Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**
IAL Case Number: **E12-07431**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

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IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.

E12-07431

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/24/2012@17:00

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
07431-001	X-32 (0-2.0)	0/2	7/24/2012@08:59	Soil	1
07431-002	X-32 (2.0-3.0)	2/3	7/24/2012@09:00	Soil	1
07431-003	X-32 (3.0-4.0)	3/4	7/24/2012@09:01	Soil	1
07431-004	X-32 (4.0-4.75)	4/4.75	7/24/2012@09:02	Soil	1
07431-005	X-32 (4.75-6.0)	4.75/6	7/24/2012@09:03	Soil	1
07431-006	X-31 (0-2.0)	0/2	7/24/2012@09:27	Soil	1
07431-007	X-31 (2.0-4.0)	2/4	7/24/2012@09:28	Soil	1
07431-008	X-31 (4.0-4.75)	4/4.75	7/24/2012@09:29	Soil	1
07431-009	X-31 (4.75-6.0)	4.75/6	7/24/2012@09:29	Soil	1
07431-010	X-31 (6.0-8.0)	6/8	7/24/2012@09:30	Soil	1
07431-011	X-29 (0-2.0)	0/2	7/24/2012@10:20	Soil	1
07431-012	X-29 (2.0-3.0)	2/3	7/24/2012@10:21	Soil	1
07431-013	X-29 (3.0-4.0)	3/4	7/24/2012@10:22	Soil	1
07431-014	X-29 (4.0-6.0)	4/6	7/24/2012@10:23	Soil	1
07431-015	X-34 (0-2.0)	0/2	7/24/2012@10:42	Soil	1
07431-016	X-34 (2.0-3.0)	2/3	7/24/2012@10:43	Soil	1
07431-017	X-34 (3.0-4.0)	3/4	7/24/2012@10:44	Soil	1
07431-018	X-34 (4.0-6.0)	4/6	7/24/2012@10:45	Soil	1
07431-019	X-35 (0-1.5)	0/1.5	7/24/2012@11:03	Soil	1
07431-020	X-35 (2.0-3.25)	2/3.25	7/24/2012@11:04	Soil	1
07431-021	X-35 (3.25-4.0)	3.25/4	7/24/2012@11:05	Soil	1
07431-022	X-35 (4.0-6.0)	4/6	7/24/2012@11:06	Soil	1
07431-023	X-37 (0-2.0)	0/2	7/24/2012@11:57	Soil	1
07431-024	X-37 (2.0-4.0)	2/4	7/24/2012@11:58	Soil	1
07431-025	X-37 (4.0-4.75)	4/4.75	7/24/2012@11:59	Soil	1
07431-026	X-37 (4.75-6.0)	4.75/6	7/24/2012@12:00	Soil	1
07431-027	Y-37 (0-2.0)	0/2	7/24/2012@12:11	Soil	1
07431-028	Y-37 (2.0-2.75)	2/2.75	7/24/2012@12:12	Soil	1
07431-029	Y-37 (2.75-4.0)	2.75/4	7/24/2012@12:13	Soil	1
07431-030	Y-37 (4.0-6.0)	4/6	7/24/2012@12:14	Soil	1
07431-031	U-36 (0-2.0)	0/2	7/24/2012@13:09	Soil	1
07431-032	U-36 (2.0-4.0)	2/4	7/24/2012@13:10	Soil	1
07431-033	U-36 (4.0-5.0)	4/5	7/24/2012@13:11	Soil	1
07431-034	U-36 (5.0-6.0)	5/6	7/24/2012@13:12	Soil	1
07431-035	U-37 (0-2.0)	0/2	7/24/2012@13:32	Soil	1
07431-036	U-37 (2.0-3.0)	2/3	7/24/2012@13:33	Soil	1
07431-037	U-37 (3.0-4.0)	3/4	7/24/2012@13:34	Soil	1
07431-038	U-37 (4.0-5.25)	4/5.25	7/24/2012@13:35	Soil	1
07431-039	U-37 (5.25-6.0)	5.25/6	7/24/2012@13:36	Soil	1
07431-040	U-38 (0-1.75)	0/1.75	7/24/2012@13:51	Soil	1
07431-041	U-38 (2.0-4.0)	2/4	7/24/2012@13:52	Soil	1
07431-042	U-38 (4.0-4.5)	4/4.5	7/24/2012@13:53	Soil	1
07431-043	U-38 (4.5-5.25)	4.5/5.25	7/24/2012@13:54	Soil	1
07431-044	U-38 (5.25-6.0)	5.25/6	7/24/2012@13:55	Soil	1
07431-045	T-38 (0-2.0)	0/2	7/24/2012@14:07	Soil	1
07431-046	T-38 (2.0-4.0)	2/4	7/24/2012@14:08	Soil	1

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

Sample Summary

IAL Case No.

E12-07431

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/24/2012@17:00

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
07431-047	T-38 (4.0-5.0)	4/5	7/24/2012@14:09	Soil	1
07431-048	T-38 (5.0-6.0)	5/6	7/24/2012@14:11	Soil	1
07431-049	T-37 (0-2.0)	0/2	7/24/2012@14:21	Soil	1
07431-050	T-37 (2.0-4.0)	2/4	7/24/2012@14:22	Soil	1
07431-051	T-37 (4.0-6.0)	4/6	7/24/2012@14:23	Soil	1
07431-052	T-37 (6.0-7.0)	6/7	7/24/2012@14:24	Soil	1
07431-053	T-37 (7.0-8.0)	7/8	7/24/2012@14:25	Soil	1
07431-054	T-36 (0-2.0)	0/2	7/24/2012@14:34	Soil	1
07431-055	T-36 (2.0-4.0)	2/4	7/24/2012@14:35	Soil	1
07431-056	T-36 (4.0-4.5)	4/4.5	7/24/2012@14:37	Soil	1
07431-057	T-36 (4.5-6.0)	4.5/6	7/24/2012@14:37	Soil	1
07431-058	S-36 (0-2.0)	0/2	7/24/2012@14:50	Soil	1
07431-059	S-36 (2.0-4.0)	2/4	7/24/2012@14:51	Soil	1
07431-060	S-36 (4.0-5.0)	4/5	7/24/2012@14:52	Soil	1
07431-061	S-36 (5.0-6.0)	5/6	7/24/2012@14:53	Soil	1
07431-062	S-37 (0-2.0)	0/2	7/24/2012@15:07	Soil	1
07431-063	S-37 (2.0-4.0)	2/4	7/24/2012@15:08	Soil	1
07431-064	S-37 (4.0-5.0)	4/5	7/24/2012@15:09	Soil	1
07431-065	S-37 (5.0-6.0)	5/6	7/24/2012@15:10	Soil	1
07431-066	FB-19	n/a	7/24/2012@15:15	Aqueous	2
07431-067	X-30 (0-2.0)	0/2	7/24/2012@09:58	Soil	1
07431-068	X-30 (2.0-3.5)	2/3.5	7/24/2012@09:59	Soil	1
07431-069	X-30 (3.5-4.25)	3.5/4.25	7/24/2012@10:00	Soil	1
07431-070	X-30 (4.25-6.0)	4.25/6	7/24/2012@10:01	Soil	1

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on August 13, 2012

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

B Indicates the analyte was found in the associated method blank as well as in the sample. It indicates probable laboratory contamination.

C Indicates analyte is a common laboratory contaminant.

D Indicated analyte was reported from diluted analysis.

E Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.

J Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received one (1) aqueous and sixty-nine (69) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-07431, Project: ARSYNCO) on July 24, 2012 for the analysis of:

(70) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by

8/13/12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12 - 07431

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range:		✓
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments:

Organic Manager

08-01-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07431

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 07431#023, #024 surrogate diluted out	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

08-06-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC / ARSYNCO

IAL Case Number: E12 - 07431

GC Analysis: PCB'S [X]

PESTICIDES [ ]

HERBICIDES [ ]

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07431# 023

This exceedence is caused by sample matrix interference in the analytical run.

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07431

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 07431 # 046, #049, #050 surrogate diluted out	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

08-10-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/ARSYNCO

IAL Case Number: E12 - 07431

GC Analysis: PCB'S [X]

PESTICIDES [ ]

HERBICIDES [ ]

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07431 #059

This exceedence is caused by sample matrix interference in the analytical run.

rev 01/12

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07431

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 07431# 062, # 067 surrogate diluted out	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments:

Organic Manager

08-13-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07431

		No	Yes
1.	Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2.	Standards Summary submitted.		✓
3.	Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5.	Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: 028 DCBS; # 40,41,42,45,MS,MSD,27,29,36,44 surrogate diluted out # 033 double spiked with surrogate, # 034 triple spiked with surrogate	✓	
6.	Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range: MS/MSD failed criteria due to matrix interference	✓	
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments:

please see next page

Organic Manager

8/13/12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/ARSYNCO

IAL Case Number: E12 - 07431

GC Analysis: PCB'S [X]

PESTICIDES [ ]

HERBICIDES [ ]

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07431 #030
#040

This exceedence is caused by sample matrix interference in the analytical run.

rev 01/12

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S

Lab Case Number: E12- 07431

	No	Yes
1. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks).		✓
2. Standards Summary submitted.		✓
3. Calibration - Initial calibration performed within 30 days before sample analysis and continuing calibration performed within 12 hrs of the sample analysis.		✓
4. Blank Contamination - If yes, list compounds and concentrations in each blank:	✓	
5. Surrogate Recoveries meet criteria (if applicable). If not met, list those compounds and their recoveries which fall outside the acceptable range: #005 TCMX1, #12, TCMX1, #14 TCMX1, TCMX2 07431 #1,2,6,15,16 surrogate diluted out	✓	
6. Matrix Spike/Matrix Spike Duplicate meet criteria (if not, list those compounds and their recoveries/% differences which fall outside the acceptable range) acceptable range:		✓
7. Retention Time Shift Meet Criteria (if applicable).		✓
8. Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9. Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

08-13-12
Date

INTEGRATED ANALYTICAL LABORATORIES
CONFORMANCE/NONCONFORMANCE SUMMARY
GC ANALYSIS - PCB'S, PESTICIDES, HERBICIDES

Additional comments for GC analytical results

Client/ Project: JMC/ARSYNCO

IAL Case Number: E12 - 07431

GC Analysis:

PCB'S	X
PESTICIDES	
HERBICIDES	

(check box for correct analysis)

As per EPA Method SW-846 8000C Section 11.10.4, the following samples are being reported with compound results that are significantly higher (> 40%) difference between primary and secondary column quantitations:

07431 #019

This exceedence is caused by sample matrix interference in the analytical run.

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07431

Lab ID:	**07431-066**		
Client ID:	**FB-19**		
Matrix:	**Aqueous**		
Sampled Date	**7/24/12**		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/L-ppm)*		
Aroclor-1016	ND		0.00002
Aroclor-1221	ND		0.00002
Aroclor-1232	ND		0.00002
Aroclor-1242	ND		0.00002
Aroclor-1248	ND		0.00002
Aroclor-1254	ND		0.00002
Aroclor-1260	ND		0.00002
Aroclor-1262	ND		0.00002
Aroclor-1268	ND		0.00002
PCBs	ND		0.00002

Lab ID:	**07431-001**		**07431-002**		**07431-003**		**07431-004**	
Client ID:	**X-32 (0-2.0)**		**X-32 (2.0-3.0)**		**X-32 (3.0-4.0)**		**X-32 (4.0-4.75)**	
Depth:	**0/2**		**2/3**		**3/4**		**4/4.75**	
Matrix:	**Soil**		**Soil**		**Soil**		**Soil**	
Sampled Date	**7/24/12**		**7/24/12**		**7/24/12**		**7/24/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		17.6	ND		1.82	ND		0.226	ND		0.047
Aroclor-1221	ND		17.6	ND		1.82	ND		0.226	ND		0.047
Aroclor-1232	ND		17.6	ND		1.82	ND		0.226	ND		0.047
Aroclor-1242	ND		17.6	ND		1.82	ND		0.226	ND		0.047
Aroclor-1248	74.0		17.6	ND		1.82	ND		0.226	ND		0.047
Aroclor-1254	ND		17.6	54.7		1.82	ND		0.226	ND		0.047
Aroclor-1260	ND		17.6	66.5		1.82	ND		0.226	ND		0.047
Aroclor-1262	ND		17.6	ND		1.82	ND		0.226	ND		0.047
Aroclor-1268	ND		17.6	ND		1.82	ND		0.226	ND		0.047
PCBs	74.0		17.6	121		1.82	ND		0.226	ND		0.047

Lab ID:	**07431-005**		**07431-006**		**07431-007**		**07431-008**	
Client ID:	**X-32 (4.75-6.0)**		**X-31 (0-2.0)**		**X-31 (2.0-4.0)**		**X-31 (4.0-4.75)**	
Depth:	**4.75/6**		**0/2**		**2/4**		**4/4.75**	
Matrix:	**Soil**		**Soil**		**Soil**		**Soil**	
Sampled Date	**7/24/12**		**7/24/12**		**7/24/12**		**7/24/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.020	ND		1.55	ND		0.243	ND		0.070
Aroclor-1221	ND		0.020	ND		1.55	ND		0.243	ND		0.070
Aroclor-1232	ND		0.020	ND		1.55	ND		0.243	ND		0.070
Aroclor-1242	ND		0.020	ND		1.55	ND		0.243	ND		0.070
Aroclor-1248	ND		0.020	33.0		1.55	ND		0.243	ND		0.070
Aroclor-1254	ND		0.020	ND		1.55	ND		0.243	ND		0.070
Aroclor-1260	ND		0.020	28.6		1.55	ND		0.243	ND		0.070
Aroclor-1262	ND		0.020	ND		1.55	ND		0.243	ND		0.070
Aroclor-1268	ND		0.020	ND		1.55	ND		0.243	ND		0.070
PCBs	ND		0.020	61.6		1.55	ND		0.243	ND		0.070

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07431

Lab ID:	07431-009			07431-010			07431-011			07431-012		
Client ID:	X-31 (4.75-6.0)			X-31 (6.0-8.0)			X-29 (0-2.0)			X-29 (2.0-3.0)		
Depth:	4.75/6			6/8			0/2			2/3		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.231	ND		0.018	ND		1.65	ND		0.020
Aroclor-1221	ND		0.231	ND		0.018	ND		1.65	ND		0.020
Aroclor-1232	ND		0.231	ND		0.018	ND		1.65	ND		0.020
Aroclor-1242	ND		0.231	ND		0.018	ND		1.65	ND		0.020
Aroclor-1248	ND		0.231	ND		0.018	23.4		1.65	ND		0.020
Aroclor-1254	ND		0.231	ND		0.018	ND		1.65	ND		0.020
Aroclor-1260	ND		0.231	ND		0.018	10.0		1.65	ND		0.020
Aroclor-1262	ND		0.231	ND		0.018	ND		1.65	ND		0.020
Aroclor-1268	ND		0.231	ND		0.018	ND		1.65	ND		0.020
PCBs	ND		0.231	ND		0.018	33.4		1.65	ND		0.020

Lab ID:	07431-013			07431-014			07431-015			07431-016		
Client ID:	X-29 (3.0-4.0)			X-29 (4.0-6.0)			X-34 (0-2.0)			X-34 (2.0-3.0)		
Depth:	3/4			4/6			0/2			2/3		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.040	ND		0.018	ND		18.2	ND		2.23
Aroclor-1221	ND		0.040	ND		0.018	ND		18.2	ND		2.23
Aroclor-1232	ND		0.040	ND		0.018	ND		18.2	ND		2.23
Aroclor-1242	ND		0.040	ND		0.018	ND		18.2	ND		2.23
Aroclor-1248	ND		0.040	ND		0.018	ND		18.2	ND		2.23
Aroclor-1254	ND		0.040	ND		0.018	170		18.2	19.8		2.23
Aroclor-1260	ND		0.040	ND		0.018	ND		18.2	ND		2.23
Aroclor-1262	ND		0.040	ND		0.018	107		18.2	29.6		2.23
Aroclor-1268	ND		0.040	ND		0.018	ND		18.2	ND		2.23
PCBs	ND		0.040	ND		0.018	277		18.2	49.4		2.23

Lab ID:	07431-017			07431-018			07431-019			07431-020		
Client ID:	X-34 (3.0-4.0)			X-34 (4.0-6.0)			X-35 (0-1.5)			X-35 (2.0-3.25)		
Depth:	3/4			4/6			0/1.5			2/3.25		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.045	ND		0.020	ND		0.171	ND		0.227
Aroclor-1221	ND		0.045	ND		0.020	ND		0.171	ND		0.227
Aroclor-1232	ND		0.045	ND		0.020	ND		0.171	ND		0.227
Aroclor-1242	ND		0.045	ND		0.020	ND		0.171	ND		0.227
Aroclor-1248	ND		0.045	ND		0.020	30.5		0.171	ND		0.227
Aroclor-1254	ND		0.045	ND		0.020	ND		0.171	67.7		0.227
Aroclor-1260	ND		0.045	ND		0.020	8.91		0.171	ND		0.227
Aroclor-1262	ND		0.045	ND		0.020	ND		0.171	31.3		0.227
Aroclor-1268	ND		0.045	ND		0.020	ND		0.171	ND		0.227
PCBs	ND		0.045	ND		0.020	39.4		0.171	99.0		0.227

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07431

Lab ID:	07431-021			07431-022			07431-023			07431-024		
Client ID:	X-35 (3.25-4.0)			X-35 (4.0-6.0)			X-37 (0-2.0)			X-37 (2.0-4.0)		
Depth:	3.25/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.073	ND		0.018	ND		17.1	ND		33.9
Aroclor-1221	ND		0.073	ND		0.018	ND		17.1	ND		33.9
Aroclor-1232	ND		0.073	ND		0.018	ND		17.1	ND		33.9
Aroclor-1242	ND		0.073	ND		0.018	ND		17.1	ND		33.9
Aroclor-1248	ND		0.073	ND		0.018	ND		17.1	ND		33.9
Aroclor-1254	ND		0.073	ND		0.018	ND		17.1	ND		33.9
Aroclor-1260	ND		0.073	ND		0.018	183		17.1	ND		33.9
Aroclor-1262	ND		0.073	ND		0.018	ND		17.1	316		33.9
Aroclor-1268	ND		0.073	ND		0.018	ND		17.1	ND		33.9
PCBs	ND		0.073	ND		0.018	183		17.1	316		33.9

Lab ID:	07431-025			07431-026			07431-027			07431-028		
Client ID:	X-37 (4.0-4.75)			X-37 (4.75-6.0)			Y-37 (0-2.0)			Y-37 (2.0-2.75)		
Depth:	4/4.75			4.75/6			0/2			2/2.75		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.027	ND		0.020	ND		21.3	ND		0.214
Aroclor-1221	ND		0.027	ND		0.020	ND		21.3	ND		0.214
Aroclor-1232	ND		0.027	ND		0.020	ND		21.3	ND		0.214
Aroclor-1242	ND		0.027	ND		0.020	ND		21.3	ND		0.214
Aroclor-1248	ND		0.027	ND		0.020	ND		21.3	ND		0.214
Aroclor-1254	ND		0.027	ND		0.020	ND		21.3	54.7		0.214
Aroclor-1260	ND		0.027	ND		0.020	1660		21.3	90.5		0.214
Aroclor-1262	0.850		0.027	0.531		0.020	ND		21.3	ND		0.214
Aroclor-1268	ND		0.027	ND		0.020	ND		21.3	ND		0.214
PCBs	0.850		0.027	0.531		0.020	1660		21.3	145		0.214

Lab ID:	07431-029			07431-030			07431-031			07431-032		
Client ID:	Y-37 (2.75-4.0)			Y-37 (4.0-6.0)			U-36 (0-2.0)			U-36 (2.0-4.0)		
Depth:	2.75/4			4/6			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		22.1	ND		0.020	ND		0.188	ND		0.018
Aroclor-1221	ND		22.1	ND		0.020	ND		0.188	ND		0.018
Aroclor-1232	ND		22.1	ND		0.020	ND		0.188	ND		0.018
Aroclor-1242	ND		22.1	ND		0.020	ND		0.188	ND		0.018
Aroclor-1248	ND		22.1	ND		0.020	56.6		0.188	ND		0.018
Aroclor-1254	ND		22.1	1.10		0.020	ND		0.188	ND		0.018
Aroclor-1260	1280		22.1	3.15		0.020	45.4		0.188	0.175		0.018
Aroclor-1262	ND		22.1	ND		0.020	ND		0.188	ND		0.018
Aroclor-1268	ND		22.1	ND		0.020	ND		0.188	ND		0.018
PCBs	1280		22.1	4.25		0.020	102		0.188	0.175		0.018

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07431

Lab ID:	07431-033			07431-034			07431-035			07431-036		
Client ID:	U-36 (4.0-5.0)			U-36 (5.0-6.0)			U-37 (0-2.0)			U-37 (2.0-3.0)		
Depth:	4/5			5/6			0/2			2/3		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.089	ND		0.020	ND		0.187	ND		20.7
Aroclor-1221	ND		0.089	ND		0.020	ND		0.187	ND		20.7
Aroclor-1232	ND		0.089	ND		0.020	ND		0.187	ND		20.7
Aroclor-1242	ND		0.089	ND		0.020	ND		0.187	ND		20.7
Aroclor-1248	ND		0.089	ND		0.020	ND		0.187	ND		20.7
Aroclor-1254	ND		0.089	ND		0.020	30.4		0.187	ND		20.7
Aroclor-1260	ND		0.089	ND		0.020	49.6		0.187	1260		20.7
Aroclor-1262	ND		0.089	ND		0.020	ND		0.187	ND		20.7
Aroclor-1268	ND		0.089	ND		0.020	ND		0.187	ND		20.7
PCBs	ND		0.089	ND		0.020	80.0		0.187	1260		20.7

Lab ID:	07431-037			07431-038			07431-039			07431-040		
Client ID:	U-37 (3.0-4.0)			U-37 (4.0-5.25)			U-37 (5.25-6.0)			U-38 (0-1.75)		
Depth:	3/4			4/5.25			5.25/6			0/1.75		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.345	ND		0.067	ND		0.020	ND		1.77
Aroclor-1221	ND		0.345	ND		0.067	ND		0.020	ND		1.77
Aroclor-1232	ND		0.345	ND		0.067	ND		0.020	ND		1.77
Aroclor-1242	ND		0.345	ND		0.067	ND		0.020	ND		1.77
Aroclor-1248	ND		0.345	ND		0.067	ND		0.020	93.2		1.77
Aroclor-1254	ND		0.345	ND		0.067	ND		0.020	ND		1.77
Aroclor-1260	ND		0.345	ND		0.067	ND		0.020	30.3		1.77
Aroclor-1262	7.94		0.345	2.98		0.067	6.66		0.020	ND		1.77
Aroclor-1268	ND		0.345	ND		0.067	ND		0.020	ND		1.77
PCBs	7.94		0.345	2.98		0.067	6.66		0.020	124		1.77

Lab ID:	07431-041			07431-042			07431-043			07431-044		
Client ID:	U-38 (2.0-4.0)			U-38 (4.0-4.5)			U-38 (4.5-5.25)			U-38 (5.25-6.0)		
Depth:	2/4			4/4.5			4.5/5.25			5.25/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		21.6	ND		24.2	ND		0.044	ND		2.04
Aroclor-1221	ND		21.6	ND		24.2	ND		0.044	ND		2.04
Aroclor-1232	ND		21.6	ND		24.2	ND		0.044	ND		2.04
Aroclor-1242	ND		21.6	ND		24.2	ND		0.044	ND		2.04
Aroclor-1248	ND		21.6	ND		24.2	ND		0.044	ND		2.04
Aroclor-1254	ND		21.6	ND		24.2	ND		0.044	ND		2.04
Aroclor-1260	4490		21.6	1470		24.2	0.480		0.044	163		2.04
Aroclor-1262	ND		21.6	ND		24.2	ND		0.044	ND		2.04
Aroclor-1268	ND		21.6	ND		24.2	ND		0.044	ND		2.04
PCBs	4490		21.6	1470		24.2	0.480		0.044	163		2.04

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07431

Lab ID:	**07431-045**			**07431-046**			**07431-047**			**07431-048**		
Client ID:	**T-38 (0-2.0)**			**T-38 (2.0-4.0)**			**T-38 (4.0-5.0)**			**T-38 (5.0-6.0)**		
Depth:	**0/2**			**2/4**			**4/5**			**5/6**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**7/24/12**			**7/24/12**			**7/24/12**			**7/24/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		1.65	ND		22.1	ND		0.071	ND		0.021
Aroclor-1221	ND		1.65	ND		22.1	ND		0.071	ND		0.021
Aroclor-1232	ND		1.65	ND		22.1	ND		0.071	ND		0.021
Aroclor-1242	ND		1.65	ND		22.1	ND		0.071	ND		0.021
Aroclor-1248	36.9		1.65	ND		22.1	ND		0.071	ND		0.021
Aroclor-1254	ND		1.65	ND		22.1	ND		0.071	ND		0.021
Aroclor-1260	41.4		1.65	9250		22.1	0.952		0.071	ND		0.021
Aroclor-1262	ND		1.65	ND		22.1	ND		0.071	ND		0.021
Aroclor-1268	ND		1.65	ND		22.1	ND		0.071	ND		0.021
PCBs	78.3		1.65	9250		22.1	0.952		0.071	ND		0.021

Lab ID:	**07431-049**			**07431-050**			**07431-051**			**07431-052**		
Client ID:	**T-37 (0-2.0)**			**T-37 (2.0-4.0)**			**T-37 (4.0-6.0)**			**T-37 (6.0-7.0)**		
Depth:	**0/2**			**2/4**			**4/6**			**6/7**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**7/24/12**			**7/24/12**			**7/24/12**			**7/24/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		2.00	ND		2.45	ND		0.017	ND		0.041
Aroclor-1221	ND		2.00	ND		2.45	ND		0.017	ND		0.041
Aroclor-1232	ND		2.00	ND		2.45	ND		0.017	ND		0.041
Aroclor-1242	ND		2.00	ND		2.45	ND		0.017	ND		0.041
Aroclor-1248	ND		2.00	ND		2.45	ND		0.017	ND		0.041
Aroclor-1254	ND		2.00	123		2.45	0.078		0.017	0.494		0.041
Aroclor-1260	310		2.00	ND		2.45	ND		0.017	ND		0.041
Aroclor-1262	ND		2.00	ND		2.45	ND		0.017	ND		0.041
Aroclor-1268	ND		2.00	ND		2.45	ND		0.017	ND		0.041
PCBs	310		2.00	123		2.45	0.078		0.017	0.494		0.041

Lab ID:	**07431-053**			**07431-054**			**07431-055**			**07431-056**		
Client ID:	**T-37 (7.0-8.0)**			**T-36 (0-2.0)**			**T-36 (2.0-4.0)**			**T-36 (4.0-4.5)**		
Depth:	**7/8**			**0/2**			**2/4**			**4/4.5**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**7/24/12**			**7/24/12**			**7/24/12**			**7/24/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.018	ND		0.186	ND		0.018	ND		0.062
Aroclor-1221	ND		0.018	ND		0.186	ND		0.018	ND		0.062
Aroclor-1232	ND		0.018	ND		0.186	ND		0.018	ND		0.062
Aroclor-1242	ND		0.018	ND		0.186	ND		0.018	ND		0.062
Aroclor-1248	ND		0.018	ND		0.186	ND		0.018	ND		0.062
Aroclor-1254	ND		0.018	28.2		0.186	ND		0.018	ND		0.062
Aroclor-1260	ND		0.018	25.2		0.186	ND		0.018	ND		0.062
Aroclor-1262	ND		0.018	ND		0.186	ND		0.018	ND		0.062
Aroclor-1268	ND		0.018	ND		0.186	ND		0.018	ND		0.062
PCBs	ND		0.018	53.4		0.186	ND		0.018	ND		0.062

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07431

Lab ID:	07431-057			07431-058			07431-059			07431-060		
Client ID:	T-36 (4.5-6.0)			S-36 (0-2.0)			S-36 (2.0-4.0)			S-36 (4.0-5.0)		
Depth:	4.5/6			0/2			2/4			4/5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.021	ND		0.194	ND		0.018	ND		0.059
Aroclor-1221	ND		0.021	ND		0.194	ND		0.018	ND		0.059
Aroclor-1232	ND		0.021	ND		0.194	ND		0.018	ND		0.059
Aroclor-1242	ND		0.021	ND		0.194	ND		0.018	ND		0.059
Aroclor-1248	ND		0.021	ND		0.194	ND		0.018	ND		0.059
Aroclor-1254	ND		0.021	22.9		0.194	ND		0.018	ND		0.059
Aroclor-1260	ND		0.021	10.3		0.194	ND		0.018	ND		0.059
Aroclor-1262	ND		0.021	ND		0.194	ND		0.018	ND		0.059
Aroclor-1268	ND		0.021	ND		0.194	ND		0.018	ND		0.059
PCBs	ND		0.021	33.2		0.194	ND		0.018	ND		0.059

Lab ID:	07431-061			07431-062			07431-063			07431-064		
Client ID:	S-36 (5.0-6.0)			S-37 (0-2.0)			S-37 (2.0-4.0)			S-37 (4.0-5.0)		
Depth:	5/6			0/2			2/4			4/5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.020	ND		17.4	ND		0.018	ND		0.074
Aroclor-1221	ND		0.020	ND		17.4	ND		0.018	ND		0.074
Aroclor-1232	ND		0.020	ND		17.4	ND		0.018	ND		0.074
Aroclor-1242	ND		0.020	ND		17.4	ND		0.018	ND		0.074
Aroclor-1248	ND		0.020	ND		17.4	0.137		0.018	ND		0.074
Aroclor-1254	ND		0.020	ND		17.4	0.063		0.018	ND		0.074
Aroclor-1260	ND		0.020	ND		17.4	ND		0.018	ND		0.074
Aroclor-1262	ND		0.020	204		17.4	ND		0.018	ND		0.074
Aroclor-1268	ND		0.020	ND		17.4	ND		0.018	ND		0.074
PCBs	ND		0.020	204		17.4	0.200		0.018	ND		0.074

Lab ID:	07431-065			07431-067			07431-068			07431-069		
Client ID:	S-37 (5.0-6.0)			X-30 (0-2.0)			X-30 (2.0-3.5)			X-30 (3.5-4.25)		
Depth:	5/6			0/2			2/3.5			3.5/4.25		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/24/12			7/24/12			7/24/12			7/24/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019	ND		1.73	ND		0.043	ND		0.058
Aroclor-1221	ND		0.019	ND		1.73	ND		0.043	ND		0.058
Aroclor-1232	ND		0.019	ND		1.73	ND		0.043	ND		0.058
Aroclor-1242	ND		0.019	ND		1.73	ND		0.043	ND		0.058
Aroclor-1248	ND		0.019	ND		1.73	ND		0.043	ND		0.058
Aroclor-1254	ND		0.019	13.2		1.73	ND		0.043	ND		0.058
Aroclor-1260	ND		0.019	17.1		1.73	ND		0.043	ND		0.058
Aroclor-1262	ND		0.019	ND		1.73	ND		0.043	ND		0.058
Aroclor-1268	ND		0.019	ND		1.73	ND		0.043	ND		0.058
PCBs	ND		0.019	30.3		1.73	ND		0.043	ND		0.058

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07431

Lab ID:	**07431-070**		
Client ID:	**X-30 (4.25-6.0)**		
Depth:	**4.25/6**		
Matrix:	**Soil**		
Sampled Date	**7/24/12**		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019
Aroclor-1221	ND		0.019
Aroclor-1232	ND		0.019
Aroclor-1242	ND		0.019
Aroclor-1248	ND		0.019
Aroclor-1254	ND		0.019
Aroclor-1260	ND		0.019
Aroclor-1262	ND		0.019
Aroclor-1268	ND		0.019
PCBs	ND		0.019

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-001
Client ID: X-32_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2555.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.15g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 11.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		43.9	17.6
Aroclor-1221	ND		43.9	17.6
Aroclor-1232	ND		43.9	17.6
Aroclor-1242	ND		43.9	17.6
Aroclor-1248	74.0		43.9	17.6
Aroclor-1254	ND		43.9	17.6
Aroclor-1260	ND		43.9	17.6
Aroclor-1262	ND		43.9	17.6
Aroclor-1268	ND		43.9	17.6
PCBs	74.0		43.9	17.6

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-002
Client ID: X-32_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2556.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 16.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.56	1.82
Aroclor-1221	ND		4.56	1.82
Aroclor-1232	ND		4.56	1.82
Aroclor-1242	ND		4.56	1.82
Aroclor-1248	ND		4.56	1.82
Aroclor-1254	54.7		4.56	1.82
Aroclor-1260	66.5		4.56	1.82
Aroclor-1262	ND		4.56	1.82
Aroclor-1268	ND		4.56	1.82
PCBs	121		4.56	1.82

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-003
Client ID: X-32_(3.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2599.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.58g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 36.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.565	0.226
Aroclor-1221	ND		0.565	0.226
Aroclor-1232	ND		0.565	0.226
Aroclor-1242	ND		0.565	0.226
Aroclor-1248	ND		0.565	0.226
Aroclor-1254	ND		0.565	0.226
Aroclor-1260	ND		0.565	0.226
Aroclor-1262	ND		0.565	0.226
Aroclor-1268	ND		0.565	0.226
PCBs	ND		0.565	0.226

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-004
Client ID: X-32_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2558.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 67.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.118	0.047
Aroclor-1221	ND		0.118	0.047
Aroclor-1232	ND		0.118	0.047
Aroclor-1242	ND		0.118	0.047
Aroclor-1248	ND		0.118	0.047
Aroclor-1254	ND		0.118	0.047
Aroclor-1260	ND		0.118	0.047
Aroclor-1262	ND		0.118	0.047
Aroclor-1268	ND		0.118	0.047
PCBs	ND		0.118	0.047

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-005
Client ID: X-32_(4.75
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2559.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	ND		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-006
Client ID: X-31_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2560.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.56g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 7.40

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.88	1.55
Aroclor-1221	ND		3.88	1.55
Aroclor-1232	ND		3.88	1.55
Aroclor-1242	ND		3.88	1.55
Aroclor-1248	33.0		3.88	1.55
Aroclor-1254	ND		3.88	1.55
Aroclor-1260	28.6		3.88	1.55
Aroclor-1262	ND		3.88	1.55
Aroclor-1268	ND		3.88	1.55
PCBs	61.6		3.88	1.55

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-007
Client ID: X-31_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2600.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.21g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 36.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.607	0.243
Aroclor-1221	ND		0.607	0.243
Aroclor-1232	ND		0.607	0.243
Aroclor-1242	ND		0.607	0.243
Aroclor-1248	ND		0.607	0.243
Aroclor-1254	ND		0.607	0.243
Aroclor-1260	ND		0.607	0.243
Aroclor-1262	ND		0.607	0.243
Aroclor-1268	ND		0.607	0.243
PCBs	ND		0.607	0.243

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-008
Client ID: X-31_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2601.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.15g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.174	0.070
Aroclor-1221	ND		0.174	0.070
Aroclor-1232	ND		0.174	0.070
Aroclor-1242	ND		0.174	0.070
Aroclor-1248	ND		0.174	0.070
Aroclor-1254	ND		0.174	0.070
Aroclor-1260	ND		0.174	0.070
Aroclor-1262	ND		0.174	0.070
Aroclor-1268	ND		0.174	0.070
PCBs	ND		0.174	0.070

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-009
Client ID: X-31_(4.75
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2602.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 31.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.576	0.231
Aroclor-1221	ND		0.576	0.231
Aroclor-1232	ND		0.576	0.231
Aroclor-1242	ND		0.576	0.231
Aroclor-1248	ND		0.576	0.231
Aroclor-1254	ND		0.576	0.231
Aroclor-1260	ND		0.576	0.231
Aroclor-1262	ND		0.576	0.231
Aroclor-1268	ND		0.576	0.231
PCBs	ND		0.576	0.231

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-010
Client ID: X-31_(6.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2564.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-011
Client ID: X-29_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2565.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.68g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 14.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.11	1.65
Aroclor-1221	ND		4.11	1.65
Aroclor-1232	ND		4.11	1.65
Aroclor-1242	ND		4.11	1.65
Aroclor-1248	23.4		4.11	1.65
Aroclor-1254	ND		4.11	1.65
Aroclor-1260	10.0		4.11	1.65
Aroclor-1262	ND		4.11	1.65
Aroclor-1268	ND		4.11	1.65
PCBs	33.4		4.11	1.65

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-012
Client ID: X-29_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2566.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	ND		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-013
Client ID: X-29_(3.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2567.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.67g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 65.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.101	0.040
Aroclor-1221	ND		0.101	0.040
Aroclor-1232	ND		0.101	0.040
Aroclor-1242	ND		0.101	0.040
Aroclor-1248	ND		0.101	0.040
Aroclor-1254	ND		0.101	0.040
Aroclor-1260	ND		0.101	0.040
Aroclor-1262	ND		0.101	0.040
Aroclor-1268	ND		0.101	0.040
PCBs	ND		0.101	0.040

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-014
Client ID: X-29_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/11/2012
Data file: R2736.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.61g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 19.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-015
Client ID: X-34_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2571.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.54g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 20.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		45.6	18.2
Aroclor-1221	ND		45.6	18.2
Aroclor-1232	ND		45.6	18.2
Aroclor-1242	ND		45.6	18.2
Aroclor-1248	ND		45.6	18.2
Aroclor-1254	170		45.6	18.2
Aroclor-1260	ND		45.6	18.2
Aroclor-1262	107		45.6	18.2
Aroclor-1268	ND		45.6	18.2
PCBs	277		45.6	18.2

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-016
Client ID: X-34_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2603.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 30.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.59	2.23
Aroclor-1221	ND		5.59	2.23
Aroclor-1232	ND		5.59	2.23
Aroclor-1242	ND		5.59	2.23
Aroclor-1248	ND		5.59	2.23
Aroclor-1254	19.8		5.59	2.23
Aroclor-1260	ND		5.59	2.23
Aroclor-1262	29.6		5.59	2.23
Aroclor-1268	ND		5.59	2.23
PCBs	49.4		5.59	2.23

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-017
Client ID: X-34_(3.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2573.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 64.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.111	0.045
Aroclor-1221	ND		0.111	0.045
Aroclor-1232	ND		0.111	0.045
Aroclor-1242	ND		0.111	0.045
Aroclor-1248	ND		0.111	0.045
Aroclor-1254	ND		0.111	0.045
Aroclor-1260	ND		0.111	0.045
Aroclor-1262	ND		0.111	0.045
Aroclor-1268	ND		0.111	0.045
PCBs	ND		0.111	0.045

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-018
Client ID: X-34_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2574.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	ND		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	ND		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-019
Client ID: X-35_(0-1.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2604.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.428	0.171
Aroclor-1221	ND		0.428	0.171
Aroclor-1232	ND		0.428	0.171
Aroclor-1242	ND		0.428	0.171
Aroclor-1248	30.5		0.428	0.171
Aroclor-1254	ND		0.428	0.171
Aroclor-1260	8.91		0.428	0.171
Aroclor-1262	ND		0.428	0.171
Aroclor-1268	ND		0.428	0.171
PCBs	39.4		0.428	0.171

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-020
Client ID: X-35_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: R2605.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 34.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.567	0.227
Aroclor-1221	ND		0.567	0.227
Aroclor-1232	ND		0.567	0.227
Aroclor-1242	ND		0.567	0.227
Aroclor-1248	ND		0.567	0.227
Aroclor-1254	67.7		0.567	0.227
Aroclor-1260	ND		0.567	0.227
Aroclor-1262	31.3		0.567	0.227
Aroclor-1268	ND		0.567	0.227
PCBs	99.0		0.567	0.227

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-021
Client ID: X-35_(3.25
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/03/2012
Data file: Y7852.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 78.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.183	0.073
Aroclor-1221	ND		0.183	0.073
Aroclor-1232	ND		0.183	0.073
Aroclor-1242	ND		0.183	0.073
Aroclor-1248	ND		0.183	0.073
Aroclor-1254	ND		0.183	0.073
Aroclor-1260	ND		0.183	0.073
Aroclor-1262	ND		0.183	0.073
Aroclor-1268	ND		0.183	0.073
PCBs	ND		0.183	0.073

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-022
Client ID: X-35_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/03/2012
Data file: Y7853.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.63g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-023
Client ID: X-37_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/04/2012
Data file: Y7927.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.56g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 15.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		42.7	17.1
Aroclor-1221	ND		42.7	17.1
Aroclor-1232	ND		42.7	17.1
Aroclor-1242	ND		42.7	17.1
Aroclor-1248	ND		42.7	17.1
Aroclor-1254	ND		42.7	17.1
Aroclor-1260	183		42.7	17.1
Aroclor-1262	ND		42.7	17.1
Aroclor-1268	ND		42.7	17.1
PCBs	183		42.7	17.1

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-024
Client ID: X-37_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/04/2012
Data file: Y7928.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.37g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 56.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		84.8	33.9
Aroclor-1221	ND		84.8	33.9
Aroclor-1232	ND		84.8	33.9
Aroclor-1242	ND		84.8	33.9
Aroclor-1248	ND		84.8	33.9
Aroclor-1254	ND		84.8	33.9
Aroclor-1260	ND		84.8	33.9
Aroclor-1262	316		84.8	33.9
Aroclor-1268	ND		84.8	33.9
PCBs	316		84.8	33.9

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-025
Client ID: X-37_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/04/2012
Data file: Y7929.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 43.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.069	0.027
Aroclor-1221	ND		0.069	0.027
Aroclor-1232	ND		0.069	0.027
Aroclor-1242	ND		0.069	0.027
Aroclor-1248	ND		0.069	0.027
Aroclor-1254	ND		0.069	0.027
Aroclor-1260	ND		0.069	0.027
Aroclor-1262	0.850		0.069	0.027
Aroclor-1268	ND		0.069	0.027
PCBs	0.850		0.069	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-026
Client ID: X-37_(4.75
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8215.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	0.531		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	0.531		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-027
Client ID: Y-37_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8243.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 25.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		53.4	21.3
Aroclor-1221	ND		53.4	21.3
Aroclor-1232	ND		53.4	21.3
Aroclor-1242	ND		53.4	21.3
Aroclor-1248	ND		53.4	21.3
Aroclor-1254	ND		53.4	21.3
Aroclor-1260	1660		53.4	21.3
Aroclor-1262	ND		53.4	21.3
Aroclor-1268	ND		53.4	21.3
PCBs	1660		53.4	21.3

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-028
Client ID: Y-37_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8217.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 26.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.535	0.214
Aroclor-1221	ND		0.535	0.214
Aroclor-1232	ND		0.535	0.214
Aroclor-1242	ND		0.535	0.214
Aroclor-1248	ND		0.535	0.214
Aroclor-1254	54.7		0.535	0.214
Aroclor-1260	90.5		0.535	0.214
Aroclor-1262	ND		0.535	0.214
Aroclor-1268	ND		0.535	0.214
PCBs	145		0.535	0.214

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-029
Client ID: Y-37_(2.75
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8244.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 29.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		55.2	22.1
Aroclor-1221	ND		55.2	22.1
Aroclor-1232	ND		55.2	22.1
Aroclor-1242	ND		55.2	22.1
Aroclor-1248	ND		55.2	22.1
Aroclor-1254	ND		55.2	22.1
Aroclor-1260	1280		55.2	22.1
Aroclor-1262	ND		55.2	22.1
Aroclor-1268	ND		55.2	22.1
PCBs	1280		55.2	22.1

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-030
Client ID: Y-37_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8219.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	1.10		0.049	0.020
Aroclor-1260	3.15		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	4.25		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-031
Client ID: U-36_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8220.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 18.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.471	0.188
Aroclor-1221	ND		0.471	0.188
Aroclor-1232	ND		0.471	0.188
Aroclor-1242	ND		0.471	0.188
Aroclor-1248	56.6		0.471	0.188
Aroclor-1254	ND		0.471	0.188
Aroclor-1260	45.4		0.471	0.188
Aroclor-1262	ND		0.471	0.188
Aroclor-1268	ND		0.471	0.188
PCBs	102		0.471	0.188

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-032
Client ID: U-36_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8221.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	ND		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	0.175		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.175		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-033
Client ID: U-36_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8222.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 82.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.221	0.089
Aroclor-1221	ND		0.221	0.089
Aroclor-1232	ND		0.221	0.089
Aroclor-1242	ND		0.221	0.089
Aroclor-1248	ND		0.221	0.089
Aroclor-1254	ND		0.221	0.089
Aroclor-1260	ND		0.221	0.089
Aroclor-1262	ND		0.221	0.089
Aroclor-1268	ND		0.221	0.089
PCBs	ND		0.221	0.089

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-034
Client ID: U-36_(5.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8223.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.15g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	ND		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-035
Client ID: U-37_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8224.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.62g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 23.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.467	0.187
Aroclor-1221	ND		0.467	0.187
Aroclor-1232	ND		0.467	0.187
Aroclor-1242	ND		0.467	0.187
Aroclor-1248	ND		0.467	0.187
Aroclor-1254	30.4		0.467	0.187
Aroclor-1260	49.6		0.467	0.187
Aroclor-1262	ND		0.467	0.187
Aroclor-1268	ND		0.467	0.187
PCBs	80.0		0.467	0.187

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-036
Client ID: U-37_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8245.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 23.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		51.9	20.7
Aroclor-1221	ND		51.9	20.7
Aroclor-1232	ND		51.9	20.7
Aroclor-1242	ND		51.9	20.7
Aroclor-1248	ND		51.9	20.7
Aroclor-1254	ND		51.9	20.7
Aroclor-1260	1260		51.9	20.7
Aroclor-1262	ND		51.9	20.7
Aroclor-1268	ND		51.9	20.7
PCBs	1260		51.9	20.7

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-037
Client ID: U-37_(3.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8246.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 54.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.863	0.345
Aroclor-1221	ND		0.863	0.345
Aroclor-1232	ND		0.863	0.345
Aroclor-1242	ND		0.863	0.345
Aroclor-1248	ND		0.863	0.345
Aroclor-1254	ND		0.863	0.345
Aroclor-1260	ND		0.863	0.345
Aroclor-1262	7.94		0.863	0.345
Aroclor-1268	ND		0.863	0.345
PCBs	7.94		0.863	0.345

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-038
Client ID: U-37_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8227.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 76.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.167	0.067
Aroclor-1221	ND		0.167	0.067
Aroclor-1232	ND		0.167	0.067
Aroclor-1242	ND		0.167	0.067
Aroclor-1248	ND		0.167	0.067
Aroclor-1254	ND		0.167	0.067
Aroclor-1260	ND		0.167	0.067
Aroclor-1262	2.98		0.167	0.067
Aroclor-1268	ND		0.167	0.067
PCBs	2.98		0.167	0.067

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-039
Client ID: U-37_(5.25
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8228.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	6.66		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	6.66		0.050	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-040
Client ID: U-38_(0-1.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8229.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 12.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.43	1.77
Aroclor-1221	ND		4.43	1.77
Aroclor-1232	ND		4.43	1.77
Aroclor-1242	ND		4.43	1.77
Aroclor-1248	93.2		4.43	1.77
Aroclor-1254	ND		4.43	1.77
Aroclor-1260	30.3		4.43	1.77
Aroclor-1262	ND		4.43	1.77
Aroclor-1268	ND		4.43	1.77
PCBs	124		4.43	1.77

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-041
Client ID: U-38_(2.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8230.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 28.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		54.1	21.6
Aroclor-1221	ND		54.1	21.6
Aroclor-1232	ND		54.1	21.6
Aroclor-1242	ND		54.1	21.6
Aroclor-1248	ND		54.1	21.6
Aroclor-1254	ND		54.1	21.6
Aroclor-1260	4490		54.1	21.6
Aroclor-1262	ND		54.1	21.6
Aroclor-1268	ND		54.1	21.6
PCBs	4490		54.1	21.6

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-042
Client ID: U-38_(4.0-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8231.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 34.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		60.6	24.2
Aroclor-1221	ND		60.6	24.2
Aroclor-1232	ND		60.6	24.2
Aroclor-1242	ND		60.6	24.2
Aroclor-1248	ND		60.6	24.2
Aroclor-1254	ND		60.6	24.2
Aroclor-1260	1470		60.6	24.2
Aroclor-1262	ND		60.6	24.2
Aroclor-1268	ND		60.6	24.2
PCBs	1470		60.6	24.2

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-043
Client ID: U-38_(4.5-
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8232.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 67.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.111	0.044
Aroclor-1221	ND		0.111	0.044
Aroclor-1232	ND		0.111	0.044
Aroclor-1242	ND		0.111	0.044
Aroclor-1248	ND		0.111	0.044
Aroclor-1254	ND		0.111	0.044
Aroclor-1260	0.480		0.111	0.044
Aroclor-1262	ND		0.111	0.044
Aroclor-1268	ND		0.111	0.044
PCBs	0.480		0.111	0.044

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-044
Client ID: U-38_(5.25
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8247.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 27.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.09	2.04
Aroclor-1221	ND		5.09	2.04
Aroclor-1232	ND		5.09	2.04
Aroclor-1242	ND		5.09	2.04
Aroclor-1248	ND		5.09	2.04
Aroclor-1254	ND		5.09	2.04
Aroclor-1260	163		5.09	2.04
Aroclor-1262	ND		5.09	2.04
Aroclor-1268	ND		5.09	2.04
PCBs	163		5.09	2.04

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-045
Client ID: T-38_(0-2.
Date Received: 07/24/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8234.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 7.90

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.12	1.65
Aroclor-1221	ND		4.12	1.65
Aroclor-1232	ND		4.12	1.65
Aroclor-1242	ND		4.12	1.65
Aroclor-1248	36.9		4.12	1.65
Aroclor-1254	ND		4.12	1.65
Aroclor-1260	41.4		4.12	1.65
Aroclor-1262	ND		4.12	1.65
Aroclor-1268	ND		4.12	1.65
PCBs	78.3		4.12	1.65

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-046
Client ID: T-38_(2.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8112.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.12g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 29.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		55.3	22.1
Aroclor-1221	ND		55.3	22.1
Aroclor-1232	ND		55.3	22.1
Aroclor-1242	ND		55.3	22.1
Aroclor-1248	ND		55.3	22.1
Aroclor-1254	ND		55.3	22.1
Aroclor-1260	9250		55.3	22.1
Aroclor-1262	ND		55.3	22.1
Aroclor-1268	ND		55.3	22.1
PCBs	9250		55.3	22.1

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-047
Client ID: T-38_(4.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8113.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 79.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.177	0.071
Aroclor-1221	ND		0.177	0.071
Aroclor-1232	ND		0.177	0.071
Aroclor-1242	ND		0.177	0.071
Aroclor-1248	ND		0.177	0.071
Aroclor-1254	ND		0.177	0.071
Aroclor-1260	0.952		0.177	0.071
Aroclor-1262	ND		0.177	0.071
Aroclor-1268	ND		0.177	0.071
PCBs	0.952		0.177	0.071

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-048
Client ID: T-38_(5.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8114.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.74g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 32.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	ND		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	ND		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-049
Client ID: T-37_(0-2.
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8115.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 24.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.00	2.00
Aroclor-1221	ND		5.00	2.00
Aroclor-1232	ND		5.00	2.00
Aroclor-1242	ND		5.00	2.00
Aroclor-1248	ND		5.00	2.00
Aroclor-1254	ND		5.00	2.00
Aroclor-1260	310		5.00	2.00
Aroclor-1262	ND		5.00	2.00
Aroclor-1268	ND		5.00	2.00
PCBs	310		5.00	2.00

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-050
Client ID: T-37_(2.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8116.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.69g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 42.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.12	2.45
Aroclor-1221	ND		6.12	2.45
Aroclor-1232	ND		6.12	2.45
Aroclor-1242	ND		6.12	2.45
Aroclor-1248	ND		6.12	2.45
Aroclor-1254	123		6.12	2.45
Aroclor-1260	ND		6.12	2.45
Aroclor-1262	ND		6.12	2.45
Aroclor-1268	ND		6.12	2.45
PCBs	123		6.12	2.45

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-051
Client ID: T-37_(4.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8117.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 10.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.044	0.017
Aroclor-1221	ND		0.044	0.017
Aroclor-1232	ND		0.044	0.017
Aroclor-1242	ND		0.044	0.017
Aroclor-1248	ND		0.044	0.017
Aroclor-1254	0.078		0.044	0.017
Aroclor-1260	ND		0.044	0.017
Aroclor-1262	ND		0.044	0.017
Aroclor-1268	ND		0.044	0.017
PCBs	0.078		0.044	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-052
Client ID: T-37_(6.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8118.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.66g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 65.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.102	0.041
Aroclor-1221	ND		0.102	0.041
Aroclor-1232	ND		0.102	0.041
Aroclor-1242	ND		0.102	0.041
Aroclor-1248	ND		0.102	0.041
Aroclor-1254	0.494		0.102	0.041
Aroclor-1260	ND		0.102	0.041
Aroclor-1262	ND		0.102	0.041
Aroclor-1268	ND		0.102	0.041
PCBs	0.494		0.102	0.041

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-053
Client ID: T-37_(7.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8119.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.63g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-054
Client ID: T-36_(0-2.
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8120.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.71g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 24.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.465	0.186
Aroclor-1221	ND		0.465	0.186
Aroclor-1232	ND		0.465	0.186
Aroclor-1242	ND		0.465	0.186
Aroclor-1248	ND		0.465	0.186
Aroclor-1254	28.2		0.465	0.186
Aroclor-1260	25.2		0.465	0.186
Aroclor-1262	ND		0.465	0.186
Aroclor-1268	ND		0.465	0.186
PCBs	53.4		0.465	0.186

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-055
Client ID: T-36_(2.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8121.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-056
Client ID: T-36_(4.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8122.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.155	0.062
Aroclor-1221	ND		0.155	0.062
Aroclor-1232	ND		0.155	0.062
Aroclor-1242	ND		0.155	0.062
Aroclor-1248	ND		0.155	0.062
Aroclor-1254	ND		0.155	0.062
Aroclor-1260	ND		0.155	0.062
Aroclor-1262	ND		0.155	0.062
Aroclor-1268	ND		0.155	0.062
PCBs	ND		0.155	0.062

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-057
Client ID: T-36_(4.5-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2679.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	ND		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	ND		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	ND		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-058
Client ID: S-36_(0-2.
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: R2733.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 18.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.485	0.194
Aroclor-1221	ND		0.485	0.194
Aroclor-1232	ND		0.485	0.194
Aroclor-1242	ND		0.485	0.194
Aroclor-1248	ND		0.485	0.194
Aroclor-1254	22.9		0.485	0.194
Aroclor-1260	10.3		0.485	0.194
Aroclor-1262	ND		0.485	0.194
Aroclor-1268	ND		0.485	0.194
PCBs	33.2		0.485	0.194

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-059
Client ID: S-36_(2.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2681.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-060
Client ID: S-36_(4.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2682.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.148	0.059
Aroclor-1221	ND		0.148	0.059
Aroclor-1232	ND		0.148	0.059
Aroclor-1242	ND		0.148	0.059
Aroclor-1248	ND		0.148	0.059
Aroclor-1254	ND		0.148	0.059
Aroclor-1260	ND		0.148	0.059
Aroclor-1262	ND		0.148	0.059
Aroclor-1268	ND		0.148	0.059
PCBs	ND		0.148	0.059

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-061
Client ID: S-36_(5.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2683.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-062
Client ID: S-37_(0-2.
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: R2734.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 16.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		43.5	17.4
Aroclor-1221	ND		43.5	17.4
Aroclor-1232	ND		43.5	17.4
Aroclor-1242	ND		43.5	17.4
Aroclor-1248	ND		43.5	17.4
Aroclor-1254	ND		43.5	17.4
Aroclor-1260	ND		43.5	17.4
Aroclor-1262	204		43.5	17.4
Aroclor-1268	ND		43.5	17.4
PCBs	204		43.5	17.4

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-063
Client ID: S-37_(2.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/11/2012
Data file: R2735.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.26g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	0.137		0.044	0.018
Aroclor-1254	0.063		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.200		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-064
Client ID: S-37_(4.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2691.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 78.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.185	0.074
Aroclor-1221	ND		0.185	0.074
Aroclor-1232	ND		0.185	0.074
Aroclor-1242	ND		0.185	0.074
Aroclor-1248	ND		0.185	0.074
Aroclor-1254	ND		0.185	0.074
Aroclor-1260	ND		0.185	0.074
Aroclor-1262	ND		0.185	0.074
Aroclor-1268	ND		0.185	0.074
PCBs	ND		0.185	0.074

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-065
Client ID: S-37_(5.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2692.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	ND		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-066
Client ID: FB-19
Date Received: 07/24/2012
Date Extracted: 07/26/2012
Date Analyzed: 07/31/2012
Data file: Y7726.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-mg/L (ppm)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-067
Client ID: X-30_(0-2.
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2693.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.43g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.33	1.73
Aroclor-1221	ND		4.33	1.73
Aroclor-1232	ND		4.33	1.73
Aroclor-1242	ND		4.33	1.73
Aroclor-1248	ND		4.33	1.73
Aroclor-1254	13.2		4.33	1.73
Aroclor-1260	17.1		4.33	1.73
Aroclor-1262	ND		4.33	1.73
Aroclor-1268	ND		4.33	1.73
PCBs	30.3		4.33	1.73

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-068
Client ID: X-30_(2.0-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2694.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 64.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.108	0.043
Aroclor-1221	ND		0.108	0.043
Aroclor-1232	ND		0.108	0.043
Aroclor-1242	ND		0.108	0.043
Aroclor-1248	ND		0.108	0.043
Aroclor-1254	ND		0.108	0.043
Aroclor-1260	ND		0.108	0.043
Aroclor-1262	ND		0.108	0.043
Aroclor-1268	ND		0.108	0.043
PCBs	ND		0.108	0.043

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-069
Client ID: X-30_(3.5-
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2695.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 73.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.146	0.058
Aroclor-1221	ND		0.146	0.058
Aroclor-1232	ND		0.146	0.058
Aroclor-1242	ND		0.146	0.058
Aroclor-1248	ND		0.146	0.058
Aroclor-1254	ND		0.146	0.058
Aroclor-1260	ND		0.146	0.058
Aroclor-1262	ND		0.146	0.058
Aroclor-1268	ND		0.146	0.058
PCBs	ND		0.146	0.058

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07431-070
Client ID: X-30_(4.25
Date Received: 07/24/2012
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2696.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	ND		0.048	0.019

PCB DATA

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 07/31/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120726-07	AQUEOUS	123		75		116		83	
TWP-1	07327-001	AQUEOUS	51		40		48		42	
EFFLUENT	07216-001	AQUEOUS	87		75		82		87	
ORD-V12-18	07349-001	AQUEOUS	96		81		87		90	
PLA-V12-19	07438-001	AQUEOUS	46		74		62		81	
EO-V12-189	07439-001	AQUEOUS	36		52		49		61	
SUM-V12-19	07440-001	AQUEOUS	74		74		83		76	
FB-18	07371-060	AQUEOUS	99		59		95		69	
FB-19	07431-066	AQUEOUS	102		66		98		71	
PCB	07216-001MS	AQUEOUS	92		82		88		86	
PCB	07216-001MSD	AQUEOUS	86		83		84		89	
PCB	LCSA120726-07	AQUEOUS	107		70		101		75	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/02/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120730-09	SOIL	112		76		101		75	
W-34(3.5-4	07371-053	SOIL	106		88		112		90	
W-34(4.0-6	07371-054	SOIL	112		75		103		79	
X-33(3.0-4	07371-057	SOIL	71		52		86		57	
X-33(4.0-4	07371-058	SOIL	84		60		95		75	
X-33(4.5-6	07371-059	SOIL	85		47		88		60	
S-11/3.5-4	07151-001	SOIL	103		52		98		66	
P-4SW(2)/1	07591-001	SOIL	101		52		95		62	
X-35_(3.25	07431-021	SOIL	100		70		113		84	
X-35_(4.0-	07431-022	SOIL	104		60		100		68	
PCB	07591-001MS	SOIL	98		51		94		64	
PCB	07591-001MSD	SOIL	99		51		94		60	
PCB	LCSS120730-09	SOIL	104		58		95		62	
X-33(0-2.0	07371-055	SOIL	D		D		D		D	
X-33(2.0-3	07371-056	SOIL	96		71		157		67	
CS-204	07372-009	SOIL	50		38		67		54	
CS-222	07372-010	SOIL	53		37		70		51	
X-37_(0-2.	07431-023	SOIL	D		D		D		D	
X-37_(2.0-	07431-024	SOIL	D		D		D		D	
X-37_(4.0-	07431-025	SOIL	104		48		109		58	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/07/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120801-07	SOIL	98		50		93		52	
T-20	07635-020	SOLID	86		46		89		54	
T-21	07635-021	SOLID	92		50		88		53	
T-22	07635-022	SOLID	88		44		89		57	
REP072612	07635-023	SOLID	92		49		91		57	
PK-2/0.5-1	07263-002	SOIL	93		51		92		59	
PK-3/0.5-1	07263-003	SOIL	98		52		92		56	
PK-4/0.5-1	07263-004	SOIL	99		53		93		58	
WC-1	07424-001	SOIL	89		56		93		61	
WASTE_SOIL	07428-001	SOIL	97		57		93		60	
T-38_(2.0-	07431-046	SOIL	D		D		D		D	
T-38_(4.0-	07431-047	SOIL	82		74		105		82	
T-38_(5.0-	07431-048	SOIL	99		53		98		62	
T-37_(0-2.	07431-049	SOIL	D		D		D		D	
T-37_(2.0-	07431-050	SOIL	D		D		D		D	
T-37_(4.0-	07431-051	SOIL	101		56		96		58	
T-37_(6.0-	07431-052	SOIL	113		71		119		79	
T-37_(7.0-	07431-053	SOIL	102		49		99		52	
T-36_(0-2.	07431-054	SOIL	102		82		99		62	
T-36_(2.0-	07431-055	SOIL	101		63		97		66	
T-36_(4.0-	07431-056	SOIL	118		74		119		78	
PCB	07431-056MS	SOIL	117		69		118		75	
PCB	07431-056MSD	SOIL	116		65		117		79	
PCB	LCSS120801-07	SOIL	104		53		98		59	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/08/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120730-10	SOIL	129		66		111		60	
X-32_(0-2.	07431-001	SOIL	D		D		D		D	
X-32_(2.0-	07431-002	SOIL	D		D		D		D	
X-32_(4.0-	07431-004	SOIL	118		103		109		64	
X-32_(4.75	07431-005	SOIL	M		103		141		75	
X-31_(0-2.	07431-006	SOIL	D		D		D		D	
X-31_(6.0-	07431-010	SOIL	115		82		99		81	
X-29_(0-2.	07431-011	SOIL	D		D		D		D	
X-29_(2.0-	07431-012	SOIL	M		144		156		99	
X-29_(3.0-	07431-013	SOIL	158		166		159		111	
X-34_(0-2.	07431-015	SOIL	D		D		D		D	
X-34_(3.0-	07431-017	SOIL	127		121		126		84	
X-34_(4.0-	07431-018	SOIL	155		100		136		80	
PCB	07431-010MS	SOIL	110		100		99		83	
PCB	07431-010MSD	SOIL	132		112		121		101	
PCB	LCSS120730-10	SOIL	127		73		107		61	
X-32_(3.0-	07431-003	SOIL	111		82		66		43	
X-31_(2.0-	07431-007	SOIL	83		78		71		37	
X-31_(4.0-	07431-008	SOIL	92		74		76		51	
X-31_(4.75	07431-009	SOIL	74		56		60		31	
X-34_(2.0-	07431-016	SOIL	D		D		D		D	
X-35_(0-1.	07431-019	SOIL	129		72		113		77	
X-35_(2.0-	07431-020	SOIL	69		155		57		105	
X-29_(4.0-	07431-014	SOIL	M		150		M		148	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/09/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120730-11	SOIL	109		104		101		103	
X-37_(4.75	07431-026	SOIL	156		167		159		139	
Y-37_(2.0-	07431-028	SOIL	123		M		116		139	
Y-37_(4.0-	07431-030	SOIL	145		129		139		124	
U-36_(0-2.	07431-031	SOIL	118		146		113		116	
U-36_(2.0-	07431-032	SOIL	107		104		97		96	
U-36_(4.0-	07431-033	SOIL	95		98		98		105	
U-36_(5.0-	07431-034	SOIL	116		114		137		130	
U-37_(0-2.	07431-035	SOIL	114		122		105		118	
U-37_(4.0-	07431-038	SOIL	131		149		152		156	
U-37_(5.25	07431-039	SOIL	82		100		89		104	
U-38_(0-1.	07431-040	SOIL	D		D		D		D	
U-38_(2.0-	07431-041	SOIL	D		D		D		D	
U-38_(4.0-	07431-042	SOIL	D		D		D		D	
U-38_(4.5-	07431-043	SOIL	116		116		121		123	
T-38_(0-2.	07431-045	SOIL	D		D		D		D	
PCB	07431-045MS	SOIL	D		D		D		D	
PCB	07431-045MSD	SOIL	D		D		D		D	
PCB	LCSS120730-11	SOIL	106		99		93		91	
Y-37_(0-2.	07431-027	SOIL	D		D		D		D	
Y-37_(2.75	07431-029	SOIL	D		D		D		D	
U-37_(2.0-	07431-036	SOIL	D		D		D		D	
U-37_(3.0-	07431-037	SOIL	78		116		100		87	
U-38_(5.25	07431-044	SOIL	D		D		D		D	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/10/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120801-08	SOIL	117		60		109		61	
T-36_(4.5-	07431-057	SOIL	112		59		107		57	
S-36_(2.0-	07431-059	SOIL	107		55		101		57	
S-36_(4.0-	07431-060	SOIL	129		74		130		72	
S-36_(5.0-	07431-061	SOIL	113		52		107		54	
S-37_(4.0-	07431-064	SOIL	122		82		124		57	
S-37_(5.0-	07431-065	SOIL	149		68		129		55	
X-30_(0-2.	07431-067	SOIL	D		D		D		D	
X-30_(2.0-	07431-068	SOIL	66		54		63		42	
X-30_(3.5-	07431-069	SOIL	108		65		102		50	
X-30_(4.25	07431-070	SOIL	125		59		119		53	
FB-44/1.5-	07434-001	SOIL	106		47		101		41	
FB-43/1.5-	07434-002	SOIL	109		48		103		46	
FB-40/0.25	07434-005	SOIL	115		47		110		45	
FB-39/0.25	07434-006	SOIL	100		45		97		45	
DUP-725/0.	07434-007	SOIL	98		44		98		42	
FB-41/0.25	07434-008	SOIL	109		47		100		43	
FB-42/0.25	07434-009	SOIL	111		46		104		43	
PCB	LCSS120801-08	SOIL	127		48		112		48	
S-36_(0-2.	07431-058	SOIL	112		42		103		41	
S-37_(0-2.	07431-062	SOIL	D		D		D		D	
S-37_(2.0-	07431-063	SOIL	118		46		117		43	
PCB	07439-009MS	SOIL	126		103		114		96	
PCB	07439-009MSD	SOIL	124		106		113		95	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

AQUEOUS PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120726-07

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	465.6	93	70 - 130
Aroclor-1260	500.0	0.0	451.5	90	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120730-09

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	388.9	78	70 - 130
Aroclor-1260	500.0	0.0	369.6	74	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120801-07

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	423.0	85	70 - 130
Aroclor-1260	500.0	0.0	366.9	73	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120730-10

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	424.1	85	70 - 130
Aroclor-1260	500.0	0.0	415.4	83	70 - 130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120730-11

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	385.3	77	70 - 130
Aroclor-1260	500.0	0.0	394.0	79	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120801-08

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	474.4	95	70 - 130
Aroclor-1260	500.0	0.0	376.0	75	70 - 130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07216-001MSD

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	399.0	80	40 - 140
Aroclor-1260	500.0	0.0	453.6	91	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	412.8		83	4		50	40 - 140
Aroclor-1260	0.0	474.6		95	4		50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07591-001MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	366.9	73	40 - 140
Aroclor-1260	500.0	0.0	262.7	53	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	376.3		75	3		50	40 - 140
Aroclor-1260	0.0	282.1		56	6		50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07431-056MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	466.7	93	40 - 140
Aroclor-1260	500.0	0.0	399.9	80	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	461.4		92	1	50	40 - 140
Aroclor-1260	0.0	347.8		70	13	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07431-010MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	435.1	87	40 - 140
Aroclor-1260	500.0	0.0	509.3	102	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	528.0	106	20	50	40 - 140
Aroclor-1260	0.0	644.9	129	23	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07431-045MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	NC	NC	NC	40 - 140
Aroclor-1260	500.0	NC	NC	NC	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	NC	NC	NC	NC	50	40 - 140
Aroclor-1260	NC	NC	NC	NC	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __2___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 07439-009MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	544.2	109	40 - 140
Aroclor-1260	500.0	0.0	457.4	91	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	539.5	108	1	50	40 - 140
Aroclor-1260	0.0	464.3	93	2	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits
NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

PCB METHOD BLANK SUMMARY

Lab File ID: Y7718.D

Instrument ID: GC-Y

Date Extracted: 07/26/2012

Matrix: AQUEOUS

Date Analyzed: 07/31/2012

Time Analyzed: 20:06

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
TWP-1	07327-001	07/31/2012	20:23
EFFLUENT	07216-001	07/31/2012	20:40
ORD-V12-18	07349-001	07/31/2012	20:58
PLA-V12-19	07438-001	07/31/2012	21:15
EO-V12-189	07439-001	07/31/2012	21:32
SUM-V12-19	07440-001	07/31/2012	21:49
FB-18	07371-060	07/31/2012	22:06
FB-19	07431-066	07/31/2012	22:23
PCB	07216-001MS	07/31/2012	22:41
PCB	07216-001MSD	07/31/2012	22:58
PCB	LCSA120726-07	07/31/2012	23:15

PCB METHOD BLANK SUMMARY

Lab File ID: Y7840.D

Instrument ID: GC-Y

Date Extracted: 07/30/2012

Matrix: SOIL

Date Analyzed: 08/02/2012

Time Analyzed: 22:54

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
W-34(3.5-4	07371-053	08/02/2012	23:11
W-34(4.0-6	07371-054	08/02/2012	23:28
X-33(3.0-4	07371-057	08/03/2012	00:20
X-33(4.0-4	07371-058	08/03/2012	00:37
X-33(4.5-6	07371-059	08/03/2012	00:54
S-11/3.5-4	07151-001	08/03/2012	01:46
P-4SW(2)/1	07591-001	08/03/2012	02:03
X-35_(3.25	07431-021	08/03/2012	02:20
X-35_(4.0-	07431-022	08/03/2012	02:37
PCB	07591-001MS	08/03/2012	03:46
PCB	07591-001MSD	08/03/2012	04:03
PCB	LCSS120730-09	08/03/2012	04:20
X-33(0-2.0	07371-055	08/04/2012	04:20
X-33(2.0-3	07371-056	08/04/2012	04:37
CS-204	07372-009	08/04/2012	04:54
CS-222	07372-010	08/04/2012	05:12
X-37_(0-2.	07431-023	08/04/2012	05:29
X-37_(2.0-	07431-024	08/04/2012	05:46
X-37_(4.0-	07431-025	08/04/2012	06:03

PCB METHOD BLANK SUMMARY

Lab File ID: Y8100.D

Instrument ID: GC-Y

Date Extracted: 08/01/2012

Matrix: SOIL

Date Analyzed: 08/07/2012

Time Analyzed: 12:41

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
T-20	07635-020	08/07/2012	12:59
T-21	07635-021	08/07/2012	13:16
T-22	07635-022	08/07/2012	13:33
REP072612	07635-023	08/07/2012	13:50
PK-2/0.5-1	07263-002	08/07/2012	14:42
PK-3/0.5-1	07263-003	08/07/2012	14:59
PK-4/0.5-1	07263-004	08/07/2012	15:16
WC-1	07424-001	08/07/2012	15:33
WASTE_SOIL	07428-001	08/07/2012	15:51
T-38_(2.0-	07431-046	08/07/2012	16:08
T-38_(4.0-	07431-047	08/07/2012	16:25
T-38_(5.0-	07431-048	08/07/2012	16:42
T-37_(0-2.	07431-049	08/07/2012	16:59
T-37_(2.0-	07431-050	08/07/2012	17:17
T-37_(4.0-	07431-051	08/07/2012	17:34
T-37_(6.0-	07431-052	08/07/2012	17:51
T-37_(7.0-	07431-053	08/07/2012	18:38
T-36_(0-2.	07431-054	08/07/2012	18:56
T-36_(2.0-	07431-055	08/07/2012	19:13
T-36_(4.0-	07431-056	08/07/2012	19:30
PCB	07431-056MS	08/07/2012	19:47
PCB	07431-056MSD	08/07/2012	20:04
PCB	LCSS120801-07	08/07/2012	20:22

PCB METHOD BLANK SUMMARY

Lab File ID: R2554.D | Instrument ID: GC-R

Date Extracted: 07/30/2012 | Matrix: SOIL

Date Analyzed: 08/08/2012 | Time Analyzed: 04:39

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
X-32_(0-2.	07431-001	08/08/2012	04:56
X-32_(2.0-	07431-002	08/08/2012	05:13
X-32_(4.0-	07431-004	08/08/2012	05:48
X-32_(4.75	07431-005	08/08/2012	06:06
X-31_(0-2.	07431-006	08/08/2012	06:23
X-31_(6.0-	07431-010	08/08/2012	07:33
X-29_(0-2.	07431-011	08/08/2012	07:51
X-29_(2.0-	07431-012	08/08/2012	08:08
X-29_(3.0-	07431-013	08/08/2012	08:26
X-34_(0-2.	07431-015	08/08/2012	10:26
X-34_(3.0-	07431-017	08/08/2012	11:01
X-34_(4.0-	07431-018	08/08/2012	11:18
PCB	07431-010MS	08/08/2012	12:11
PCB	07431-010MSD	08/08/2012	12:28
PCB	LCSS120730-10	08/08/2012	12:45
X-32_(3.0-	07431-003	08/08/2012	22:24
X-31_(2.0-	07431-007	08/08/2012	22:42
X-31_(4.0-	07431-008	08/08/2012	22:59
X-31_(4.75	07431-009	08/08/2012	23:17
X-34_(2.0-	07431-016	08/08/2012	23:34
X-35_(0-1.	07431-019	08/08/2012	23:52
X-35_(2.0-	07431-020	08/09/2012	00:09
X-29_(4.0-	07431-014	08/11/2012	06:28

PCB METHOD BLANK SUMMARY

Lab File ID: Y8214.D

Instrument ID: GC-Y

Date Extracted: 07/30/2012

Matrix: SOIL

Date Analyzed: 08/09/2012

Time Analyzed: 04:05

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
X-37_(4.75	07431-026	08/09/2012	04:22
Y-37_(2.0-	07431-028	08/09/2012	04:57
Y-37_(4.0-	07431-030	08/09/2012	05:31
U-36_(0-2.	07431-031	08/09/2012	05:48
U-36_(2.0-	07431-032	08/09/2012	06:05
U-36_(4.0-	07431-033	08/09/2012	06:22
U-36_(5.0-	07431-034	08/09/2012	06:40
U-37_(0-2.	07431-035	08/09/2012	06:57
U-37_(4.0-	07431-038	08/09/2012	07:48
U-37_(5.25	07431-039	08/09/2012	08:06
U-38_(0-1.	07431-040	08/09/2012	08:23
U-38_(2.0-	07431-041	08/09/2012	08:40
U-38_(4.0-	07431-042	08/09/2012	08:57
U-38_(4.5-	07431-043	08/09/2012	09:14
T-38_(0-2.	07431-045	08/09/2012	09:49
PCB	07431-045MS	08/09/2012	10:06
PCB	07431-045MSD	08/09/2012	10:23
PCB	LCSS120730-11	08/09/2012	10:41
Y-37_(0-2.	07431-027	08/09/2012	18:29
Y-37_(2.75	07431-029	08/09/2012	18:47
U-37_(2.0-	07431-036	08/09/2012	19:04
U-37_(3.0-	07431-037	08/09/2012	19:21
U-38_(5.25	07431-044	08/09/2012	19:38

PCB METHOD BLANK SUMMARY

Lab File ID: R2678.D

Instrument ID: GC-R

Date Extracted: 08/01/2012

Matrix: SOIL

Date Analyzed: 08/10/2012

Time Analyzed: 11:05

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
T-36_(4.5-	07431-057	08/10/2012	11:22
S-36_(2.0-	07431-059	08/10/2012	11:57
S-36_(4.0-	07431-060	08/10/2012	12:15
S-36_(5.0-	07431-061	08/10/2012	12:32
S-37_(4.0-	07431-064	08/10/2012	15:24
S-37_(5.0-	07431-065	08/10/2012	15:42
X-30_(0-2.	07431-067	08/10/2012	15:59
X-30_(2.0-	07431-068	08/10/2012	16:17
X-30_(3.5-	07431-069	08/10/2012	16:34
X-30_(4.25	07431-070	08/10/2012	16:52
FB-44/1.5-	07434-001	08/10/2012	17:09
FB-43/1.5-	07434-002	08/10/2012	17:27
FB-40/0.25	07434-005	08/10/2012	18:22
FB-39/0.25	07434-006	08/10/2012	18:40
DUP-725/0.	07434-007	08/10/2012	18:57
FB-41/0.25	07434-008	08/10/2012	19:14
FB-42/0.25	07434-009	08/10/2012	19:32
PCB	LCSS120801-08	08/10/2012	20:24
S-36_(0-2.	07431-058	08/11/2012	05:36
S-37_(0-2.	07431-062	08/11/2012	05:54
S-37_(2.0-	07431-063	08/11/2012	06:11
PCB	07439-009MS	08/12/2012	14:42
PCB	07439-009MSD	08/12/2012	15:00

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.28	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.11	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.66	4.66	4.66	4.66	4.66	4.66	4.59	4.73
Aroclor-1016 {4}	5.16	5.17	5.17	5.17	5.17	5.17	5.10	5.24
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.18				2.11	2.25
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.20				3.13	3.27
Aroclor-1221 {4}			3.28				3.21	3.35
Aroclor-1221 {5}			3.87				3.80	3.94
Aroclor-1232			3.28				3.21	3.35
Aroclor-1232 {2}			4.11				4.04	4.18
Aroclor-1232 {3}			4.77				4.70	4.84
Aroclor-1232 {4}			5.37				5.30	5.44
Aroclor-1232 {5}			5.56				5.49	5.63
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.05				4.98	5.12
Aroclor-1242 {3}			5.37				5.30	5.44
Aroclor-1242 {4}			6.06				5.99	6.13
Aroclor-1242 {5}			6.33				6.26	6.40
Aroclor-1248			4.51				4.43	4.59
Aroclor-1248 {2}			5.05				4.97	5.13
Aroclor-1248 {3}			5.37				5.29	5.45
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.46				6.38	6.54
Aroclor-1254 {2}			6.89				6.81	6.97
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.49				7.40	7.58
Aroclor-1254 {5}			8.33				8.24	8.42
Aroclor-1260	8.33	8.33	8.33	8.33	8.33	8.33	7.43	9.23
Aroclor-1260 {2}	9.01	9.00	9.00	9.01	9.00	9.01	8.11	9.91
Aroclor-1260 {3}	9.48	9.48	9.48	9.48	9.48	9.48	8.58	10.38
Aroclor-1260 {4}	9.96	9.96	9.96	9.96	9.96	9.96	9.06	10.86
Aroclor-1260 {5}	11.02	11.02	11.02	11.02	11.02	11.02	10.12	11.92

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012 **Instrument ID:** GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	1499497	1643572	1620204	1731844	1719392	1642902	5.68
Aroclor-1016 {2}	2187265	2186431	2233810	2382611	2382046	2274432	4.41
Aroclor-1016 {3}	2912686	2970331	3031654	3289357	3297690	3100344	5.85
Aroclor-1016 {4}	1473842	1463685	1463123	1543728	1536374	1496150	2.70
Aroclor-1016 {5}	2335219	2359157	2429888	2639510	2665231	2485801	6.29
Aroclor-1221			857779				
Aroclor-1221 {2}			1274912				
Aroclor-1221 {3}			830802				
Aroclor-1221 {4}			3079812				
Aroclor-1221 {5}			690280				
Aroclor-1232			1822159				
Aroclor-1232 {2}			1003890				
Aroclor-1232 {3}			928746				
Aroclor-1232 {4}			974151				
Aroclor-1232 {5}			1306873				
Aroclor-1242			2214957				
Aroclor-1242 {2}			1390717				
Aroclor-1242 {3}			1992389				
Aroclor-1242 {4}			3277799				
Aroclor-1242 {5}			2814572				
Aroclor-1248			4408931				
Aroclor-1248 {2}			2423768				
Aroclor-1248 {3}			3068505				
Aroclor-1248 {4}			5573129				
Aroclor-1248 {5}			4165551				
Aroclor-1254			5890792				
Aroclor-1254 {2}			3879129				
Aroclor-1254 {3}			7412088				
Aroclor-1254 {4}			7690374				
Aroclor-1254 {5}			6900019				
Aroclor-1260	6754156	6816455	7228305	7784304	7734241	7263492	6.72
Aroclor-1260 {2}	2788826	3091170	3209959	3370664	3384228	3168969	7.72
Aroclor-1260 {3}	7747207	7867436	8197830	8754564	8696832	8252774	5.61
Aroclor-1260 {4}	3858168	4076459	4066742	4340387	4322153	4132782	4.87
Aroclor-1260 {5}	1594242	1739131	1689846	1780779	1611042	1683008	4.77
						Average %RSD	5.46

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.79	3.79	3.79	3.79	3.79	3.79	3.72	3.86
Aroclor-1016 {2}	4.39	4.39	4.39	4.39	4.39	4.39	4.32	4.46
Aroclor-1016 {3}	5.14	5.14	5.14	5.14	5.14	5.14	5.07	5.21
Aroclor-1016 {4}	5.35	5.35	5.35	5.35	5.35	5.35	5.28	5.42
Aroclor-1016 {5}	5.52	5.52	5.52	5.53	5.52	5.52	5.45	5.59
Aroclor-1221			2.47				2.40	2.54
Aroclor-1221 {2}			3.47				3.40	3.54
Aroclor-1221 {3}			3.71				3.64	3.78
Aroclor-1221 {4}			3.80				3.73	3.87
Aroclor-1221 {5}			5.15				5.08	5.22
Aroclor-1232			3.79				3.72	3.86
Aroclor-1232 {2}			4.78				4.71	4.85
Aroclor-1232 {3}			5.35				5.28	5.42
Aroclor-1232 {4}			5.53				5.46	5.60
Aroclor-1232 {5}			6.13				6.06	6.20
Aroclor-1242			4.77				4.70	4.84
Aroclor-1242 {2}			5.52				5.45	5.59
Aroclor-1242 {3}			6.12				6.05	6.19
Aroclor-1242 {4}			6.28				6.21	6.35
Aroclor-1242 {5}			6.83				6.76	6.90
Aroclor-1248			5.14				5.06	5.22
Aroclor-1248 {2}			5.72				5.64	5.80
Aroclor-1248 {3}			6.12				6.04	6.20
Aroclor-1248 {4}			6.28				6.20	6.36
Aroclor-1248 {5}			6.63				6.55	6.71
Aroclor-1254			7.12				7.04	7.20
Aroclor-1254 {2}			7.71				7.63	7.79
Aroclor-1254 {3}			8.32				8.23	8.41
Aroclor-1254 {4}			8.55				8.46	8.64
Aroclor-1254 {5}			9.14				9.05	9.23
Aroclor-1260	7.89	7.89	7.89	7.89	7.89	7.89	6.99	8.79
Aroclor-1260 {2}	8.14	8.14	8.14	8.14	8.14	8.14	7.24	9.04
Aroclor-1260 {3}	9.73	9.73	9.73	9.73	9.73	9.73	8.83	10.63
Aroclor-1260 {4}	10.23	10.24	10.24	10.24	10.24	10.24	9.34	11.14
Aroclor-1260 {5}	10.83	10.83	10.83	10.83	10.83	10.83	9.93	11.73

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y

GC Column (2nd): RTX-CLP2

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	716762	706227	592756	606323	580908	640595	10.22
Aroclor-1016 {2}	1491342	1367756	1172264	1189784	1143037	1272837	11.82
Aroclor-1016 {3}	3232967	3014659	2707397	2809215	2741209	2901089	7.60
Aroclor-1016 {4}	1397458	1343377	1159070	1184958	1147159	1246404	9.28
Aroclor-1016 {5}	1092976	1027173	900173	930790	905784	971379	8.75
Aroclor-1221			303117				
Aroclor-1221 {2}			445826				
Aroclor-1221 {3}			275257				
Aroclor-1221 {4}			1026756				
Aroclor-1221 {5}			194646				
Aroclor-1232			669139				
Aroclor-1232 {2}			250595				
Aroclor-1232 {3}			554533				
Aroclor-1232 {4}			429284				
Aroclor-1232 {5}			589289				
Aroclor-1242			514508				
Aroclor-1242 {2}			903404				
Aroclor-1242 {3}			1170522				
Aroclor-1242 {4}			977089				
Aroclor-1242 {5}			1942170				
Aroclor-1248			1594094				
Aroclor-1248 {2}			2342634				
Aroclor-1248 {3}			1693836				
Aroclor-1248 {4}			1453571				
Aroclor-1248 {5}			839630				
Aroclor-1254			2166860				
Aroclor-1254 {2}			1708212				
Aroclor-1254 {3}			1684100				
Aroclor-1254 {4}			964117				
Aroclor-1254 {5}			2390859				
Aroclor-1260	1123931	1173392	1022484	1046311	1010906	1075405	6.54
Aroclor-1260 {2}	1719813	1703397	1498782	1527259	1473866	1584623	7.42
Aroclor-1260 {3}	1342862	1318301	1302734	1349136	1311077	1324822	1.53
Aroclor-1260 {4}	3007176	2672208	2849816	2985401	2914821	2885884	4.66
Aroclor-1260 {5}	1892243	1968924	2095635	2141260	2064573	2032527	4.95
						Average %RSD	7.28

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			8.62				7.72	7.72
Aroclor-1262 {2}			9.48				8.58	8.58
Aroclor-1262 {3}			10.11				9.21	9.21
Aroclor-1262 {4}			10.20				9.20	9.20
Aroclor-1262 {5}			11.02				10.02	10.02
Aroclor-1268			10.11				9.11	9.11
Aroclor-1268 {2}			10.19				9.09	9.09
Aroclor-1268 {3}			10.66				9.56	9.56
Aroclor-1268 {4}			10.79				9.69	9.69
Aroclor-1268 {5}			11.62				10.52	10.52

