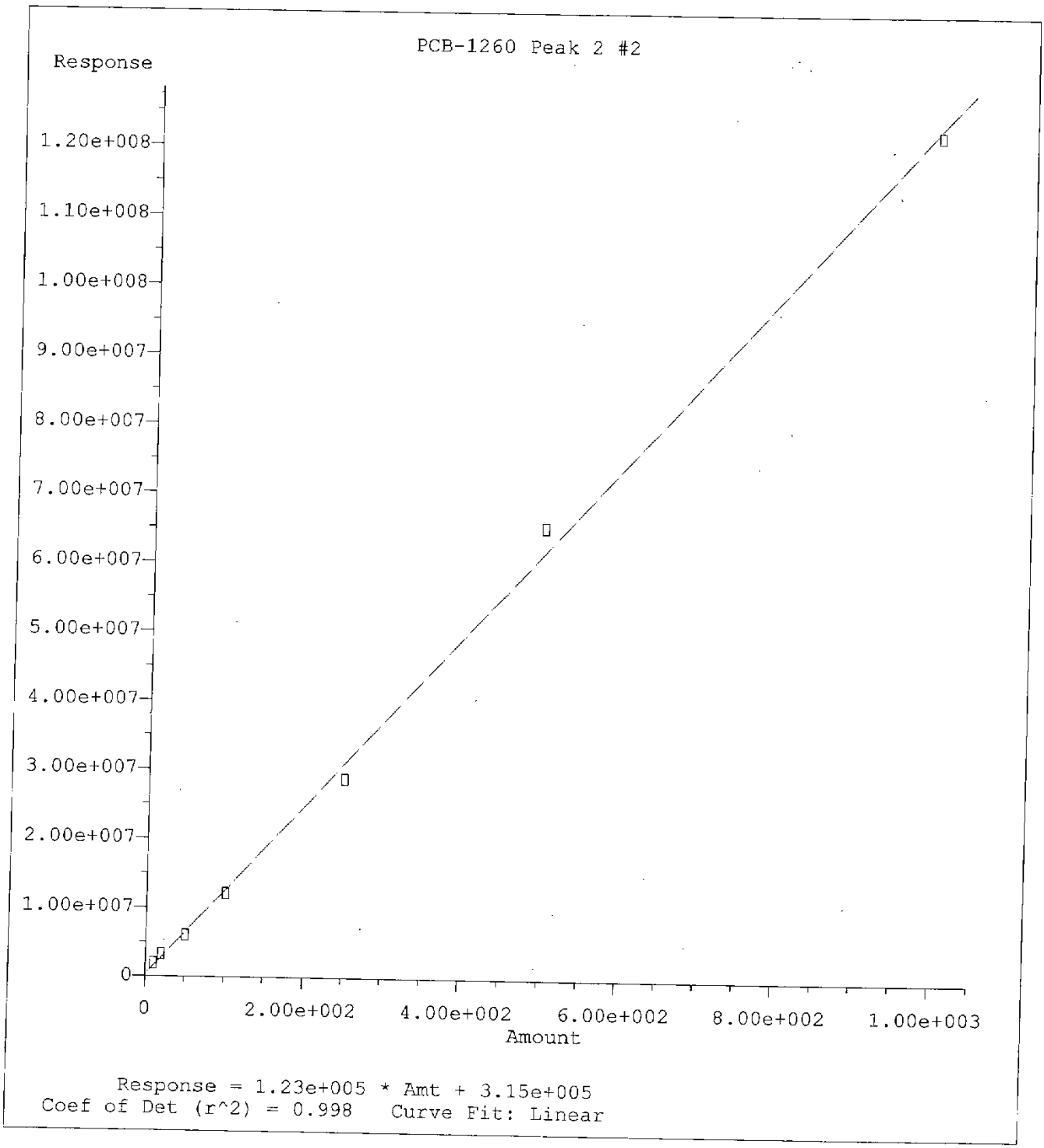
Method Name: Z:\METHODS\1660_8082_070319.M
Calibration Table Last Updated: Tue Mar 20 09:27:49 2007



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

Calibration Status Report - sea054

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

Quantitation Report (Not Reviewed)

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

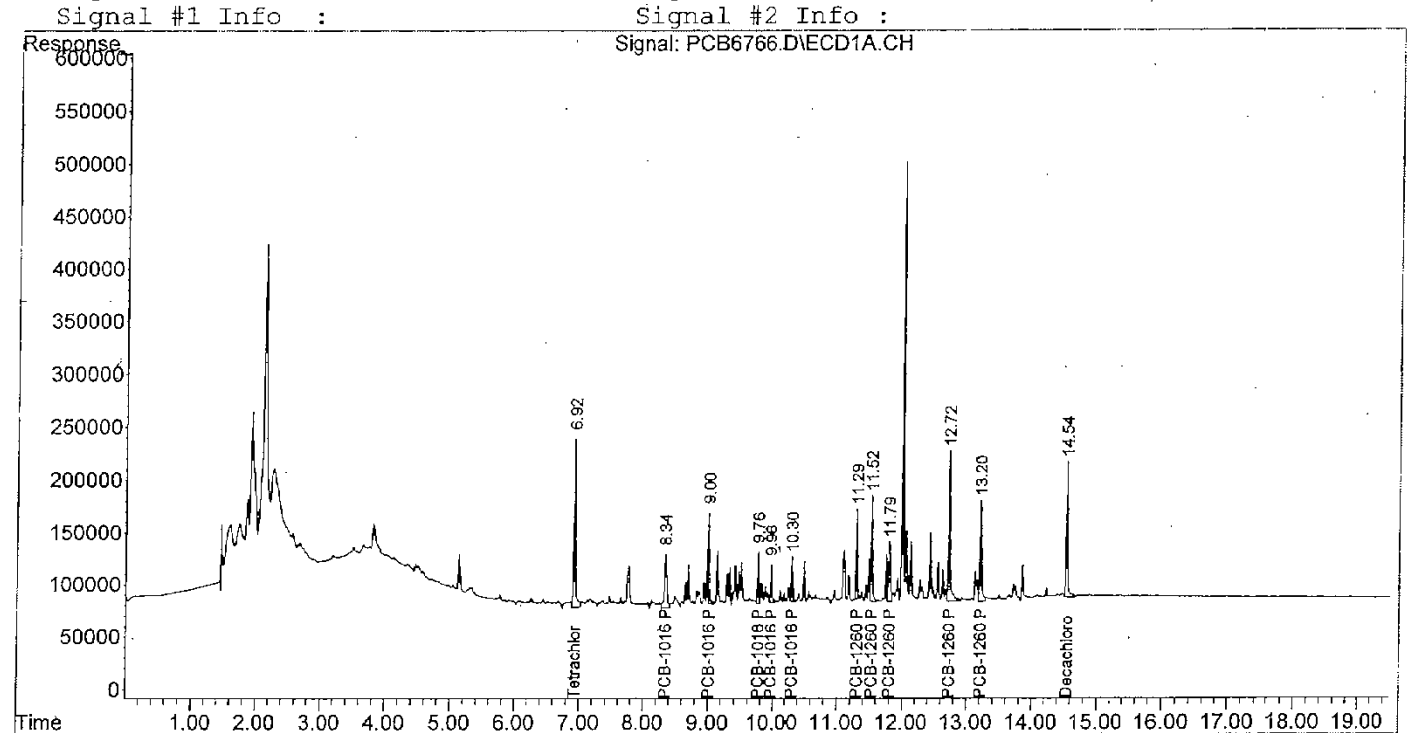
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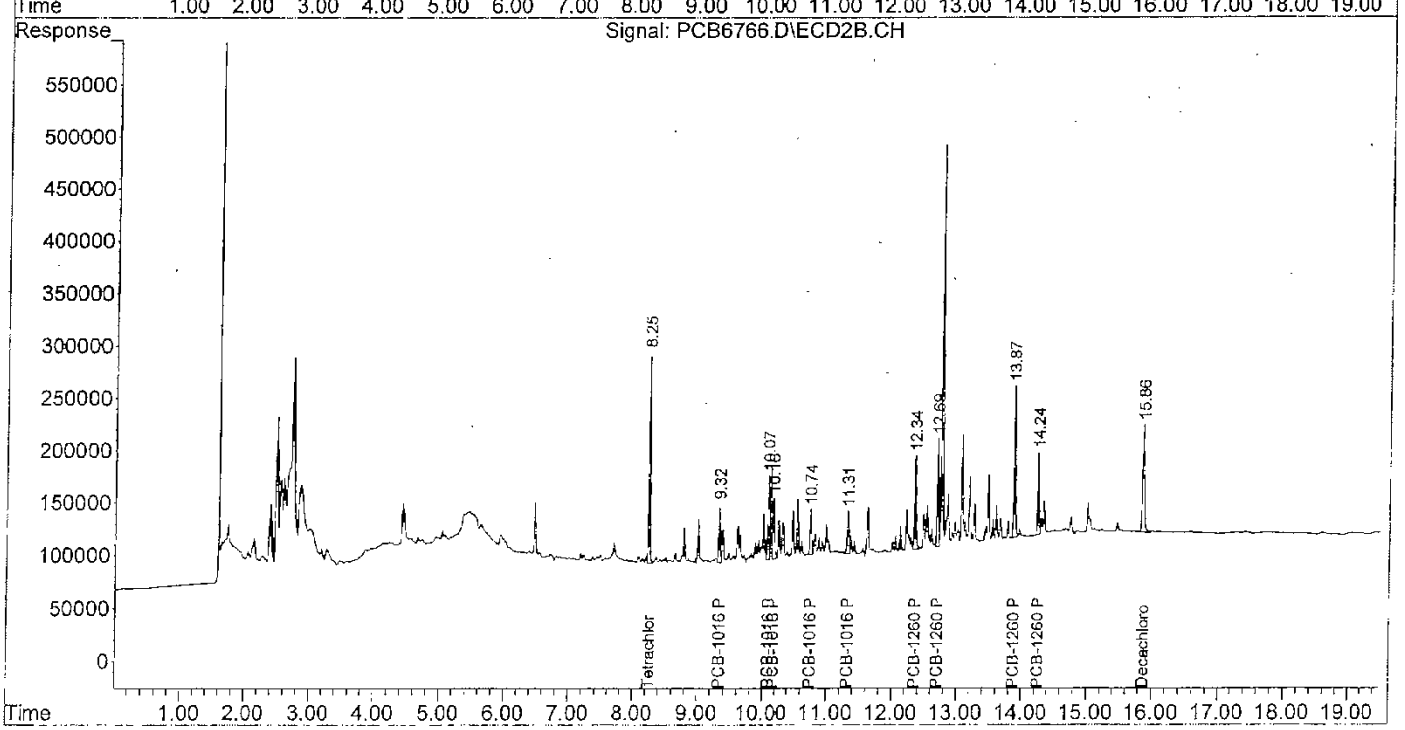
Quantitation Report (Not Reviewed)

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 :





Quantitation Report (Not Reviewed)

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

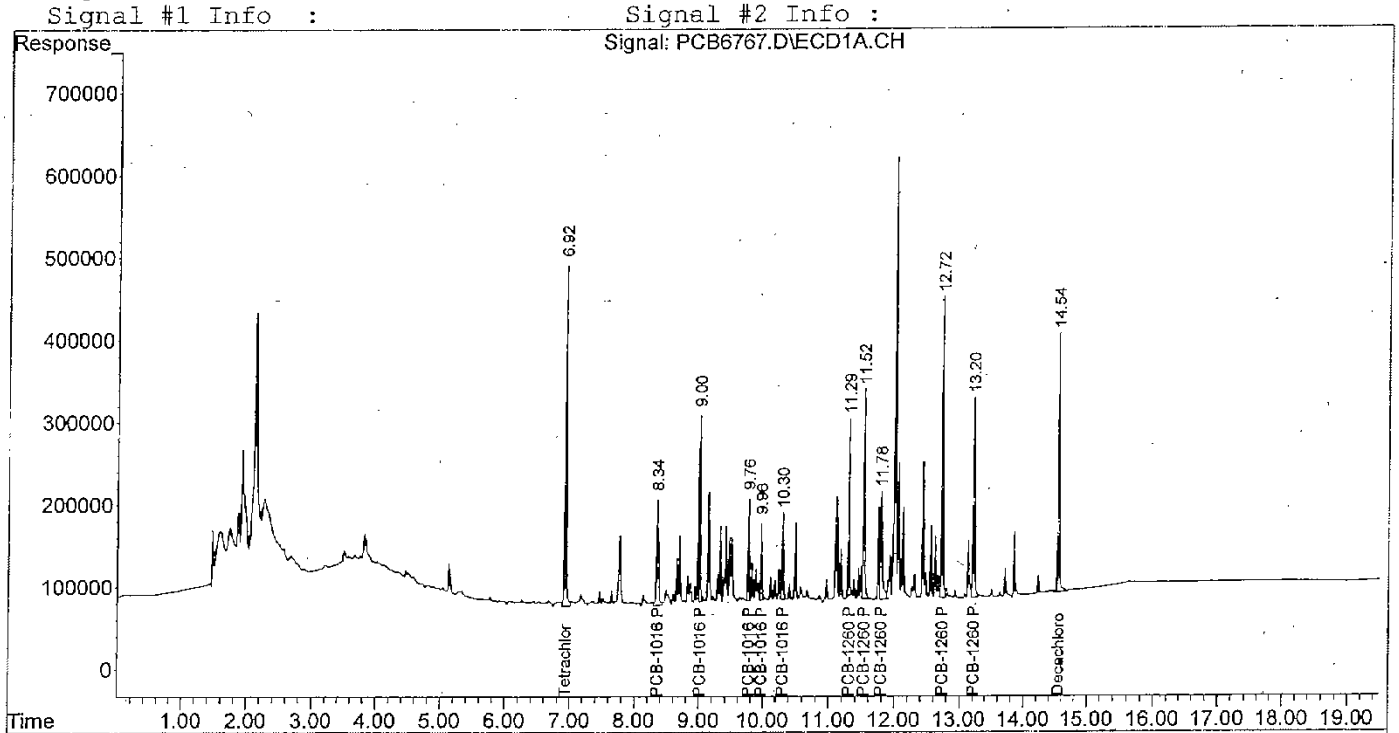
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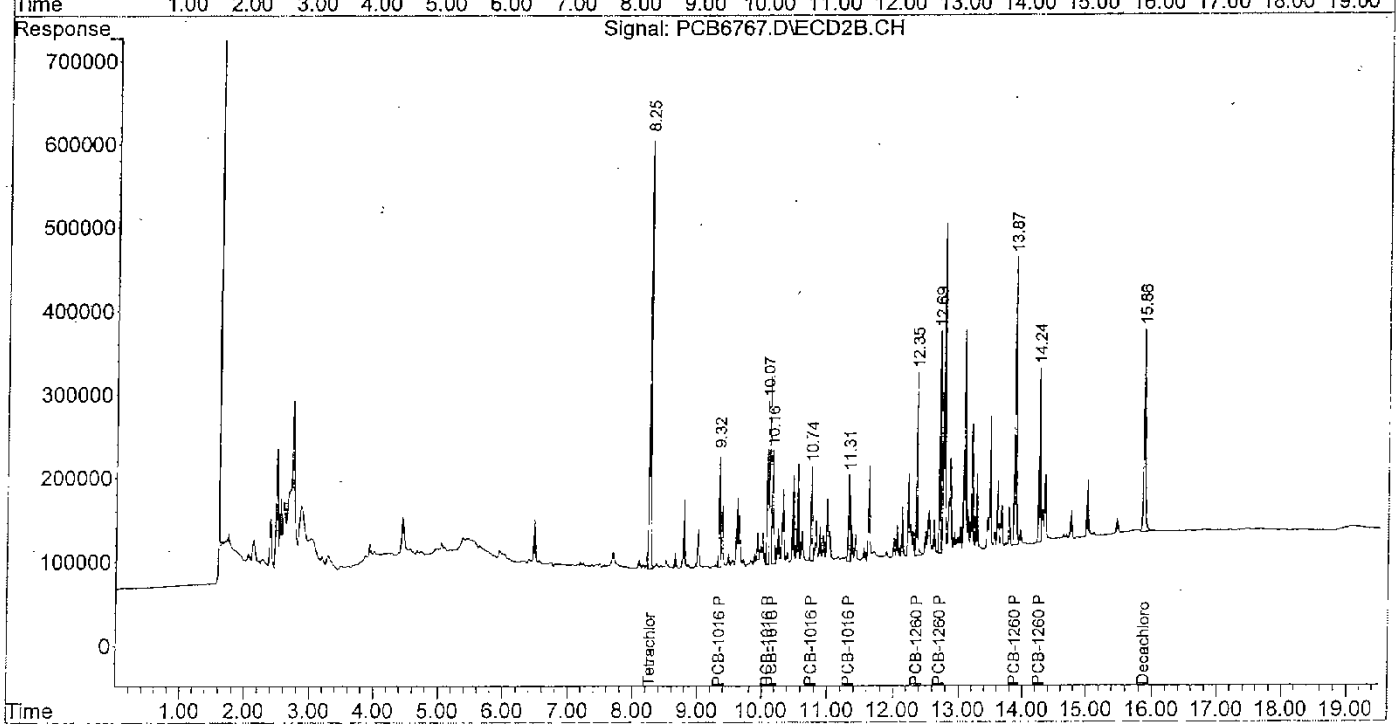
Quantitation Report (Not Reviewed)

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 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 :





Quantitation Report (Not Reviewed)

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=SEA03416721 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

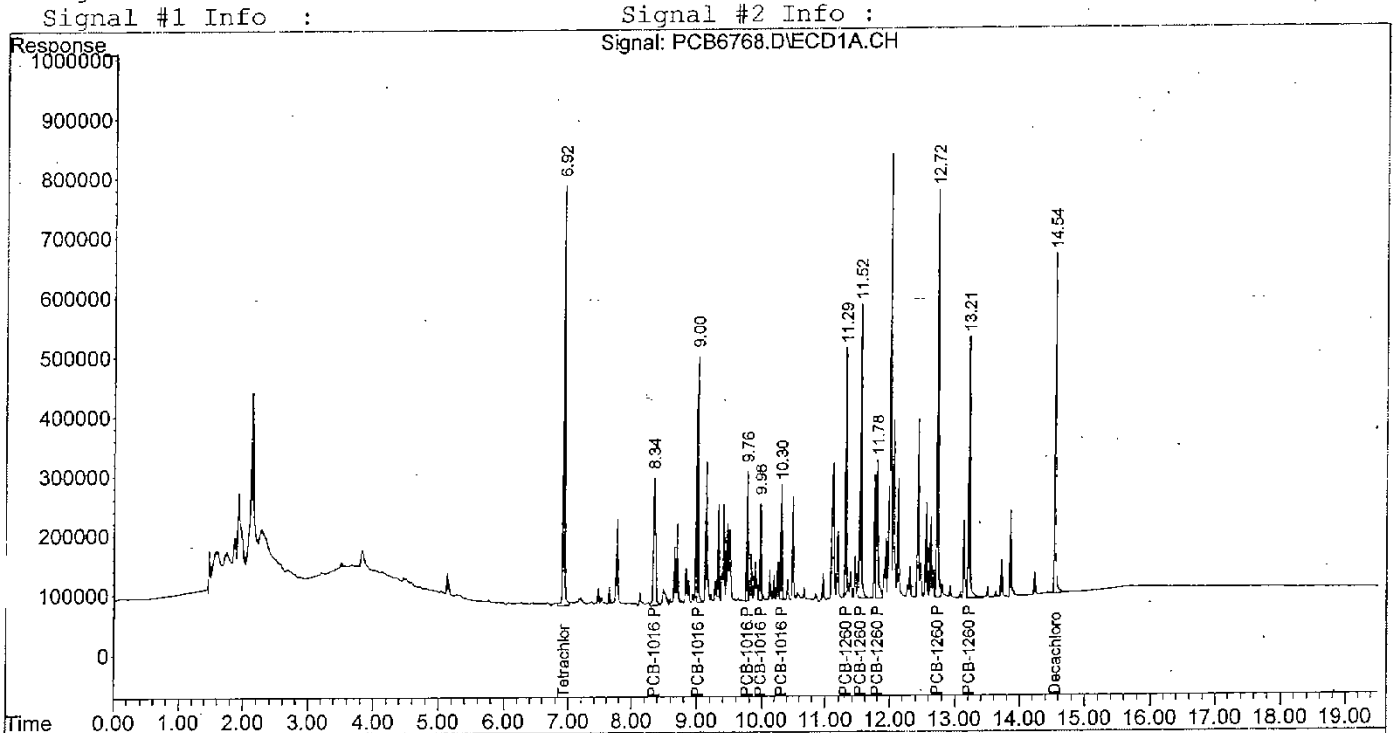
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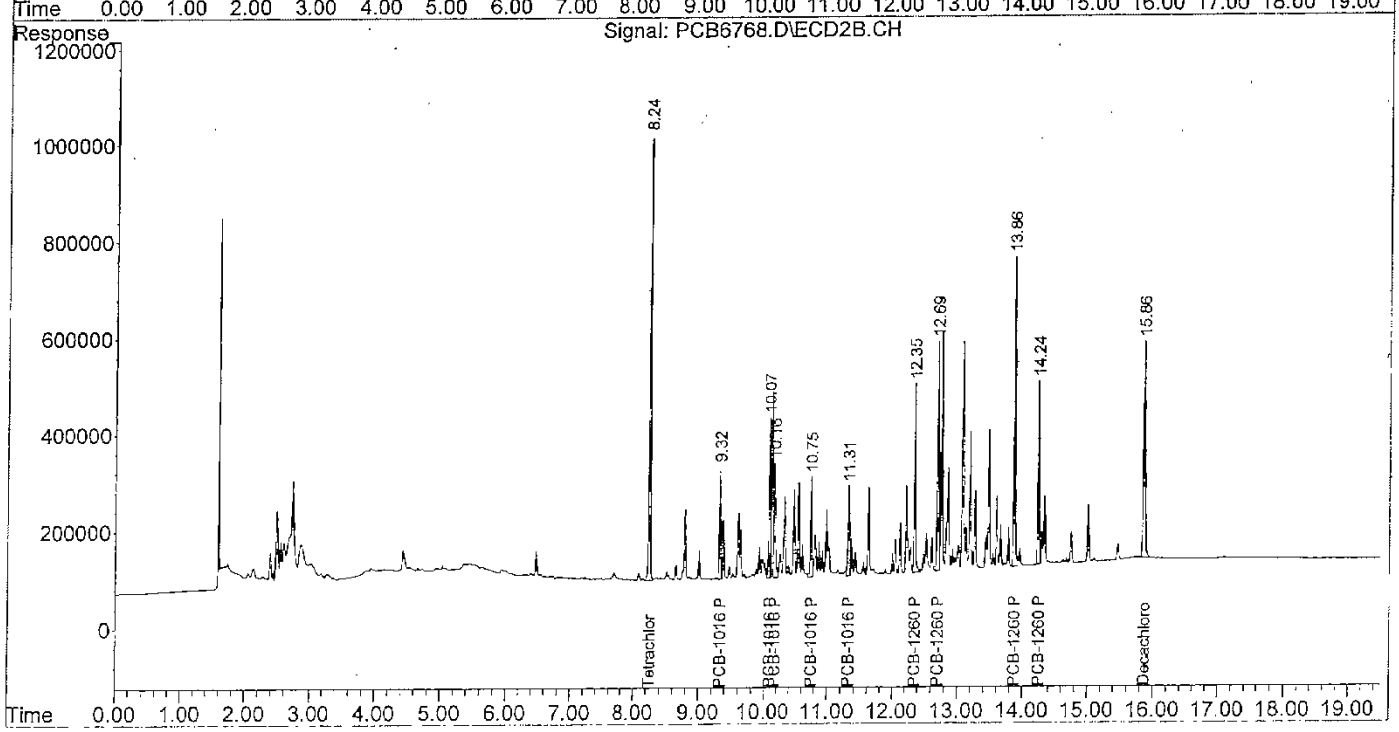
Quantitation Report (Not Reviewed)

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=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 :





Quantitation Report (Not Reviewed)

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

Data File Name PCB6769.D
Operator SNB/SLC
Date Acquired 3/19/2007
Instrument Name sea034