GC Column (2nd): DB-1701P

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.73				8.83	8.83
Aroclor-1262 {2}			10.24				9.34	9.34
Aroclor-1262 {3}			10.73				9.83	9.83
Aroclor-1262 {4}			10.82				9.82	9.82
Aroclor-1262 {5}			11.42				10.42	10.42
Aroclor-1268			10.73				9.73	9.73
Aroclor-1268 {2}			10.81				9.71	9.71
Aroclor-1268 {3}			11.06				9.96	9.96
Aroclor-1268 {4}			11.21				10.11	10.11
Aroclor-1268 {5}			12.28				11.18	11.18

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y7474.D Y7473.D Y7472.D Y7471.D Y7470.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			7714965				
Aroclor-1262 {2}			14417198				
Aroclor-1262 {3}			3110518				
Aroclor-1262 {4}			6075825				
Aroclor-1262 {5}			4508924				
Aroclor-1268			10860016				
Aroclor-1268 {2}			14225411				
Aroclor-1268 {3}			10282793				
Aroclor-1268 {4}			2897358				
Aroclor-1268 {5}			31426339				

GC Column (2nd): DB-1701P

Data File: Y7474.C Y7473.C Y7472.C Y7471.C Y7470.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			2286092				
Aroclor-1262 {2}			5016859				
Aroclor-1262 {3}			1654661				
Aroclor-1262 {4}			3415456				
Aroclor-1262 {5}			562448				
Aroclor-1268			4906314				
Aroclor-1268 {2}			5097805				
Aroclor-1268 {3}			4029758				
Aroclor-1268 {4}			1168430				
Aroclor-1268 {5}			12079931				

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.98	3.98	3.97	3.97	3.97	3.97	3.90	4.04
Aroclor-1016 {2}	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016 {3}	5.45	5.45	5.45	5.45	5.45	5.45	5.38	5.52
Aroclor-1016 {4}	5.99	5.99	5.98	5.98	5.99	5.99	5.92	6.06
Aroclor-1016 {5}	6.40	6.40	6.40	6.40	6.40	6.40	6.33	6.47
Aroclor-1221			2.75				2.68	2.82
Aroclor-1221 {2}			3.75				3.68	3.82
Aroclor-1221 {3}			3.89				3.82	3.96
Aroclor-1221 {4}			3.98				3.91	4.05
Aroclor-1221 {5}			4.62				4.55	4.69
Aroclor-1232			3.98				3.91	4.05
Aroclor-1232 {2}			4.87				4.80	4.94
Aroclor-1232 {3}			5.57				5.50	5.64
Aroclor-1232 {4}			6.19				6.12	6.26
Aroclor-1232 {5}			6.40				6.33	6.47
Aroclor-1242			4.87				4.80	4.94
Aroclor-1242 {2}			5.86				5.79	5.93
Aroclor-1242 {3}			6.19				6.12	6.26
Aroclor-1242 {4}			6.91				6.84	6.98
Aroclor-1242 {5}			7.20				7.13	7.27
Aroclor-1248			5.29				5.21	5.37
Aroclor-1248 {2}			5.86				5.78	5.94
Aroclor-1248 {3}			6.19				6.11	6.27
Aroclor-1248 {4}			6.92				6.84	7.00
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.32				7.24	7.40
Aroclor-1254 {2}			7.77				7.69	7.85
Aroclor-1254 {3}			7.94				7.85	8.03
Aroclor-1254 {4}			8.39				8.30	8.48
Aroclor-1254 {5}			9.25				9.16	9.34
Aroclor-1260	9.24	9.25	9.25	9.25	9.25	9.25	8.35	10.15
Aroclor-1260 {2}	9.94	9.94	9.94	9.94	9.94	9.94	9.04	10.84
Aroclor-1260 {3}	10.41	10.41	10.41	10.41	10.41	10.41	9.51	11.31
Aroclor-1260 {4}	10.91	10.90	10.90	10.91	10.91	10.91	10.01	11.81
Aroclor-1260 {5}	11.98	11.98	11.98	11.98	11.98	11.98	11.08	12.88

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012 **Instrument ID:** GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	4148547	3474713	3391408	3465880	3183041	3532718	10.30
Aroclor-1016 {2}	4814045	4541000	4561907	4617462	3394207	4385724	12.88
Aroclor-1016 {3}	7568738	6430138	6225723	6332514	5696869	6450796	10.64
Aroclor-1016 {4}	3542346	3069983	2794832	2915236	2754293	3015338	10.59
Aroclor-1016 {5}	6830760	5605541	5084418	5245594	4927718	5538806	13.81
Aroclor-1221			1229343				
Aroclor-1221 {2}			1914692				
Aroclor-1221 {3}			1356591				
Aroclor-1221 {4}			4598908				
Aroclor-1221 {5}			960571				
Aroclor-1232			3418592				
Aroclor-1232 {2}			1963761				
Aroclor-1232 {3}			1861795				
Aroclor-1232 {4}			1873511				
Aroclor-1232 {5}			2526106				
Aroclor-1242			3604887				
Aroclor-1242 {2}			2304299				
Aroclor-1242 {3}			3251247				
Aroclor-1242 {4}			4676274				
Aroclor-1242 {5}			4426889				
Aroclor-1248			7617307				
Aroclor-1248 {2}			4289968				
Aroclor-1248 {3}			5493016				
Aroclor-1248 {4}			8520185				
Aroclor-1248 {5}			7158979				
Aroclor-1254			9934700				
Aroclor-1254 {2}			6357385				
Aroclor-1254 {3}			11846584				
Aroclor-1254 {4}			13808739				
Aroclor-1254 {5}			11537908				
Aroclor-1260	13232716	14847679	14279675	14895160	12844991	14020044	6.69
Aroclor-1260 {2}	8356822	7467531	7187821	8016598	6047587	7415272	12.01
Aroclor-1260 {3}	24553014	24006644	25499192	26354326	24629842	25008604	3.69
Aroclor-1260 {4}	10630020	10556390	10880601	10512594	9382497	10392420	5.60
Aroclor-1260 {5}	5154888	4820946	4487637	4471914	4276315	4642340	7.47
						Average %RSD	9.37

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	4.31	4.31	4.31	4.31	4.31	4.31	4.24	4.38
Aroclor-1016 {2}	4.93	4.93	4.93	4.93	4.93	4.93	4.86	5.00
Aroclor-1016 {3}	5.70	5.70	5.70	5.70	5.70	5.70	5.63	5.77
Aroclor-1016 {4}	5.91	5.91	5.91	5.91	5.91	5.91	5.84	5.98
Aroclor-1016 {5}	6.09	6.09	6.09	6.09	6.10	6.09	6.02	6.16
Aroclor-1221			2.91				2.84	2.98
Aroclor-1221 {2}			3.97				3.90	4.04
Aroclor-1221 {3}			4.21				4.14	4.28
Aroclor-1221 {4}			4.31				4.24	4.38
Aroclor-1221 {5}			5.70				5.63	5.77
Aroclor-1232			4.31				4.24	4.38
Aroclor-1232 {2}			5.33				5.26	5.40
Aroclor-1232 {3}			5.92				5.85	5.99
Aroclor-1232 {4}			6.10				6.03	6.17
Aroclor-1232 {5}			6.70				6.63	6.77
Aroclor-1242			5.33				5.26	5.40
Aroclor-1242 {2}			6.09				6.02	6.16
Aroclor-1242 {3}			6.70				6.63	6.77
Aroclor-1242 {4}			6.86				6.79	6.93
Aroclor-1242 {5}			7.42				7.35	7.49
Aroclor-1248			5.70				5.62	5.78
Aroclor-1248 {2}			6.30				6.22	6.38
Aroclor-1248 {3}			6.70				6.62	6.78
Aroclor-1248 {4}			6.86				6.78	6.94
Aroclor-1248 {5}			7.22				7.14	7.30
Aroclor-1254			7.71				7.63	7.79
Aroclor-1254 {2}			8.31				8.23	8.39
Aroclor-1254 {3}			8.76				8.67	8.85
Aroclor-1254 {4}			8.93				8.84	9.02
Aroclor-1254 {5}			9.76				9.67	9.85
Aroclor-1260	8.75	8.76	8.75	8.75	8.76	8.75	7.85	9.65
Aroclor-1260 {2}	9.16	9.16	9.16	9.16	9.16	9.16	8.26	10.06
Aroclor-1260 {3}	10.37	10.37	10.37	10.37	10.37	10.37	9.47	11.27
Aroclor-1260 {4}	10.88	10.88	10.88	10.88	10.88	10.88	9.98	11.78
Aroclor-1260 {5}	11.47	11.48	11.48	11.48	11.48	11.48	10.58	12.38

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3301781	2954105	2643643	2529226	2303020	2746355	14.17
Aroclor-1016 {2}	6707489	6150160	5110511	4948360	4347097	5452724	17.53
Aroclor-1016 {3}	14745460	12859894	11264390	11150500	10121445	12028338	15.02
Aroclor-1016 {4}	5742883	5607312	4849813	4698138	4249064	5029442	12.55
Aroclor-1016 {5}	5012641	4334838	3727625	3633227	3135719	3968810	18.21
Aroclor-1221			1122396				
Aroclor-1221 {2}			1539972				
Aroclor-1221 {3}			1037434				
Aroclor-1221 {4}			3477204				
Aroclor-1221 {5}			726493				
Aroclor-1232			2723088				
Aroclor-1232 {2}			1075934				
Aroclor-1232 {3}			2243133				
Aroclor-1232 {4}			1695418				
Aroclor-1232 {5}			2462122				
Aroclor-1242			1734866				
Aroclor-1242 {2}			2937496				
Aroclor-1242 {3}			3926592				
Aroclor-1242 {4}			3302370				
Aroclor-1242 {5}			3081015				
Aroclor-1248			5584663				
Aroclor-1248 {2}			7985358				
Aroclor-1248 {3}			5968248				
Aroclor-1248 {4}			5106084				
Aroclor-1248 {5}			2887863				
Aroclor-1254			5441537				
Aroclor-1254 {2}			5978071				
Aroclor-1254 {3}			3838743				
Aroclor-1254 {4}			5725090				
Aroclor-1254 {5}			7956918				
Aroclor-1260	7970181	7043339	5736710	5616554	5210658	6315488	18.25
Aroclor-1260 {2}	9207320	8223573	6675375	6514070	5872398	7298547	18.81
Aroclor-1260 {3}	5862064	5654391	4967417	4891180	3825217	5040054	15.86
Aroclor-1260 {4}	11168198	10895756	9702263	9449954	8929616	10029157	9.59
Aroclor-1260 {5}	9642825	8763279	7680727	7558727	6969315	8122975	13.15
					Average %RSD		15.31

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.54				8.64	8.64
Aroclor-1262 {2}			10.41				9.51	9.51
Aroclor-1262 {3}			11.06				10.16	10.16
Aroclor-1262 {4}			11.15				10.15	10.15
Aroclor-1262 {5}			11.98				10.98	10.98
Aroclor-1268			11.06				10.06	10.06
Aroclor-1268 {2}			11.15				10.05	10.05
Aroclor-1268 {3}			11.63				10.53	10.53
Aroclor-1268 {4}			11.76				10.66	10.66
Aroclor-1268 {5}			12.60				11.50	11.50

GC Column (2nd): DB-1701P

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			10.37				9.47	9.47
Aroclor-1262 {2}			10.88				9.98	9.98
Aroclor-1262 {3}			11.38				10.48	10.48
Aroclor-1262 {4}			11.47				10.47	10.47
Aroclor-1262 {5}			12.08				11.08	11.08
Aroclor-1268			11.38				10.38	10.38
Aroclor-1268 {2}			11.46				10.36	10.36
Aroclor-1268 {3}			11.72				10.62	10.62
Aroclor-1268 {4}			11.87				10.77	10.77
Aroclor-1268 {5}			12.95				11.85	11.85

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012 **Instrument ID:** GC-R

GC Column (1st): DB-5

Data File: R2317.D R2316.D R2315.D R2314.D R2313.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			17525688				
Aroclor-1262 {2}			29638775				
Aroclor-1262 {3}			11417295				
Aroclor-1262 {4}			11211241				
Aroclor-1262 {5}			8026484				
Aroclor-1268			32102927				
Aroclor-1268 {2}			27961472				
Aroclor-1268 {3}			23524487				
Aroclor-1268 {4}			5436485				
Aroclor-1268 {5}			59091331				

GC Column (2nd): DB-1701P

Data File: R2317.C R2316.C R2315.C R2314.C R2313.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			6981401				
Aroclor-1262 {2}			14077231				
Aroclor-1262 {3}			5235717				
Aroclor-1262 {4}			10133728				
Aroclor-1262 {5}			1994301				
Aroclor-1268			15051290				
Aroclor-1268 {2}			14571754				
Aroclor-1268 {3}			12197691				
Aroclor-1268 {4}			3103769				
Aroclor-1268 {5}			37540894				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/31/2012 **Instrument ID:** GC-Y

Data File: Y7717.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1782523	8.50
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2390553	5.11
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3280728	5.82
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1564221	4.55
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2548568	2.52
Aroclor-1260	8.34	7.43	9.23	7263492	6573304	9.50
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2683939	15.31
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	6943598	15.86
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3645477	11.79
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1403167	16.63
					Average %D	9.56

Data File: Y7717.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	632096	1.33
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1250492	1.76
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2850357	1.75
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1206556	3.20
Aroclor-1016 {5}	5.53	5.45	5.59	971379	935992	3.64
Aroclor-1260	7.89	6.99	8.79	1075405	1037928	3.48
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1472117	7.10
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1204829	9.06
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2502748	13.28
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1754452	13.68
					Average %D	5.83

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 07/31/2012 **Instrument ID:** GC-Y

Data File: Y7730.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1804723	9.85
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2432289	6.94
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3376238	8.90
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1639468	9.58
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2690482	8.23
Aroclor-1260	8.34	7.43	9.23	7263492	7614283	4.83
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3136376	1.03
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8063456	2.29
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3835513	7.19
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1406621	16.42
					Average %D	7.53

Data File: Y7730.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	647177	1.03
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1284033	0.88
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2962946	2.13
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1252289	0.47
Aroclor-1016 {5}	5.52	5.45	5.59	971379	977126	0.59
Aroclor-1260	7.89	6.99	8.79	1075405	1112277	3.43
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1606442	1.38
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1355114	2.29
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2913099	0.94
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2046995	0.71
					Average %D	1.38

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/02/2012 **Instrument ID:** GC-Y

Data File: Y7839.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1863206	13.41
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2542063	11.77
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3525416	13.71
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1710270	14.31
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2807852	12.96
Aroclor-1260	8.34	7.43	9.23	7263492	7904119	8.82
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3306138	4.33
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8297271	0.54
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3896908	5.71
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1416945	15.81
					Average %D	10.14

Data File: Y7839.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	661520	3.27
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1308193	2.78
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	3033857	4.58
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1284839	3.08
Aroclor-1016 {5}	5.53	5.45	5.59	971379	1002947	3.25
Aroclor-1260	7.89	6.99	8.79	1075405	1118187	3.98
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1633104	3.06
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1364739	3.01
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2879674	0.22
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2058114	1.26
					Average %D	2.85

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/03/2012 **Instrument ID:** GC-Y

Data File: Y7860.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1782061	8.47
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2372964	4.33
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3240242	4.51
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1548417	3.49
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2498836	0.52
Aroclor-1260	8.34	7.43	9.23	7263492	6268988	13.69
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2882361	9.04
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7014060	15.01
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3486351	15.64
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1650429	1.94
					Average %D	7.67

Data File: Y7860.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	611646	4.52
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1231146	3.28
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2832943	2.35
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1173511	5.85
Aroclor-1016 {5}	5.53	5.45	5.59	971379	915853	5.72
Aroclor-1260	7.89	6.99	8.79	1075405	964440	10.32
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1392265	12.14
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1133989	14.40
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2451139	15.06
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1877986	7.60
					Average %D	8.12

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/04/2012 **Instrument ID:** GC-Y

Data File: Y7922.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1776273	8.12
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2357292	3.64
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3303517	6.55
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1611656	7.72
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2615572	5.22
Aroclor-1260	8.34	7.43	9.23	7263492	7029902	3.22
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2836055	10.51
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7118938	13.74
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3775338	8.65
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1953500	16.07
					Average %D	8.34

Data File: Y7922.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	636679	0.61
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1272270	0.04
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2948651	1.64
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1231658	1.18
Aroclor-1016 {5}	5.52	5.45	5.59	971379	968375	0.31
Aroclor-1260	7.88	6.99	8.79	1075405	1077164	0.16
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1559622	1.58
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1305898	1.43
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2642700	8.43
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1889586	7.03
					Average %D	2.24

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/04/2012 **Instrument ID:** GC-Y

Data File: Y7947.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1792018	9.08
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2314005	1.74
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3314632	6.91
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1636143	9.36
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2629274	5.77
Aroclor-1260	8.34	7.43	9.23	7263492	6551652	9.80
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2848917	10.10
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7076717	14.25
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3675055	11.08
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1810520	7.58
					Average %D	8.57

Data File: Y7947.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	635518	0.79
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1263184	0.76
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2921867	0.72
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1204830	3.34
Aroclor-1016 {5}	5.53	5.45	5.59	971379	958849	1.29
Aroclor-1260	7.89	6.99	8.79	1075405	1037051	3.57
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1486292	6.21
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1152944	12.97
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2486203	13.85
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1764196	13.20
					Average %D	5.67

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/07/2012 **Instrument ID:** GC-Y

Data File: Y8097.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1809373	10.13
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2253809	0.91
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	2967968	4.27
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1636636	9.39
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2836236	14.10
Aroclor-1260	8.34	7.43	9.23	7263492	6406149	11.80
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2735438	13.68
Aroclor-1260 {3}	9.49	8.58	10.38	8252774	6986434	15.34
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3728199	9.79
Aroclor-1260 {5}	11.03	10.12	11.92	1683008	1822926	8.31
					Average %D	9.77

Data File: Y8097.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	708637	10.62
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1400564	10.03
Aroclor-1016 {3}	5.15	5.07	5.21	2901089	3235101	11.51
Aroclor-1016 {4}	5.36	5.28	5.42	1246404	1347557	8.12
Aroclor-1016 {5}	5.53	5.45	5.59	971379	1056111	8.72
Aroclor-1260	7.89	6.99	8.79	1075405	1110125	3.23
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1555448	1.84
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1176033	11.23
Aroclor-1260 {4}	10.24	9.34	11.14	2885884	2463579	14.63
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1807600	11.07
					Average %D	9.10

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/07/2012 **Instrument ID:** GC-Y

Data File: Y8105.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1781059	8.41
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2523592	10.95
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3429845	10.63
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1720511	15.00
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2681602	7.88
Aroclor-1260	8.34	7.43	9.23	7263492	6821022	6.09
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2727100	13.94
Aroclor-1260 {3}	9.49	8.58	10.38	8252774	7396853	10.37
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3480809	15.78
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1459935	13.25
					Average %D	11.23

Data File: Y8105.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	730590	14.05
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1456776	14.45
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	3370511	16.18
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1404520	12.69
Aroclor-1016 {5}	5.53	5.45	5.59	971379	1101243	13.37
Aroclor-1260	7.89	6.99	8.79	1075405	1159014	7.77
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1645458	3.84
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1278969	3.46
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2501542	13.32
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1806420	11.12
					Average %D	11.03

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/07/2012 **Instrument ID:** GC-Y

Data File: Y8106.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1794108	9.20
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2370392	4.22
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3087846	0.40
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1620756	8.33
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2689657	8.20
Aroclor-1260	8.34	7.43	9.23	7263492	6951948	4.29
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2772665	12.51
Aroclor-1260 {3}	9.49	8.58	10.38	8252774	6988178	15.32
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3655793	11.54
Aroclor-1260 {5}	11.03	10.12	11.92	1683008	1706626	1.40
					Average %D	7.54

Data File: Y8106.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	734837	14.71
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1463879	15.01
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	3395994	17.06
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1417822	13.75
Aroclor-1016 {5}	5.53	5.45	5.59	971379	1111821	14.46
Aroclor-1260	7.89	6.99	8.79	1075405	1179584	9.69
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1667578	5.23
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1288762	2.72
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2491606	13.66
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1814443	10.73
					Average %D	11.70

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/07/2012 **Instrument ID:** GC-Y

Data File: Y8126.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1642902	1712189	4.22
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2254402	0.88
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3084304	0.52
Aroclor-1016 {4}	5.18	5.10	5.24	1496150	1558576	4.17
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2424617	2.46
Aroclor-1260	8.34	7.43	9.23	7263492	6432209	11.44
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2954927	6.75
Aroclor-1260 {3}	9.49	8.58	10.38	8252774	7053134	14.54
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3580084	13.37
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1834554	9.00
					Average %D	6.74

Data File: Y8126.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	615508	3.92
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1217139	4.38
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2803348	3.37
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1169418	6.18
Aroclor-1016 {5}	5.53	5.45	5.59	971379	914175	5.89
Aroclor-1260	7.89	6.99	8.79	1075405	974816	9.35
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1378970	12.98
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1233682	6.88
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2468501	14.46
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1812034	10.85
					Average %D	7.82

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/08/2012 **Instrument ID:** GC-R

Data File: R2553.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3325780	5.86
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4072130	7.15
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6191592	4.02
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3063881	1.61
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5454706	1.52
Aroclor-1260	9.26	8.35	10.15	14020044	13077130	6.73
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6416522	13.47
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21511207	13.98
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8650398	16.76
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4501555	3.03
					Average %D	7.41

Data File: R2553.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2683969	2.27
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4898349	10.17
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	11147669	7.32
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4833460	3.90
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3731205	5.99
Aroclor-1260	8.75	7.85	9.65	6315488	5774204	8.57
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6163579	15.55
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4296615	14.75
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	8520294	15.04
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7297610	10.16
					Average %D	9.37

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/08/2012 **Instrument ID:** GC-R

Data File: R2580.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	3733418	5.68
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4369394	0.37
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6902845	7.01
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3443192	14.19
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6215007	12.21
Aroclor-1260	9.26	8.35	10.15	14020044	15855332	13.09
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6993390	5.69
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	23292847	6.86
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9041607	13.00
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4242386	8.62
					Average %D	8.67

Data File: R2580.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2674055	2.63
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4948860	9.24
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	11350918	5.63
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4896490	2.64
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3818241	3.79
Aroclor-1260	8.76	7.85	9.65	6315488	5948175	5.82
Aroclor-1260 {2}	9.17	8.26	10.06	7298547	6548571	10.28
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4407572	12.55
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	8595198	14.30
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6708560	17.41
					Average %D	8.43

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/08/2012 **Instrument ID:** GC-R

Data File: R2596.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	4090138	15.78
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5159921	17.65
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7265329	12.63
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3171285	5.17
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	6178195	11.54
Aroclor-1260	9.25	8.35	10.15	14020044	16145496	15.16
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8689146	17.18
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	26964459	7.82
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10782469	3.75
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4328214	6.77
					Average %D	11.35

Data File: R2596.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2945693	7.26
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5658786	3.78
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12653686	5.20
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5409799	7.56
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4254186	7.19
Aroclor-1260	8.75	7.85	9.65	6315488	6568897	4.01
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7517478	3.00
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5531630	9.75
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	10647687	6.17
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7533245	7.26
					Average %D	6.12

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-R

Data File: R2606.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	4154444	17.60
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4732112	7.90
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6798739	5.39
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3106574	3.03
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6211984	12.15
Aroclor-1260	9.26	8.35	10.15	14020044	15907241	13.46
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	8489109	14.48
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	24963817	0.18
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10495662	0.99
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4294176	7.50
					Average %D	8.27

Data File: R2606.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3053178	11.17
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5839448	7.09
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13236340	10.04
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5644184	12.22
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4455538	12.26
Aroclor-1260	8.76	7.85	9.65	6315488	6688414	5.90
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7505780	2.84
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	5288078	4.92
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9875977	1.53
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6797675	16.32
					Average %D	8.43

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2732.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3643308	3.13
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4670446	6.49
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6859075	6.33
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	2991693	0.78
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6299227	13.73
Aroclor-1260	9.26	8.35	10.15	14020044	14947532	6.62
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6819355	8.04
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21051264	15.82
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8760574	15.70
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4235237	8.77
					Average %D	8.54

Data File: R2732.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2941486	7.11
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	6337606	16.23
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13601863	13.08
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5573634	10.82
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4527687	14.08
Aroclor-1260	8.75	7.85	9.65	6315488	6384339	1.09
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6930659	5.04
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4399992	12.70
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	8470909	15.54
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6742217	17.00
					Average %D	11.27

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2744.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3827582	8.35
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4709283	7.38
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6778468	5.08
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3278932	8.74
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5241480	5.37
Aroclor-1260	9.26	8.35	10.15	14020044	11774547	16.02
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6666818	10.09
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21832939	12.70
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	8831722	15.02
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4462516	3.87
					Average %D	9.26

Data File: R2744.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3062487	11.51
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5665393	3.90
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12813377	6.53
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5395491	7.28
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4207558	6.02
Aroclor-1260	8.75	7.85	9.65	6315488	5248072	16.90
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6430118	11.90
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4380357	13.09
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	8669183	13.56
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7411624	8.76
					Average %D	9.94

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-Y

Data File: Y8213.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1720803	4.74
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2379982	4.64
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3231910	4.24
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1536555	2.70
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2592254	4.28
Aroclor-1260	8.33	7.43	9.23	7263492	7831733	7.82
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3482946	9.91
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8912390	7.99
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	4361611	5.54
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1944647	15.55
					Average %D	6.74

Data File: Y8213.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	623026	2.74
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1237651	2.76
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2849780	1.77
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1218657	2.23
Aroclor-1016 {5}	5.52	5.45	5.59	971379	946212	2.59
Aroclor-1260	7.88	6.99	8.79	1075405	1083324	0.74
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1598815	0.90
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1404945	6.05
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	3051151	5.73
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2276993	12.03
					Average %D	3.75

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-Y

Data File: Y8238.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1665804	1.39
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2294724	0.89
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3111772	0.37
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1464199	2.14
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2479724	0.24
Aroclor-1260	8.33	7.43	9.23	7263492	6993107	3.72
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3096462	2.29
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7852536	4.85
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3913787	5.30
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1683992	0.06
					Average %D	2.13

Data File: Y8238.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	572089	10.69
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1146311	9.94
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2644632	8.84
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1121812	10.00
Aroclor-1016 {5}	5.52	5.45	5.59	971379	869217	10.52
Aroclor-1260	7.88	6.99	8.79	1075405	964131	10.35
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1416515	10.61
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1196658	9.67
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2752748	4.61
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2047383	0.73
					Average %D	8.60

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-Y

Data File: Y8242.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.27	3.21	3.35	1642902	1876463	14.22
Aroclor-1016 {2}	4.10	4.04	4.18	2274432	2562717	12.68
Aroclor-1016 {3}	4.65	4.59	4.73	3100344	3466486	11.81
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1664115	11.23
Aroclor-1016 {5}	5.55	5.49	5.63	2485801	2727680	9.73
Aroclor-1260	8.33	7.43	9.23	7263492	7366487	1.42
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	3247907	2.49
Aroclor-1260 {3}	9.47	8.58	10.38	8252774	8055032	2.40
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3849067	6.86
Aroclor-1260 {5}	11.01	10.12	11.92	1683008	1739039	3.33
					Average %D	7.62

Data File: Y8242.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.72	3.86	640595	621058	3.05
Aroclor-1016 {2}	4.39	4.32	4.46	1272837	1226614	3.63
Aroclor-1016 {3}	5.14	5.07	5.21	2901089	2816247	2.92
Aroclor-1016 {4}	5.35	5.28	5.42	1246404	1177884	5.50
Aroclor-1016 {5}	5.53	5.45	5.59	971379	919799	5.31
Aroclor-1260	7.89	6.99	8.79	1075405	1005161	6.53
Aroclor-1260 {2}	8.14	7.24	9.04	1584623	1440935	9.07
Aroclor-1260 {3}	9.73	8.83	10.63	1324822	1242875	6.19
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2644010	8.38
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	1952527	3.94
					Average %D	5.45

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/09/2012 **Instrument ID:** GC-Y

Data File: Y8248.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1824388	11.05
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2452896	7.85
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3355264	8.22
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1605985	7.34
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2667598	7.31
Aroclor-1260	8.33	7.43	9.23	7263492	6891412	5.12
Aroclor-1260 {2}	9.00	8.11	9.91	3168969	2802026	11.58
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7289725	11.67
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3645112	11.80
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1757521	4.43
					Average %D	8.64

Data File: Y8248.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	622302	2.86
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1231858	3.22
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2823459	2.68
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1193045	4.28
Aroclor-1016 {5}	5.52	5.45	5.59	971379	921915	5.09
Aroclor-1260	7.88	6.99	8.79	1075405	986180	8.30
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1458985	7.93
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1273785	3.85
Aroclor-1260 {4}	10.23	9.34	11.14	2885884	2804923	2.81
Aroclor-1260 {5}	10.82	9.93	11.73	2032527	2145463	5.56
					Average %D	4.66

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/10/2012 **Instrument ID:** GC-R

Data File: R2677.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	3951245	11.85
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4643081	5.87
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7048406	9.26
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3376497	11.98
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5942575	7.29
Aroclor-1260	9.26	8.35	10.15	14020044	15061495	7.43
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	7521940	1.44
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21025944	15.93
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	8874626	14.60
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	3866695	16.71
					Average %D	10.24

Data File: R2677.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.32	4.24	4.38	2746355	3182465	15.88
Aroclor-1016 {2}	4.94	4.86	5.00	5452724	6042450	10.82
Aroclor-1016 {3}	5.72	5.63	5.77	12028338	13758952	14.39
Aroclor-1016 {4}	5.93	5.84	5.98	5029442	5395449	7.28
Aroclor-1016 {5}	6.11	6.02	6.16	3968810	4492164	13.19
Aroclor-1260	8.77	7.85	9.65	6315488	6641302	5.16
Aroclor-1260 {2}	9.18	8.26	10.06	7298547	7442611	1.97
Aroclor-1260 {3}	10.38	9.47	11.27	5040054	5162526	2.43
Aroclor-1260 {4}	10.89	9.98	11.78	10029157	9898555	1.30
Aroclor-1260 {5}	11.48	10.58	12.38	8122975	6903770	15.01
					Average %D	8.74

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/10/2012 **Instrument ID:** GC-R

Data File: R2707.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3821105	8.16
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4800287	9.45
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7030206	8.98
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3330699	10.46
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5570878	0.58
Aroclor-1260	9.26	8.35	10.15	14020044	15803348	12.72
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	7419465	0.06
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21231017	15.11
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8704605	16.24
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4346630	6.37
					Average %D	8.81

Data File: R2707.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2917279	6.22
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5608655	2.86
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12717410	5.73
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5354898	6.47
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4214355	6.19
Aroclor-1260	8.75	7.85	9.65	6315488	6097742	3.45
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6818831	6.57
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4657946	7.58
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9099536	9.27
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7043146	13.29
					Average %D	6.76

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2732.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3643308	3.13
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4670446	6.49
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6859075	6.33
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	2991693	0.78
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6299227	13.73
Aroclor-1260	9.26	8.35	10.15	14020044	14947532	6.62
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6819355	8.04
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21051264	15.82
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8760574	15.70
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4235237	8.77
					Average %D	8.54

Data File: R2732.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	2941486	7.11
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	6337606	16.23
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	13601863	13.08
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5573634	10.82
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4527687	14.08
Aroclor-1260	8.75	7.85	9.65	6315488	6384339	1.09
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6930659	5.04
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4399992	12.70
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	8470909	15.54
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6742217	17.00
					Average %D	11.27

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/11/2012 **Instrument ID:** GC-R

Data File: R2744.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3827582	8.35
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4709283	7.38
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6778468	5.08
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3278932	8.74
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5241480	5.37
Aroclor-1260	9.26	8.35	10.15	14020044	11774547	16.02
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6666818	10.09
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21832939	12.70
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	8831722	15.02
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4462516	3.87
					Average %D	9.26

Data File: R2744.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.24	4.38	2746355	3062487	11.51
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5665393	3.90
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12813377	6.53
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5395491	7.28
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4207558	6.02
Aroclor-1260	8.75	7.85	9.65	6315488	5248072	16.90
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6430118	11.90
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	4380357	13.09
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	8669183	13.56
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7411624	8.76
					Average %D	9.94

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/12/2012 **Instrument ID:** GC-R

Data File: R2797.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.97	3.90	4.04	3532718	3572531	1.13
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	4227875	3.60
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7058373	9.42
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3140011	4.13
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	6349774	14.64
Aroclor-1260	9.25	8.35	10.15	14020044	15043590	7.30
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7838244	5.70
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	28334491	13.30
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	11800483	13.55
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4801527	3.43
					Average %D	7.62

Data File: R2797.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	3009430	9.58
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5813162	6.61
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13127950	9.14
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5695279	13.24
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4353809	9.70
Aroclor-1260	8.75	7.85	9.65	6315488	6858985	8.61
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7527239	3.13
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5437944	7.89
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	11200531	11.68
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	8664719	6.67
					Average %D	8.63

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/12/2012 **Instrument ID:** GC-R

Data File: R2810.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.90	4.04	3532718	3346444	5.27
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	4101829	6.47
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7439196	15.32
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3054985	1.31
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	6206678	12.06
Aroclor-1260	9.25	8.35	10.15	14020044	16110231	14.91
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7473779	0.79
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	27626810	10.47
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	11911920	14.62
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4805397	3.51
					Average %D	8.47

Data File: R2810.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	2580082	6.05
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5993936	9.93
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13647798	13.46
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5311894	5.62
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4582200	15.46
Aroclor-1260	8.75	7.85	9.65	6315488	7053316	11.68
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7813817	7.06
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5576505	10.64
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	11430405	13.97
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	9260700	14.01
					Average %D	10.79

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.11 **TCMX 2** 2.91 **DCB 2** 12.50

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120726-07	07/31/2012	20:06	2.82		12.11		2.91		12.50	
TWP-1	07327-001	07/31/2012	20:23	2.83		12.11		2.92		12.50	
EFFLUENT	07216-001	07/31/2012	20:40	2.82		12.11		2.92		12.50	
ORD-V12-18	07349-001	07/31/2012	20:58	2.82		12.11		2.91		12.50	
PLA-V12-19	07438-001	07/31/2012	21:15	2.82		12.11		2.92		12.50	
EO-V12-189	07439-001	07/31/2012	21:32	2.82		12.11		2.92		12.50	
SUM-V12-19	07440-001	07/31/2012	21:49	2.83		12.11		2.92		12.50	
FB-18	07371-060	07/31/2012	22:06	2.82		12.11		2.91		12.50	
FB-19	07431-066	07/31/2012	22:23	2.82		12.11		2.91		12.50	
PCB	07216-001MS	07/31/2012	22:41	2.82		12.11		2.91		12.50	
PCB	07216-001MSD	07/31/2012	22:58	2.82		12.11		2.91		12.50	
PCB	LCSA120726-07	07/31/2012	23:15	2.82		12.10		2.91		12.50	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.10 **TCMX 2** 2.91 **DCB 2** 12.50

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120730-09	08/02/2012	22:54	2.82		12.10		2.91		12.50	
W-34(3.5-4	07371-053	08/02/2012	23:11	2.83		12.11		2.92		12.50	
W-34(4.0-6	07371-054	08/02/2012	23:28	2.83		12.11		2.92		12.50	
X-33(3.0-4	07371-057	08/03/2012	00:20	2.83		12.11		2.92		12.51	
X-33(4.0-4	07371-058	08/03/2012	00:37	2.83		12.11		2.92		12.50	
X-33(4.5-6	07371-059	08/03/2012	00:54	2.83		12.11		2.92		12.50	
S-11/3.5-4	07151-001	08/03/2012	01:46	2.83		12.11		2.92		12.50	
P-4SW(2)/1	07591-001	08/03/2012	02:03	2.83		12.11		2.92		12.50	
X-35_(3.25	07431-021	08/03/2012	02:20	2.82		12.11		2.91		12.50	
X-35_(4.0-	07431-022	08/03/2012	02:37	2.83		12.11		2.92		12.50	
PCB	07591-001MS	08/03/2012	03:46	2.83		12.11		2.92		12.50	
PCB	07591-001MSD	08/03/2012	04:03	2.83		12.11		2.92		12.50	
PCB	LCSS120730-09	08/03/2012	04:20	2.83		12.11		2.92		12.50	
X-33(0-2.0	07371-055	08/04/2012	04:20	D		D		D		D	
X-33(2.0-3	07371-056	08/04/2012	04:37	2.83		12.11		2.92		12.50	
CS-204	07372-009	08/04/2012	04:54	2.83		12.11		2.92		12.50	
CS-222	07372-010	08/04/2012	05:12	2.83		12.11		2.92		12.50	
X-37_(0-2.	07431-023	08/04/2012	05:29	D		D		D		D	
X-37_(2.0-	07431-024	08/04/2012	05:46	D		D		D		D	
X-37_(4.0-	07431-025	08/04/2012	06:03	2.83		12.11		2.92		12.50	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.83 **DCB 1** 12.11 **TCMX 2** 2.92 **DCB 2** 12.50

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120801-07	08/07/2012	12:41	2.83		12.11		2.92		12.50	
T-20	07635-020	08/07/2012	12:59	2.83		12.11		2.92		12.50	
T-21	07635-021	08/07/2012	13:16	2.83		12.11		2.92		12.50	
T-22	07635-022	08/07/2012	13:33	2.83		12.11		2.92		12.50	
REP072612	07635-023	08/07/2012	13:50	2.83		12.11		2.92		12.50	
PK-2/0.5-1	07263-002	08/07/2012	14:42	2.83		12.11		2.92		12.50	
PK-3/0.5-1	07263-003	08/07/2012	14:59	2.83		12.11		2.92		12.50	
PK-4/0.5-1	07263-004	08/07/2012	15:16	2.83		12.11		2.92		12.50	
WC-1	07424-001	08/07/2012	15:33	2.83		12.11		2.92		12.50	
WASTE_SOIL	07428-001	08/07/2012	15:51	2.83		12.11		2.92		12.50	
T-38_(2.0-	07431-046	08/07/2012	16:08	D		D		D		D	
T-38_(4.0-	07431-047	08/07/2012	16:25	2.83		12.11		2.92		12.50	
T-38_(5.0-	07431-048	08/07/2012	16:42	2.83		12.11		2.92		12.50	
T-37_(0-2.	07431-049	08/07/2012	16:59	D		D		D		D	
T-37_(2.0-	07431-050	08/07/2012	17:17	D		D		D		D	
T-37_(4.0-	07431-051	08/07/2012	17:34	2.83		12.11		2.92		12.51	
T-37_(6.0-	07431-052	08/07/2012	17:51	2.83		12.11		2.92		12.50	
T-37_(7.0-	07431-053	08/07/2012	18:38	2.83		12.12		2.93		12.51	
T-36_(0-2.	07431-054	08/07/2012	18:56	2.83		12.11		2.92		12.50	
T-36_(2.0-	07431-055	08/07/2012	19:13	2.83		12.11		2.92		12.50	
T-36_(4.0-	07431-056	08/07/2012	19:30	2.83		12.11		2.92		12.50	
PCB	07431-056MS	08/07/2012	19:47	2.83		12.11		2.92		12.50	
PCB	07431-056MSD	08/07/2012	20:04	2.83		12.11		2.92		12.50	
PCB	LCSS120801-07	08/07/2012	20:22	2.83		12.11		2.92		12.50	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 3.47 **DCB 1** 13.10 **TCMX 2** 3.39 **DCB 2** 13.18

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120730-10	08/08/2012	04:39	3.47		13.10		3.39		13.18	
X-32_(0-2.	07431-001	08/08/2012	04:56	D		D		D		D	
X-32_(2.0-	07431-002	08/08/2012	05:13	D		D		D		D	
X-32_(4.0-	07431-004	08/08/2012	05:48	3.47		13.10		3.39		13.18	
X-32_(4.75	07431-005	08/08/2012	06:06	M		13.10		3.39		13.18	
X-31_(0-2.	07431-006	08/08/2012	06:23	D		D		D		D	
X-31_(6.0-	07431-010	08/08/2012	07:33	3.47		13.10		3.39		13.18	
X-29_(0-2.	07431-011	08/08/2012	07:51	D		D		D		D	
X-29_(2.0-	07431-012	08/08/2012	08:08	M		13.10		3.39		13.18	
X-29_(3.0-	07431-013	08/08/2012	08:26	3.47		13.10		3.39		13.18	
X-34_(0-2.	07431-015	08/08/2012	10:26	D		D		D		D	
X-34_(3.0-	07431-017	08/08/2012	11:01	3.47		13.10		3.39		13.18	
X-34_(4.0-	07431-018	08/08/2012	11:18	3.47		13.10		3.39		13.18	
PCB	07431-010MS	08/08/2012	12:11	3.47		13.10		3.39		13.18	
PCB	07431-010MSD	08/08/2012	12:28	3.47		13.10		3.39		13.18	
PCB	LCSS120730-10	08/08/2012	12:45	3.47		13.10		3.39		13.18	
X-32_(3.0-	07431-003	08/08/2012	22:24	3.48		13.10		3.39		13.18	
X-31_(2.0-	07431-007	08/08/2012	22:42	3.47		13.10		3.39		13.19	
X-31_(4.0-	07431-008	08/08/2012	22:59	3.48		13.10		3.40		13.18	
X-31_(4.75	07431-009	08/08/2012	23:17	3.47		13.10		3.39		13.18	
X-34_(2.0-	07431-016	08/08/2012	23:34	D		D		D		D	
X-35_(0-1.	07431-019	08/08/2012	23:52	3.48		13.10		3.39		13.18	
X-35_(2.0-	07431-020	08/09/2012	00:09	3.47		13.11		3.39		13.18	
X-29_(4.0-	07431-014	08/11/2012	06:28	M		13.10		M		13.18	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.10 **TCMX 2** 2.91 **DCB 2** 12.50

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120730-11	08/09/2012	04:05	2.82		12.10		2.91		12.50	
X-37_(4.75	07431-026	08/09/2012	04:22	2.82		12.10		2.91		12.49	
Y-37_(2.0-	07431-028	08/09/2012	04:57	2.82		M		2.91		12.49	
Y-37_(4.0-	07431-030	08/09/2012	05:31	2.82		12.10		2.91		12.49	
U-36_(0-2.	07431-031	08/09/2012	05:48	2.82		12.10		2.91		12.50	
U-36_(2.0-	07431-032	08/09/2012	06:05	2.82		12.10		2.91		12.49	
U-36_(4.0-	07431-033	08/09/2012	06:22	2.82		12.10		2.91		12.49	
U-36_(5.0-	07431-034	08/09/2012	06:40	2.84		12.10		2.91		12.49	
U-37_(0-2.	07431-035	08/09/2012	06:57	2.82		12.10		2.91		12.49	
U-37_(4.0-	07431-038	08/09/2012	07:48	2.82		12.10		2.91		12.49	
U-37_(5.25	07431-039	08/09/2012	08:06	2.82		12.10		2.91		12.49	
U-38_(0-1.	07431-040	08/09/2012	08:23	D		D		D		D	
U-38_(2.0-	07431-041	08/09/2012	08:40	D		D		D		D	
U-38_(4.0-	07431-042	08/09/2012	08:57	D		D		D		D	
U-38_(4.5-	07431-043	08/09/2012	09:14	2.82		12.10		2.91		12.49	
T-38_(0-2.	07431-045	08/09/2012	09:49	D		D		D		D	
PCB	07431-045MS	08/09/2012	10:06	D		D		D		D	
PCB	07431-045MSD	08/09/2012	10:23	D		D		D		D	
PCB	LCSS120730-11	08/09/2012	10:41	2.82		12.11		2.91		12.50	
Y-37_(0-2.	07431-027	08/09/2012	18:29	D		D		D		D	
Y-37_(2.75	07431-029	08/09/2012	18:47	D		D		D		D	
U-37_(2.0-	07431-036	08/09/2012	19:04	D		D		D		D	
U-37_(3.0-	07431-037	08/09/2012	19:21	2.82		12.10		2.91		12.49	
U-38_(5.25	07431-044	08/09/2012	19:38	D		D		D		D	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 3.48 **DCB 1** 13.10 **TCMX 2** 3.39 **DCB 2** 13.18

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120801-08	08/10/2012	11:05	3.48		13.10		3.39		13.18	
T-36_(4.5-	07431-057	08/10/2012	11:22	3.48		13.10		3.39		13.18	
S-36_(2.0-	07431-059	08/10/2012	11:57	3.48		13.10		3.39		13.18	
S-36_(4.0-	07431-060	08/10/2012	12:15	3.48		13.10		3.39		13.18	
S-36_(5.0-	07431-061	08/10/2012	12:32	3.49		13.10		3.40		13.18	
S-37_(4.0-	07431-064	08/10/2012	15:24	3.48		13.10		3.39		13.18	
S-37_(5.0-	07431-065	08/10/2012	15:42	3.49		13.10		3.41		13.18	
X-30_(0-2.	07431-067	08/10/2012	15:59	D		D		D		D	
X-30_(2.0-	07431-068	08/10/2012	16:17	3.49		13.10		3.41		13.18	
X-30_(3.5-	07431-069	08/10/2012	16:34	3.49		13.10		3.40		13.18	
X-30_(4.25	07431-070	08/10/2012	16:52	3.48		13.10		3.39		13.18	
FB-44/1.5-	07434-001	08/10/2012	17:09	3.49		13.10		3.40		13.18	
FB-43/1.5-	07434-002	08/10/2012	17:27	3.48		13.10		3.39		13.18	
FB-40/0.25	07434-005	08/10/2012	18:22	3.49		13.11		3.42		13.19	
FB-39/0.25	07434-006	08/10/2012	18:40	3.49		13.10		3.40		13.18	
DUP-725/0.	07434-007	08/10/2012	18:57	3.49		13.10		3.40		13.18	
FB-41/0.25	07434-008	08/10/2012	19:14	3.49		13.10		3.40		13.18	
FB-42/0.25	07434-009	08/10/2012	19:32	3.49		13.10		3.40		13.18	
PCB	LCSS120801-08	08/10/2012	20:24	3.49		13.10		3.40		13.18	
S-36_(0-2.	07431-058	08/11/2012	05:36	3.48		13.11		3.39		13.18	
S-37_(0-2.	07431-062	08/11/2012	05:54	D		D		D		D	
S-37_(2.0-	07431-063	08/11/2012	06:11	3.49		13.10		3.41		13.18	
PCB	07439-009MS	08/12/2012	14:42	3.47		13.10		3.38		13.18	
PCB	07439-009MSD	08/12/2012	15:00	3.47		13.10		3.38		13.18	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2555.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 4:56
Operator : YG
Sample : X-32_(0-2.,07431-001,S,5.15g,11.5,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1000
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:16:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.71	123.2E6	98461574	16.179m	17.631m
24) L6 Aroclor-1248 {2}	5.86	6.30	63645445	129.3E6	14.836m	16.189m
25) L6 Aroclor-1248 {3}	6.20	6.71	94852725	94681608	17.268m	15.864m
26) L6 Aroclor-1248 {4}	6.93	6.86	159.5E6	87534665	18.721m	17.143m
27) L6 Aroclor-1248 {5}	7.21	7.22	123.9E6	59307008	17.310m	20.537m
Sum Aroclor-1248			565.2E6	469.3E6	84.314	87.364
Average Aroclor-1248					16.863	17.473
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

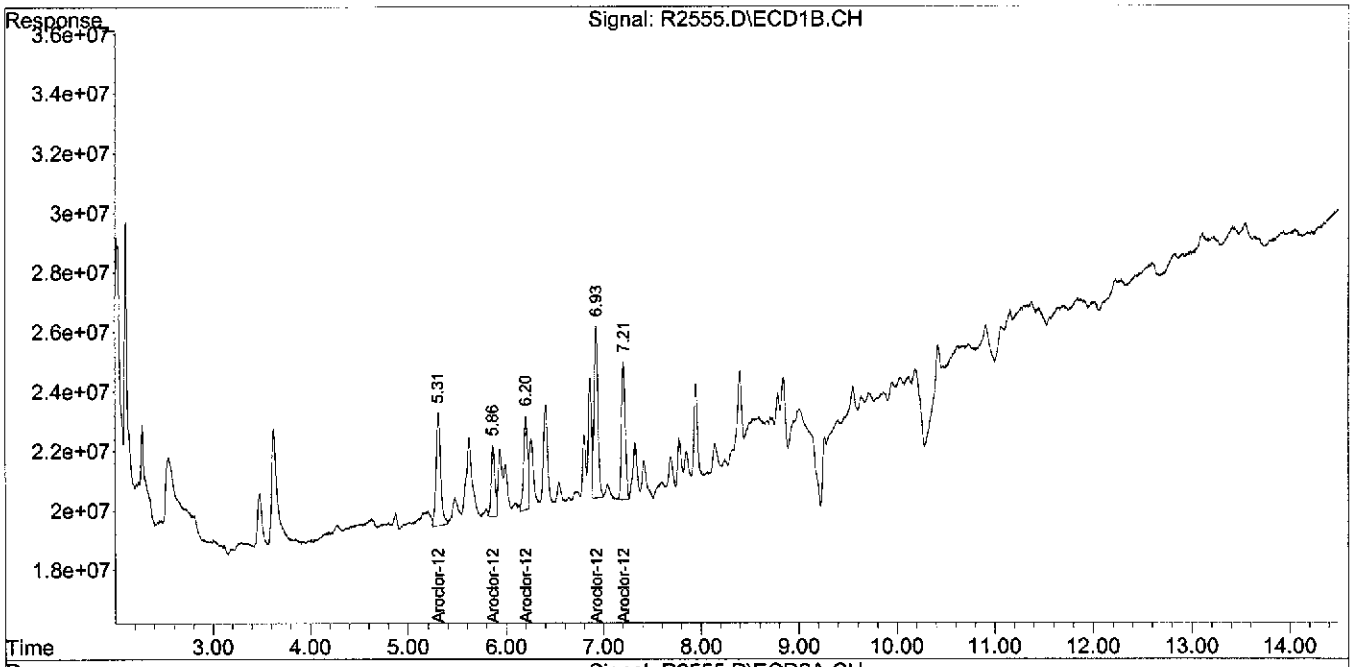
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

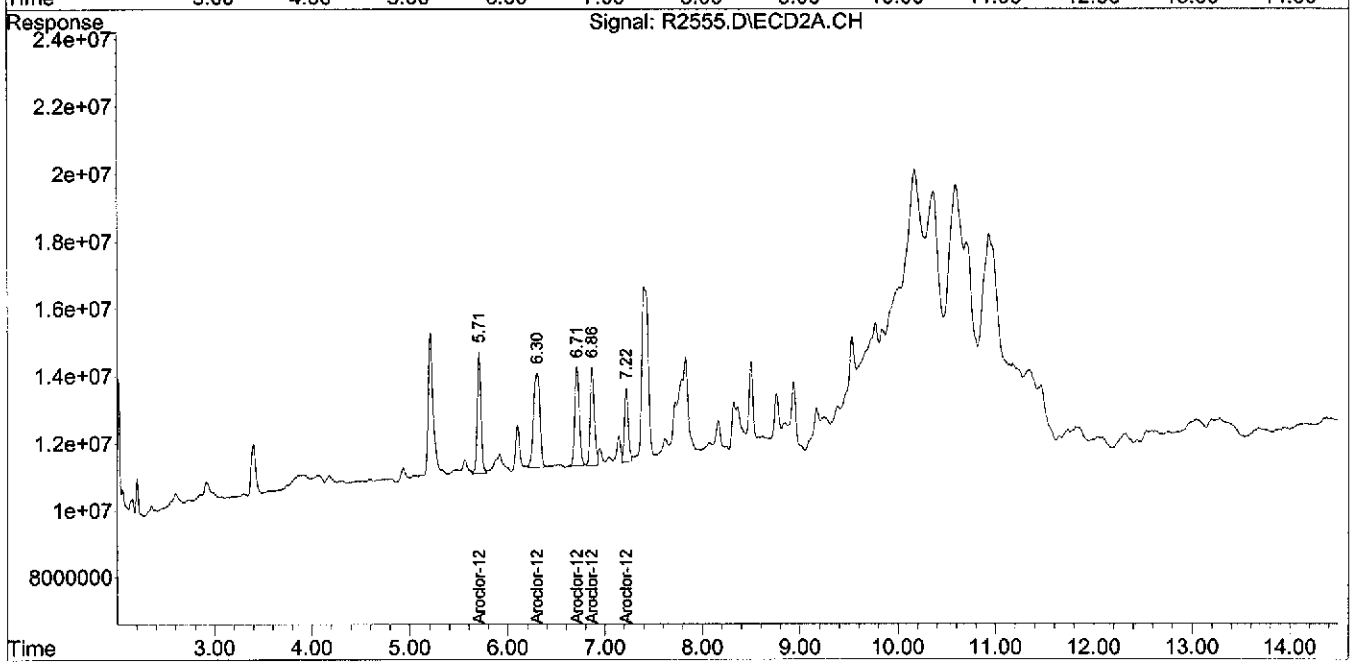
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2555.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 4:56
Operator : YG
Sample : X-32_(0-2.,07431-001,S,5.15g,11.5,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1000
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:16:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2556.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 5:13 (#1); 08 Aug 2012 5:14 (#2)
Operator : YG
Sample : X-32_(2.0-,07431-002,S,5.22g,16.0,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:21:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.72	1196.3E6	531.0E6	120.413	97.584
29) L7 Aroclor-1254 {2}	7.78	8.32	508.2E6	270.5E6	79.935	45.251 #
30) L7 Aroclor-1254 {3}	7.95	8.76	1287.8E6	934.1E6	108.708	243.322 #
31) L7 Aroclor-1254 {4}	8.37	8.94	2545.9E6	538.0E6	184.370	93.976 #
32) L7 Aroclor-1254 {5}	9.26	9.77	2450.0E6	950.7E6	212.347	119.480m#
Sum Aroclor-1254			7988.2E6	3224.3E6	705.773	599.614
Average Aroclor-1254					141.155	119.923
33) L8 Aroclor-1260	9.26	8.76	2089.6E6	934.1E6	149.046m	147.898
34) L8 Aroclor-1260 {2}	9.94	9.17	1358.6E6	1045.9E6	183.211m	143.298
35) L8 Aroclor-1260 {3}	10.42	10.37	3793.3E6	855.7E6	151.681m	169.775
36) L8 Aroclor-1260 {4}	10.91	10.88	1322.2E6	1518.4E6	127.229m	151.402
37) L8 Aroclor-1260 {5}	11.99	11.47	713.8E6	950.1E6	153.752m	116.963
Sum Aroclor-1260			9277.5E6	5304.1E6	764.920	729.336
Average Aroclor-1260					152.984	145.867
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

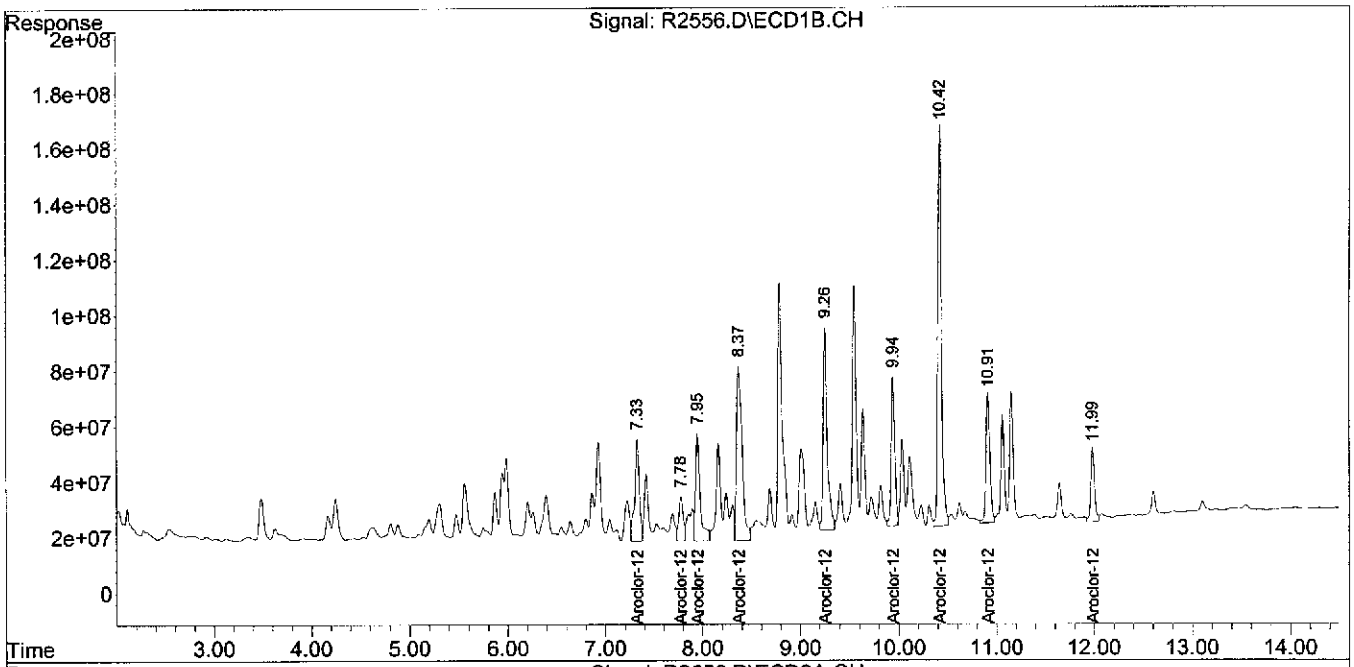
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

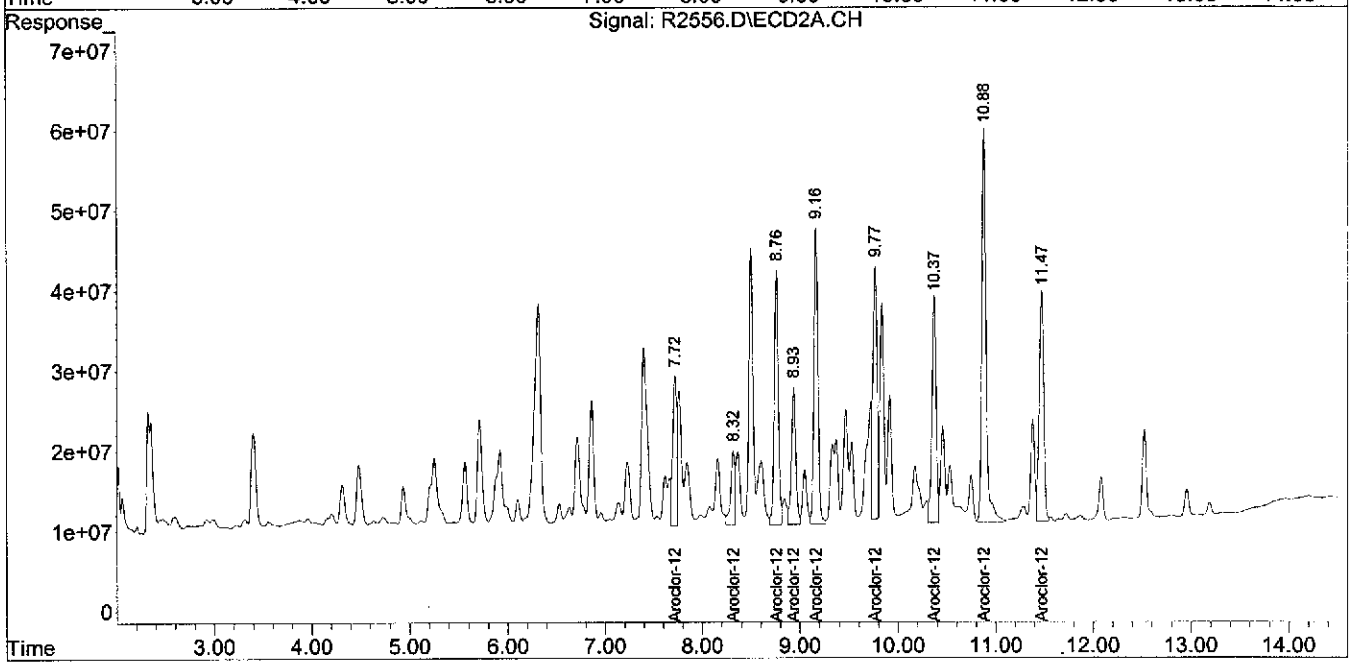
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2556.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 5:13 (#1); 08 Aug 2012 5:14 (#2)
Operator : YG
Sample : X-32_(2.0-,07431-002,S,5.22g,16.0,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:21:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2599.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:24
Operator : YG
Sample : X-32_(3.0-,07431-003,S,5.58g,36.6,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:45:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	3815.9E6	1887.2E6	22.209	13.110 #
Spiked Amount 200.000			Recovery	=	11.10%	6.55%
2) S DCB	13.10	13.18	954.4E6	342.6E6	16.350m	8.552 #
Spiked Amount 200.000			Recovery	=	8.18%	4.28%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

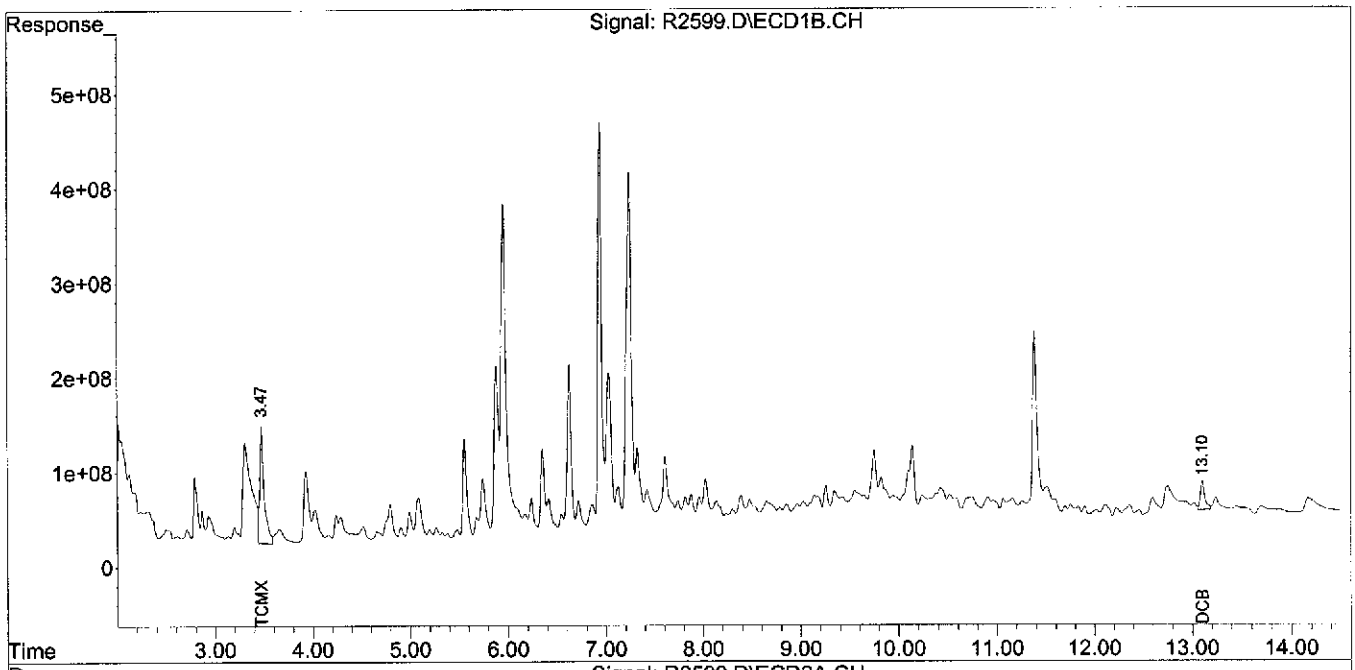
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

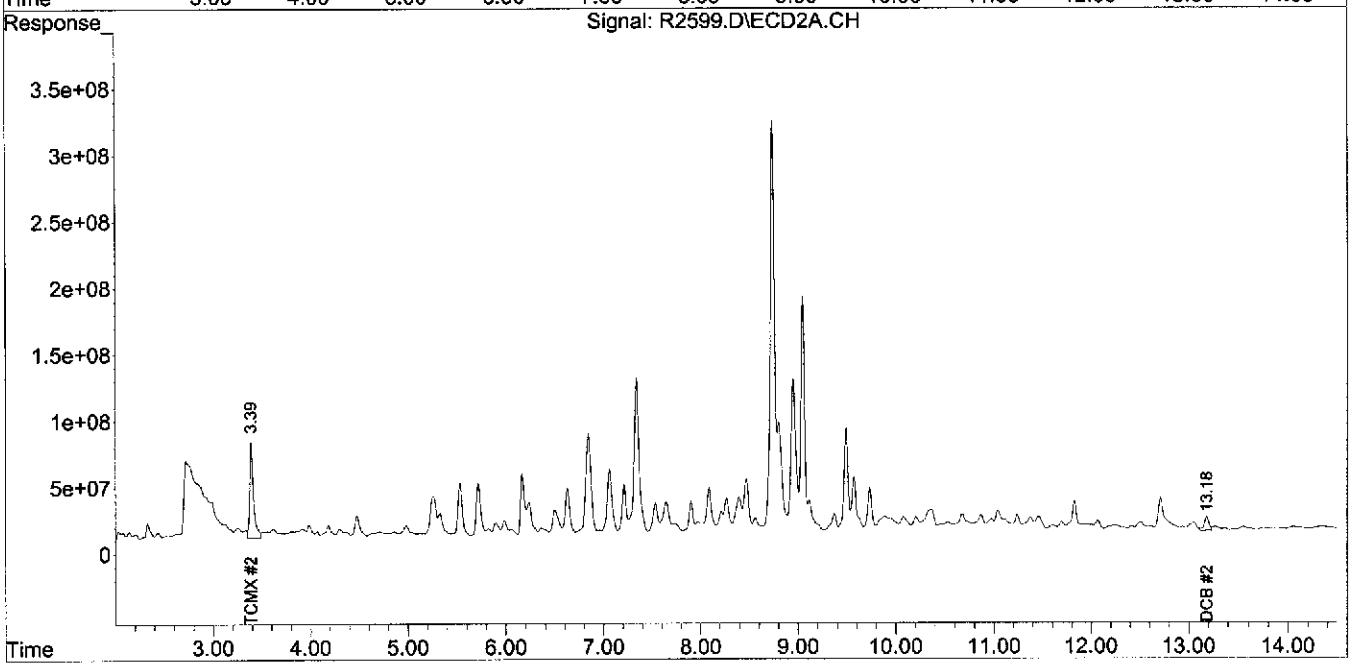
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2599.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:24
Operator : YG
Sample : X-32_(3.0-,07431-003,S,5.58g,36.6,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:45:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2558.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 5:48
Operator : YG
Sample : X-32_(4.0-,07431-004,S,5.17g,67.2,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:23:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	40372.0E6	31275.2E6	234.970	217.264
Spiked Amount 200.000			Recovery	=	117.49%	108.63%
2) S DCB	13.10	13.18	12015.3E6	5087.9E6	205.833	127.020 #
Spiked Amount 200.000			Recovery	=	102.92%	63.51%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

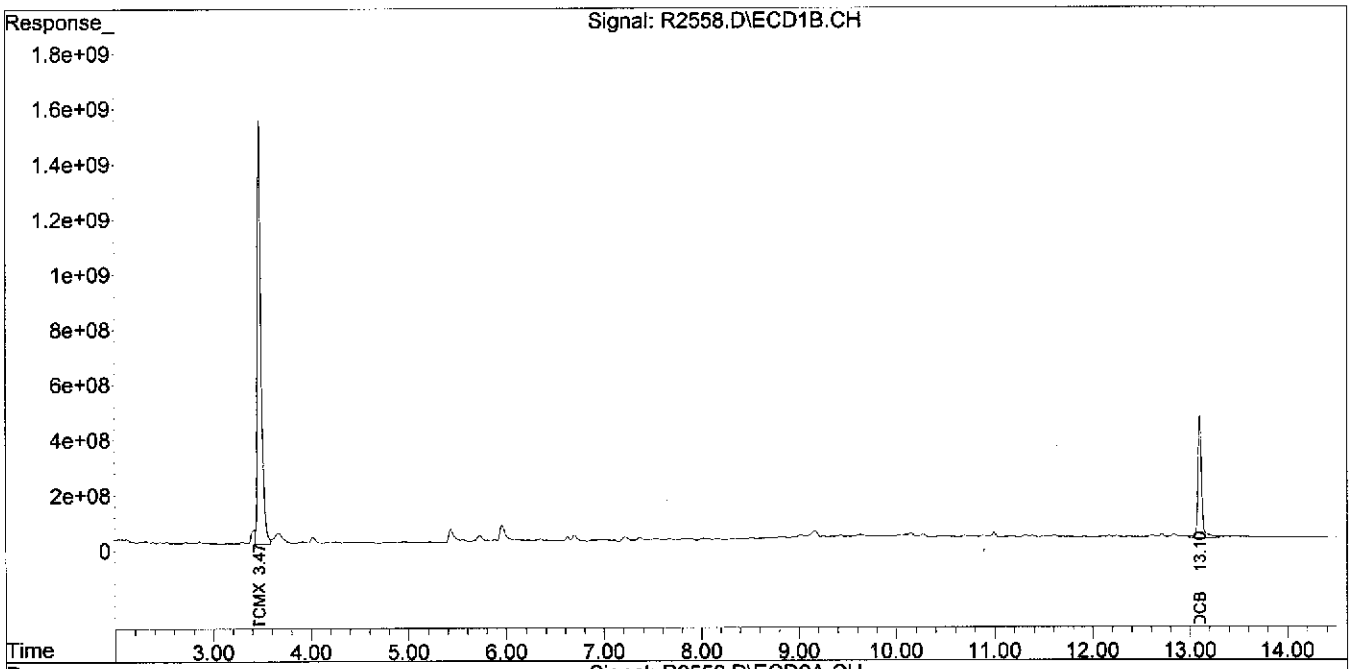
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

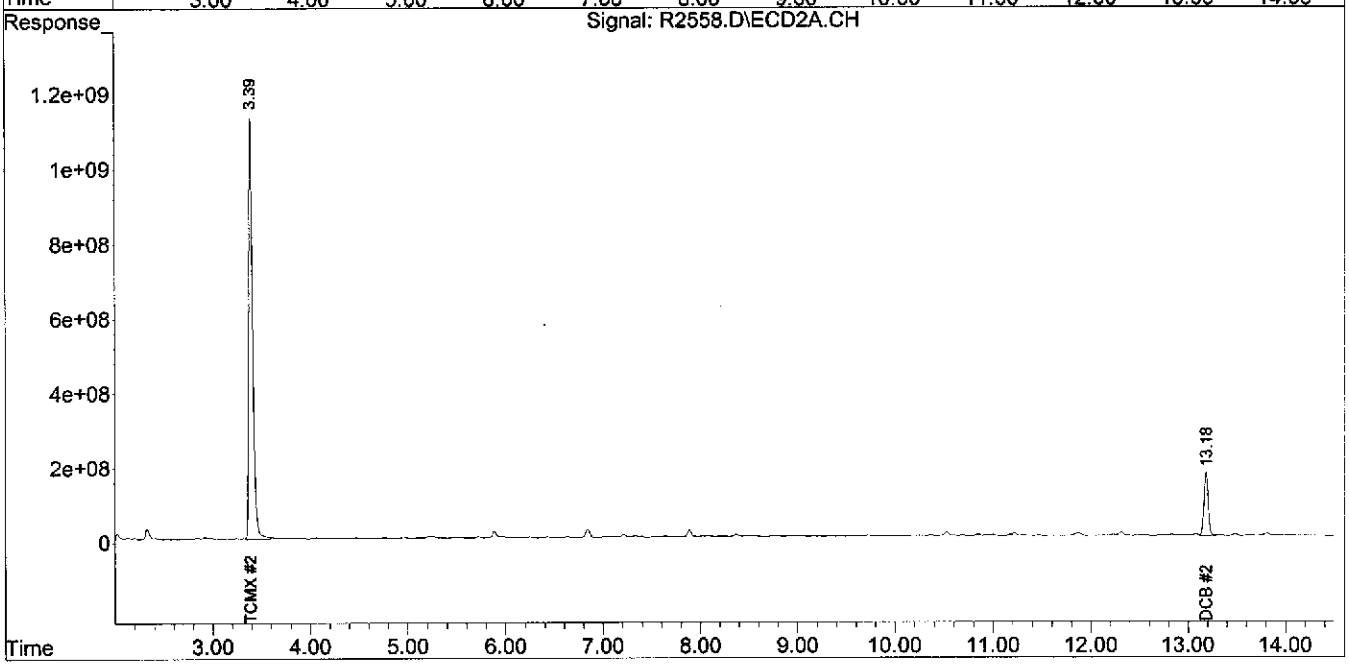
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2558.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 5:48
Operator : YG
Sample : X-32_(4.0-,07431-004,S,5.17g,67.2,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:23:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2559.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 6:06
Operator : YG
Sample : X-32_(4.75,07431-005,S,5.11g,23.2,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:47:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	56367.1E6	40498.8E6	328.063m	281.339
Spiked Amount 200.000			Recovery	=	164.03%	140.67%
2) S DCB	13.10	13.18	11977.5E6	6037.2E6	205.185	150.720 #
Spiked Amount 200.000			Recovery	=	102.59%	75.36%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

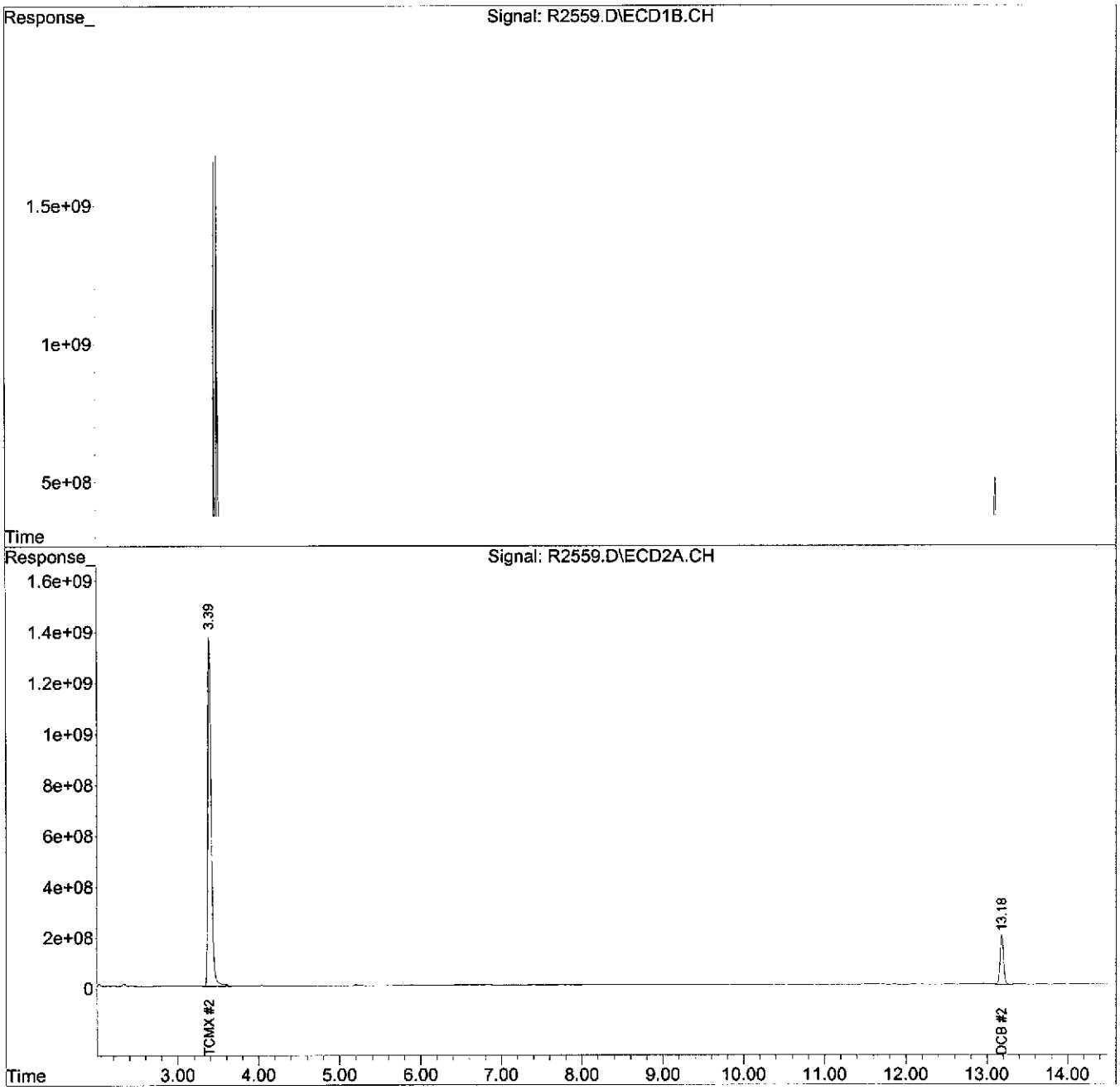
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

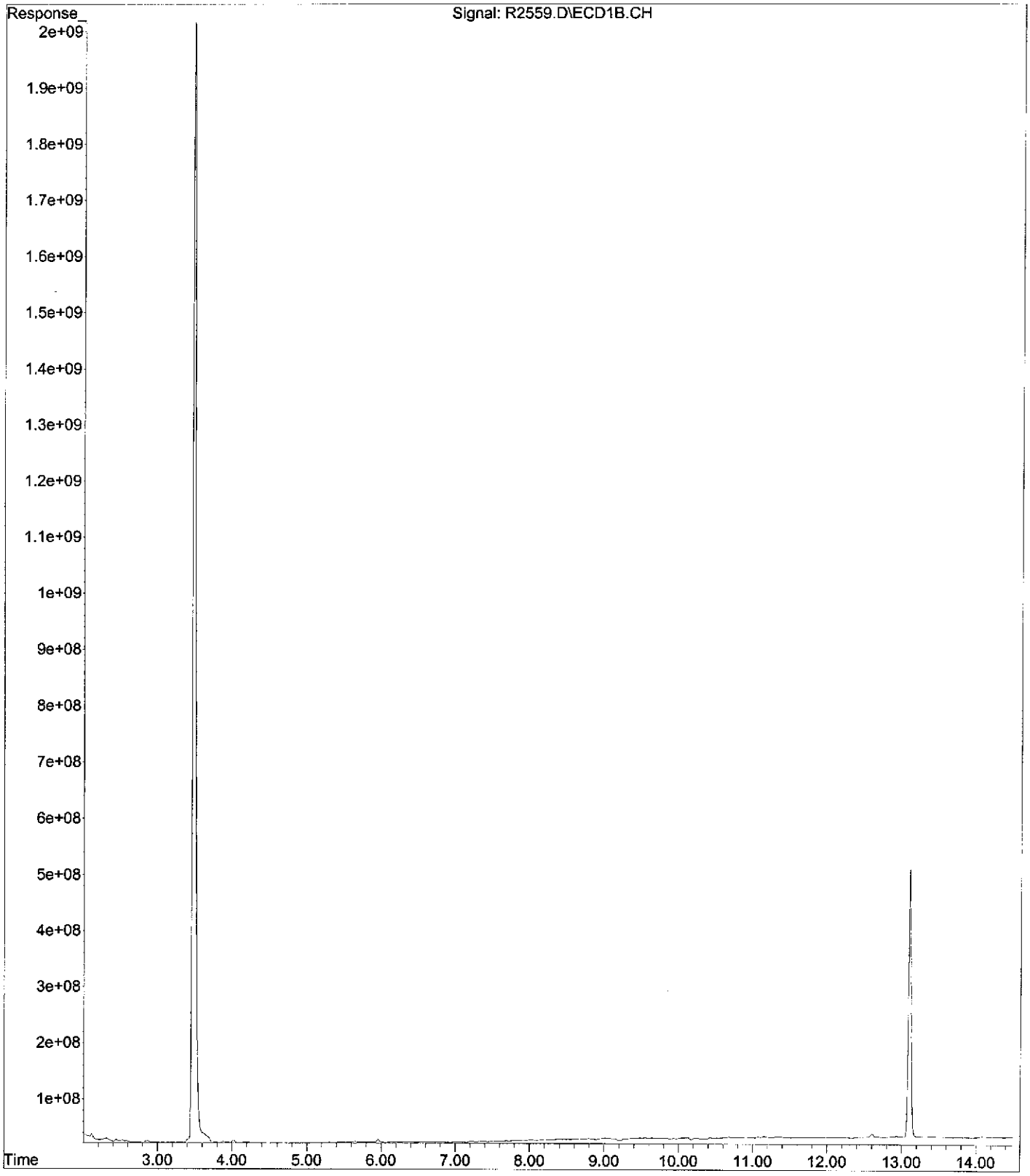
Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2559.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 6:06
Operator : YG
Sample : X-32_(4.75,07431-005,S,5.11g,23.2,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:47:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



File :C:\MSDChem\1\DATA\08-07-12\R2559.D
Operator : YG
Acquired : 08 Aug 2012 6:06 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-32_(4.75,07431-005,S,5.11g,23.2,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 36



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2560.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 6:23
Operator : YG
Sample : X-31_(0-2.,07431-006,S,5.56g,7.40,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	503.9E6	385.6E6	66.154	69.054m
24) L6 Aroclor-1248 {2}	5.87	6.30	362.2E6	639.9E6	84.425	80.129m
25) L6 Aroclor-1248 {3}	6.20	6.71	510.1E6	490.7E6	92.862	82.217m
26) L6 Aroclor-1248 {4}	6.93	6.86	994.6E6	440.9E6	116.729	86.340m#
27) L6 Aroclor-1248 {5}	7.21	7.22	763.2E6	310.6E6	106.614	107.541m
Sum Aroclor-1248			3134.0E6	2267.6E6	466.784	425.281
Average Aroclor-1248					93.357	85.056
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.76	1151.2E6	524.6E6	82.112m	83.069m
34) L8 Aroclor-1260 {2}	9.94	9.16	661.3E6	530.3E6	89.185m	72.662m
35) L8 Aroclor-1260 {3}	10.42	10.36	1792.4E6	417.5E6	71.672m	82.843m
36) L8 Aroclor-1260 {4}	10.91	10.87	662.5E6	729.7E6	63.747m	72.763m
37) L8 Aroclor-1260 {5}	11.98	11.47	285.9E6	483.0E6	61.593m	59.466m
Sum Aroclor-1260			4553.4E6	2685.3E6	368.308	370.803
Average Aroclor-1260					73.662	74.161
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

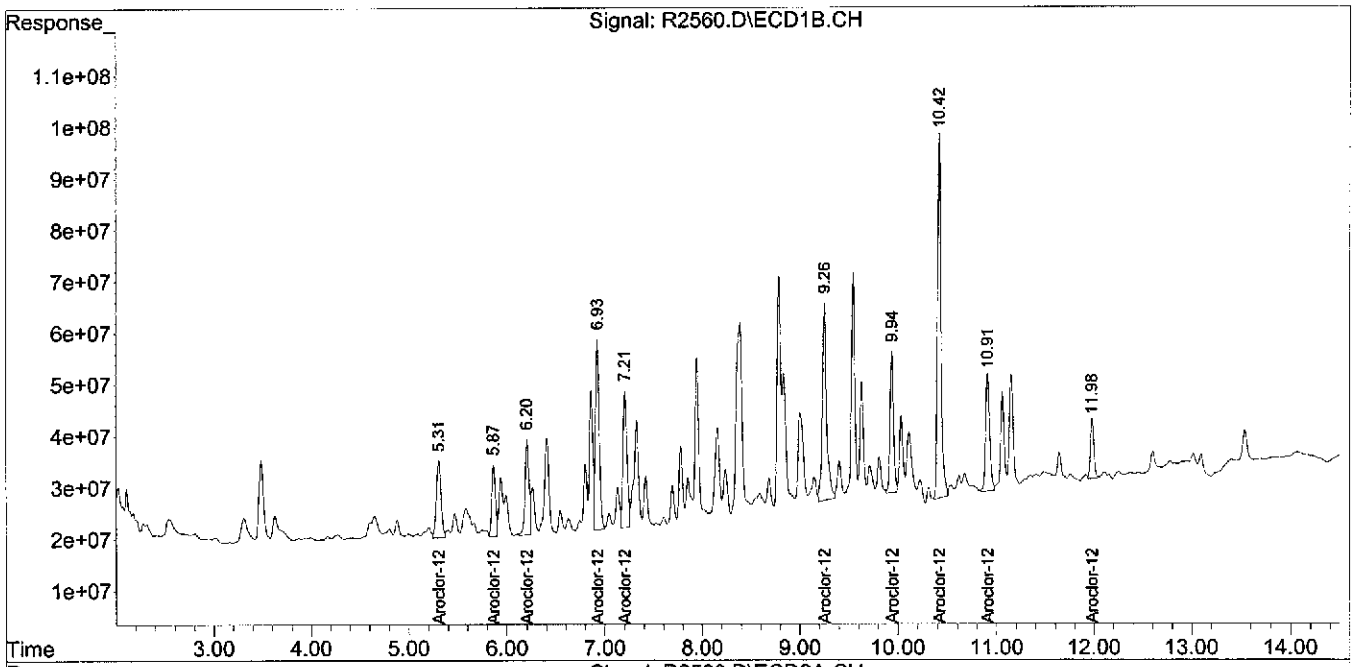
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