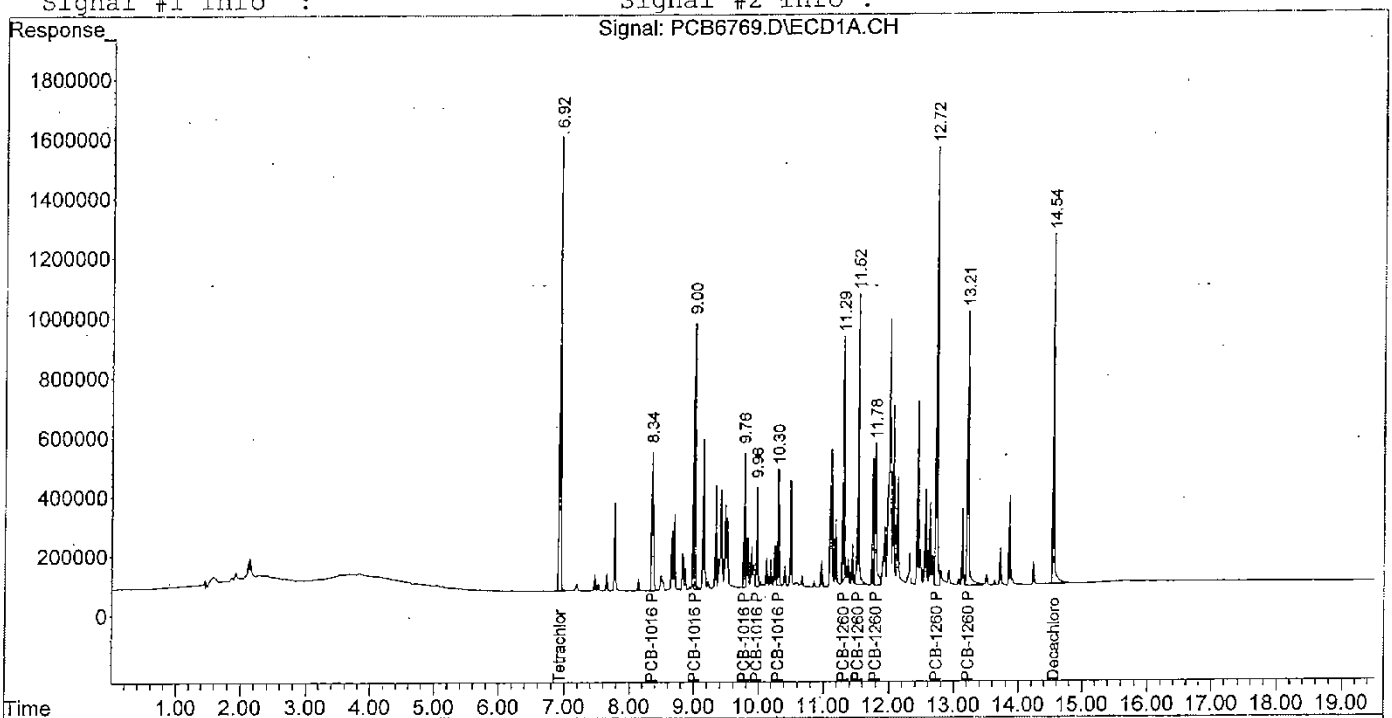
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.339	9341879	99.7	9.323	6654754	95.1
PCB-1016 Peak 2	9.004	12106567	90.6	10.075	9843858	92.9
PCB-1016 Peak 3	9.758	6015859	92.7	10.161	8115918	75.0
PCB-1016 Peak 4	9.961	4958204	88.8	10.745	5908558	72.6
PCB-1016 Peak 5	10.298	5610259	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**

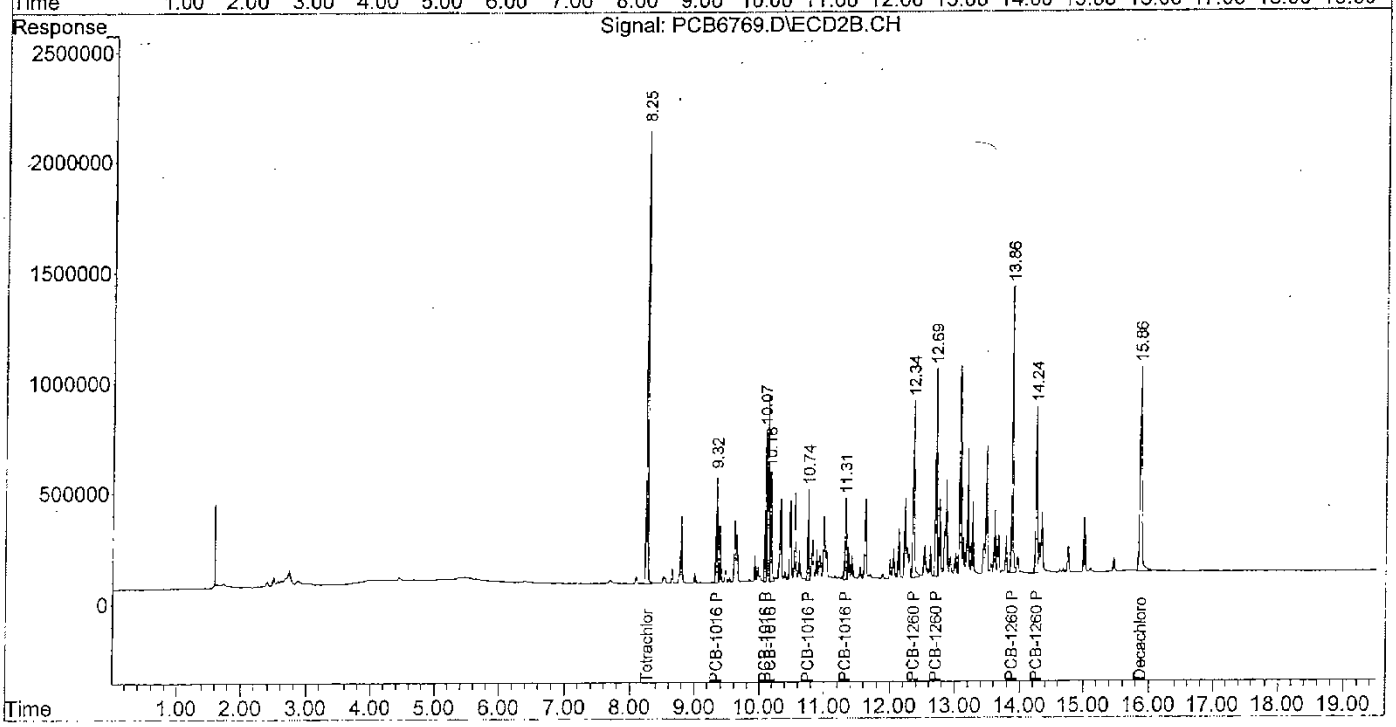
Quantitation Report (Not Reviewed)

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.

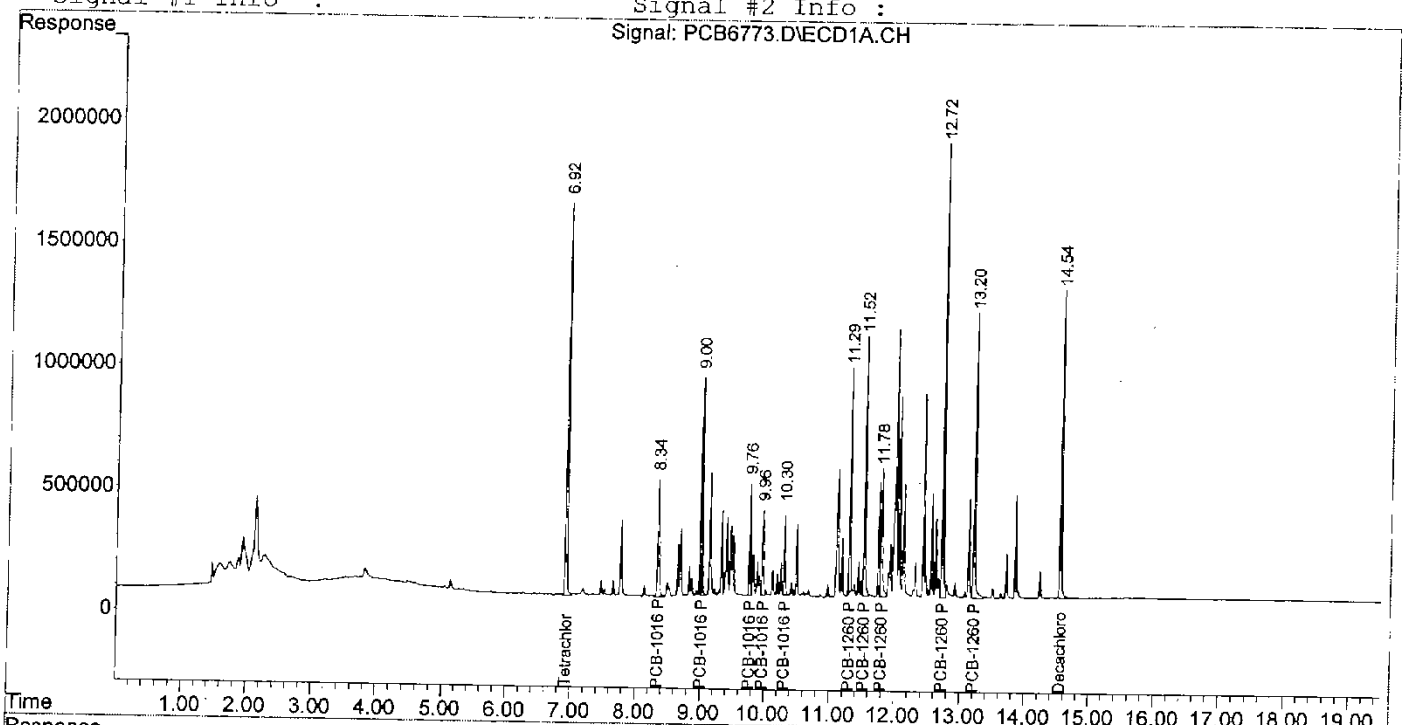
Data File Name PCB6773.D
Operator SNB/SLC
Date Acquired 3/19/2007
Instrument Name sea034

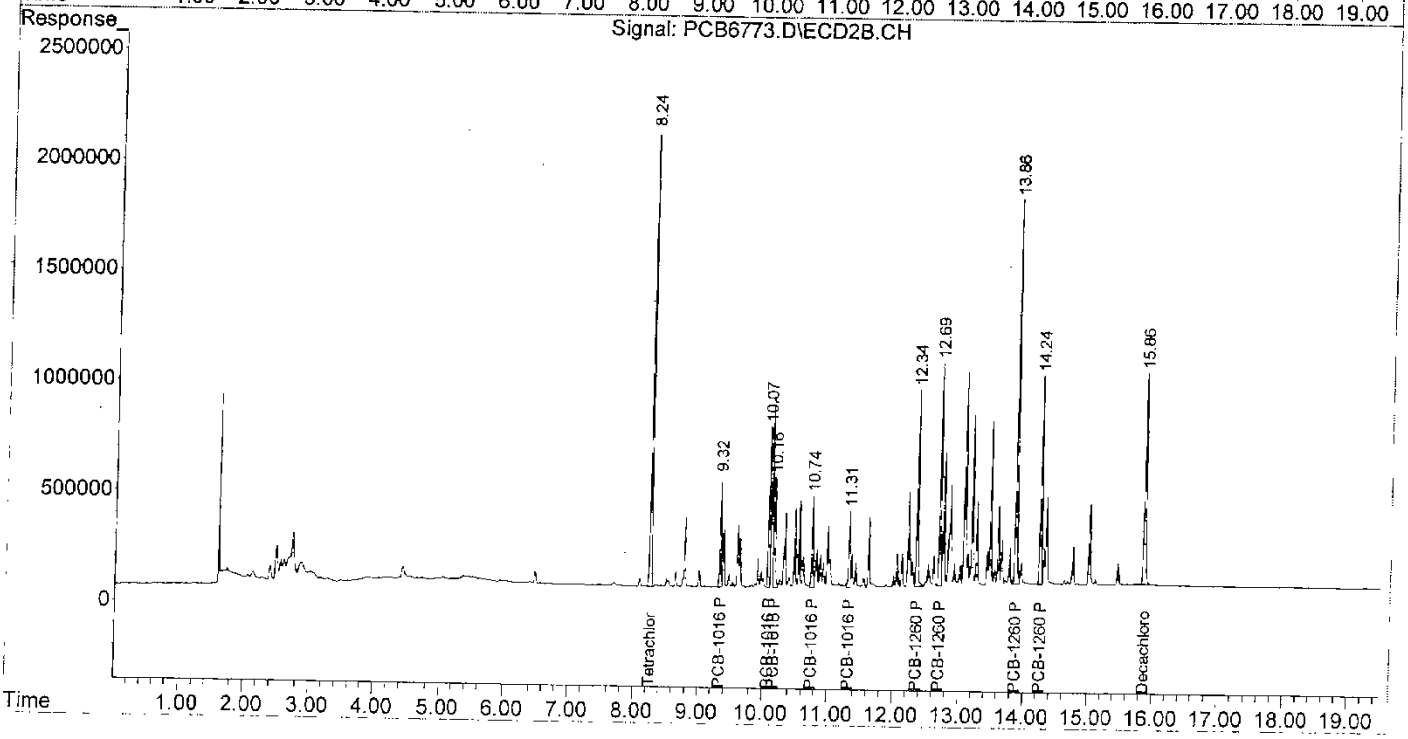
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result
PCB-1016 Peak 1	8.339	9809109	107.6	9.322	6798847	102.5
PCB-1016 Peak 2	9.004	12240216	98.2	10.073	10225773	101.4
PCB-1016 Peak 3	9.757	5965128	96.6	10.160	8116558	100.1
PCB-1016 Peak 4	9.961	5074312	96.7	10.744	6084330	100.0
PCB-1016 Peak 5	10.298	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 :





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 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

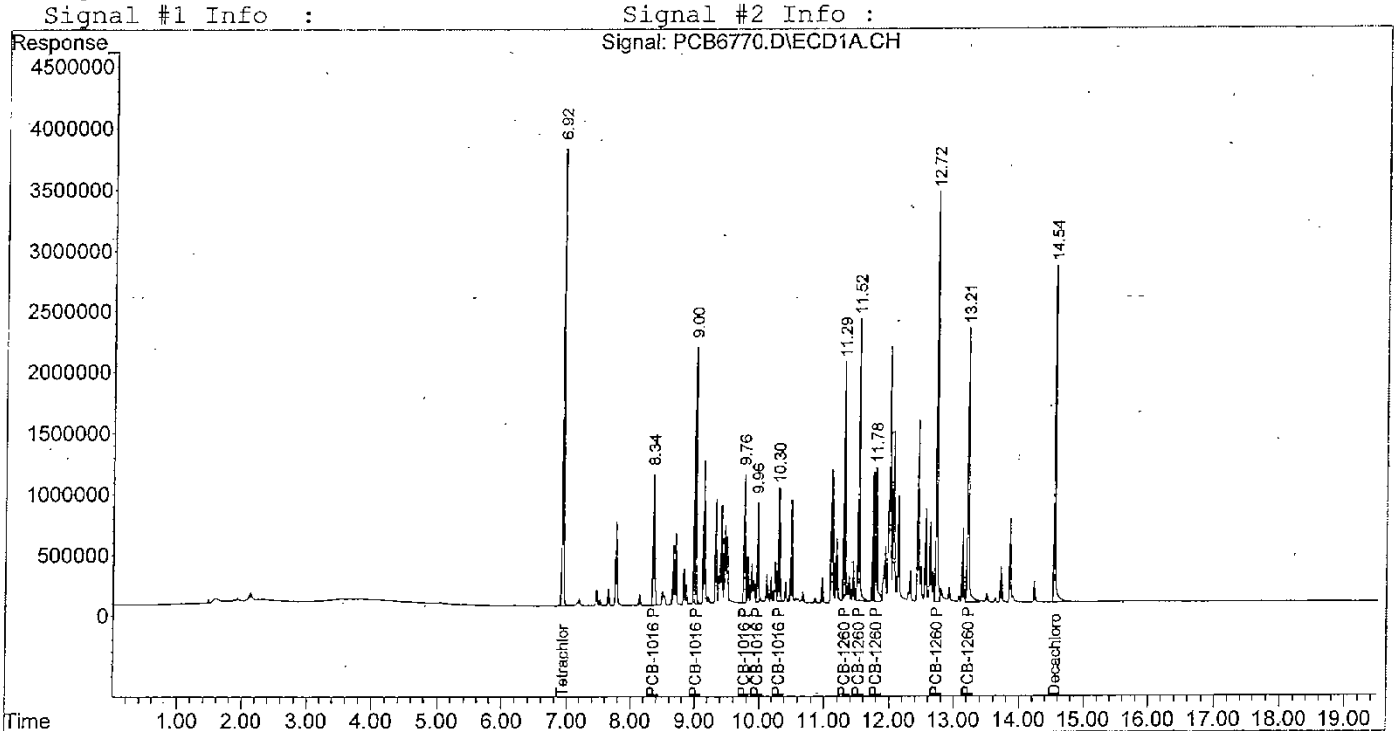
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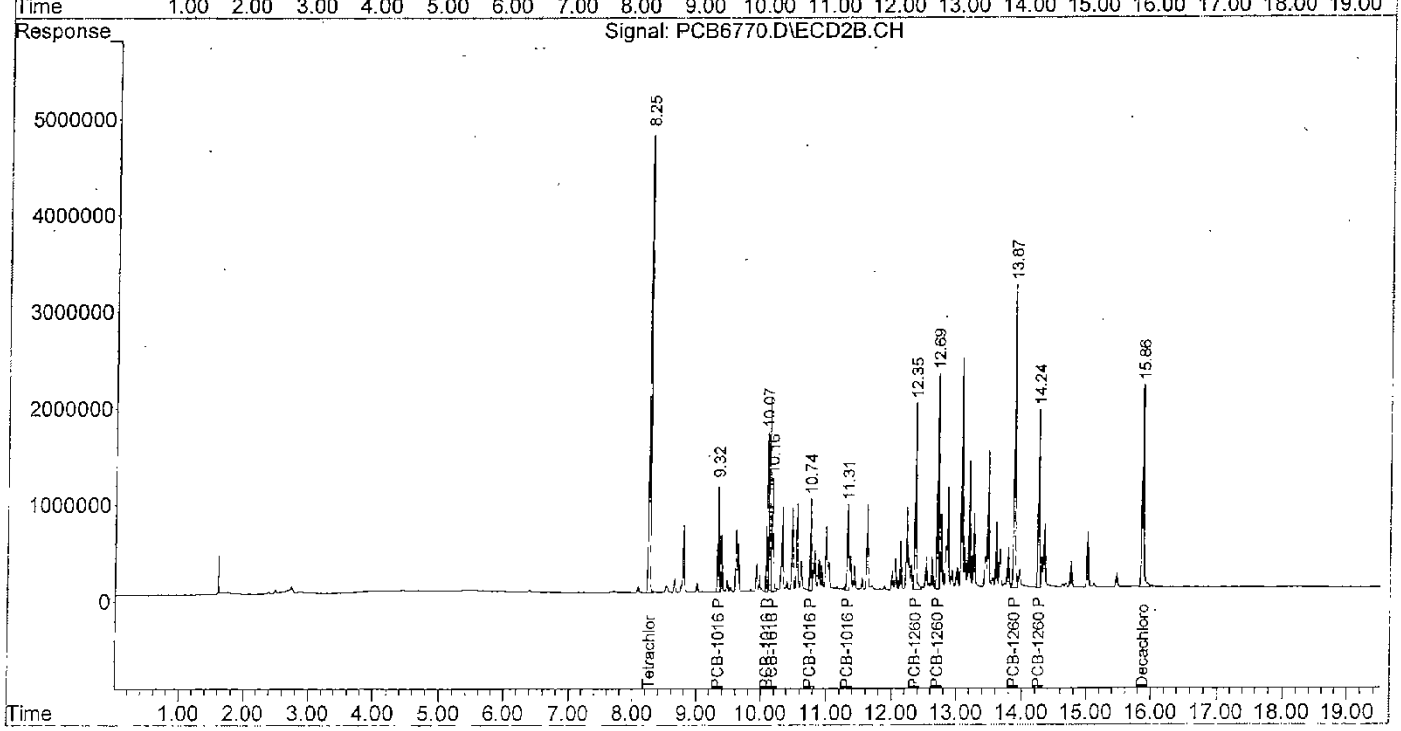
Quantitation Report (Not Reviewed)

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 :





Quantitation Report (Not Reviewed)

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

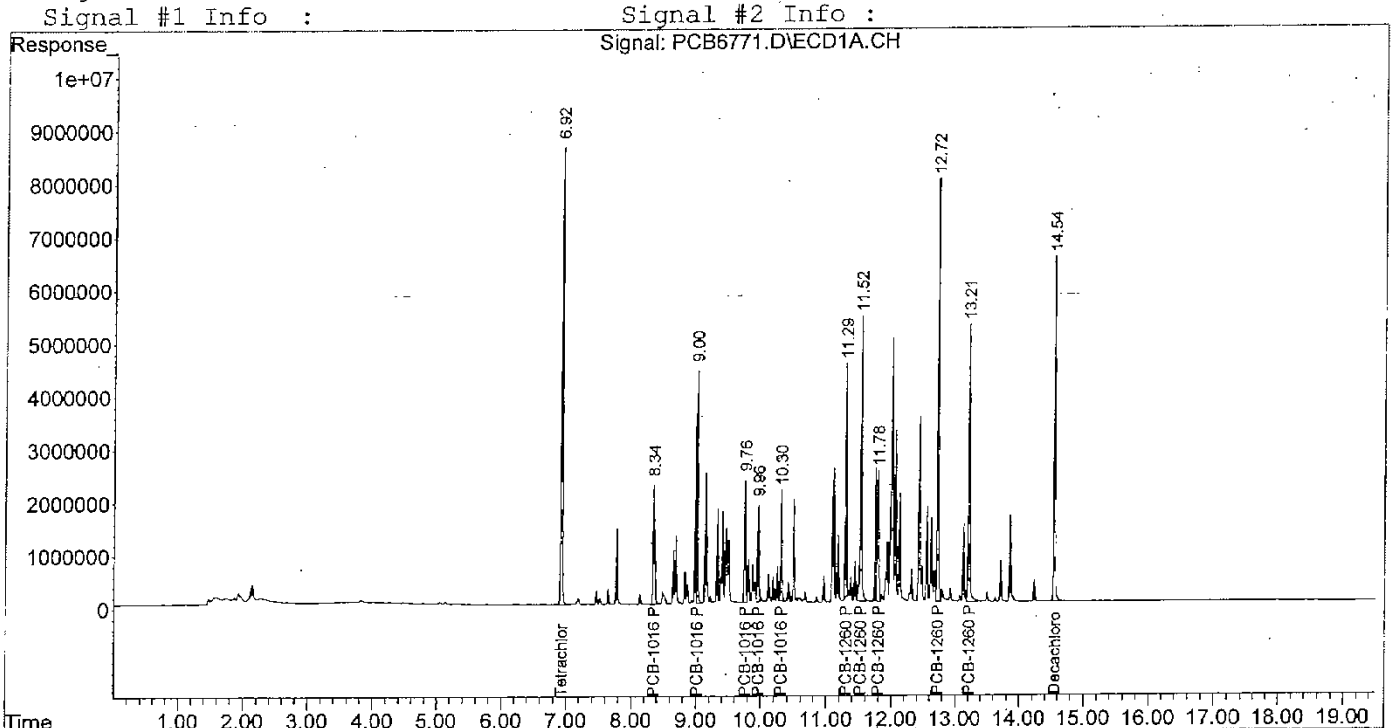
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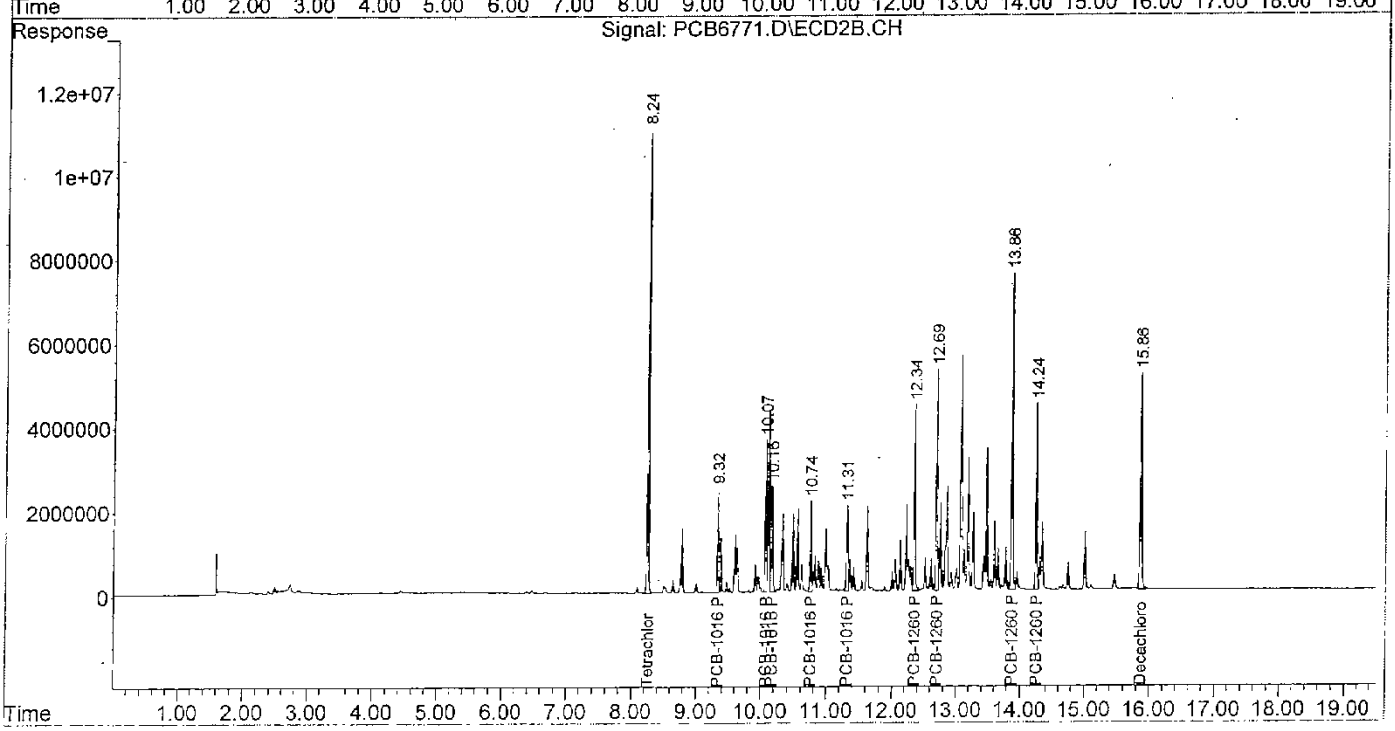
Quantitation Report (Not Reviewed)