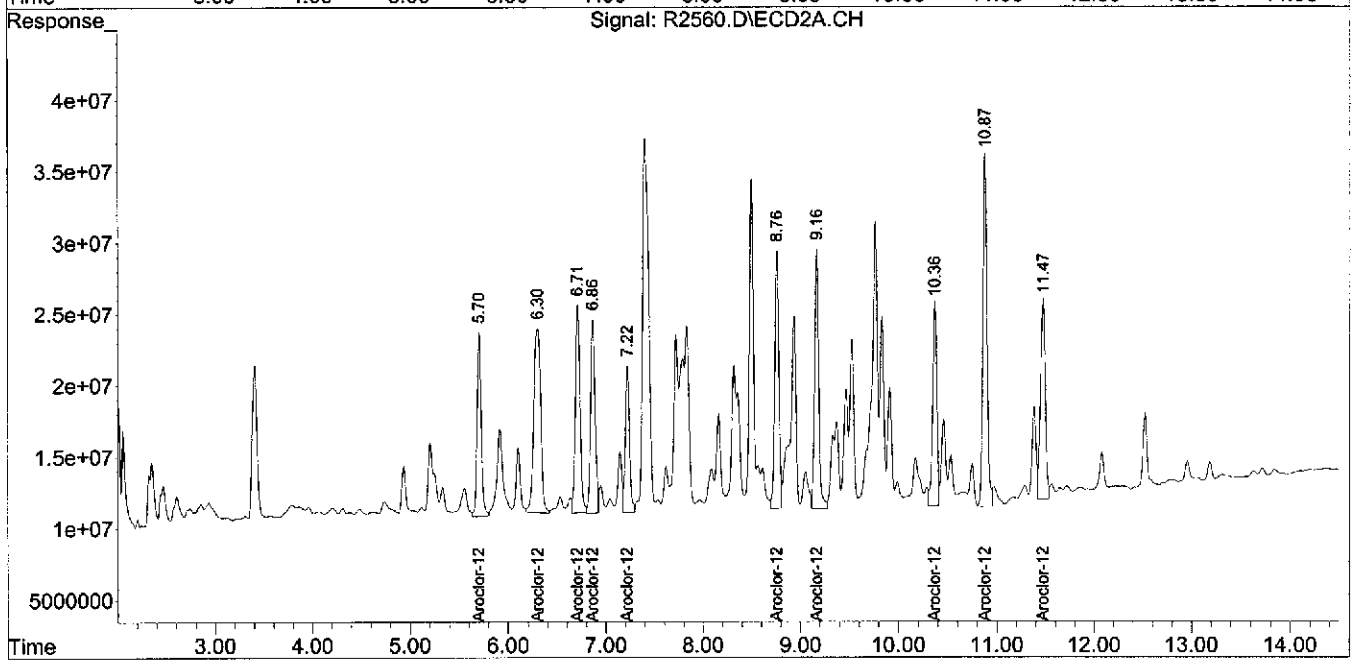
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2560.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 6:23
Operator : YG
Sample : X-31_(0-2.,07431-006,S,5.56g,7.40,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2600.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:42
Operator : YG
Sample : X-31_(2.0-,07431-007,S,5.21g,36.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:46:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	2854.9E6	2048.3E6	16.616m	14.229
Spiked Amount 200.000			Recovery	=	8.31%	7.11%
2) S DCB	13.10	13.19	914.6E6	300.4E6	15.668m	7.499m#
Spiked Amount 200.000			Recovery	=	7.83%	3.75%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

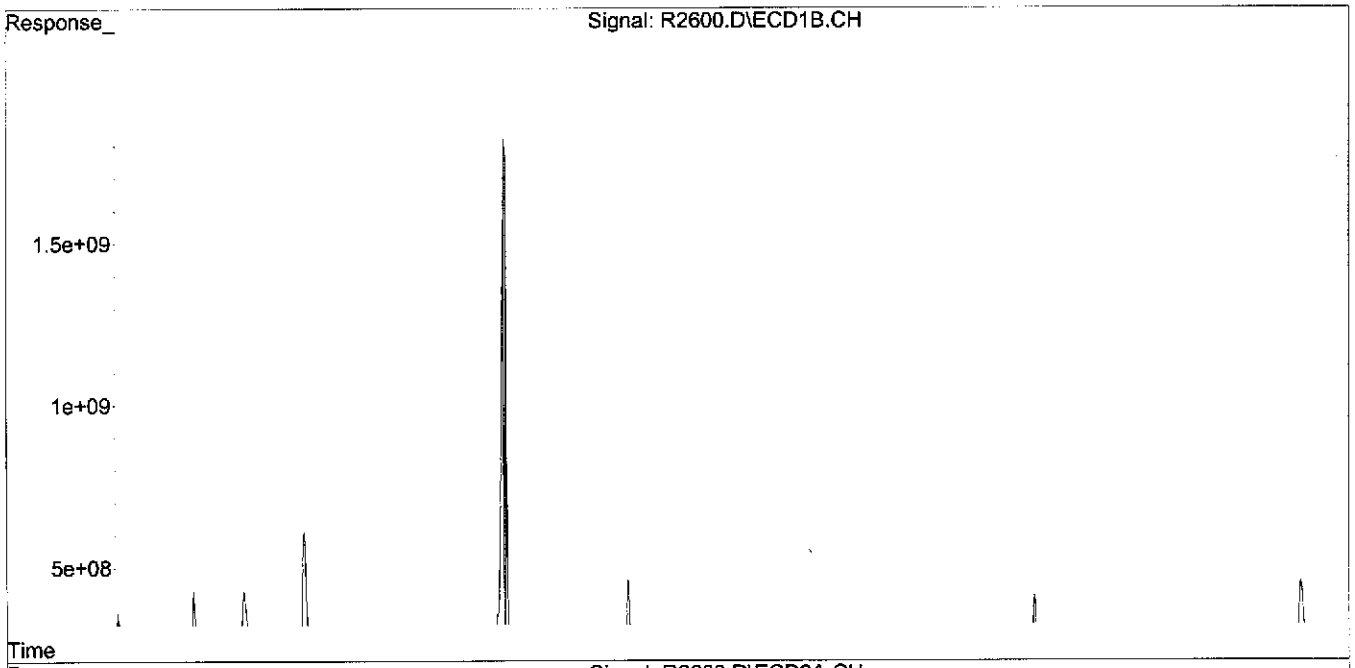
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

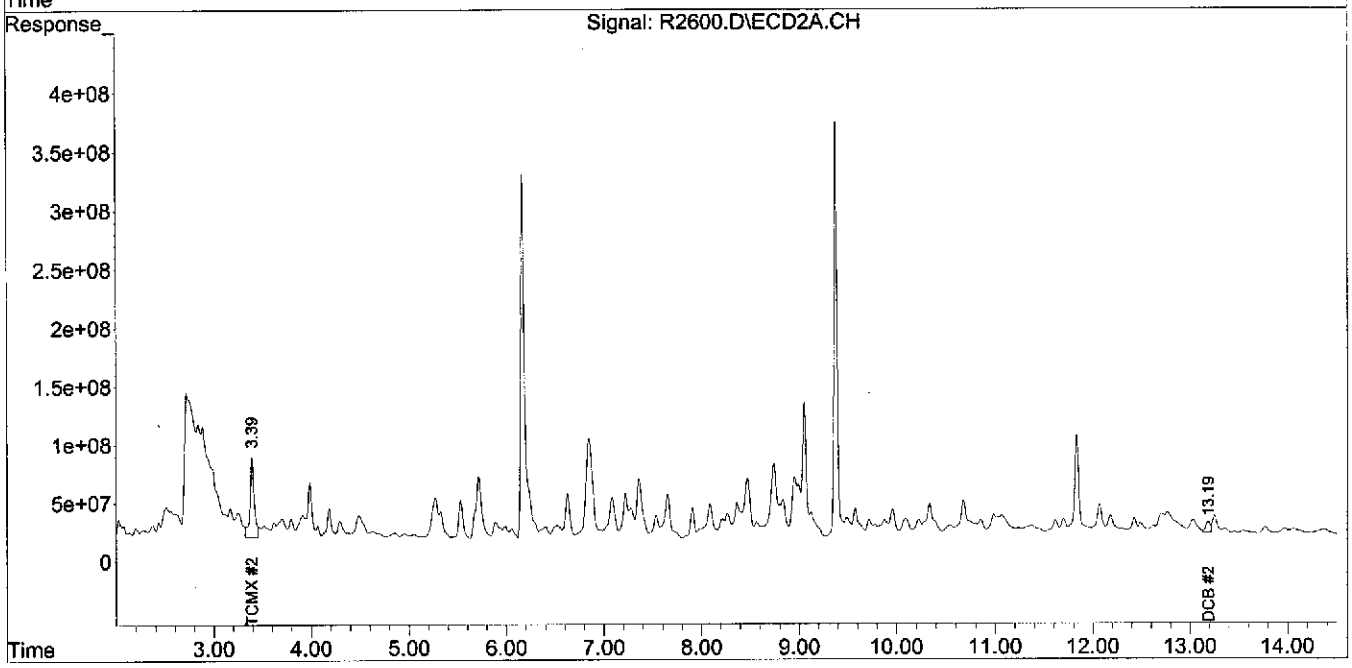
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2600.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:42
Operator : YG
Sample : X-31_(2.0-,07431-007,S,5.21g,36.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 15 Sample Multiplier: 1

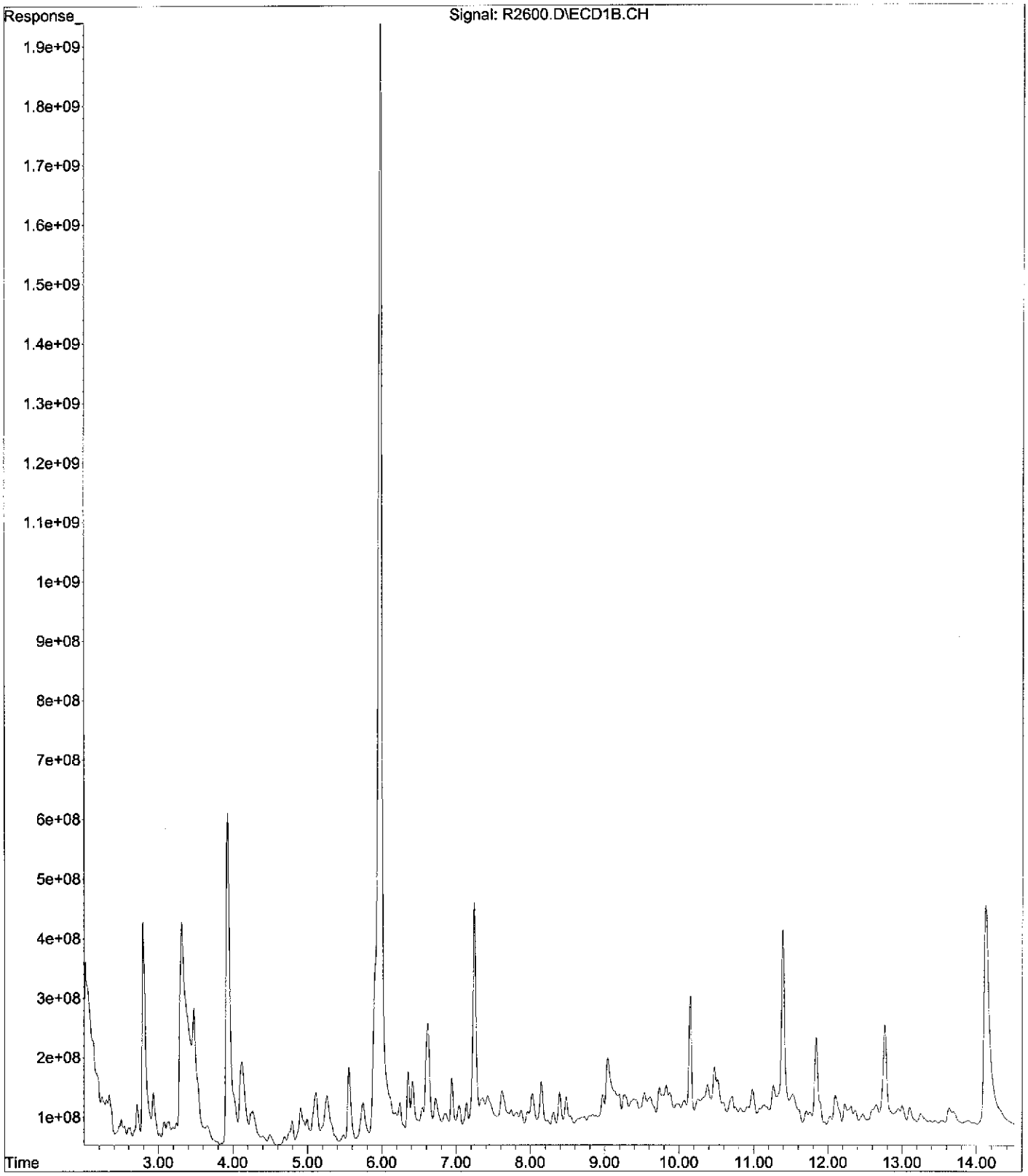
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:46:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-08-12\R2600.D
Operator : YG
Acquired : 08 Aug 2012 22:42 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-31_(2.0-,07431-007,S,5.21g,36.8,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,10
Vial Number: 15



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2601.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:59
Operator : YG
Sample : X-31_(4.0-,07431-008,S,5.15g,77.7,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:47:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.40	31688.5E6	21862.2E6	184.431	151.874
Spiked Amount 200.000			Recovery	=	92.22%	75.94%
2) S DCB	13.10	13.18	8687.3E6	4079.8E6	148.821	101.853m#
Spiked Amount 200.000			Recovery	=	74.41%	50.93%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

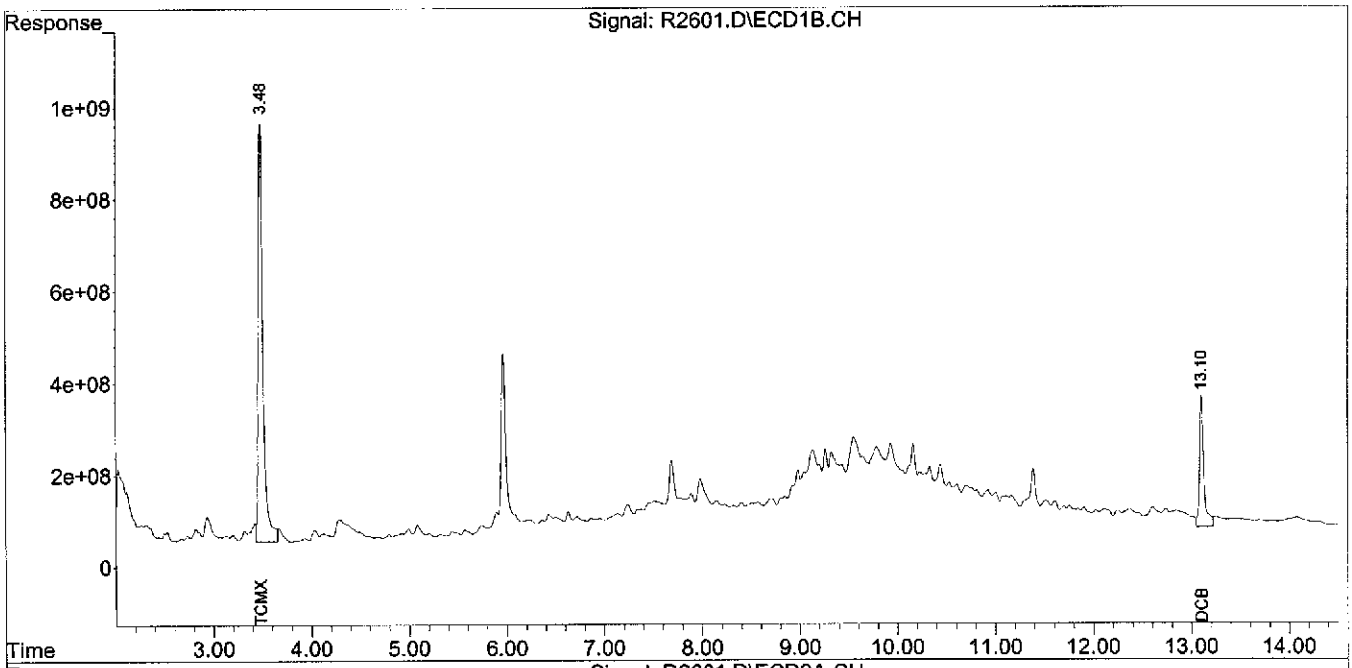
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

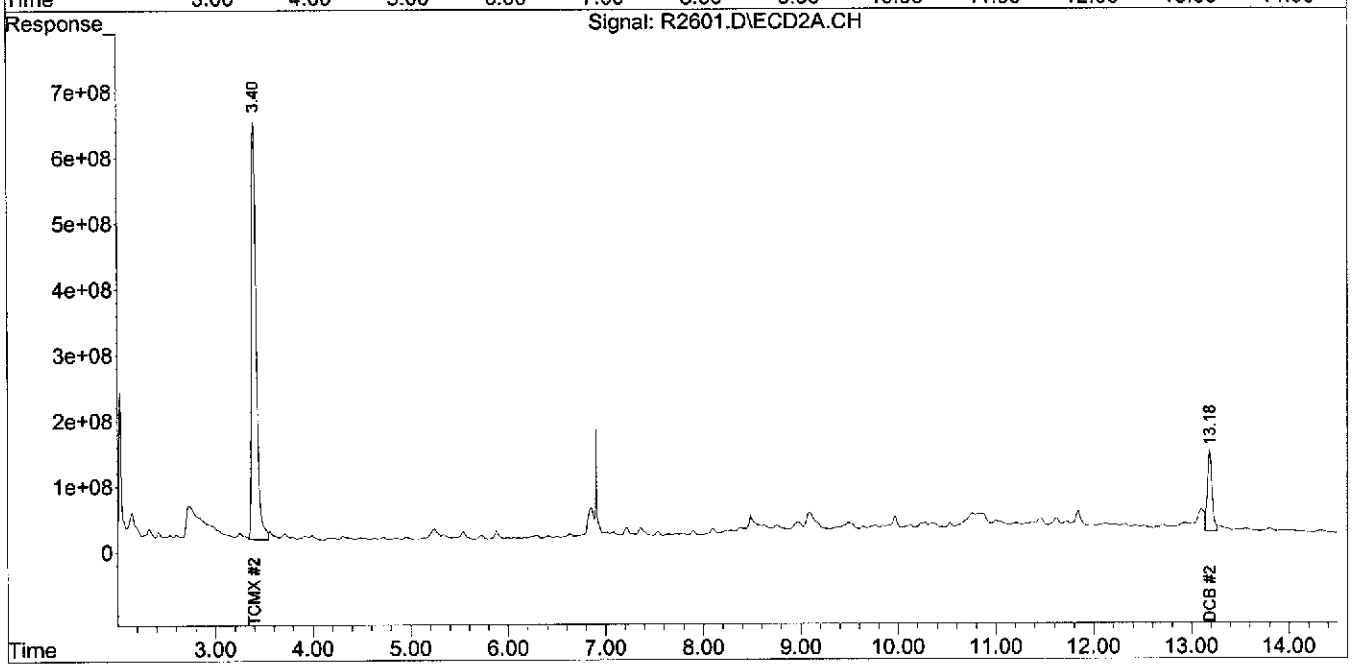
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2601.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 22:59
Operator : YG
Sample : X-31_(4.0-,07431-008,S,5.15g,77.7,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:47:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2602.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 23:17
Operator : YG
Sample : X-31_(4.75,07431-009,S,5.05g,31.3,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:48:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	2552.5E6	1729.0E6	14.856m	12.011
Spiked Amount 200.000			Recovery	=	7.43%	6.01%
2) S DCB	13.10	13.18	656.0E6	248.5E6	11.238m	6.205m#
Spiked Amount 200.000			Recovery	=	5.62%	3.10%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

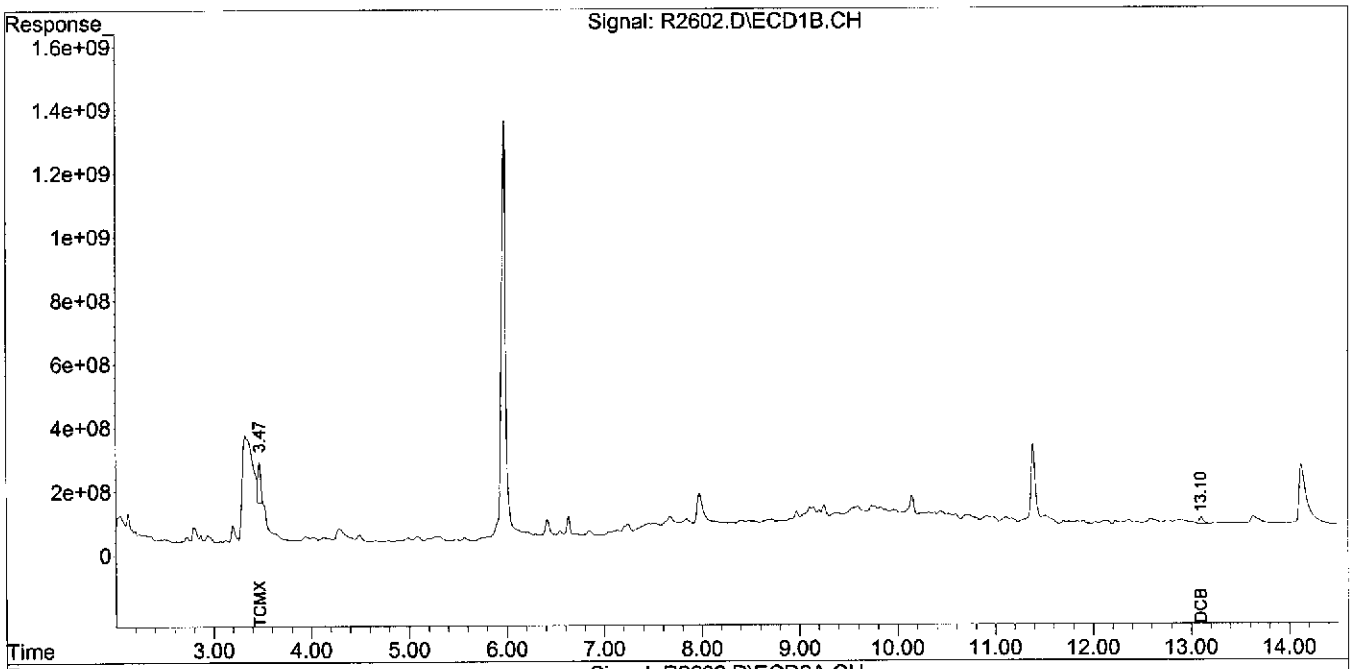
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

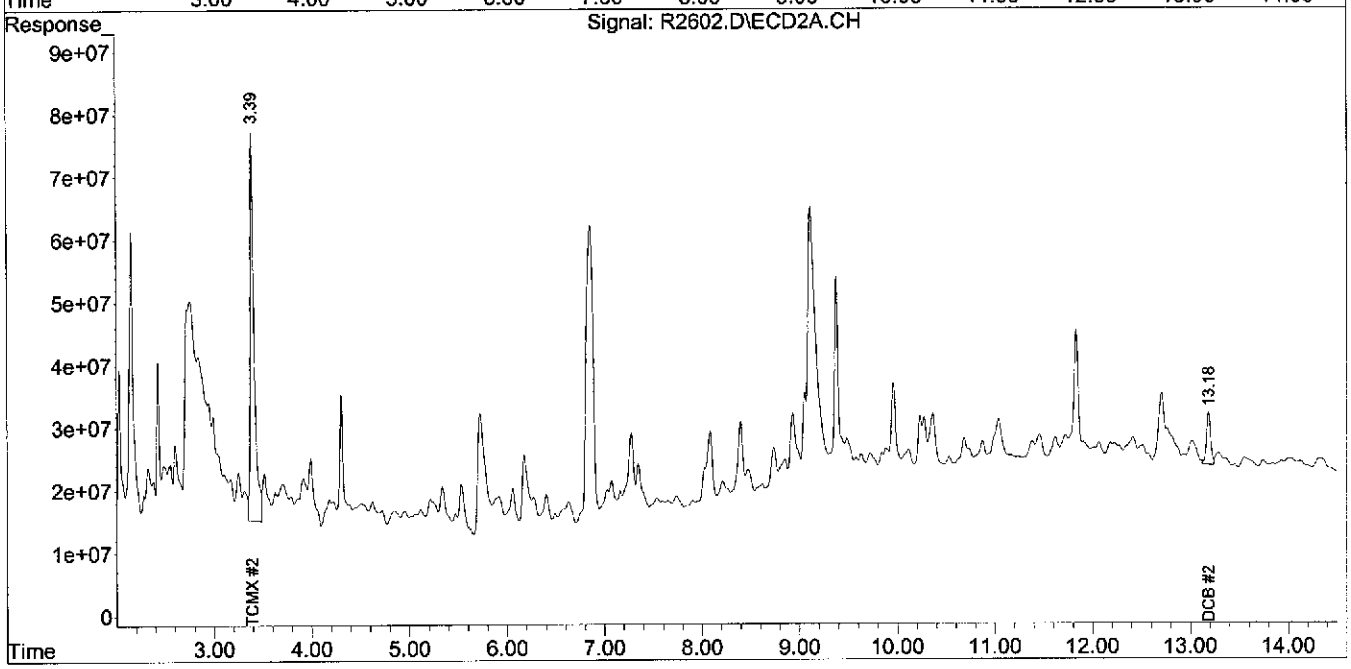
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2602.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 23:17
Operator : YG
Sample : X-31_(4.75,07431-009,S,5.05g,31.3,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:48:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2564.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 7:33
Operator : YG
Sample : X-31_(6.0-,07431-010,S,5.33g,15.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:26:37 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	39403.5E6	28618.6E6	229.333	198.809
Spiked Amount 200.000			Recovery	=	114.67%	99.40%
2) S DCB	13.10	13.18	9555.3E6	6516.0E6	163.690	162.672
Spiked Amount 200.000			Recovery	=	81.84%	81.34%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

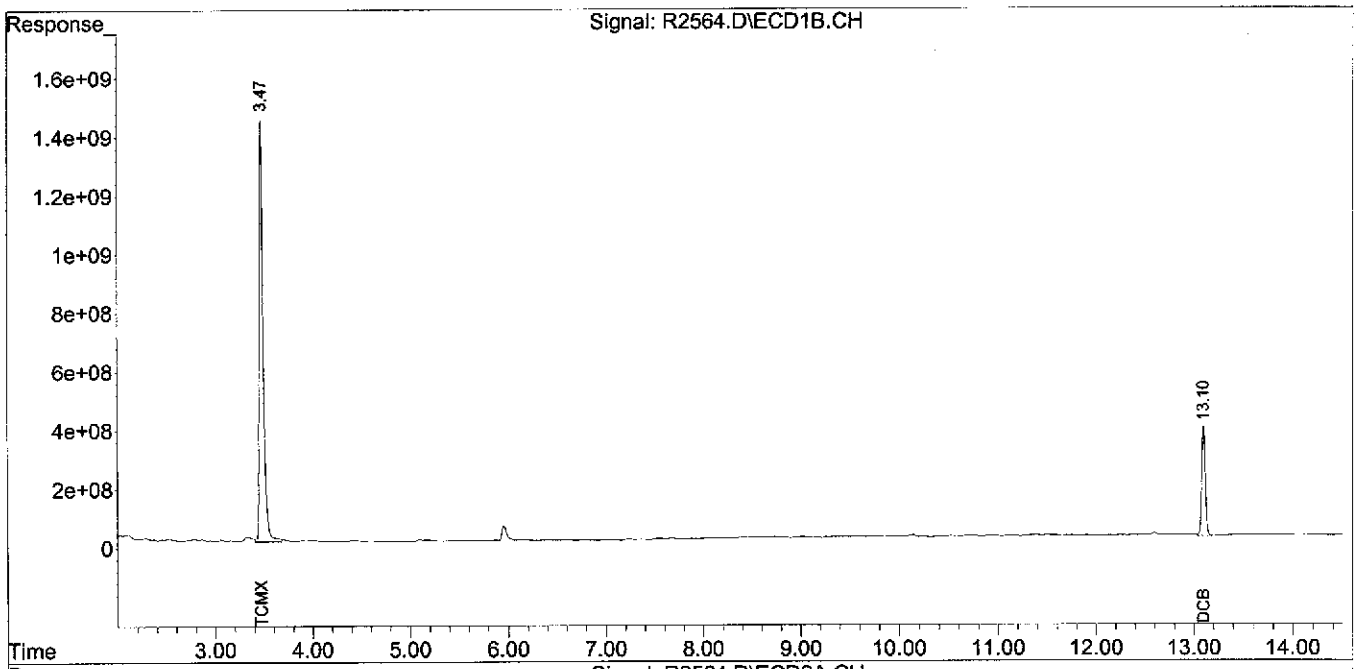
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

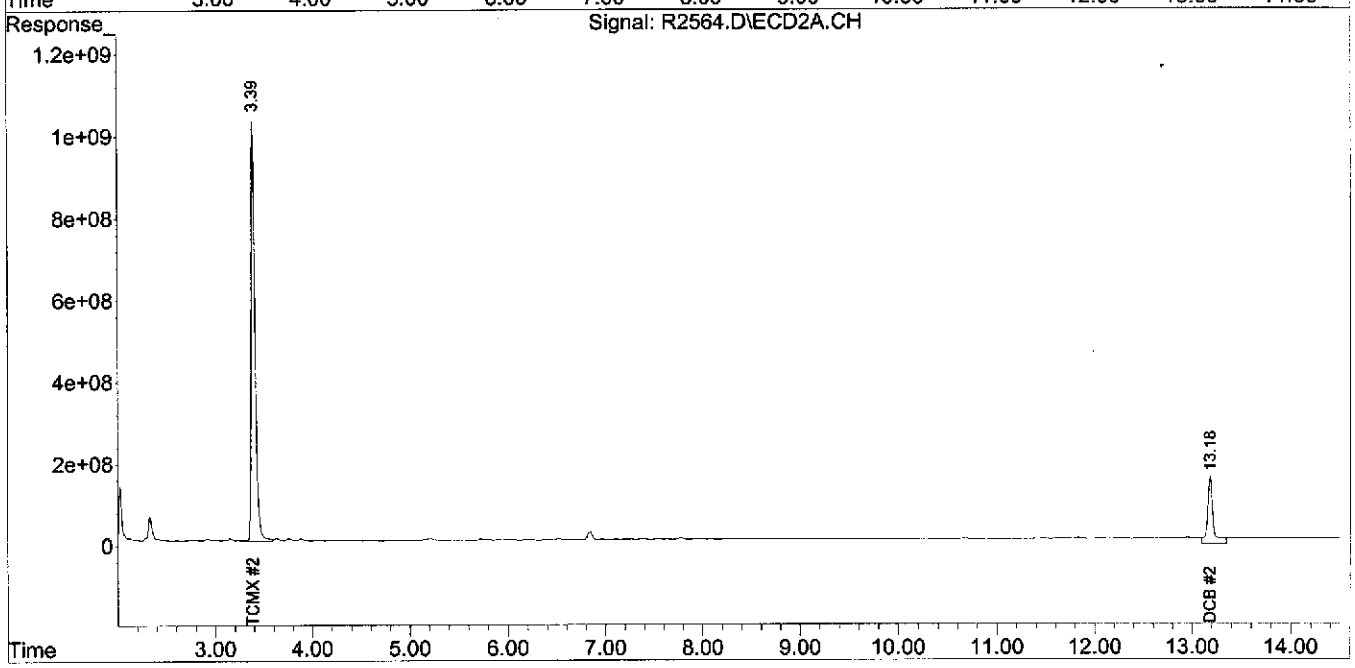
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2564.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 7:33
Operator : YG
Sample : X-31_(6.0-,07431-010,S,5.33g,15.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:26:37 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2565.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 7:51
Operator : YG
Sample : X-29_(0-2.,07431-011,S,5.68g,14.4,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:28:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	192.2E6	176.7E6	25.228	31.633 #
24) L6 Aroclor-1248 {2}	5.86	6.30	233.1E6	477.9E6	54.330	59.845
25) L6 Aroclor-1248 {3}	6.20	6.71	284.4E6	365.6E6	51.781	61.263
26) L6 Aroclor-1248 {4}	6.93	6.86	693.0E6	367.4E6	81.335	71.952
27) L6 Aroclor-1248 {5}	7.21	7.22	510.0E6	186.9E6	71.240	64.711
Sum Aroclor-1248			1912.7E6	1574.4E6	283.914	289.404
Average Aroclor-1248					56.783	57.881
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.75	290.6E6	240.6E6	20.730m	38.091m#
34) L8 Aroclor-1260 {2}	9.94	9.16	199.6E6	161.8E6	26.915m	22.172m
35) L8 Aroclor-1260 {3}	10.42	10.36	539.5E6	139.5E6	21.571m	27.683m#
36) L8 Aroclor-1260 {4}	10.91	10.87	197.9E6	234.6E6	19.038m	23.396
37) L8 Aroclor-1260 {5}	11.98	11.47	155.1E6	176.7E6	33.407m	21.752 #
Sum Aroclor-1260			1382.6E6	953.2E6	121.661	133.093
Average Aroclor-1260					24.332	26.619
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

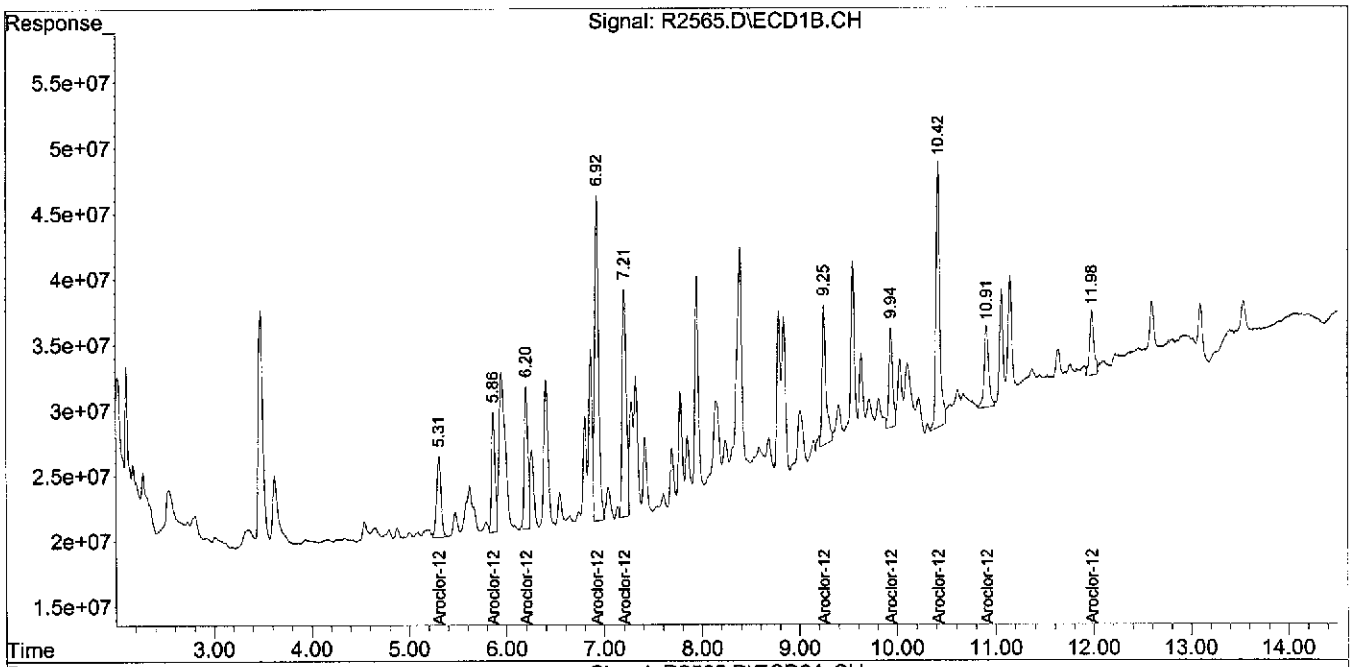
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

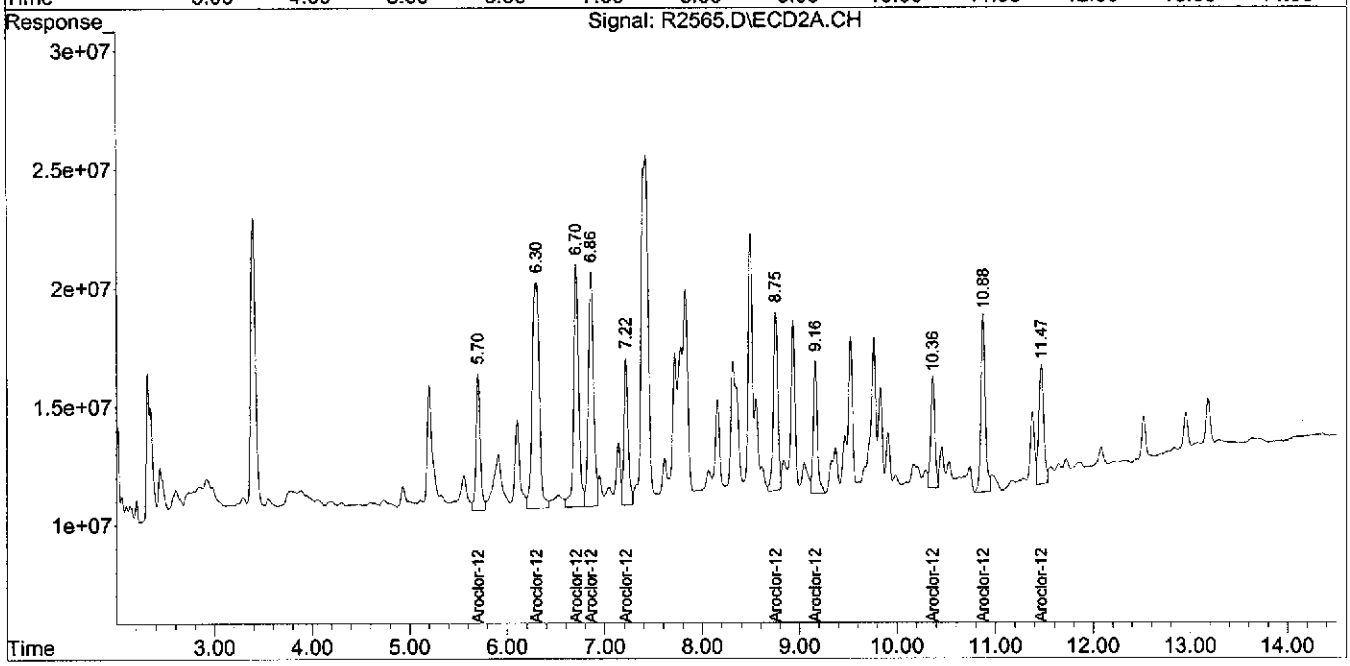
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2565.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 7:51
Operator : YG
Sample : X-29_(0-2.,07431-011,S,5.68g,14.4,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:28:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2566.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 8:08
Operator : YG
Sample : X-29_(2.0-,07431-012,S,5.14g,20.4,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:56:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	58200.6E6	44858.7E6	338.735m	311.627m
Spiked Amount 200.000			Recovery	=	169.37%	155.81%
2) S DCB	13.10	13.18	16824.2E6	7909.7E6	288.213	197.466 #
Spiked Amount 200.000			Recovery	=	144.11%	98.73%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

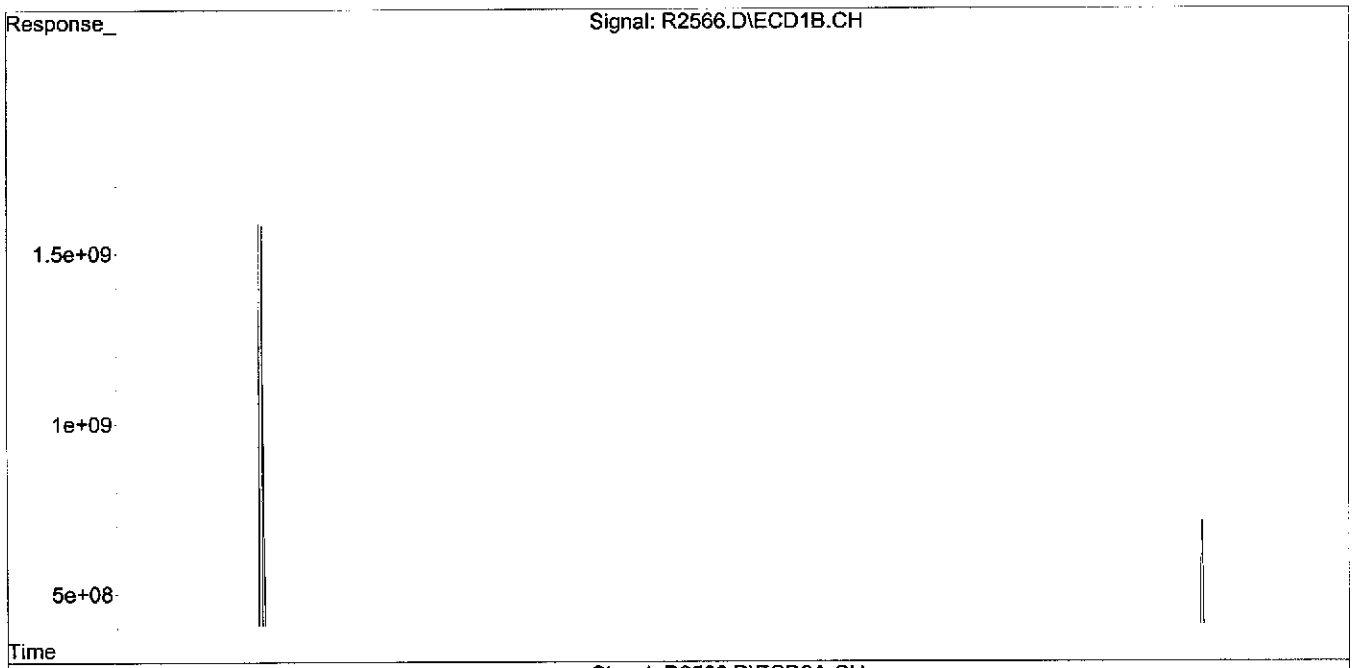
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

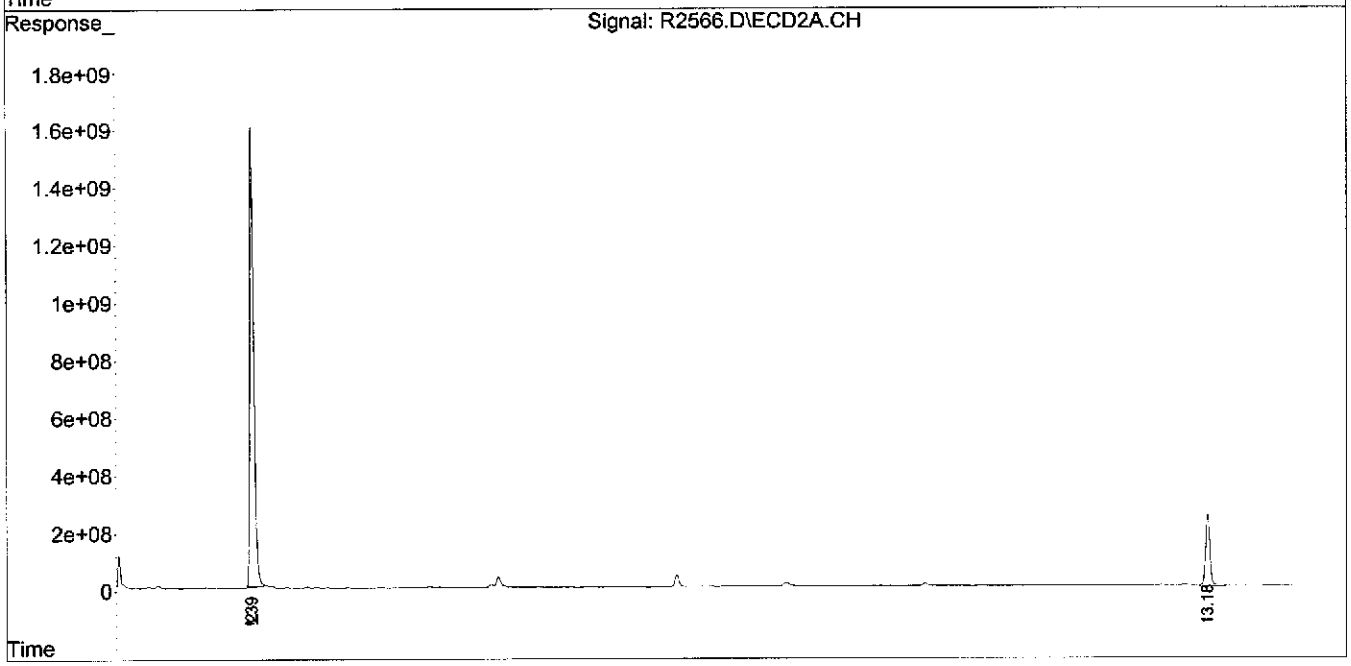
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2566.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 8:08
Operator : YG
Sample : X-29_(2.0-,07431-012,S,5.14g,20.4,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 43 Sample Multiplier: 1

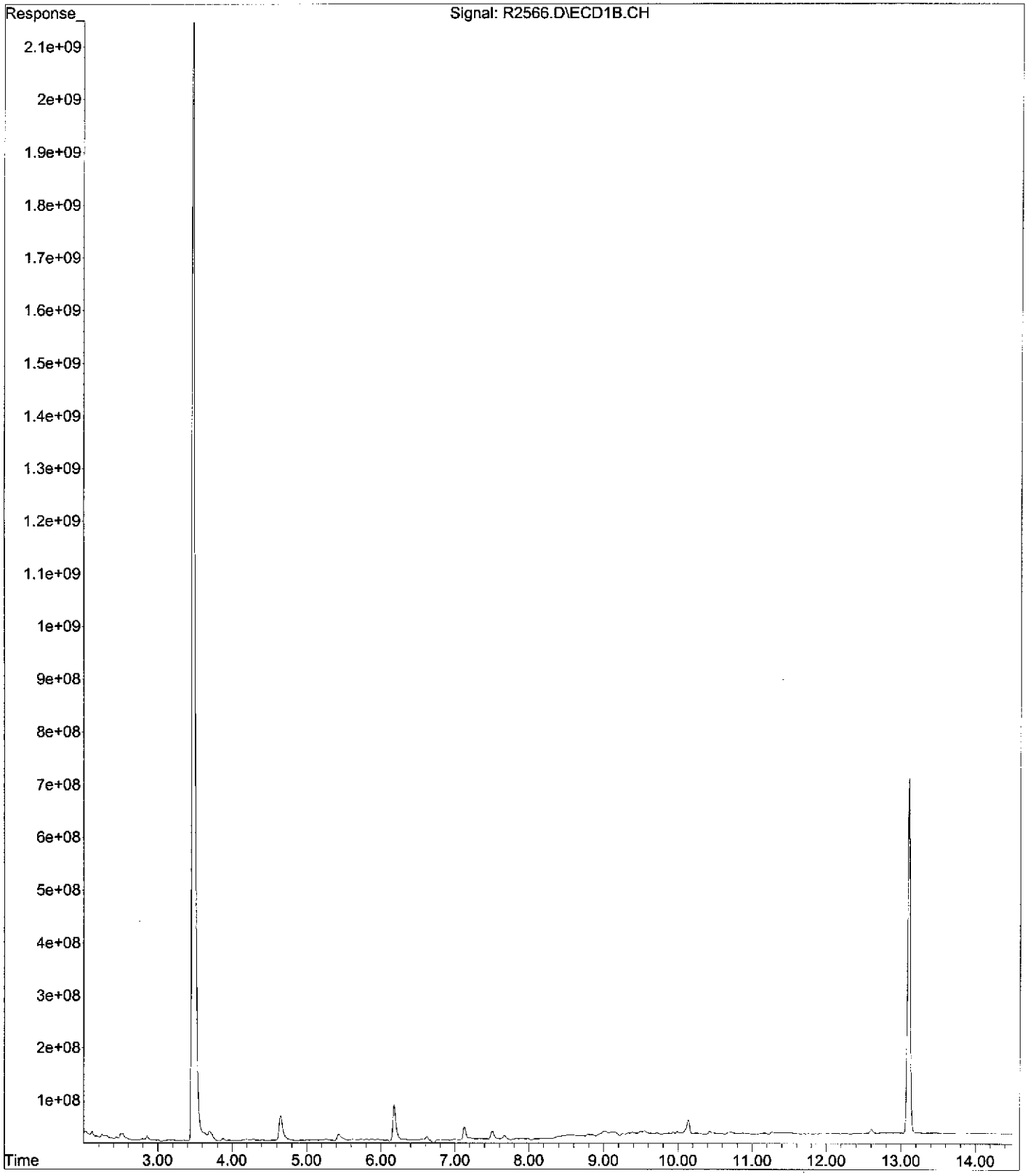
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:56:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-07-12\R2566.D
Operator : YG
Acquired : 08 Aug 2012 8:08 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-29 (2.0-,07431-012,S,5.14g,20.4,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 43



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2567.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 8:26
Operator : YG
Sample : X-29_(3.0-,07431-013,S,5.67g,65.0,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:01:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	54292.7E6	45655.8E6	315.990m	317.164m
Spiked Amount 200.000			Recovery	=	158.00%	158.58%
2) S DCB	13.10	13.18	19389.5E6	8909.8E6	332.159m	222.433 #
Spiked Amount 200.000			Recovery	=	166.08%	111.22%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

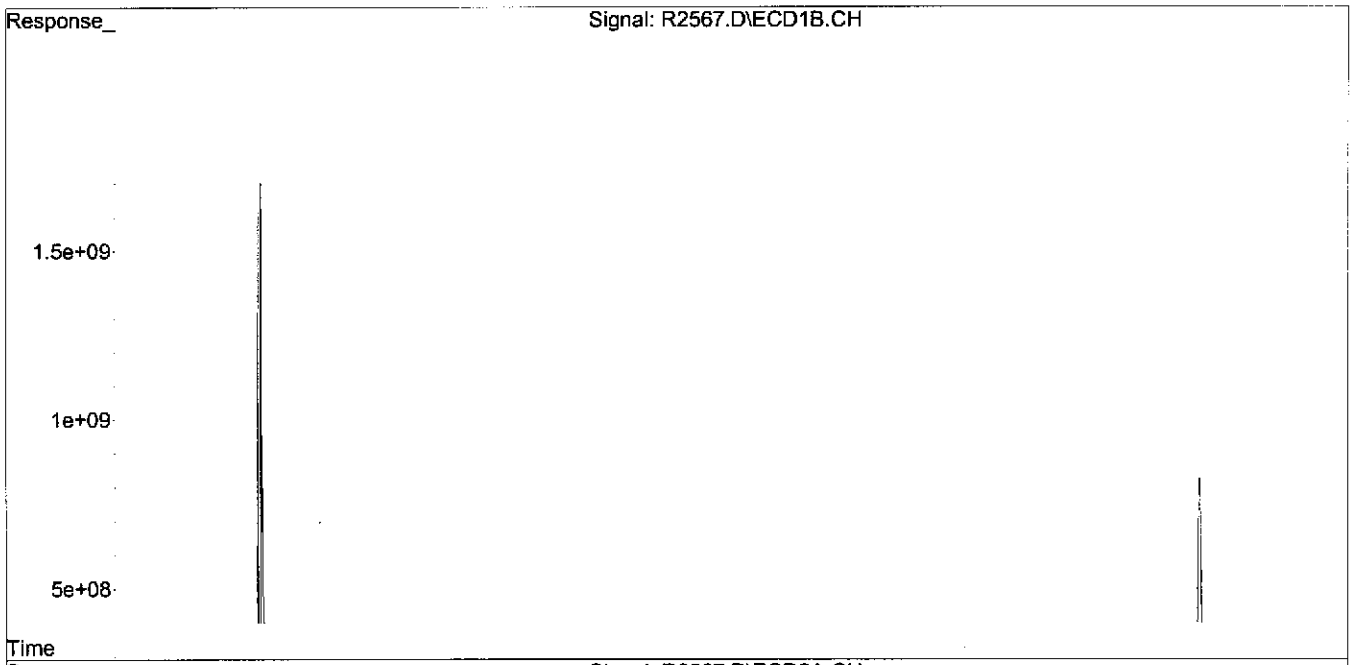
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

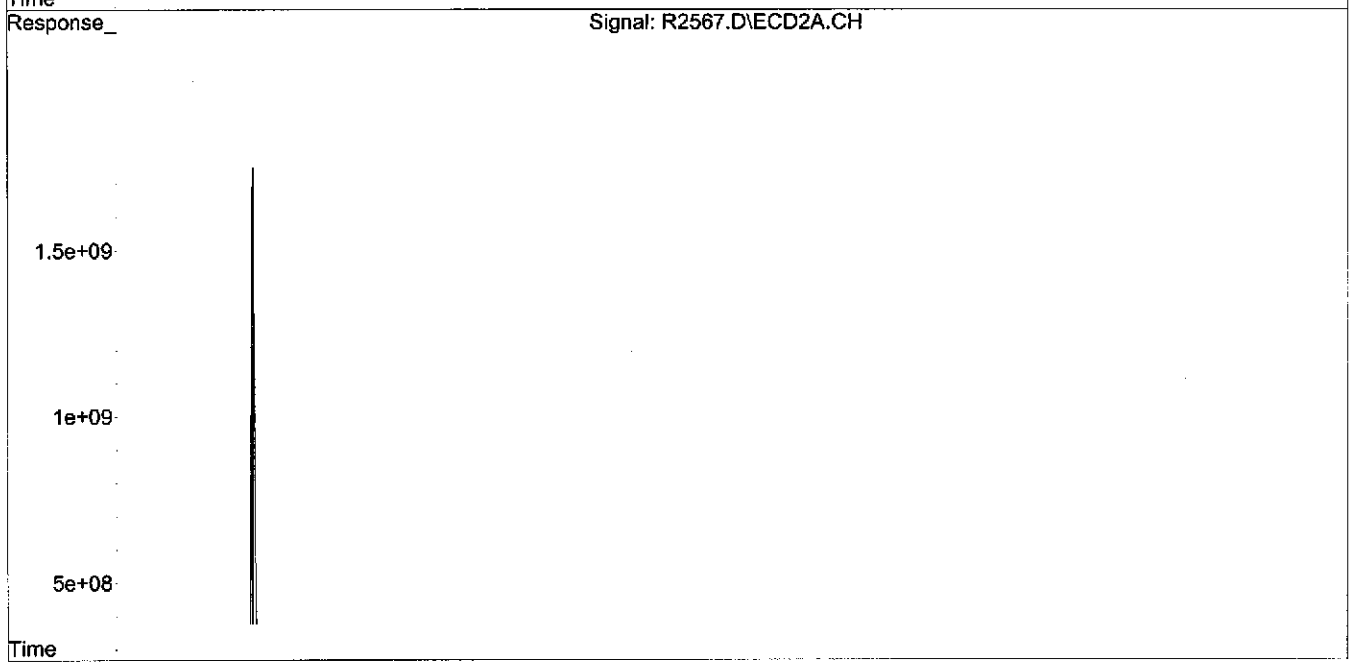
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2567.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 8:26
Operator : YG
Sample : X-29_(3.0-,07431-013,S,5.67g,65.0,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 44 Sample Multiplier: 1

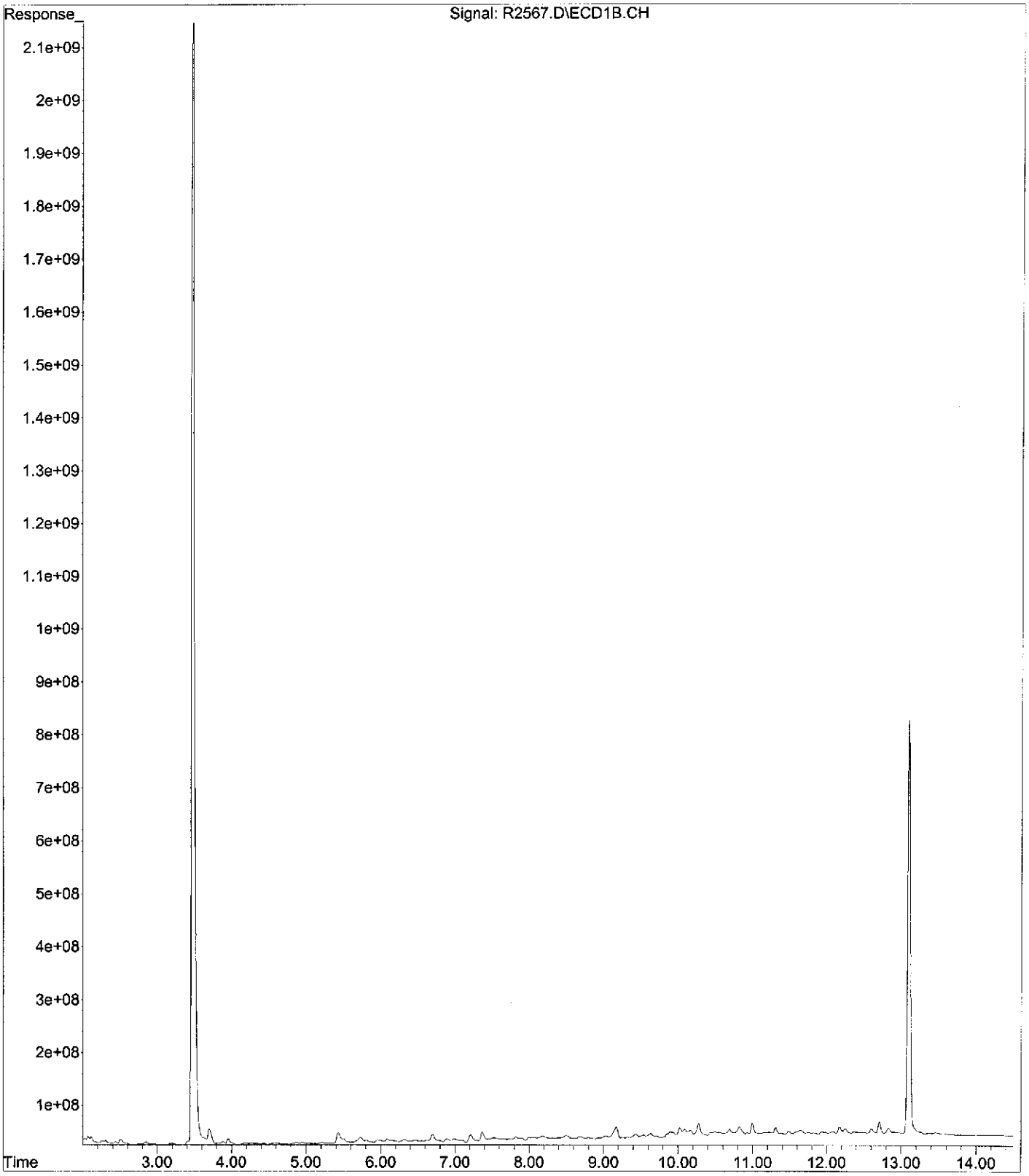
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:01:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

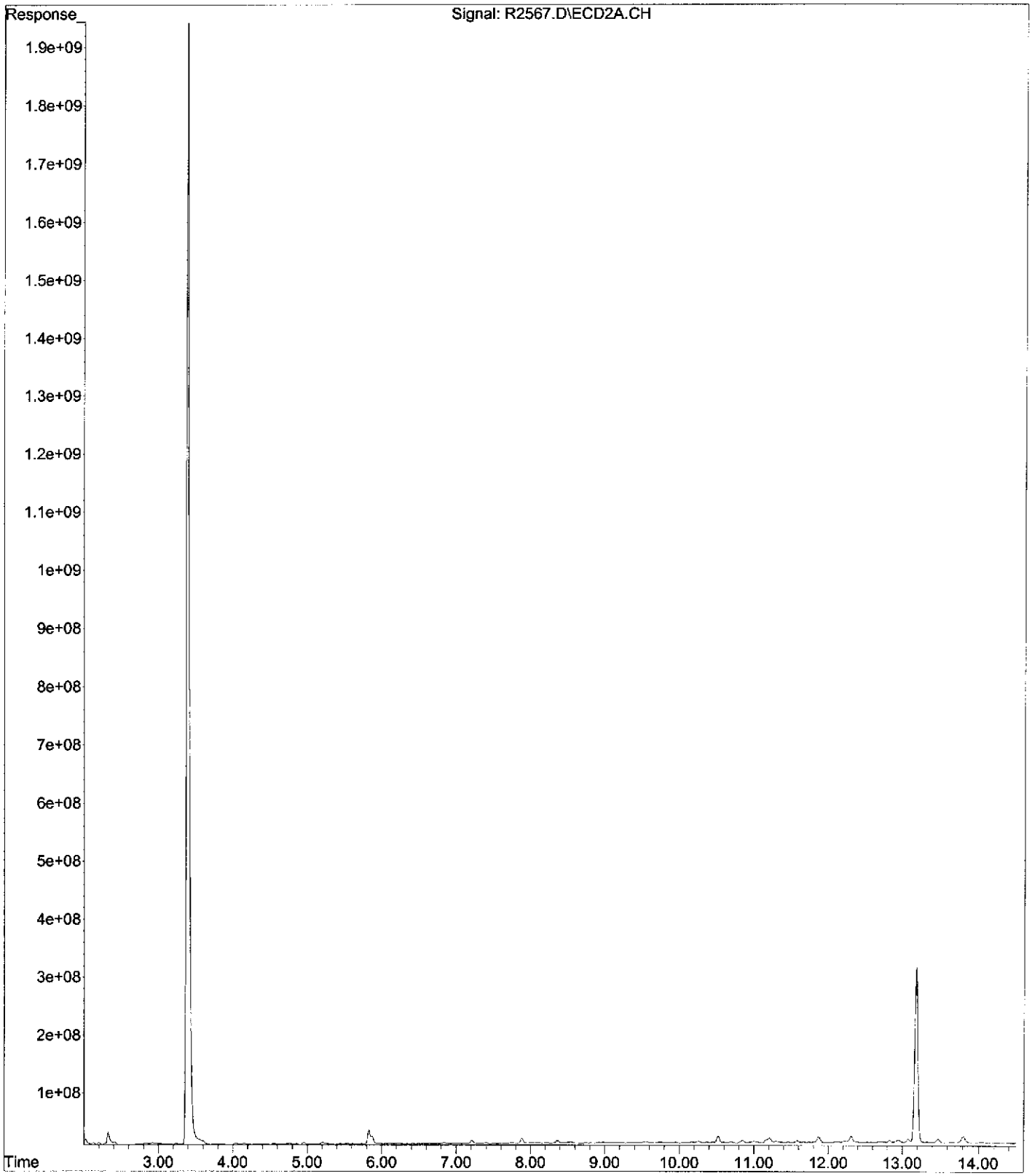




File :C:\MSDChem\1\DATA\08-07-12\R2567.D
Operator : YG
Acquired : 08 Aug 2012 8:26 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-29_(3.0-,07431-013,S,5.67g,65.0,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 44



File :C:\MSDChem\1\DATA\08-07-12\R2567.D
Operator : YG
Acquired : 08 Aug 2012 8:26 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-29_(3.0-,07431-013,S,5.67g,65.0,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 44



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2568.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 8:43
Operator : YG
Sample : X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:36:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.46	3.38	73394.9E6	62466.5E6	427.167m	433.946m
Spiked Amount 200.000			Recovery	=	213.58%	216.97%
2) S DCB	13.10	13.18	22407.7E6	10366.9E6	383.864	258.811 #
Spiked Amount 200.000			Recovery	=	191.93%	129.41%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

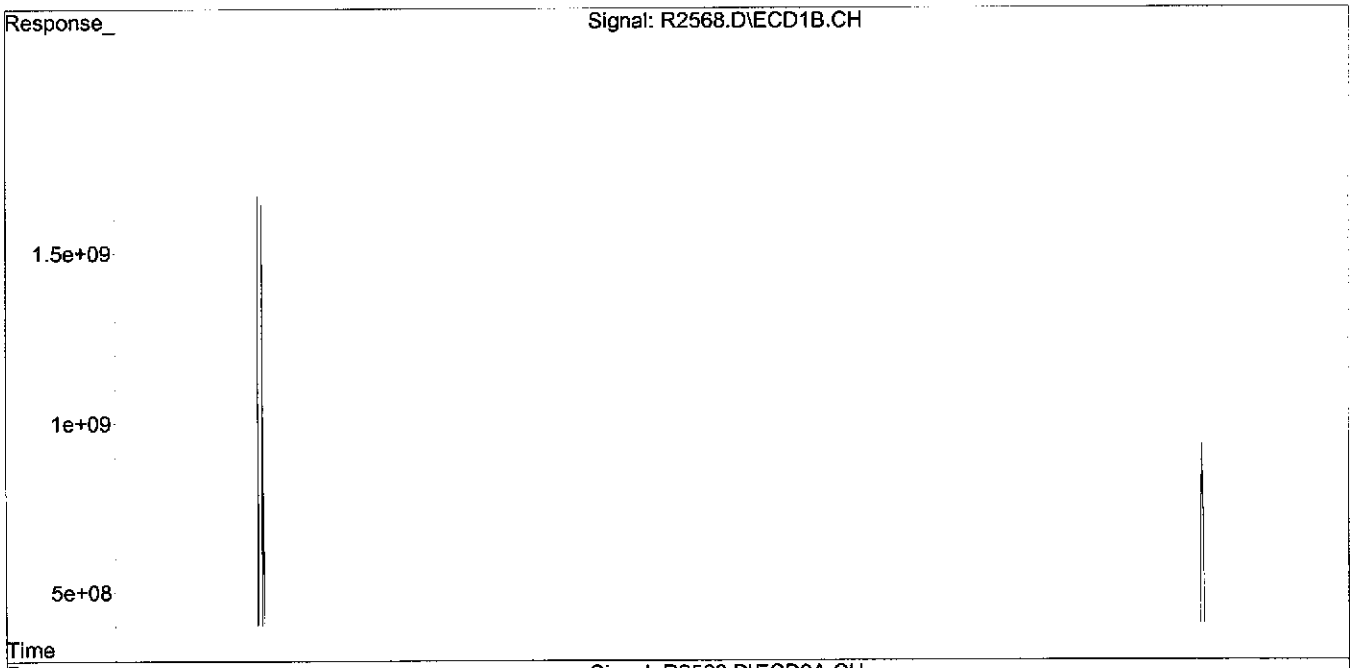
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

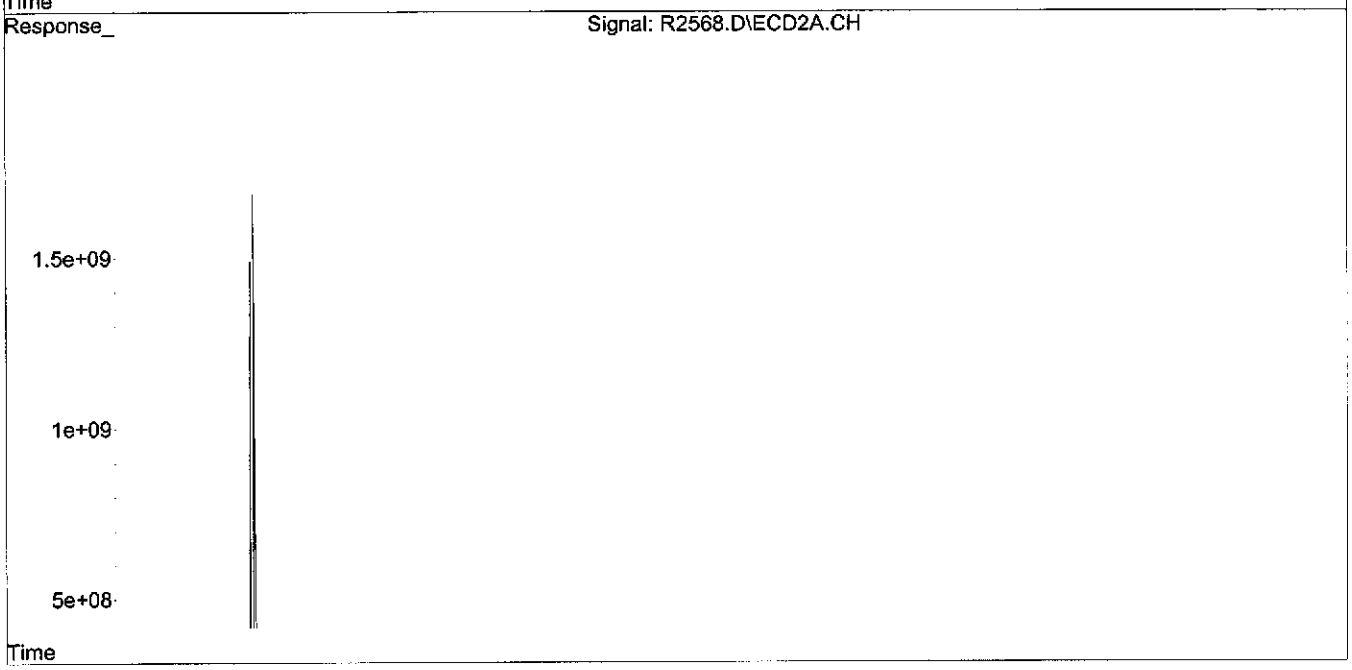
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2568.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 8:43
Operator : YG
Sample : X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 45 Sample Multiplier: 1

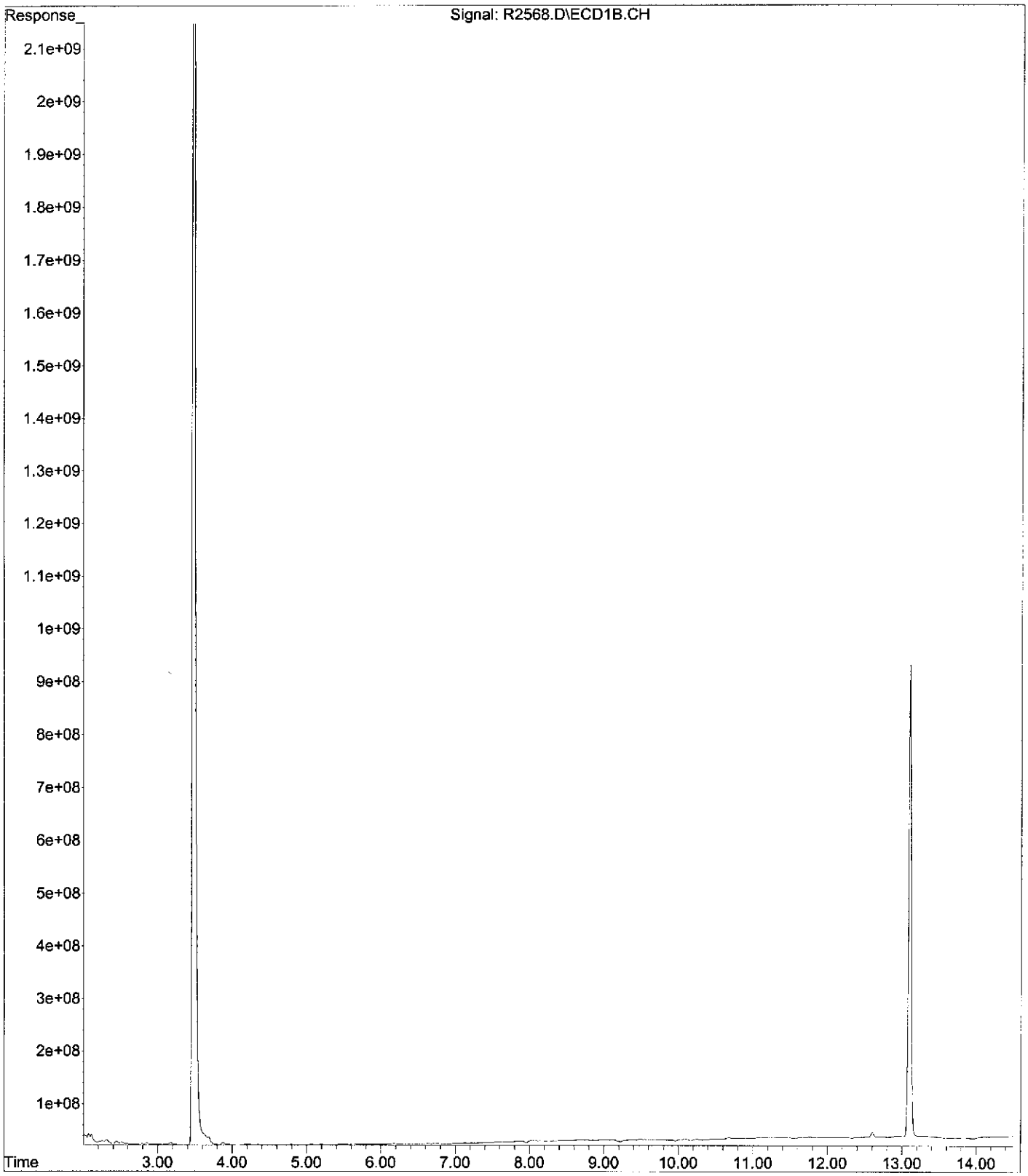
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:36:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

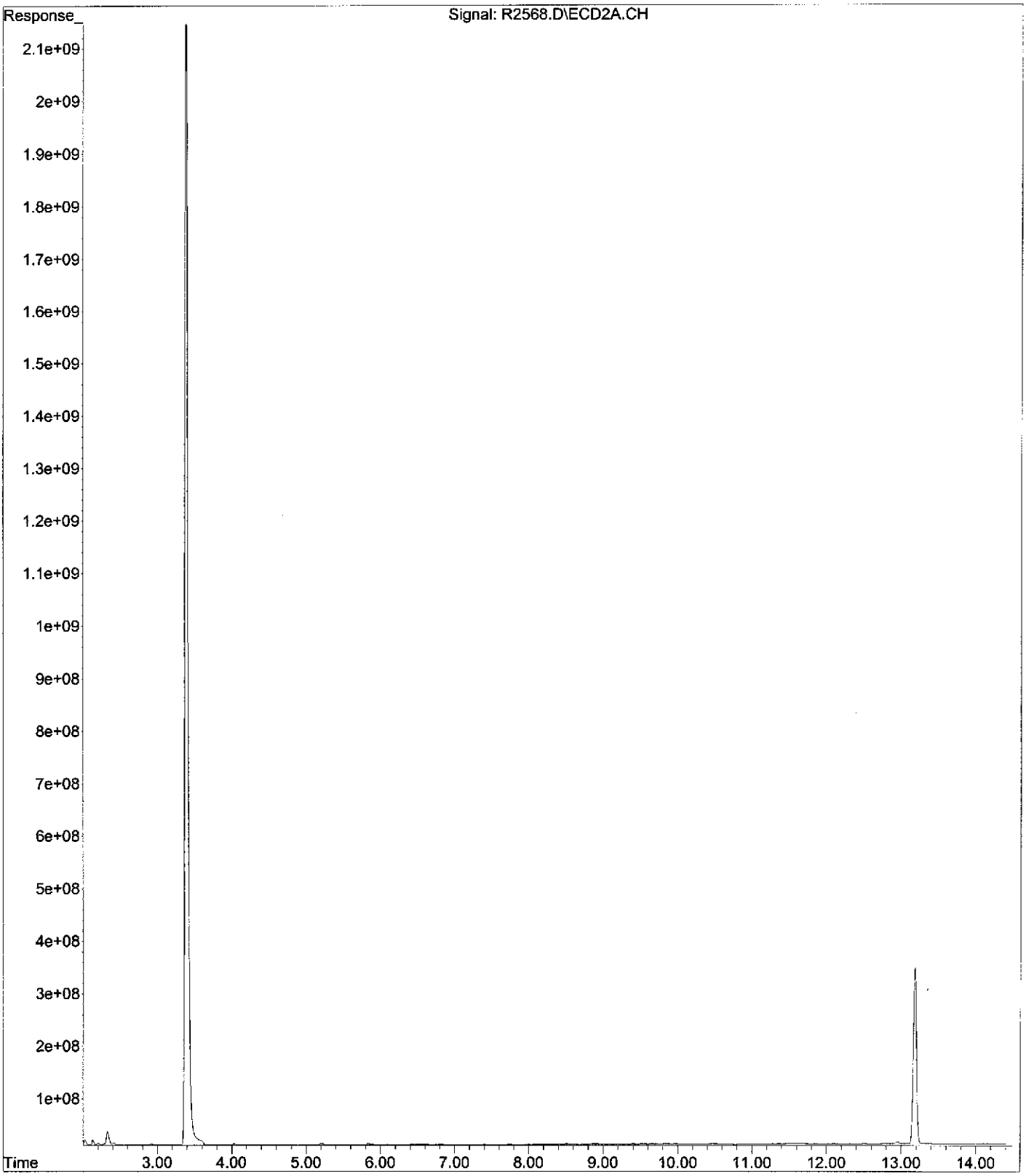




File :C:\MSDChem\1\DATA\08-07-12\R2568.D
Operator : YG
Acquired : 08 Aug 2012 8:43 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 45



File :C:\MSDChem\1\DATA\08-07-12\R2568.D
Operator : YG
Acquired : 08 Aug 2012 8:43 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 45



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2736.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 6:28
Operator : YG
Sample : X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 5 Sample Multiplier: 1

Sample re-analyzed to verify matrix interference of internal standards and/or surrogate QC recoveries

Analyst: YG **Date:** 08/13/12

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:38:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB08(
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.46	3.41	103379.1E6	98979.1E6	601.679m	687.594
Spiked Amount 200.000			Recovery	=	300.84%	343.80%
2) S DCB	13.10	13.18	17488.4E6	11864.0E6	299.592m	296.186m
Spiked Amount 200.000			Recovery	=	149.80%	148.09%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

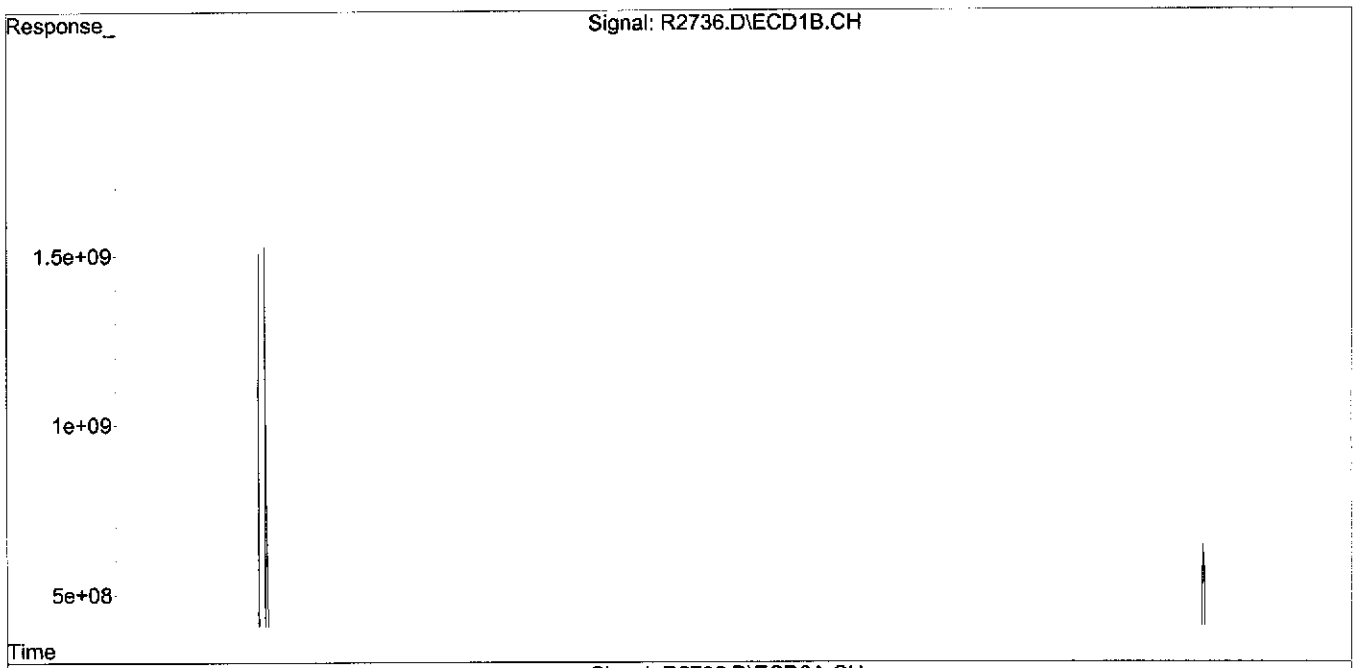
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

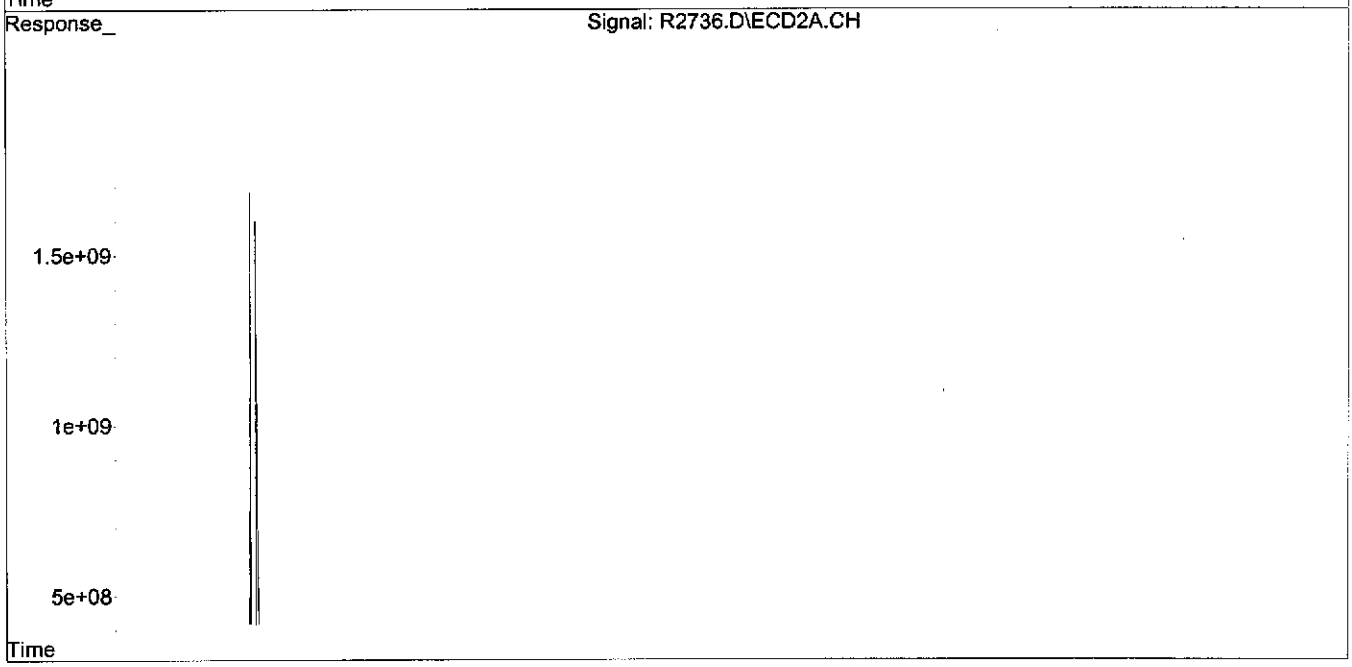
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2736.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 6:28
Operator : YG
Sample : X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 5 Sample Multiplier: 1

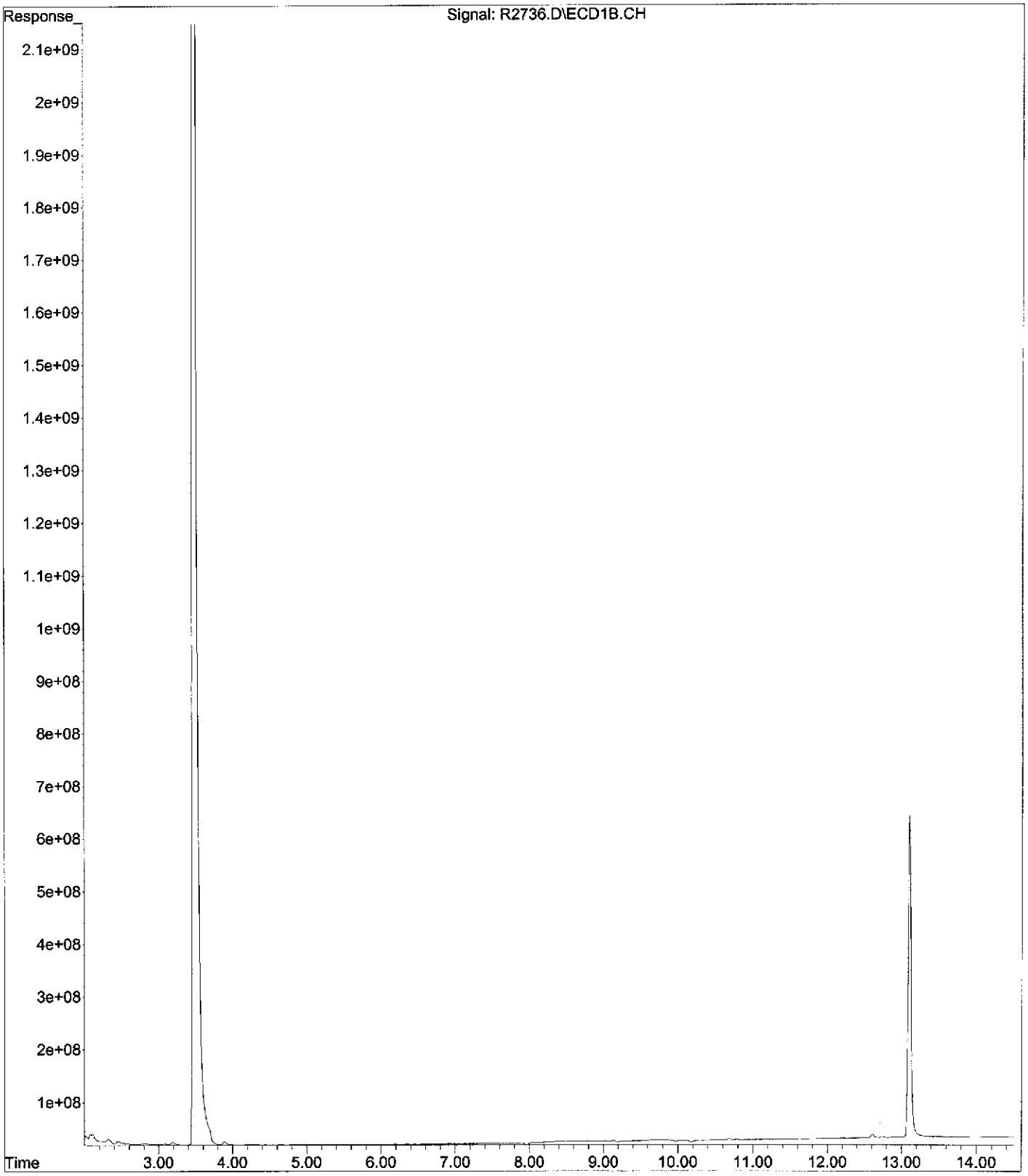
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 12:38:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

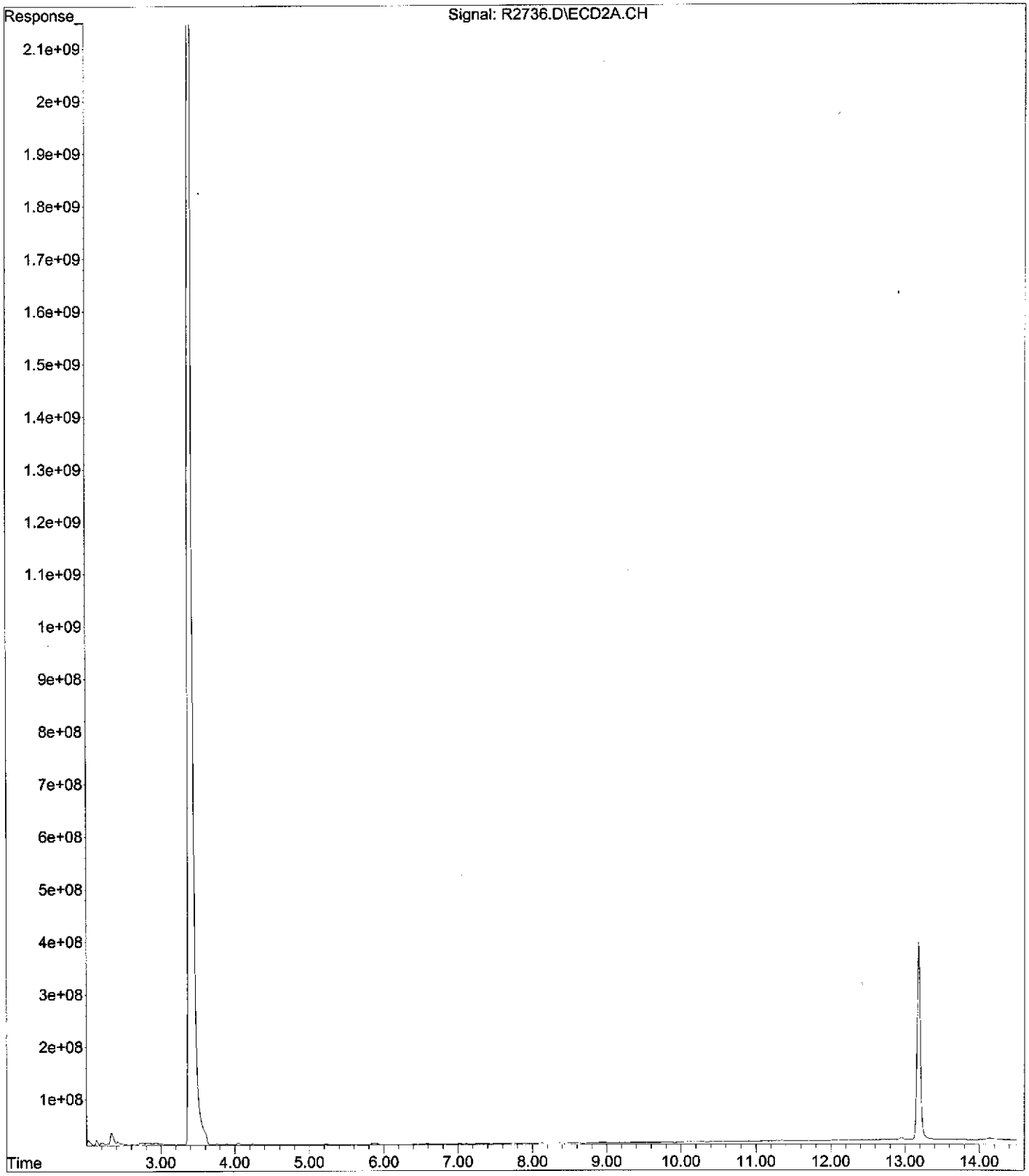




File :C:\MSDChem\1\DATA\08-10-12\R2736.D
Operator : YG
Acquired : 11 Aug 2012 6:28 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 5



File :C:\MSDChem\1\DATA\08-10-12\R2736.D
Operator : YG
Acquired : 11 Aug 2012 6:28 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-29_(4.0-,07431-014,S,5.61g,19.9,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 5



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2571.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 10:26
Operator : YG
Sample : X-34_(0-2.,07431-015,S,5.54g,20.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1000
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:38:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.72	380.8E6	165.2E6	38.326	30.361m
29) L7 Aroclor-1254 {2}	7.78	8.31	168.7E6	227.3E6	26.544	38.028m#
30) L7 Aroclor-1254 {3}	7.95	8.75	437.0E6	245.2E6	36.889	63.882m#
31) L7 Aroclor-1254 {4}	8.40	8.93	606.8E6	245.4E6	43.946m	42.855m
32) L7 Aroclor-1254 {5}	9.26	9.76	466.2E6	258.3E6	40.408m	32.466m
Sum Aroclor-1254			2059.6E6	1141.4E6	186.112	207.591
Average Aroclor-1254					37.222	41.518
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	9.55	10.37	369.4E6	153.8E6	21.076m	22.024m
39) L9 Aroclor-1262 {2}	10.42	10.88	503.0E6	218.7E6	16.972m	15.537
40) L9 Aroclor-1262 {3}	11.06	11.38	455.5E6	191.4E6	39.896	36.551
41) L9 Aroclor-1262 {4}	11.15	11.46	526.7E6	242.0E6	46.976	23.885 #
42) L9 Aroclor-1262 {5}	11.99	12.08	247.7E6	39342876	30.855	19.728m#
Sum Aroclor-1262			2102.2E6	845.2E6	155.776	117.724
Average Aroclor-1262					31.155	23.545
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

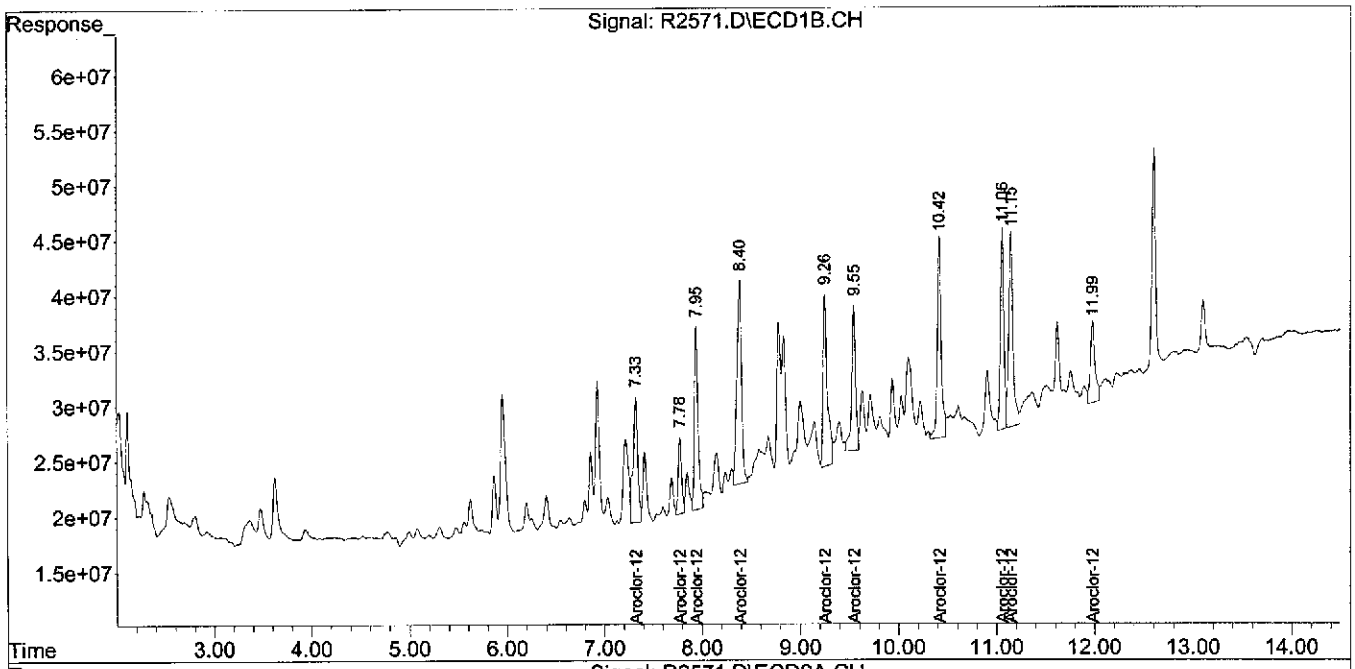
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

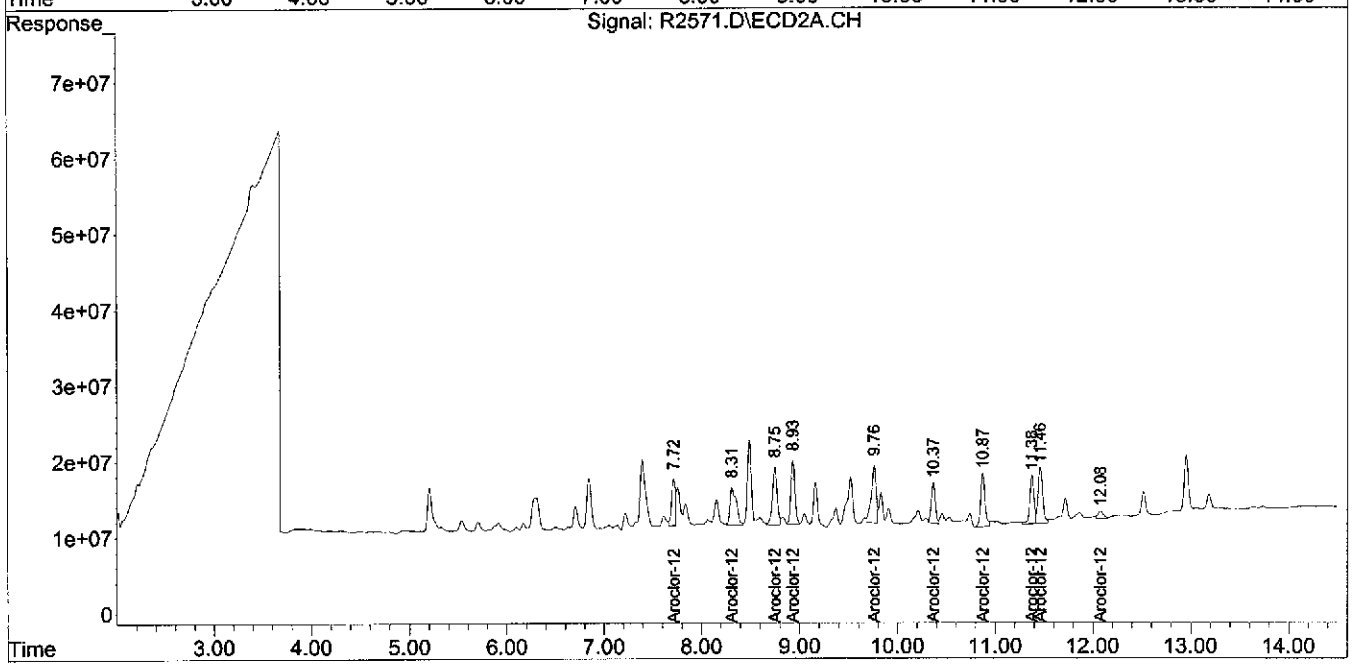
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2571.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 10:26
Operator : YG
Sample : X-34_(0-2.,07431-015,S,5.54g,20.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1000
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:38:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2603.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 23:34
Operator : YG
Sample : X-34_(2.0-,07431-016,S,5.13g,30.2,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:05:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.32	7.72	511.6E6	105.2E6	51.495m	19.342m#
29) L7 Aroclor-1254 {2}	7.78	8.31	204.9E6	89704870	32.228m	15.006m#
30) L7 Aroclor-1254 {3}	7.95	0.00	387.2E6	0	32.688m	N.D. d#
31) L7 Aroclor-1254 {4}	8.39	8.94	561.9E6	402.1E6	40.690m	70.236m#
32) L7 Aroclor-1254 {5}	9.26	9.76	416.0E6	298.6E6	36.053m	37.521m
Sum Aroclor-1254			2081.6E6	895.6E6	193.154	142.105
Average Aroclor-1254					38.631	35.526
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	9.55	10.36	637.2E6	286.2E6	36.359m	40.994m
39) L9 Aroclor-1262 {2}	10.42	10.87	704.2E6	345.1E6	23.761m	24.514m
40) L9 Aroclor-1262 {3}	11.06	11.38	1137.8E6	474.1E6	99.656m	90.558m
41) L9 Aroclor-1262 {4}	11.15	11.46	1145.1E6	542.0E6	102.138m	53.486m#
42) L9 Aroclor-1262 {5}	11.98	12.08	517.4E6	110.7E6	64.465m	55.521m
Sum Aroclor-1262			4141.8E6	1758.2E6	326.379	265.073
Average Aroclor-1262					65.276	53.015
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

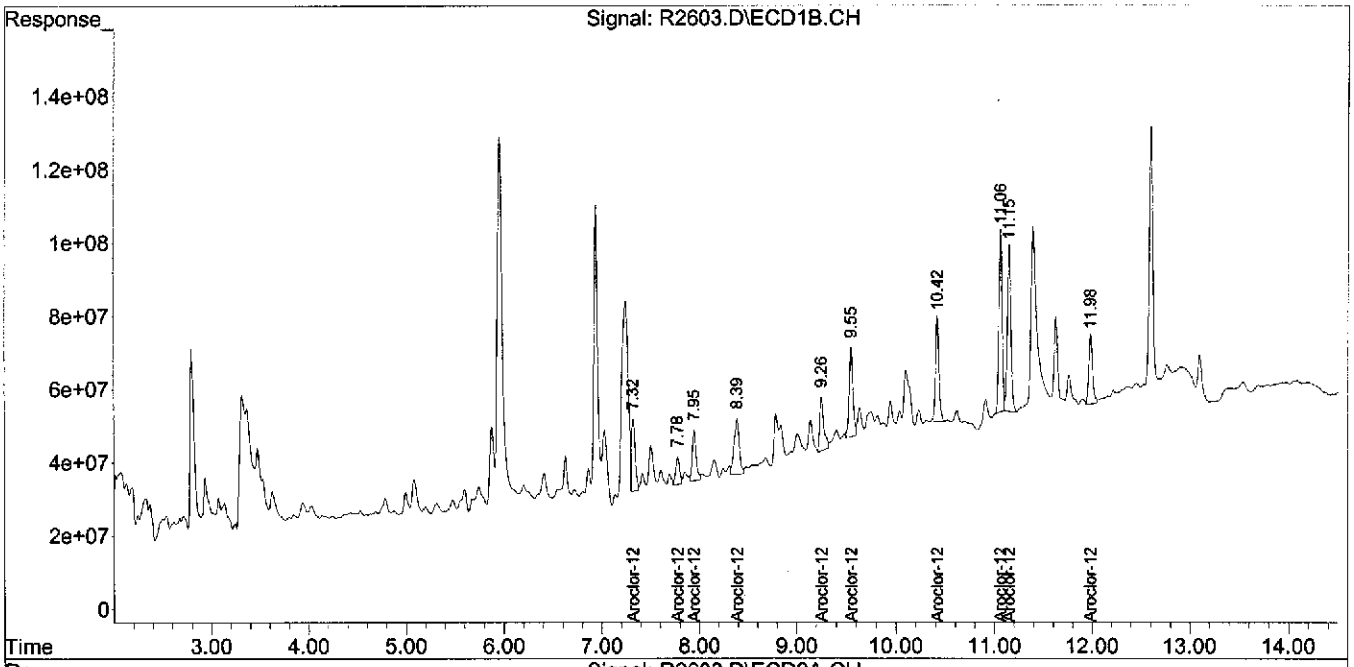
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

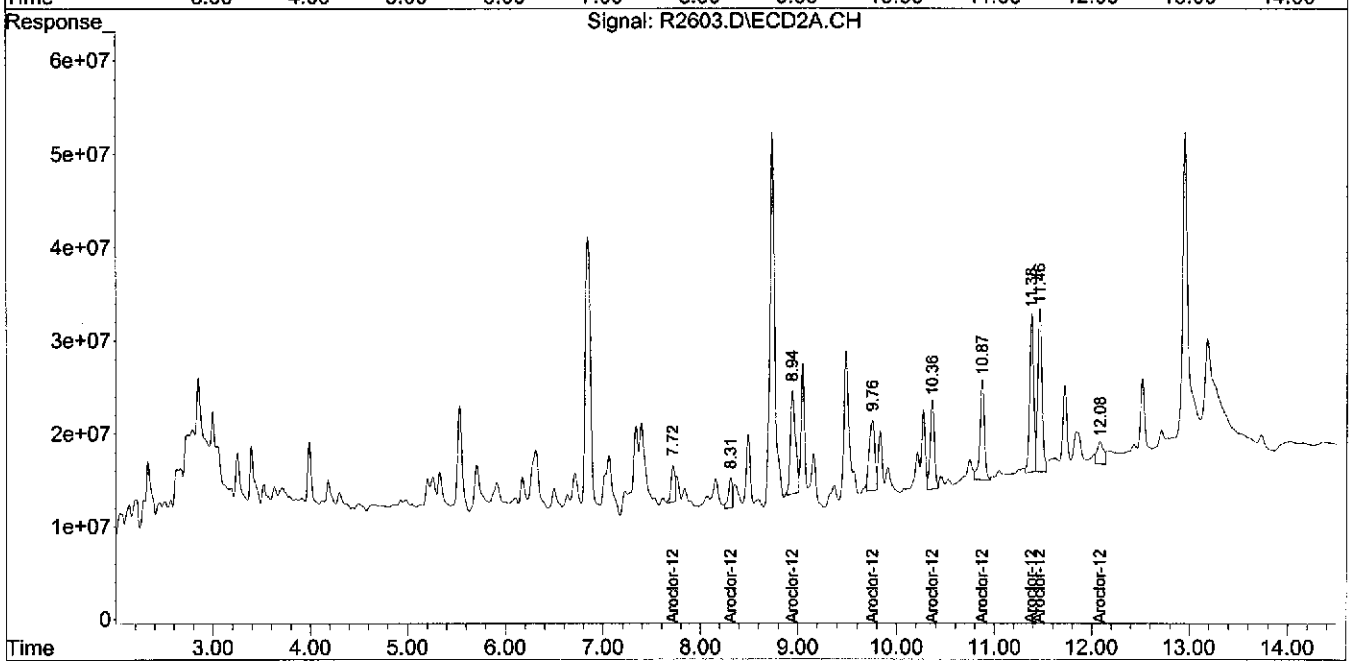
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2603.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 23:34
Operator : YG
Sample : X-34_(2.0-,07431-016,S,5.13g,30.2,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:05:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2573.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:01
Operator : YG
Sample : X-34_(3.0-,07431-017,S,5.10g,64.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:41:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	43773.4E6	36149.0E6	254.766	251.122
Spiked Amount 200.000			Recovery	=	127.38%	125.56%
2) S DCB	13.10	13.18	14158.8E6	6745.3E6	242.552m	168.398 #
Spiked Amount 200.000			Recovery	=	121.28%	84.20%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

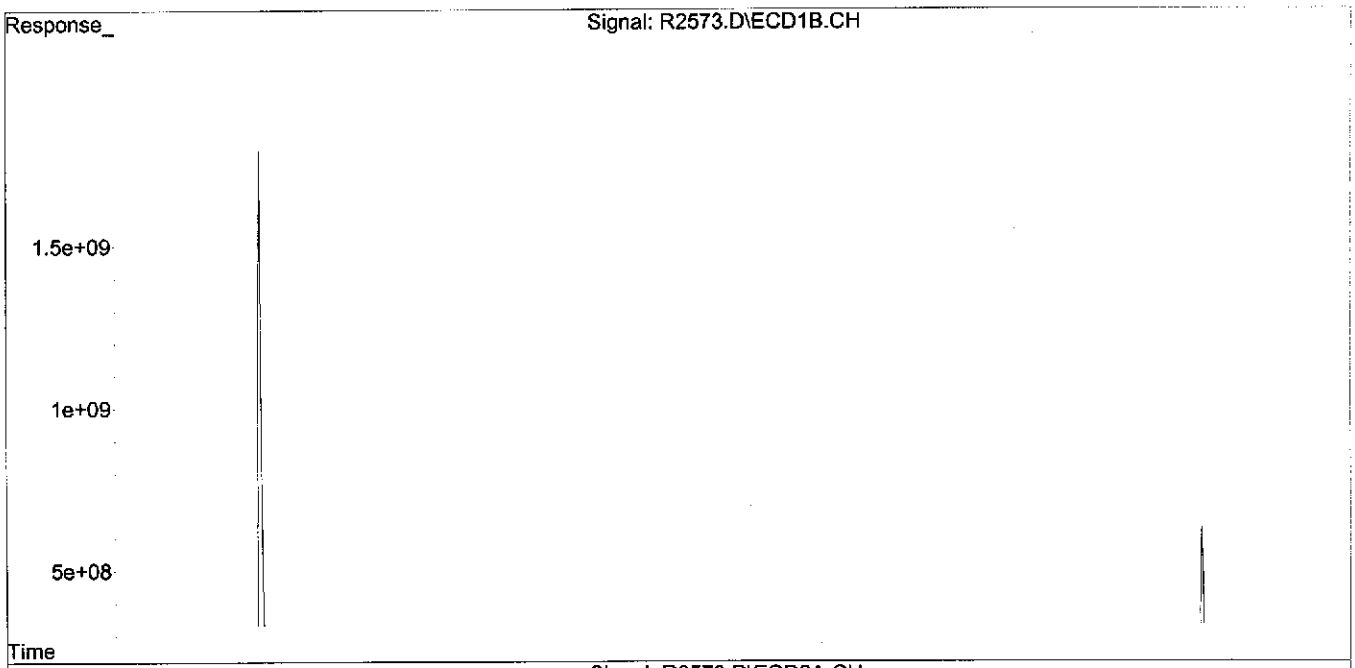
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

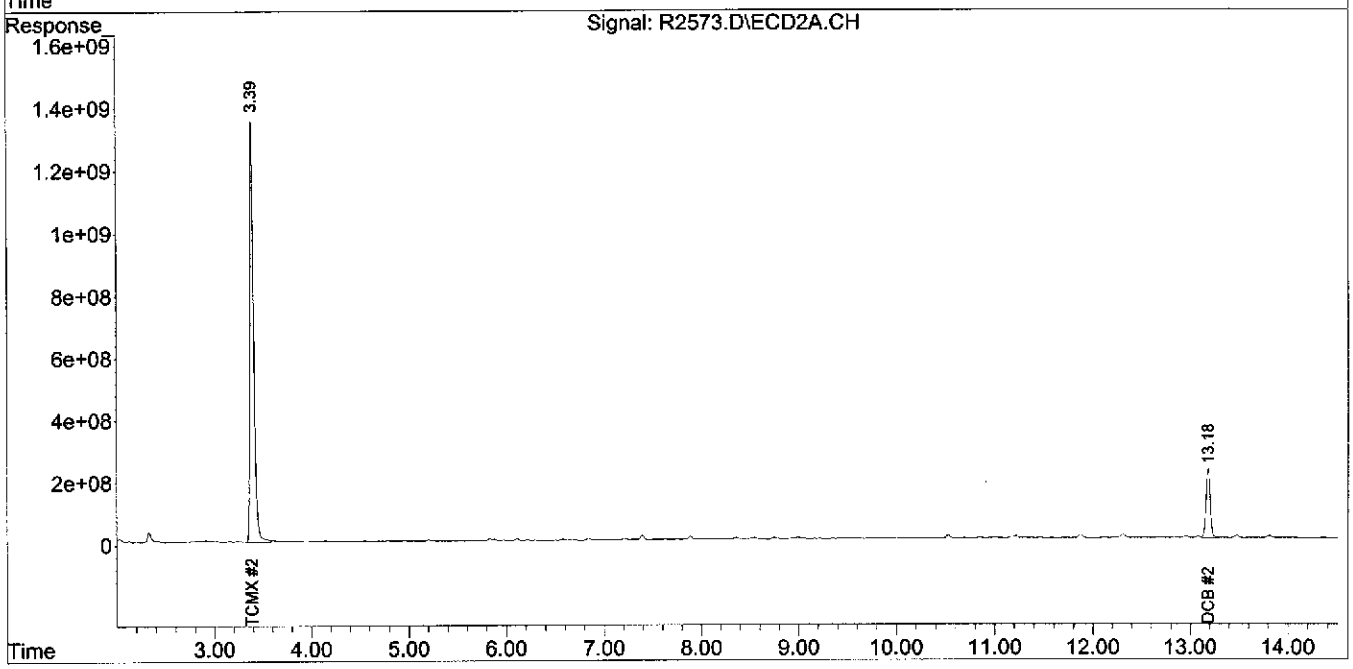
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2573.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:01
Operator : YG
Sample : X-34_(3.0-,07431-017,S,5.10g,64.8,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 48 Sample Multiplier: 1

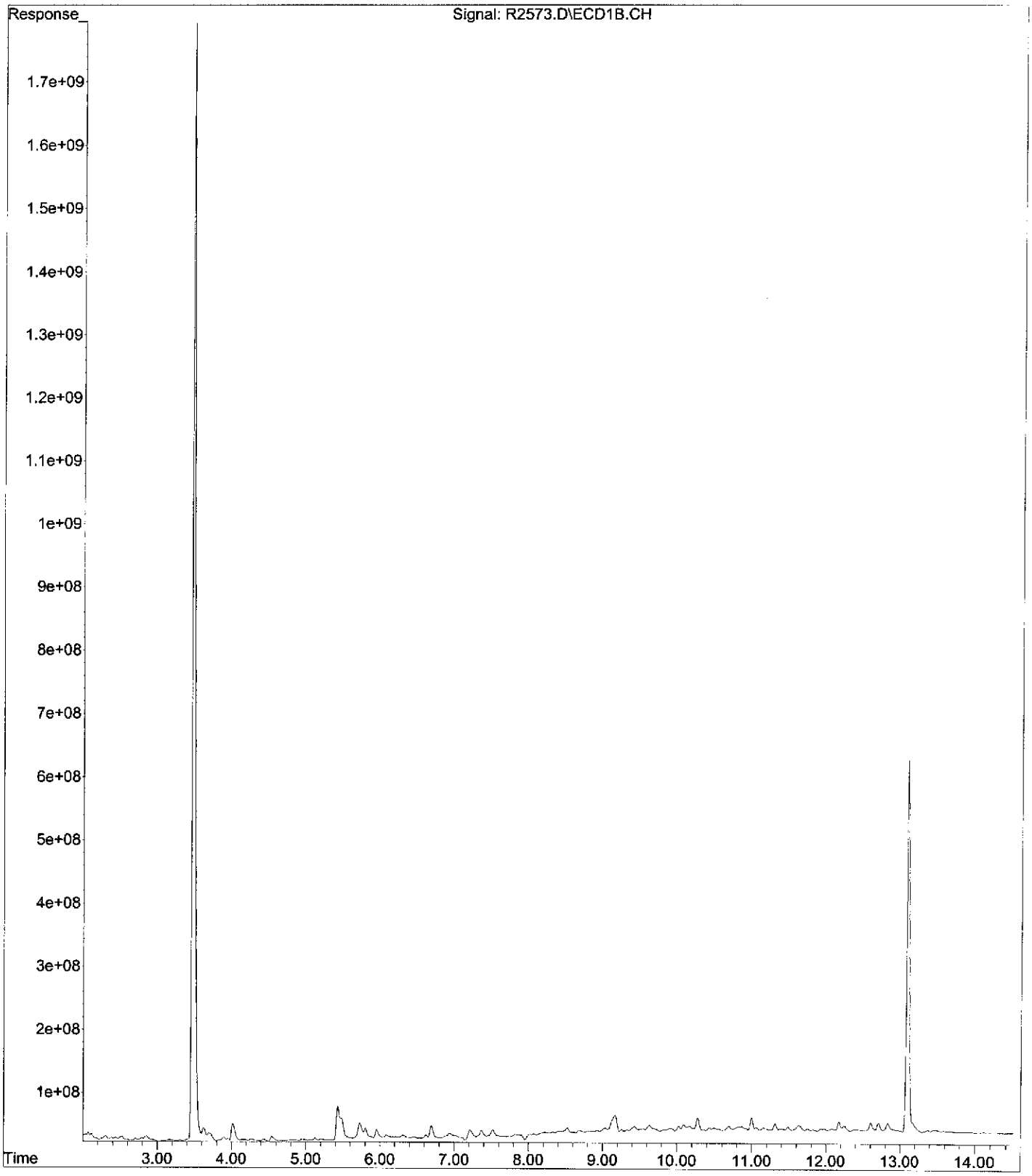
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:41:43 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-07-12\R2573.D
Operator : YG
Acquired : 08 Aug 2012 11:01 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-34_(3.0-,07431-017,S,5.10g,64.8,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 48



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2574.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:18
Operator : YG
Sample : X-34_(4.0-,07431-018,S,5.11g,22.7,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:42:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	53076.5E6	39120.0E6	308.911	271.761
Spiked Amount 200.000			Recovery	=	154.46%	135.88%
2) S DCB	13.10	13.18	11627.3E6	6401.6E6	199.186	159.817
Spiked Amount 200.000			Recovery	=	99.59%	79.91%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

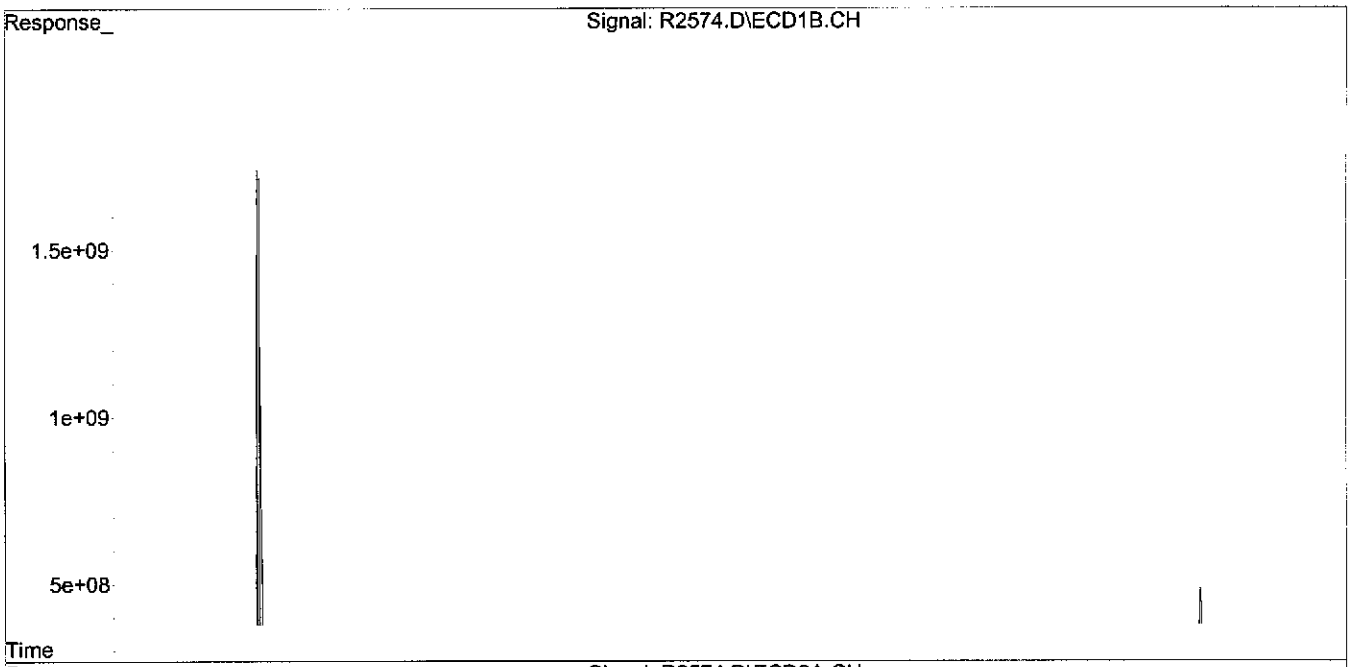
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

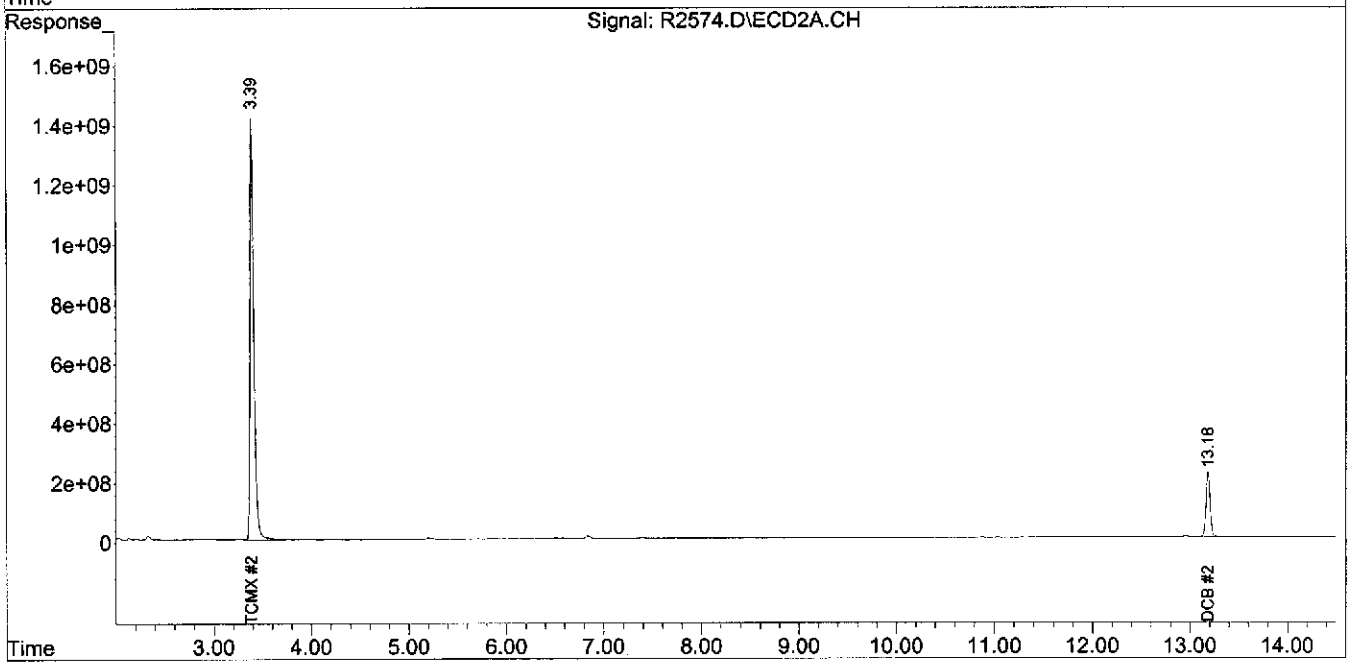
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2574.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 11:18
Operator : YG
Sample : X-34_(4.0-,07431-018,S,5.11g,22.7,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,1
ALS Vial : 49 Sample Multiplier: 1

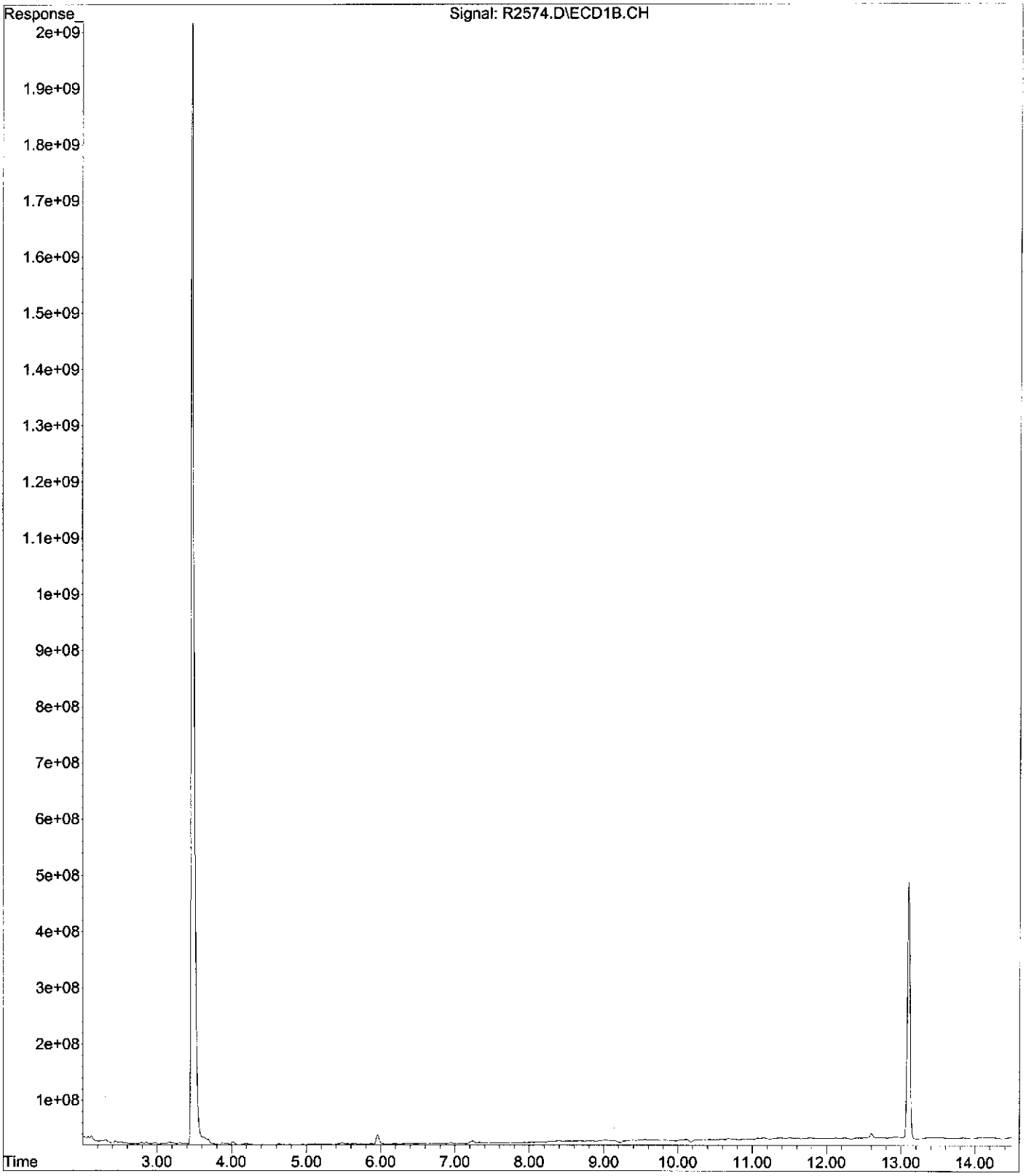
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:42:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-07-12\R2574.D
Operator : YG
Acquired : 08 Aug 2012 11:18 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: X-34_(4.0-,07431-018,S,5.11g,22.7,07/30/12,4
Misc Info : 120730-10,07/24/12,07/24/12,1
Vial Number: 49



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2604.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 23:52
Operator : YG
Sample : X-35_(0-1.,07431-019,S,5.33g,12.3,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:05:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	4439.2E6	3255.2E6	25.837	22.614
Spiked Amount 200.000			Recovery	=	12.92%	11.31%
2) S DCB	13.10	13.18	844.6E6	614.5E6	14.469	15.341
Spiked Amount 200.000			Recovery	=	7.23%	7.67%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	8729.1E6	6122.4E6	1145.955	1096.280
24) L6 Aroclor-1248 {2}	5.86	6.30	4355.3E6	9267.9E6	1015.233	1160.614
25) L6 Aroclor-1248 {3}	6.20	6.71	2547.5E6	3005.9E6	463.774	503.644
26) L6 Aroclor-1248 {4}	6.93	6.86	4659.2E6	2196.4E6	546.841	430.147
27) L6 Aroclor-1248 {5}	7.21	7.22	2981.6E6	1090.2E6	416.485	377.516
Sum Aroclor-1248			23272.7E6	21682.7E6	3588.288	3568.200
Average Aroclor-1248					717.658	713.640
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	4981.3E6	1136.7E6	355.301	179.984 #
34) L8 Aroclor-1260 {2}	9.94	9.16	2375.9E6	1210.4E6	320.410	165.839 #
35) L8 Aroclor-1260 {3}	10.42	10.37	7209.3E6	1169.9E6	288.273	232.115
36) L8 Aroclor-1260 {4}	10.91	10.87	2407.8E6	2438.5E6	231.690	243.139
37) L8 Aroclor-1260 {5}	11.98	11.47	1911.7E6	1787.9E6	411.797	220.103 #
Sum Aroclor-1260			18886.1E6	7743.3E6	1607.471	1041.179
Average Aroclor-1260					321.494	208.236
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2604.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 23:52
Operator : YG
Sample : X-35_(0-1.,07431-019,S,5.33g,12.3,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:05:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

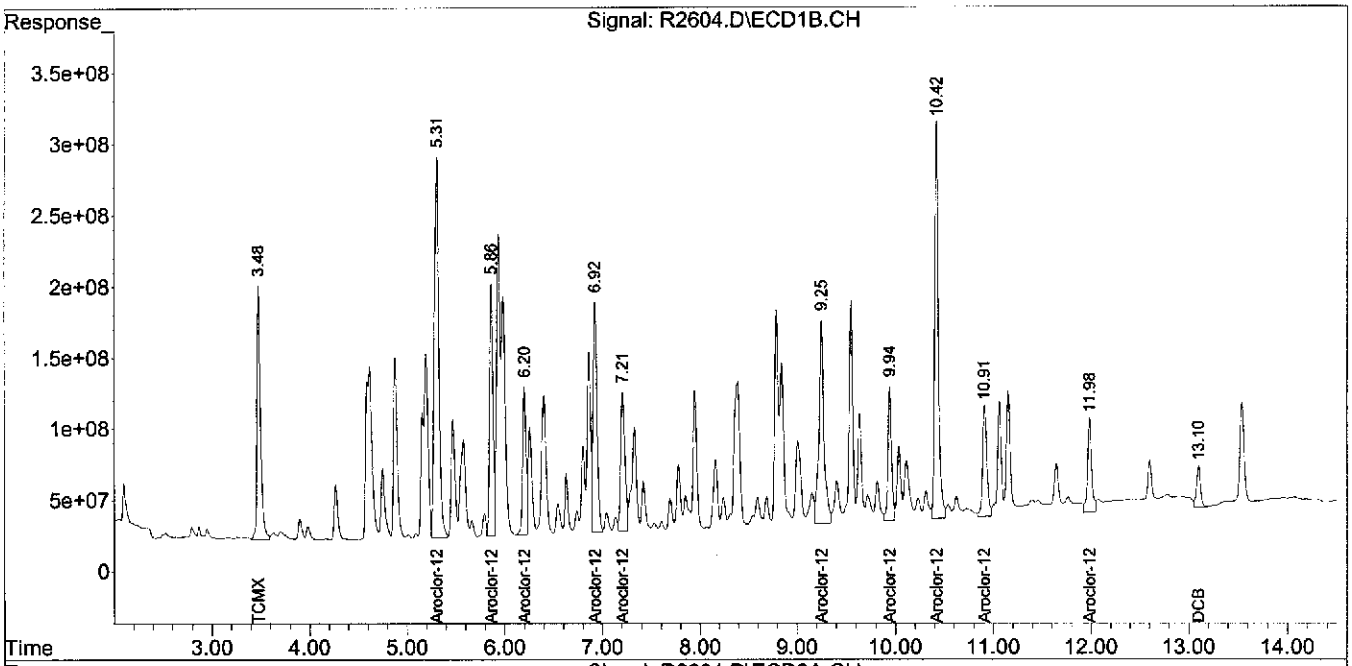
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

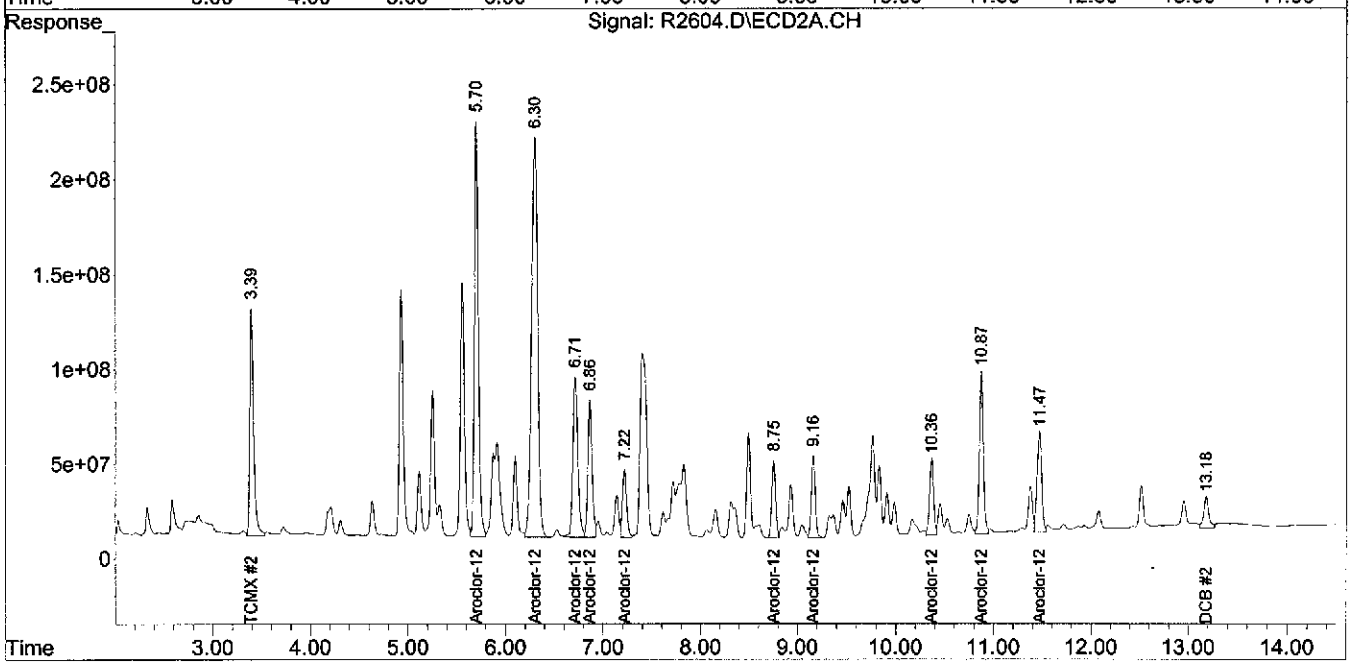
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2604.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 23:52
Operator : YG
Sample : X-35_(0-1.,07431-019,S,5.33g,12.3,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:05:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2605.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 00:09
Operator : YG
Sample : X-35_(2.0-,07431-020,S,5.35g,34.1,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:10:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

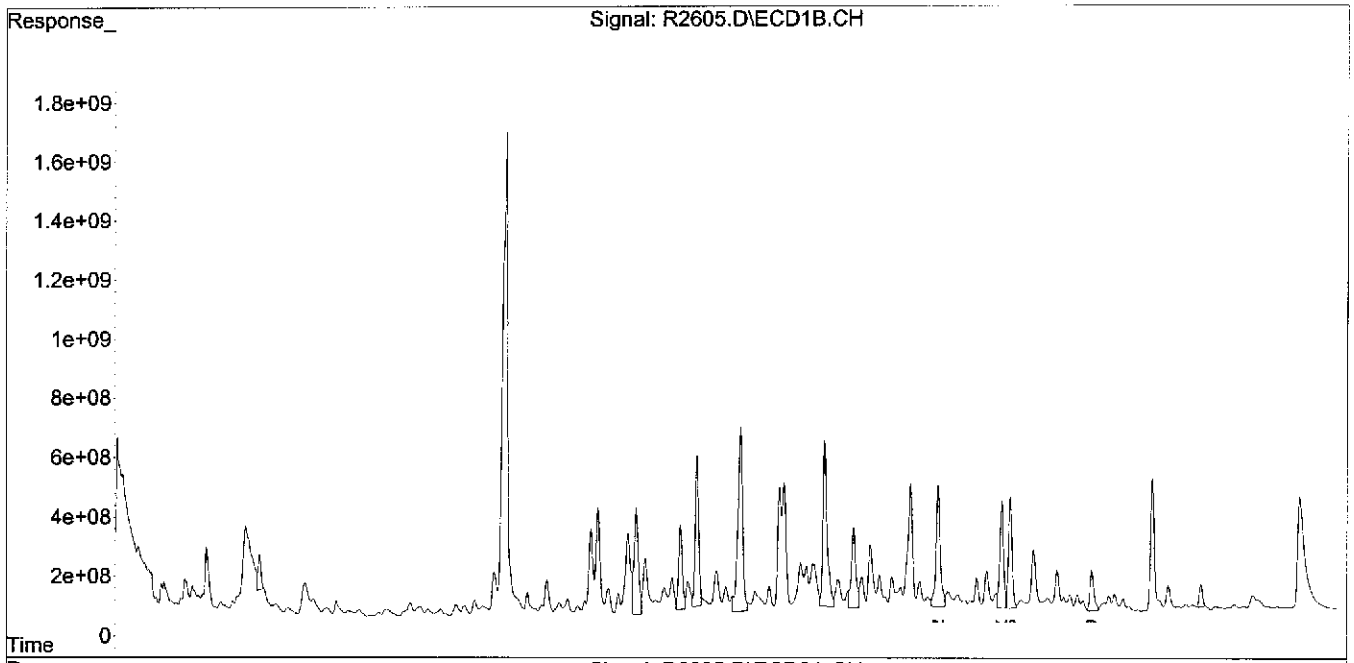
Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	2361.4E6	1629.1E6	13.744m	11.317m
Spiked Amount 200.000			Recovery	=	6.87%	5.66%
2) S DCB	13.11	13.18	1810.2E6	844.3E6	31.010m	21.078m#
Spiked Amount 200.000			Recovery	=	15.51%	10.54%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.72	10776.3E6	5400.6E6	1084.711m	992.474m
29) L7 Aroclor-1254 {2}	7.78	8.31	7563.6E6	6130.8E6	1189.739m	1025.540m
30) L7 Aroclor-1254 {3}	7.95	8.76	12675.9E6	6177.3E6	1070.003m	1609.190m#
31) L7 Aroclor-1254 {4}	8.40	8.94	20732.8E6	7504.9E6	1501.424m	1310.880m
32) L7 Aroclor-1254 {5}	9.26	9.77	17000.1E6	8194.6E6	1473.412m	1029.871m#
Sum Aroclor-1254			68748.6E6	33408.1E6	6319.288	5967.956
Average Aroclor-1254					1263.858	1193.591
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	9.56	10.37	8661.2E6	4841.3E6	494.199m	693.454m#
39) L9 Aroclor-1262 {2}	10.42	10.88	12110.2E6	4536.8E6	408.594m	322.277m
40) L9 Aroclor-1262 {3}	11.07	11.38	9115.4E6	3396.1E6	798.384m	648.639m
41) L9 Aroclor-1262 {4}	11.16	11.47	9555.2E6	4040.2E6	852.285m	398.685m#
42) L9 Aroclor-1262 {5}	11.99	12.08	3942.3E6	1393.1E6	491.155m	698.531m#
Sum Aroclor-1262			43384.2E6	18207.4E6	3044.617	2761.586
Average Aroclor-1262					608.923	552.317
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

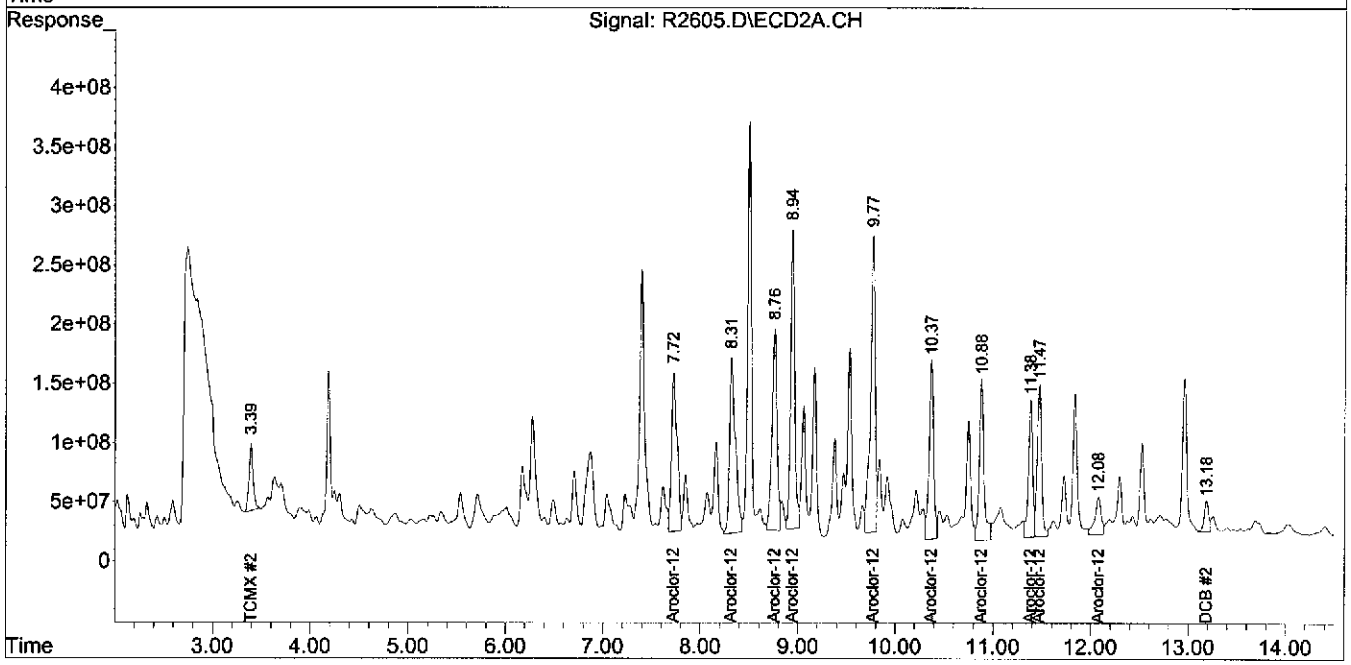
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : R2605.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 00:09
Operator : YG
Sample : X-35_(2.0-,07431-020,S,5.35g,34.1,07/30/12,4
Misc : 120730-10,07/24/12,07/24/12,10
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:10:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7852.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 2:20
Operator : YG
Sample : X-35_(3.25,07431-021,S,5.09g,78.5,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:38:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19083.4E6	7879.5E6	200.728	225.434
Spiked Amount 200.000			Recovery	=	100.36%	112.72%
2) S DCB	12.11	12.50	2886.5E6	1444.3E6	140.064m	168.066m
Spiked Amount 200.000			Recovery	=	70.03%	84.03%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

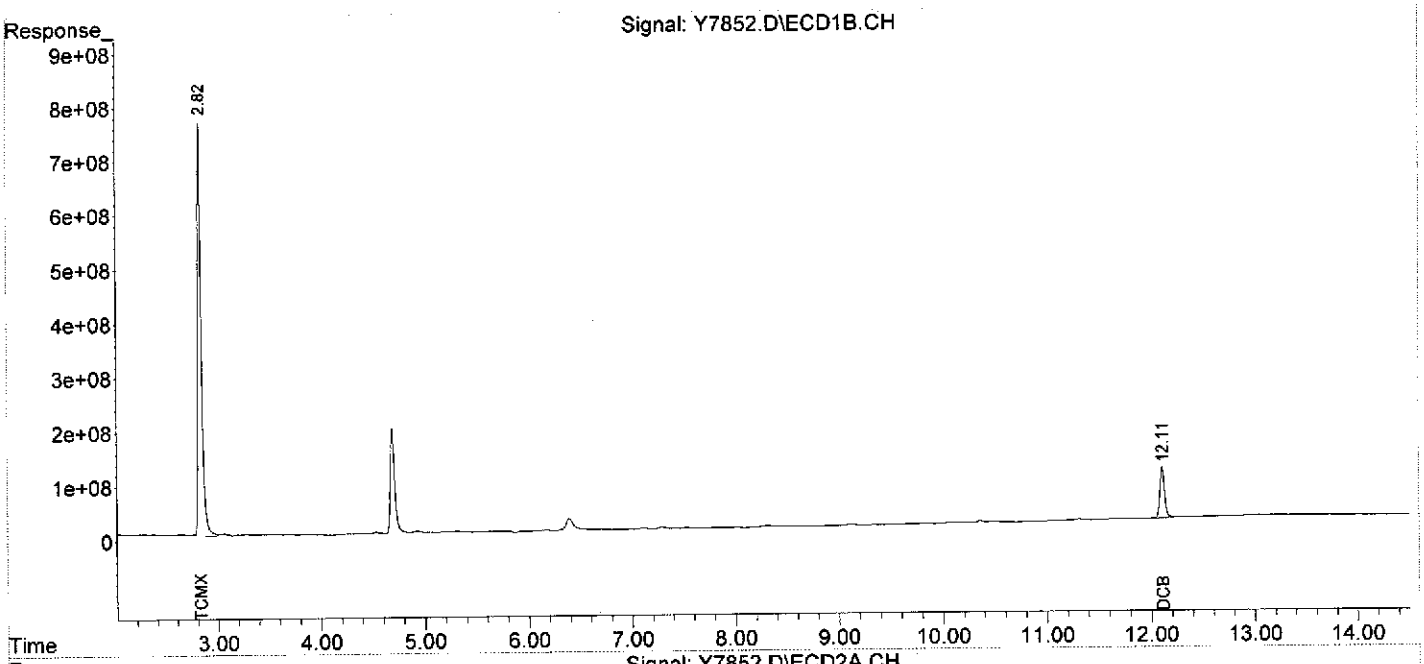
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

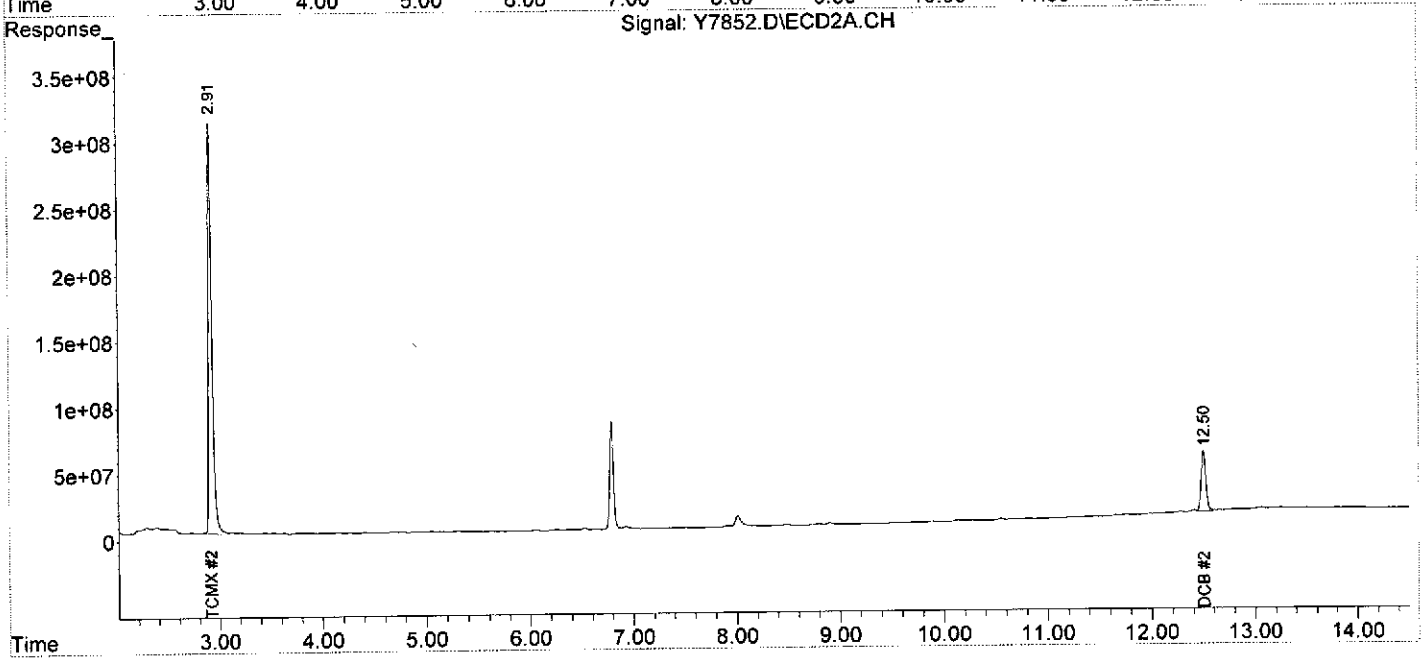
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7852.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 2:20
Operator : YG
Sample : X-35_(3.25,07431-021,S,5.09g,78.5,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:38:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7853.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 2:37
Operator : YG
Sample : X-35_(4.0-,07431-022,S,5.63g,21.0,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:39:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	19796.0E6	7004.0E6	208.224	200.386
Spiked Amount 200.000			Recovery	=	104.11%	100.19%
2) S DCB	12.11	12.50	2484.1E6	1162.0E6	120.542m	135.217m
Spiked Amount 200.000			Recovery	=	60.27%	67.61%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

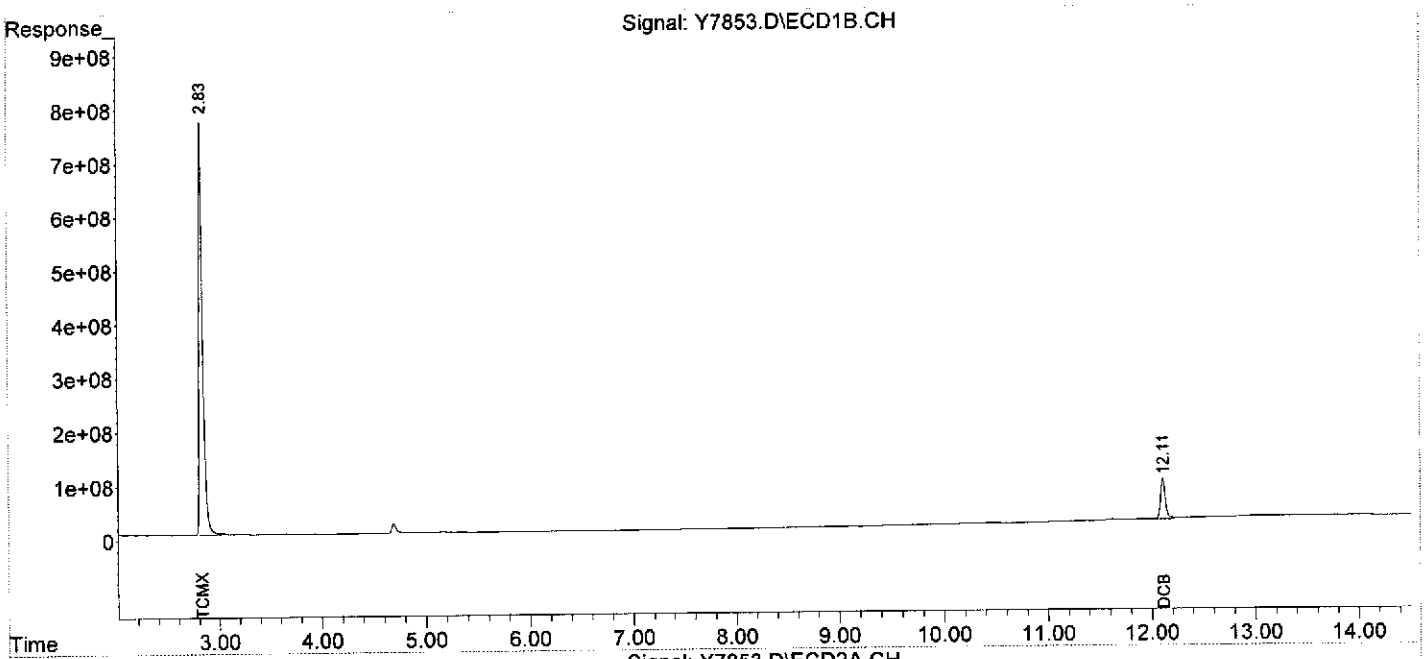
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

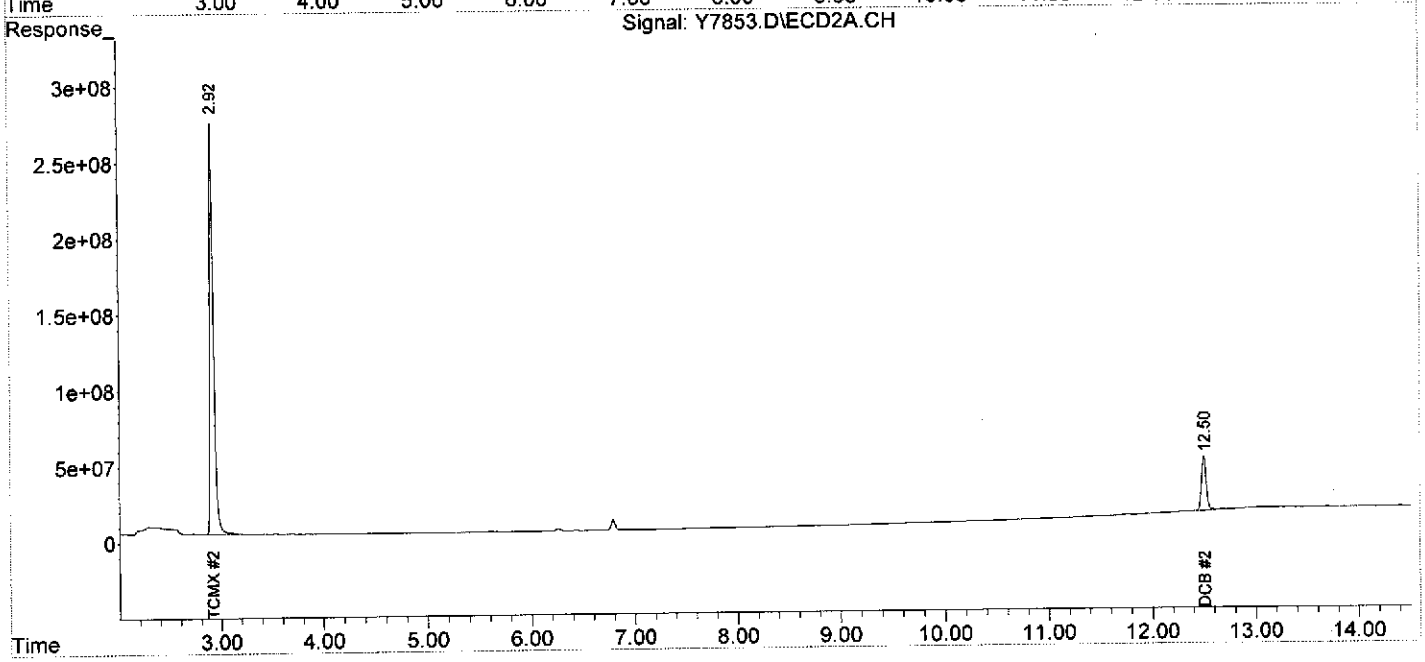
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7853.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 2:37
Operator : YG
Sample : X-35_(4.0-,07431-022,S,5.63g,21.0,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:39:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7927.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 5:29
Operator : YG
Sample : X-37_(0-2.,07431-023,S,5.56g,15.7,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1000
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 10:05:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.88	405.2E6	145.8E6	55.783	135.554 #
34) L8 Aroclor-1260 {2}	9.01	8.14	131.7E6	108.2E6	41.563	68.262 #
35) L8 Aroclor-1260 {3}	9.48	9.73	309.6E6	91996295	37.520	69.440m#
36) L8 Aroclor-1260 {4}	9.96	10.23	136.3E6	163.1E6	32.990	56.514m#
37) L8 Aroclor-1260 {5}	11.02	10.82	78007861	102.3E6	46.350m	50.350m
Sum Aroclor-1260			1060.9E6	611.4E6	214.206	380.120
Average Aroclor-1260					42.841	76.024
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

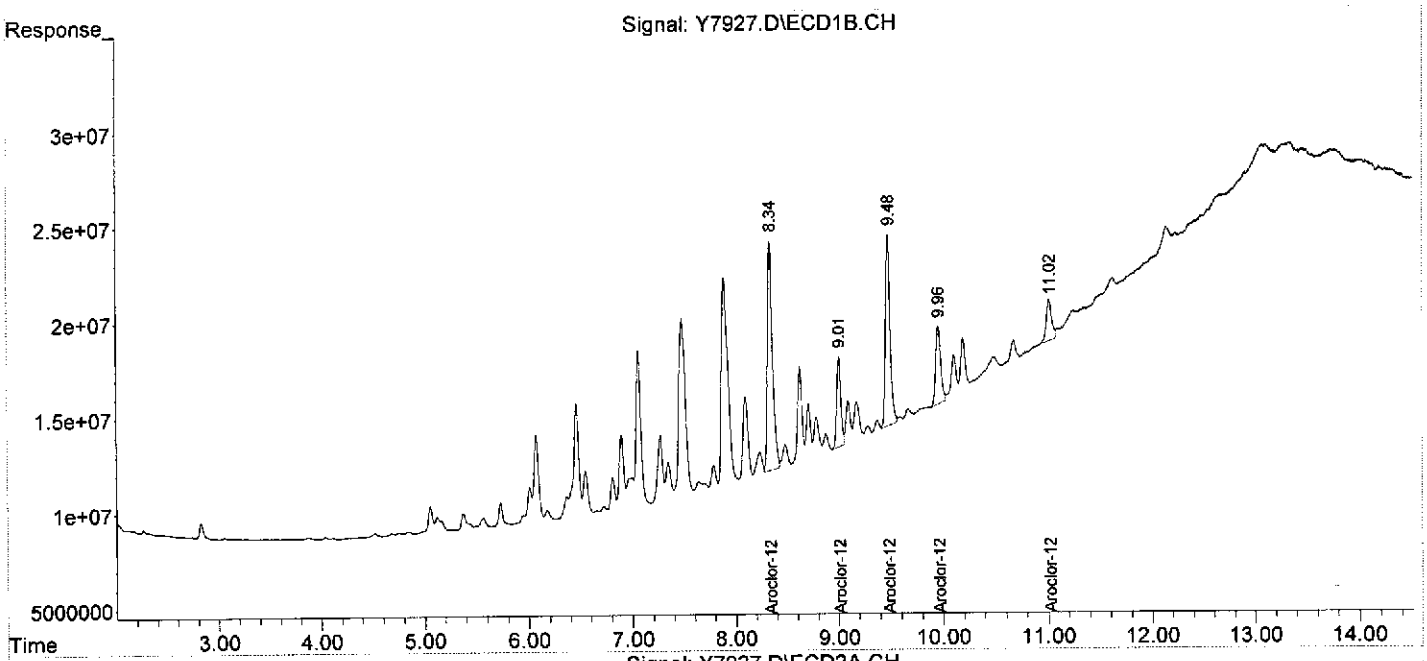
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

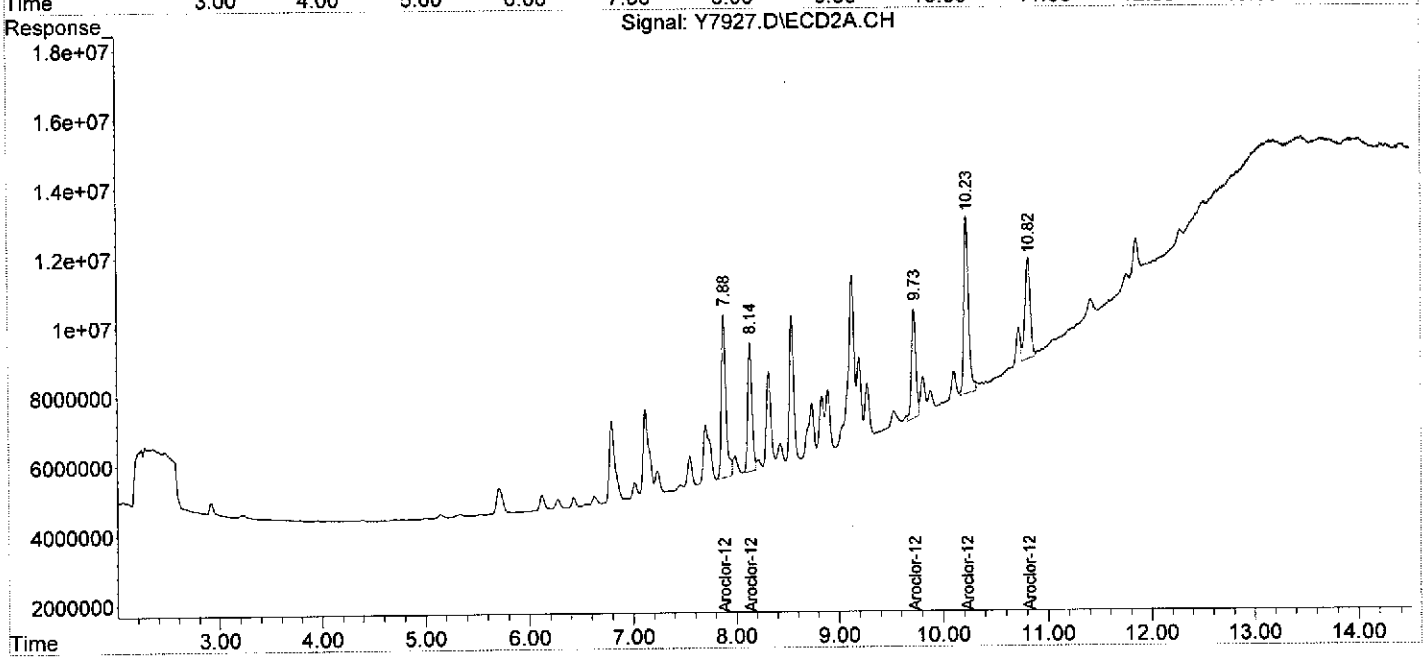
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7927.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 5:29
Operator : YG
Sample : X-37_(0-2.,07431-023,S,5.56g,15.7,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1000
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 10:05:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7928.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 5:46
Operator : YG
Sample : X-37_(2.0-,07431-024,S,5.37g,56.1,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1000
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 10:08:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.63	9.73	182.5E6	65439691	23.656	28.625
39) L9 Aroclor-1262 {2}	9.48	10.23	257.3E6	125.2E6	17.847	24.949 #
40) L9 Aroclor-1262 {3}	10.11	10.73	242.1E6	110.5E6	77.838	66.805
41) L9 Aroclor-1262 {4}	10.20	10.81	224.8E6	137.9E6	37.003	40.387
42) L9 Aroclor-1262 {5}	11.02	11.42	135.1E6	27985059	29.964	49.756m#
Sum Aroclor-1262			1041.9E6	467.1E6	186.308	210.521
Average Aroclor-1262					37.262	42.104
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

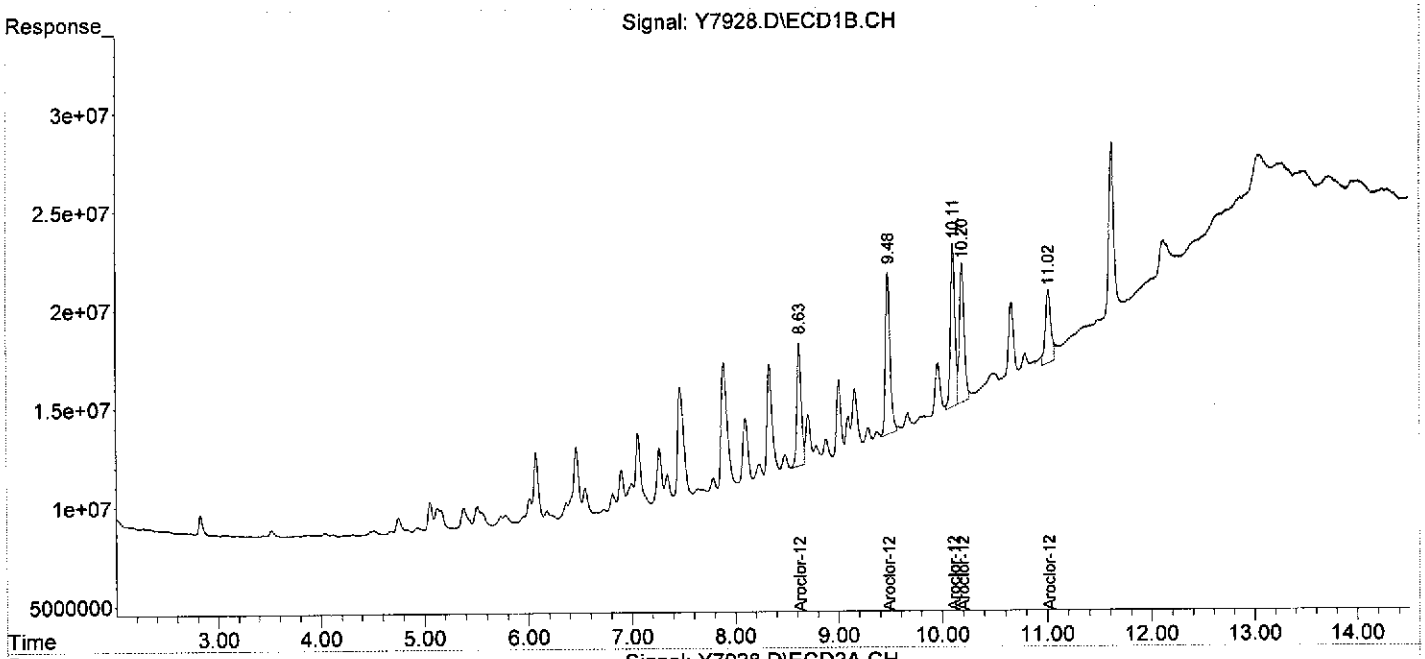
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

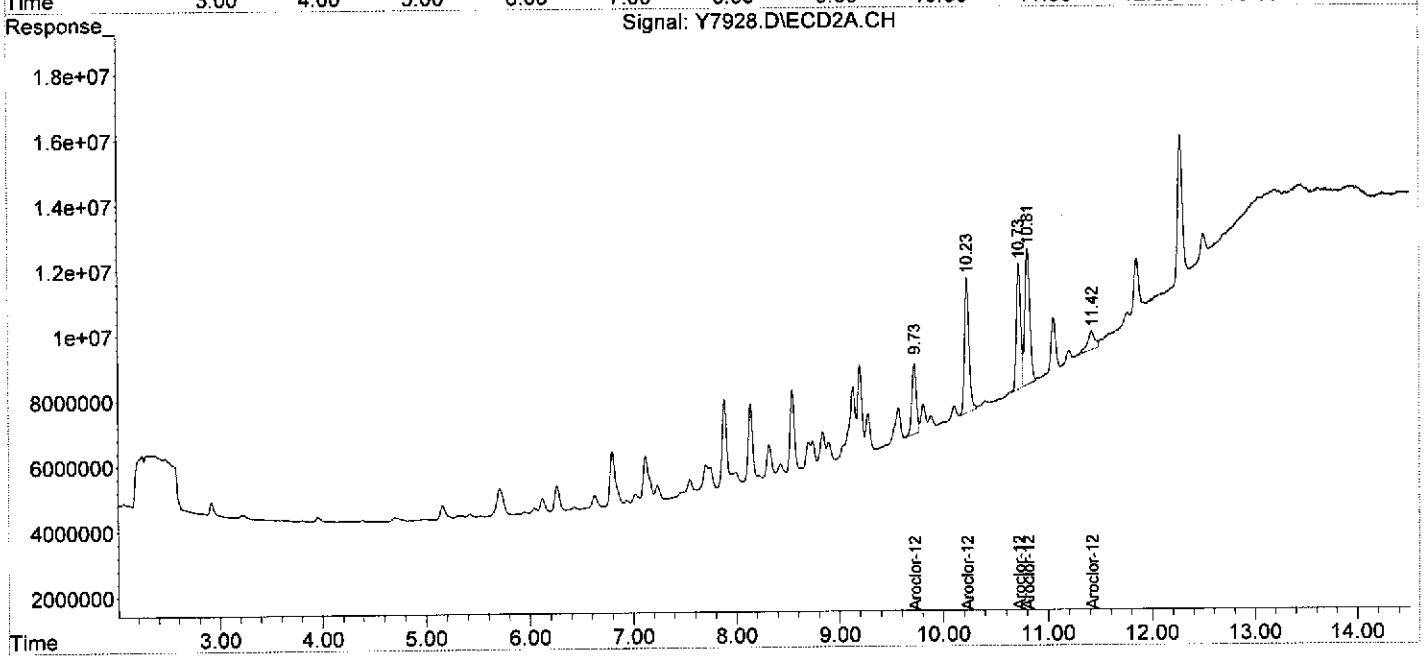
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7928.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 5:46
Operator : YG
Sample : X-37_(2.0-,07431-024,S,5.37g,56.1,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1000
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 10:08:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7929.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 6:03
Operator : YG
Sample : X-37_(4.0-,07431-025,S,5.18g,43.9,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 10:08:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	19764.1E6	7629.3E6	207.888	218.276
Spiked Amount 200.000			Recovery	=	103.94%	109.14%
2) S DCB	12.11	12.50	1974.9E6	1002.5E6	95.830m	116.663m
Spiked Amount 200.000			Recovery	=	47.91%	58.33%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.63	9.73	870.8E6	359.4E6	112.874	157.202 #
39) L9 Aroclor-1262 {2}	9.48	10.23	1705.9E6	828.4E6	118.327	165.126 #
40) L9 Aroclor-1262 {3}	10.11	10.73	504.5E6	216.2E6	162.185	130.661
41) L9 Aroclor-1262 {4}	10.20	10.81	760.3E6	570.0E6	125.142	166.881 #
42) L9 Aroclor-1262 {5}	11.02	11.41	445.1E6	100.1E6	98.706	177.892 #
Sum Aroclor-1262			4286.6E6	2074.0E6	617.234	797.762
Average Aroclor-1262					123.447	159.552
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

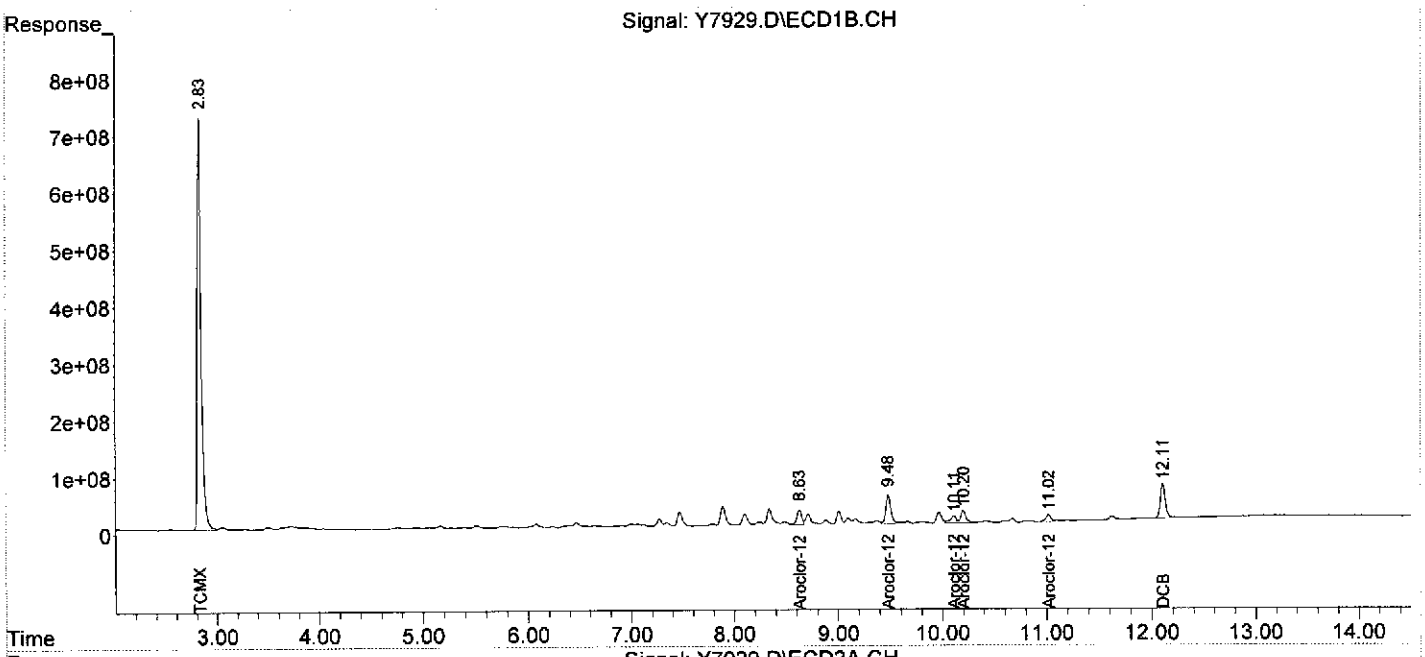
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