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 :





Quantitation Report (Not Reviewed)

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

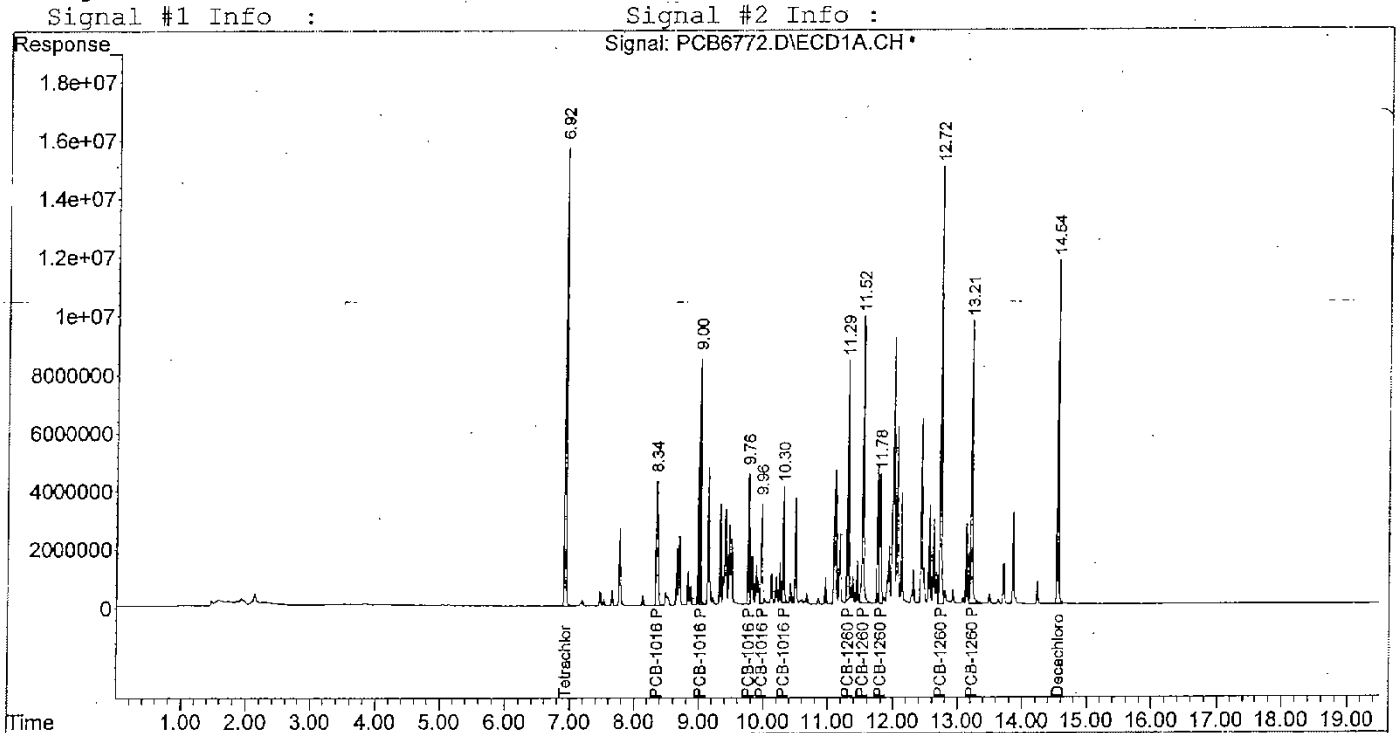
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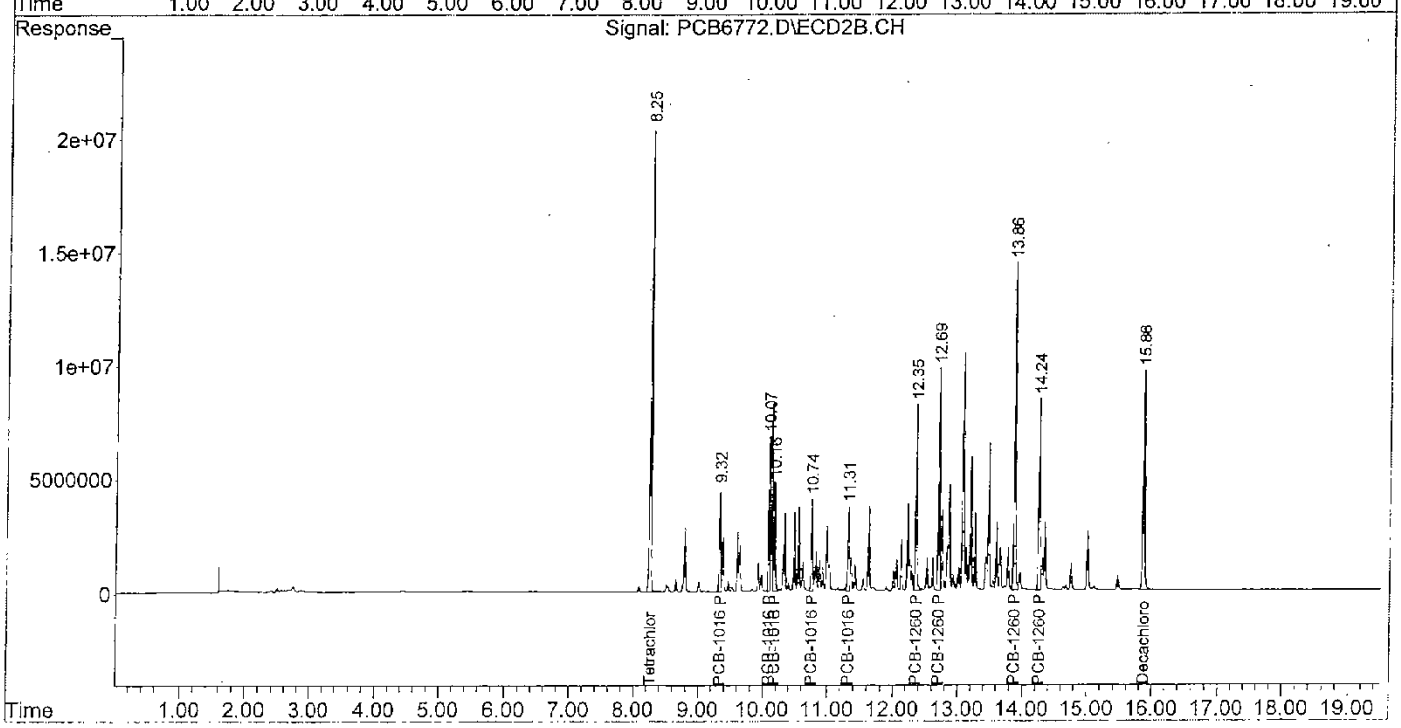
Quantitation Report (Not Reviewed)

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 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

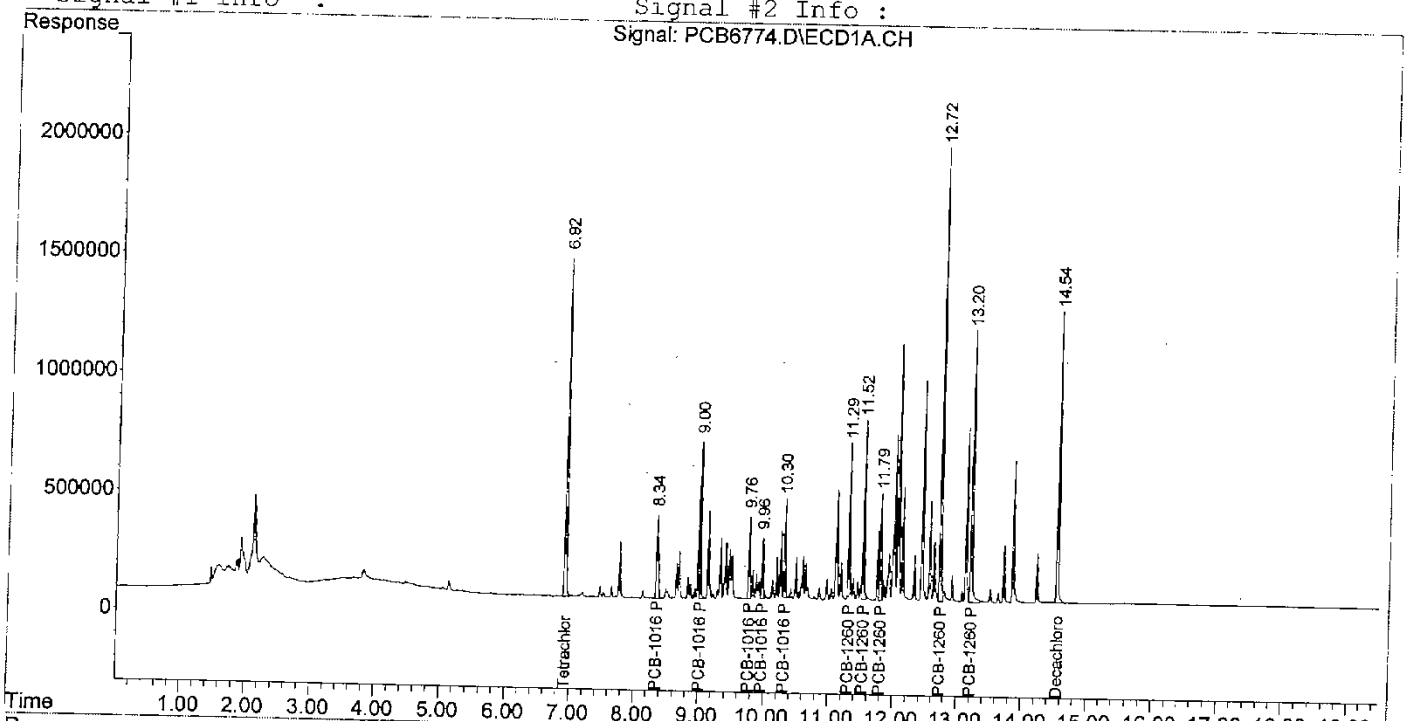
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 20% (m)=manual int.

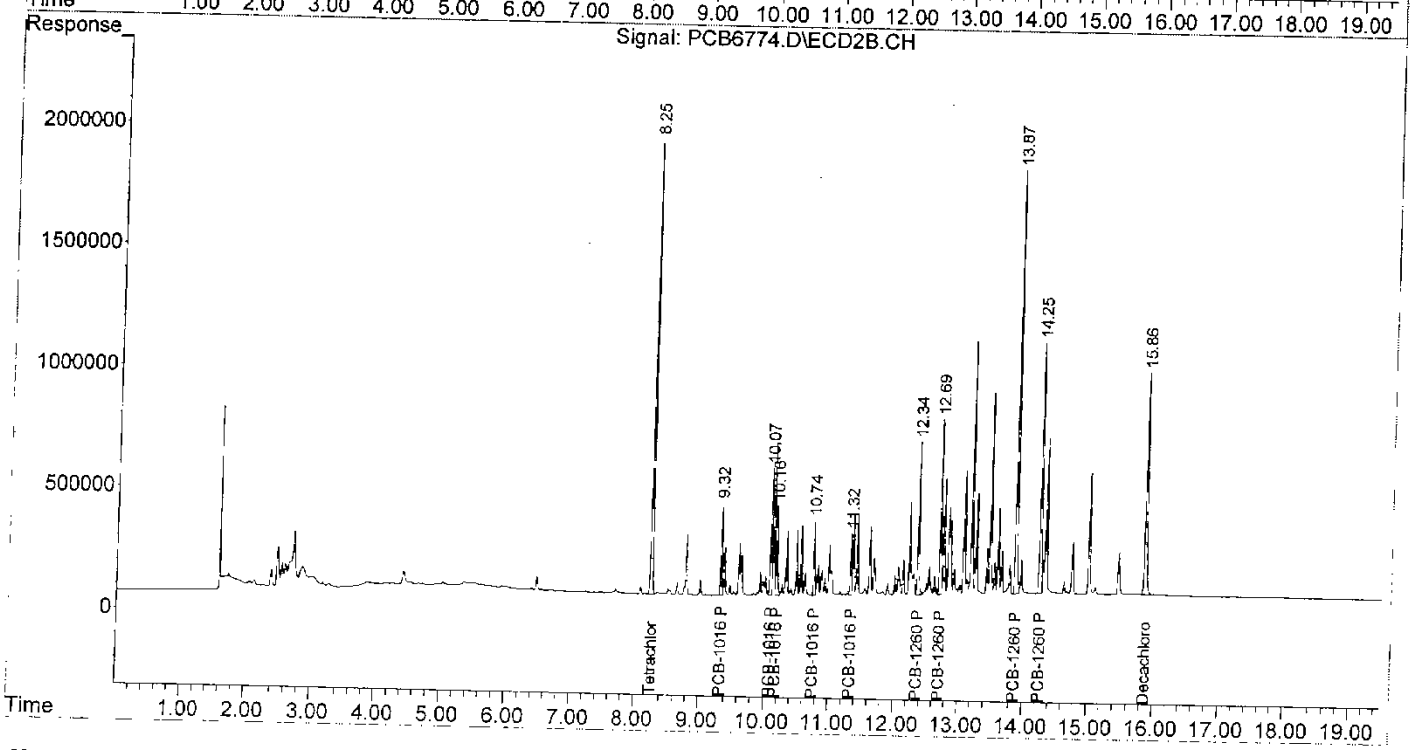
Quantitation Report (Not Reviewed)

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 9:40 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\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.

Quantification Report (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

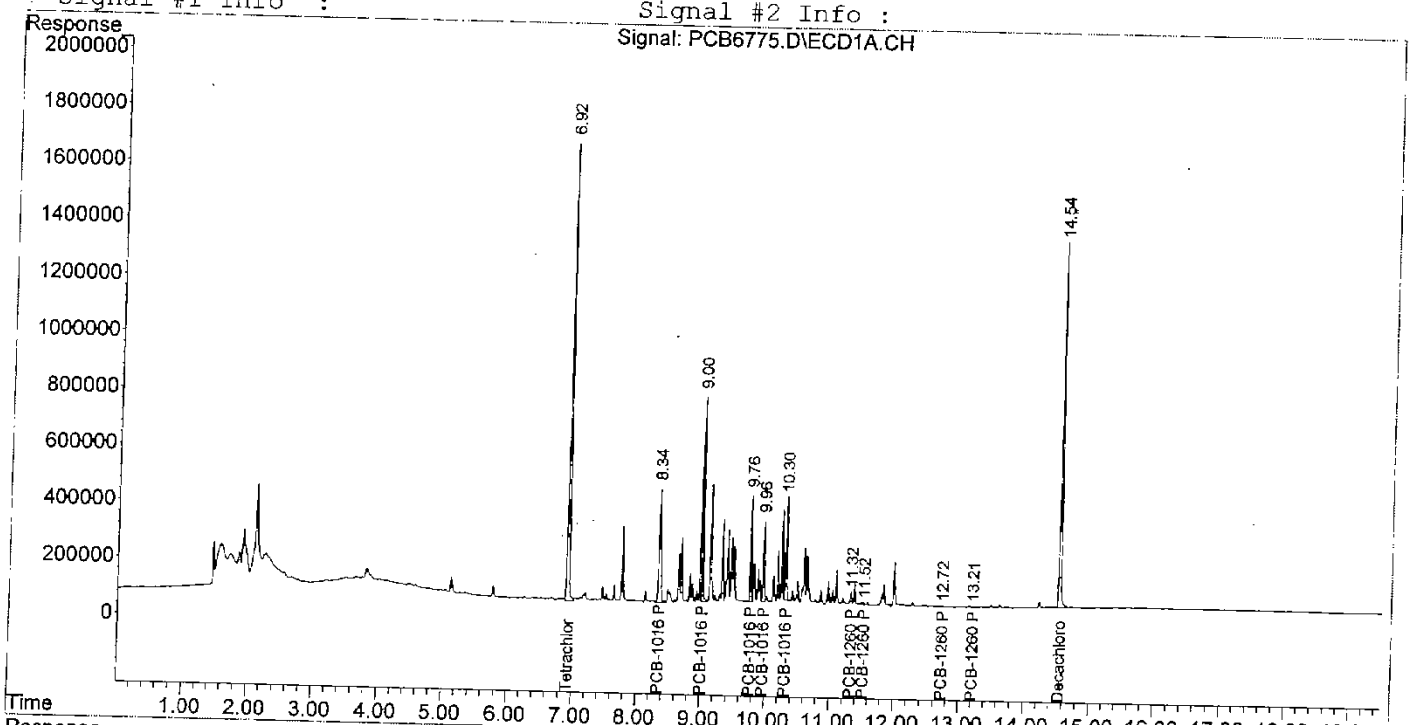
Vial: 10

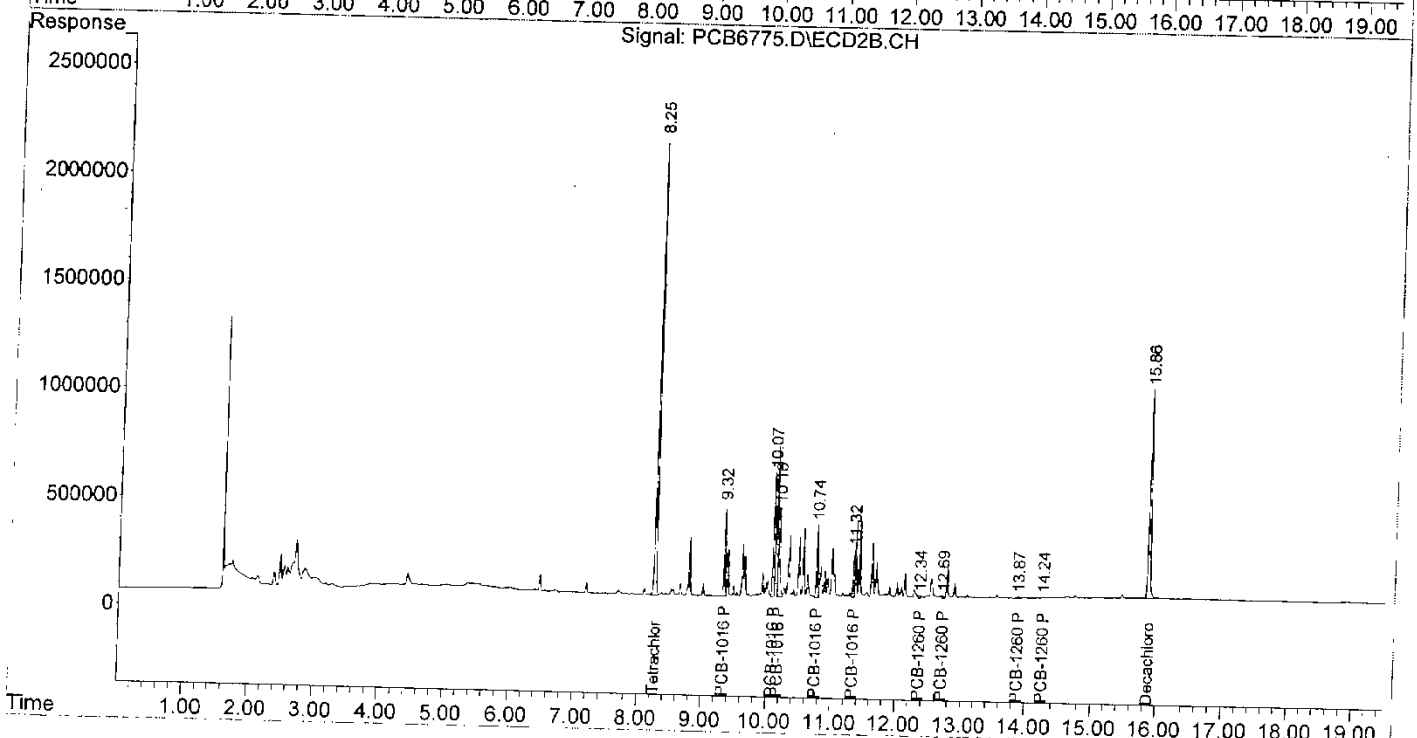
Operator: SNB/SLC
Inst : sea034
Multiplr: 1.00

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 :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070319_B\PCB6776.D\ECD1A.CH Vial: 11
Signal #2 : Z:\DATA\070319_B\PCB6776.D\ECD2B.CH
Acq On : 3-19-2007 06:25:18 PM Operator: SNB/SLC
Sample : 100ppm 1221/1254 ICAL STD 561-188-1 Inst : sea034
Misc : BT=SEA03416721 Multiplr: 1.00
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

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	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 diff by >25% (m)=manual int.

(Not Reviewed)

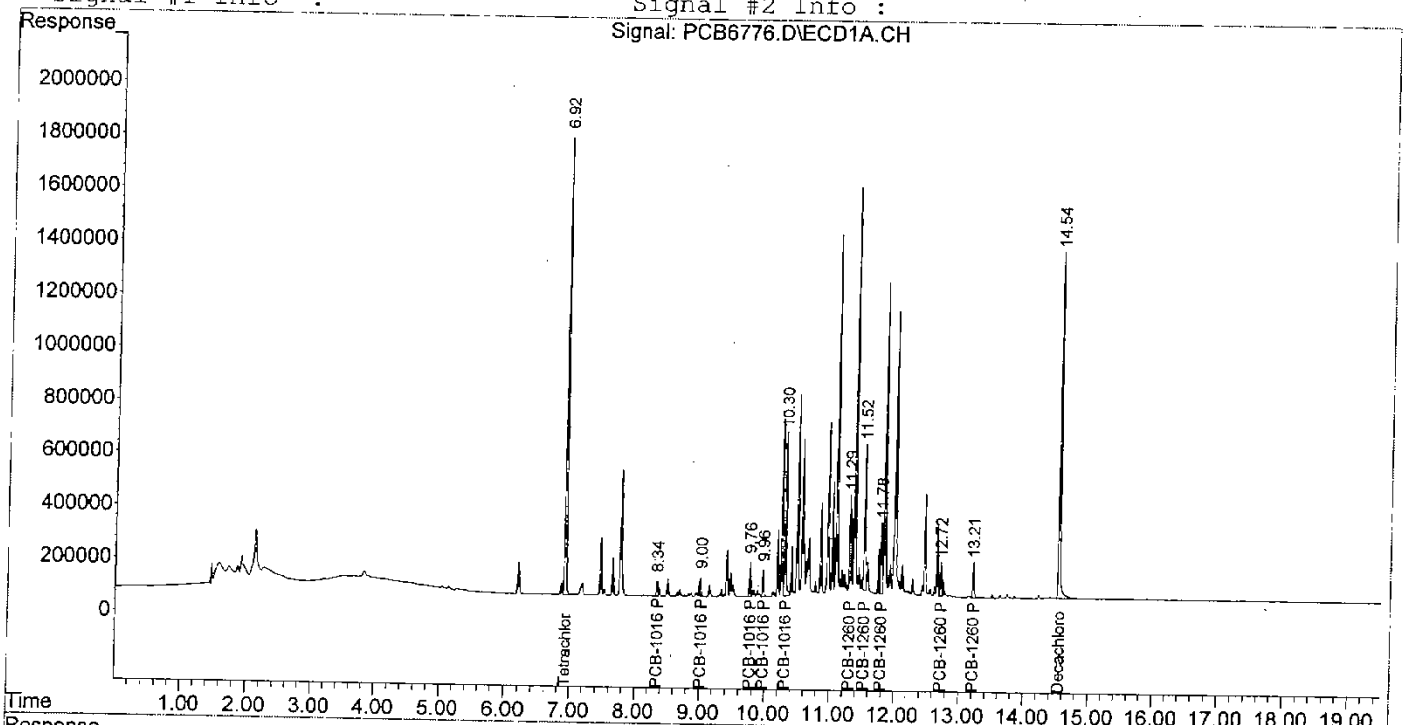
Signal #1 : Z:\DATA\070319_B\PCB6776.D\ECD1A.CH
Signal #2 : Z:\DATA\070319_B\PCB6776.D\ECD2B.CH
Acq On : 3-19-2007 06:25:18 PM
Sample : 100ppm 1221/1254 ICAL STD 561-188-1
Misc : BT=SEA03416721

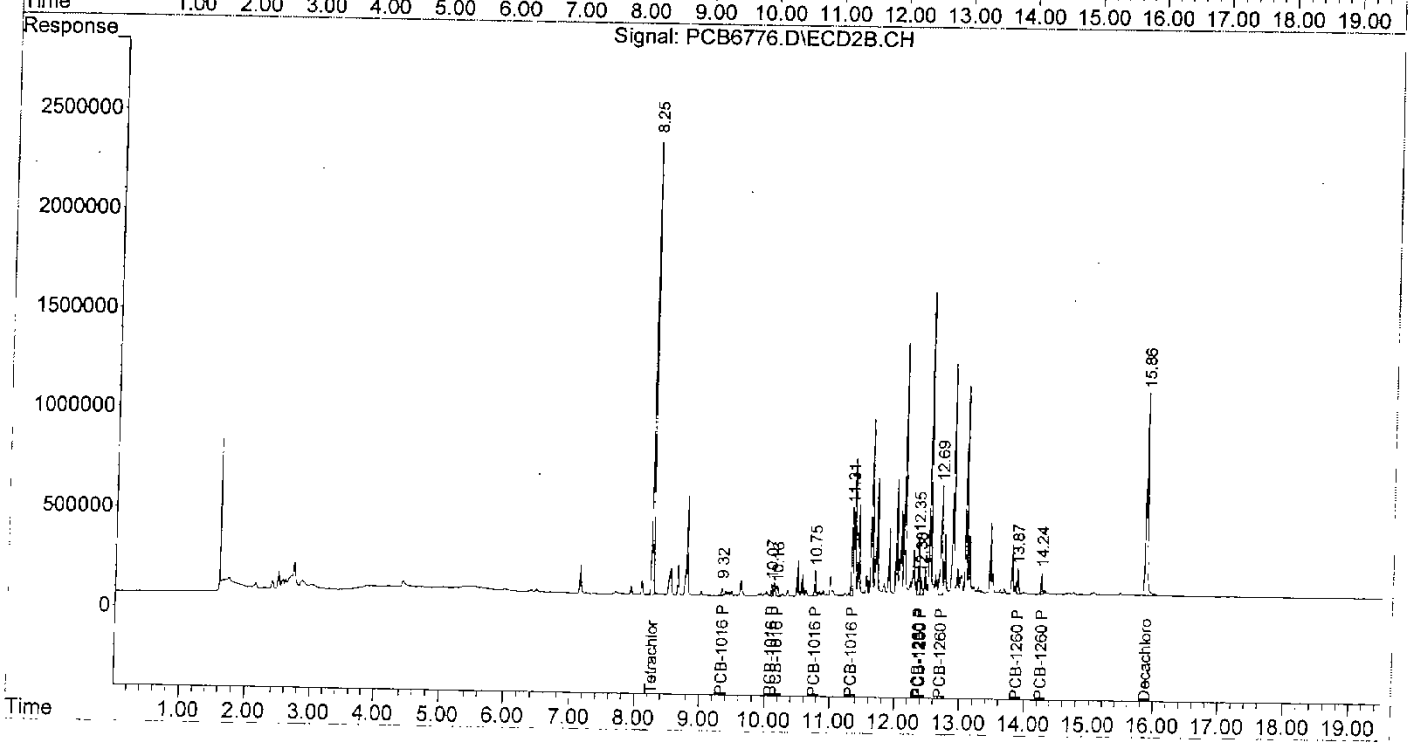
Vial: 11
Operator: SNB/SLC
Inst : sea034
Multiplr: 1.00

IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Mar 20 9:40 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 #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	

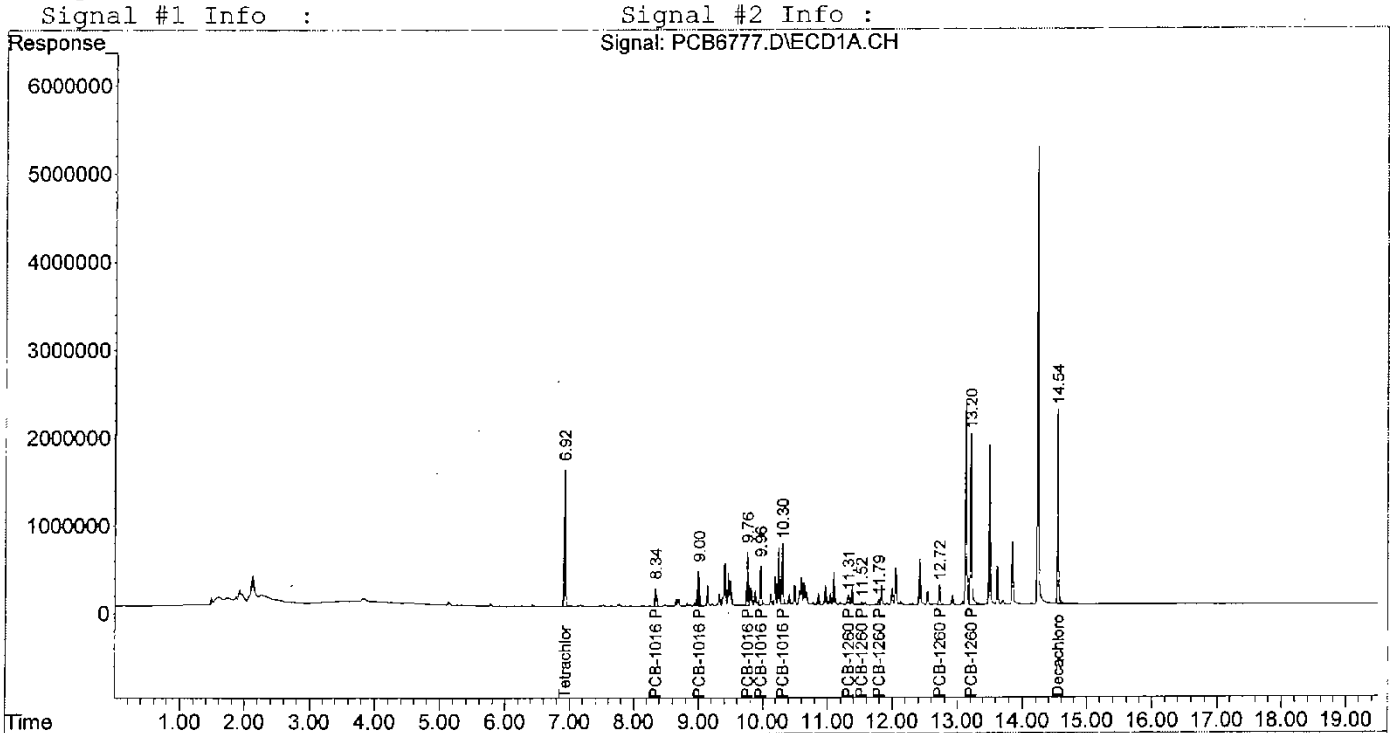
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

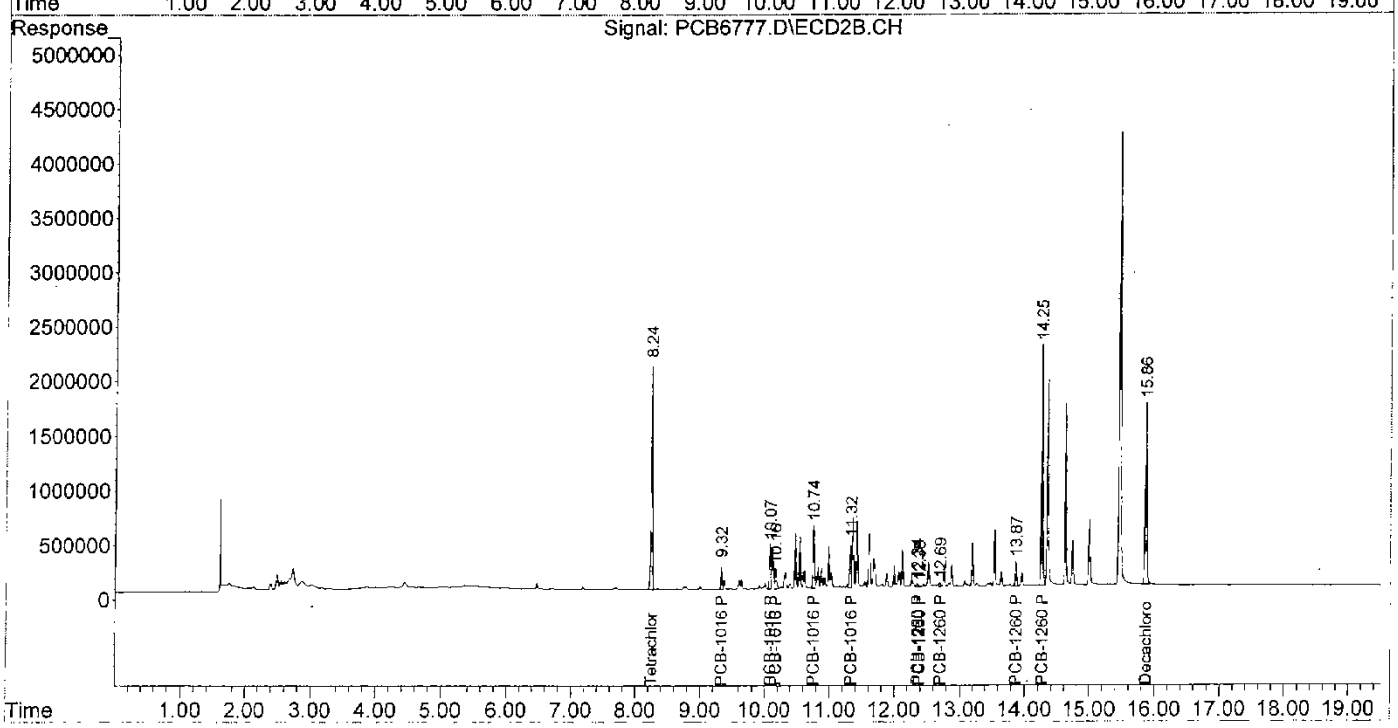
Quantitation Report (Not Reviewed)

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\070405_A

#	Filename	Sample Name	Date/Time
1	pcb7031.d	100ppm 1016/1260 CCV STD 561-196-2	04/05/07 08:12
2	pcb7032.d	MB 580-17265/1-AA	04/05/07 08:36
3	pcb7033.d	LCS 580-17265/2-AA	04/05/07 08:59
4	pcb7034.d	LCSD 580-17265/3-AA	04/05/07 09:23
5	pcb7038.d	580-5407-A-5-D	04/05/07 10:58
6	pcb7039.d	580-5407-A-6-D	04/05/07 11:21
7	pcb7042.d	100ppm 1016/1260 CCV STD 561-196-2	04/05/07 12:32
8	pcb7043.d	250ppm 1016/1260 CCV STD 561-196-3	04/05/07 12:56
9	pcb7044.d	580-5407-A-6-E MS	04/05/07 13:19
10	pcb7045.d	580-5407-A-6-F MSD	04/05/07 13:43
11	pcb7046.d	100ppm 1016/1260 CCV STD 561-196-2	04/05/07 14:07
12	pcb7047.d	250ppm 1016/1260 CCV STD 561-196-3	04/05/07 14:30

Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7031.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070405_A\PCB7031.D\ECD2B.CH
Acq On : 4-5-2007 08:12:38 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 05 14:04:12 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	26459713	30009814	10.285	9.779
	Spiked Amount 20.000			Recovery	=	51.42%	48.89%
14)	S Decachlorobiphen	14.54	15.85	16885400	20765436	8.962	10.422
	Spiked Amount 20.000			Recovery	=	44.81%	52.11%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	9142097	6753697	99.719	101.829
3)	L3 PCB-1016 Peak 2	9.00	10.07	11713449	9892310	93.938	98.076
4)	L3 PCB-1016 Peak 3	9.76	10.16	5627781	8140000	91.161	100.399
5)	L3 PCB-1016 Peak 4	9.96	10.74	4717460	5709420	89.917	93.491
6)	L3 PCB-1016 Peak 5	10.30	11.31	5322046	6164334	87.648	90.453
7)	L3 PCB-1016 - Total	0.00	0.00	36522833	36659762	93.411m	92.975m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	9982564	12055229	87.514	92.623
9)	L4 PCB-1260 Peak 2	11.52	12.34	13632860	12055229	90.194	95.493
10)	L4 PCB-1260 Peak 3	11.78	12.69	6848229	14133935	77.363	101.262 #
11)	L4 PCB-1260 Peak 4	12.72	13.86f	19388808	21725208	88.670	100.061
12)	L4 PCB-1260 Peak 5	13.21	14.24	14847679	12608020	87.873	99.375
13)	L4 PCB-1260 - Total	0.00	0.00	64700140	72577621	86.769m	96.580m

(f)=RT Delta > 1/2 Window (#)=Amounts d (m)=manual int.

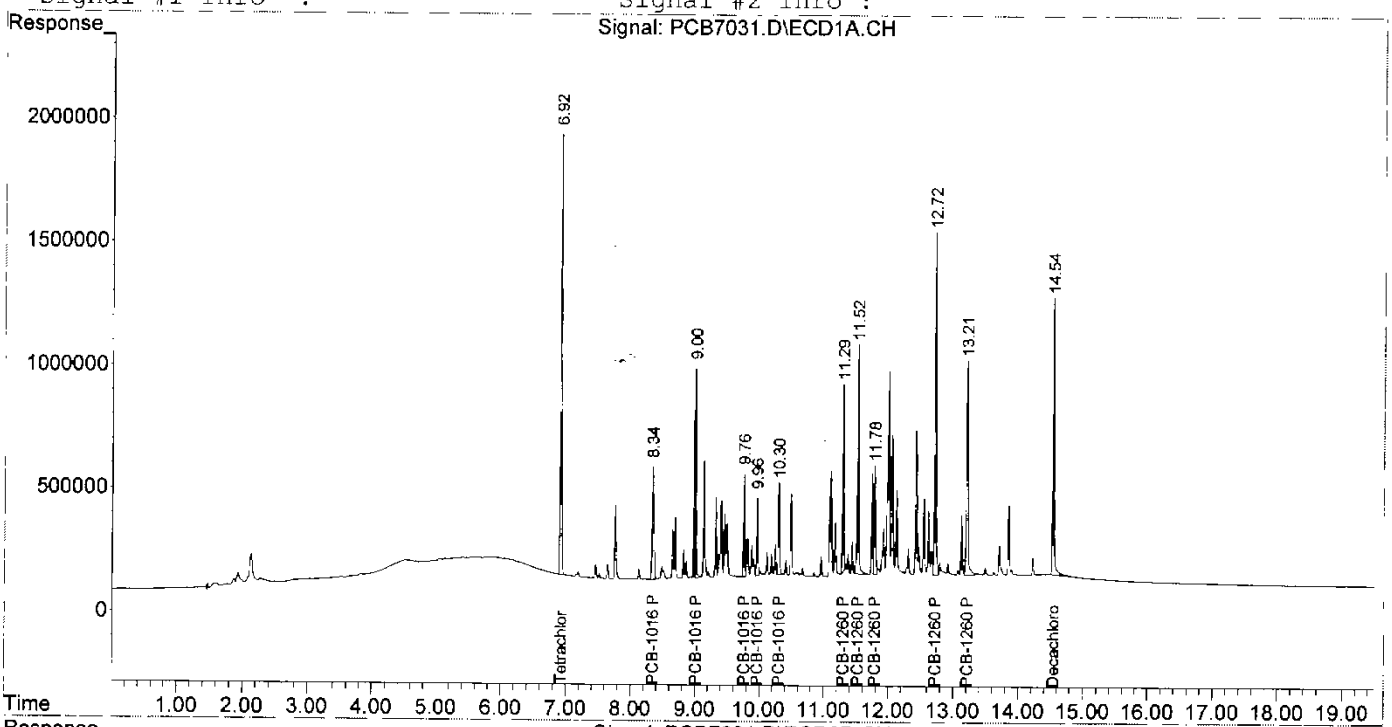
Data File Name PCB7031.D
Operator SLC
Date Acquired 4/5/2007
Instrument Name sea034

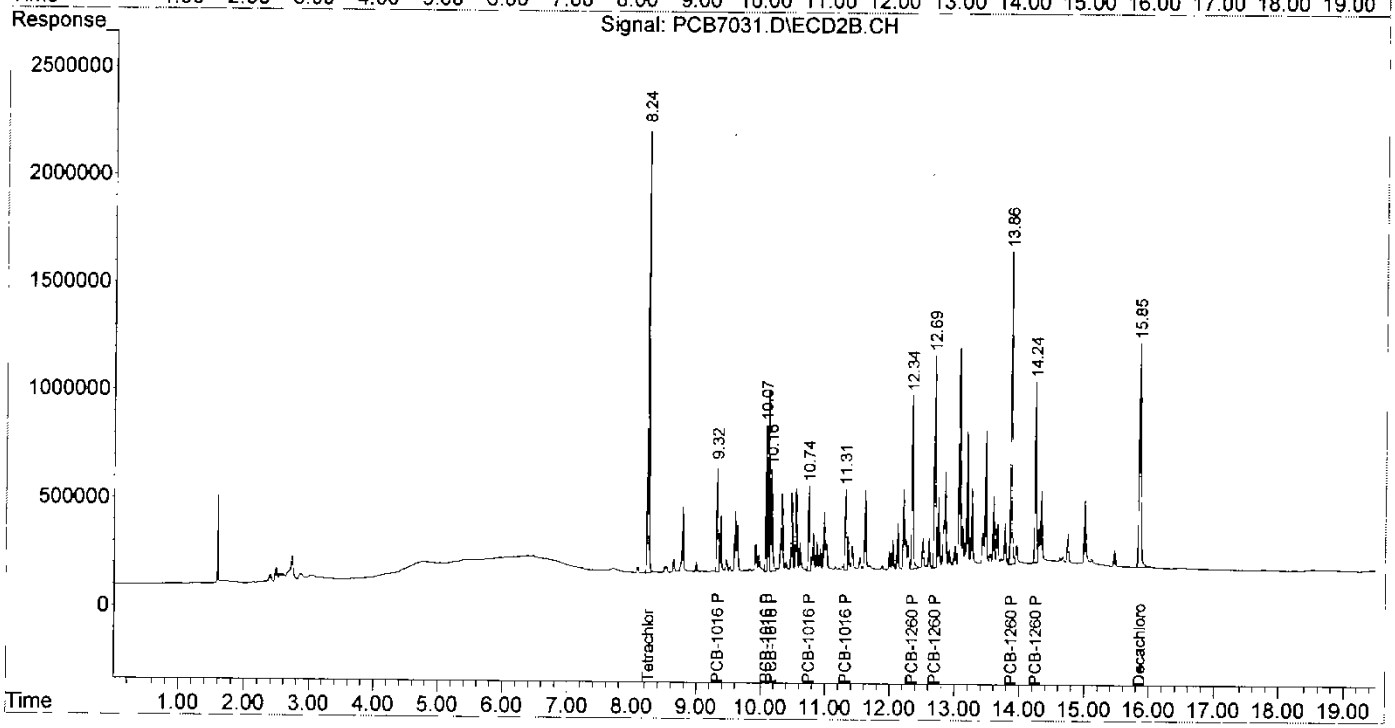
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.340	9142097	99.7	9.321	6753697	101.8	
PCB-1016 Peak 2	9.004	11713449	93.9	10.072	9892310	98.1	
PCB-1016 Peak 3	9.758	5627781	91.2	10.157	8140000	100.4	
PCB-1016 Peak 4	9.961	4717460	89.9	10.741	5709420	93.5	
PCB-1016 Peak 5	10.298	5322046	87.6	11.306	6164334	90.5	
		Average	92.5		Average	96.8	
		Actual	100.0		Actual	100.0	
		% Recovery	92.5	**Pass**	% Recovery	96.8	**Pass**
PCB-1260 Peak 1	11.290	9982564	87.5	12.342	12055229	92.6	
PCB-1260 Peak 2	11.518	13632860	90.2	12.342	12055229	95.5	
PCB-1260 Peak 3	11.779	6848229	77.4	12.688	14133935	101.3	
PCB-1260 Peak 4	12.718	19388808	88.7	13.861	21725208	100.1	
PCB-1260 Peak 5	13.205	14847679	87.9	14.239	12608020	99.4	
		Average	86.3		Average	97.8	
		Actual	100.0		Actual	100.0	
		% Recovery	86.3	**Pass**	% Recovery	97.8	**Pass**

Signal #1 : Z:\DATA\070405_A\PCB7031.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070405_A\PCB7031.D\ECD2B.CH
Acq On : 4-5-2007 08:12:38 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 5 14:04 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 : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7042.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070405_A\PCB7042.D\ECD2B.CH
Acq On : 05 Apr 2007 12:32 pm Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 14:08:46 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	8.24f	25714936	28327346	9.996	9.230
	Spiked Amount 20.000			Recovery	=	49.98%	46.15%
14)	S Decachlorobiphen	14.54	15.85	17892056	23790963	9.497	11.940 #
	Spiked Amount 20.000			Recovery	=	47.48%	59.70%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	8876082	6298837	96.578	94.971
3)	L3 PCB-1016 Peak 2	9.00	10.07	11542824	9346194	92.570	92.662
4)	L3 PCB-1016 Peak 3	9.76	10.16	5447480	7576523	88.241	92.923
5)	L3 PCB-1016 Peak 4	9.96	10.74	4549029	5271251	86.707	85.897
6)	L3 PCB-1016 Peak 5	10.30	11.31	5177608	5570409	85.269	81.738
7)	L3 PCB-1016 - Total	0.00	0.00	35593023	34063214	91.033m	86.390m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	9370682	11116210	82.150	85.408
9)	L4 PCB-1260 Peak 2	11.52	12.34	13007482	11116210	86.057	87.855
10)	L4 PCB-1260 Peak 3	11.78	12.69	6461093	13172008	72.190	94.370 #
11)	L4 PCB-1260 Peak 4	12.72	13.86f	18388484	20325282	84.096	93.613
12)	L4 PCB-1260 Peak 5	13.20	14.24	14198807	11998116	84.033	94.568
13)	L4 PCB-1260 - Total	0.00	0.00	61426549	67727827	82.379m	90.126m

(f)=RT Delta > 1/2 Window (#)=Amounts d[illegible] (m)=manual int.