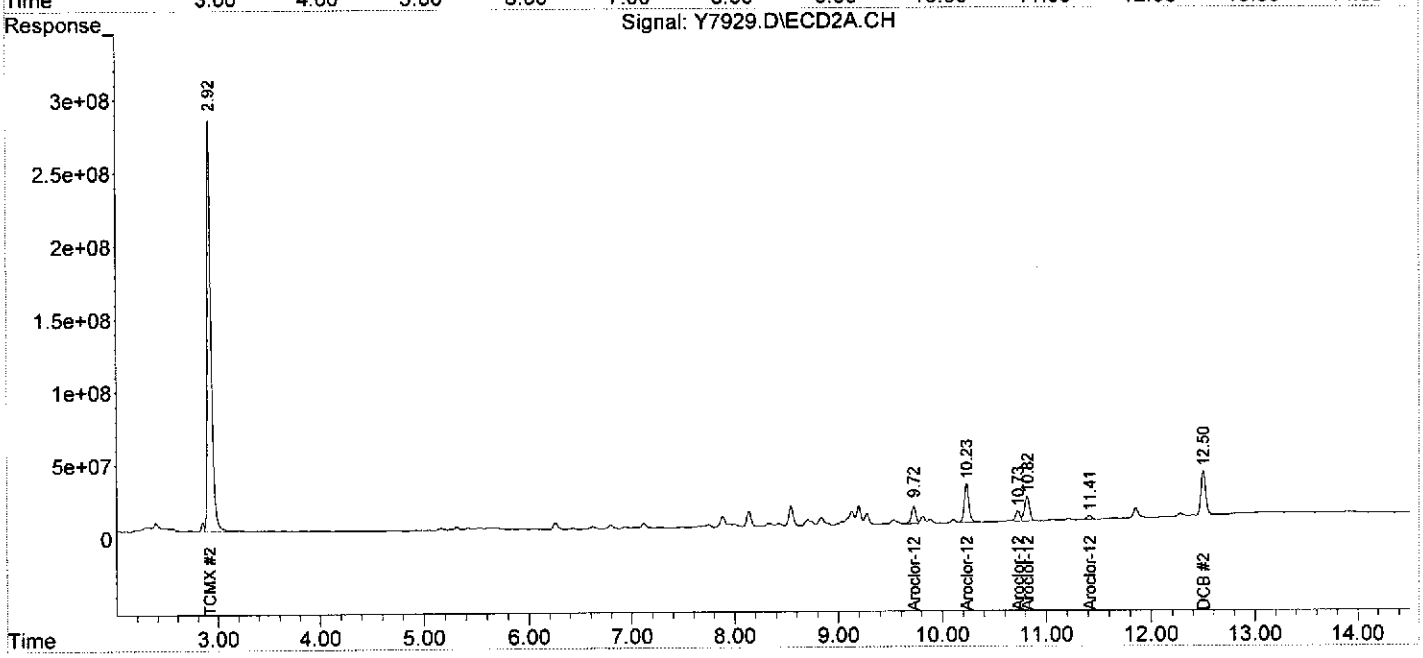
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7929.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 6:03
Operator : YG
Sample : X-37_(4.0-,07431-025,S,5.18g,43.9,07/30/12,4
Misc : 120730-09,07/24/12,07/24/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 10:08:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8215.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:22
Operator : YG
Sample : X-37_(4.75,07431-026,S,5.14g,20.4,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:50:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	29592.3E6	11113.6E6	311.266m	317.963m
Spiked Amount 200.000			Recovery	=	155.63%	158.98%
2) S DCB	12.10	12.49	6880.4E6	2393.5E6	333.869m	278.523m
Spiked Amount 200.000			Recovery	=	166.93%	139.26%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.62	9.72	697.5E6	235.2E6	90.406	102.871
39) L9 Aroclor-1262 {2}	9.47	10.22	1474.7E6	548.6E6	102.289	109.348
40) L9 Aroclor-1262 {3}	10.10	10.72	406.9E6	171.1E6	130.829	103.390
41) L9 Aroclor-1262 {4}	10.19	10.81	746.3E6	425.1E6	122.829	124.453
42) L9 Aroclor-1262 {5}	11.01	11.41	434.5E6	131.8E6	96.362	234.335 #
Sum Aroclor-1262			3759.9E6	1511.7E6	542.715	674.396
Average Aroclor-1262					108.543	134.879
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

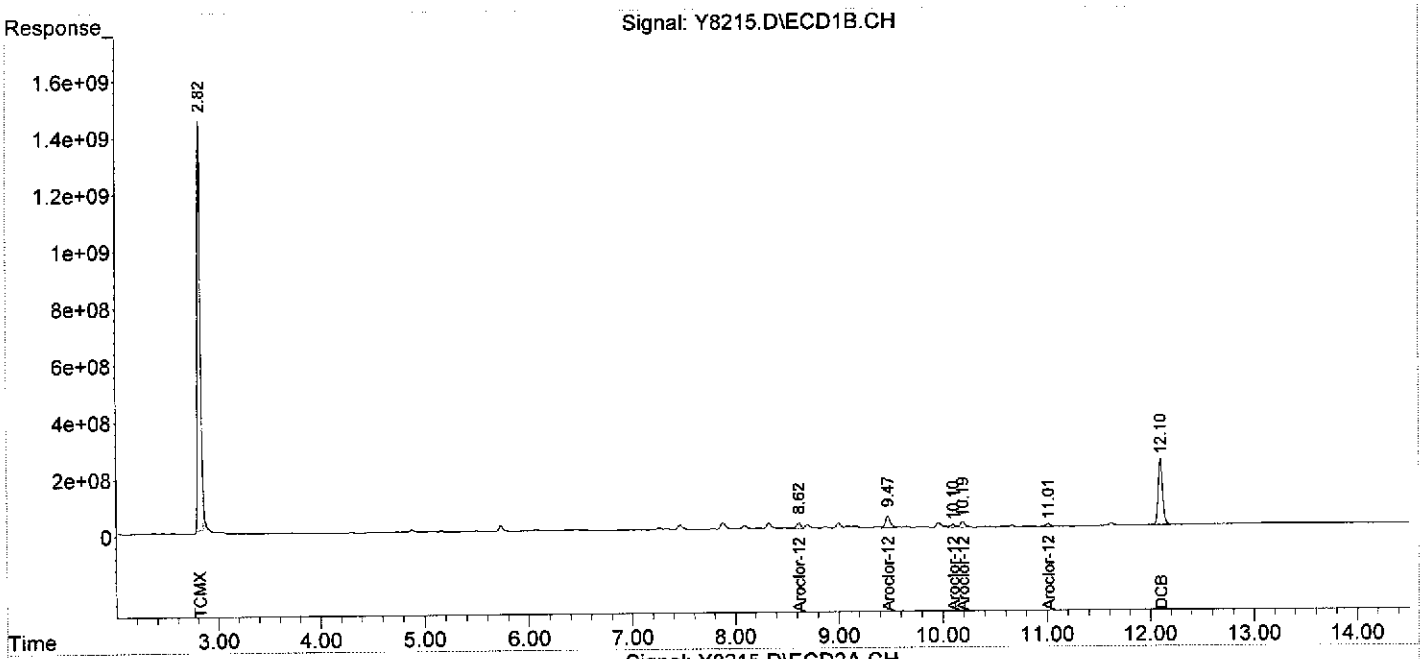
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

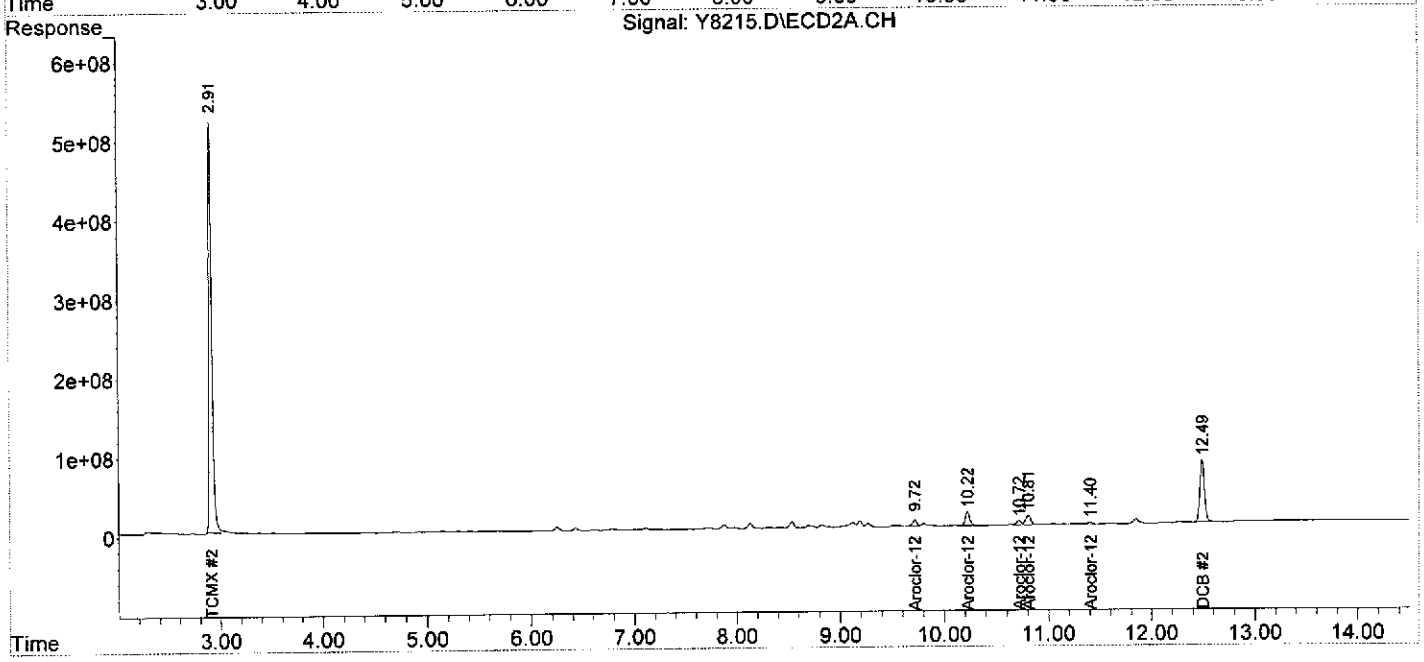
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8215.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:22
Operator : YG
Sample : X-37_(4.75,07431-026,S,5.14g,20.4,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:50:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8243.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:29
Operator : YG
Sample : Y-37_(0-2.,07431-027,S,5.03g,25.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:15:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds								
Target Compounds								
Sum Aroclor-1016				0	0	N.D.	N.D.	
Average Aroclor-1016						0.000	0.000	
Sum Aroclor-1221				0	0	N.D.	N.D.	
Average Aroclor-1221						0.000	0.000	
Sum Aroclor-1232				0	0	N.D.	N.D.	
Average Aroclor-1232						0.000	0.000	
Sum Aroclor-1242				0	0	N.D.	N.D.	
Average Aroclor-1242						0.000	0.000	
Sum Aroclor-1248				0	0	N.D.	N.D.	
Average Aroclor-1248						0.000	0.000	
Sum Aroclor-1254				0	0	N.D.	N.D.	
Average Aroclor-1254						0.000	0.000	
33) L8 Aroclor-1260		8.33	7.88	1639.4E6	277.8E6	225.700	258.338	
34) L8 Aroclor-1260	{2}	9.00	8.13	1107.3E6	385.7E6	349.423	243.397	#
35) L8 Aroclor-1260	{3}	9.48	9.72	3049.0E6	420.5E6	369.457	317.400	
36) L8 Aroclor-1260	{4}	9.96	10.23	1218.0E6	1039.1E6	294.715	360.075	
37) L8 Aroclor-1260	{5}	11.02	10.82	805.6E6	757.9E6	478.694	372.888	
Sum Aroclor-1260				7819.4E6	2881.0E6	1717.988	1552.098	
Average Aroclor-1260						343.598	310.420	
Sum Aroclor-1262				0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000	
Sum Aroclor-1268				0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000	

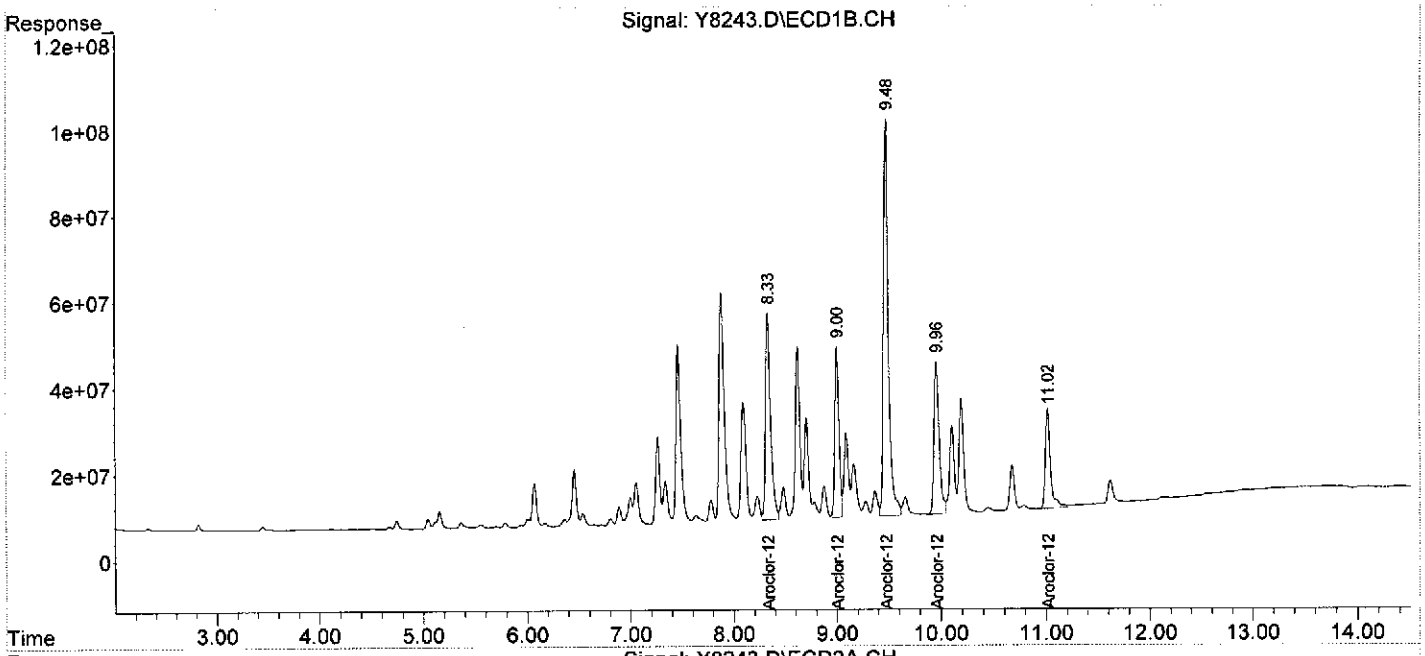
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

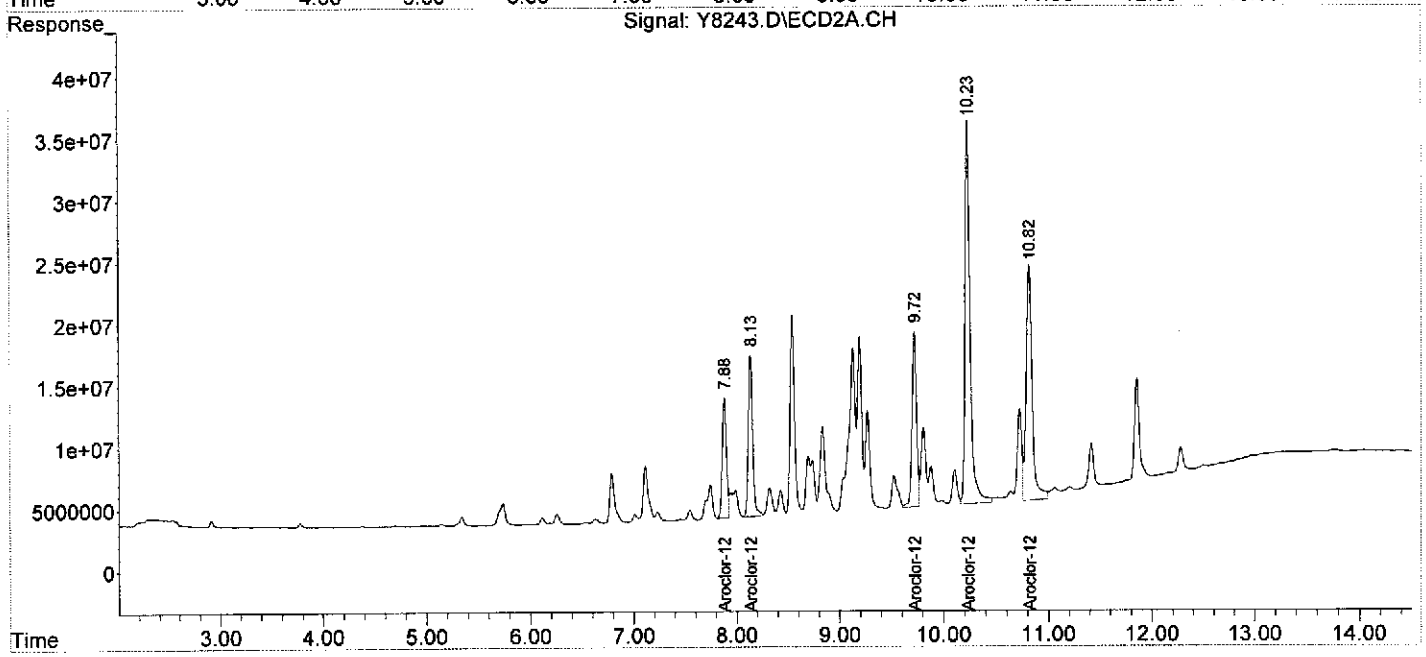
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8243.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:29
Operator : YG
Sample : Y-37_(0-2.,07431-027,S,5.03g,25.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:15:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8217.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:57
Operator : YG
Sample : Y-37_(2.0-,07431-028,S,5.09g,26.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:51:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds							
1) S TCMX		2.82	2.91	2341.5E6	812.7E6	24.629	23.253
Spiked Amount 200.000				Recovery	=	12.31%	11.63%
2) S DCB		12.10	12.49	809.9E6	238.8E6	39.300m	27.790m#
Spiked Amount 200.000				Recovery	=	19.65%	13.90%
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
Sum Aroclor-1248				0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
28) L7 Aroclor-1254		6.45	7.11	4691.2E6	1808.9E6	796.356	834.784
29) L7 Aroclor-1254	{2}	6.89	7.70	2259.7E6	732.4E6	582.529	428.724 #
30) L7 Aroclor-1254	{3}	7.05	8.31	4966.2E6	1266.6E6	670.009	752.104
31) L7 Aroclor-1254	{4}	7.46	8.54	10249.0E6	2962.4E6	1332.700	3072.663 #
32) L7 Aroclor-1254	{5}	8.33	9.13	11990.9E6	4674.4E6	1737.808	1955.130
Sum Aroclor-1254				34156.9E6	11444.7E6	5119.402	7043.405
Average Aroclor-1254						1023.880	1408.681
33) L8 Aroclor-1260		8.33	7.88	11990.9E6	2832.6E6	1650.846	2634.020 #
34) L8 Aroclor-1260	{2}	9.00	8.13	5332.7E6	2390.6E6	1682.776	1508.633
35) L8 Aroclor-1260	{3}	9.48	9.72	15426.2E6	2723.0E6	1869.215	2055.370
36) L8 Aroclor-1260	{4}	9.96	10.22	5832.5E6	6242.7E6	1411.289	2163.200 #
37) L8 Aroclor-1260	{5}	11.01	10.81	3106.9E6	4450.3E6	1846.069m	2189.529
Sum Aroclor-1260				41689.3E6	18639.3E6	8460.195	10550.751
Average Aroclor-1260						1692.039	2110.150
Sum Aroclor-1262				0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8217.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:57
Operator : YG
Sample : Y-37_(2.0-,07431-028,S,5.09g,26.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:51:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

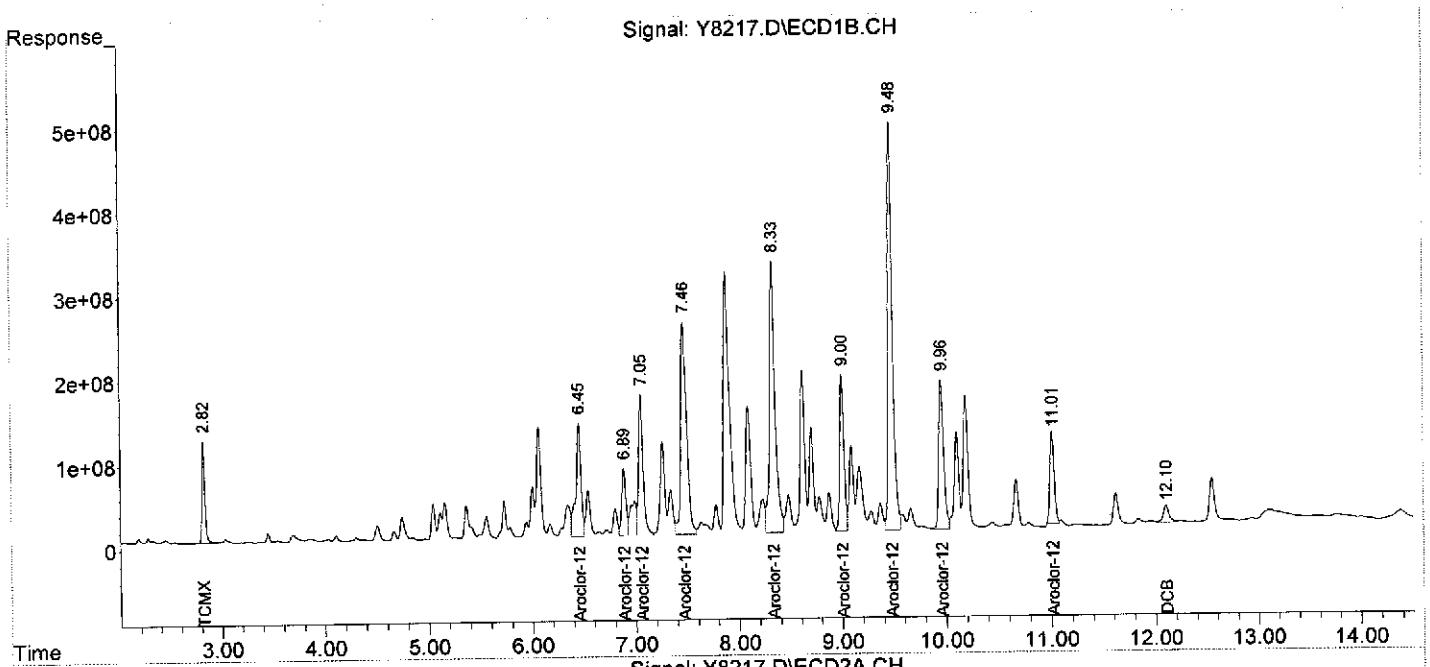
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

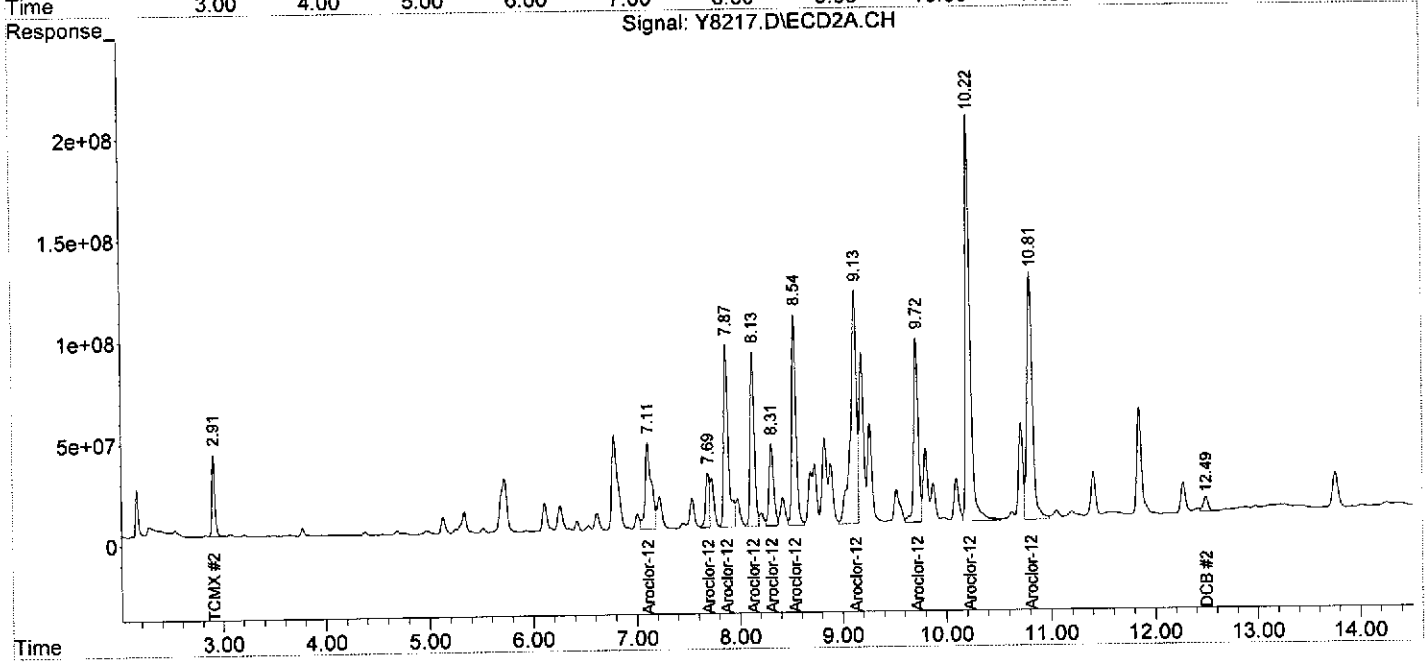
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8217.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:57
Operator : YG
Sample : Y-37_(2.0-,07431-028,S,5.09g,26.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:51:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8244.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:47
Operator : YG
Sample : Y-37_(2.75,07431-029,S,5.16g,29.8,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:19:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.88	1466.2E6	220.8E6	201.859	205.359
34) L8 Aroclor-1260 {2}	9.01	8.13	743.6E6	297.4E6	234.638	187.709
35) L8 Aroclor-1260 {3}	9.48	9.72	2419.4E6	294.2E6	293.157	222.031
36) L8 Aroclor-1260 {4}	9.96	10.23	1036.9E6	793.7E6	250.896	275.037
37) L8 Aroclor-1260 {5}	11.02	10.82	680.5E6	544.6E6	404.339	267.954 #
Sum Aroclor-1260			6346.5E6	2150.8E6	1384.889	1158.090
Average Aroclor-1260					276.978	231.618
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

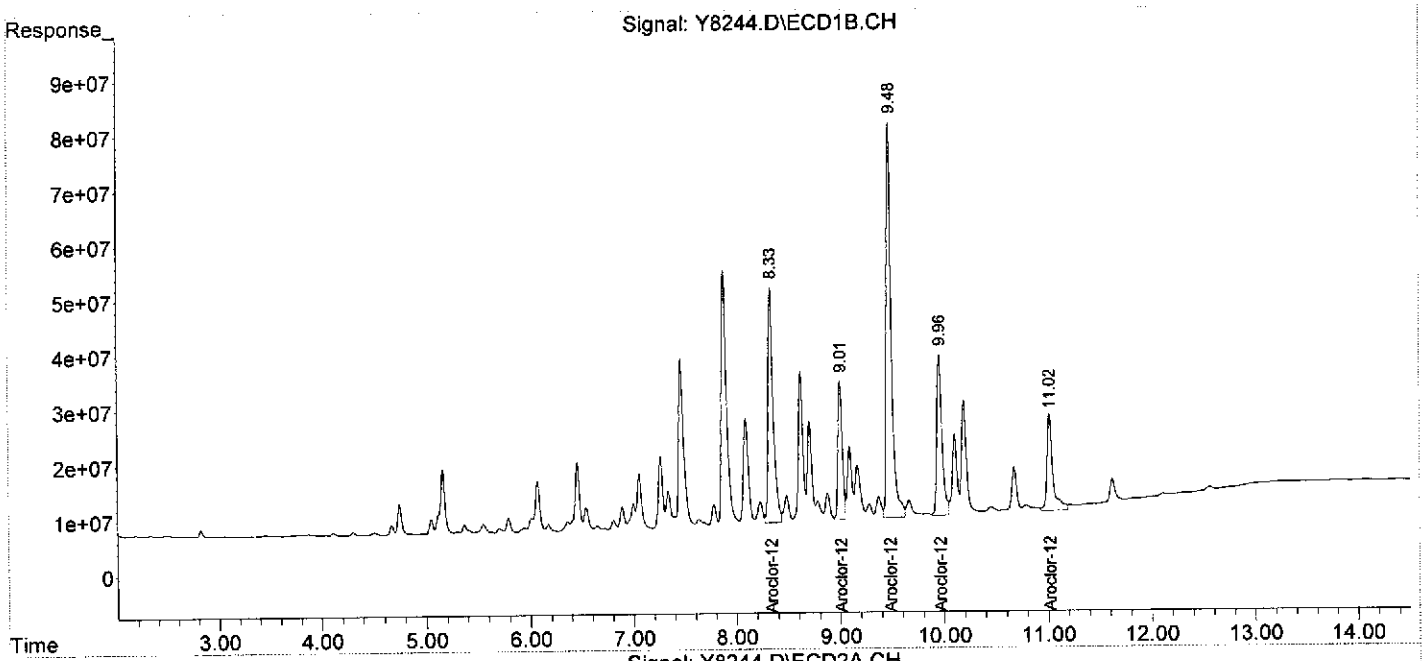
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

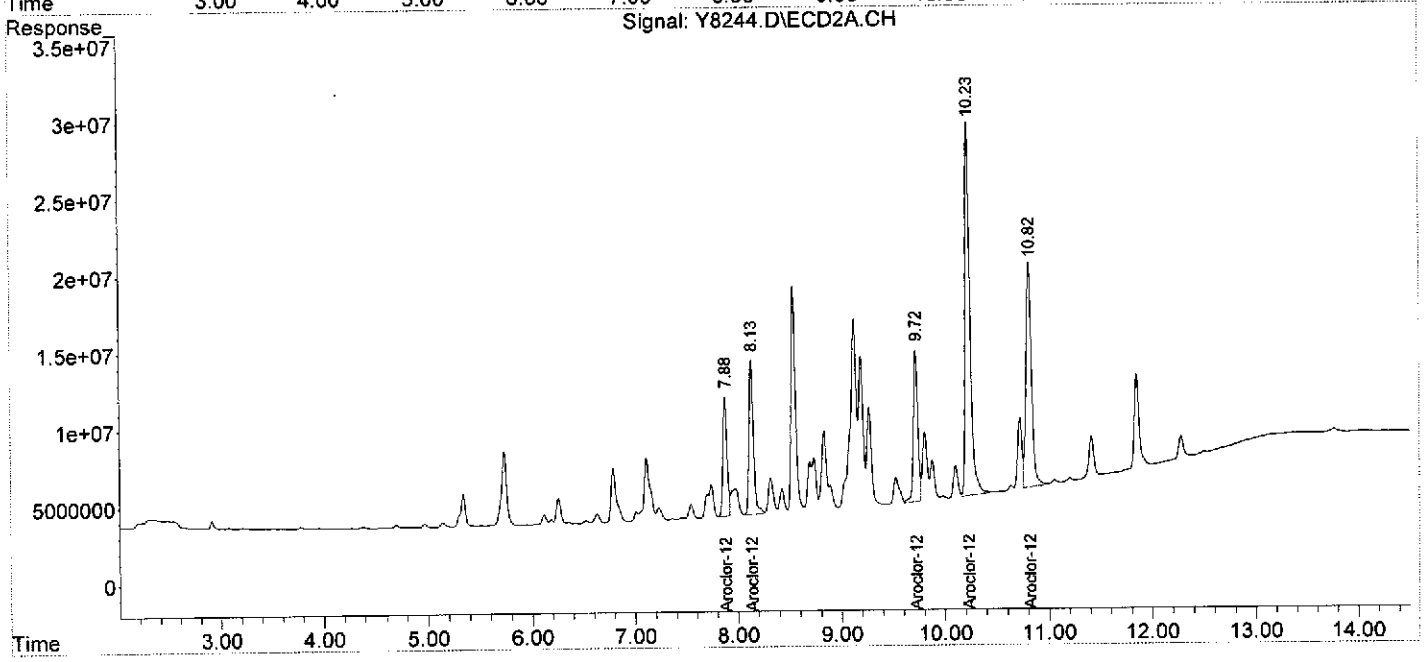
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8244.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 18:47
Operator : YG
Sample : Y-37_(2.75,07431-029,S,5.16g,29.8,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:19:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8219.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:31
Operator : YG
Sample : Y-37_(4.0-,07431-030,S,5.17g,21.0,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:52:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
1) S TCMX	2.82	2.91	27624.2E6	9726.0E6	290.565	278.263	
Spiked Amount 200.000			Recovery	=	145.28%	139.13%	
2) S DCB	12.10	12.49	5309.0E6	2131.5E6	257.618m	248.037m	
Spiked Amount 200.000			Recovery	=	128.81%	124.02%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
28) L7 Aroclor-1254	6.45	7.11	1163.8E6	275.9E6	197.566	127.338	#
29) L7 Aroclor-1254 {2}	6.89	7.70	339.7E6	94500703	87.569	55.321	#
30) L7 Aroclor-1254 {3}	7.05	8.31	806.1E6	230.8E6	108.753	137.055	#
31) L7 Aroclor-1254 {4}	7.46	8.54	2440.5E6	1026.5E6	317.342	1064.702	#
32) L7 Aroclor-1254 {5}	8.33	9.12	2817.8E6	1338.6E6	408.383	559.885	#
Sum Aroclor-1254			7567.9E6	2966.3E6	1119.613	1944.301	
Average Aroclor-1254					223.923	388.860	
33) L8 Aroclor-1260	8.33	7.87	2817.8E6	579.1E6	387.947	538.464	#
34) L8 Aroclor-1260 {2}	9.00	8.13	1555.7E6	681.4E6	490.915	430.000	
35) L8 Aroclor-1260 {3}	9.48	9.72	6197.8E6	806.6E6	751.001	608.864	
36) L8 Aroclor-1260 {4}	9.96	10.22	2726.9E6	2308.2E6	659.825	799.820	
37) L8 Aroclor-1260 {5}	11.01	10.81	1912.4E6	1709.5E6	1136.272	841.092	#
Sum Aroclor-1260			15210.7E6	6084.8E6	3425.960	3218.239	
Average Aroclor-1260					685.192	643.648	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8219.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:31
Operator : YG
Sample : Y-37_(4.0-,07431-030,S,5.17g,21.0,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:52:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

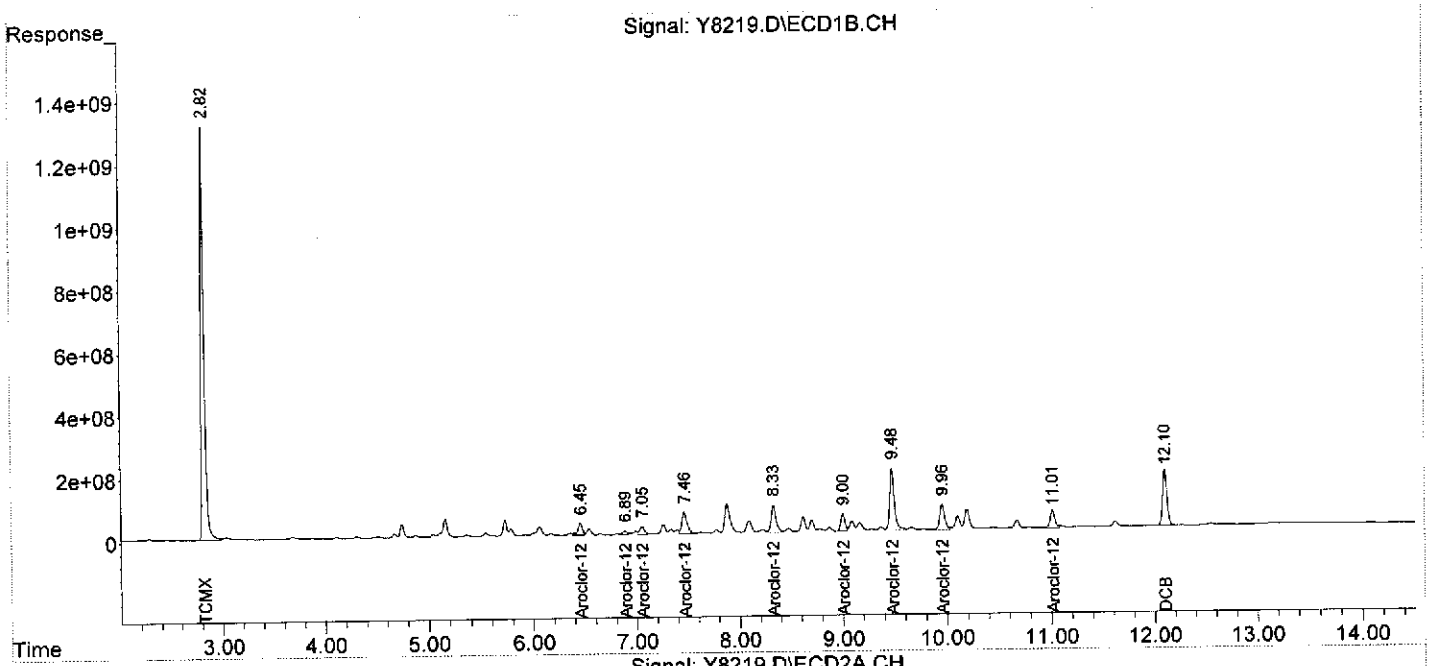
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

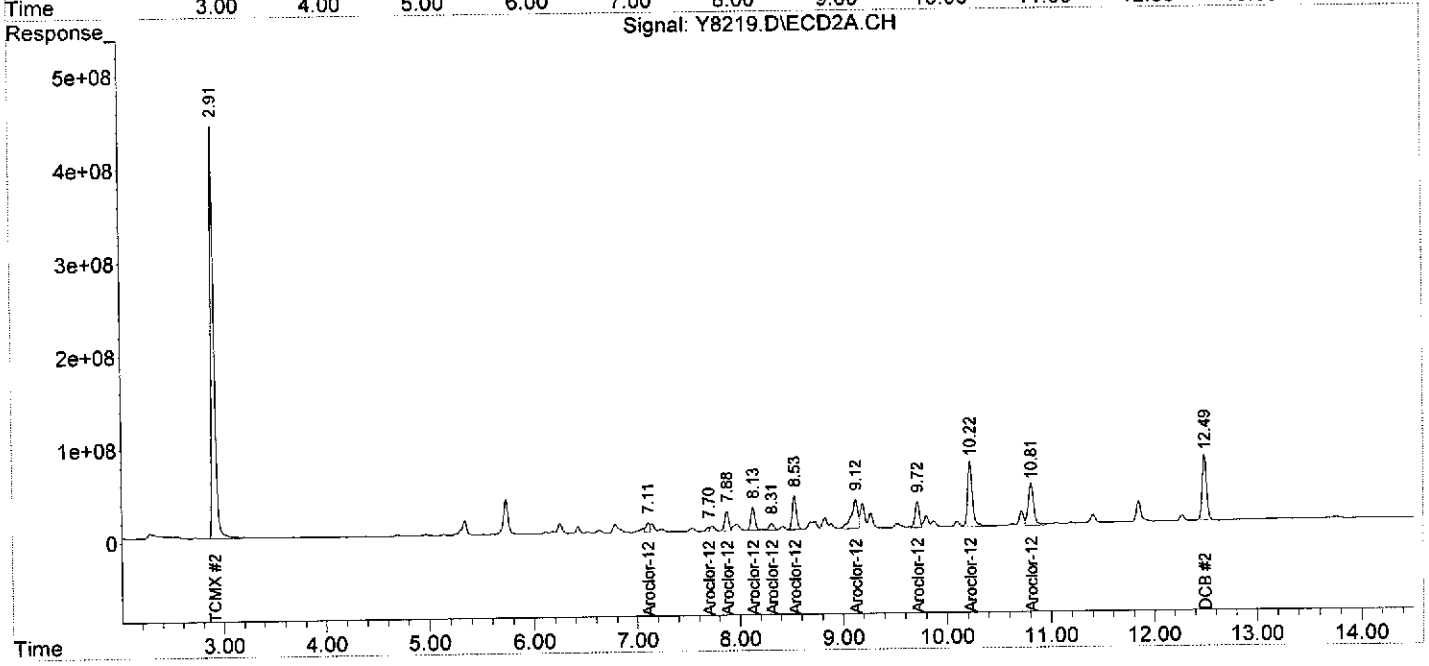
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8219.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:31
Operator : YG
Sample : Y-37_(4.0-,07431-030,S,5.17g,21.0,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:52:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8220.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:48
Operator : YG
Sample : U-36_(0-2.,07431-031,S,5.19g,18.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:56:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	2240.7E6	790.5E6	23.569	22.616
Spiked Amount 200.000			Recovery =		11.78%	11.31%
2) S DCB	12.10	12.50	600.9E6	199.3E6	29.156m	23.191m
Spiked Amount 200.000			Recovery =		14.58%	11.60%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	4789.1E6	1597.6E6	1086.234	1002.178
24) L6 Aroclor-1248 {2}	5.04	5.71	3492.6E6	3107.4E6	1440.959	1326.468
25) L6 Aroclor-1248 {3}	5.37	6.11	4907.9E6	2291.6E6	1599.449	1352.925
26) L6 Aroclor-1248 {4}	6.06	6.27	10400.9E6	1761.4E6	1866.255	1211.808 #
27) L6 Aroclor-1248 {5}	6.33	6.62	6741.0E6	945.6E6	1618.277	1126.152 #
Sum Aroclor-1248			30331.5E6	9703.6E6	7611.174	6019.532
Average Aroclor-1248					1522.235	1203.906
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.87	9237.6E6	2642.8E6	1271.789	2457.491 #
34) L8 Aroclor-1260 {2}	9.00	8.13	2568.6E6	1730.9E6	810.557	1092.290 #
35) L8 Aroclor-1260 {3}	9.48	9.72	7888.1E6	1281.1E6	955.808	966.968
36) L8 Aroclor-1260 {4}	9.96	10.23	3117.2E6	2903.2E6	754.251	1006.012 #
37) L8 Aroclor-1260 {5}	11.01	10.81	1745.5E6	2077.6E6	1037.111	1022.169
Sum Aroclor-1260			24556.9E6	10635.5E6	4829.516	6544.931
Average Aroclor-1260					965.903	1308.986
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8220.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:48
Operator : YG
Sample : U-36_(0-2.,07431-031,S,5.19g,18.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:56:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

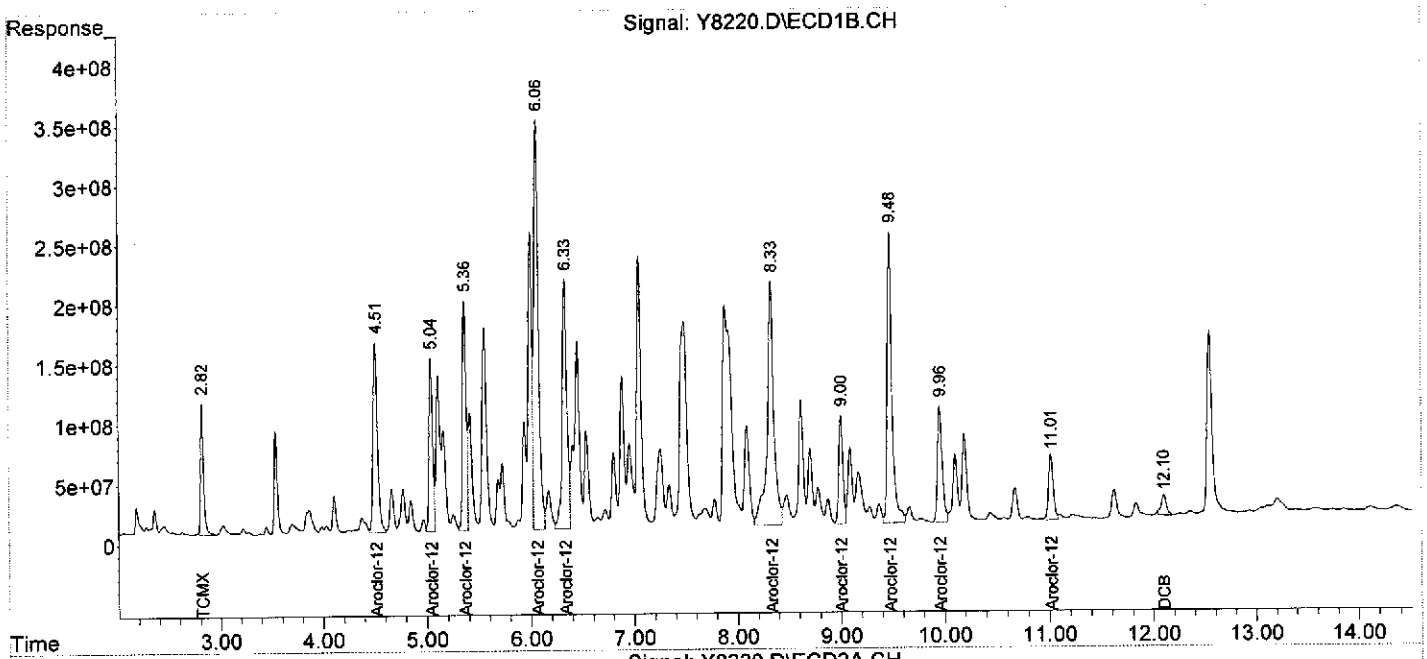
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

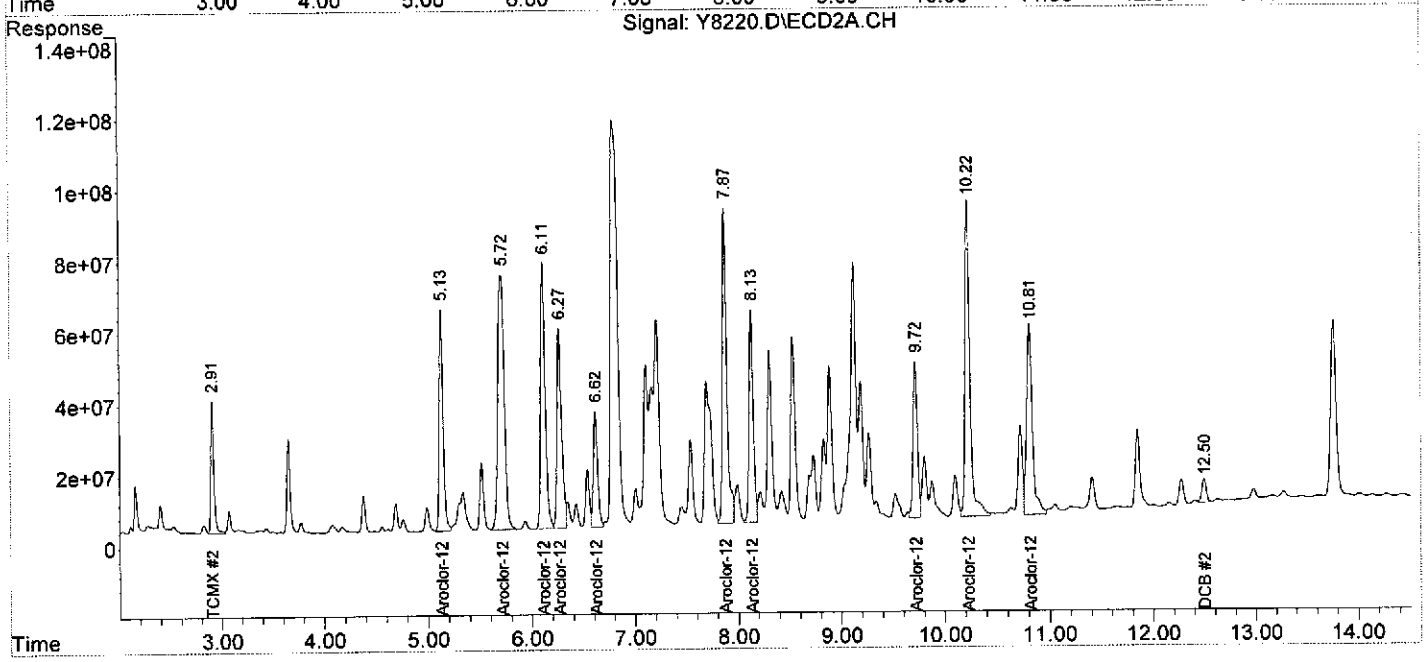
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8220.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 5:48
Operator : YG
Sample : U-36_(0-2.,07431-031,S,5.19g,18.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:56:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8221.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:05
Operator : YG
Sample : U-36_(2.0-,07431-032,S,5.18g,12.2,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:57:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds							
1) S TCMX		2.82	2.91	20393.3E6	6786.1E6	214.507	194.152
Spiked Amount 200.000				Recovery	=	107.25%	97.08%
2) S DCB		12.10	12.49	4275.9E6	1652.6E6	207.485m	192.309m
Spiked Amount 200.000				Recovery	=	103.74%	96.15%
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
Sum Aroclor-1248				0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
Sum Aroclor-1254				0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
33) L8 Aroclor-1260		8.33	7.88	183.9E6	39882046	25.322	37.086 #
34) L8 Aroclor-1260	{2}	9.00	8.13	124.0E6	43674735	39.141m	27.562 #
35) L8 Aroclor-1260	{3}	9.48	9.72	304.8E6	61687403	36.927m	46.563 #
36) L8 Aroclor-1260	{4}	9.96	10.23	138.6E6	112.2E6	33.543m	38.876m
37) L8 Aroclor-1260	{5}	11.01	10.81	124.0E6	99815877	73.653m	49.109m#
Sum Aroclor-1260				875.3E6	357.3E6	208.587	199.195
Average Aroclor-1260						41.717	39.839
Sum Aroclor-1262				0	0	N.D.	N.D.
Average Aroclor-1262						0.000	0.000
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000

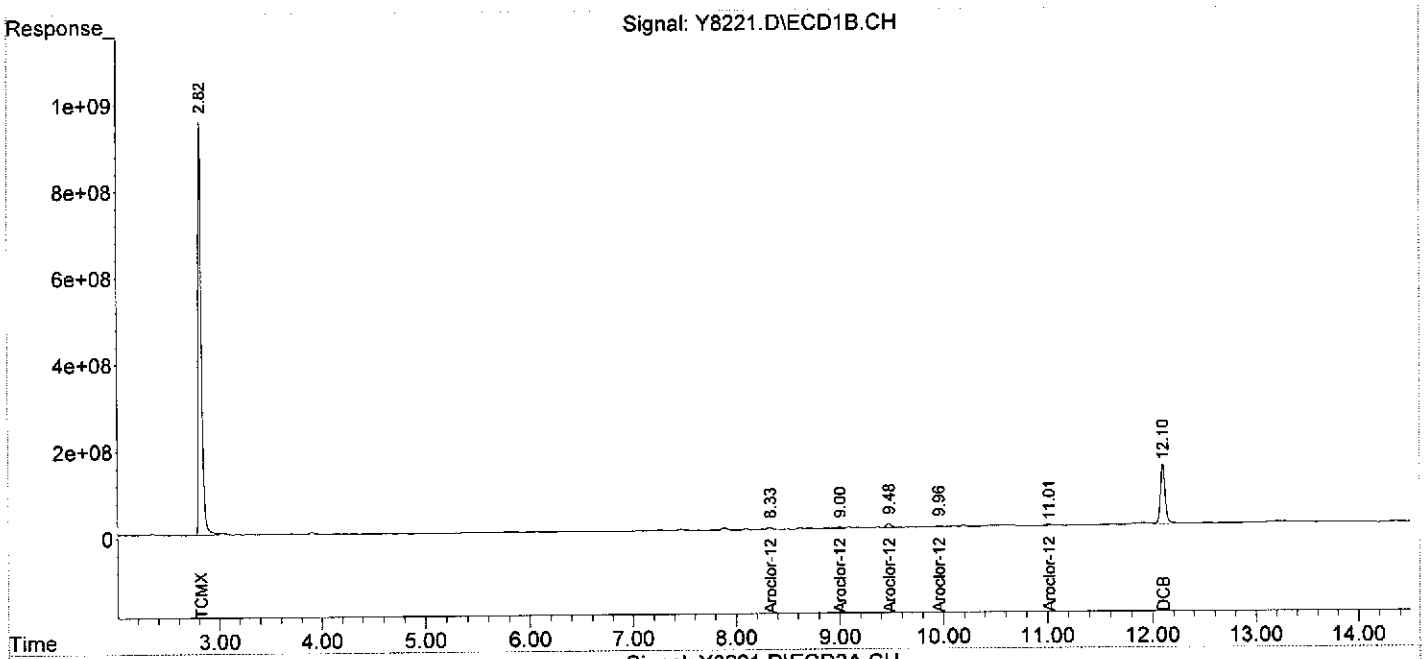
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

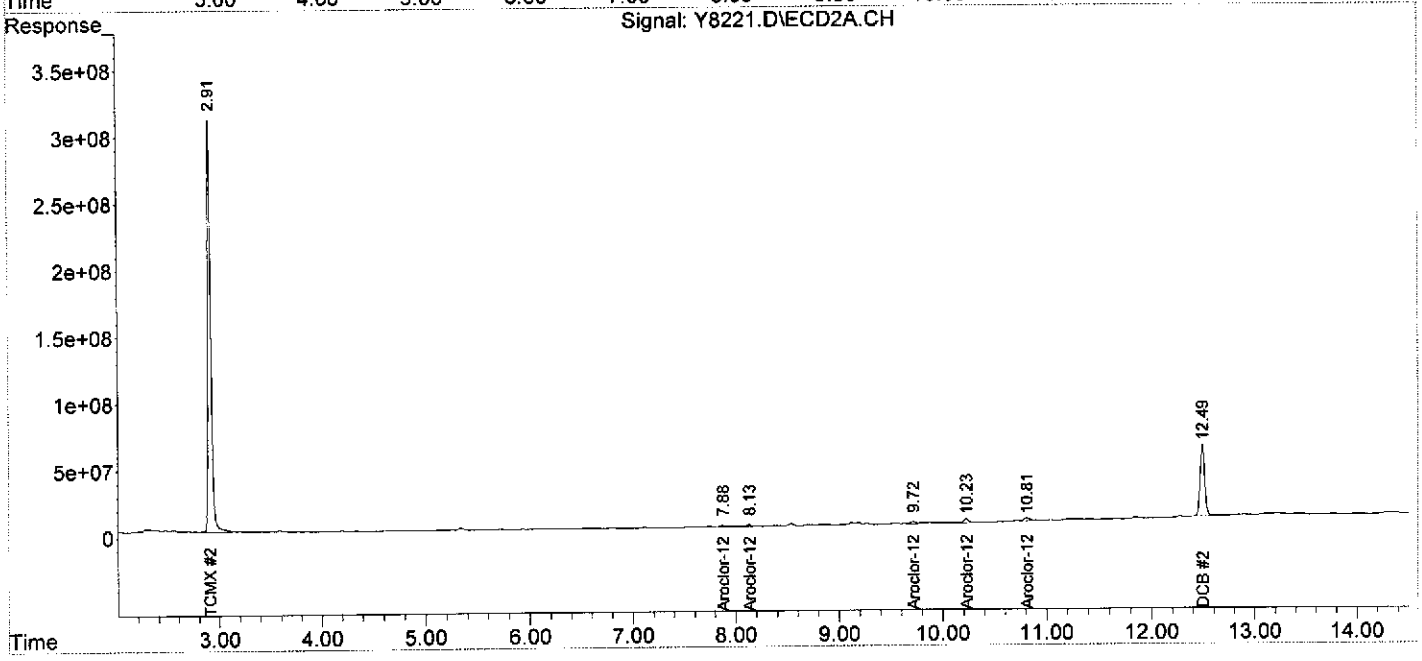
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8221.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:05
Operator : YG
Sample : U-36_(2.0-,07431-032,S,5.18g,12.2,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:57:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8222.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:22
Operator : YG
Sample : U-36_(4.0-,07431-033,S,5.05g,82.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:59:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	36239.4E6	13630.3E6	381.183m	389.965m
Spiked Amount 200.000			Recovery	=	190.59%	194.98%
2) S DCB	12.10	12.49	8090.3E6	3603.4E6	392.580m	419.324m
Spiked Amount 200.000			Recovery	=	196.29%	209.66%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

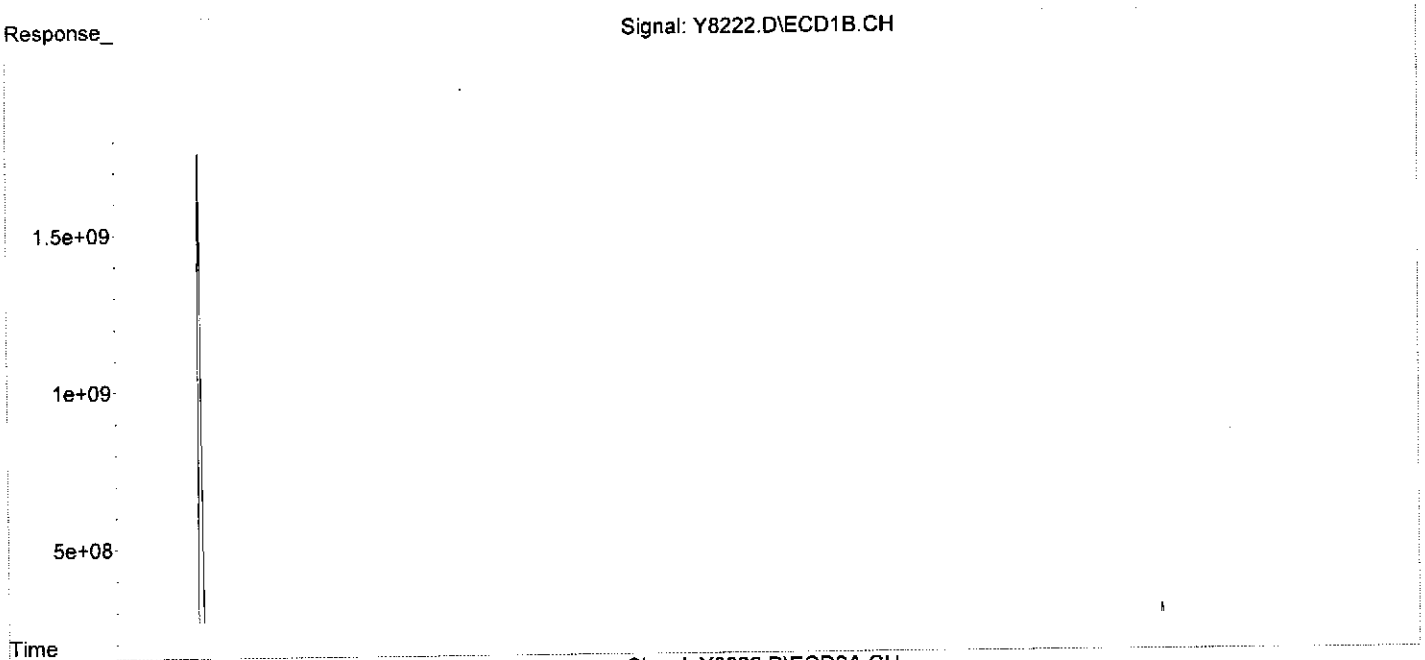
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

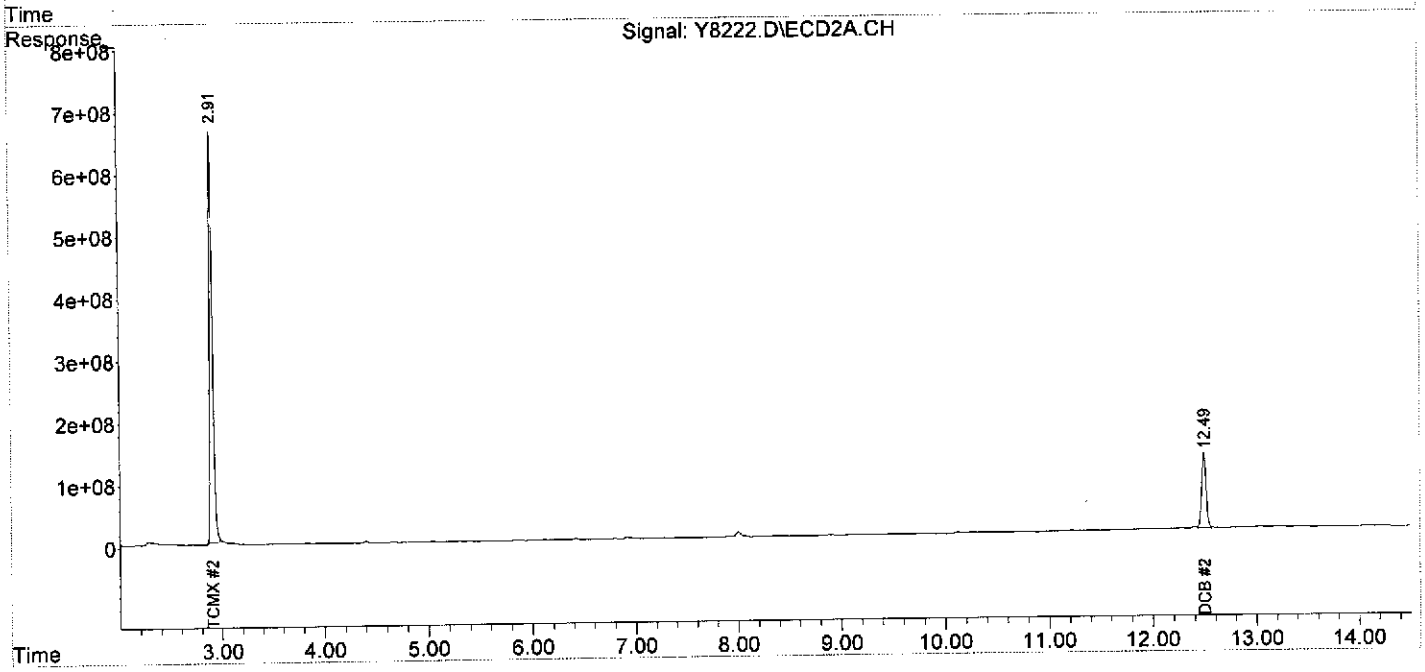
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8222.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:22
Operator : YG
Sample : U-36_(4.0-,07431-033,S,5.05g,82.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:59:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8223.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:40
Operator : YG
Sample : U-36_(5.0-,07431-034,S,5.15g,20.6,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:00:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.84	2.91	66137.8E6	28824.4E6	695.669	824.672
Spiked Amount 200.000			Recovery	=	347.83%	412.34%
2) S DCB	12.10	12.49	14117.4E6	6693.1E6	685.039	778.860
Spiked Amount 200.000			Recovery	=	342.52%	389.43%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

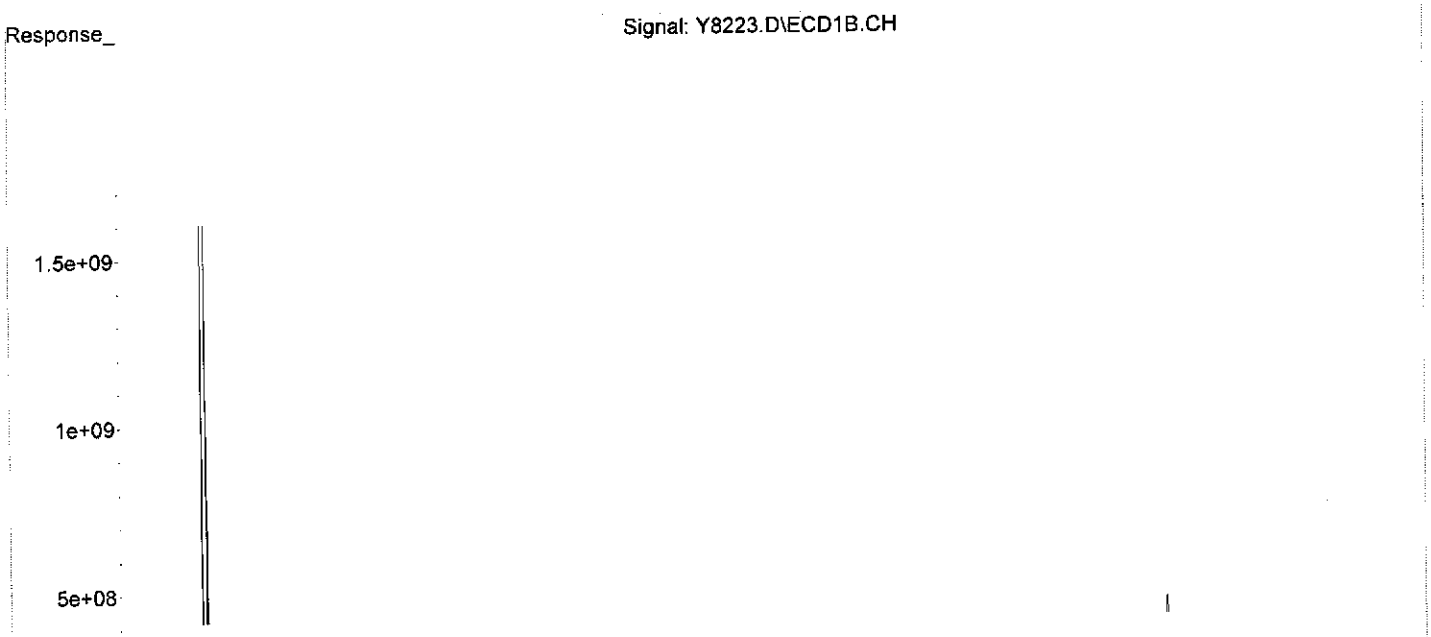
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

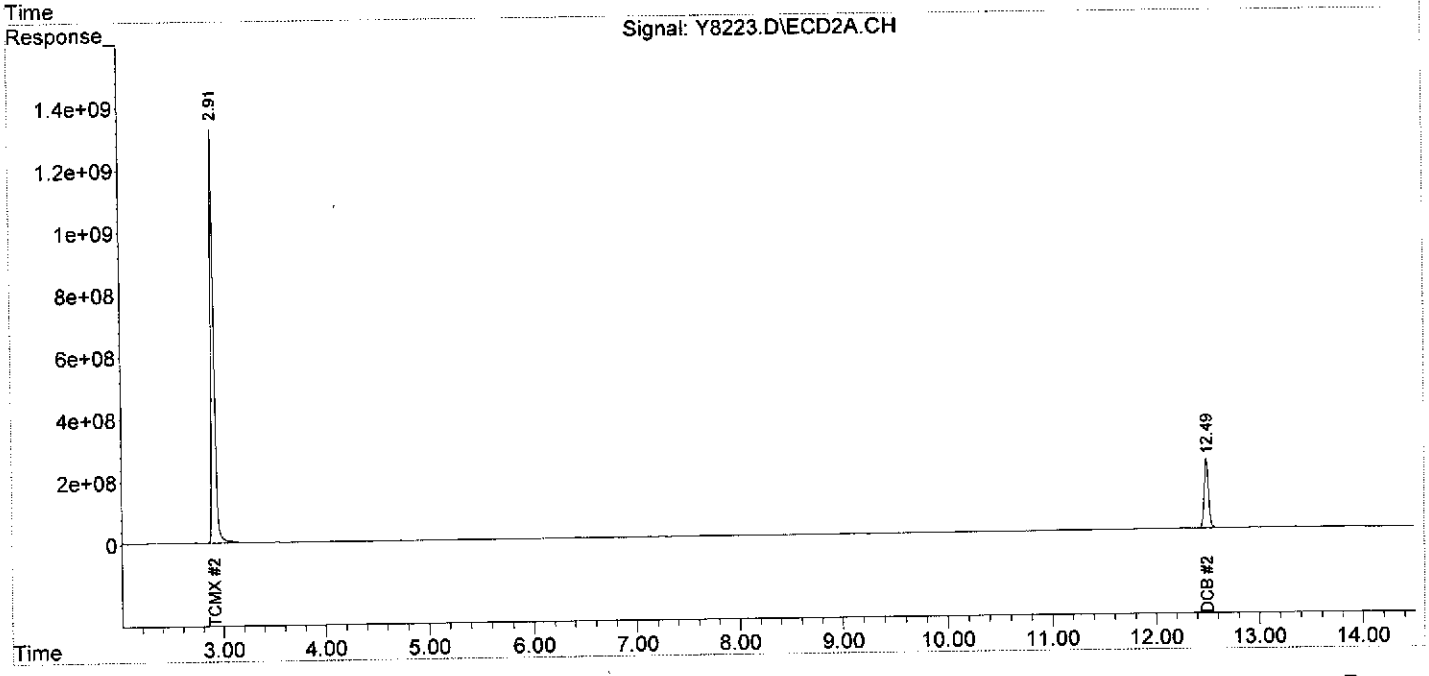
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8223.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:40
Operator : YG
Sample : U-36_(5.0-,07431-034,S,5.15g,20.6,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 24 Sample Multiplier: 1

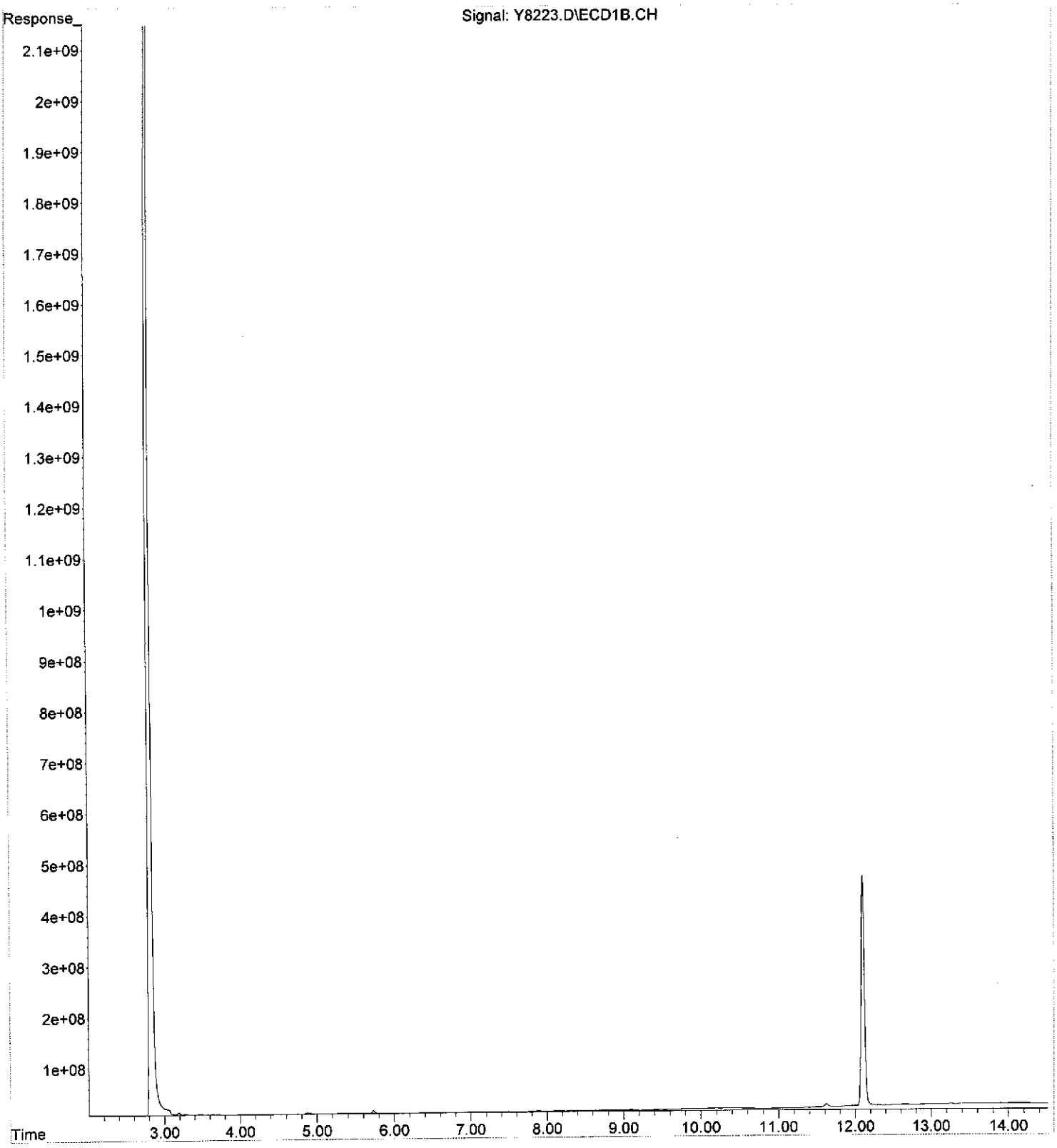
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:00:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-08-12\Y8223.D
Operator : YG
Acquired : 09 Aug 2012 6:40 using AcqMethod YPCB0727.M
Instrument : GC_Y
Sample Name: U-36_(5.0-,07431-034,S,5.15g,20.6,07/30/12,4
Misc Info : 120730-11,07/24/12,07/24/12,1
Vial Number: 24



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8224.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:57
Operator : YG
Sample : U-37_(0-2.,07431-035,S,5.62g,23.8,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:01:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	2166.8E6	732.1E6	22.792	20.945
Spiked Amount 200.000			Recovery =		11.40%	10.47%
2) S DCB	12.10	12.49	502.8E6	203.4E6	24.397m	23.664m
Spiked Amount 200.000			Recovery =		12.20%	11.83%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.45	7.11	2966.8E6	804.6E6	503.641	371.333 #
29) L7 Aroclor-1254 {2}	6.89	7.70	1651.9E6	492.5E6	425.840	288.336 #
30) L7 Aroclor-1254 {3}	7.05	8.31	3540.5E6	875.4E6	477.670	519.790
31) L7 Aroclor-1254 {4}	7.46	8.54	6632.5E6	1720.2E6	862.448	1784.233 #
32) L7 Aroclor-1254 {5}	8.33	9.13	6792.1E6	2551.6E6	984.366	1067.250
Sum Aroclor-1254			21584.0E6	6444.4E6	3253.965	4030.942
Average Aroclor-1254					650.793	806.188
33) L8 Aroclor-1260	8.33	7.88	6792.1E6	1567.4E6	935.107	1457.475 #
34) L8 Aroclor-1260 {2}	9.00	8.13	3282.6E6	1442.8E6	1035.864	910.504
35) L8 Aroclor-1260 {3}	9.48	9.72	9518.7E6	1423.3E6	1153.391	1074.343
36) L8 Aroclor-1260 {4}	9.96	10.23	3946.9E6	3466.5E6	955.027	1201.204 #
37) L8 Aroclor-1260 {5}	11.02	10.81	2075.3E6	2473.7E6	1233.075	1217.077
Sum Aroclor-1260			25615.6E6	10373.8E6	5312.464	5860.603
Average Aroclor-1260					1062.493	1172.121
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8224.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:57
Operator : YG
Sample : U-37_(0-2.,07431-035,S,5.62g,23.8,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:01:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

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

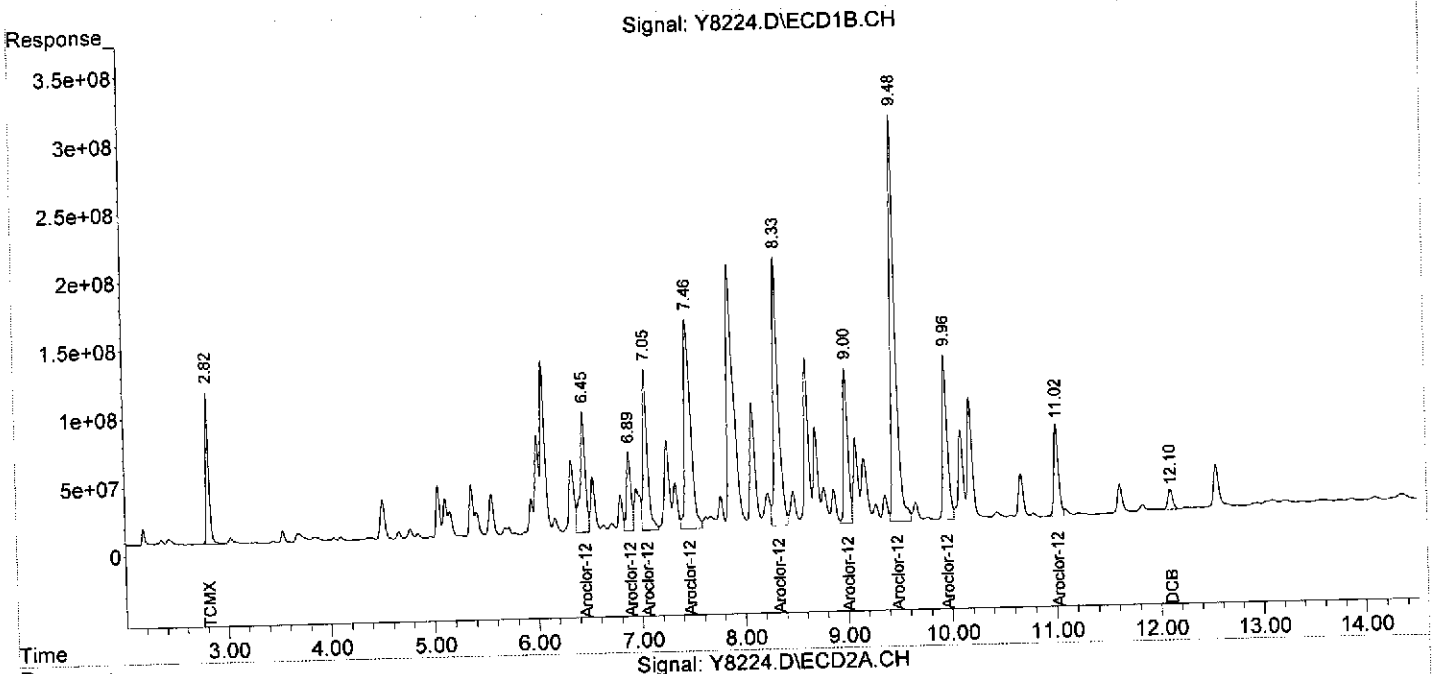
Quantitation Report (QT Reviewed)

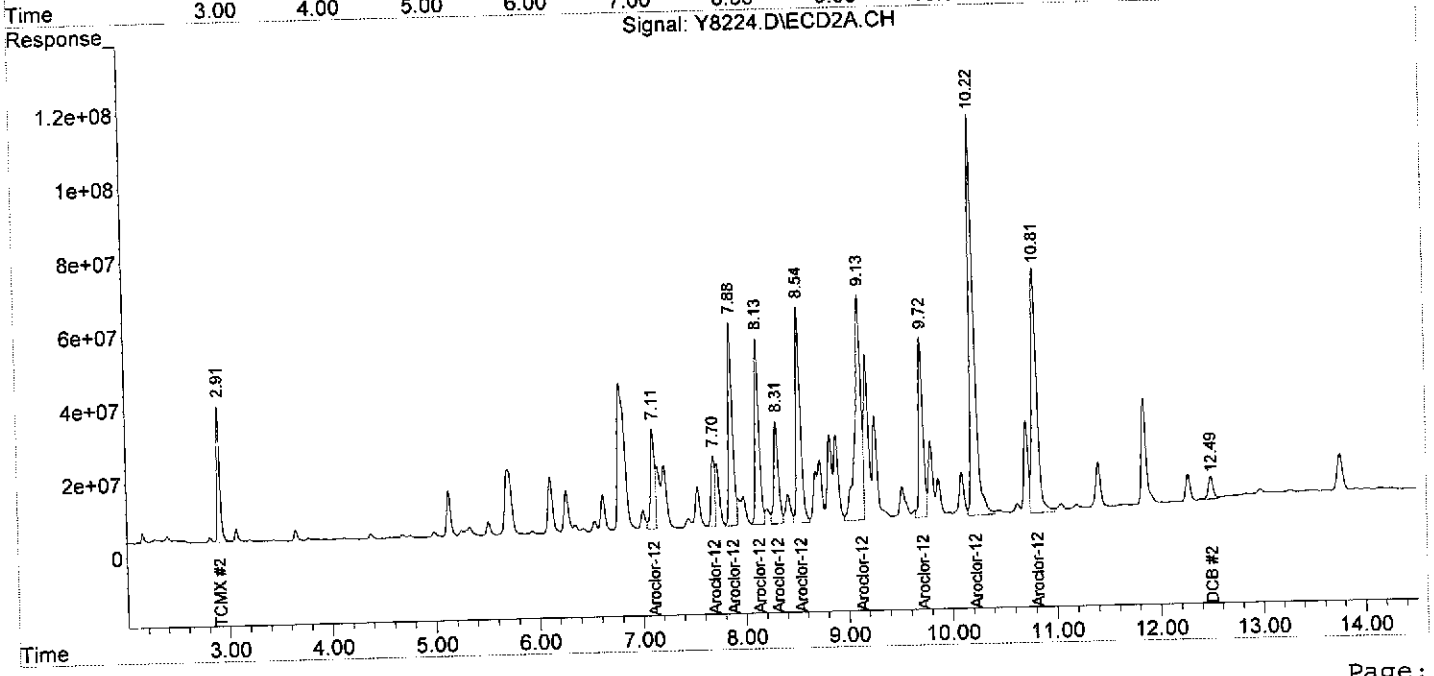
Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8224.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 6:57
Operator : YG
Sample : U-37_(0-2.,07431-035,S,5.62g,23.8,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:01:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Signal #2 Phase:
Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8245.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:04
Operator : YG
Sample : U-37_(2.0-,07431-036,S,5.04g,23.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:16:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
Sum Aroclor-1248			0	0	N.D.	N.D.	
Average Aroclor-1248					0.000	0.000	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260		8.33	7.88	1260.8E6	282.0E6	173.575	262.261 #
34) L8 Aroclor-1260	{2}	9.00	8.13	801.5E6	287.5E6	252.911	181.401 #
35) L8 Aroclor-1260	{3}	9.48	9.72	2195.9E6	331.7E6	266.075	250.361
36) L8 Aroclor-1260	{4}	9.96	10.23	811.0E6	752.4E6	196.239	260.730 #
37) L8 Aroclor-1260	{5}	11.02	10.81	732.2E6	524.3E6	435.031	257.977 #
Sum Aroclor-1260				5801.3E6	2178.0E6	1323.831	1212.729
Average Aroclor-1260						264.766	242.546
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

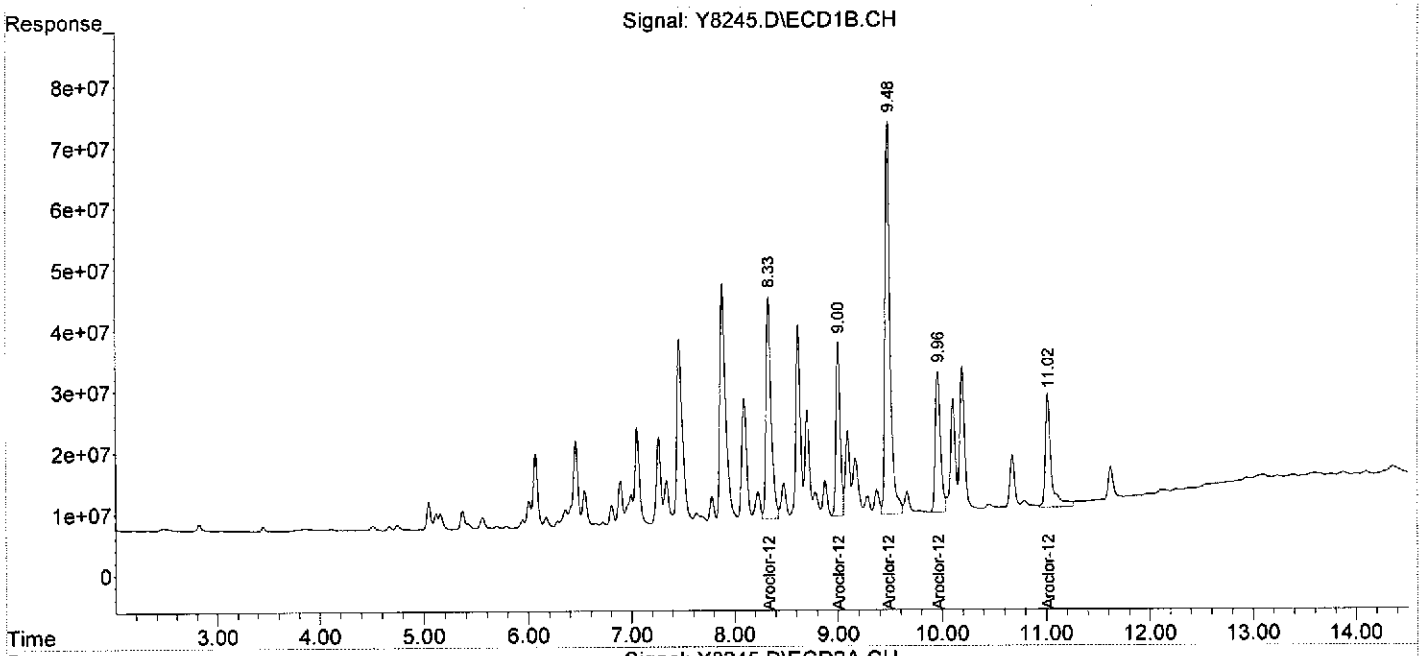
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