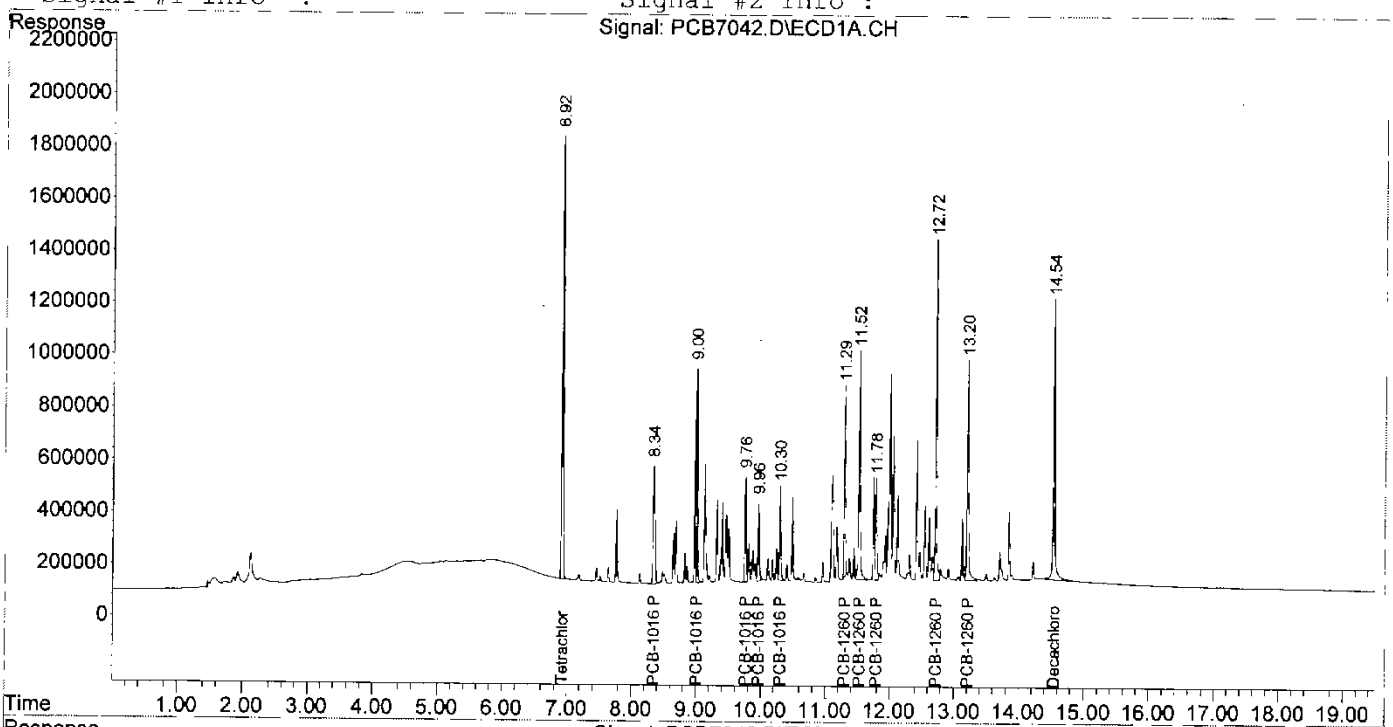
Data File Name PCB7042.D
Operator SLC
Date Acquired #VALUE!
Instrument Name sea034

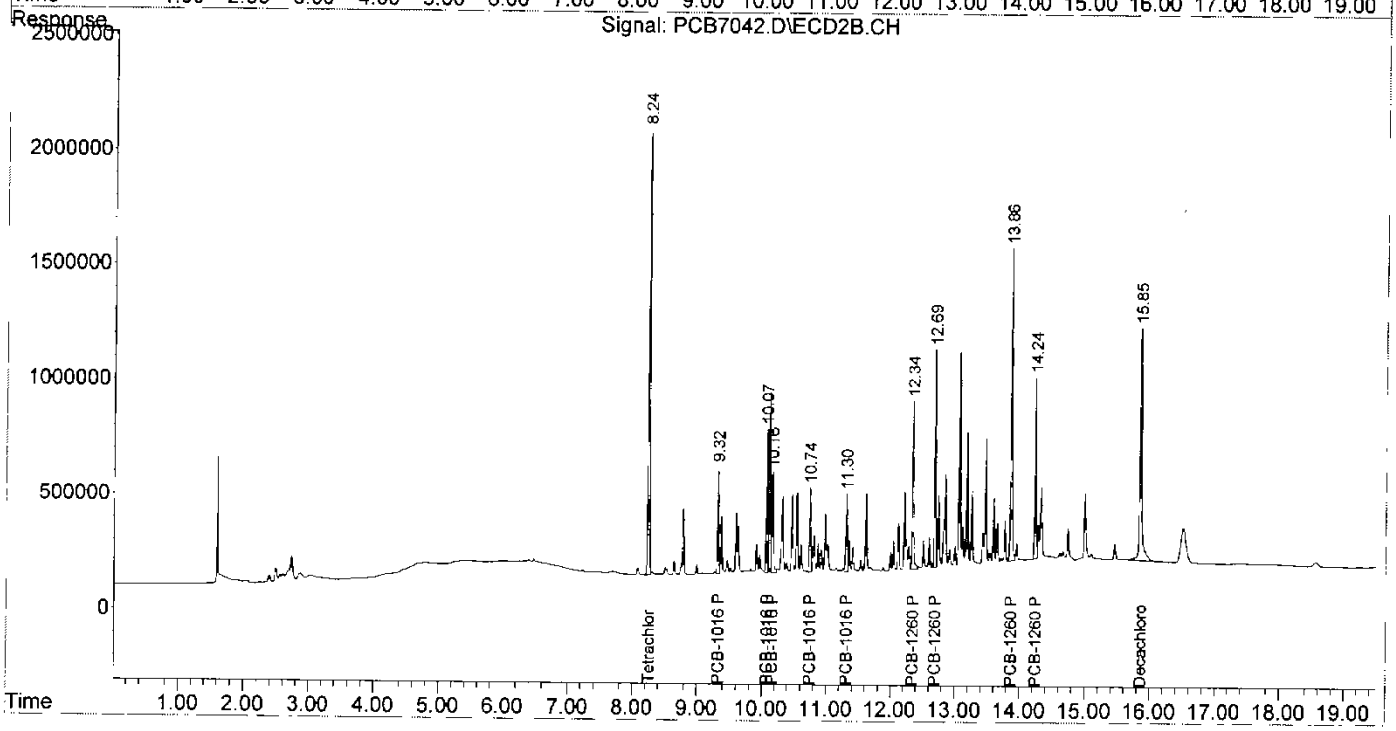
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.340	8876082	96.6	9.320	6298837	95.0	
PCB-1016 Peak 2	9.004	11542824	92.6	10.071	9346194	92.7	
PCB-1016 Peak 3	9.758	5447480	88.2	10.158	7576523	92.9	
PCB-1016 Peak 4	9.961	4549029	86.7	10.740	5271251	85.9	
PCB-1016 Peak 5	10.298	5177608	85.3	11.305	5570409	81.7	
		Average	89.9		Average	89.6	
		Actual	100.0		Actual	100.0	
		% Recovery	89.9	**Pass**	% Recovery	89.6	**Pass**
PCB-1260 Peak 1	11.290	9370682	82.1	12.341	11116210	85.4	
PCB-1260 Peak 2	11.518	13007482	86.1	12.341	11116210	87.9	
PCB-1260 Peak 3	11.780	6461093	72.2	12.688	13172008	94.4	
PCB-1260 Peak 4	12.717	18388484	84.1	13.860	20325282	93.6	
PCB-1260 Peak 5	13.204	14198807	84.0	14.238	11998116	94.6	
		Average	81.7		Average	91.2	
		Actual	100.0		Actual	100.0	
		% Recovery	81.7	**Pass**	% Recovery	91.2	**Pass**

Signal #1 : Z:\DATA\070405_A\PCB7042.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070405_A\PCB7042.D\ECD2B.CH
Acq On : 05 Apr 2007 12:32 pm Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 14:08 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 :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7043.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070405_A\PCB7043.D\ECD2B.CH
Acq On : 05 Apr 2007 12:56 pm Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 14:09:04 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	8.24f	65169461	72894058	25.333	23.752
	Spiked Amount 20.000			Recovery	=	126.66%	118.76%
14)	S Decachlorobiphen	14.54	15.85	38200558	52219200	20.276	26.208 #
	Spiked Amount 20.000			Recovery	=	101.38%	131.04%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	21966709	15520485	251.169	234.011
3)	L3 PCB-1016 Peak 2	9.00	10.07	28585690	23317607	229.248	231.179
4)	L3 PCB-1016 Peak 3	9.76	10.16	13823758	19776357	223.923	254.788
5)	L3 PCB-1016 Peak 4	9.96	10.74	11594768	13663955	221.002	231.359
6)	L3 PCB-1016 Peak 5	10.30	11.31	13029499	14243728	214.581	209.006
7)	L3 PCB-1016 - Total	0.00	0.00	89000424	86522132	227.627m	219.434m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	24050779	28069612	210.846	215.666
9)	L4 PCB-1260 Peak 2	11.52	12.34	32694613	28069612	216.306	225.751
10)	L4 PCB-1260 Peak 3	11.78	12.69	16477398	33133652	206.019	237.384
11)	L4 PCB-1260 Peak 4	12.72	13.86f	46278478	52370339	211.644	241.204
12)	L4 PCB-1260 Peak 5	13.20	14.24	35973155	30706661	212.900	242.027
13)	L4 PCB-1260 - Total	0.00	0.00	155.5E6	172.3E6	208.506m	229.348m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

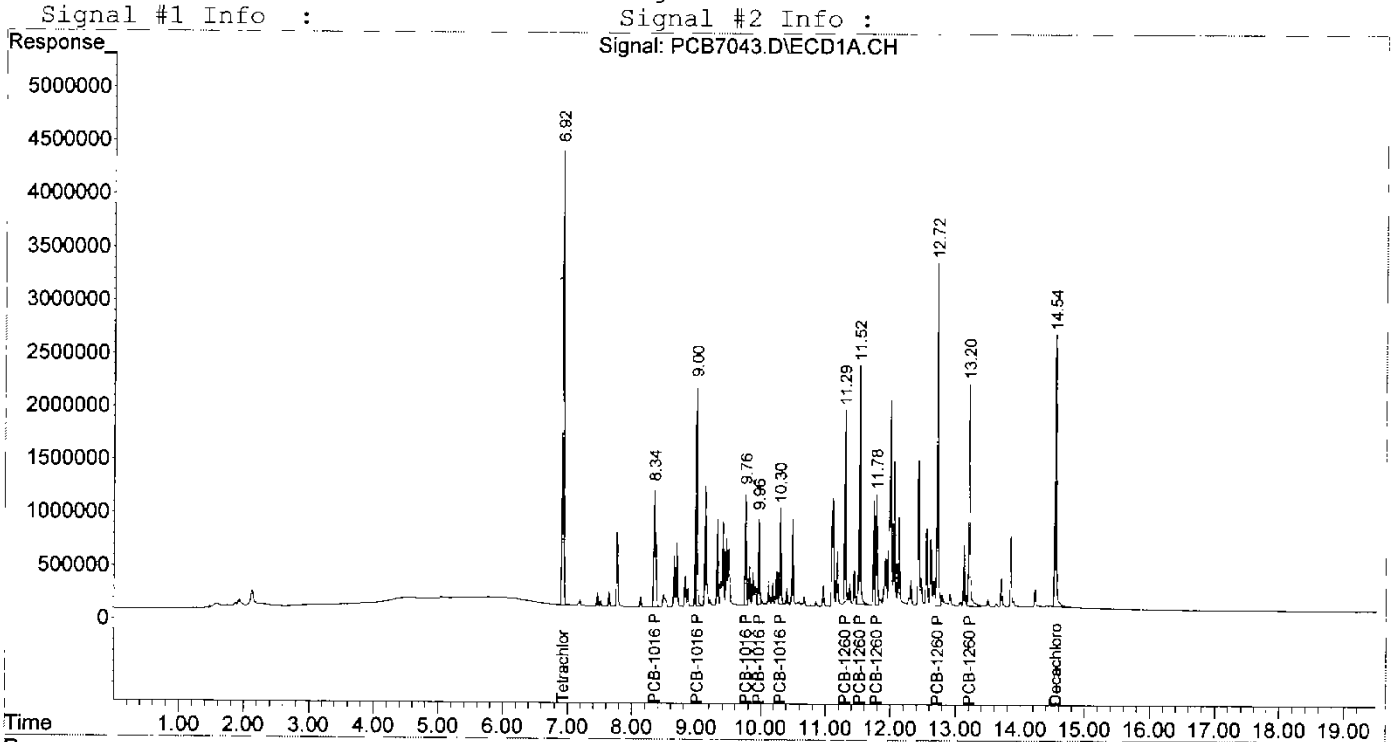
Data File Name PCB7043.D
Operator SLC
Date Acquired #VALUE!
Instrument Name sea034

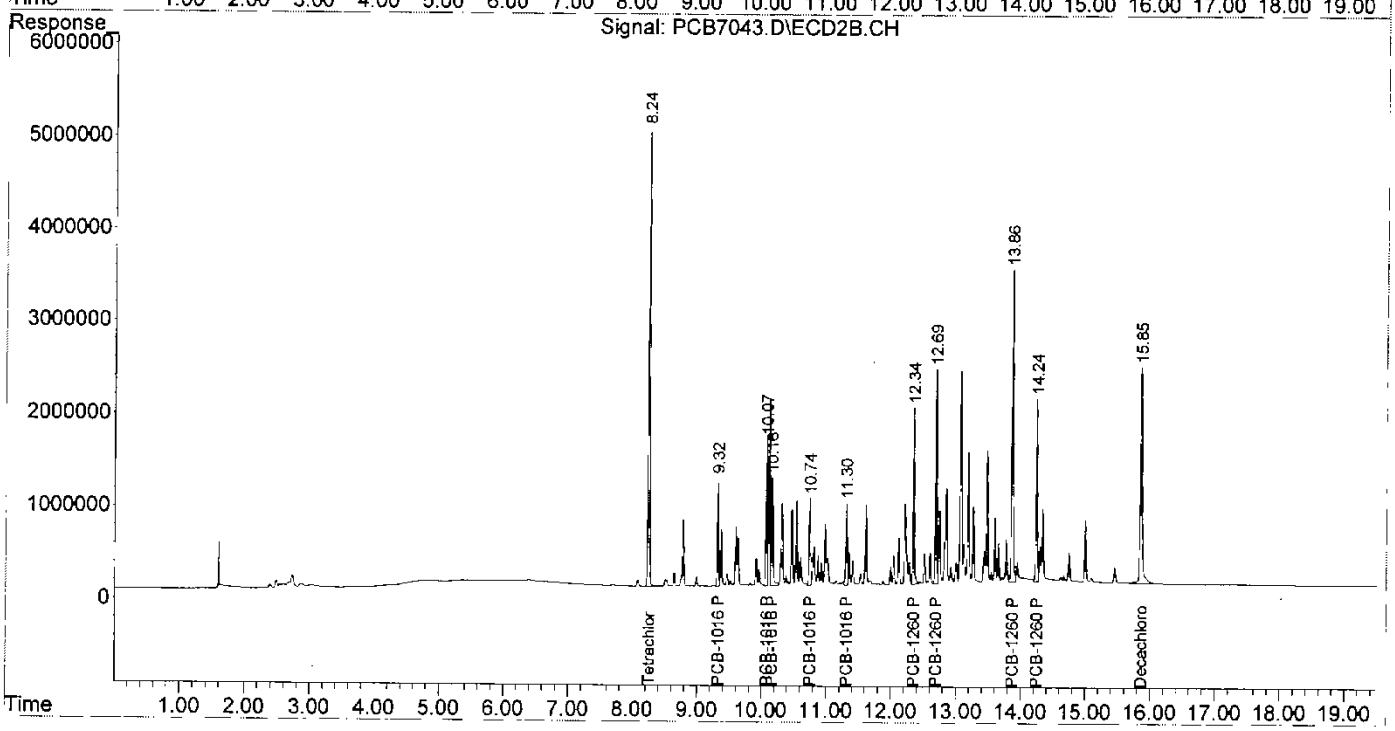
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.340	21966709	251.2	9.320	15520485	234.0	
PCB-1016 Peak 2	9.004	28585690	229.2	10.071	23317607	231.2	
PCB-1016 Peak 3	9.757	13823758	223.9	10.157	19776357	254.8	
PCB-1016 Peak 4	9.962	11594768	221.0	10.741	13663955	231.4	
PCB-1016 Peak 5	10.298	13029499	214.6	11.305	14243728	209.0	
		Average	228.0		Average	232.1	
		Actual	250.0		Actual	250.0	
		% Recovery	91.2	**Pass**	% Recovery	92.8	**Pass**
PCB-1260 Peak 1	11.291	24050779	210.8	12.342	28069612	215.7	
PCB-1260 Peak 2	11.518	32694613	216.3	12.342	28069612	225.8	
PCB-1260 Peak 3	11.780	16477398	206.0	12.689	33133652	237.4	
PCB-1260 Peak 4	12.717	46278478	211.6	13.860	52370339	241.2	
PCB-1260 Peak 5	13.204	35973155	212.9	14.238	30706661	242.0	
		Average	211.5		Average	232.4	
		Actual	250.0		Actual	250.0	
		% Recovery	84.6	**Pass**	% Recovery	93.0	**Pass**

Signal #1 : Z:\DATA\070405_A\PCB7043.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070405_A\PCB7043.D\ECD2B.CH
Acq On : 05 Apr 2007 12:56 pm Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 14:09 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 :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7046.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070405_A\PCB7046.D\ECD2B.CH
Acq On : 4-5-2007 02:07:15 PM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 06 07:57:48 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	25092990	27717898	9.754	9.032
	Spiked Amount 20.000			Recovery	=	48.77%	45.16%
14)	S Decachlorobiphen	14.54	15.85	18560879	26918124	9.852	13.510 #
	Spiked Amount 20.000			Recovery	=	49.26%	67.55%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	8678498	6175326	94.245	93.109
3)	L3 PCB-1016 Peak 2	9.01	10.07	11243248	9097386	90.167	90.195
4)	L3 PCB-1016 Peak 3	9.76	10.16	5352144	7347700	86.696	89.887
5)	L3 PCB-1016 Peak 4	9.96	10.74	4469073	5299587	85.183	86.388
6)	L3 PCB-1016 Peak 5	10.30	11.31	5101718	5519710	84.019	80.994
7)	L3 PCB-1016 - Total	0.00	0.00	34844683	33439709	89.119m	84.808m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	9228877	11146222	80.907	85.639
9)	L4 PCB-1260 Peak 2	11.52	12.34	12895413	11146222	85.315	88.099
10)	L4 PCB-1260 Peak 3	11.78	12.69	6330636	13149536	70.447	94.209 #
11)	L4 PCB-1260 Peak 4	12.72	13.86f	18145240	20495859	82.983	94.399
12)	L4 PCB-1260 Peak 5	13.20	14.24	13911191	12143966	82.331	95.718
13)	L4 PCB-1260 - Total	0.00	0.00	60511357	68081806	81.151m	90.597m

Data File Name PCB7046.D
Operator SLC
Date Acquired 4/5/2007
Instrument Name sea034

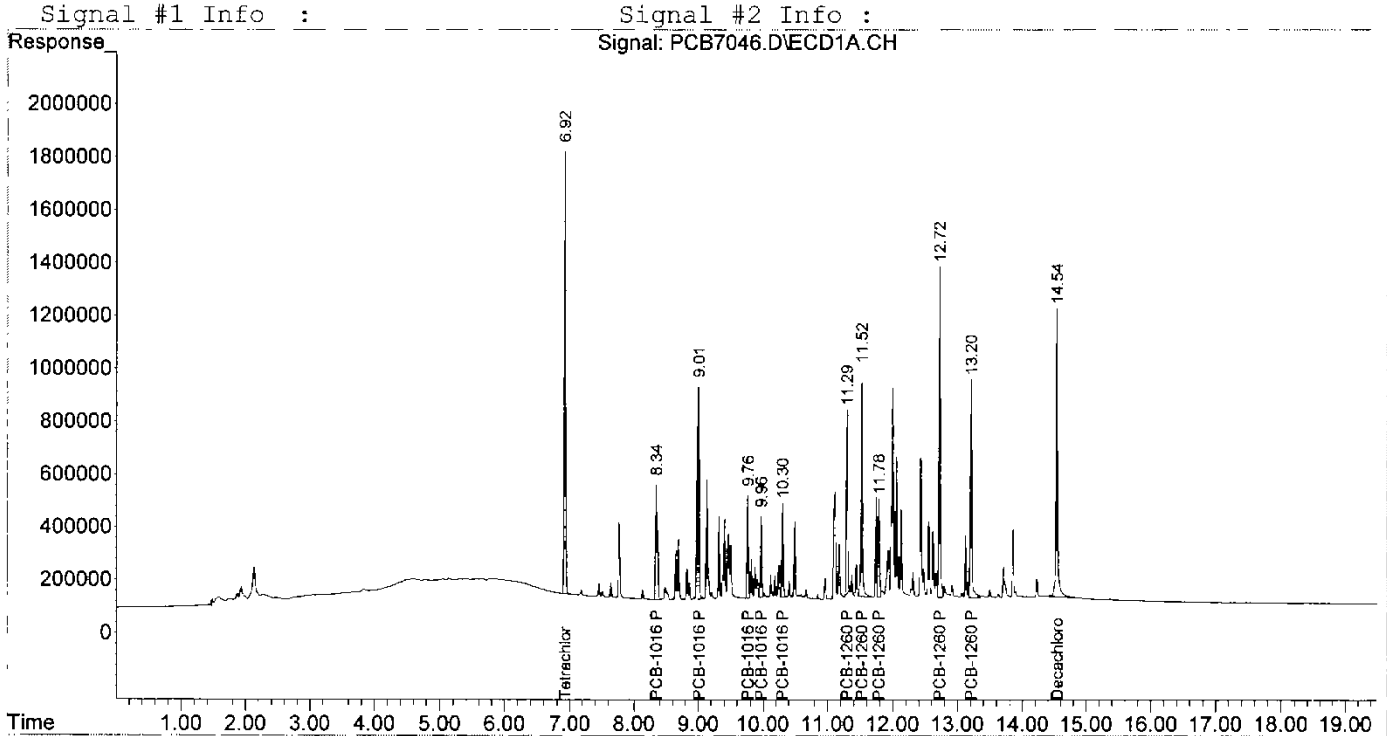
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.340	8678498	94.2	9.319	6175326	93.1	
PCB-1016 Peak 2	9.005	11243248	90.2	10.071	9097386	90.2	
PCB-1016 Peak 3	9.758	5352144	86.7	10.158	7347700	89.9	
PCB-1016 Peak 4	9.962	4469073	85.2	10.741	5299587	86.4	
PCB-1016 Peak 5	10.299	5101718	84.0	11.306	5519710	81.0	
		Average	88.1		Average	88.1	
		Actual	100.0		Actual	100.0	
		% Recovery	88.1	**Pass**	% Recovery	88.1	**Pass**
PCB-1260 Peak 1	11.290	9228877	80.9	12.342	11146222	85.6	
PCB-1260 Peak 2	11.518	12895413	85.3	12.342	11146222	88.1	
PCB-1260 Peak 3	11.781	6330636	70.4	12.688	13149536	94.2	
PCB-1260 Peak 4	12.718	18145240	83.0	13.860	20495859	94.4	
PCB-1260 Peak 5	13.204	13911191	82.3	14.238	12143966	95.7	
		Average	80.4		Average	91.6	
		Actual	100.0		Actual	100.0	
		% Recovery	80.4	**Pass**	% Recovery	91.6	**Pass**

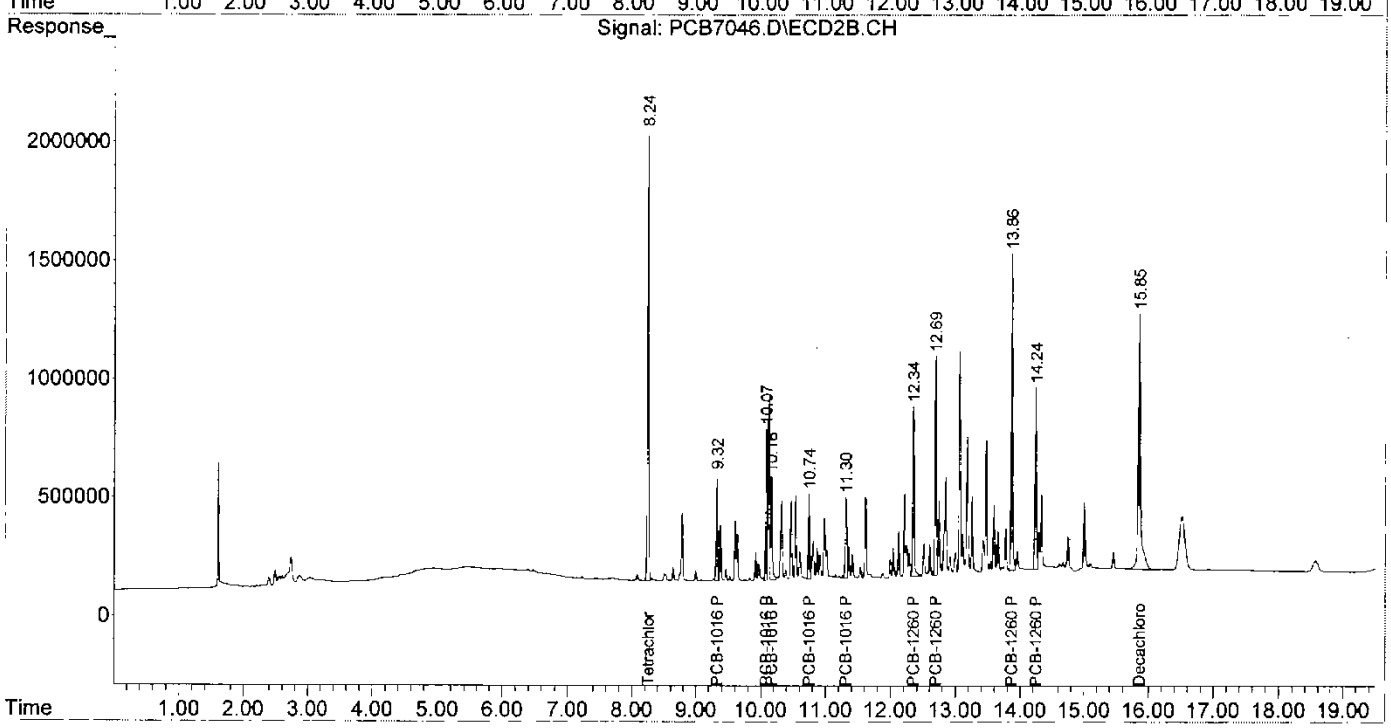
Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7046.D\ECD1A.CH Vial: 100
Signal #2 : Z:\DATA\070405_A\PCB7046.D\ECD2B.CH
Acq On : 4-5-2007 02:07:15 PM Operator: SLC
Sample : 100ppm 1016/1260 CCV STD 561-196-2 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 6 7:57 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 :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7047.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070405_A\PCB7047.D\ECD2B.CH
Acq On : 4-5-2007 02:30:51 PM Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 06 07:58:10 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	64800998	72382178	25.190	23.585
	Spiked Amount 20.000			Recovery	=	125.95%	117.93%
14)	S Decachlorobiphen	14.54	15.85	39083781	54836216	20.745	27.521 #
	Spiked Amount 20.000			Recovery	=	103.72%	137.60%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	21735124	15343458	248.434	231.342
3)	L3 PCB-1016 Peak 2	9.00	10.07	45483760	23038036	364.766	228.407 #
4)	L3 PCB-1016 Peak 3	9.76	10.16	13716524	18880369	222.186	242.901
5)	L3 PCB-1016 Peak 4	9.96	10.74	11516055	13629975	219.501	230.770
6)	L3 PCB-1016 Peak 5	10.30	11.31	12928539	14117493	212.918	207.154
7)	L3 PCB-1016 - Total	0.00	0.00	105.4E6	85009331	269.520m	215.597m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	23813523	28149238	208.766	216.277
9)	L4 PCB-1260 Peak 2	11.52	12.34	32502860	28149238	215.037	226.399
10)	L4 PCB-1260 Peak 3	11.78	12.69	16250367	33155870	202.986	237.543
11)	L4 PCB-1260 Peak 4	12.72	13.86f	46140502	51048701	211.013	235.117
12)	L4 PCB-1260 Peak 5	13.20	14.24	36097560	30188475	213.636	237.943
13)	L4 PCB-1260 - Total	0.00	0.00	154.8E6	170.7E6	207.608m	227.141m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data File Name PCB7047.D
Operator SLC
Date Acquired 4/5/2007
Instrument Name sea034

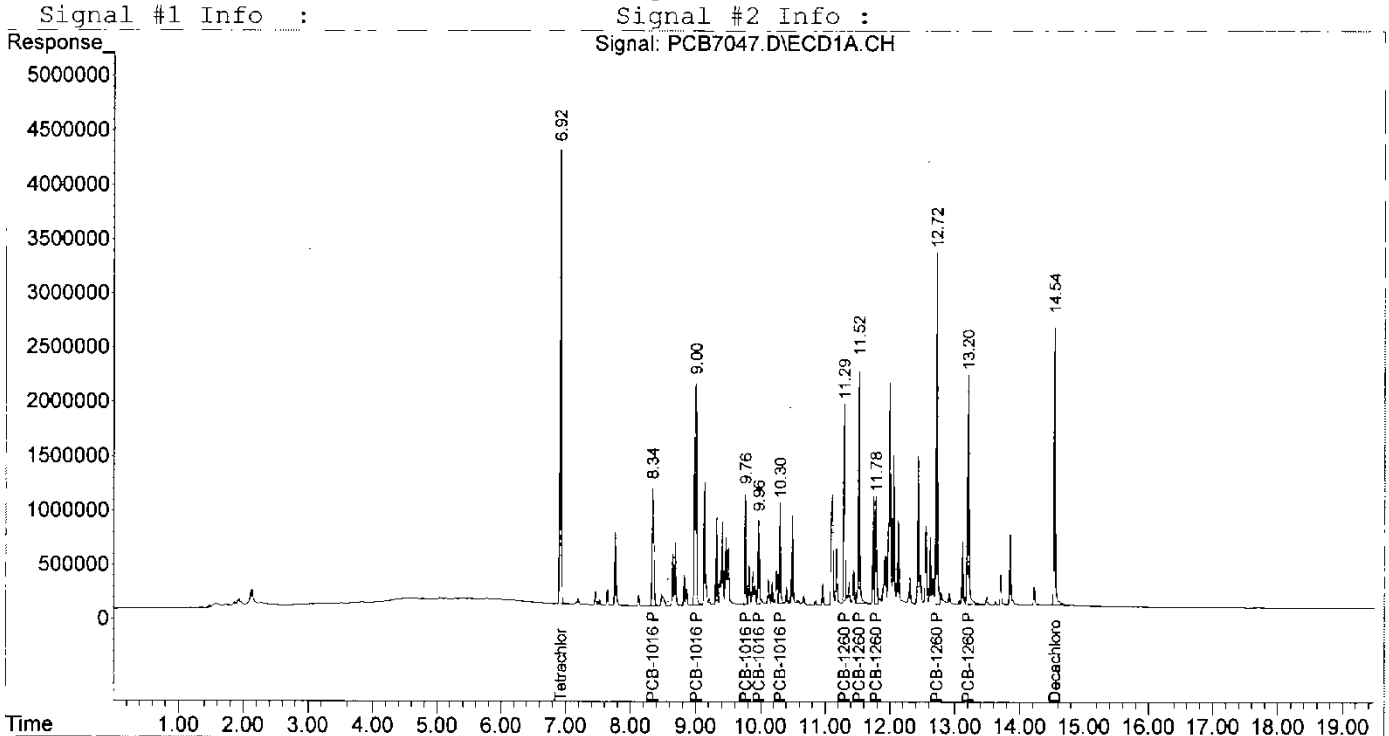
Compound	RT	Area	Column 1 Result	RT	Area	Column 1 Result	
PCB-1016 Peak 1	8.339	21735124	248.4	9.319	15343458	231.3	
PCB-1016 Peak 2	9.004	45483760	364.8	10.071	23038036	228.4	
PCB-1016 Peak 3	9.757	13716524	222.2	10.157	18880369	242.9	
PCB-1016 Peak 4	9.960	11516055	219.5	10.741	13629975	230.8	
PCB-1016 Peak 5	10.298	12928539	212.9	11.306	14117493	207.2	
		Average	253.6		Average	228.1	
		Actual	250.0		Actual	250.0	
		% Recovery	101.4	**Pass**	% Recovery	91.2	**Pass**
PCB-1260 Peak 1	11.290	23813523	208.8	12.341	28149238	216.3	
PCB-1260 Peak 2	11.519	32502860	215.0	12.341	28149238	226.4	
PCB-1260 Peak 3	11.781	16250367	203.0	12.688	33155870	237.5	
PCB-1260 Peak 4	12.718	46140502	211.0	13.861	51048701	235.1	
PCB-1260 Peak 5	13.204	36097560	213.6	14.238	30188475	237.9	
		Average	210.3		Average	230.7	
		Actual	250.0		Actual	250.0	
		% Recovery	84.1	**Pass**	% Recovery	92.3	**Pass**

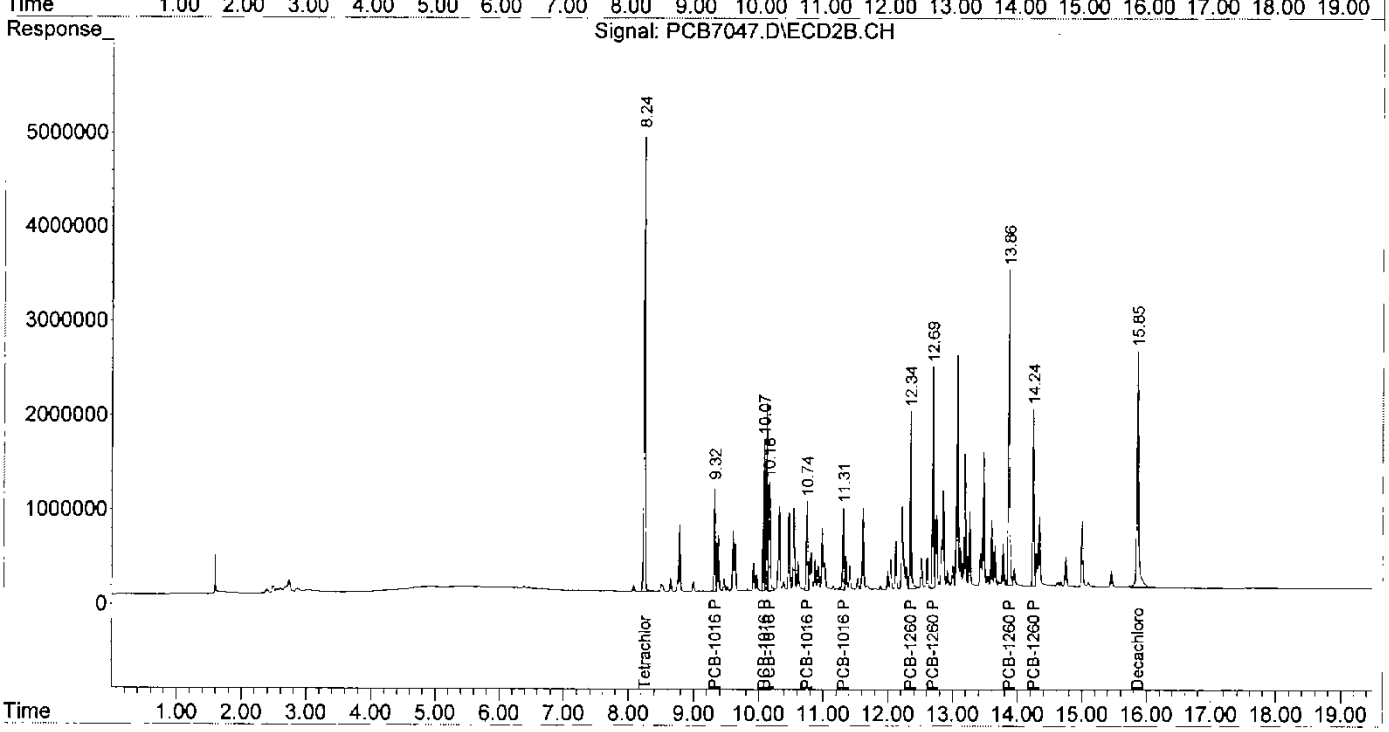
Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7047.D\ECD1A.CH Vial: 25
Signal #2 : Z:\DATA\070405_A\PCB7047.D\ECD2B.CH
Acq On : 4-5-2007 02:30:51 PM Operator: SLC
Sample : 250ppm 1016/1260 CCV STD 561-196-3 Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 6 7:58 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 : 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\070405_A\PCB7032.D\ECD1A.CH Vial: 29
Signal #2 : Z:\DATA\070405_A\PCB7032.D\ECD2B.CH
Acq On : 4-5-2007 08:36:15 AM Operator: SLC
Sample : MB 580-17265/1-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 14:05:40 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 : Initial Calibration
DataAcq Meth : PCBSLOW.M

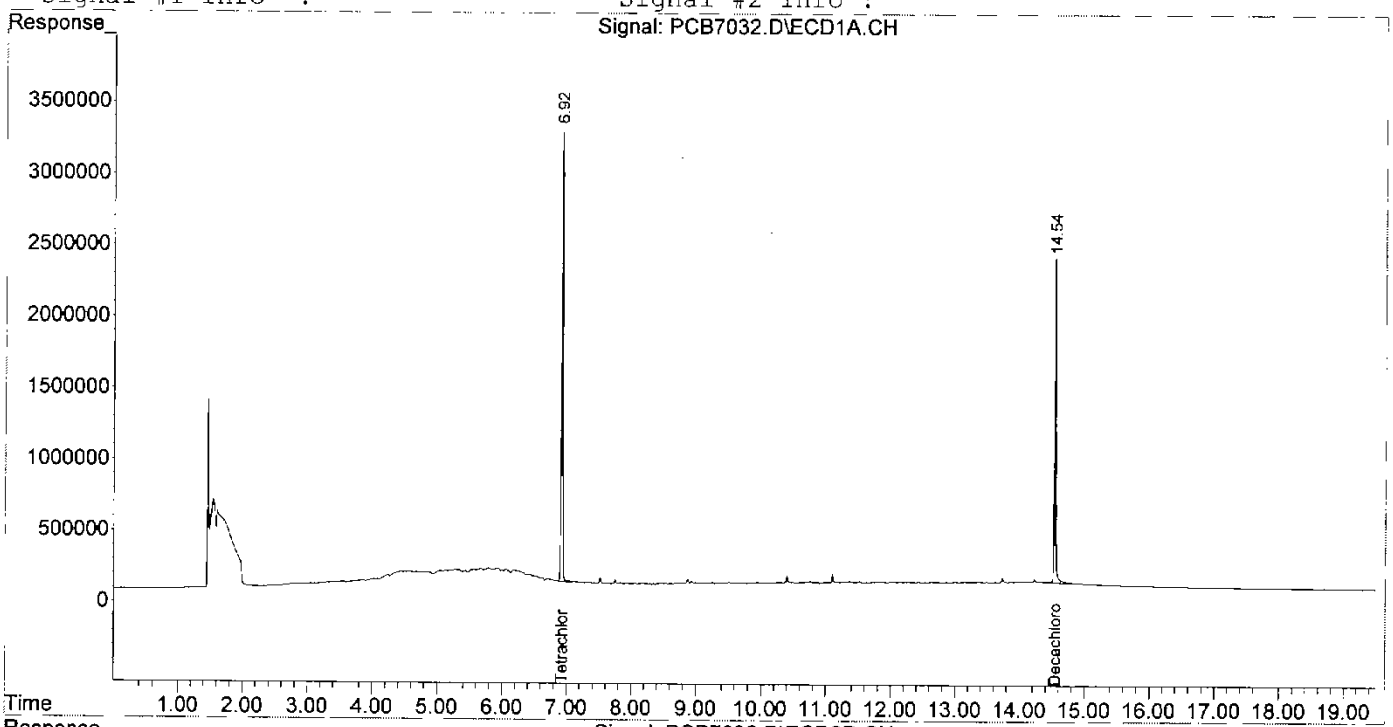
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

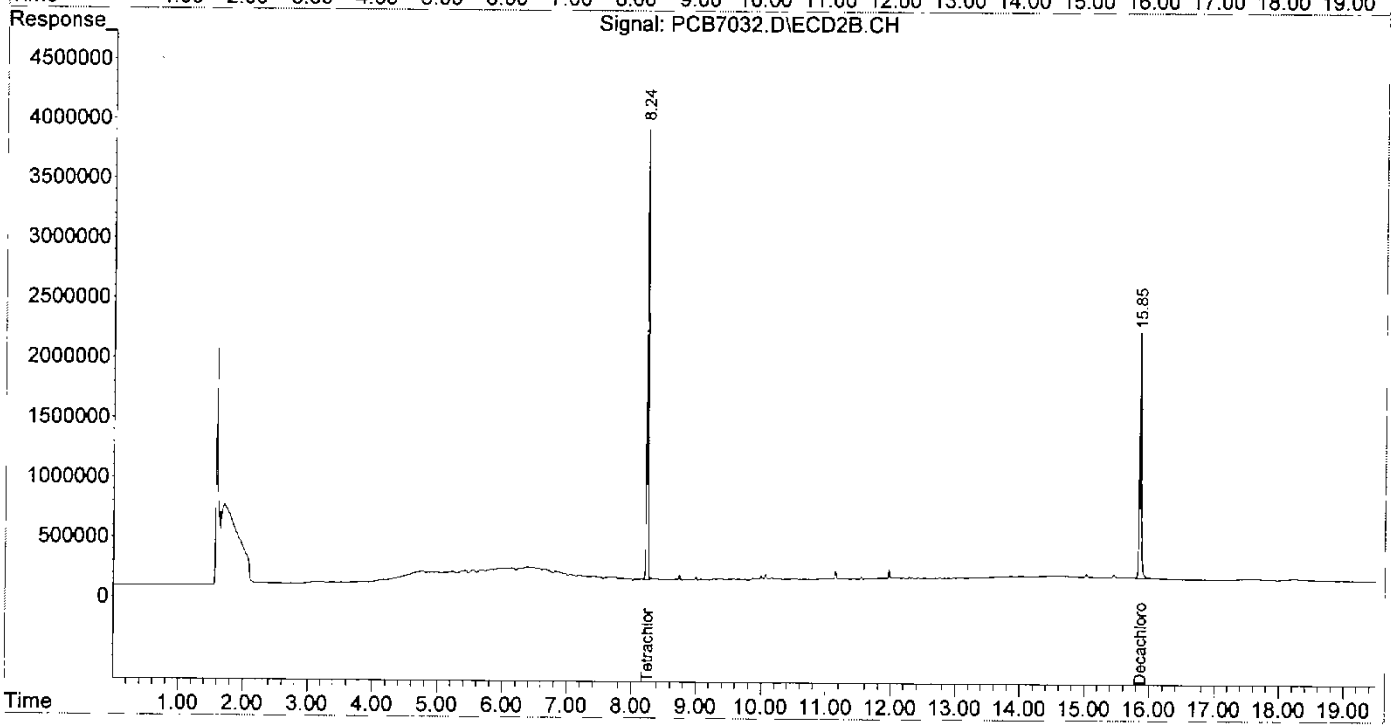
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	47970544	55127398	18.647	17.963
	Spiked Amount 20.000			Recovery =		93.23%	89.81%
14) S	Decachlorobiphen	14.54	15.85	33812880	40700841	17.947	20.427
	Spiked Amount 20.000			Recovery =		89.73%	102.13%
	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\070405_A\PCB7032.D\ECD1A.CH Vial: 29
Signal #2 : Z:\DATA\070405_A\PCB7032.D\ECD2B.CH
Acq On : 4-5-2007 08:36:15 AM Operator: SLC
Sample : MB 580-17265/1-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 14:05 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 :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7032.D\ECD1A.CH Vial: 29
Signal #2 : Z:\DATA\070405_A\PCB7032.D\ECD2B.CH
Acq On : 4-5-2007 08:36:15 AM Operator: SLC
Sample : MB 580-17265/1-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 14:05:40 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 : 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	47970544	55127398	18.647	17.963
	Spiked Amount 20.000			Recovery	=	93.23%	89.81%
14) S	Decachlorobiphen	14.54	15.85	33812880	40700841	17.947	20.427
	Spiked Amount 20.000			Recovery	=	89.73%	102.13%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.35	9.34f	104469	350414	N.D.	5.283 #
3) L3	PCB-1016 Peak 2	8.99	10.06	107886	1134720	0.865	11.250 #
4) L3	PCB-1016 Peak 3	9.75	10.15	297110	978872	4.813	5.386
5) L3	PCB-1016 Peak 4	9.96	0.00	65625	0	1.251	N.D. #
6) L3	PCB-1016 Peak 5	0.00	0.00	0	0	N.D.	N.D.
7) L3	PCB-1016 - Total	0.00	0.00	575090	2464007	1.471m	6.249m#
8) L4	PCB-1260 Peak 1	11.29	0.00	19304	0	0.169	N.D. #
9) L4	PCB-1260 Peak 2	11.51f	0.00	137148	0	0.907	N.D. #
10) L4	PCB-1260 Peak 3	11.78	0.00	226903	0	N.D.	N.D.
11) L4	PCB-1260 Peak 4	12.72	13.86f	257526	314591	1.178	1.449
12) L4	PCB-1260 Peak 5	13.20	0.00	263117	0	1.557	N.D. #
13) L4	PCB-1260 - Total	0.00	0.00	903998	314591	1.212m	0.419m#

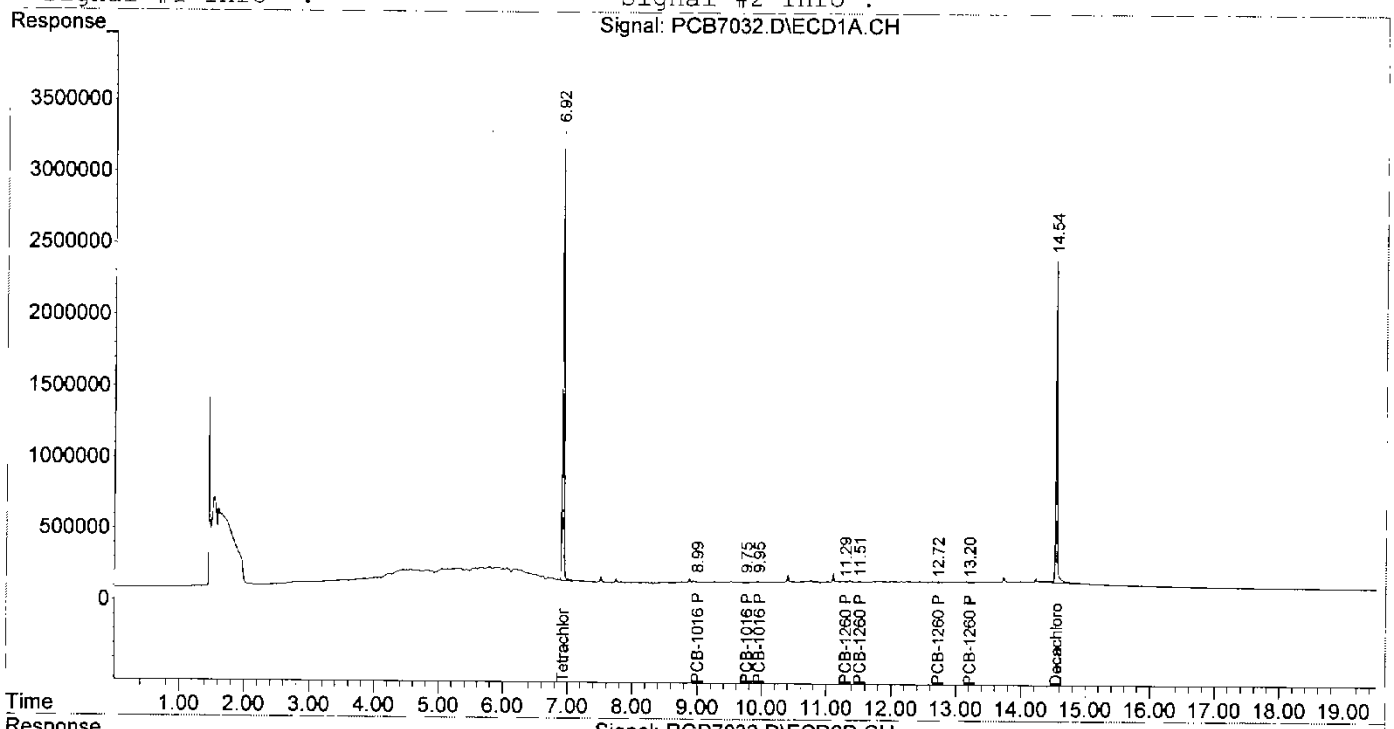
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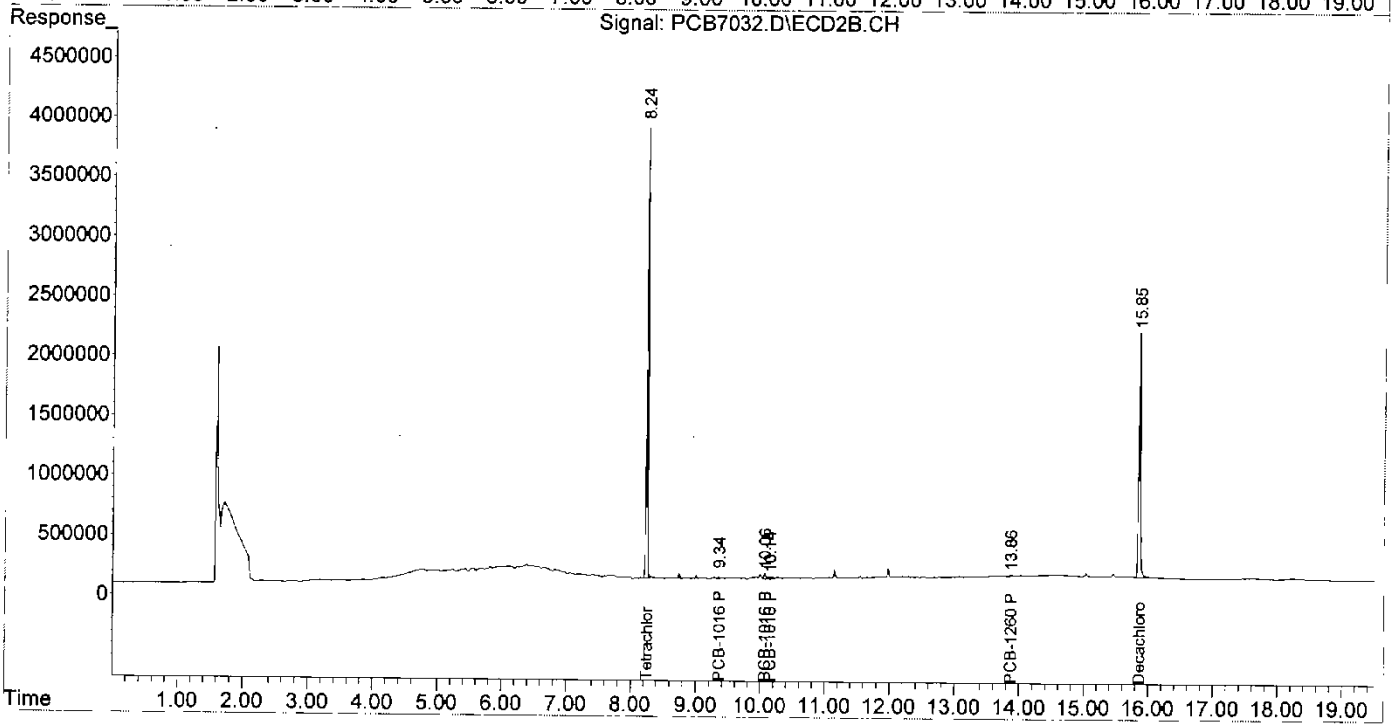
Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7032.D\ECD1A.CH Vial: 29
Signal #2 : Z:\DATA\070405_A\PCB7032.D\ECD2B.CH
Acq On : 4-5-2007 08:36:15 AM Operator: SLC
Sample : MB 580-17265/1-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 14:05 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 :