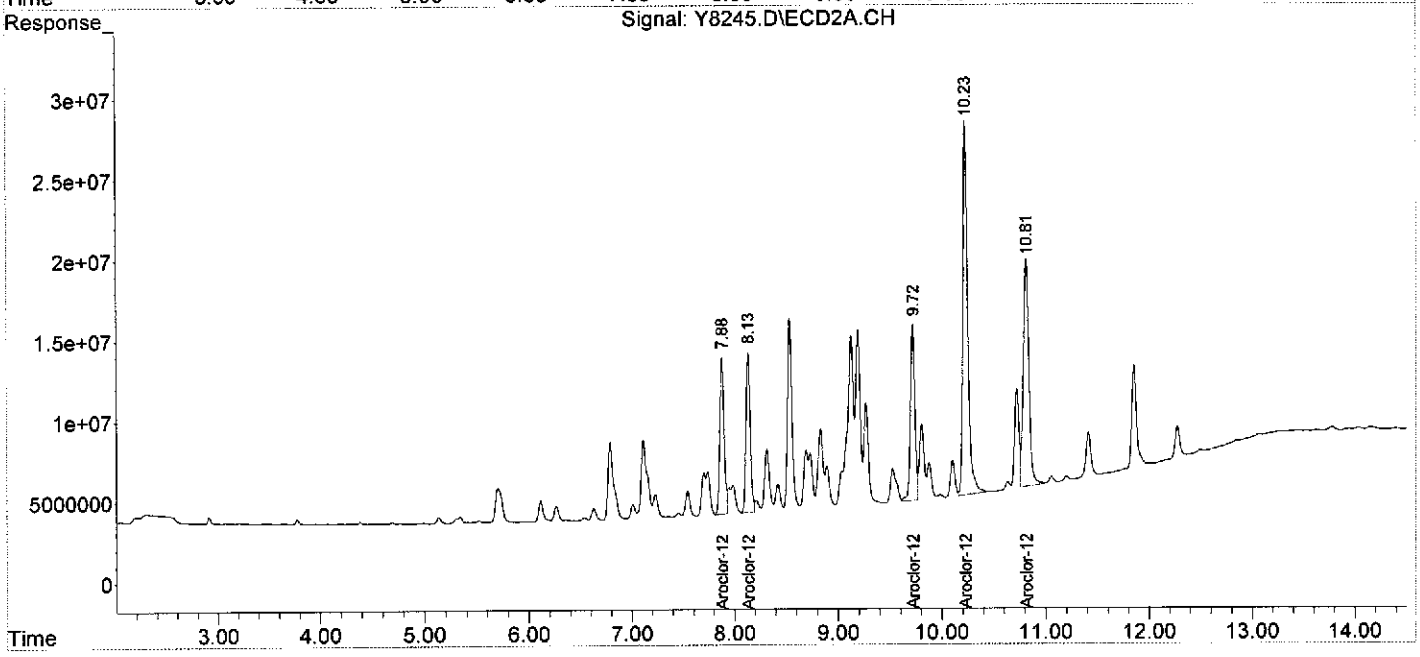
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8245.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:04
Operator : YG
Sample : U-37_(2.0-,07431-036,S,5.04g,23.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:16:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8246.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:21
Operator : YG
Sample : U-37_(3.0-,07431-037,S,5.13g,54.8,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:23:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016				0	0	N.D.	N.D.
Average Aroclor-1016						0.000	0.000
Sum Aroclor-1221				0	0	N.D.	N.D.
Average Aroclor-1221						0.000	0.000
Sum Aroclor-1232				0	0	N.D.	N.D.
Average Aroclor-1232						0.000	0.000
Sum Aroclor-1242				0	0	N.D.	N.D.
Average Aroclor-1242						0.000	0.000
Sum Aroclor-1248				0	0	N.D.	N.D.
Average Aroclor-1248						0.000	0.000
Sum Aroclor-1254				0	0	N.D.	N.D.
Average Aroclor-1254						0.000	0.000
Sum Aroclor-1260				0	0	N.D.	N.D.
Average Aroclor-1260						0.000	0.000
38) L9 Aroclor-1262		8.63	9.72	607.7E6	233.0E6	78.767m	101.930m#
39) L9 Aroclor-1262	{2}	9.47	10.22	1004.1E6	570.6E6	69.645m	113.733m#
40) L9 Aroclor-1262	{3}	10.10	10.72	457.9E6	275.8E6	147.195m	166.708
41) L9 Aroclor-1262	{4}	10.20	10.80	678.4E6	318.7E6	111.649m	93.305
42) L9 Aroclor-1262	{5}	11.01	11.36	239.1E6	221.2E6	53.029m	393.299m#
Sum Aroclor-1262				2987.1E6	1619.3E6	460.286	868.975
Average Aroclor-1262						92.057	173.795
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000

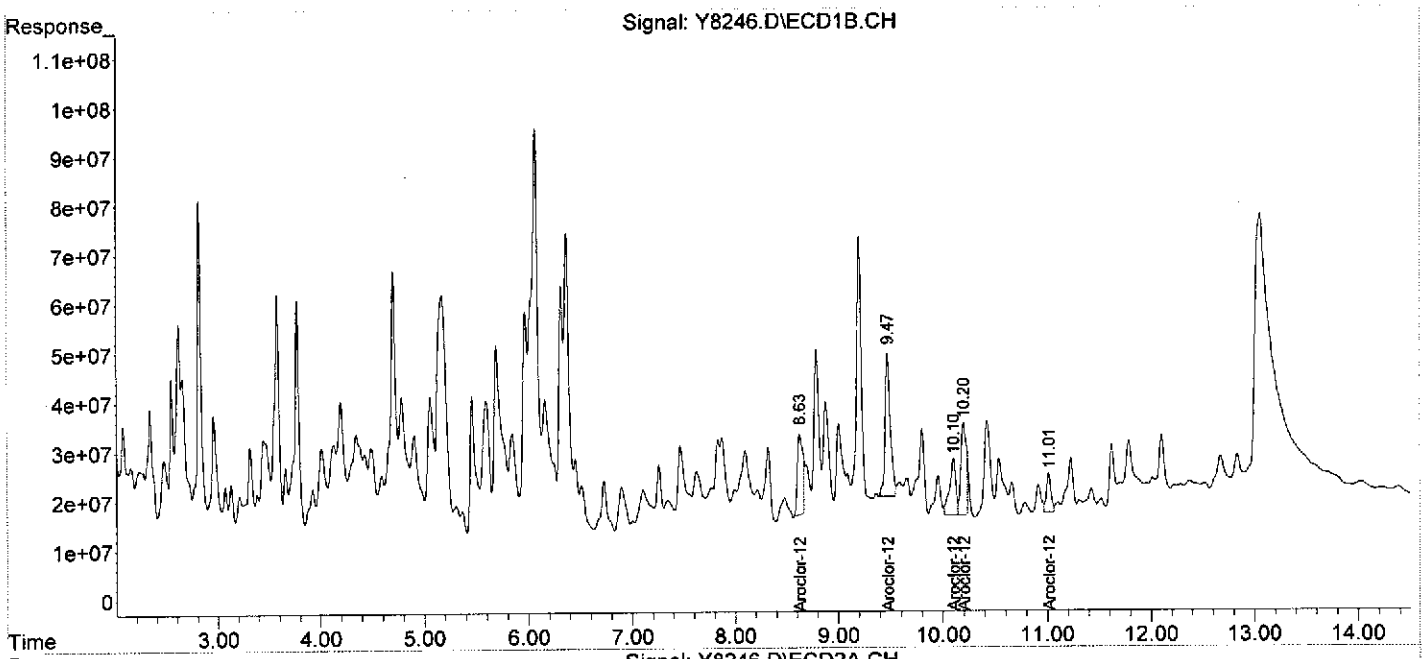
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

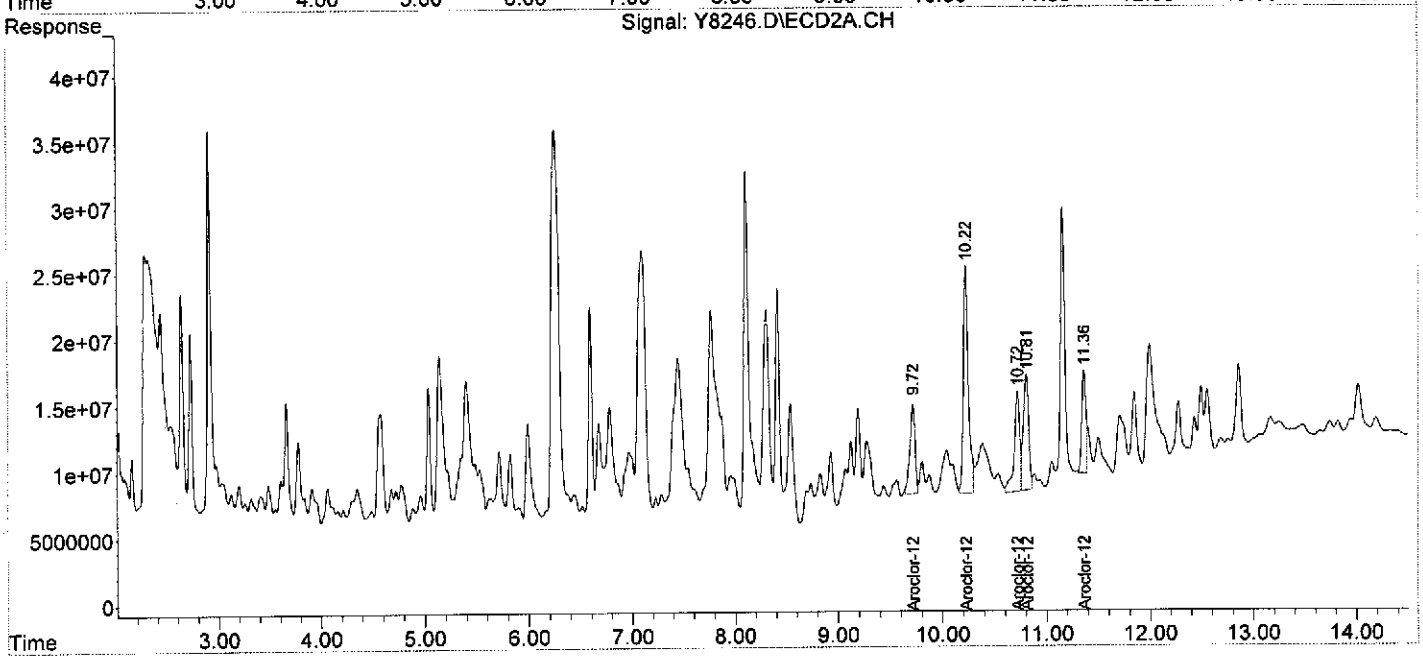
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8246.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:21
Operator : YG
Sample : U-37_(3.0-,07431-037,S,5.13g,54.8,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:23:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8227.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:48
Operator : YG
Sample : U-37_(4.0-,07431-038,S,5.17g,76.9,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:03:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	24807.2E6	10605.6E6	260.934	303.429
Spiked Amount 200.000			Recovery	=	130.47%	151.71%
2) S DCB	12.10	12.49	6145.1E6	2684.0E6	298.187m	312.331m
Spiked Amount 200.000			Recovery	=	149.09%	156.17%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.62	9.72	892.0E6	496.6E6	115.615m	217.207m#
39) L9 Aroclor-1262 {2}	9.47	10.22	2494.7E6	1155.6E6	173.039m	230.336m#
40) L9 Aroclor-1262 {3}	10.10	10.72	833.9E6	342.1E6	268.092m	206.776m
41) L9 Aroclor-1262 {4}	10.19	10.81	1036.7E6	751.5E6	170.630m	220.025m#
42) L9 Aroclor-1262 {5}	11.01	11.41	727.1E6	221.2E6	161.263m	393.246m#
Sum Aroclor-1262			5984.5E6	2966.9E6	888.640	1267.591
Average Aroclor-1262					177.728	253.518
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

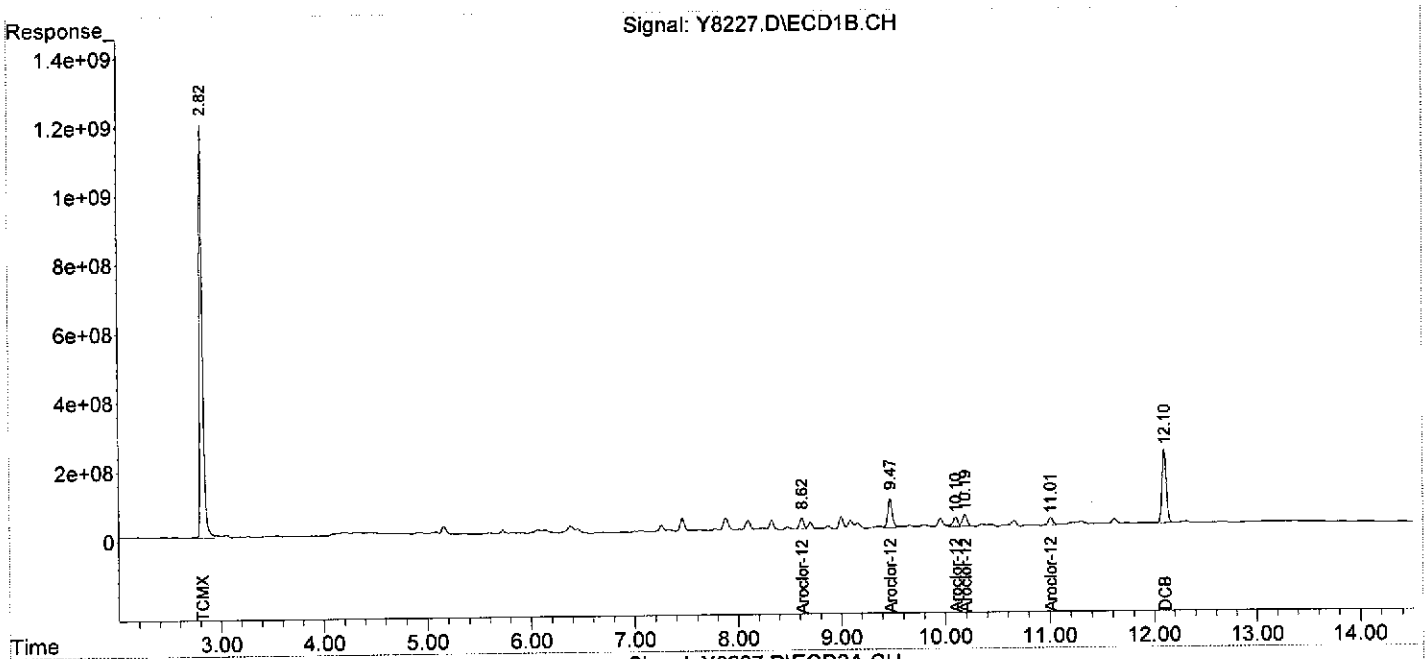
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

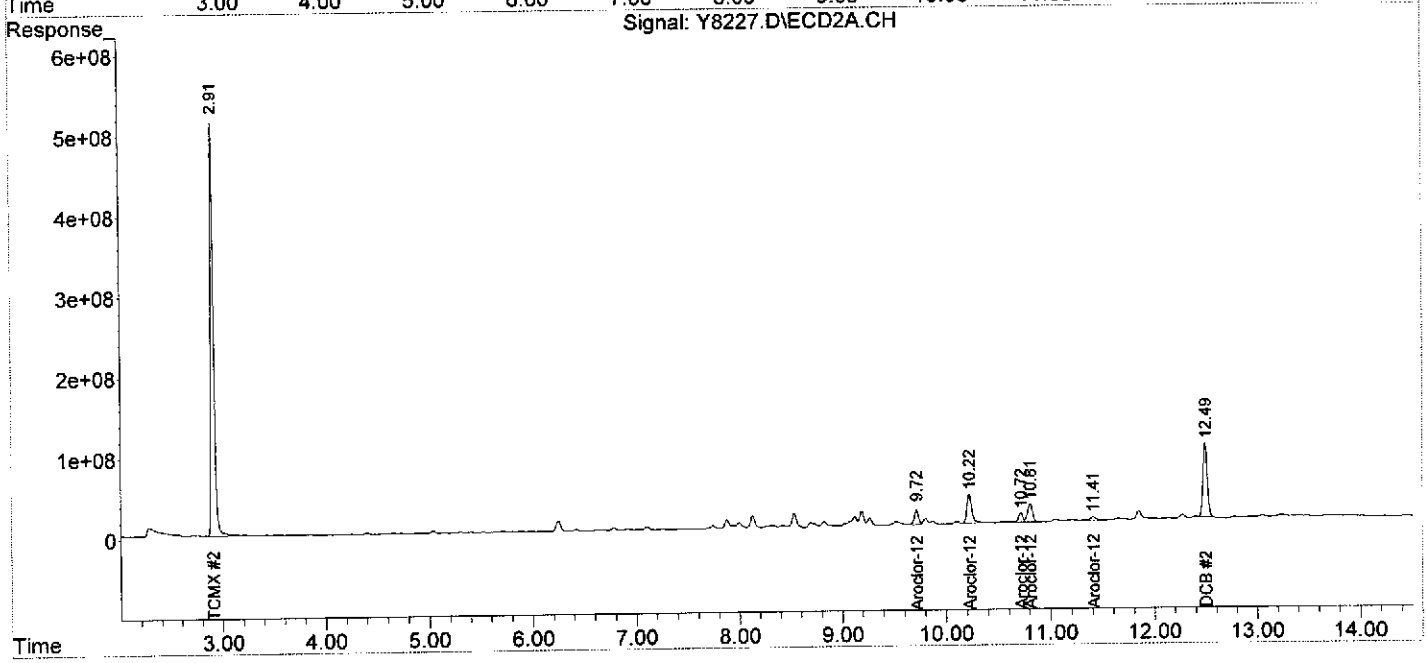
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8227.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 7:48
Operator : YG
Sample : U-37_(4.0-,07431-038,S,5.17g,76.9,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:03:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8228.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:06
Operator : YG
Sample : U-37_(5.25,07431-039,S,5.00g,20.4,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:03:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	15669.8E6	6243.9E6	164.823	178.640
Spiked Amount 200.000			Recovery	=	82.41%	89.32%
2) S DCB	12.10	12.49	4118.0E6	1791.9E6	199.824m	208.516m
Spiked Amount 200.000			Recovery	=	99.91%	104.26%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	8.62	9.72	6776.2E6	3379.7E6	878.324	1478.376 #
39) L9 Aroclor-1262 {2}	9.47	10.22	18537.4E6	9115.9E6	1285.783	1817.054 #
40) L9 Aroclor-1262 {3}	10.10	10.72	6189.2E6	2789.0E6	1989.772	1685.538
41) L9 Aroclor-1262 {4}	10.19	10.81	7824.9E6	6548.7E6	1287.869	1917.379 #
42) L9 Aroclor-1262 {5}	11.01	11.41	5349.4E6	1346.5E6	1186.393	2394.087 #
Sum Aroclor-1262			44677.1E6	23179.9E6	6628.141	9292.433
Average Aroclor-1262					1325.628	1858.487
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

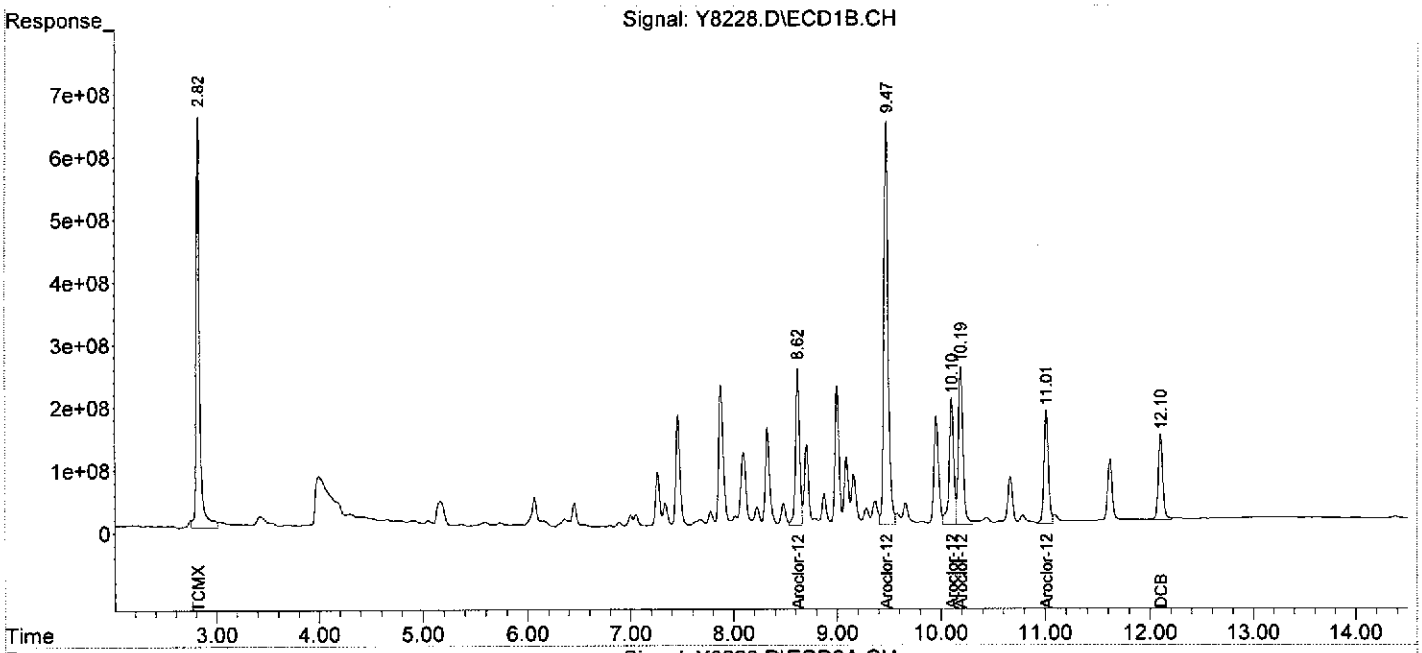
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

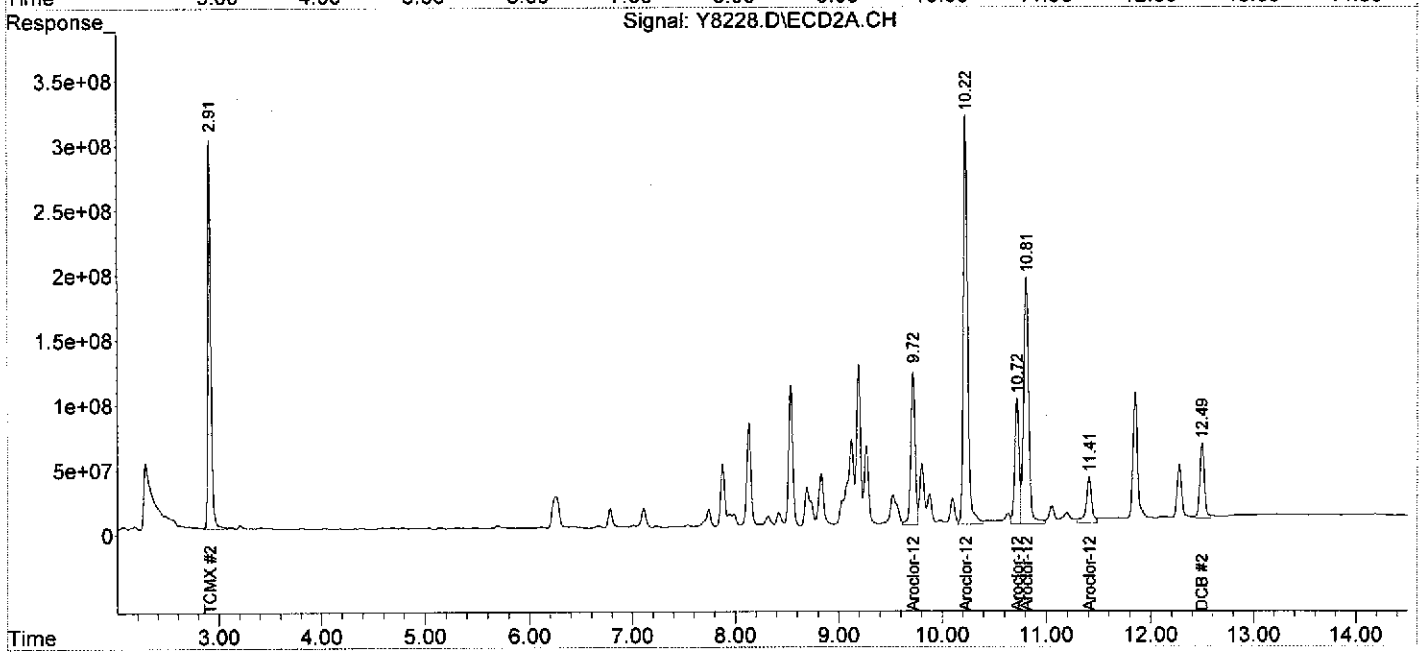
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8228.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:06
Operator : YG
Sample : U-37_(5.25,07431-039,S,5.00g,20.4,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:03:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8229.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:23
Operator : YG
Sample : U-38_(0-1.,07431-040,S,5.14g,12.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,100
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:06:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	926.0E6	326.7E6	210.028	204.975
24) L6 Aroclor-1248 {2}	5.05	5.72	555.1E6	535.9E6	229.043	228.744
25) L6 Aroclor-1248 {3}	5.37	6.11	737.4E6	378.9E6	240.325	223.716
26) L6 Aroclor-1248 {4}	6.06	6.27	1466.2E6	290.1E6	263.081	199.601
27) L6 Aroclor-1248 {5}	6.33	6.62	913.0E6	164.0E6	219.174	195.307
Sum Aroclor-1248			4597.8E6	1695.7E6	1161.652	1052.342
Average Aroclor-1248					232.330	210.468
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.87	567.2E6	290.4E6	78.091m	269.996 #
34) L8 Aroclor-1260 {2}	9.00	8.13	200.9E6	172.7E6	63.381m	108.999 #
35) L8 Aroclor-1260 {3}	9.48	9.72	501.1E6	105.3E6	60.721m	79.485 #
36) L8 Aroclor-1260 {4}	9.96	10.23	189.8E6	183.3E6	45.916	63.509m#
37) L8 Aroclor-1260 {5}	11.02	10.81	158.3E6	130.8E6	94.031m	64.369m#
Sum Aroclor-1260			1617.2E6	882.5E6	342.140	586.359
Average Aroclor-1260					68.428	117.272
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

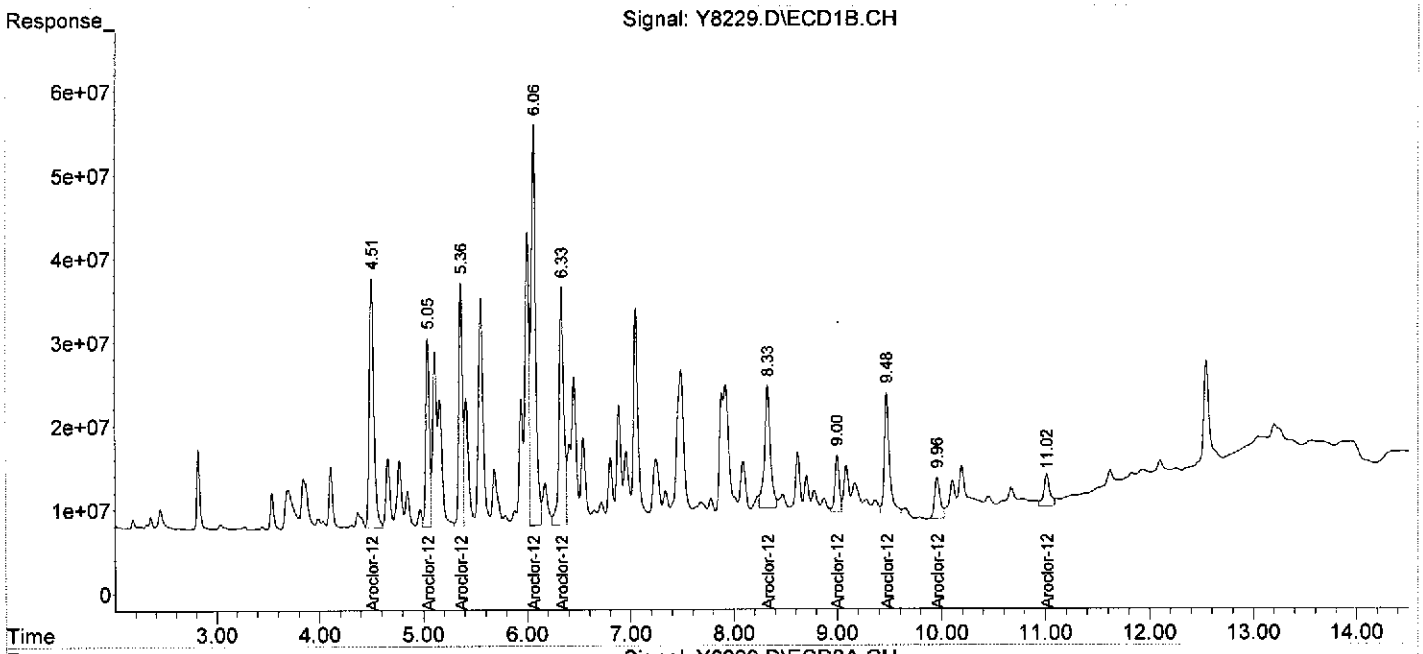
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

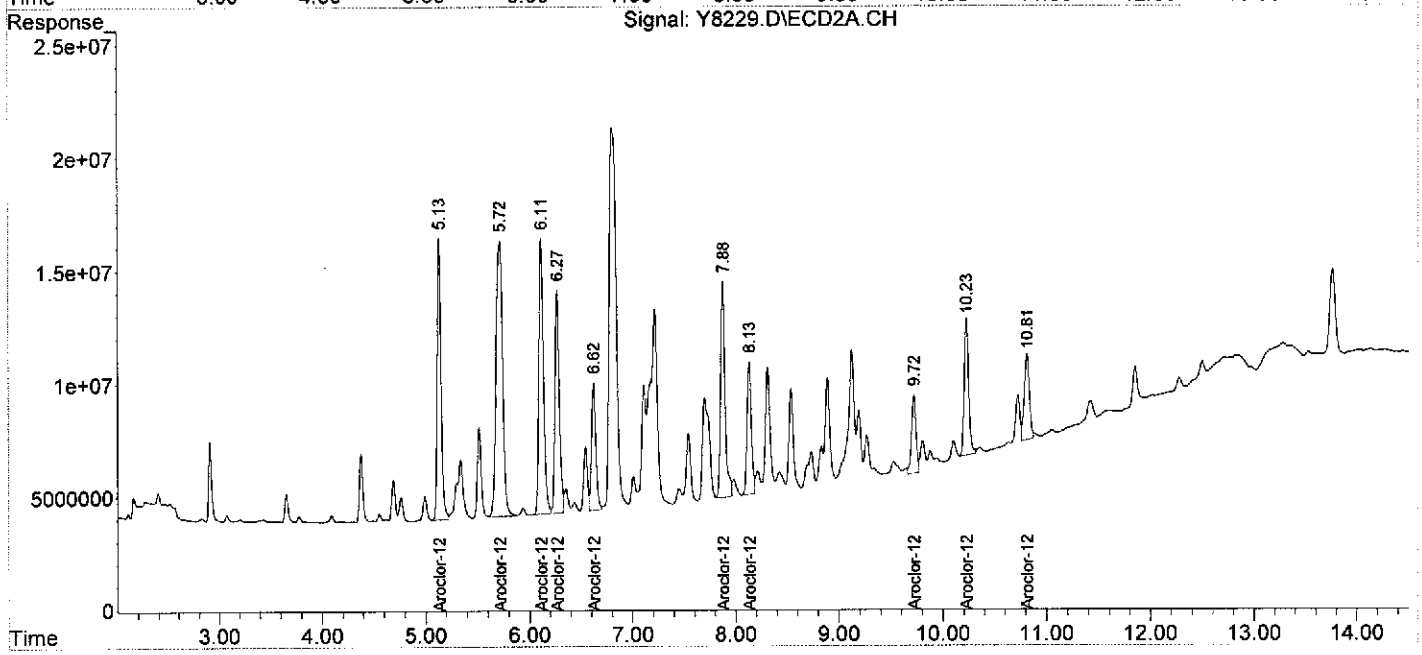
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8229.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:23
Operator : YG
Sample : U-38_(0-1.,07431-040,S,5.14g,12.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,100
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:06:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8230.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:40
Operator : YG
Sample : U-38_(2.0-,07431-041,S,5.14g,28.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:06:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	3248.6E6	732.1E6	447.254	680.750 #
34) L8 Aroclor-1260 {2}	9.00	8.13	2247.6E6	1167.0E6	709.259	736.463
35) L8 Aroclor-1260 {3}	9.48	9.72	7627.6E6	1318.9E6	924.248	995.540
36) L8 Aroclor-1260 {4}	9.96	10.23	2986.3E6	3427.6E6	722.595	1187.699 #
37) L8 Aroclor-1260 {5}	11.01	10.81	2256.0E6	2385.6E6	1340.460	1173.696
Sum Aroclor-1260			18366.2E6	9031.1E6	4143.816	4774.148
Average Aroclor-1260					828.763	954.830
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

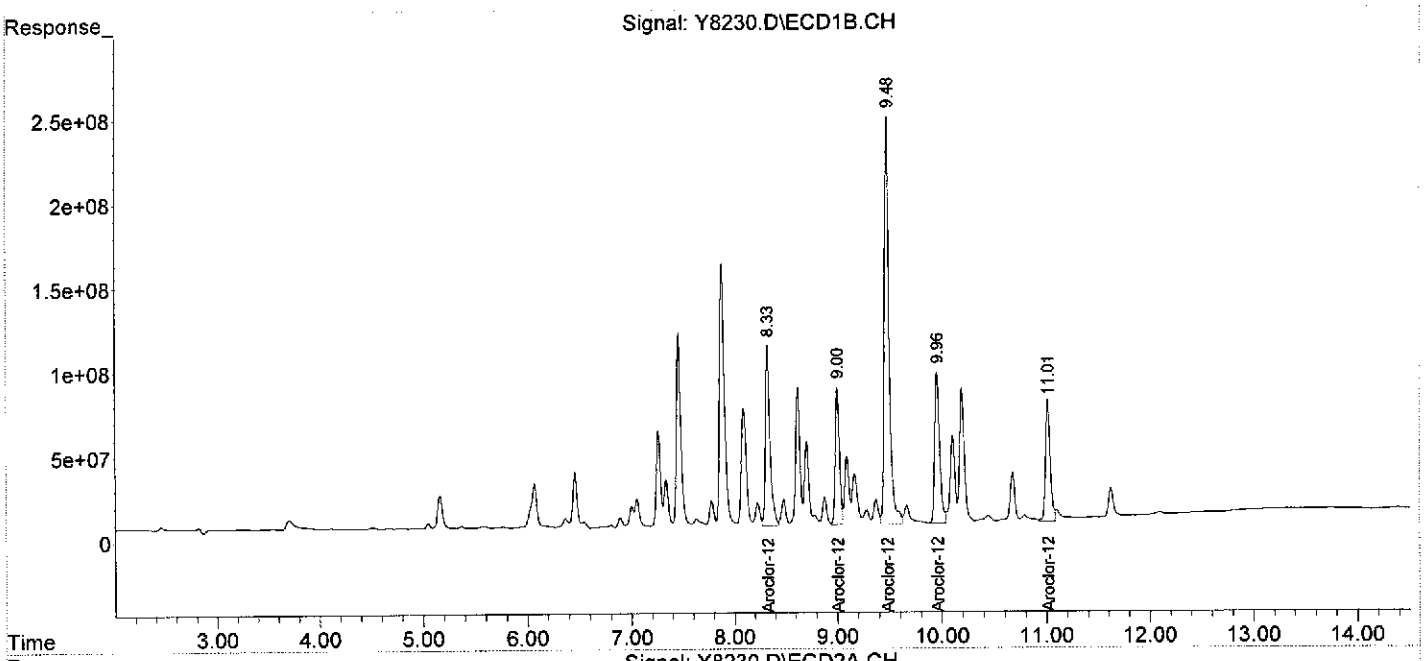
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

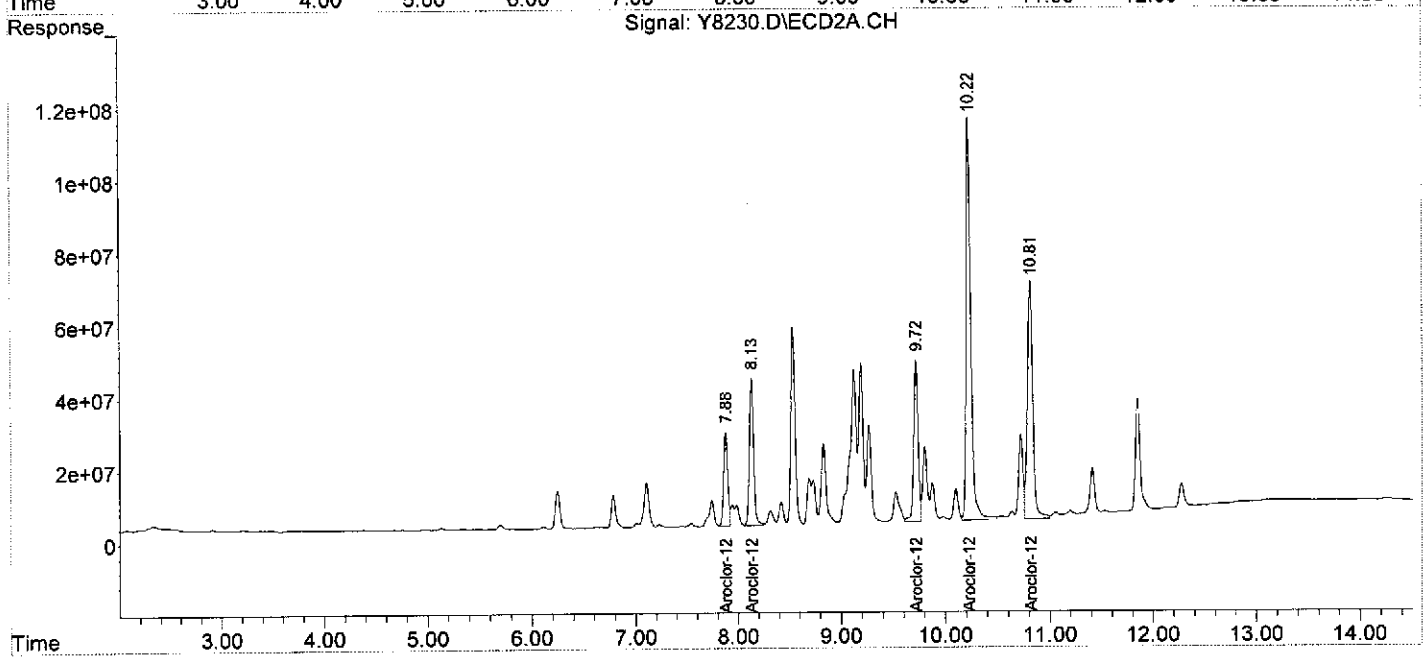
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8230.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:40
Operator : YG
Sample : U-38_(2.0-,07431-041,S,5.14g,28.1,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:06:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8231.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:57
Operator : YG
Sample : U-38_(4.0-,07431-042,S,5.04g,34.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:08:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	1021.8E6	317.8E6	140.680	295.489 #
34) L8 Aroclor-1260 {2}	9.00	8.13	714.4E6	510.4E6	225.438	322.092 #
35) L8 Aroclor-1260 {3}	9.48	9.72	2323.9E6	391.0E6	281.589	295.171
36) L8 Aroclor-1260 {4}	9.96	10.23	909.1E6	791.6E6	219.978	274.303
37) L8 Aroclor-1260 {5}	11.01	10.81	575.8E6	605.9E6	342.118	298.125
Sum Aroclor-1260			5545.0E6	2616.8E6	1209.803	1485.179
Average Aroclor-1260					241.961	297.036
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

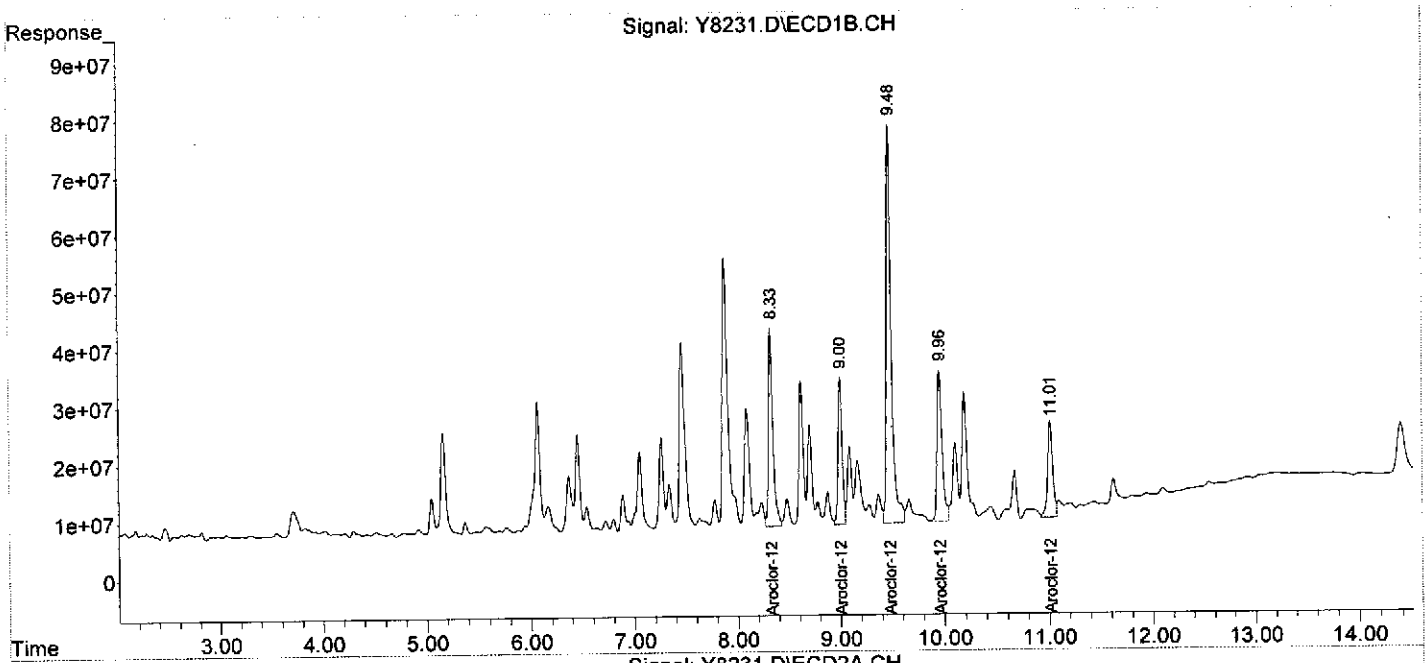
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

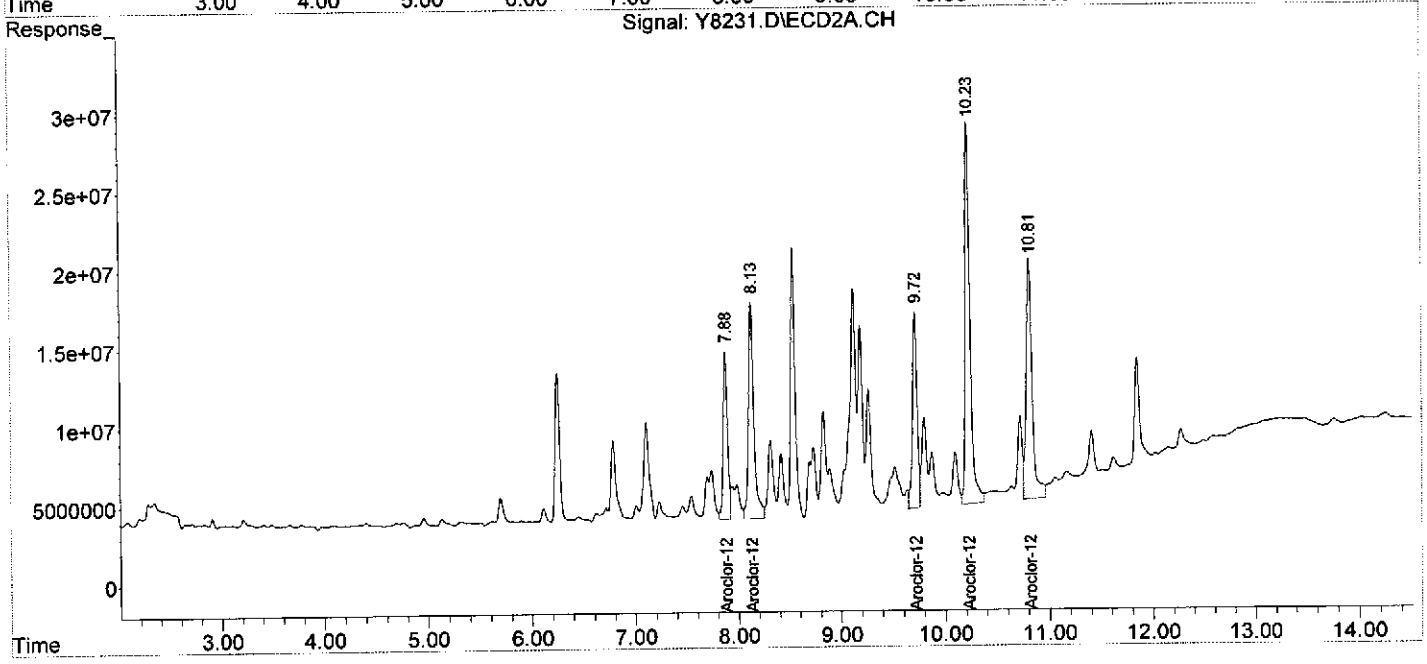
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8231.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 8:57
Operator : YG
Sample : U-38_(4.0-,07431-042,S,5.04g,34.5,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1000
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:08:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8232.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:14
Operator : YG
Sample : U-38_(4.5-,07431-043,S,5.49g,67.2,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:09:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	22017.2E6	8432.3E6	231.588	241.251
Spiked Amount 200.000			Recovery	=	115.79%	120.63%
2) S DCB	12.10	12.49	4793.7E6	2119.0E6	232.613m	246.580m
Spiked Amount 200.000			Recovery	=	116.31%	123.29%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	261.7E6	52646863	36.034m	48.955 #
34) L8 Aroclor-1260 {2}	9.00	8.13	149.3E6	78511733	47.106	49.546
35) L8 Aroclor-1260 {3}	9.48	9.72	303.4E6	58964619	36.766m	44.508
36) L8 Aroclor-1260 {4}	9.96	10.22	115.8E6	151.5E6	28.026m	52.508m#
37) L8 Aroclor-1260 {5}	11.02	10.81	114.9E6	92035566	68.247m	45.281m#
Sum Aroclor-1260			945.1E6	433.7E6	216.179	240.799
Average Aroclor-1260					43.236	48.160
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

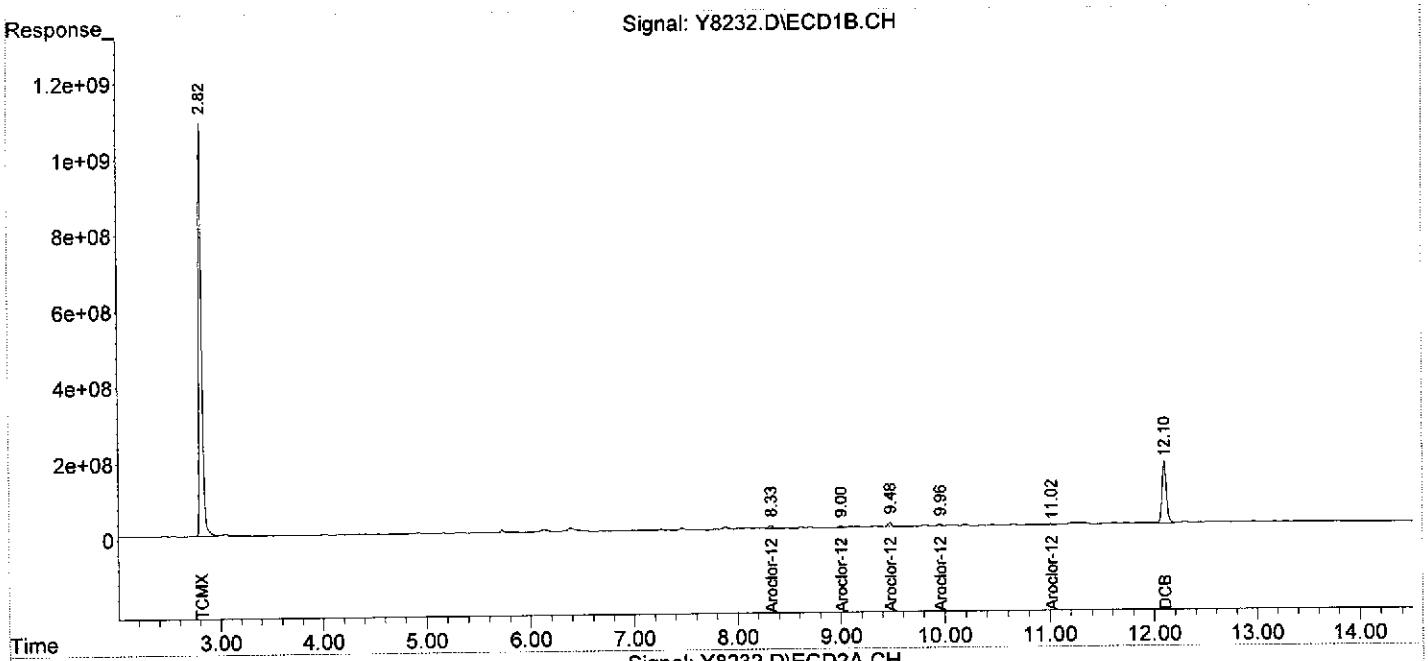
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

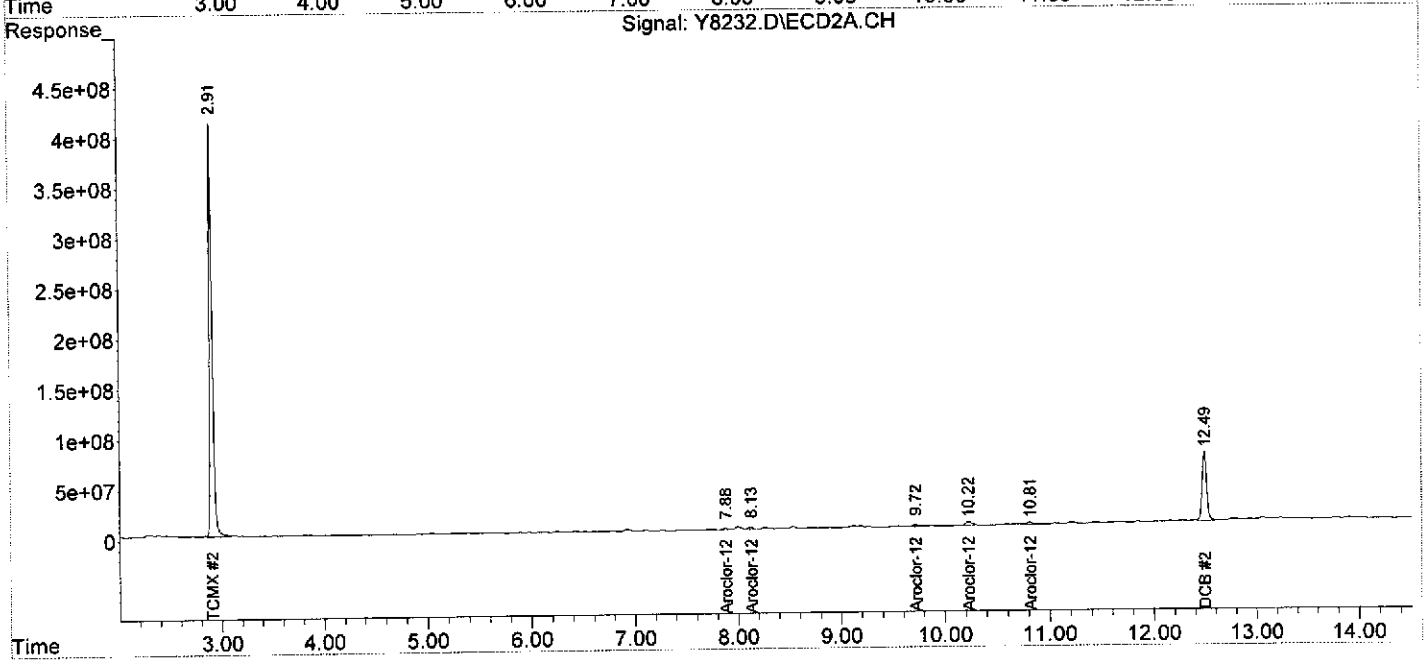
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8232.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:14
Operator : YG
Sample : U-38_(4.5-,07431-043,S,5.49g,67.2,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:09:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8247.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:38
Operator : YG
Sample : U-38_(5.25,07431-044,S,5.40g,27.3,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,100
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:24:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	1271.3E6	246.5E6	175.023	229.211 #
34) L8 Aroclor-1260 {2}	9.00	8.13	945.7E6	413.1E6	298.409	260.666
35) L8 Aroclor-1260 {3}	9.48	9.72	3095.1E6	431.3E6	375.040	325.546
36) L8 Aroclor-1260 {4}	9.96	10.23	1271.3E6	1238.4E6	307.602	429.131 #
37) L8 Aroclor-1260 {5}	11.02	10.81	754.2E6	848.6E6	448.100	417.517
Sum Aroclor-1260			7337.5E6	3177.9E6	1604.174	1662.071
Average Aroclor-1260					320.835	332.414
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

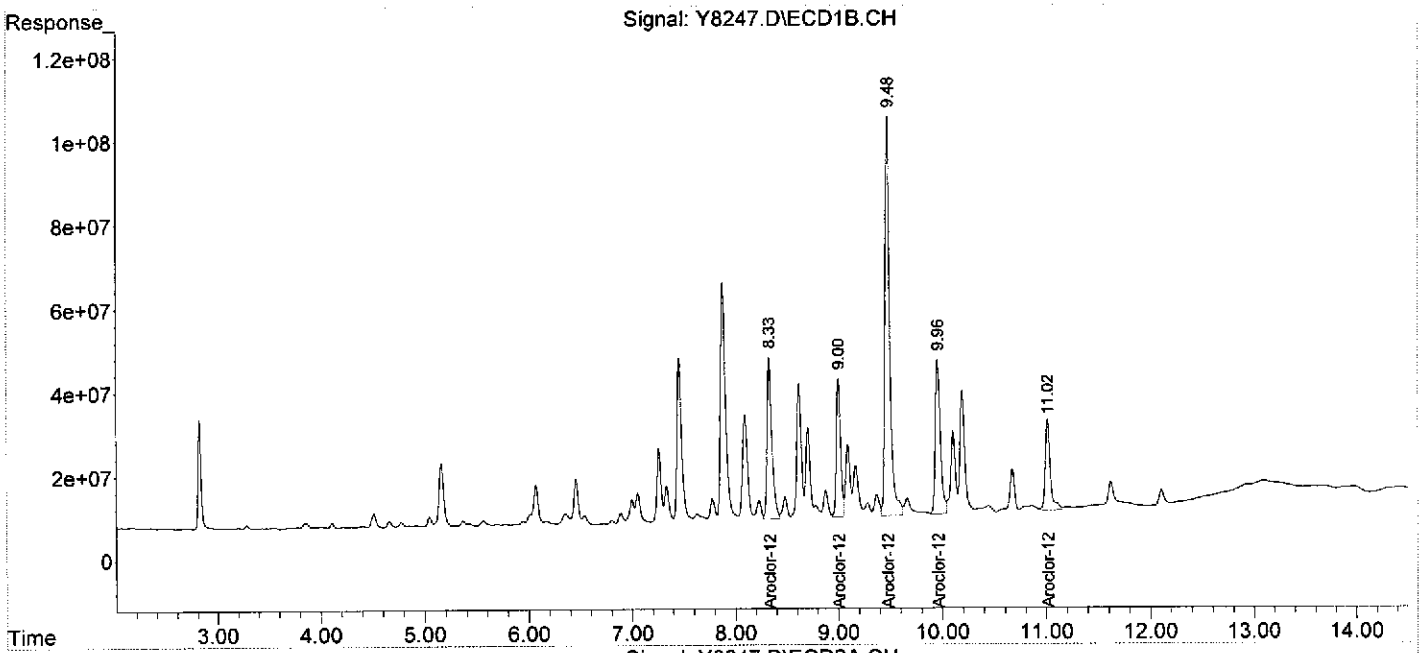
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

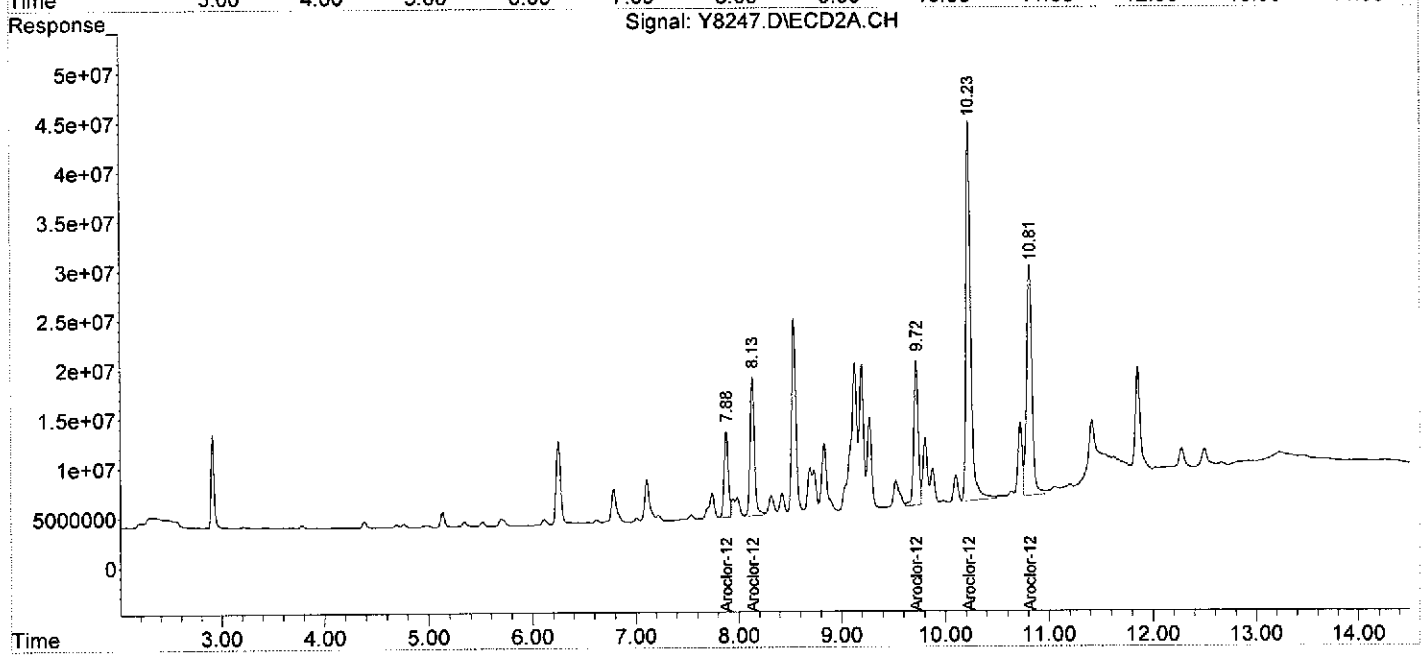
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : Y8247.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 19:38
Operator : YG
Sample : U-38_(5.25,07431-044,S,5.40g,27.3,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,100
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:24:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8234.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:49
Operator : YG
Sample : T-38_(0-2.,07431-045,S,5.27g,7.90,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,100
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:10:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	349.2E6	124.7E6	79.197	78.256
24) L6 Aroclor-1248 {2}	5.05	5.71	263.3E6	236.4E6	108.617	100.920
25) L6 Aroclor-1248 {3}	5.37	6.11	343.0E6	169.7E6	111.779	100.178
26) L6 Aroclor-1248 {4}	6.06	6.27	734.4E6	126.9E6	131.773	87.286 #
27) L6 Aroclor-1248 {5}	6.33	6.62	450.8E6	68557480	108.216	81.652
Sum Aroclor-1248			2140.6E6	726.3E6	539.582	448.292
Average Aroclor-1248					107.916	89.658
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.88	638.0E6	234.3E6	87.839m	217.846 #
34) L8 Aroclor-1260 {2}	9.00	8.13	364.0E6	185.2E6	114.870m	116.901
35) L8 Aroclor-1260 {3}	9.47	9.72	793.7E6	153.1E6	96.179m	115.578m
36) L8 Aroclor-1260 {4}	9.96	10.22	339.5E6	342.1E6	82.159m	118.535m#
37) L8 Aroclor-1260 {5}	11.02	10.81	203.4E6	275.7E6	120.826m	135.625m
Sum Aroclor-1260			2338.7E6	1190.4E6	501.872	704.485
Average Aroclor-1260					100.374	140.897
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

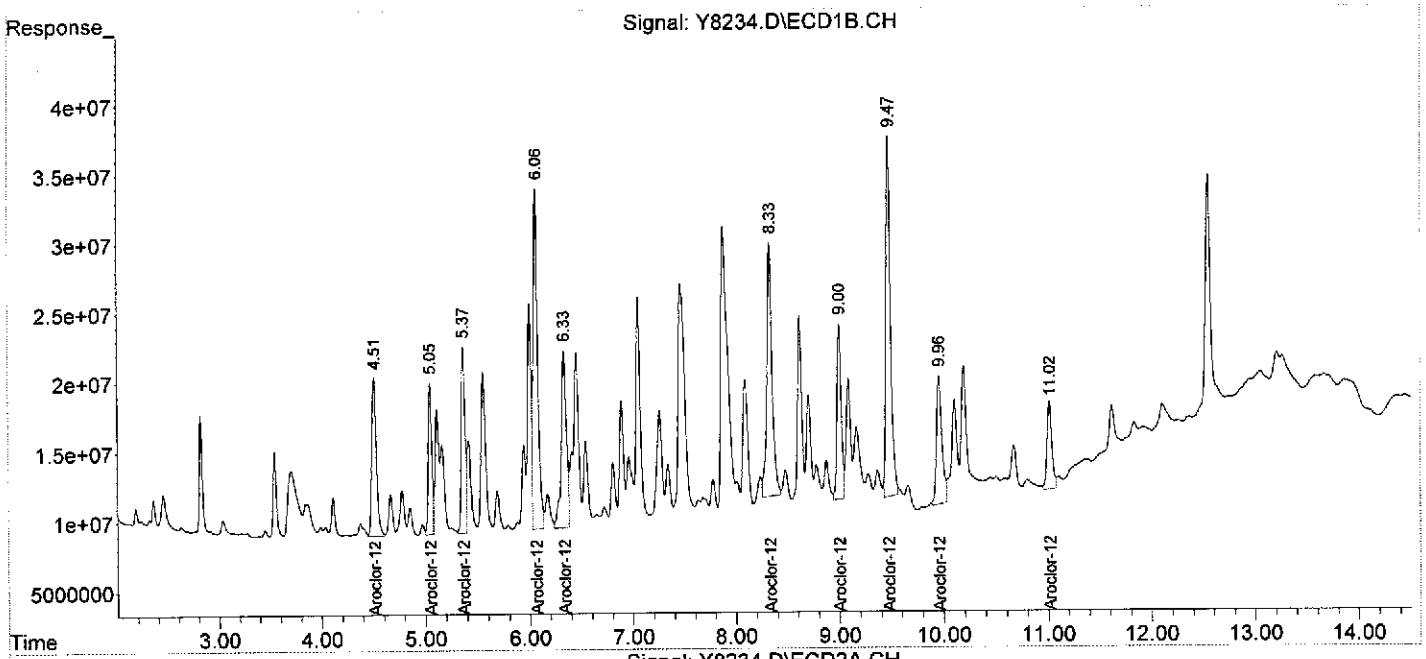
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

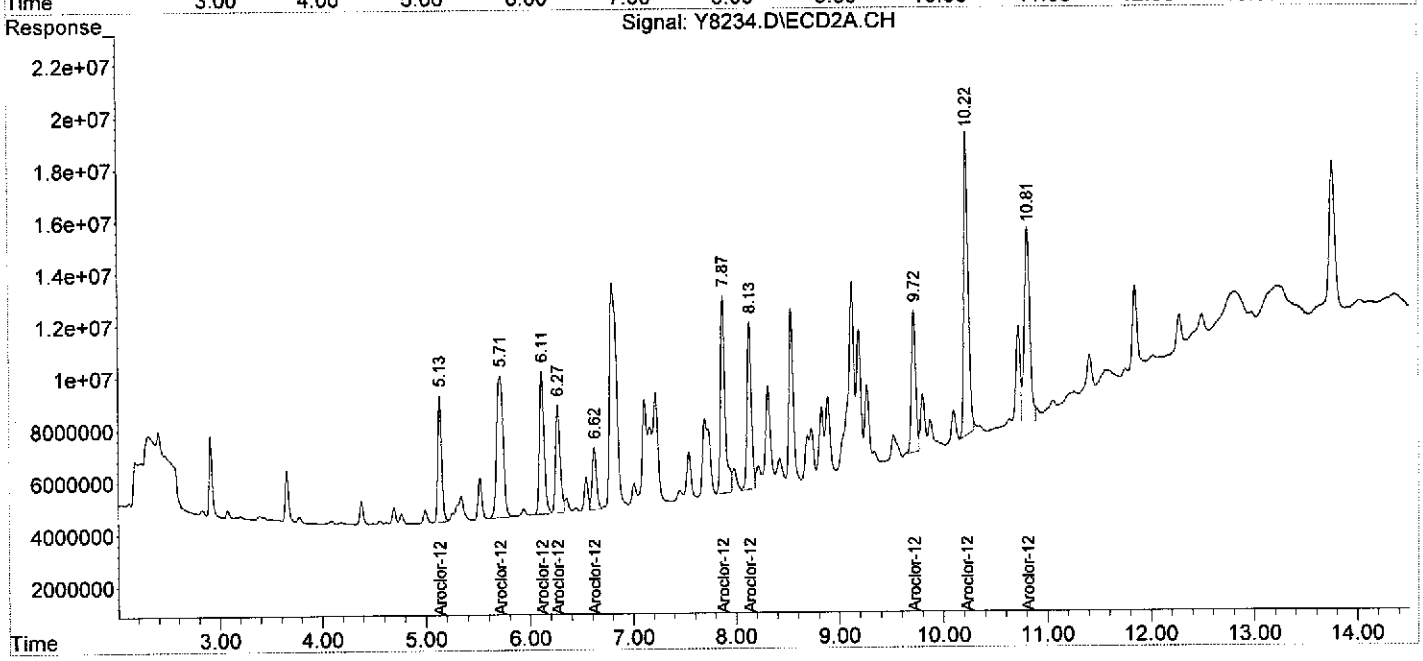
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8234.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 9:49
Operator : YG
Sample : T-38_(0-2.,07431-045,S,5.27g,7.90,07/30/12,4
Misc : 120730-11,07/24/12,07/24/12,100
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 14:10:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8112.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:08
Operator : YG
Sample : T-38_(2.0-,07431-046,S,5.12g,29.4,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1000
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:32:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	9713.8E6	2107.6E6	1337.342	1959.840 #
34) L8 Aroclor-1260 {2}	9.01	8.14	6163.9E6	3127.0E6	1945.091	1973.369
35) L8 Aroclor-1260 {3}	9.49	9.73	15973.9E6	2749.6E6	1935.579	2075.473
36) L8 Aroclor-1260 {4}	9.97	10.23	6547.8E6	6188.0E6	1584.368	2144.217 #
37) L8 Aroclor-1260 {5}	11.02	10.82	2621.0E6	3855.0E6	1557.342	1896.663
Sum Aroclor-1260			41020.5E6	18027.3E6	8359.722	10049.562
Average Aroclor-1260					1671.944	2009.912
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

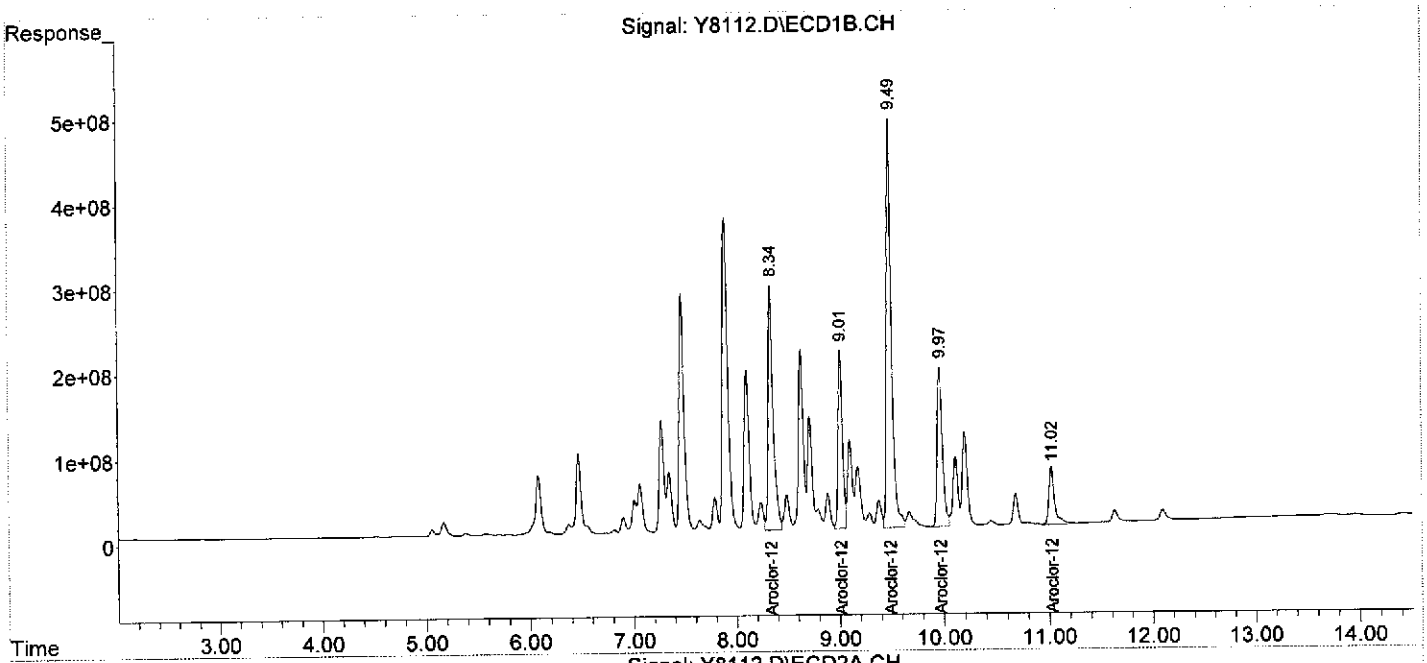
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

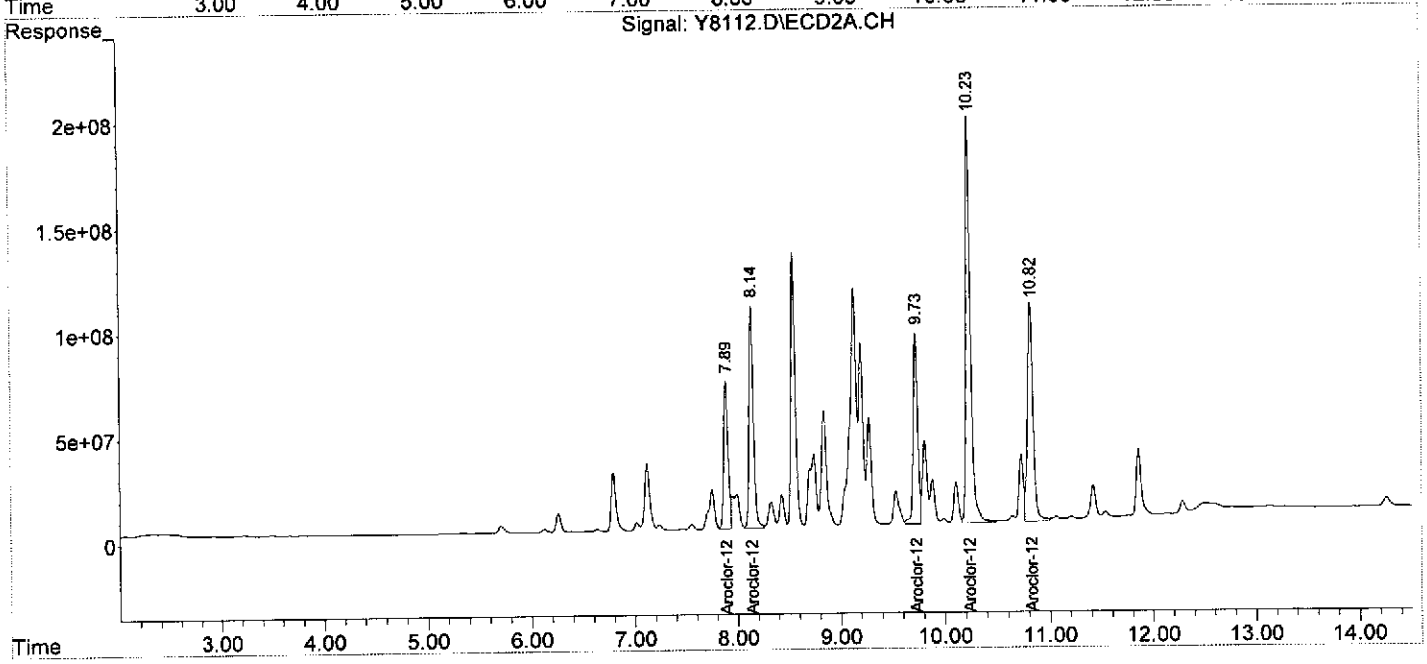
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8112.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:08
Operator : YG
Sample : T-38_(2.0-,07431-046,S,5.12g,29.4,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1000
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:32:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8113.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:25
Operator : YG
Sample : T-38_(4.0-,07431-047,S,5.60g,79.8,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:34:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	15605.3E6	7361.8E6	164.144	210.621 #
Spiked Amount 200.000			Recovery	=	82.07%	105.31%
2) S DCB	12.11	12.50	3045.9E6	1409.7E6	147.802m	164.038m
Spiked Amount 200.000			Recovery	=	73.90%	82.02%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	365.4E6	124.3E6	50.308m	115.585m#
34) L8 Aroclor-1260 {2}	9.01	8.14	158.8E6	84322442	50.115m	53.213m
35) L8 Aroclor-1260 {3}	9.48	9.73	394.5E6	115.1E6	47.806m	86.909 #
36) L8 Aroclor-1260 {4}	9.97	10.23	186.0E6	195.6E6	45.010m	67.768m#
37) L8 Aroclor-1260 {5}	11.03	10.82	127.9E6	139.8E6	76.024m	68.800m
Sum Aroclor-1260			1232.7E6	659.2E6	269.264	392.274
Average Aroclor-1260					53.853	78.455
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

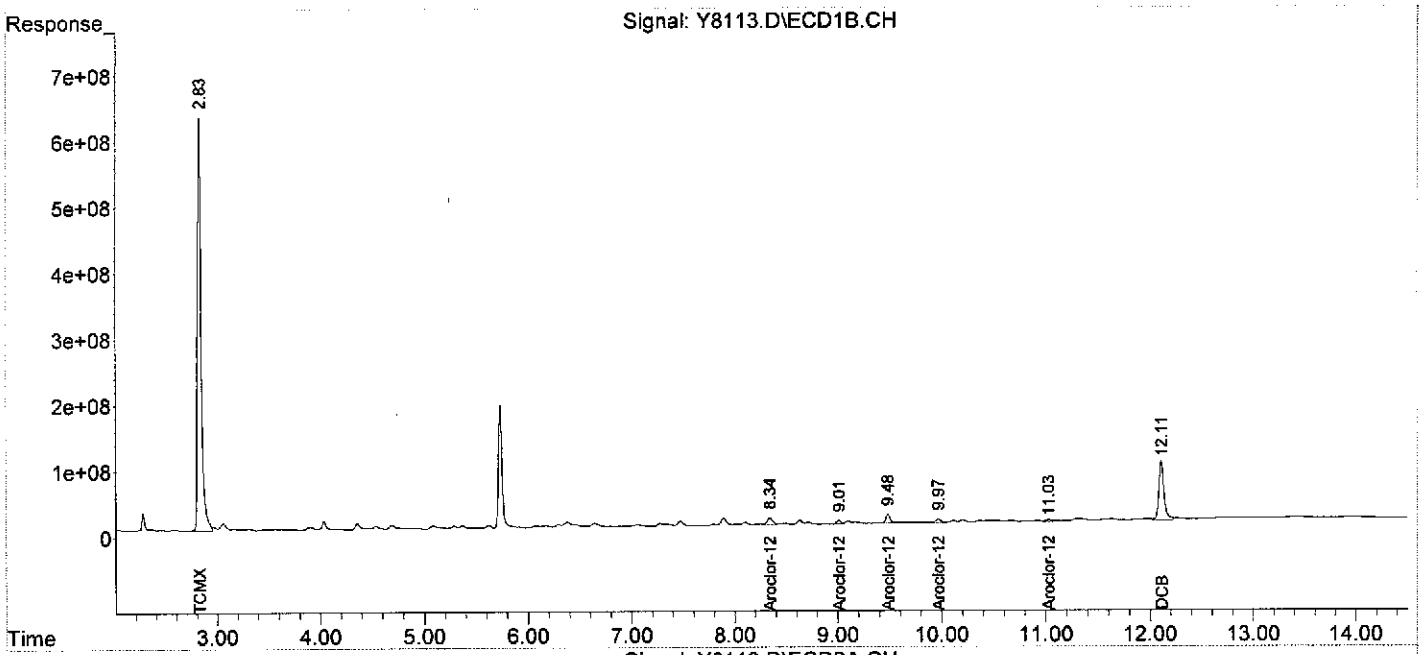
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

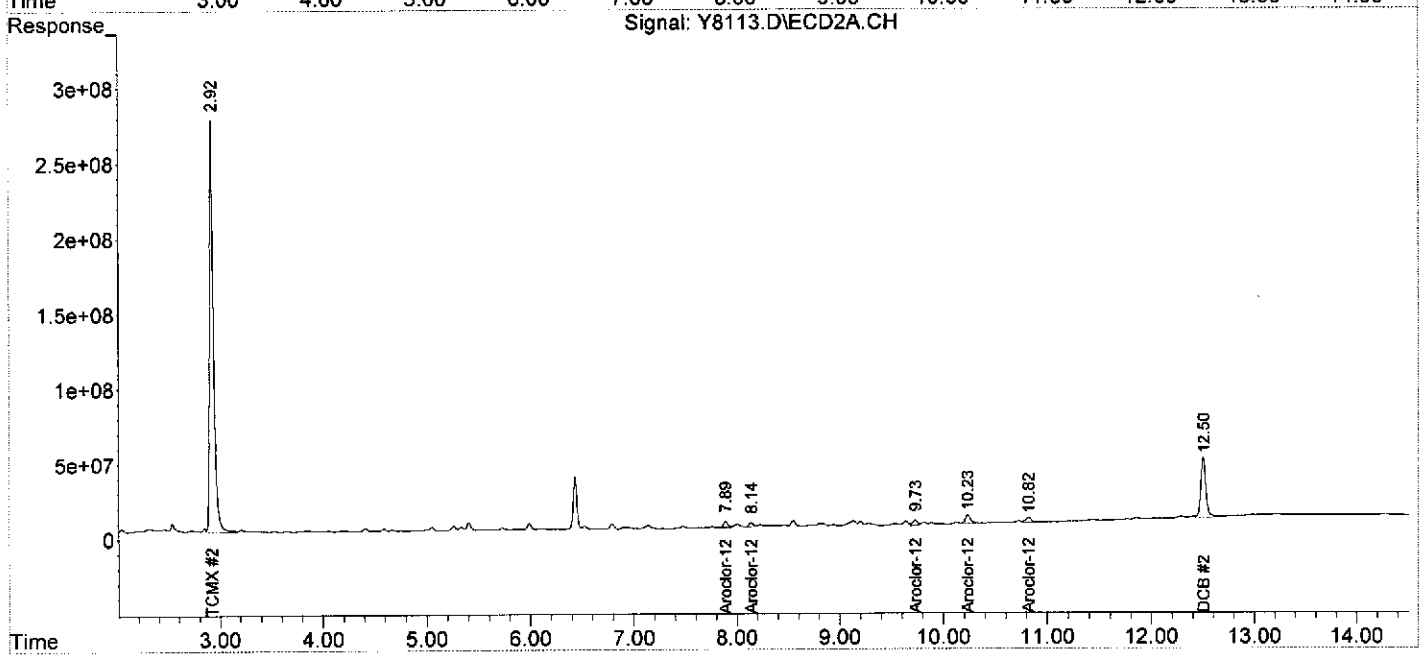
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8113.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:25
Operator : YG
Sample : T-38_(4.0-,07431-047,S,5.60g,79.8,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:34:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8114.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:42
Operator : YG
Sample : T-38_(5.0-,07431-048,S,5.74g,32.8,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:35:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	18742.0E6	6832.6E6	197.138	195.483
Spiked Amount 200.000			Recovery	=	98.57%	97.74%
2) S DCB	12.11	12.50	2200.0E6	1062.2E6	106.756m	123.605m
Spiked Amount 200.000			Recovery	=	53.38%	61.80%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

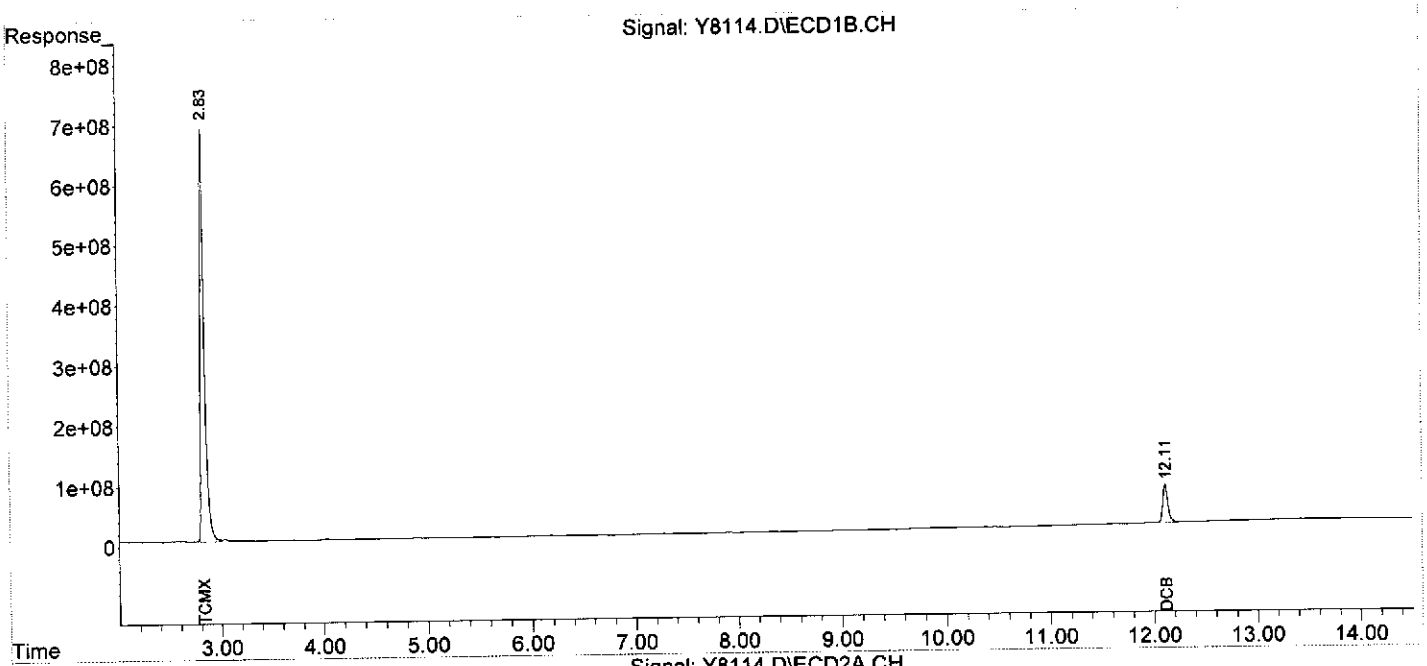
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

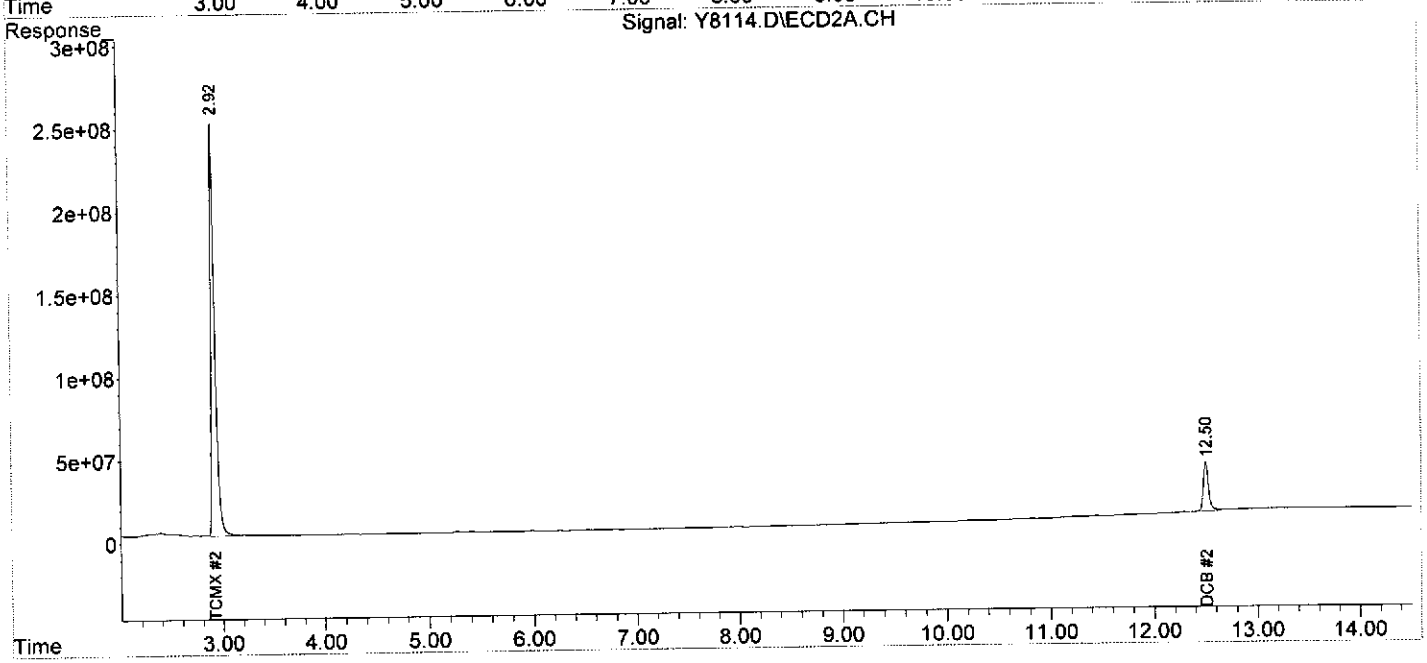
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8114.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:42
Operator : YG
Sample : T-38_(5.0-,07431-048,S,5.74g,32.8,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:35:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8115.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:59
Operator : YG
Sample : T-37_(0-2.,07431-049,S,5.31g,24.7,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:36:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.89	4817.9E6	1610.1E6	663.305	1497.227 #
34) L8 Aroclor-1260 {2}	9.01	8.14	2077.9E6	1218.6E6	655.717	769.018
35) L8 Aroclor-1260 {3}	9.49	9.73	5139.8E6	1025.3E6	622.798	773.926
36) L8 Aroclor-1260 {4}	9.97	10.23	2037.8E6	1366.2E6	493.073	712.092 #
37) L8 Aroclor-1260 {5}	11.02	10.82	1117.5E6	1366.2E6	664.013	672.156
Sum Aroclor-1260			15191.0E6	7275.2E6	3098.906	4424.420
Average Aroclor-1260					619.781	884.884
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