BLANK SPIKE

Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7033.D\ECD1A.CH Vial: 30
Signal #2 : Z:\DATA\070405_A\PCB7033.D\ECD2B.CH
Acq On : 4-5-2007 08:59:57 AM Operator: SLC
Sample : LCS 580-17265/2-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 09:46:14 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	49421475	57419699	19.211	18.710
	Spiked Amount 20.000			Recovery	=	96.05%	93.55%
14)	S Decachlorobiphen	14.54	15.85	34705509	44009444	18.421	22.087
	Spiked Amount 20.000			Recovery	=	92.10%	110.43%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	8036645	6214717	86.665	93.703
3)	L3 PCB-1016 Peak 2	9.00	10.07	17023267	9656323	136.521	95.736 #
4)	L3 PCB-1016 Peak 3	9.76	10.16	5204613	7879795	84.306	96.946
5)	L3 PCB-1016 Peak 4	9.96	10.74	4438793	5844385	84.605	95.831
6)	L3 PCB-1016 Peak 5	10.30	11.31	4585282	5323747	75.514	78.118
7)	L3 PCB-1016 - Total	0.00	0.00	39288600	34918968	100.485m	88.560m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	10305452	12397106	90.345	95.250
9)	L4 PCB-1260 Peak 2	11.52	12.34	13569846	12397106	89.777	98.274
10)	L4 PCB-1260 Peak 3	11.78	12.69	7466125	14558381	85.618	104.303
11)	L4 PCB-1260 Peak 4	12.72	13.86f	22897333	25621222	104.716	118.005
12)	L4 PCB-1260 Peak 5	13.20	14.24	16947899	15071608	100.303	118.793
13)	L4 PCB-1260 - Total	0.00	0.00	71186655	80045422	95.468m	106.517m

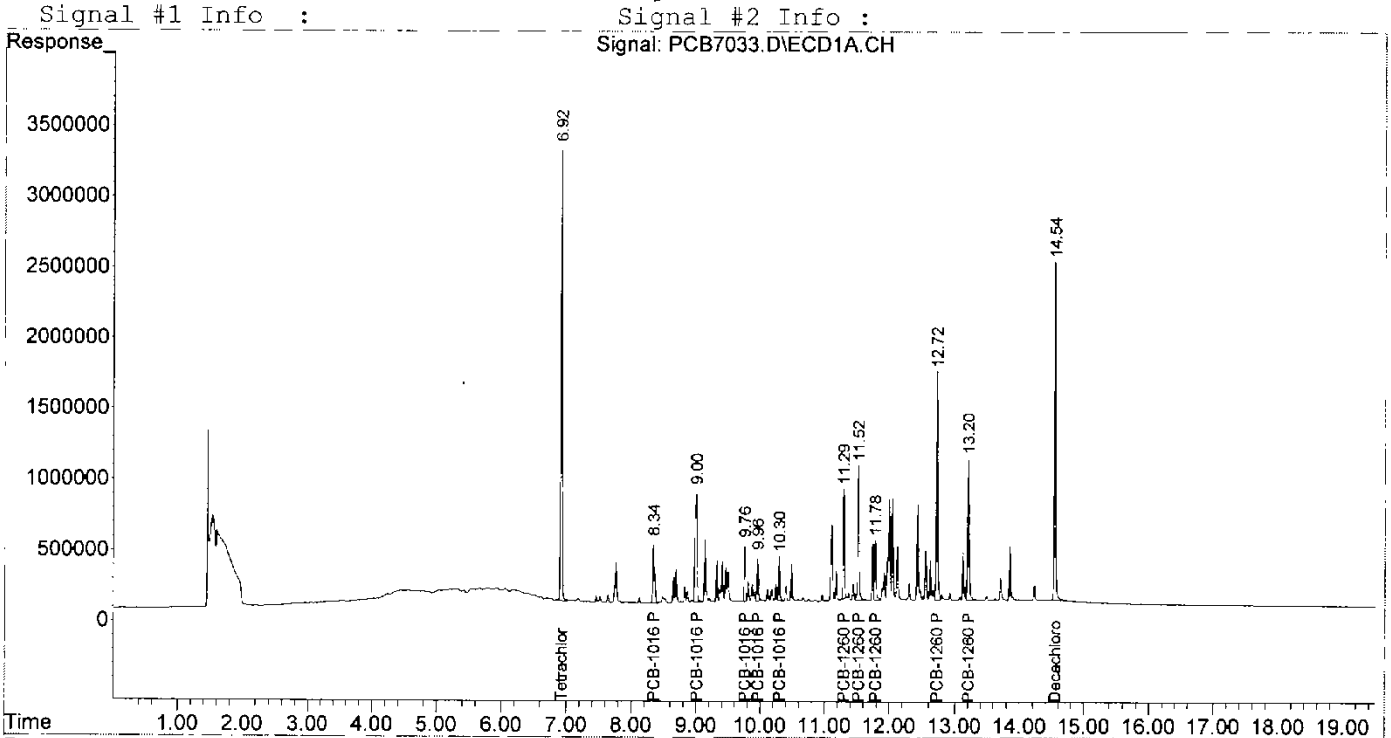
(f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

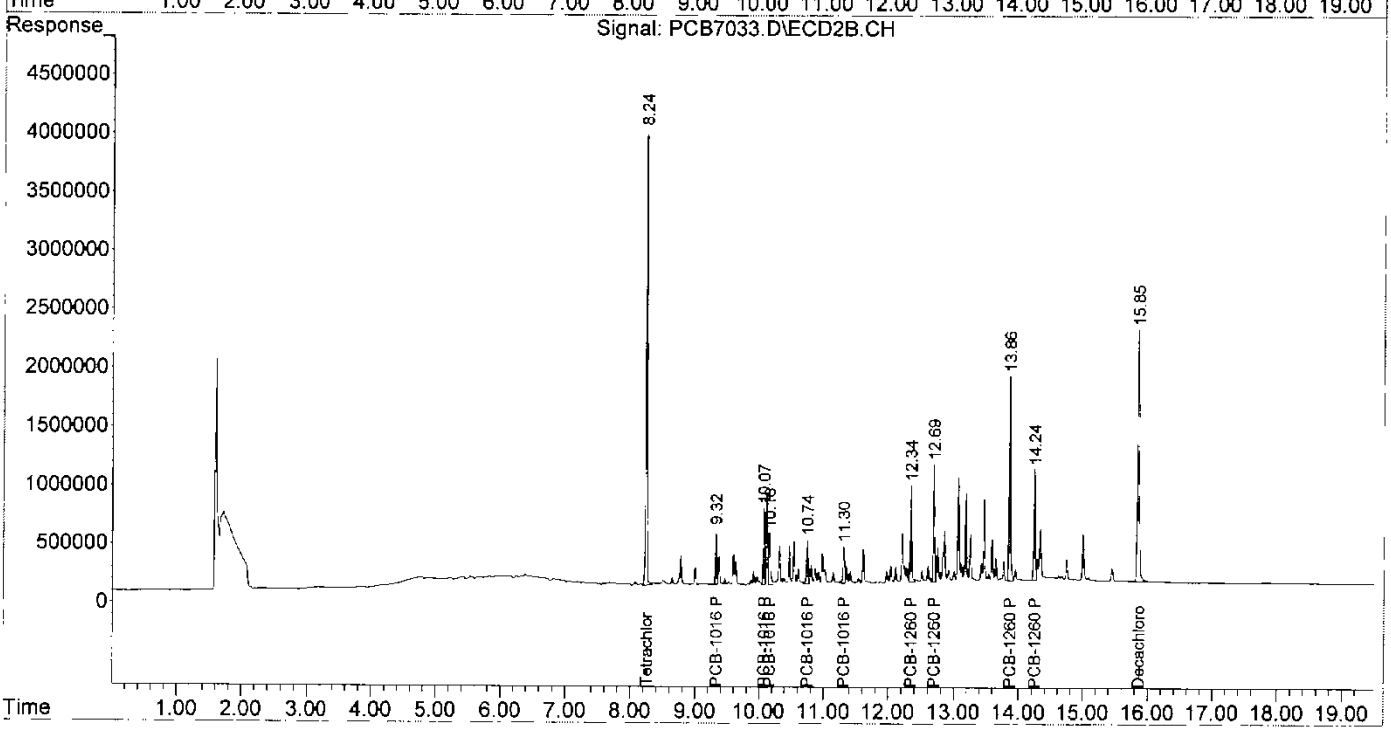
Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7033.D\ECD1A.CH Vial: 30
Signal #2 : Z:\DATA\070405_A\PCB7033.D\ECD2B.CH
Acq On : 4-5-2007 08:59:57 AM Operator: SLC
Sample : LCS 580-17265/2-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 9:46 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 :





Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7034.D\ECD1A.CH Vial: 31
Signal #2 : Z:\DATA\070405_A\PCB7034.D\ECD2B.CH
Acq On : 4-5-2007 09:23:32 AM Operator: SLC
Sample : LCSD 580-17265/3-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 09:46:20 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 :

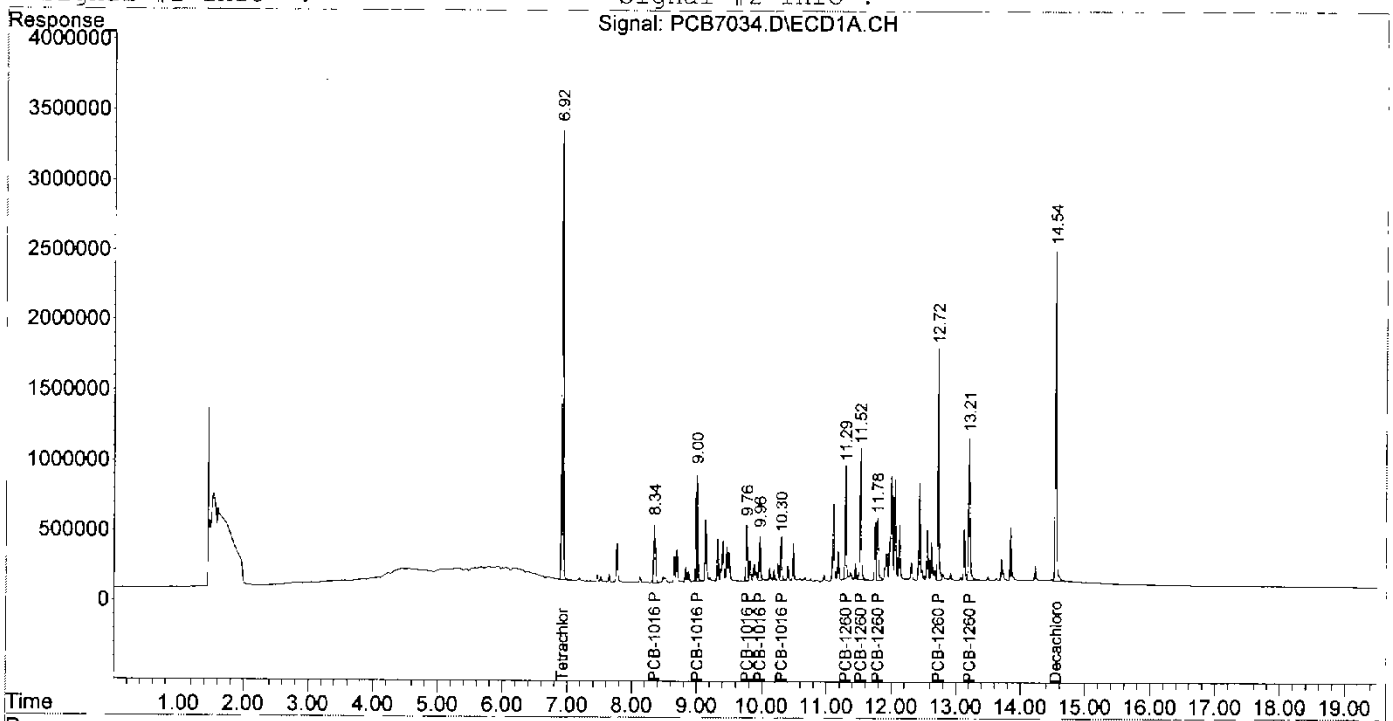
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1)	S Tetrachloro-m-xy	6.92	8.24f	48903796	56843651	19.010	18.522
	Spiked Amount 20.000			Recovery	=	95.05%	92.61%
14)	S Decachlorobiphen	14.54	15.85	33893575	42448828	17.990	21.304
	Spiked Amount 20.000			Recovery	=	89.95%	106.52%
	Target Compounds						
2)	L3 PCB-1016 Peak 1	8.34	9.32	8231493	6714067	88.966	101.232
3)	L3 PCB-1016 Peak 2	9.00	10.07	11024918	9542074	88.416	94.604
4)	L3 PCB-1016 Peak 3	9.76	10.16	5320339	7378245	86.181	90.292
5)	L3 PCB-1016 Peak 4	9.96	10.74	4529753	5400053	86.339	88.130
6)	L3 PCB-1016 Peak 5	10.30	11.31	4713804	5347965	77.631	78.474
7)	L3 PCB-1016 - Total	0.00	0.00	33820308	34382403	86.499m	87.199m
8)	L4 PCB-1260 Peak 1	11.29	12.34f	10499196	12829492	92.043	98.572
9)	L4 PCB-1260 Peak 2	11.52	12.34	13941296	12829492	92.235	101.791
10)	L4 PCB-1260 Peak 3	11.78	12.69	7603949	14587436	87.460	104.511
11)	L4 PCB-1260 Peak 4	12.72	13.86f	23283258	26065696	106.481	120.052
12)	L4 PCB-1260 Peak 5	13.21	14.24	17450645	15314958	103.278	120.711
13)	L4 PCB-1260 - Total	0.00	0.00	72778343	81627074	97.603m	108.622m

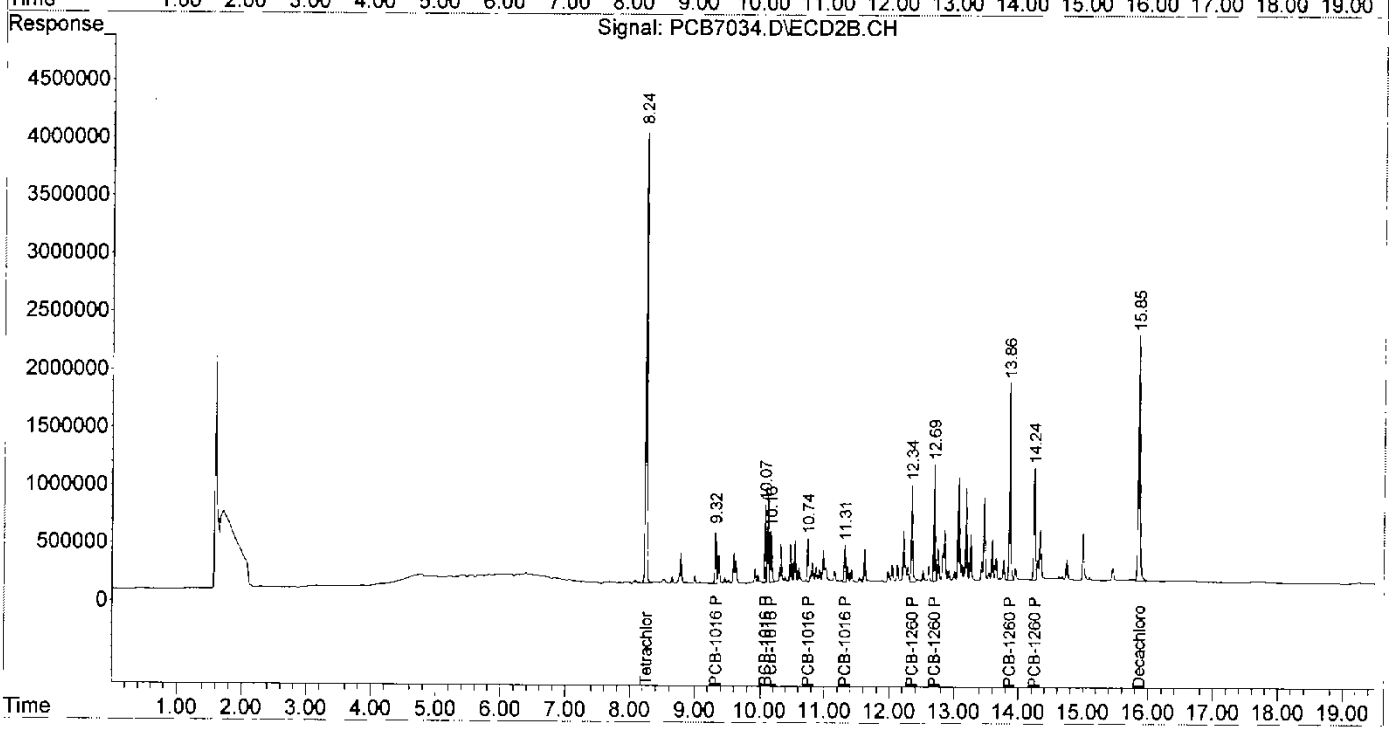
Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7034.D\ECD1A.CH Vial: 31
Signal #2 : Z:\DATA\070405_A\PCB7034.D\ECD2B.CH
Acq On : 4-5-2007 09:23:32 AM Operator: SLC
Sample : LCSD 580-17265/3-AA Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 9:46 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 :





MATIX SPIKE / MATRIX SPIKE DUPLICATE

Quantitation Report (Not Reviewed)

Signal #1 : Z:\DATA\070405_A\PCB7044.D\ECD1A.CH Vial: 34
Signal #2 : Z:\DATA\070405_A\PCB7044.D\ECD2B.CH
Acq On : 4-5-2007 01:19:57 PM Operator: SLC
Sample : 580-5407-A-6-E MS Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 14:06:09 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 :

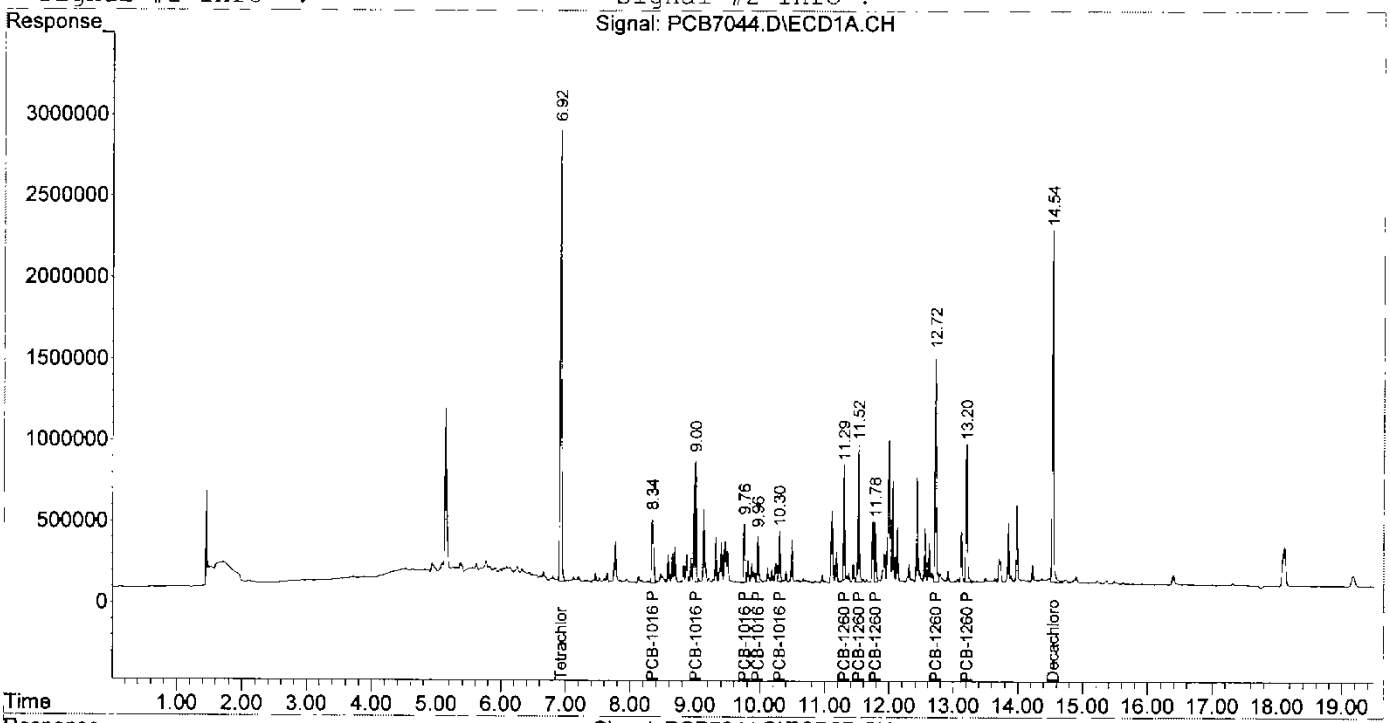
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	42999463	49886570	16.715	16.255
	Spiked Amount 20.000			Recovery	=	83.58%	81.27%
14) S	Decachlorobiphen	14.54	15.85	30809268	38978067	16.353	19.562
	Spiked Amount 20.000			Recovery	=	81.77%	97.81%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	7889889	6150774	84.932	92.739
3) L3	PCB-1016 Peak 2	9.00	10.07	9927602	11123406	79.616	110.281 #
4) L3	PCB-1016 Peak 3	9.76	10.16	4907514	7436808	79.494	91.069
5) L3	PCB-1016 Peak 4	9.96	10.74	4129026	5653568	78.701	92.523
6) L3	PCB-1016 Peak 5	10.30	11.31	4621427	5277724	76.109	77.443
7) L3	PCB-1016 - Total	0.00	0.00	31475457	35642281	80.502m	90.394m
8) L4	PCB-1260 Peak 1	11.29	12.34f	9145684	11484761	80.178	88.240
9) L4	PCB-1260 Peak 2	11.52	12.34	12310346	11484761	81.445	90.853
10) L4	PCB-1260 Peak 3	11.78	12.69	6193380	14064760	68.613	100.766 #
11) L4	PCB-1260 Peak 4	12.72	13.86f	20035556	25738915	91.628	118.547 #
12) L4	PCB-1260 Peak 5	13.20	14.24	14513088	15128664	85.893	119.243 #
13) L4	PCB-1260 - Total	0.00	0.00	62198053	77901862	83.413m	103.665m