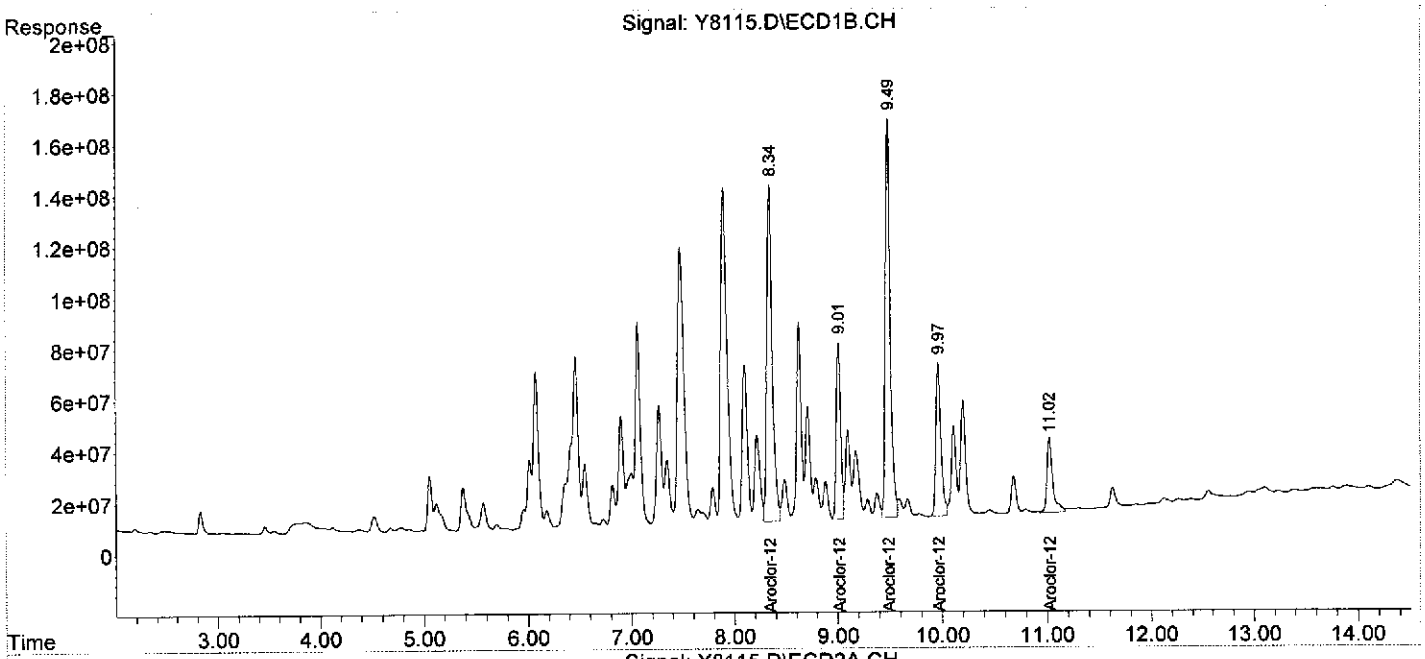
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

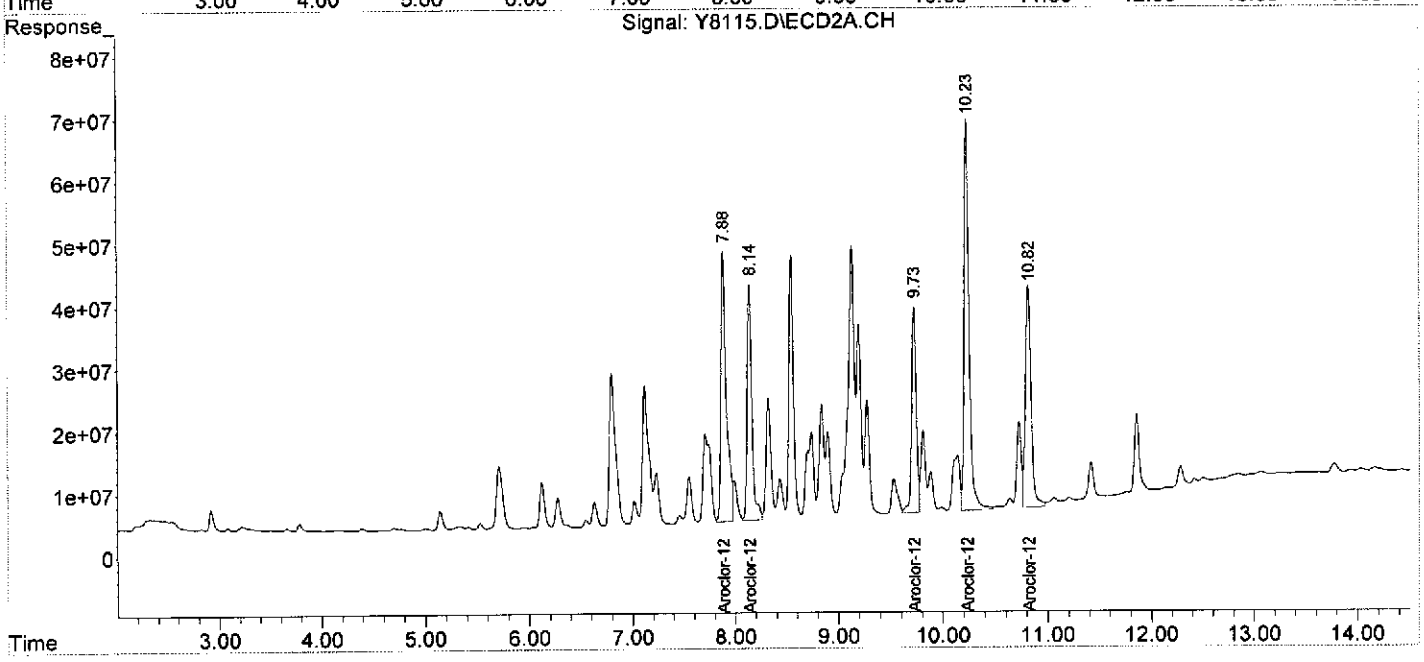
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8115.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 16:59
Operator : YG
Sample : T-37_(0-2.,07431-049,S,5.31g,24.7,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:36:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8116.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 17:17
Operator : YG
Sample : T-37_(2.0-,07431-050,S,5.69g,42.6,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:36:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.47	7.12	1200.5E6	511.7E6	203.796	236.147
29) L7 Aroclor-1254 {2}	6.90	7.71	783.3E6	383.5E6	201.936	224.479
30) L7 Aroclor-1254 {3}	7.07	8.32	1570.8E6	375.3E6	211.919	222.820
31) L7 Aroclor-1254 {4}	7.50	8.55	1552.0E6	214.7E6	201.817	222.722
32) L7 Aroclor-1254 {5}	8.34	9.14	1269.9E6	508.3E6	184.041	212.617
Sum Aroclor-1254			6376.6E6	1993.5E6	1003.510	1118.785
Average Aroclor-1254					200.702	223.757
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

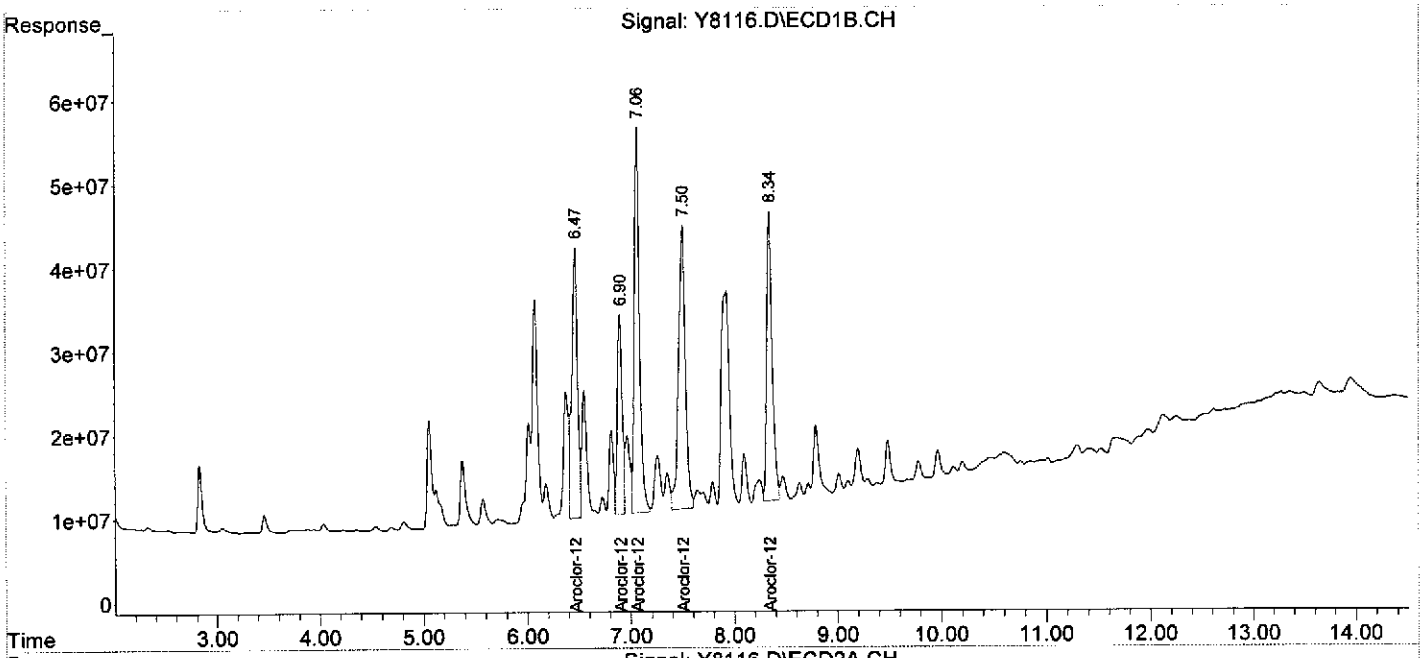
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

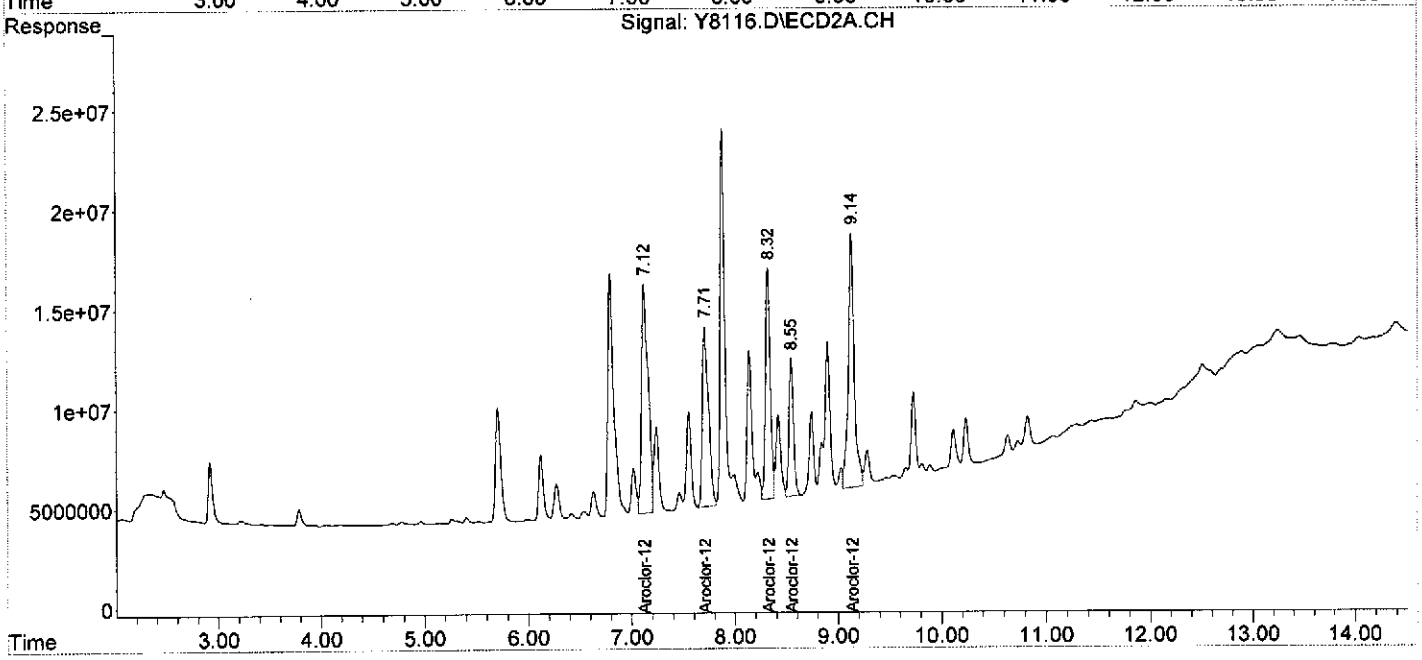
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8116.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 17:17
Operator : YG
Sample : T-37_(2.0-,07431-050,S,5.69g,42.6,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:36:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8117.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 17:34
Operator : YG
Sample : T-37_(4.0-,07431-051,S,5.13g,10.5,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:37:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	19142.0E6	6673.7E6	201.345	190.937
Spiked Amount 200.000			Recovery	=	100.67%	95.47%
2) S DCB	12.11	12.51	2307.4E6	1002.7E6	111.967m	116.680m
Spiked Amount 200.000			Recovery	=	55.98%	58.34%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.47	7.12	91908575	46733371	15.602	21.567 #
29) L7 Aroclor-1254 {2}	6.90	7.71	57549839	22853258	14.836	13.378
30) L7 Aroclor-1254 {3}	7.06	8.32	119.2E6	36553196	16.075	21.705 #
31) L7 Aroclor-1254 {4}	7.50	8.55	155.2E6	27919845	20.185m	28.959 #
32) L7 Aroclor-1254 {5}	8.34	9.14	154.0E6	58430848	22.323	24.439
Sum Aroclor-1254			577.9E6	192.5E6	89.020	110.049
Average Aroclor-1254					17.804	22.010
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

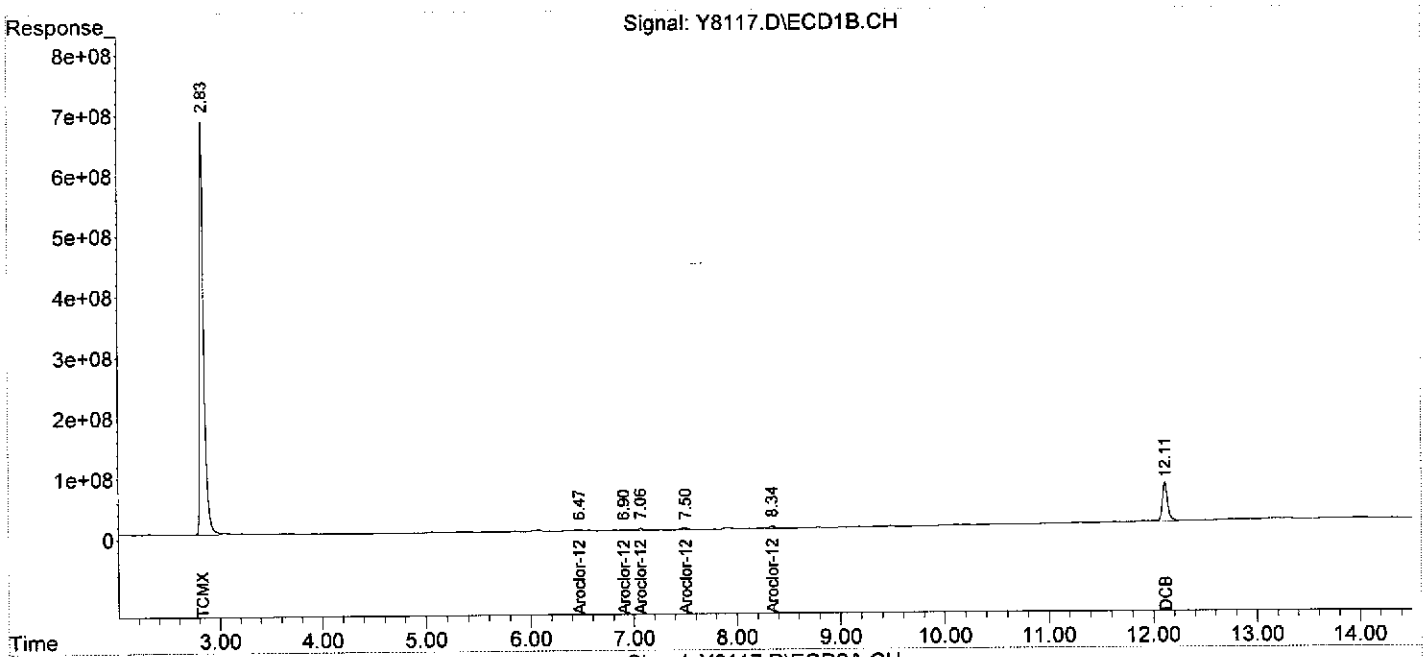
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

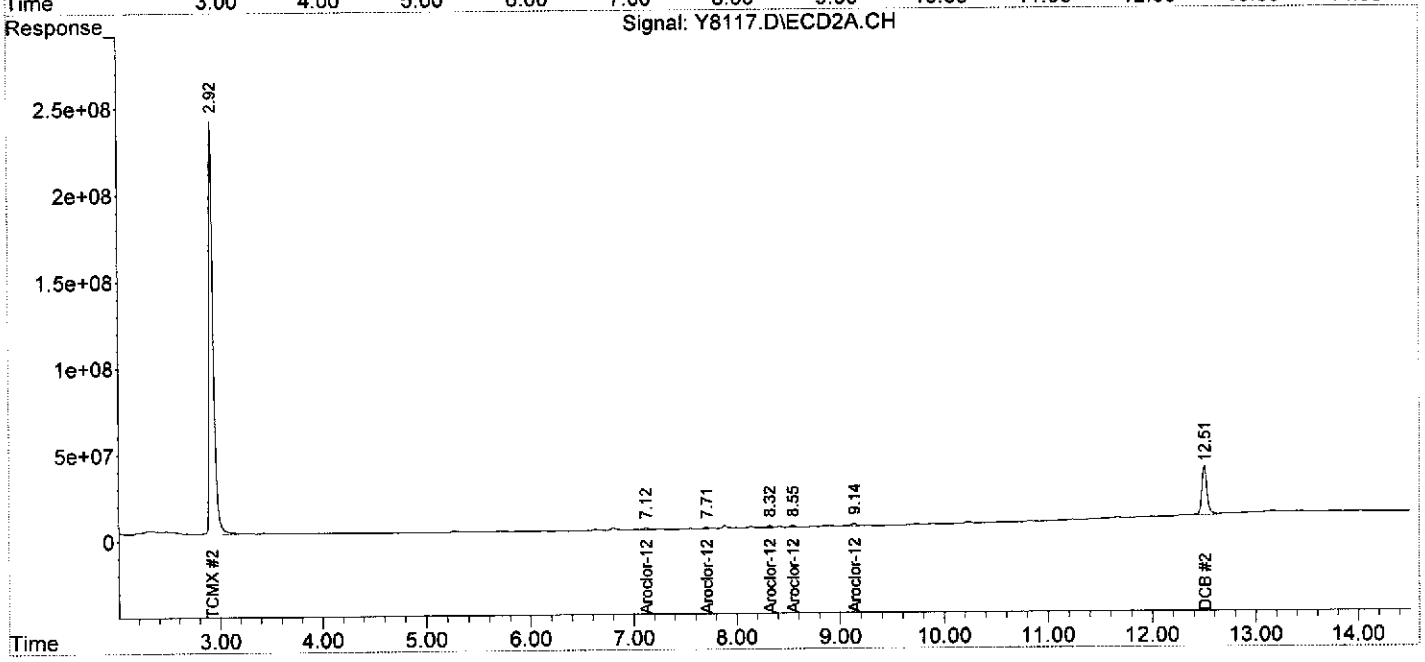
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8117.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 17:34
Operator : YG
Sample : T-37_(4.0-,07431-051,S,5.13g,10.5,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:37:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8118.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 17:51
Operator : YG
Sample : T-37_(6.0-,07431-052,S,5.66g,65.5,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:37:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound		RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds								
1) S TCMX		2.83	2.92	21507.9E6	8288.6E6	226.230	237.138	
Spiked Amount 200.000				Recovery	=	113.11%	118.57%	
2) S DCB		12.11	12.50	2923.7E6	1356.6E6	141.869m	157.861m	
Spiked Amount 200.000				Recovery	=	70.93%	78.93%	
Target Compounds								
Sum Aroclor-1016				0	0	N.D.	N.D.	
Average Aroclor-1016						0.000	0.000	
Sum Aroclor-1221				0	0	N.D.	N.D.	
Average Aroclor-1221						0.000	0.000	
Sum Aroclor-1232				0	0	N.D.	N.D.	
Average Aroclor-1232						0.000	0.000	
Sum Aroclor-1242				0	0	N.D.	N.D.	
Average Aroclor-1242						0.000	0.000	
Sum Aroclor-1248				0	0	N.D.	N.D.	
Average Aroclor-1248						0.000	0.000	
28) L7 Aroclor-1254		6.46	7.12	318.8E6	139.1E6	54.124	64.194	
29) L7 Aroclor-1254	{2}	6.90	7.71	169.8E6	103.7E6	43.760	60.686	#
30) L7 Aroclor-1254	{3}	7.07	8.32	258.3E6	110.2E6	34.849	65.443	#
31) L7 Aroclor-1254	{4}	7.50	8.55	389.0E6	73909422	50.585	76.660	#
32) L7 Aroclor-1254	{5}	8.34	9.14	398.4E6	144.8E6	57.736	60.548	
Sum Aroclor-1254				1534.3E6	571.6E6	241.054	327.530	
Average Aroclor-1254						48.211	65.506	
Sum Aroclor-1260				0	0	N.D.	N.D.	
Average Aroclor-1260						0.000	0.000	
Sum Aroclor-1262				0	0	N.D.	N.D.	
Average Aroclor-1262						0.000	0.000	
Sum Aroclor-1268				0	0	N.D.	N.D.	
Average Aroclor-1268						0.000	0.000	

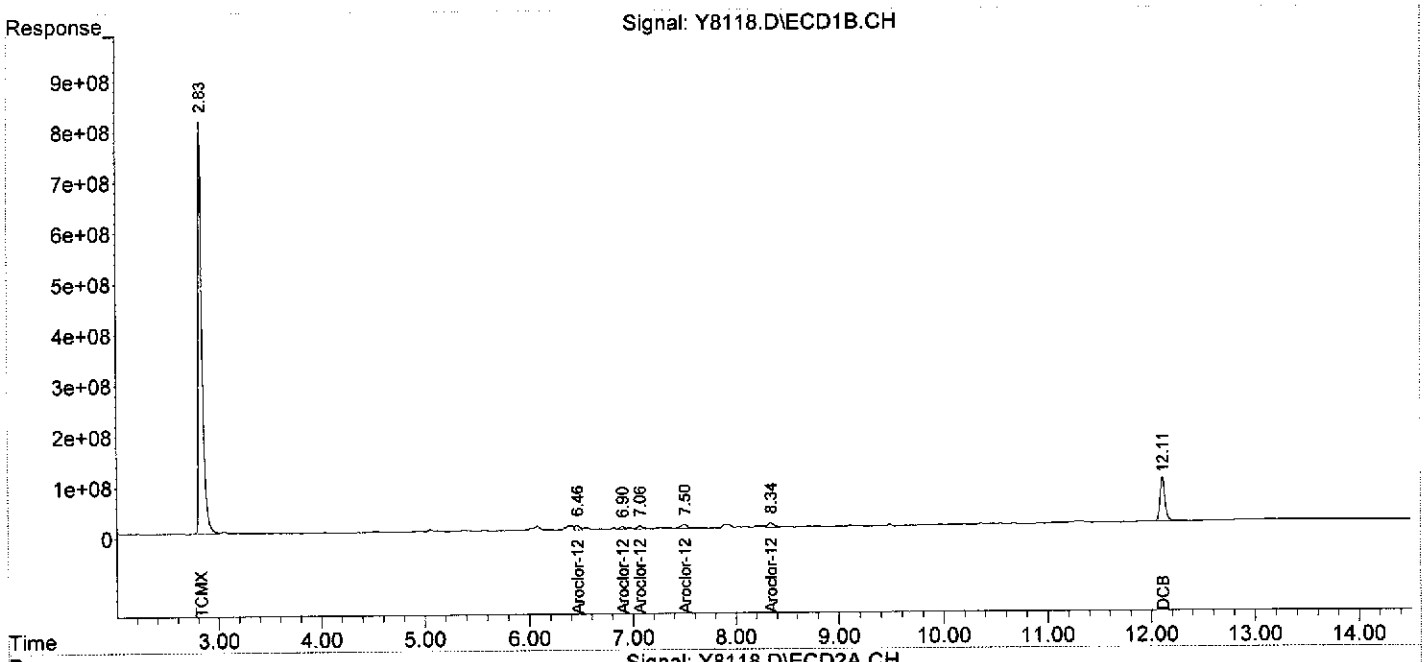
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

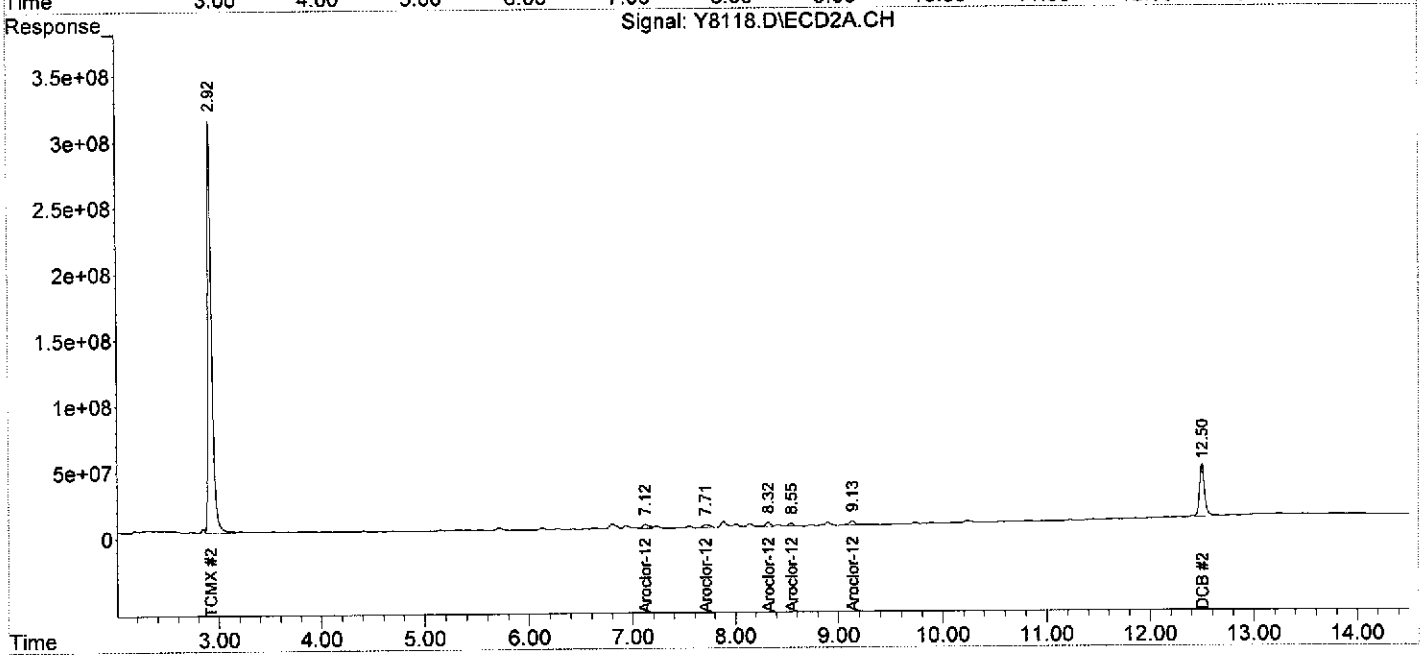
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8118.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 17:51
Operator : YG
Sample : T-37_(6.0-,07431-052,S,5.66g,65.5,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:37:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8119.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 18:38
Operator : YG
Sample : T-37_(7.0-,07431-053,S,5.63g,21.3,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:39:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.93	19452.6E6	6928.6E6	204.612	198.230
Spiked Amount 200.000			Recovery	=	102.31%	99.11%
2) S DCB	12.12	12.51	1999.2E6	899.5E6	97.009m	104.667m
Spiked Amount 200.000			Recovery	=	48.50%	52.33%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

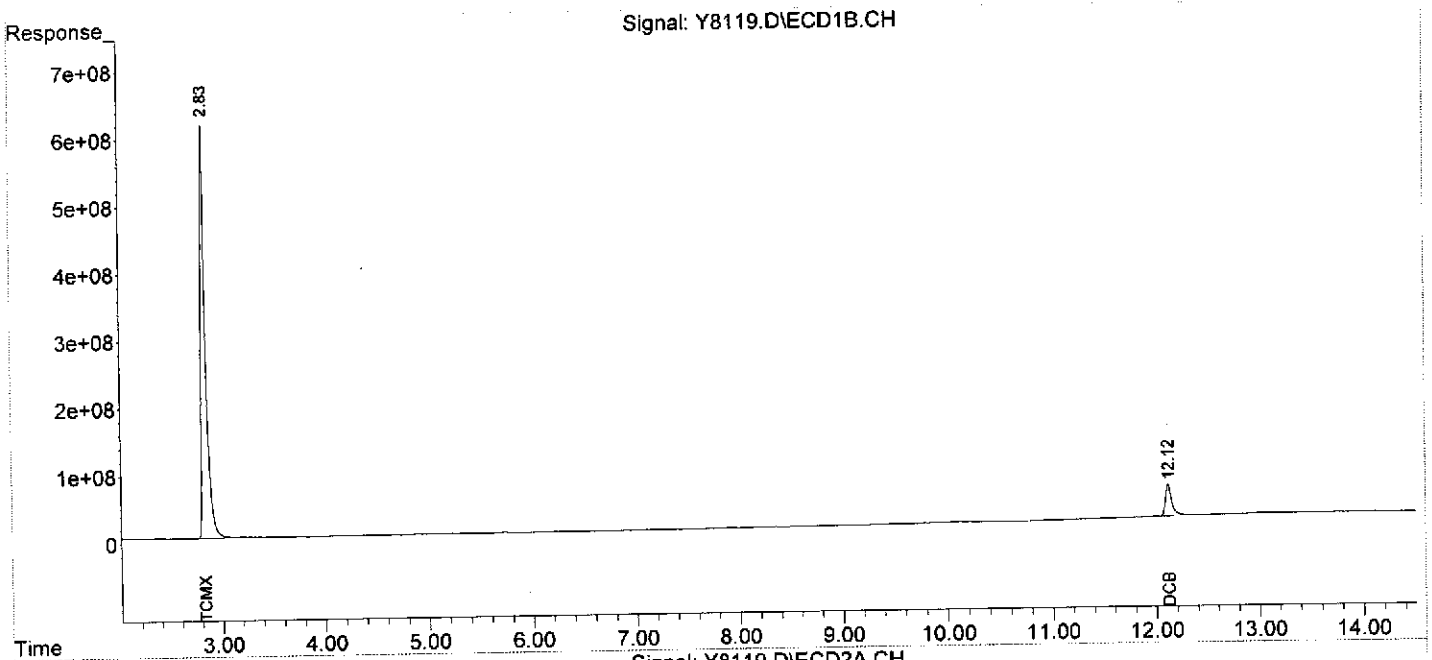
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

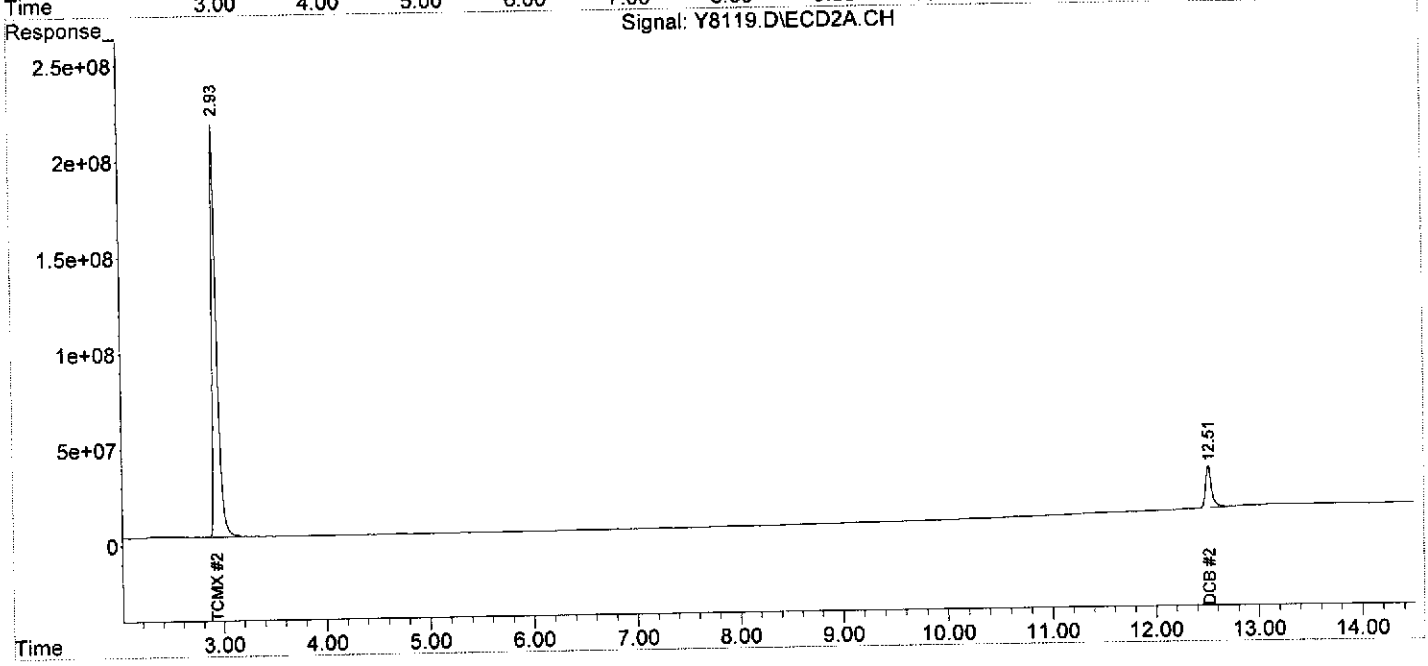
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8119.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 18:38
Operator : YG
Sample : T-37_(7.0-,07431-053,S,5.63g,21.3,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:39:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8120.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 18:56
Operator : YG
Sample : T-36_(0-2.,07431-054,S,5.71g,24.6,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,10
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:41:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	1946.4E6	689.5E6	20.473	19.727
Spiked Amount 200.000			Recovery =		10.24%	9.86%
2) S DCB	12.11	12.50	338.9E6	106.6E6	16.444m	12.407m
Spiked Amount 200.000			Recovery =		8.22%	6.20%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	6.46	7.12	3293.6E6	1278.3E6	559.105	589.931
29) L7 Aroclor-1254 {2}	6.90	7.71	1901.5E6	1013.4E6	490.182	593.277
30) L7 Aroclor-1254 {3}	7.06	8.32	3884.5E6	895.7E6	524.076	531.849
31) L7 Aroclor-1254 {4}	7.48	8.55	5479.9E6	1200.1E6	712.569	1244.780 #
32) L7 Aroclor-1254 {5}	8.34	9.14	5150.2E6	1953.4E6	746.409	817.023
Sum Aroclor-1254			19709.7E6	6340.9E6	3032.341	3776.860
Average Aroclor-1254					606.468	755.372
33) L8 Aroclor-1260	8.34	7.89	5150.2E6	1668.0E6	709.058	1551.054 #
34) L8 Aroclor-1260 {2}	9.01	8.14	1740.7E6	1211.9E6	549.304	764.811 #
35) L8 Aroclor-1260 {3}	9.49	9.73	4320.8E6	876.9E6	523.554	661.873 #
36) L8 Aroclor-1260 {4}	9.97	10.23	1758.4E6	1632.5E6	425.483	565.676 #
37) L8 Aroclor-1260 {5}	11.02	10.82	848.9E6	1137.1E6	504.412	559.451
Sum Aroclor-1260			13819.1E6	6526.4E6	2711.809	4102.864
Average Aroclor-1260					542.362	820.573
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8120.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 18:56
Operator : YG
Sample : T-36_(0-2.,07431-054,S,5.71g,24.6,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,10
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:41:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

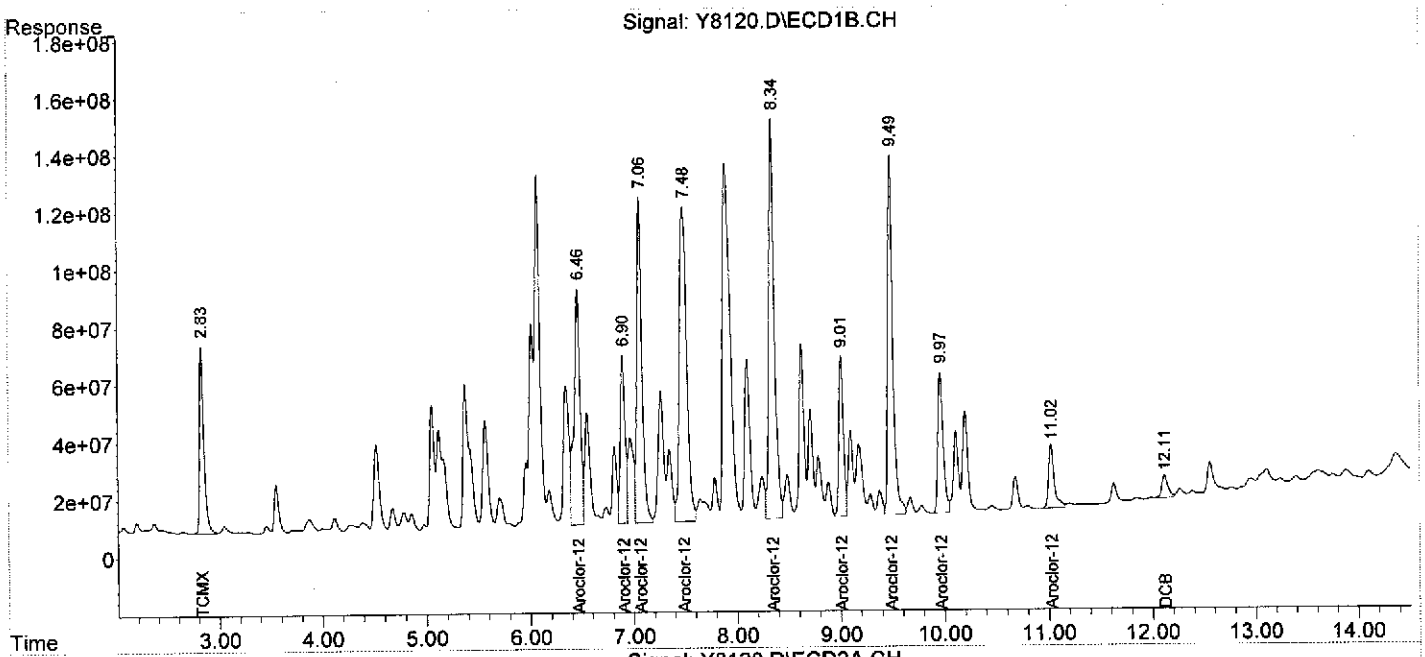
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

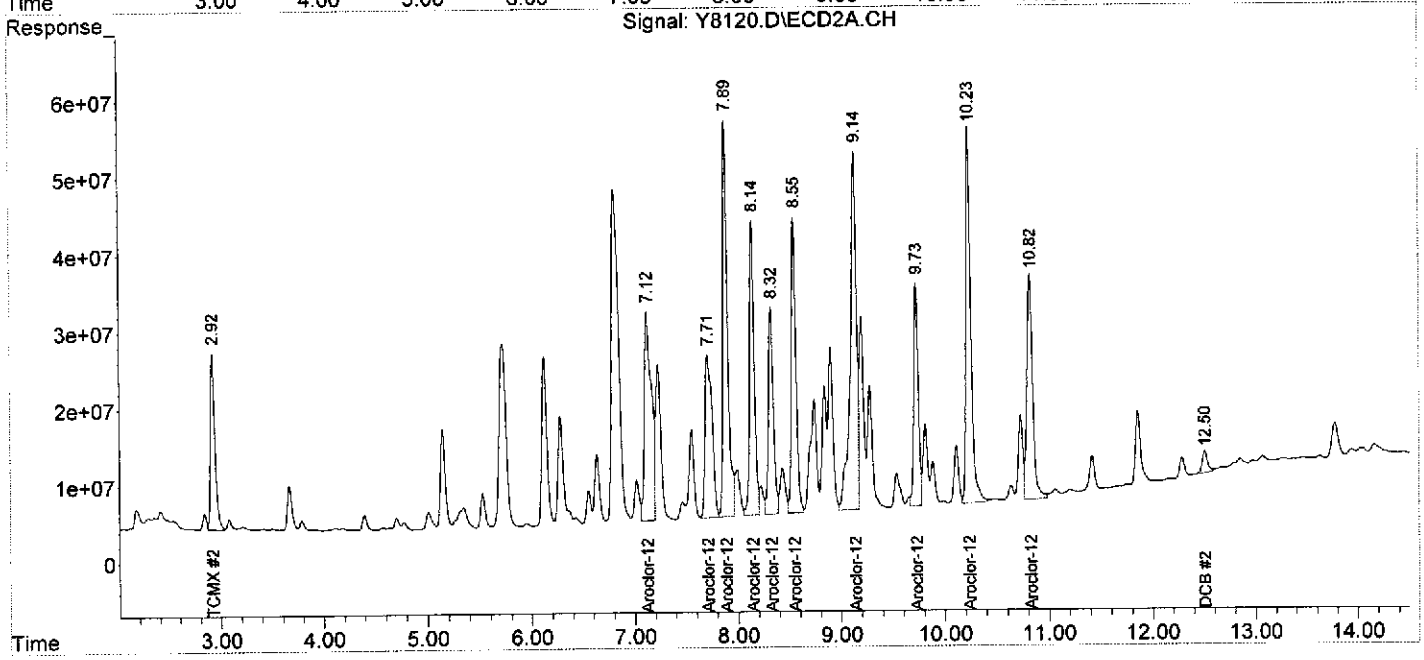
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8120.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 18:56
Operator : YG
Sample : T-36_(0-2.,07431-054,S,5.71g,24.6,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,10
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:41:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8121.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:13
Operator : YG
Sample : T-36_(2.0-,07431-055,S,5.33g,16.6,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:41:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	19128.0E6	6785.7E6	201.198	194.139
Spiked Amount 200.000			Recovery	=	100.60%	97.07%
2) S DCB	12.11	12.50	2601.8E6	1126.3E6	126.252m	131.070m
Spiked Amount 200.000			Recovery	=	63.13%	65.53%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

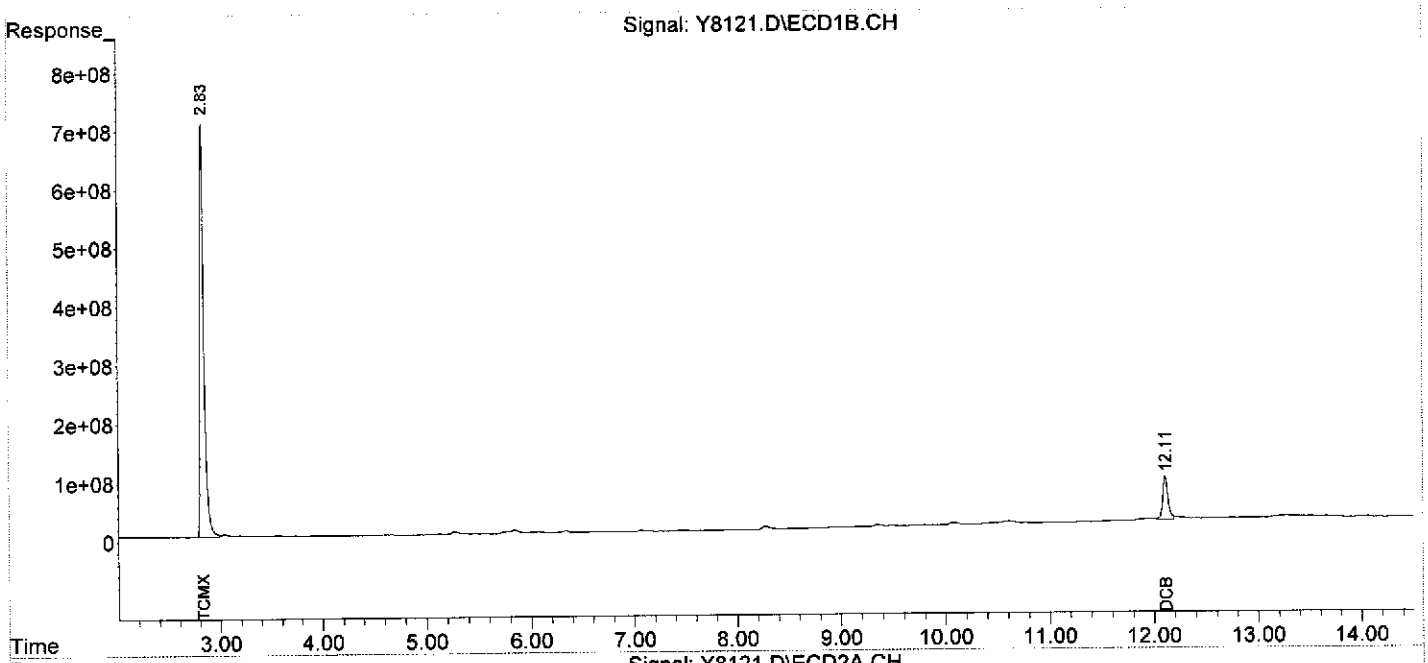
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

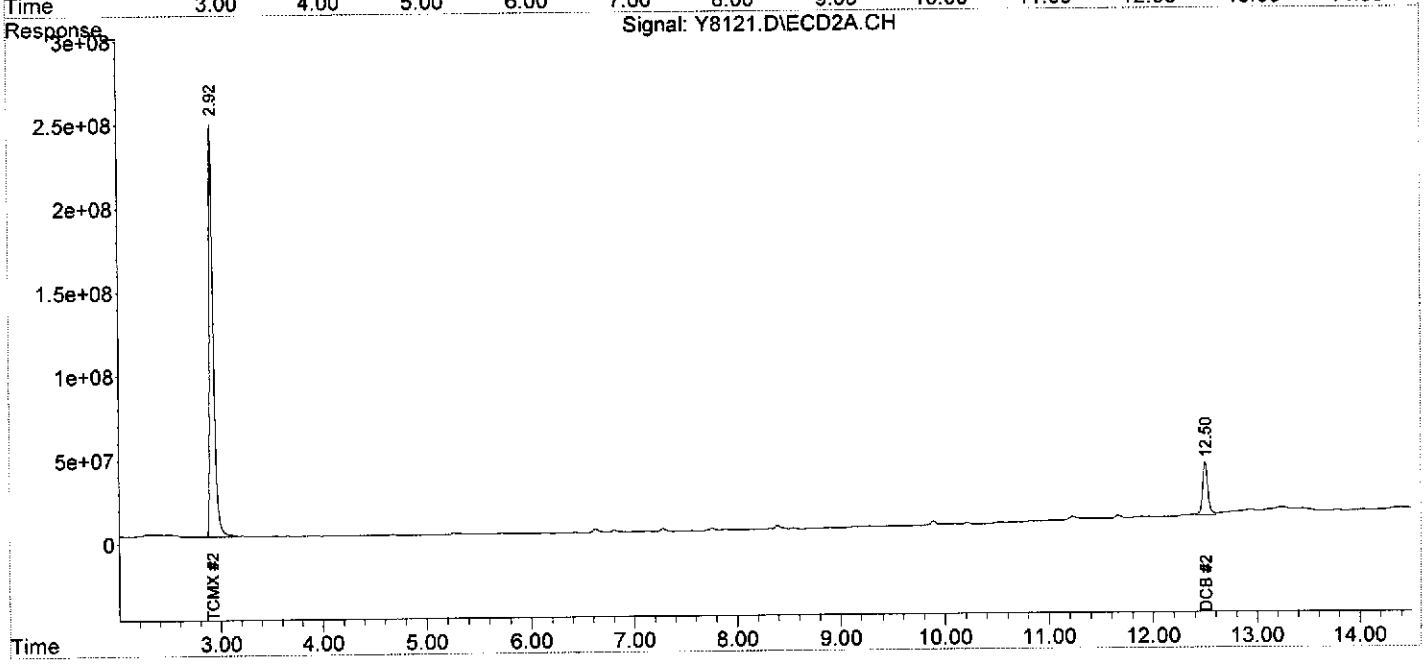
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8121.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:13
Operator : YG
Sample : T-36_(2.0-,07431-055,S,5.33g,16.6,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:41:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8122.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:30
Operator : YG
Sample : T-36_(4.0-,07431-056,S,5.20g,75.2,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:42:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	22486.7E6	8348.4E6	236.526	238.851
Spiked Amount 200.000			Recovery	=	118.26%	119.43%
2) S DCB	12.11	12.50	3059.4E6	1345.4E6	148.455m	156.565m
Spiked Amount 200.000			Recovery	=	74.23%	78.28%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

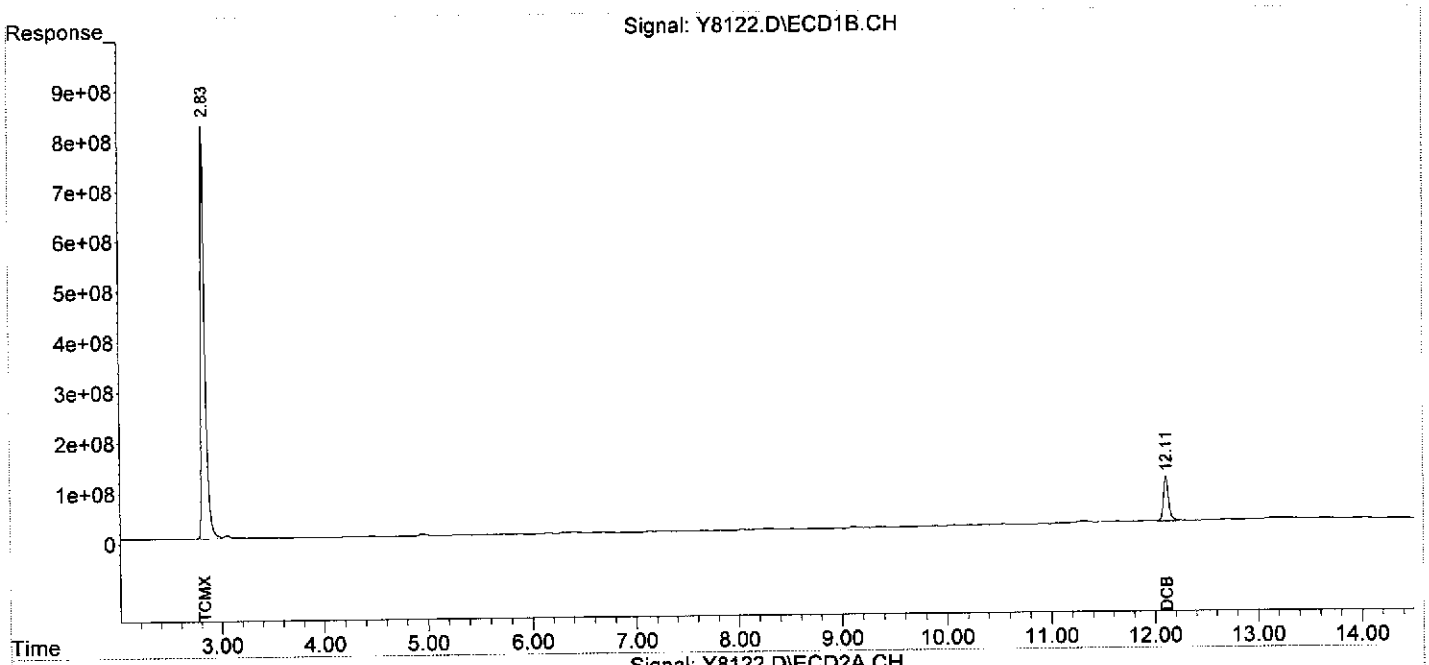
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

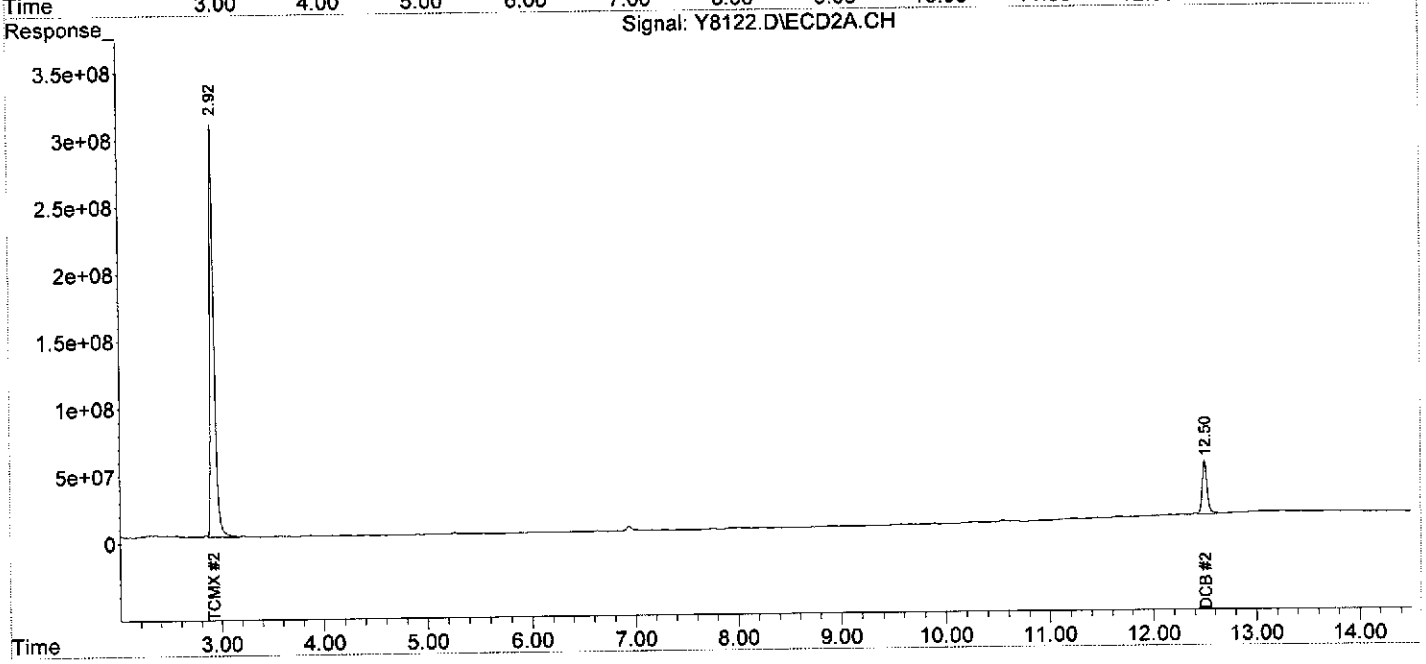
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8122.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:30
Operator : YG
Sample : T-36_(4.0-,07431-056,S,5.20g,75.2,08/01/12,4
Misc : 120801-07,07/24/12,07/24/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 15:42:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2679.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:22
Operator : YG
Sample : T-36_(4.5-,07431-057,S,5.00g,22.8,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:19:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	38531.1E6	30808.0E6	224.255	214.019
Spiked Amount 200.000			Recovery	=	112.13%	107.01%
2) S DCB	13.10	13.18	6844.1E6	4545.5E6	117.245m	113.479m
Spiked Amount 200.000			Recovery	=	58.62%	56.74%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

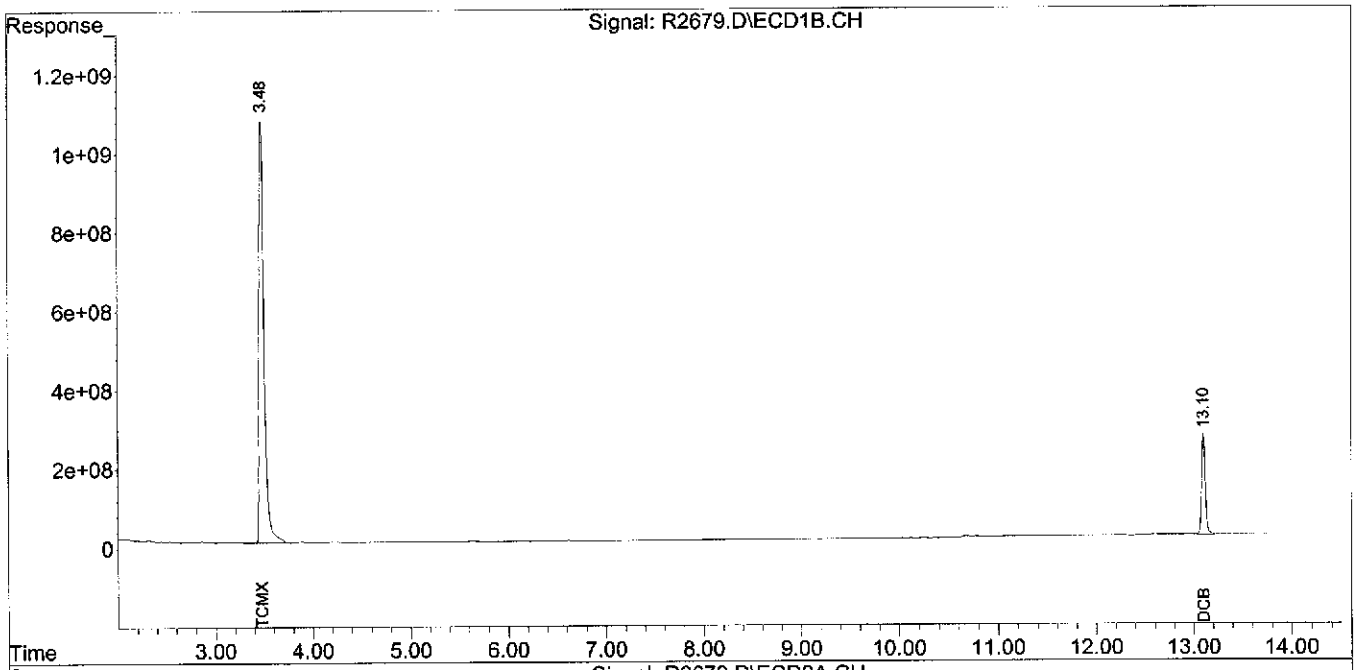
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

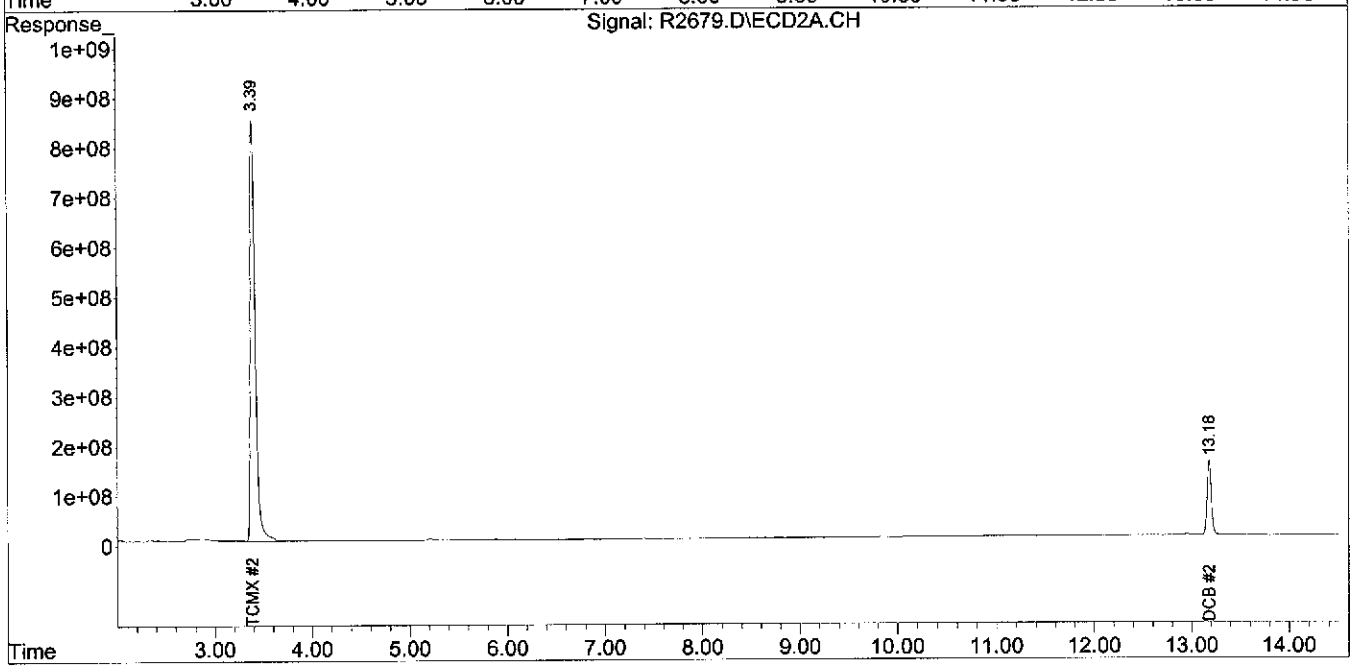
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2679.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:22
Operator : YG
Sample : T-36_(4.5-,07431-057,S,5.00g,22.8,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:19:06 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2733.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 5:36
Operator : YG
Sample : S-36_(0-2.,07431-058,S,5.05g,18.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:57:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	3859.3E6	2966.4E6	22.461	20.607
Spiked Amount 200.000			Recovery	=	11.23%	10.30%
2) S DCB	13.11	13.18	490.7E6	328.2E6	8.406m	8.194m
Spiked Amount 200.000			Recovery	=	4.20%	4.10%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.72	4594.6E6	2388.0E6	462.476	438.843
29) L7 Aroclor-1254 {2}	7.78	8.31	2821.7E6	2882.0E6	443.847	482.099
30) L7 Aroclor-1254 {3}	7.95	8.76	5448.3E6	2340.5E6	459.906	609.701 #
31) L7 Aroclor-1254 {4}	8.40	8.93	7542.3E6	2356.4E6	546.197	411.593
32) L7 Aroclor-1254 {5}	9.26	9.76	5512.7E6	3313.5E6	477.786	416.430
Sum Aroclor-1254			25919.5E6	13280.4E6	2390.212	2358.666
Average Aroclor-1254					478.042	471.733
33) L8 Aroclor-1260	9.26	8.76	5512.7E6	2340.5E6	393.198	370.595
34) L8 Aroclor-1260 {2}	9.95	9.16	1420.5E6	1830.0E6	191.562	250.736 #
35) L8 Aroclor-1260 {3}	10.42	10.37	3881.2E6	1198.2E6	155.193	237.742 #
36) L8 Aroclor-1260 {4}	10.92	10.87	1554.6E6	1832.1E6	149.592	182.676
37) L8 Aroclor-1260 {5}	11.99	11.47	773.2E6	1157.7E6	166.554m	142.525
Sum Aroclor-1260			13142.1E6	8358.5E6	1056.099	1184.274
Average Aroclor-1260					211.220	236.855
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2733.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 5:36
Operator : YG
Sample : S-36_(0-2.,07431-058,S,5.05g,18.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:57:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

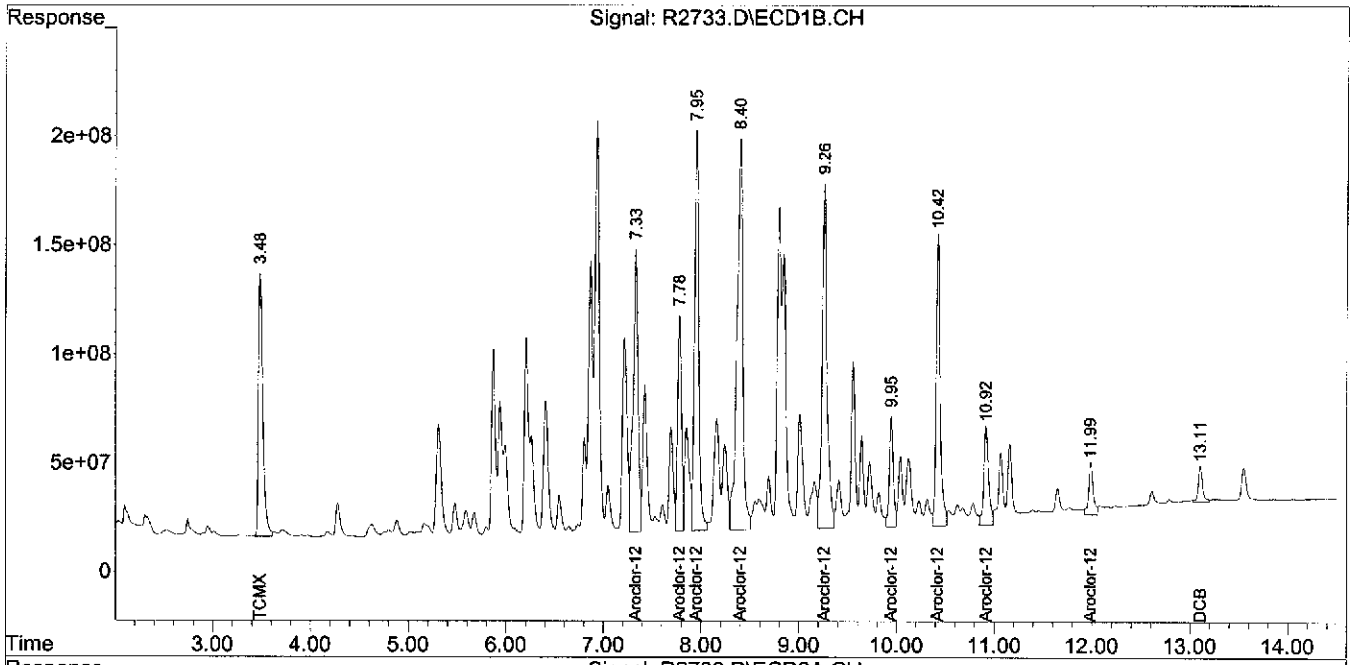
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

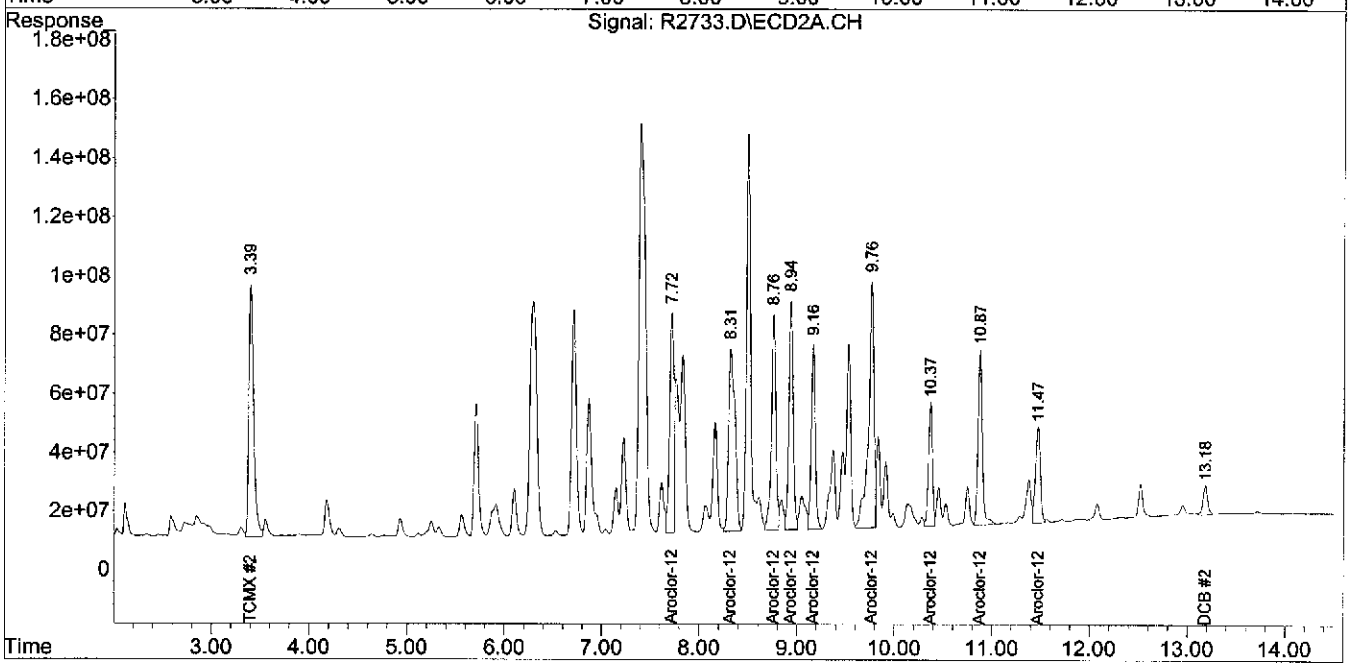
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2733.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 5:36
Operator : YG
Sample : S-36_(0-2.,07431-058,S,5.05g,18.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:57:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2681.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:57
Operator : YG
Sample : S-36_(2.0-,07431-059,S,5.02g,11.5,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:19:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	36826.1E6	29025.3E6	214.333	201.634
Spiked Amount 200.000			Recovery	=	107.17%	100.82%
2) S DCB	13.10	13.18	6457.5E6	4595.6E6	110.623	114.731
Spiked Amount 200.000			Recovery	=	55.31%	57.37%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

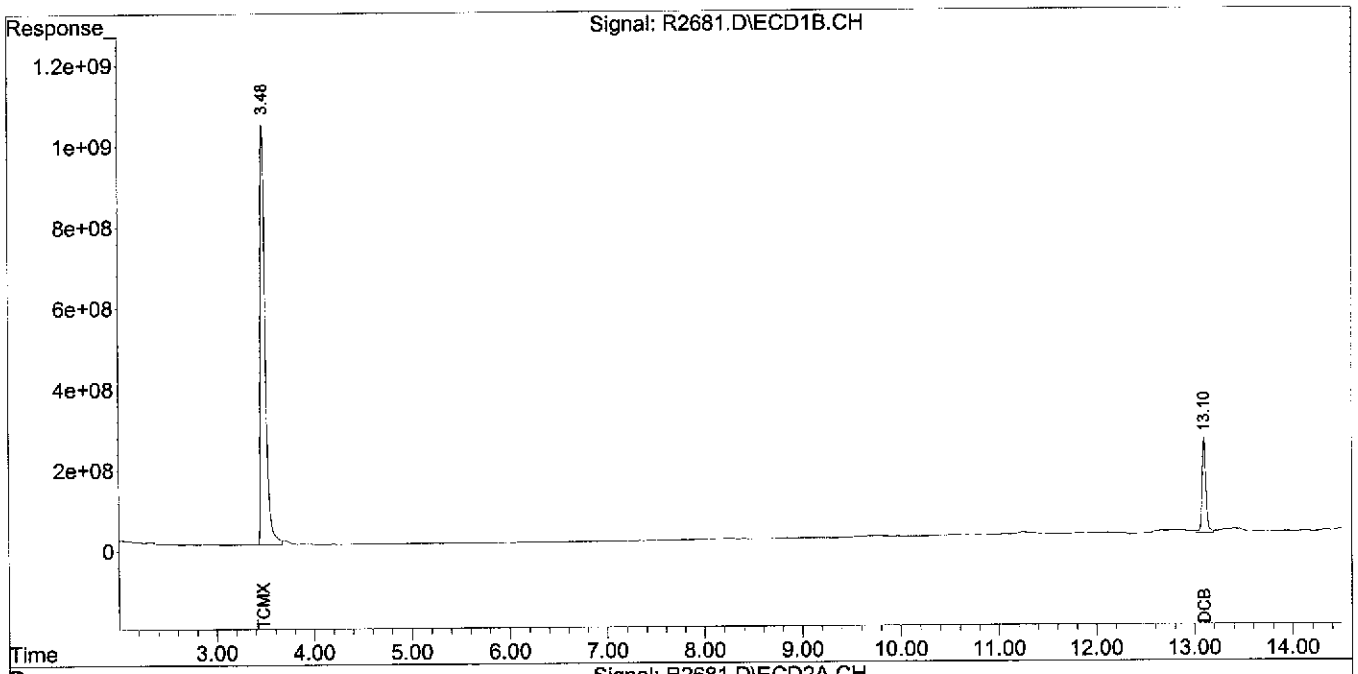
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

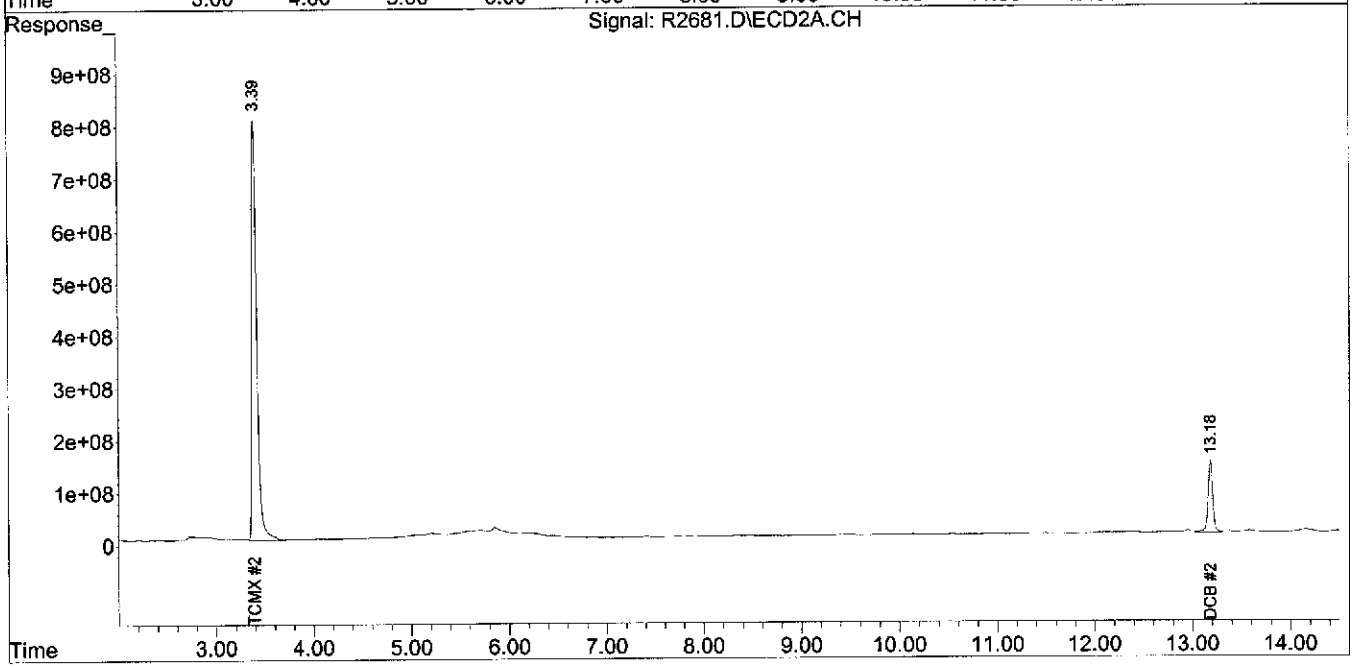
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2681.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:57
Operator : YG
Sample : S-36_(2.0-,07431-059,S,5.02g,11.5,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:19:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2682.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:15
Operator : YG
Sample : S-36_(4.0-,07431-060,S,5.24g,74.2,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:20:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	44173.3E6	37482.0E6	257.094	260.382
Spiked Amount 200.000			Recovery	=	128.55%	130.19%
2) S DCB	13.10	13.18	8602.3E6	5778.9E6	147.365m	144.270m
Spiked Amount 200.000			Recovery	=	73.68%	72.14%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

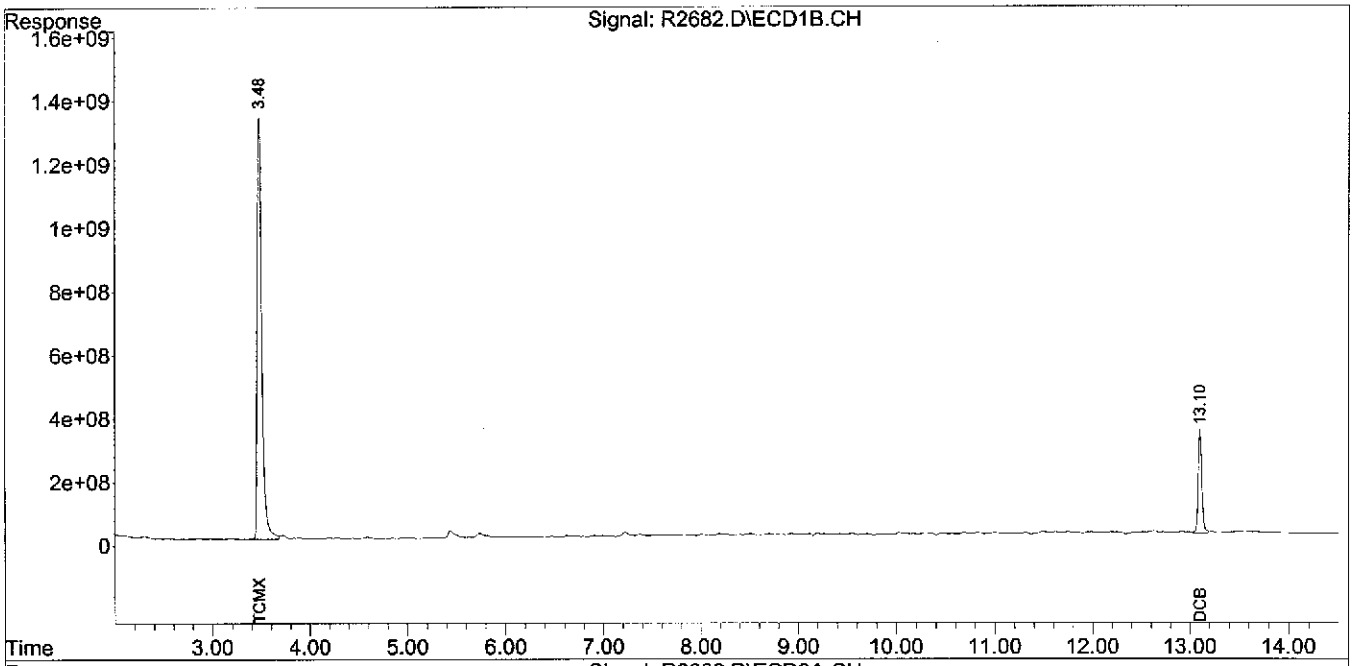
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

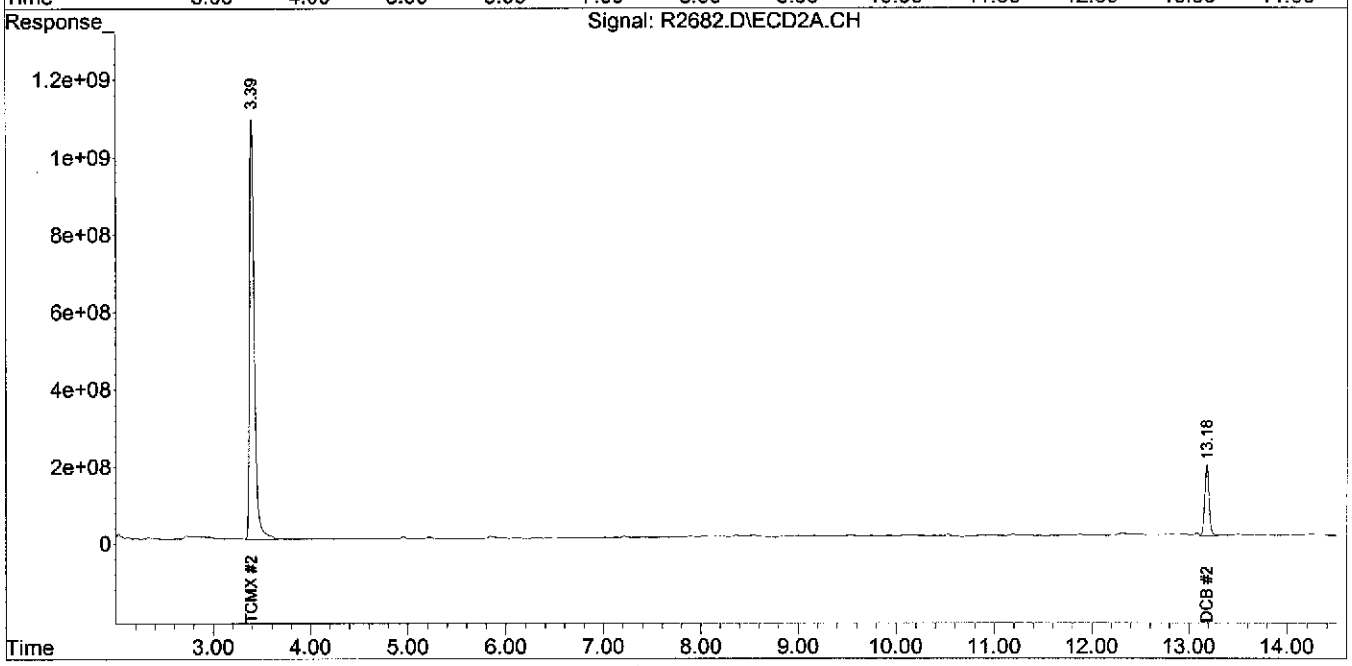
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2682.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:15
Operator : YG
Sample : S-36_(4.0-,07431-060,S,5.24g,74.2,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:20:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2683.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:32
Operator : YG
Sample : S-36_(5.0-,07431-061,S,5.07g,21.3,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:20:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	38799.2E6	30800.4E6	225.816	213.966
Spiked Amount 200.000			Recovery	=	112.91%	106.98%
2) S DCB	13.10	13.18	6091.4E6	4296.3E6	104.351m	107.257m
Spiked Amount 200.000			Recovery	=	52.18%	53.63%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

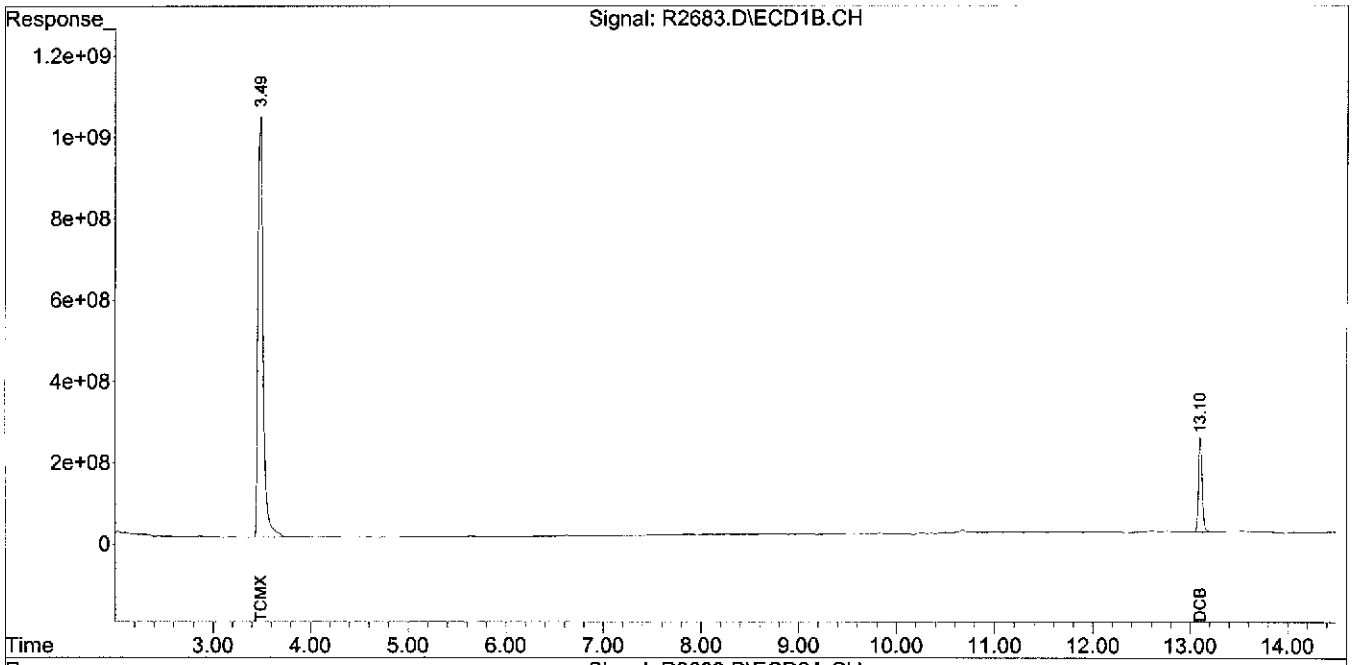
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