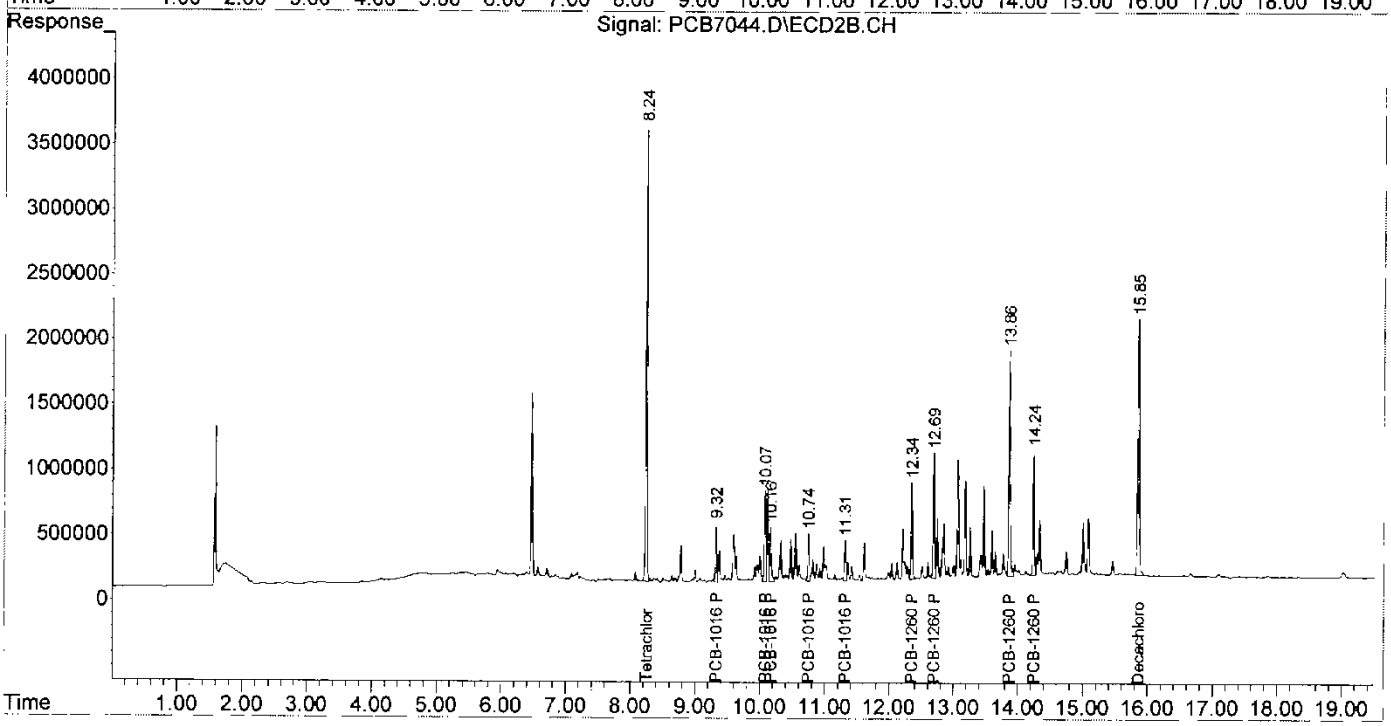
(f)=RT Delta > 1/2 Window (#)=Amounts di[illegible] (m)=manual int.
PCB7044.D 1660_8082_070319.M Thu Apr 05 14:06:10 2007

Signal #1 : Z:\DATA\070405_A\PCB7044.D\ECD1A.CH Vial: 34
Signal #2 : Z:\DATA\070405_A\PCB7044.D\ECD2B.CH
Acq On : 4-5-2007 01:19:57 PM Operator: SLC
Sample : 580-5407-A-6-E MS Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 14:06 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\070405_A\PCB7045.D\ECD1A.CH Vial: 35
Signal #2 : Z:\DATA\070405_A\PCB7045.D\ECD2B.CH
Acq On : 4-5-2007 01:43:39 PM Operator: SLC
Sample : 580-5407-A-6-F MSD Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 05 14:03:38 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 : Initial Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

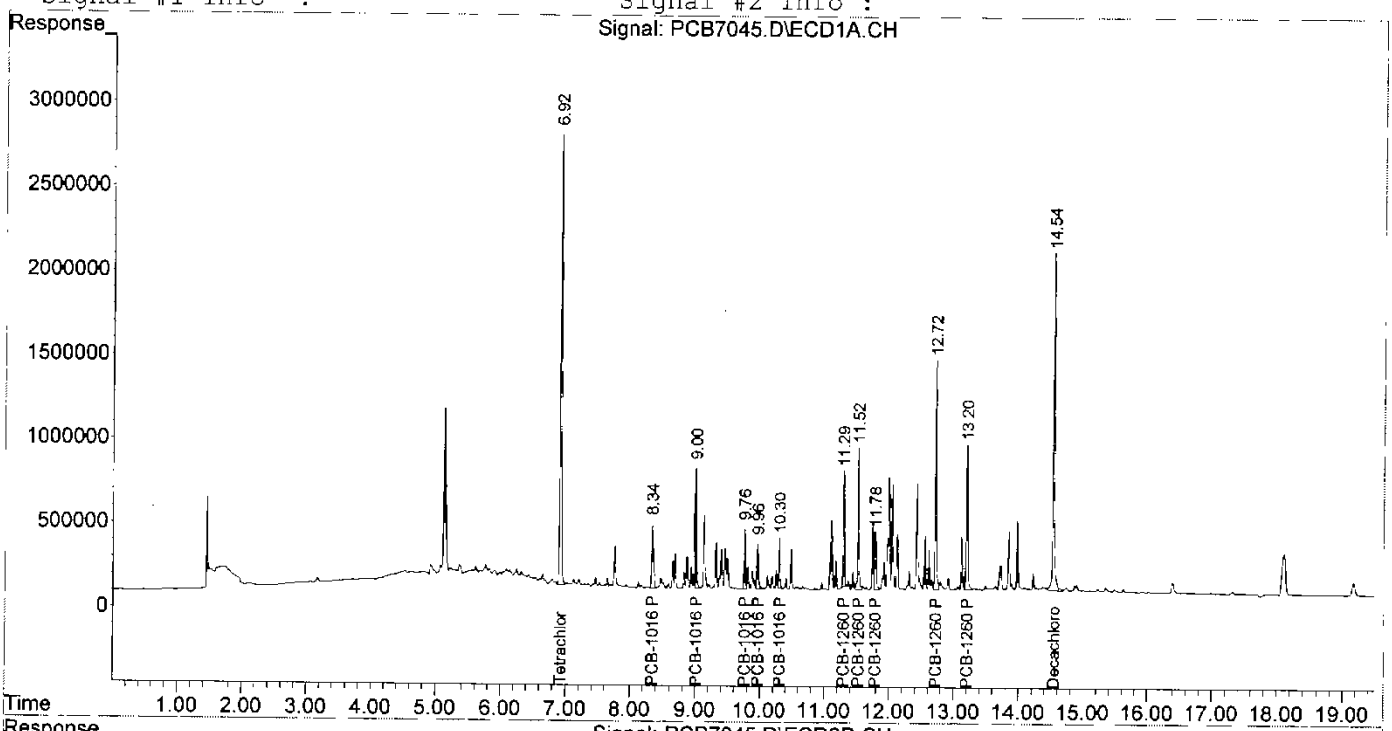
	Compound	RT#1	RT#2	Resp#1	Resp#2	ug/L	ug/L
	System Monitoring Compounds						
1) S	Tetrachloro-m-xy	6.92	8.24f	41601448	47324557	16.171	15.421
	Spiked Amount 20.000			Recovery =		80.86%	77.11%
14) S	Decachlorobiphen	14.54	15.85	31857955	37255557	16.909	18.698
	Spiked Amount 20.000			Recovery =		84.54%	93.49%
	Target Compounds						
2) L3	PCB-1016 Peak 1	8.34	9.32	7549666	5853044	80.914	88.250
3) L3	PCB-1016 Peak 2	9.00	10.07	9995955	11212488	80.164	111.165 #
4) L3	PCB-1016 Peak 3	9.76	10.16	4700768	7100149	76.145	86.602
5) L3	PCB-1016 Peak 4	9.96	10.74	3978508	5412245	75.832	88.341
6) L3	PCB-1016 Peak 5	10.30	11.31	4482002	4967036	73.813	72.884
7) L3	PCB-1016 - Total	0.00	0.00	30706899	34544962	78.536m	87.611m
8) L4	PCB-1260 Peak 1	11.29	12.34f	8831029	11016475	77.419	84.642
9) L4	PCB-1260 Peak 2	11.52	12.34	11954431	11016475	79.090	87.044
10) L4	PCB-1260 Peak 3	11.78	12.69	6233606	13614085	69.151	97.537 #
11) L4	PCB-1260 Peak 4	12.72	13.86f	19708807	24969787	90.134	115.004 #
12) L4	PCB-1260 Peak 5	13.20	14.24	14273102	14852244	84.473	117.064 #
13) L4	PCB-1260 - Total	0.00	0.00	61000976	75469067	81.808m	100.427m

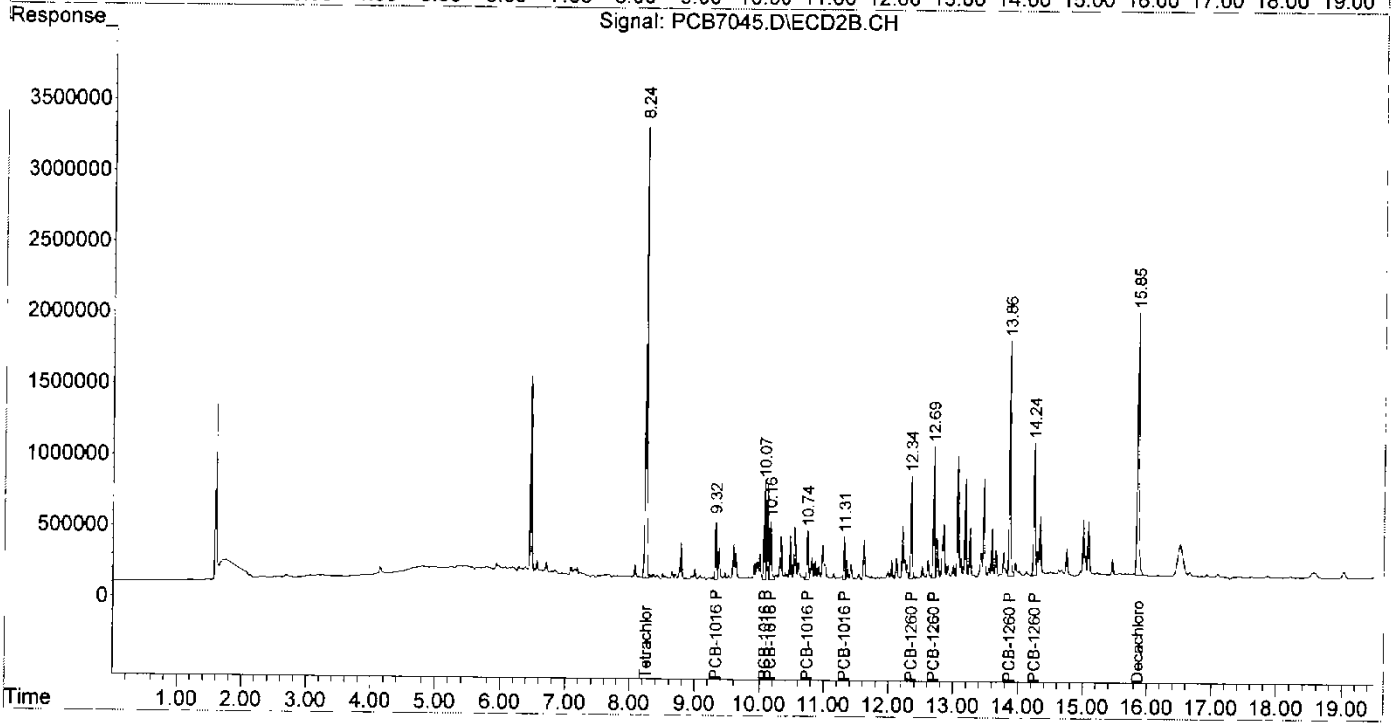
(f)=RT Delta > 1/2 Window (#)=Amounts differ by >25% (m)=manual int.

Signal #1 : Z:\DATA\070405_A\PCB7045.D\ECD1A.CH Vial: 35
Signal #2 : Z:\DATA\070405_A\PCB7045.D\ECD2B.CH
Acq On : 4-5-2007 01:43:39 PM Operator: SLC
Sample : 580-5407-A-6-F MSD Inst : sea034
Misc : BT=SEA03417265 Multiplr: 1.00
IntFile Signal #1: EVENTS.E IntFile Signal #2: EVENTS2.E
Quant Time: Apr 5 14:03 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 : Multiple Level Calibration
DataAcq Meth : PCBSLOW.M

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





LABORATORY WORKSHEETS

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17265

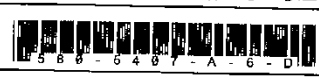
Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 7:25:41AM

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~580-17265/1 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
2	LCS~580-17265/2 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
3	LCSD~580-17265/3 N/A	N/A	10 g	10 mL	N/A	N/A	N/A		
4	580-5407-A-5 (8082)	N/A	10.6480 g	10 mL	4/12/07	13_Days - E	4		
5	580-5407-A-6 (8082)	N/A	10.3367 g	10 mL	4/12/07	13_Days - E	4		
6	580-5407-A-6~MS (8082)	N/A	10.1328 g	10 mL	4/12/07	13_Days - E	4		
7	580-5407-A-6~MSD (8082)	N/A	10.2672 g	10 mL	4/12/07	13_Days - E	4		

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: 580-17265

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 7:25:41AM

Batch End:

Comments

580-5407-A-5	Method Comments: Needs RL of 5 mg/kg
580-5407-A-6	Method Comments: Needs RL of 5 mg/kg
580-5407-A-6~MS	Method Comments: Needs RL of 5 mg/kg
580-5407-A-6~MSD	Method Comments: Needs RL of 5 mg/kg

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17265

Method Code: 580-3550B_LL-580

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 7:25:41AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness
MB 580-17265/1	PCBLLSSurr	100 uL	10 mL		
LCS 580-17265/2	PCBLLSSpk_00001	100 uL	10 mL		
LCS 580-17265/2	PCBLLSSurr	100 uL	10 mL		
LCSD 580-17265/3	PCBLLSSpk_00001	100 uL	10 mL		
LCSD 580-17265/3	PCBLLSSurr	100 uL	10 mL		
580-5407-A-5	PCBLLSSurr	100 uL	10 mL		
580-5407-A-6	PCBLLSSurr	100 uL	10 mL		
580-5407-A-6 MS	PCBLLSSpk_00001	100 uL	10 mL		
580-5407-A-6 MS	PCBLLSSurr	100 uL	10 mL		
580-5407-A-6 MSD	PCBLLSSpk_00001	100 uL	10 mL		
580-5407-A-6 MSD	PCBLLSSurr	100 uL	10 mL		

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17265

Analyst: Chambers, Stephen L

Batch Open: 4/4/2007 7:25:41AM

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: 580-17365

Method Code: 580-8082-580

Batch Open: 4/5/2007 8:36:00AM

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~580-17265/1-AA N/A	N/A			N/A	N/A	N/A		
2	580-5407-A-5-D (8082)	N/A			4/12/07	13_Days - E	4		
3	580-5407-A-6-D (8082)	N/A			4/12/07	13_Days - E	4		
4	580-5407-A-6-E~MS (8082)	N/A			4/12/07	13_Days - E	4		
5	580-5407-A-6-F~MSD (8082)	N/A			4/12/07	13_Days - E	4		
6	LCS~580-17265/2-AA N/A	N/A			N/A	N/A	N/A		
7	LCSD~580-17265/3-AA N/A	N/A			N/A	N/A	N/A		

Batch Notes

Batch Comment

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17365

Method Code: 580-8082-580

Batch Open: 4/5/2007 8:36:00AM

Batch End:

Comments

580-5407-A-5-D	Method Comments: Needs RL of 5 mg/kg
580-5407-A-6-D	Method Comments: Needs RL of 5 mg/kg
580-5407-A-6-E~MS	Method Comments: Needs RL of 5 mg/kg
580-5407-A-6-F~MSD	Method Comments: Needs RL of 5 mg/kg

Solid SW-846-3500 Analysis Sheet

(To Accompany Samples to Instruments)

Batch Number: 580-17365

Method Code: 580-8082-580

Batch Open: 4/5/2007 8:36:00AM

Batch End:

Reagent Additions Worksheet

Lab ID	Reagent Code	Amount Added	Final Amount	By	Witness

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	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	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	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	Calib Conc.	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.	Units	Std.Dev.	Sample Conc.	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.	Units	Std.Dev.	Sample Conc.	Units	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.	Units	Std.Dev.	Sample Conc.	Units	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.

Sequence No.: 11
Sample ID: RL-STD
Analyst: RS
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%

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	Calib Std.Dev.	Sample Conc.	Sample Units	Sample 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	Calib Std.Dev.	Sample Conc.	Sample Units	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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								

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: MB
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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Units	Std.Dev.	Sample Conc.	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.	Units	Std.Dev.	Sample Conc.	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.	Units	Std.Dev.	Sample Conc.	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

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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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%

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: RB
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.	Units	Std.Dev.	Sample Conc.	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.	Units	Std.Dev.	Sample Conc.	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.	Units	Std.Dev.	Sample Conc.	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: AB
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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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.	Calib Units	Std.Dev.	Sample Conc.	Sample 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: BB
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.

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		

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		580-141747
17	400-20367-B-4 (3050B)	N/A	Solid	1.0773 g	50 mL	4/12/07	7_Days - E	N/A		580-141748
18	400-20367-B-5 (3050B)	N/A	Solid	1.2681 g	50 mL	4/12/07	7_Days - E	N/A		580-141749
19	MB~580-17358/19 N/A	N/A		1.0 g	50 mL	N/A	N/A	N/A		580-141750
20	LCS~580-17358/20 N/A	N/A		1.0 g	50 mL	N/A	N/A	N/A		580-141751
21	LCSD~580-17358/21 N/A	N/A		1.0 g	50 mL	N/A	N/A	N/A		580-141752
22	LCSSRM~580-17358/22 N/A	N/A		0.5838 g	50 mL	N/A	N/A	N/A		580-141753

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

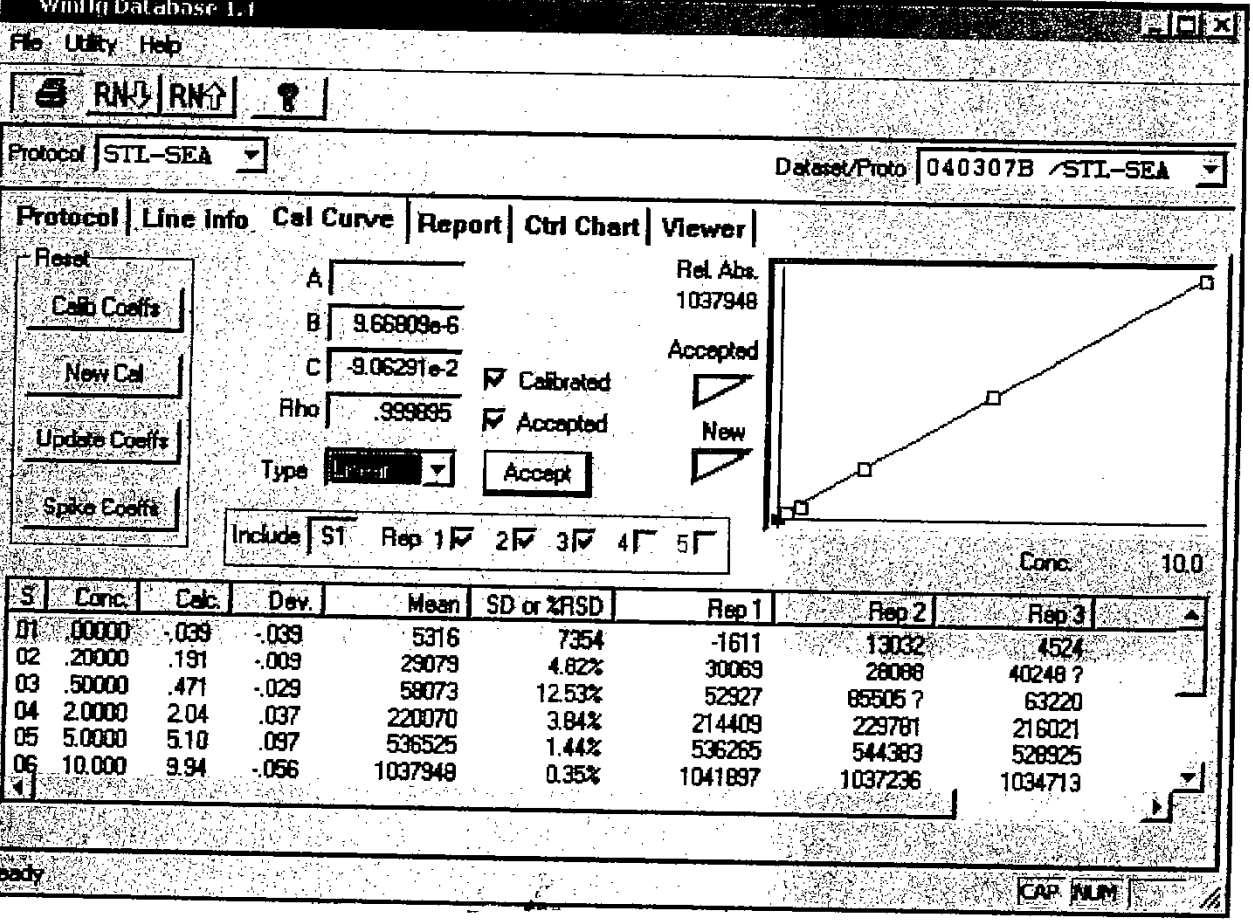
Batch Open: 4/5/2007 3:41:38PM

Batch End:

Other Reagents:

Reagent	Amount/Units	Lot#:

TOTAL MERCURY DATA PACKAGE


File Utility Help
RN↓ RN↑
Protocol STIL-SEA
Dataset/Proto 040307B /STIL-SEA
Protocol Line Info Cal Curve Report Ctrl Chart Viewer
Reset
Calib Coeffs
New Cal
Update Coeffs
Spike Coeffs
A
B 9.66809e-6
C -9.06291e-2
Rho .999895
Type
Calibrated
Accepted
Accept
Rel. Abs. 1037948
Accepted
New
Include S1 Rep 1 2 3 4 5
Conc. 10.0
S Conc. Calc. Dev. Mean SD or %RSD Rep 1 Rep 2 Rep 3
01 .00000 -.039 -.039 5316 7354 -1611 13032 4524
02 .20000 .191 -.009 29079 4.62% 30069 28088 40248 ?
03 .50000 .471 -.029 58073 12.53% 52927 65505 ? 63220
04 2.0000 2.04 .037 220070 3.84% 214409 229781 216021
05 5.0000 5.10 .097 536525 1.44% 536265 544383 528925
06 10.000 9.94 -.056 1037948 0.35% 1041897 1037236 1034713
CAP NUM

SJMS 4/3/07

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 Hg#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

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#:

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	20.7785	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	19.7253	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	20.5696	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

RPD = 0.2

$TVS = \frac{A-D}{A-B} \times 100$

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-C	25.5213	18.3750	25.2565	3.71
A-6d	25.5974	18.0797	25.3198	3.69
5404-A 13	24.4006	19.6038	24.1844	4.51
A14	26.0707	19.7791	25.8461	3.57

RPD = 0.4

$TVS = \frac{A-D}{A-B} \times 100$

Continued on Page

Read and Understood By

Signed _____ Date _____

Date _____