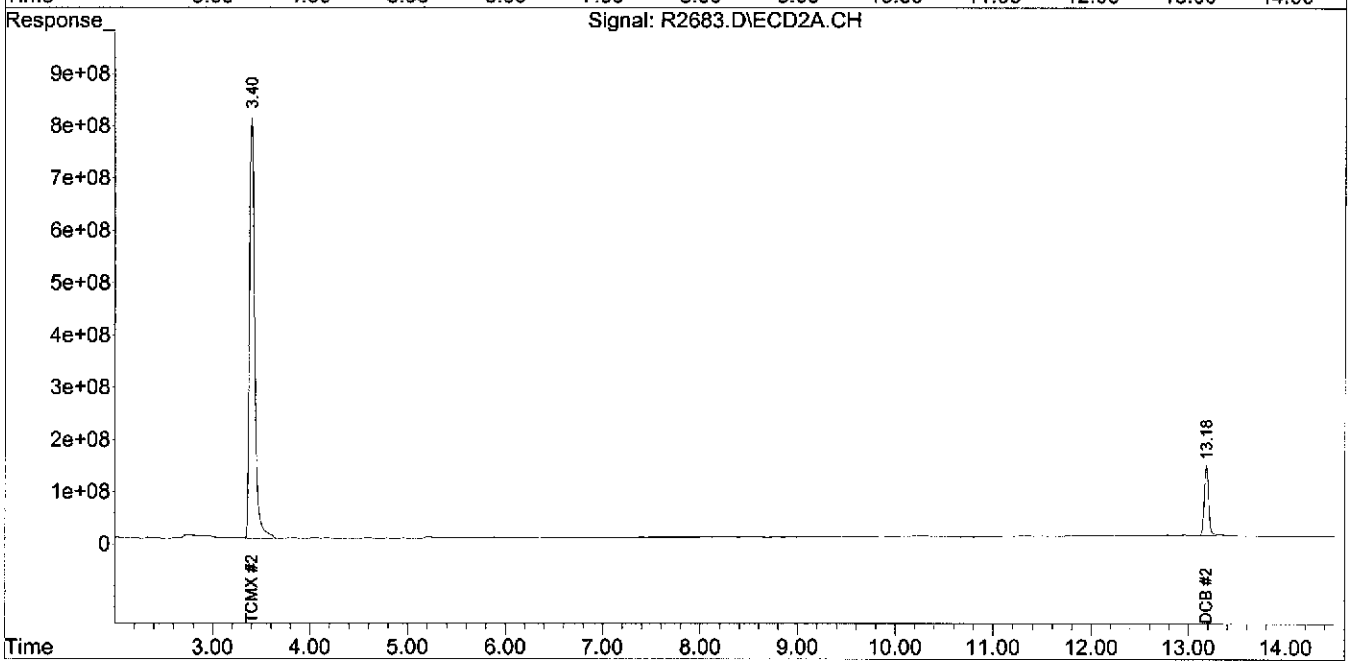
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2683.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 12:32
Operator : YG
Sample : S-36_(5.0-,07431-061,S,5.07g,21.3,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:20:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2734.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 5:54
Operator : YG
Sample : S-37_(0-2.,07431-062,S,5.47g,16.0,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:58:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
38) L9 Aroclor-1262	9.55	10.36	935.6E6	430.7E6	53.386	61.696m
39) L9 Aroclor-1262 {2}	10.42	10.87	1494.5E6	862.0E6	50.425	61.232m
40) L9 Aroclor-1262 {3}	11.07	11.37	401.0E6	212.0E6	35.126	40.482m
41) L9 Aroclor-1262 {4}	11.16	11.47	507.1E6	502.6E6	45.230	49.596m
42) L9 Aroclor-1262 {5}	11.99	12.07	404.0E6	118.4E6	50.331	59.356m
Sum Aroclor-1262			3742.3E6	2125.6E6	234.497	272.361
Average Aroclor-1262					46.899	54.472
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

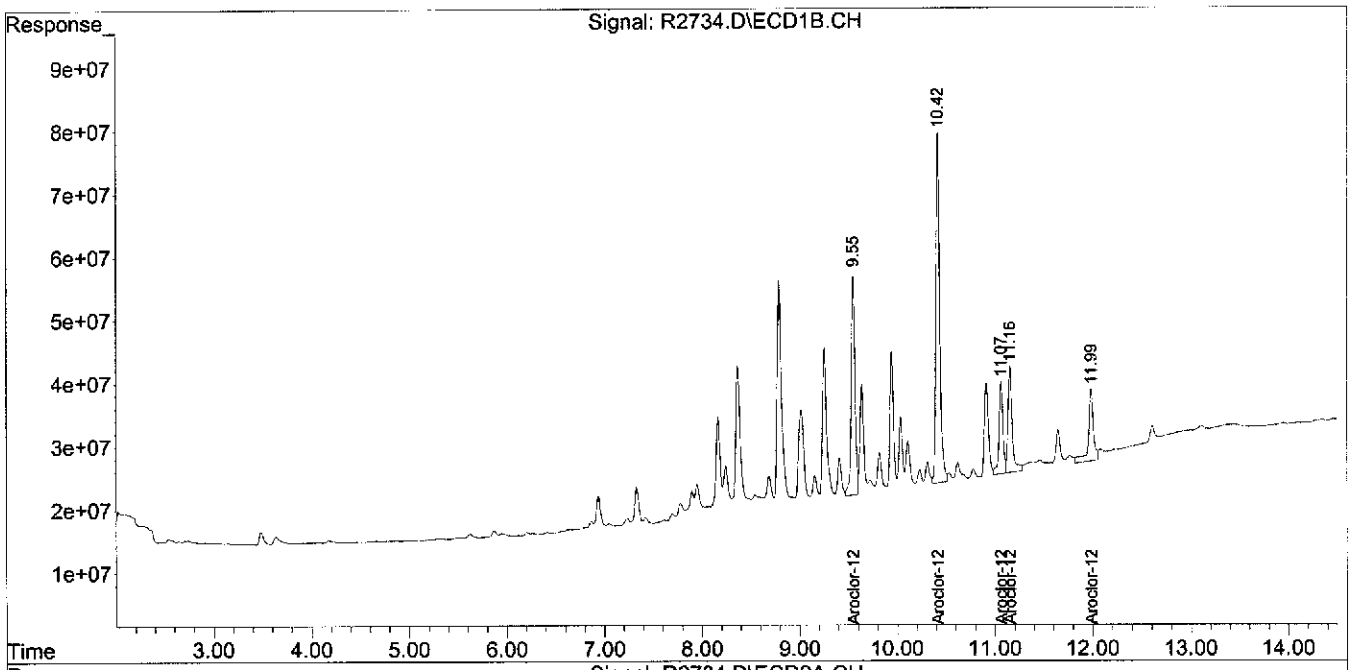
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

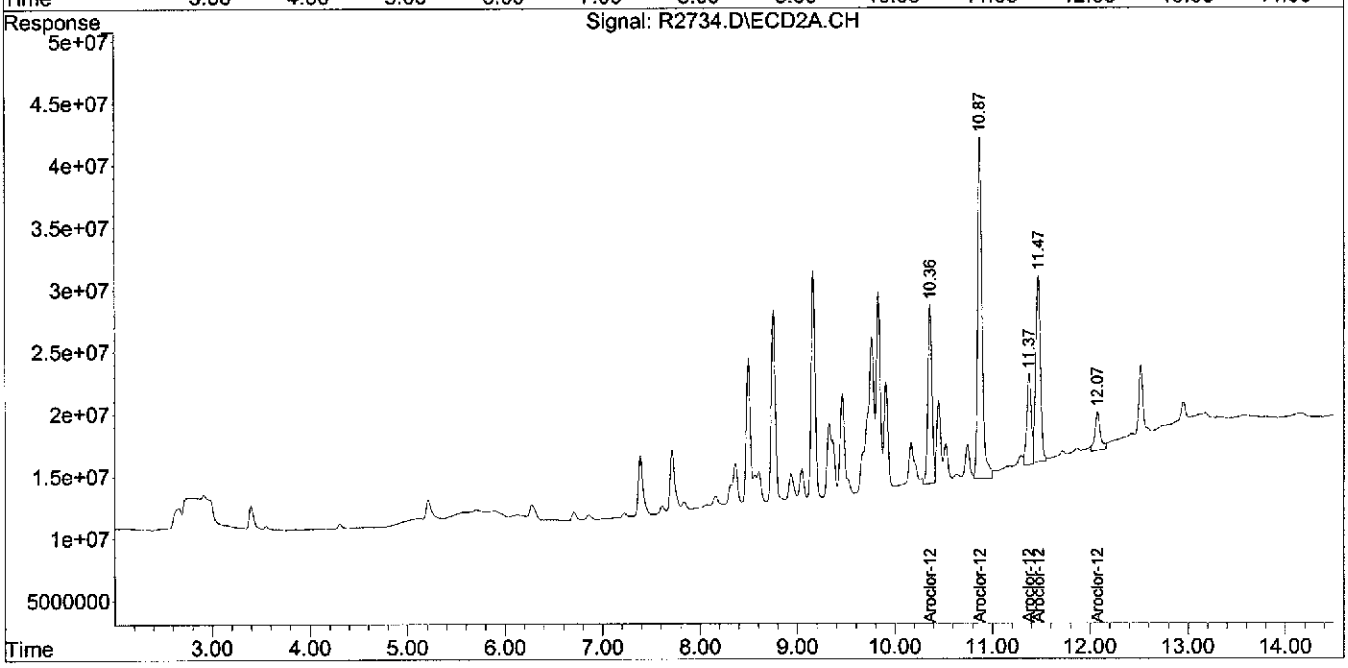
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2734.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 5:54
Operator : YG
Sample : S-37_(0-2.,07431-062,S,5.47g,16.0,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1000
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:58:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2735.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 6:11
Operator : YG
Sample : S-37_(2.0-,07431-063,S,5.26g,13.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 11:01:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.41	40428.7E6	33725.4E6	235.300	234.286
Spiked Amount 200.000			Recovery	=	117.65%	117.14%
2) S DCB	13.10	13.18	5361.5E6	3469.8E6	91.847	86.625
Spiked Amount 200.000			Recovery	=	45.92%	43.31%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.71	196.6E6	163.0E6	25.816	29.188
24) L6 Aroclor-1248 {2}	5.88	6.30	98393949	299.1E6	22.936m	37.461 #
25) L6 Aroclor-1248 {3}	6.21	6.71	140.5E6	236.9E6	25.579	39.686 #
26) L6 Aroclor-1248 {4}	6.93	6.87	326.9E6	162.4E6	38.365	31.799
27) L6 Aroclor-1248 {5}	7.22	7.22	306.0E6	184.3E6	42.738	63.817m#
Sum Aroclor-1248			1068.4E6	1045.7E6	155.434	201.950
Average Aroclor-1248					31.087	40.390
28) L7 Aroclor-1254	7.33	7.72	79338147	110.4E6	7.986m	20.291m#
29) L7 Aroclor-1254 {2}	7.78	8.34	89594608	80356122	14.093m	13.442m
30) L7 Aroclor-1254 {3}	7.95	8.76	253.7E6	131.8E6	21.417m	34.339m#
31) L7 Aroclor-1254 {4}	8.40	8.94	178.7E6	118.1E6	12.938m	20.620m#
32) L7 Aroclor-1254 {5}	9.26	9.79	182.0E6	142.0E6	15.777m	17.848m
Sum Aroclor-1254			783.3E6	582.7E6	72.211	106.539
Average Aroclor-1254					14.442	21.308
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2735.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 6:11
Operator : YG
Sample : S-37_(2.0-,07431-063,S,5.26g,13.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 11:01:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

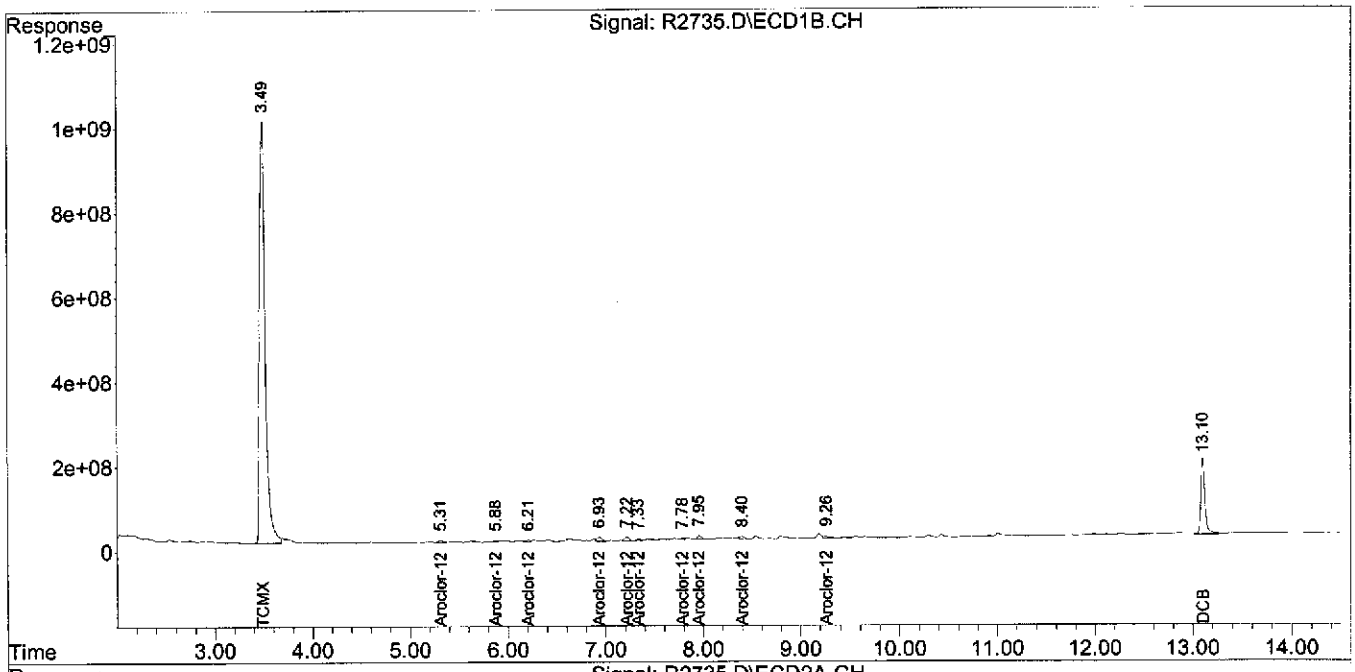
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

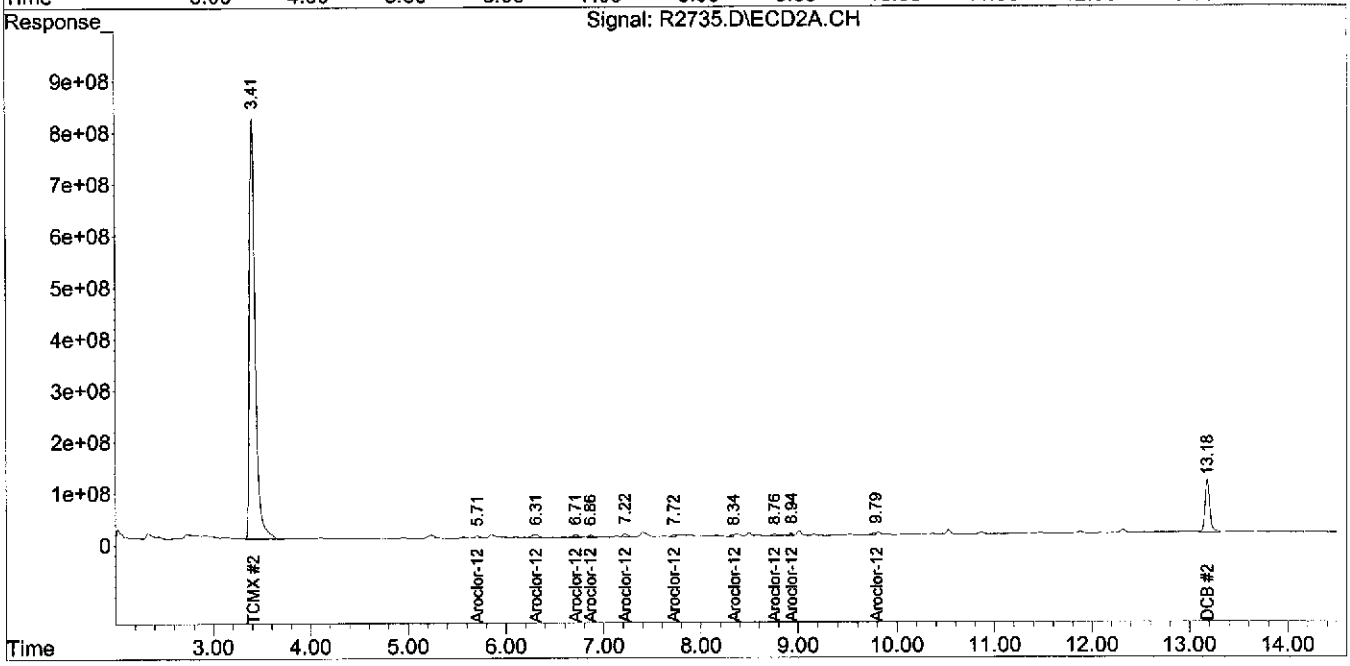
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2735.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 11 Aug 2012 6:11
Operator : YG
Sample : S-37_(2.0-,07431-063,S,5.26g,13.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 11:01:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2691.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 15:24
Operator : YG
Sample : S-37_(4.0-,07431-064,S,5.13g,78.9,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:21:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	41981.0E6	35559.3E6	244.335	247.025
Spiked Amount 200.000			Recovery	=	122.17%	123.51%
2) S DCB	13.10	13.18	9513.6E6	4572.7E6	162.976m	114.157m#
Spiked Amount 200.000			Recovery	=	81.49%	57.08%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

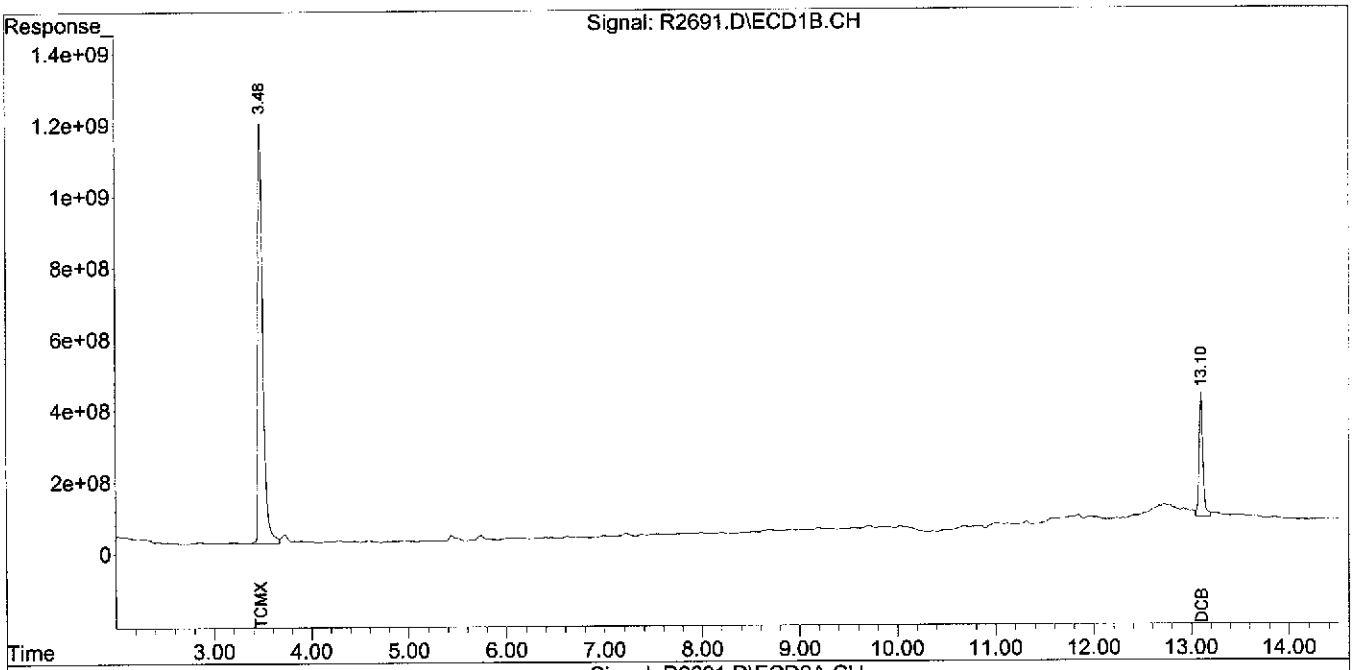
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

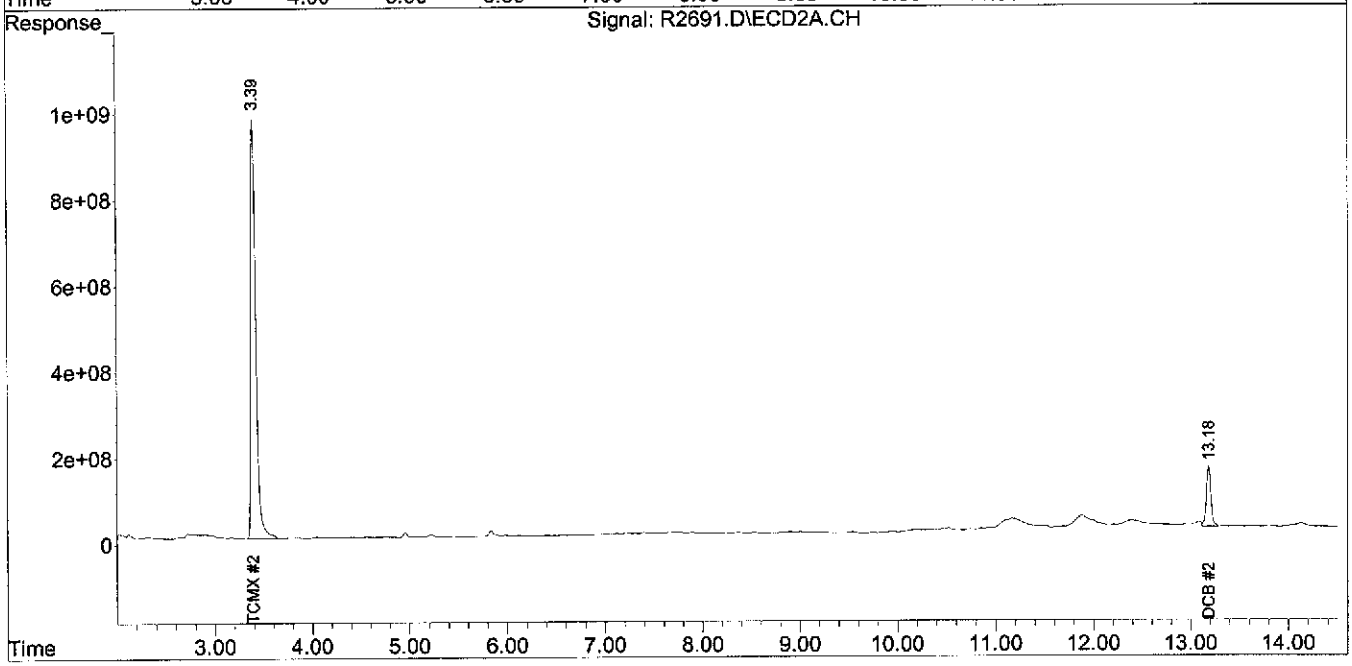
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2691.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 15:24
Operator : YG
Sample : S-37_(4.0-,07431-064,S,5.13g,78.9,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:21:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2692.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 15:42
Operator : YG
Sample : S-37_(5.0-,07431-065,S,5.23g,20.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:21:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.41	51328.1E6	37022.4E6	298.736	257.189
Spiked Amount 200.000			Recovery	=	149.37%	128.59%
2) S DCB	13.10	13.18	7923.9E6	4394.2E6	135.744m	109.701m
Spiked Amount 200.000			Recovery	=	67.87%	54.85%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

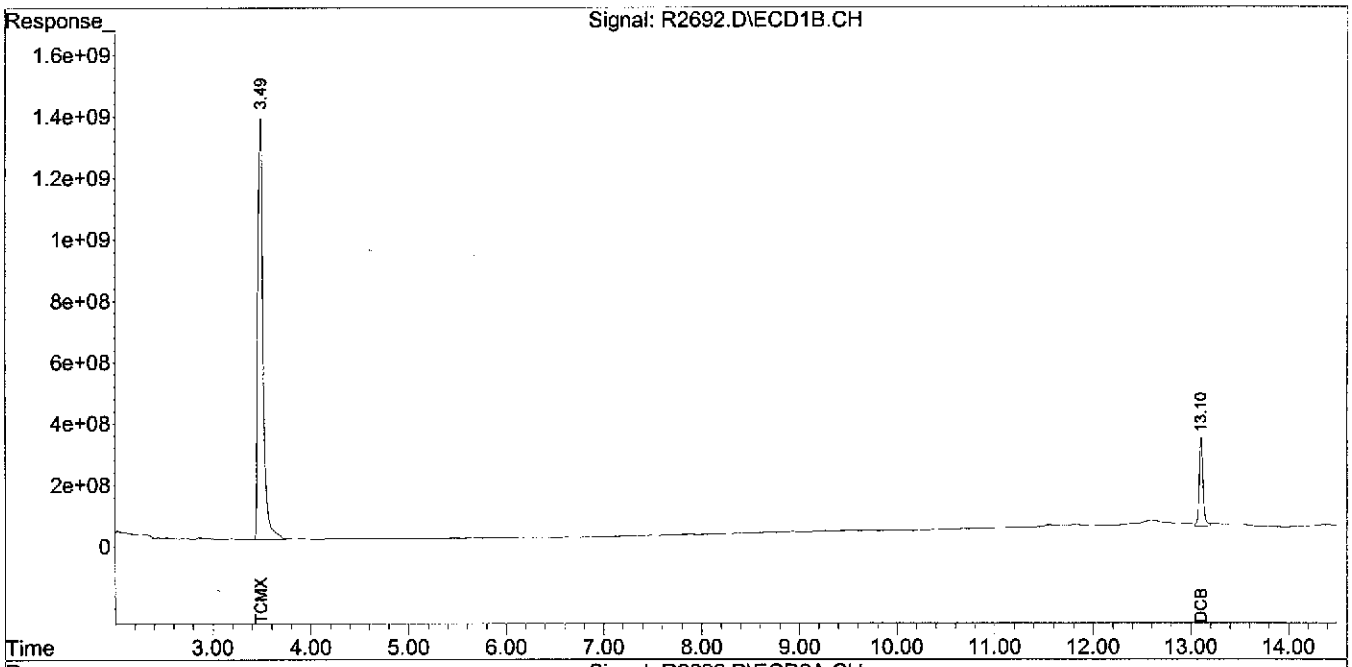
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

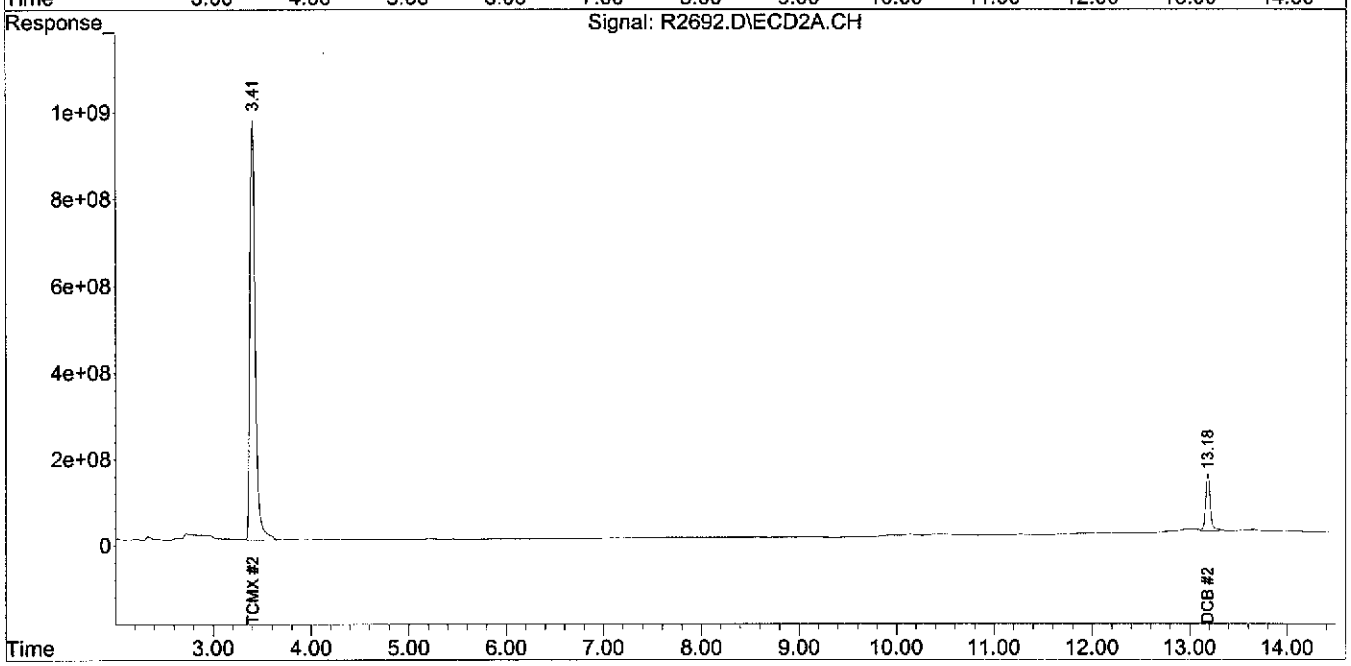
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2692.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 15:42
Operator : YG
Sample : S-37_(5.0-,07431-065,S,5.23g,20.4,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:21:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-31-12\
Data File : Y7726.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 31 Jul 2012 22:23
Operator : IB
Sample : FB-19,07431-066,A,1000ml,100,07/26/12,1
Misc : 120726-07,07/24/12,07/24/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 10:11:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19340.4E6	6820.1E6	203.432	195.123
Spiked Amount 200.000			Recovery	=	101.72%	97.56%
2) S DCB	12.11	12.50	2716.0E6	1219.5E6	131.793m	141.913m
Spiked Amount 200.000			Recovery	=	65.90%	70.96%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

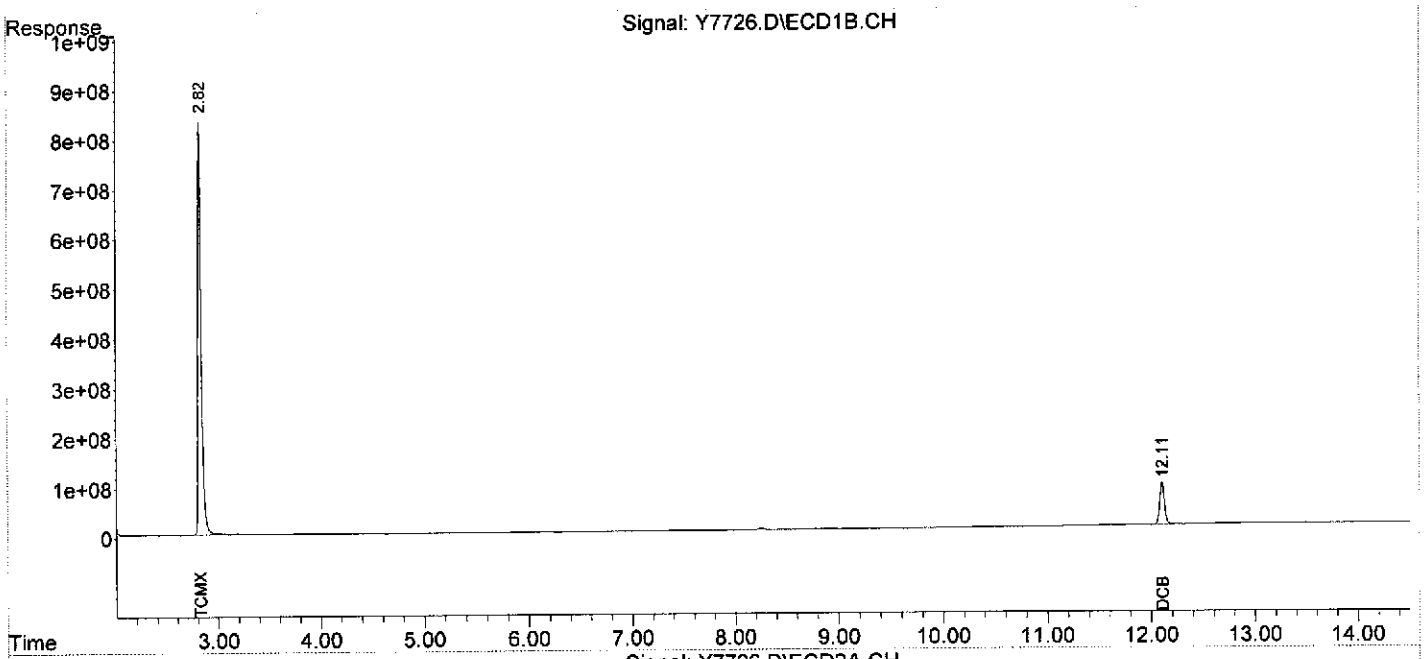
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

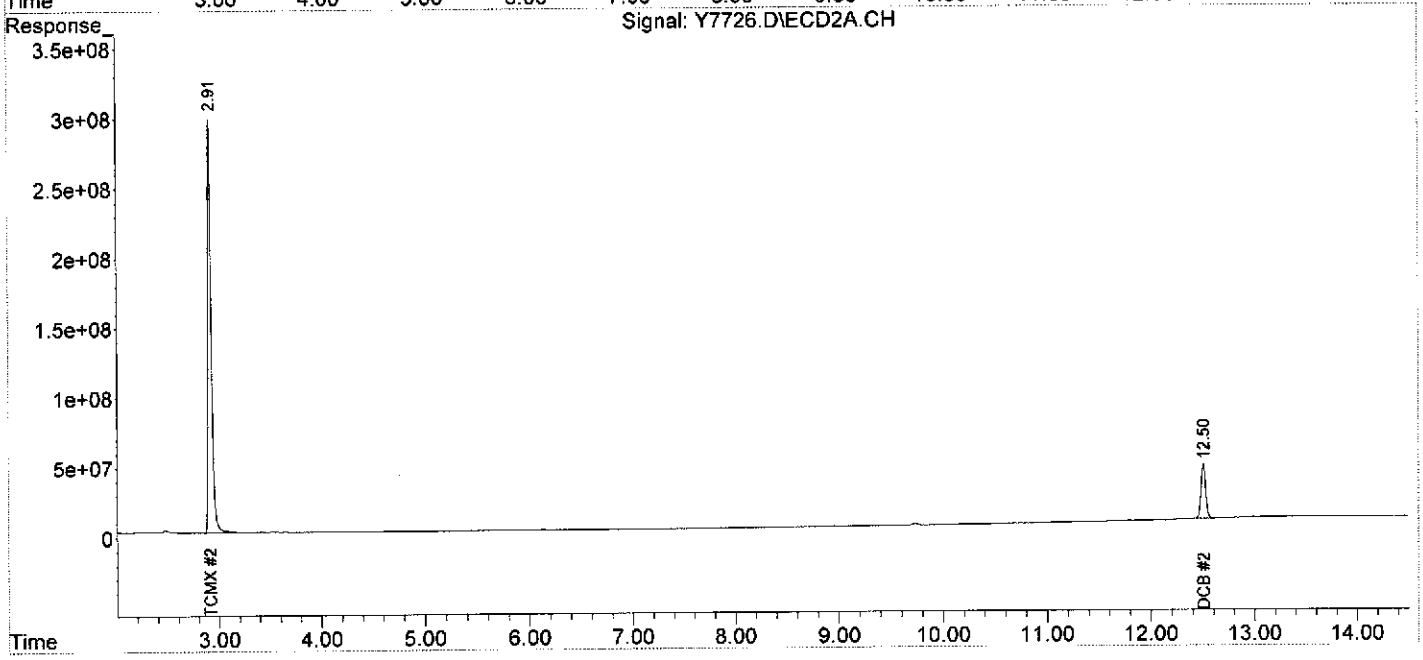
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-31-12\
Data File : Y7726.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 31 Jul 2012 22:23
Operator : IB
Sample : FB-19,07431-066,A,1000ml,100,07/26/12,1
Misc : 120726-07,07/24/12,07/24/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 10:11:16 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2693.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 15:59
Operator : YG
Sample : X-30_(0-2.,07431-067,S,5.43g,15.0,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,100
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:26:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.72	255.3E6	148.5E6	25.699m	27.282m
29) L7 Aroclor-1254 {2}	7.78	8.32	128.4E6	92335766	20.205m	15.446
30) L7 Aroclor-1254 {3}	7.95	8.76	257.8E6	225.5E6	21.758m	58.752 #
31) L7 Aroclor-1254 {4}	8.37	8.93	628.6E6	159.9E6	45.523m	27.927 #
32) L7 Aroclor-1254 {5}	9.26	9.77	447.9E6	234.3E6	38.821m	29.448m
Sum Aroclor-1254			1718.0E6	860.5E6	152.005	158.855
Average Aroclor-1254					30.401	31.771
33) L8 Aroclor-1260	9.26	8.76	545.4E6	225.5E6	38.899m	35.711
34) L8 Aroclor-1260 {2}	9.94	9.16	397.2E6	267.0E6	53.562m	36.581 #
35) L8 Aroclor-1260 {3}	10.42	10.36	847.1E6	208.9E6	33.871m	41.443m
36) L8 Aroclor-1260 {4}	10.92	10.88	346.9E6	496.9E6	33.383m	49.541m#
37) L8 Aroclor-1260 {5}	11.99	11.47	230.1E6	278.8E6	49.560m	34.321m#
Sum Aroclor-1260			2366.6E6	1477.0E6	209.275	197.598
Average Aroclor-1260					41.855	39.520
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

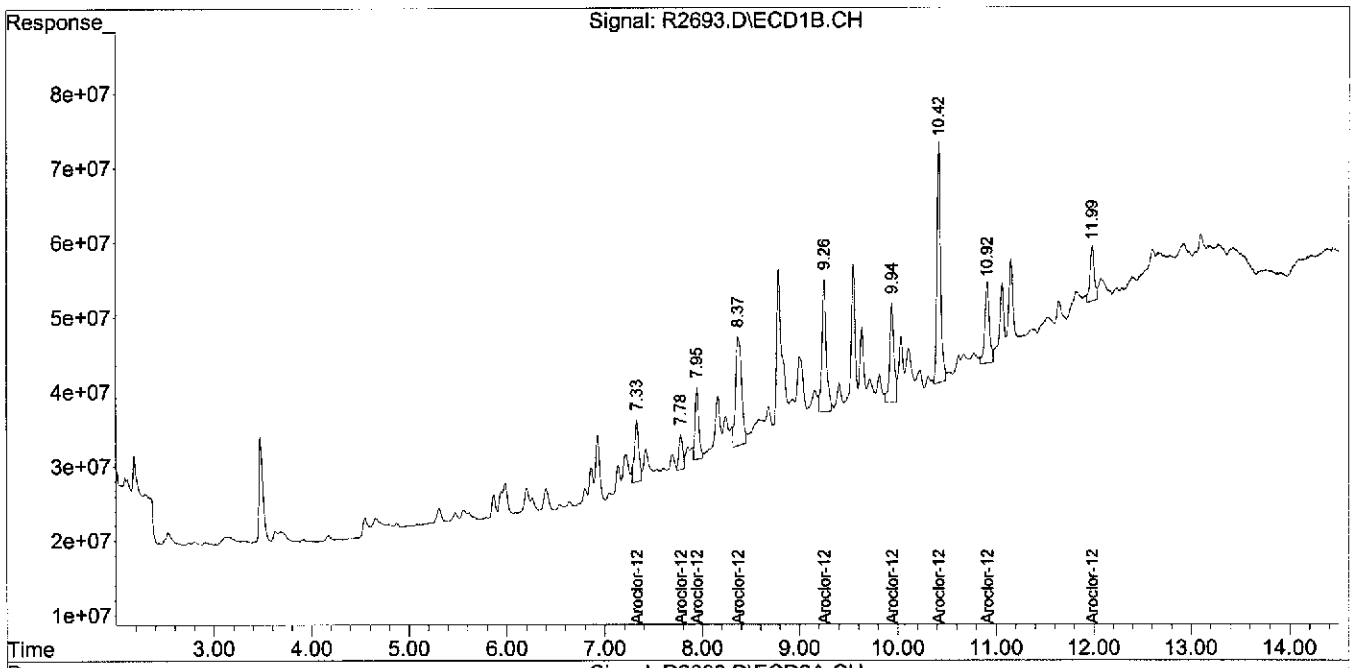
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

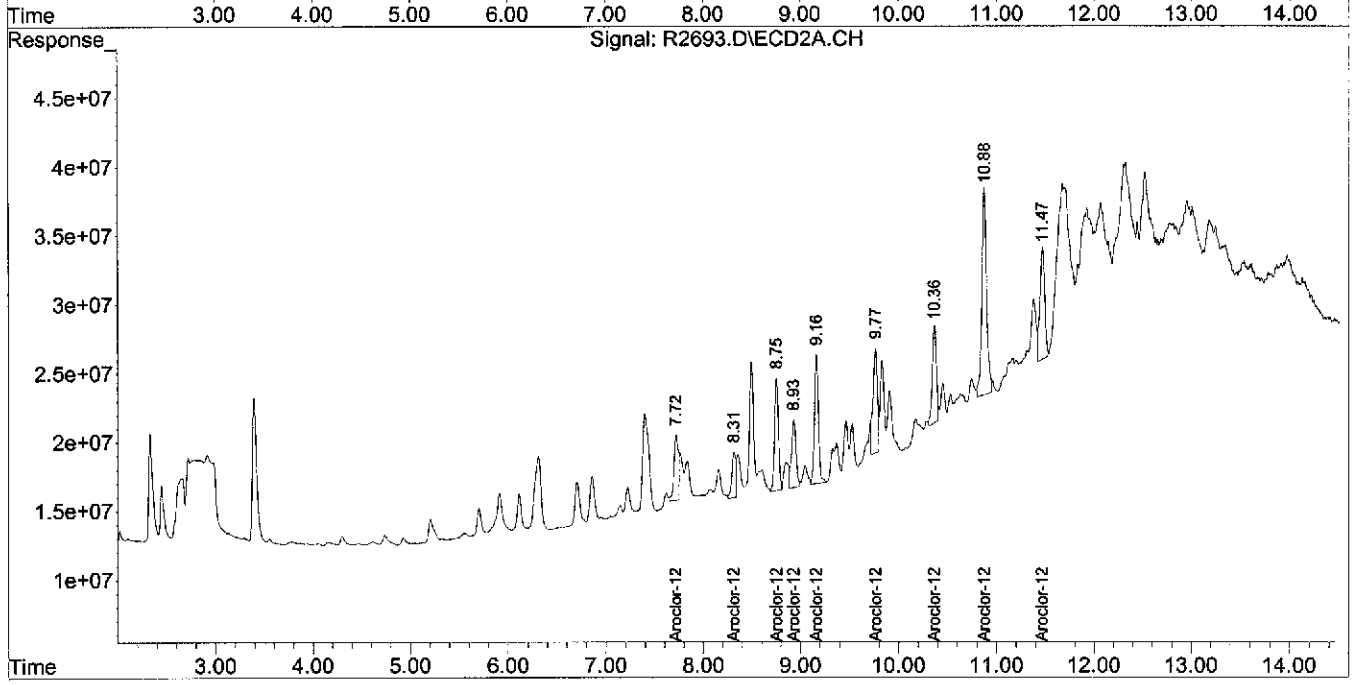
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2693.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 15:59
Operator : YG
Sample : X-30_(0-2.,07431-067,S,5.43g,15.0,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,100
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:26:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2694.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 16:17
Operator : YG
Sample : X-30_(2.0-,07431-068,S,5.22g,64.6,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:28:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.41	22766.3E6	18106.3E6	132.503	125.782
Spiked Amount 200.000			Recovery	=	66.25%	62.89%
2) S DCB	13.10	13.18	6256.7E6	3331.1E6	107.182m	83.162m
Spiked Amount 200.000			Recovery	=	53.59%	41.58%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

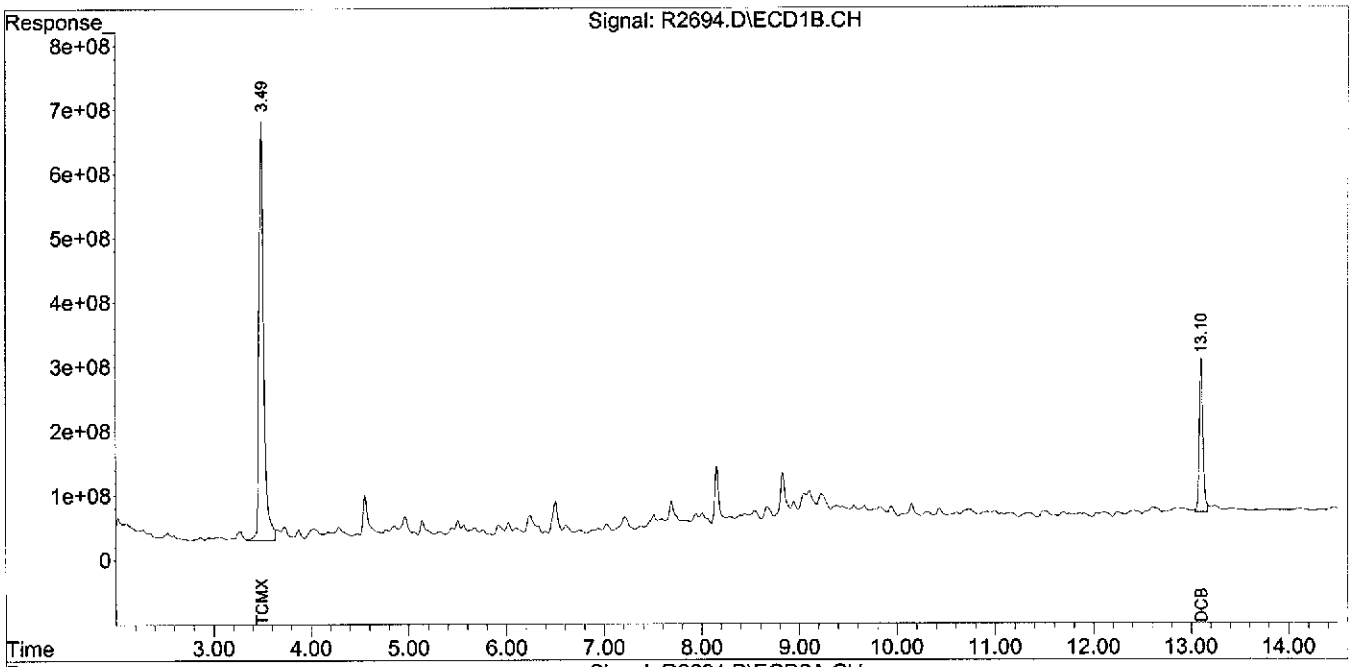
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

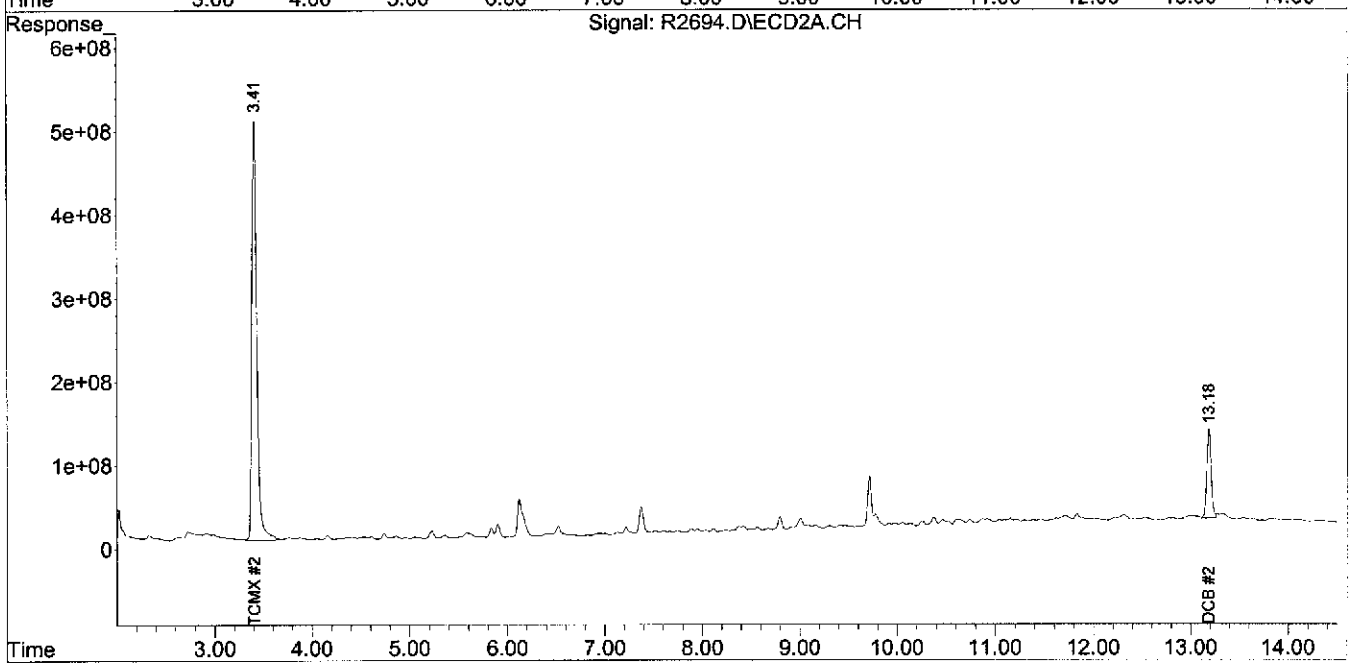
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2694.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 16:17
Operator : YG
Sample : X-30_(2.0-,07431-068,S,5.22g,64.6,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 51 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:28:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2695.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 16:34
Operator : YG
Sample : X-30_(3.5-,07431-069,S,5.10g,73.1,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:29:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	36944.8E6	29468.6E6	215.023	204.714
Spiked Amount 200.000			Recovery	=	107.51%	102.36%
2) S DCB	13.10	13.18	7574.0E6	4000.3E6	129.749m	99.869m
Spiked Amount 200.000			Recovery	=	64.87%	49.93%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

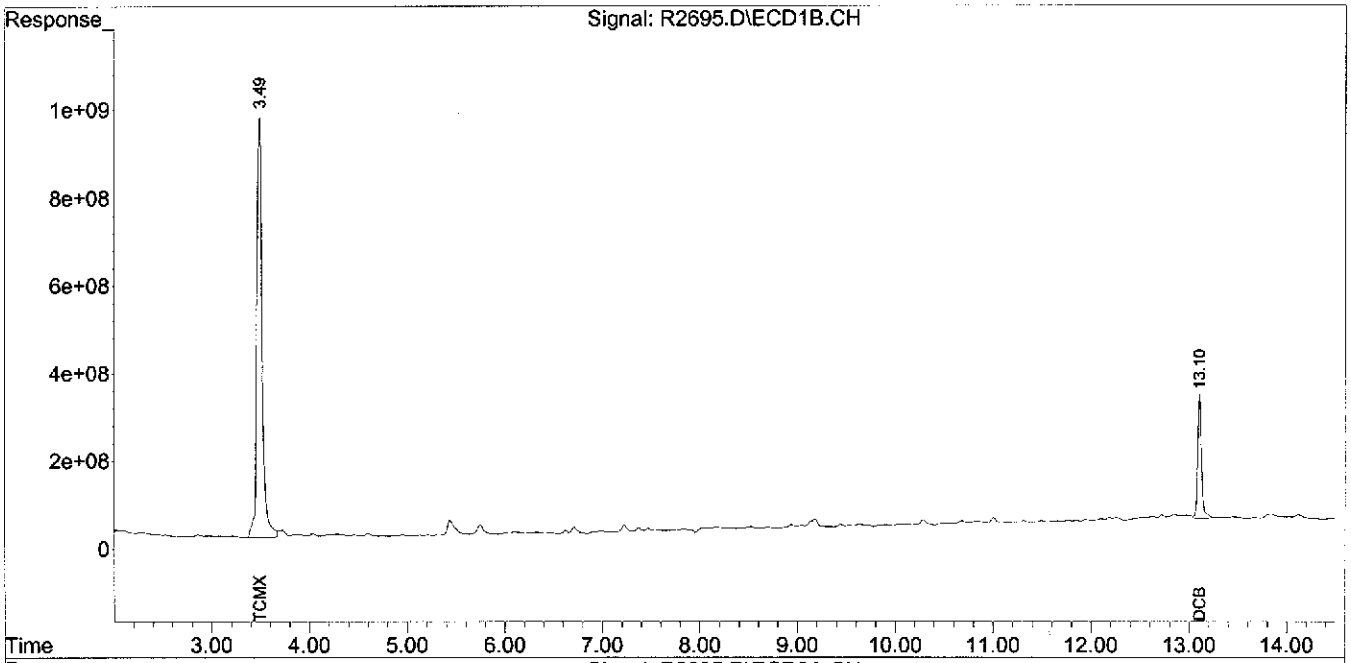
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

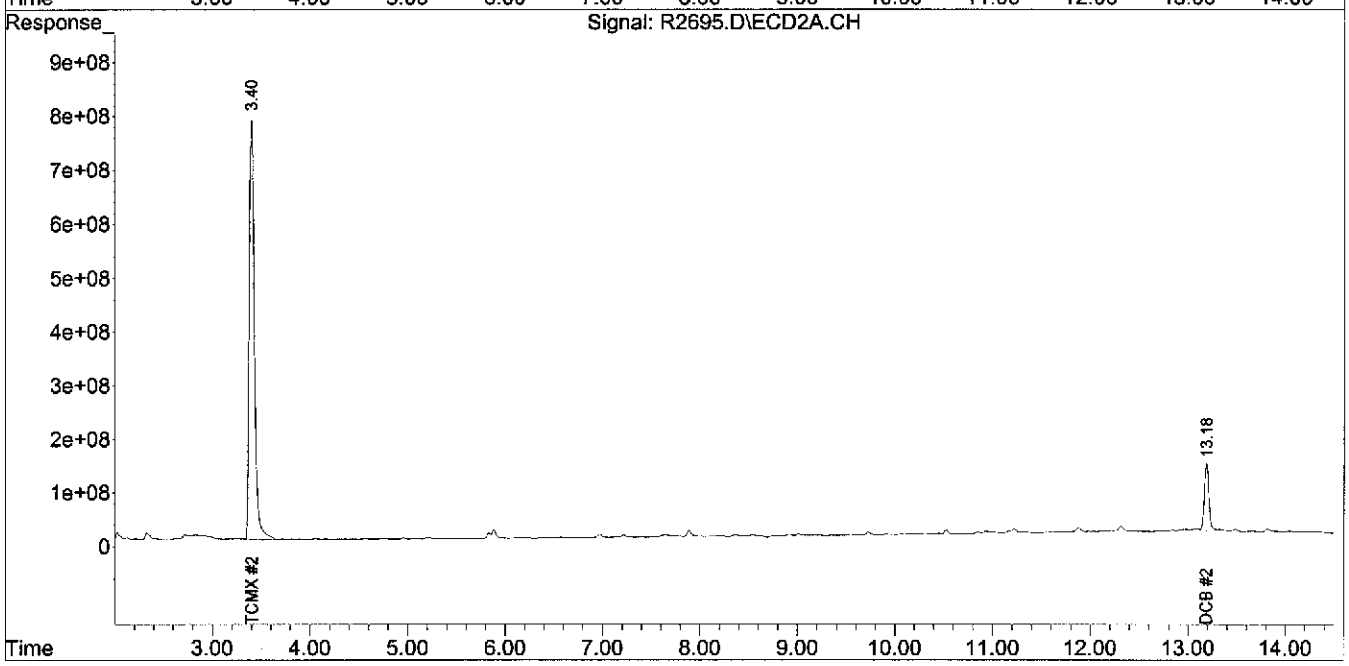
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2695.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 16:34
Operator : YG
Sample : X-30_(3.5-,07431-069,S,5.10g,73.1,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 52 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:29:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2696.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 16:52
Operator : YG
Sample : X-30_(4.25,07431-070,S,5.27g,20.5,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:29:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	43046.9E6	34251.2E6	250.538	237.938
Spiked Amount 200.000			Recovery	=	125.27%	118.97%
2) S DCB	13.10	13.18	6882.5E6	4278.9E6	117.903m	106.824m
Spiked Amount 200.000			Recovery	=	58.95%	53.41%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

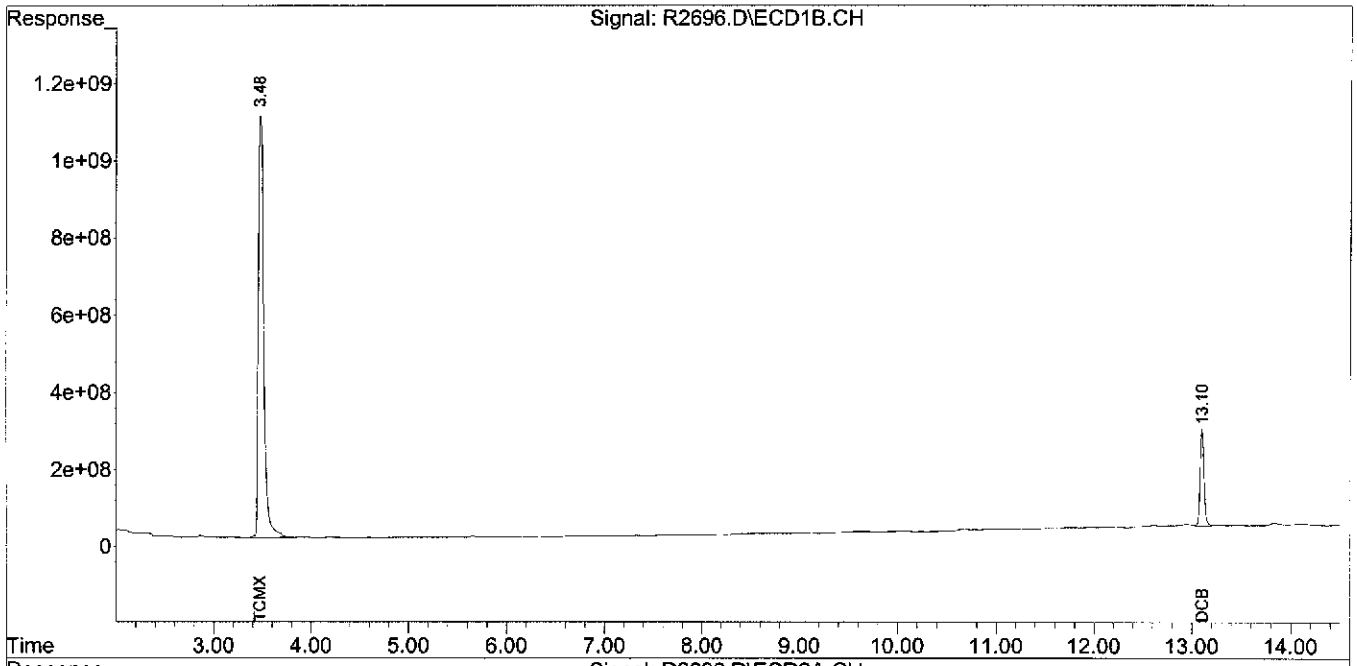
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

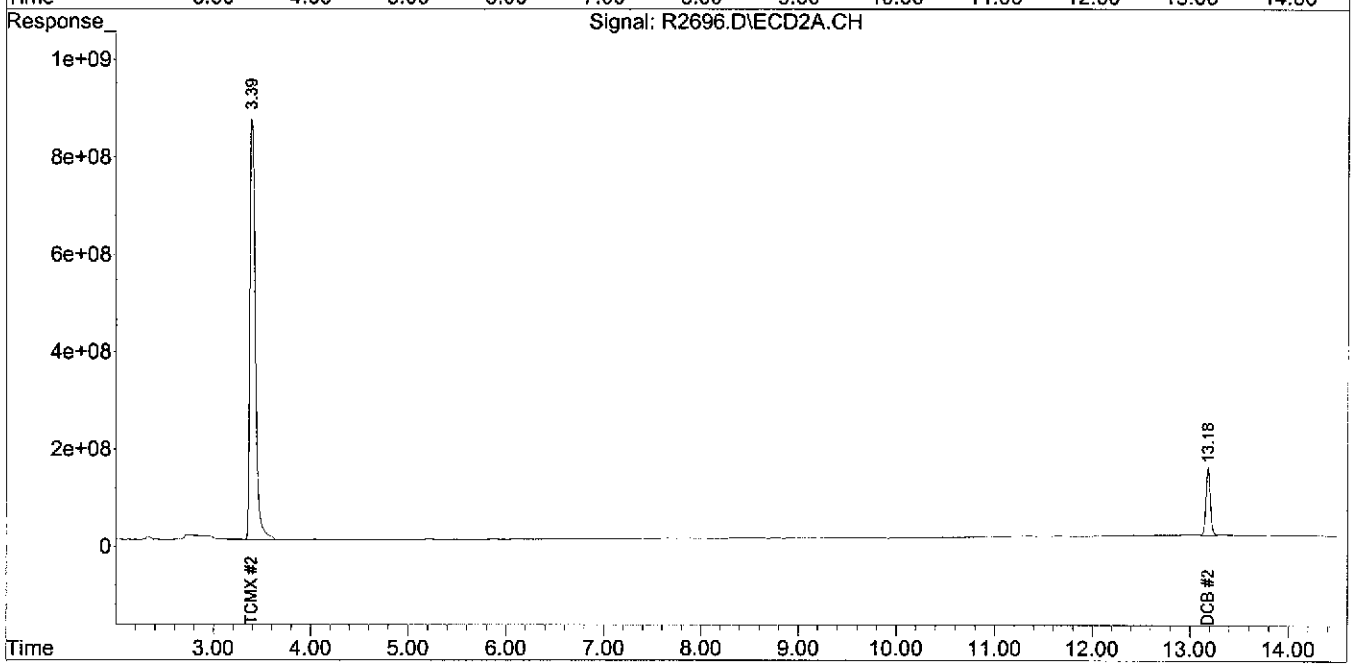
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2696.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 16:52
Operator : YG
Sample : X-30_(4.25,07431-070,S,5.27g,20.5,08/01/12,4
Misc : 120801-08,07/24/12,07/24/12,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:29:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120726-07
Client ID: PCB
Date Received: NA
Date Extracted: 07/26/2012
Date Analyzed: 07/31/2012
Data file: Y7718.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-31-12\
Data File : Y7718.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 31 Jul 2012 20:06
Operator : IB
Sample : PCB,BLKA120726-07,A,1000ml,100,07/26/12,1
Misc : NA,NA,NA,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 10:01:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23407.6E6	8097.6E6	246.213	231.675
Spiked Amount 200.000			Recovery	=	123.11%	115.84%
2) S DCB	12.11	12.50	3072.8E6	1433.1E6	149.105	166.766
Spiked Amount 200.000			Recovery	=	74.55%	83.38%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

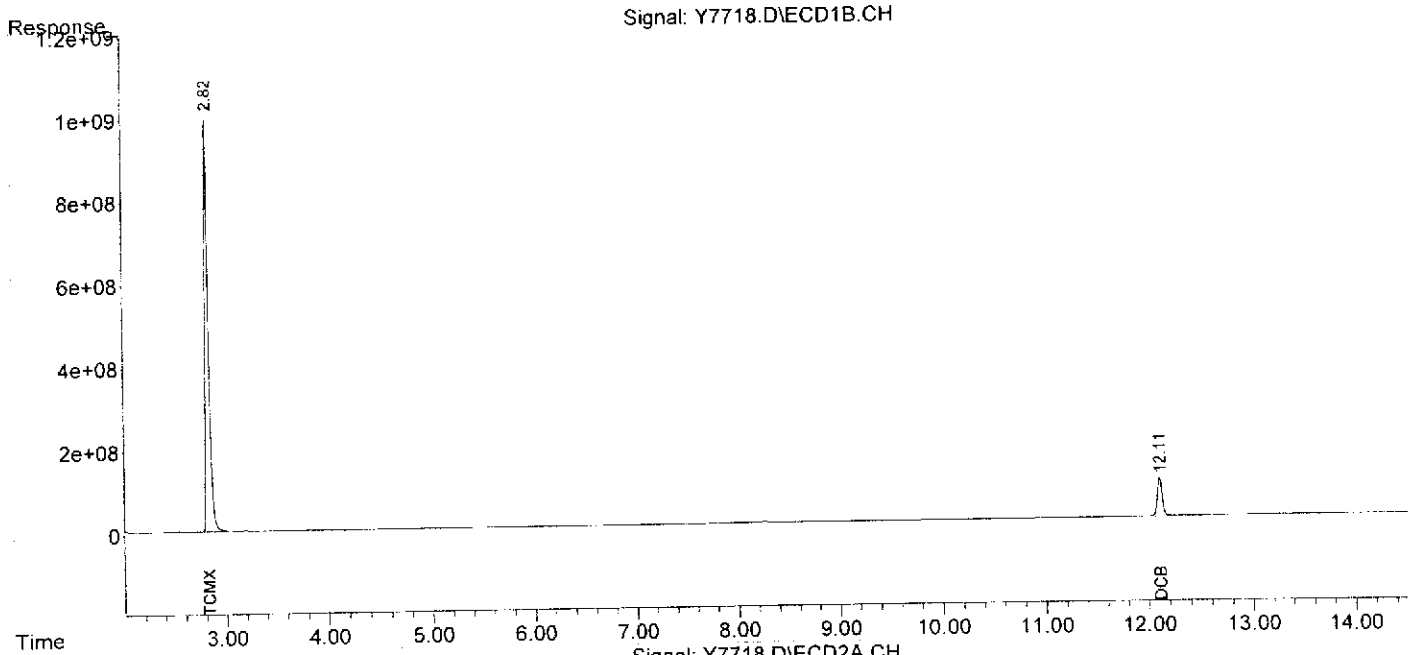
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

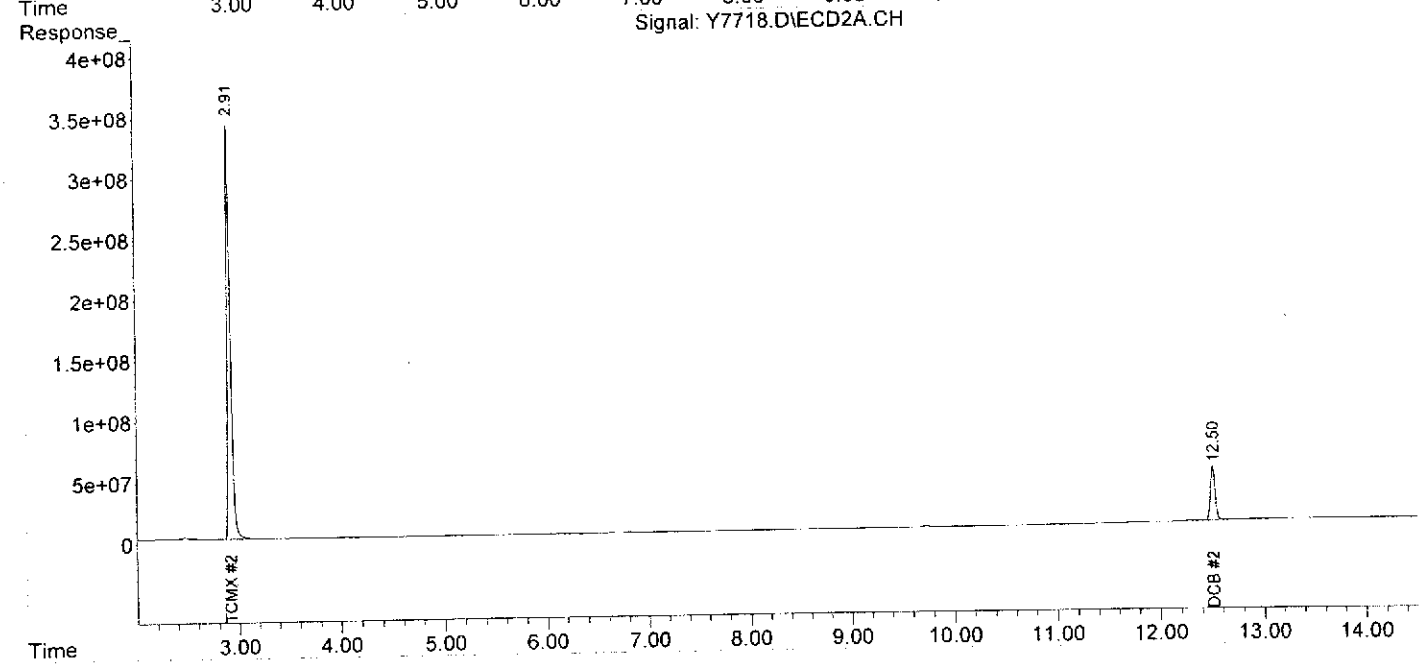
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-31-12\
Data File : Y7718.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 31 Jul 2012 20:06
Operator : IB
Sample : PCB,BLKA120726-07,A,1000ml,100,07/26/12,1
Misc : NA,NA,NA,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 10:01:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120730-09
Client ID: PCB
Date Received: NA
Date Extracted: 07/30/2012
Date Analyzed: 08/02/2012
Data file: Y7840.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7840.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 Aug 2012 22:54
Operator : YG
Sample : PCB,BLKS120730-09,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:19:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21251.6E6	7067.8E6	223.535	202.211
Spiked Amount 200.000			Recovery	=	111.77%	101.11%
2) S DCB	12.10	12.50	3128.2E6	1282.5E6	151.795	149.239m
Spiked Amount 200.000			Recovery	=	75.90%	74.62%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

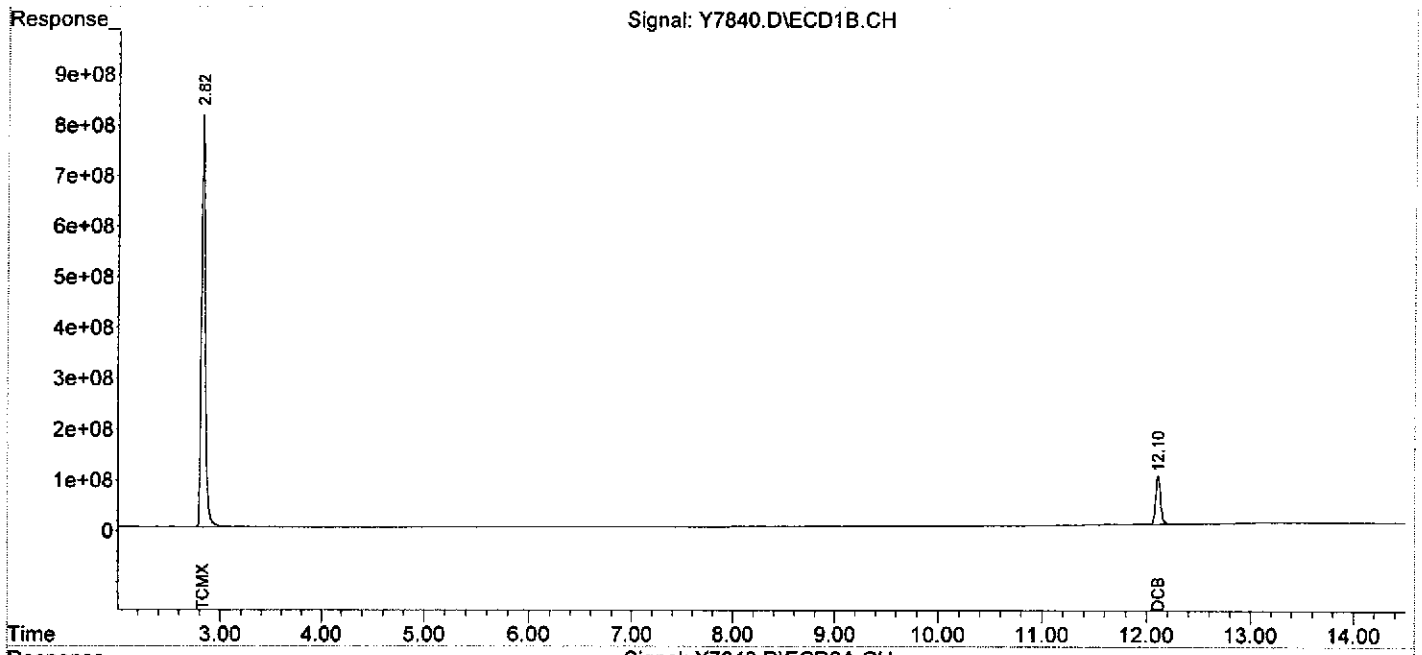
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

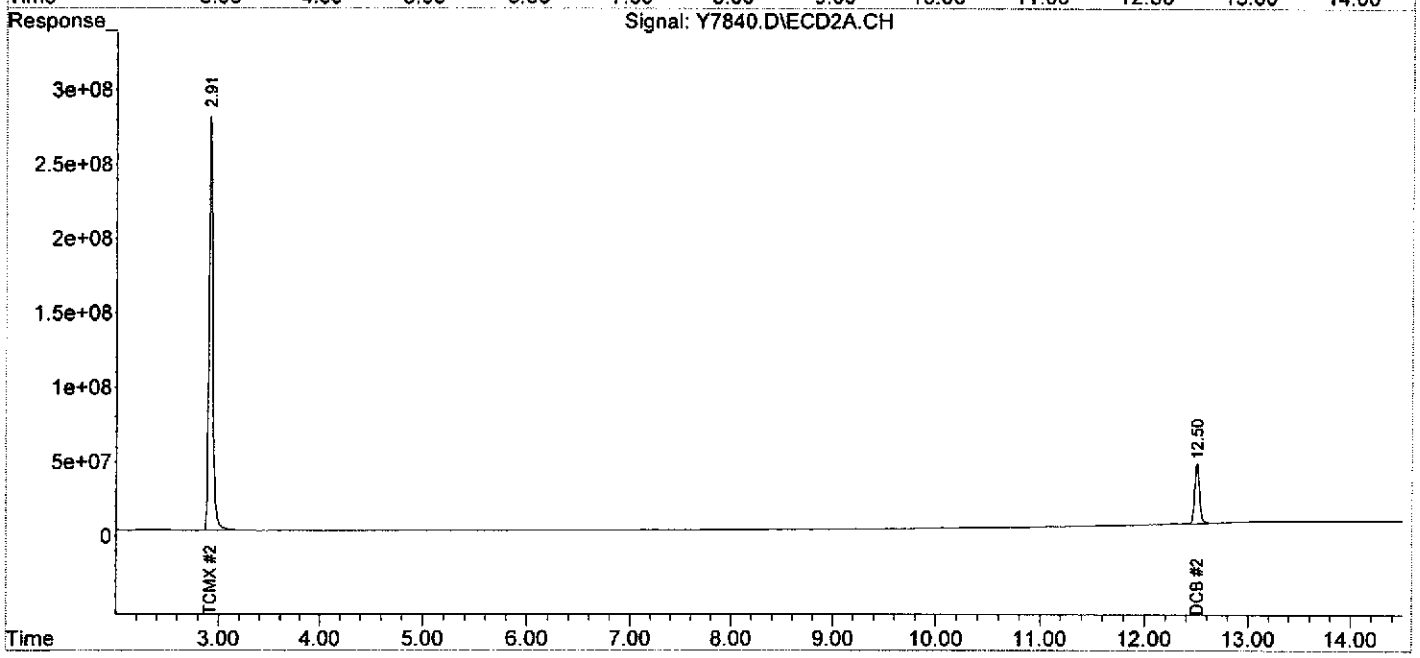
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7840.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 Aug 2012 22:54
Operator : YG
Sample : PCB,BLKS120730-09,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:19:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120801-07
Client ID: PCB
Date Received: NA
Date Extracted: 08/01/2012
Date Analyzed: 08/07/2012
Data file: Y8100.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8100.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:41
Operator : YG
Sample : PCB,BLKS120801-07,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 07 13:12:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.92	18588.6E6	6501.0E6	195.524	185.994
Spiked Amount 200.000			Recovery	=	97.76%	93.00%
2) S DCB	12.11	12.50	2056.5E6	896.4E6	99.791m	104.314m
Spiked Amount 200.000			Recovery	=	49.90%	52.16%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

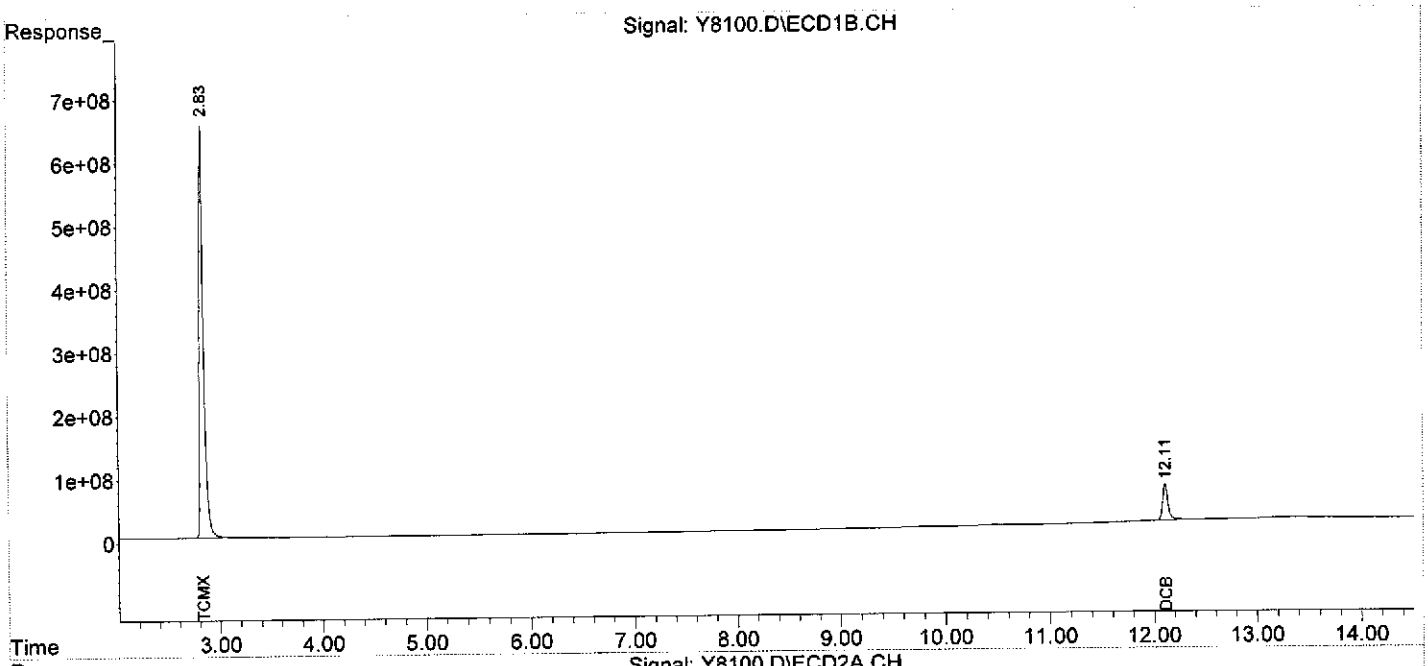
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

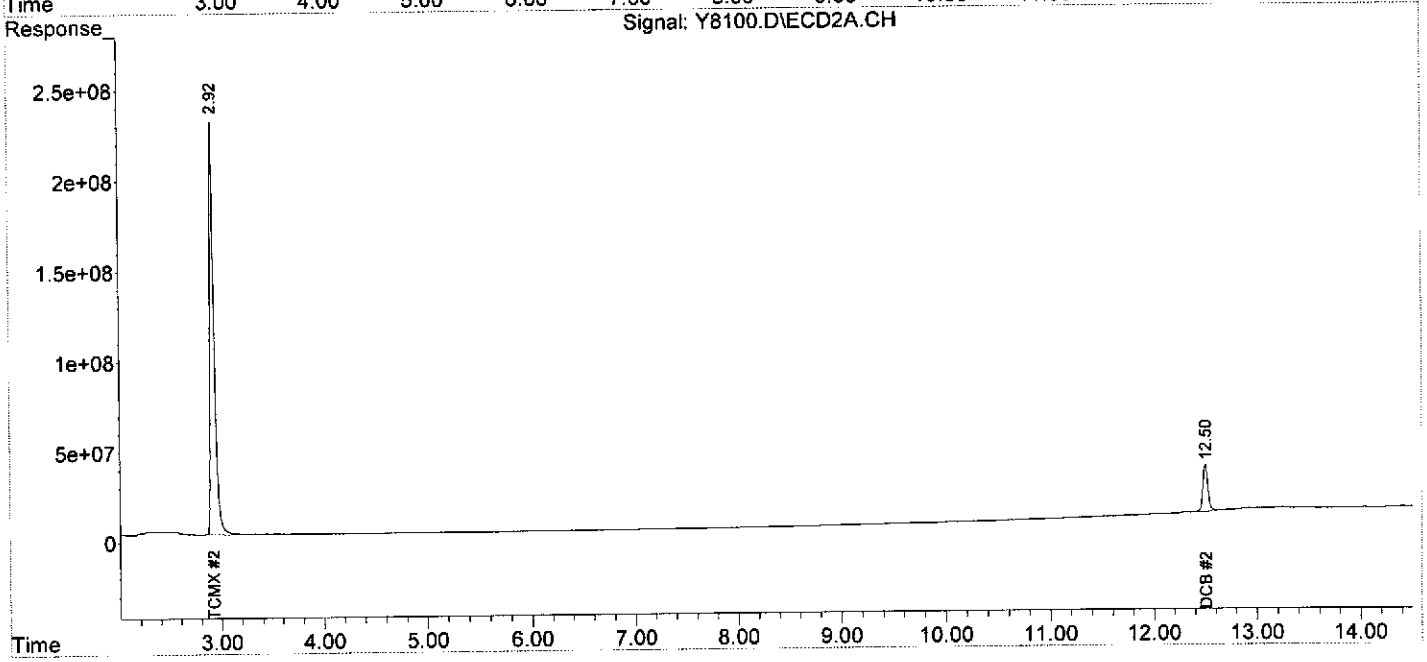
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : Y8100.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:41
Operator : YG
Sample : PCB,BLKS120801-07,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 07 13:12:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120730-10
Client ID: PCB
Date Received: NA
Date Extracted: 07/30/2012
Date Analyzed: 08/08/2012
Data file: R2554.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2554.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 4:39
Operator : YG
Sample : PCB,BLKS120730-10,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:14:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.39	44164.5E6	32021.8E6	257.043	222.451
Spiked Amount 200.000			Recovery	=	128.52%	111.23%
2) S DCB	13.10	13.18	7709.2E6	4794.0E6	132.066	119.684
Spiked Amount 200.000			Recovery	=	66.03%	59.84%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

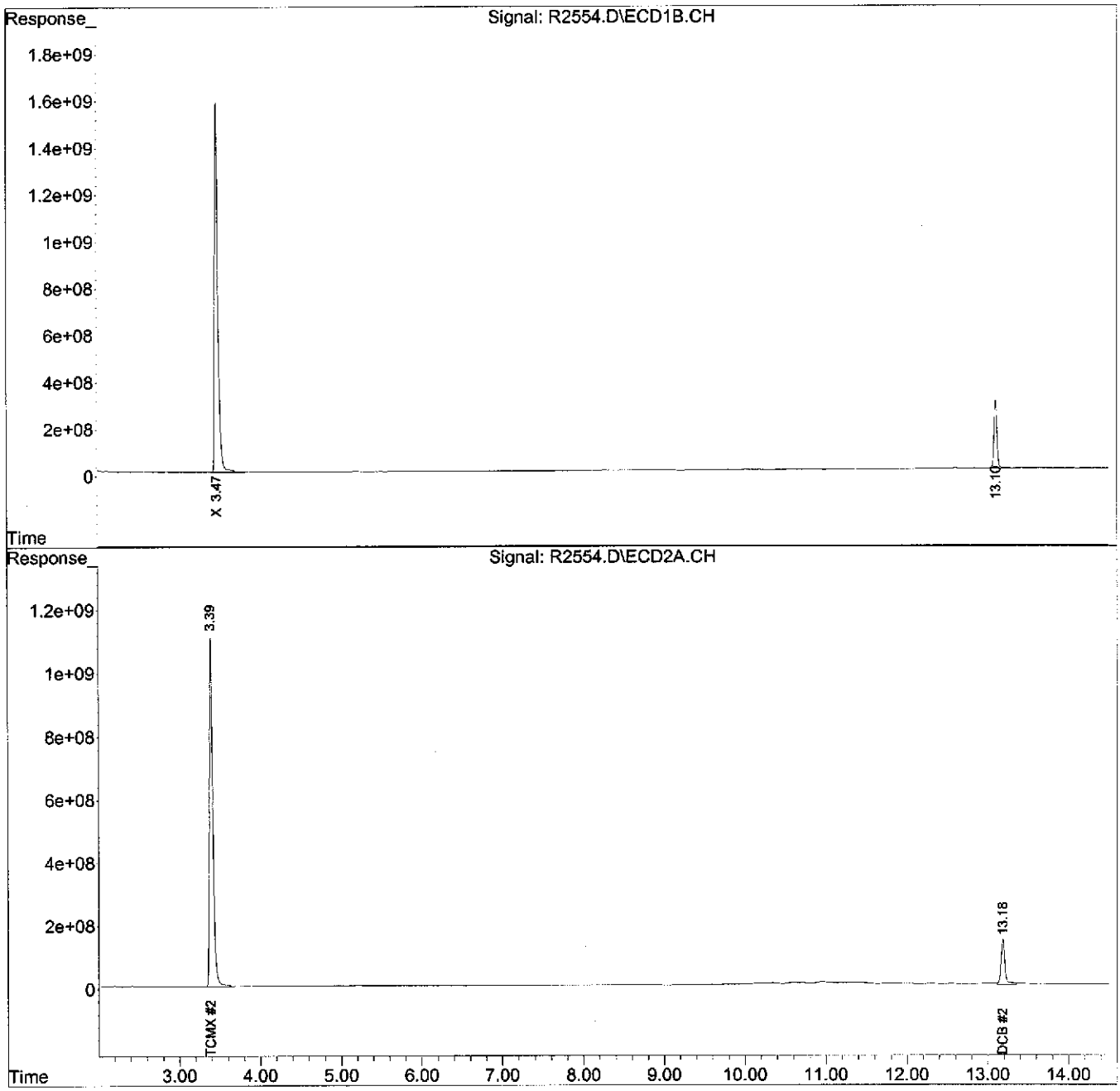
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2554.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 08 Aug 2012 4:39
Operator : YG
Sample : PCB,BLKS120730-10,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 10 14:14:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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



INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120730-11
Client ID: PCB
Date Received: NA
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: Y8214.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8214.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:05
Operator : YG
Sample : PCB,BLKS120730-11,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:49:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20744.2E6	7053.1E6	218.198	201.792
Spiked Amount 200.000			Recovery	=	109.10%	100.90%
2) S DCB	12.10	12.50	4295.8E6	1771.8E6	208.452	206.180m
Spiked Amount 200.000			Recovery	=	104.23%	103.09%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

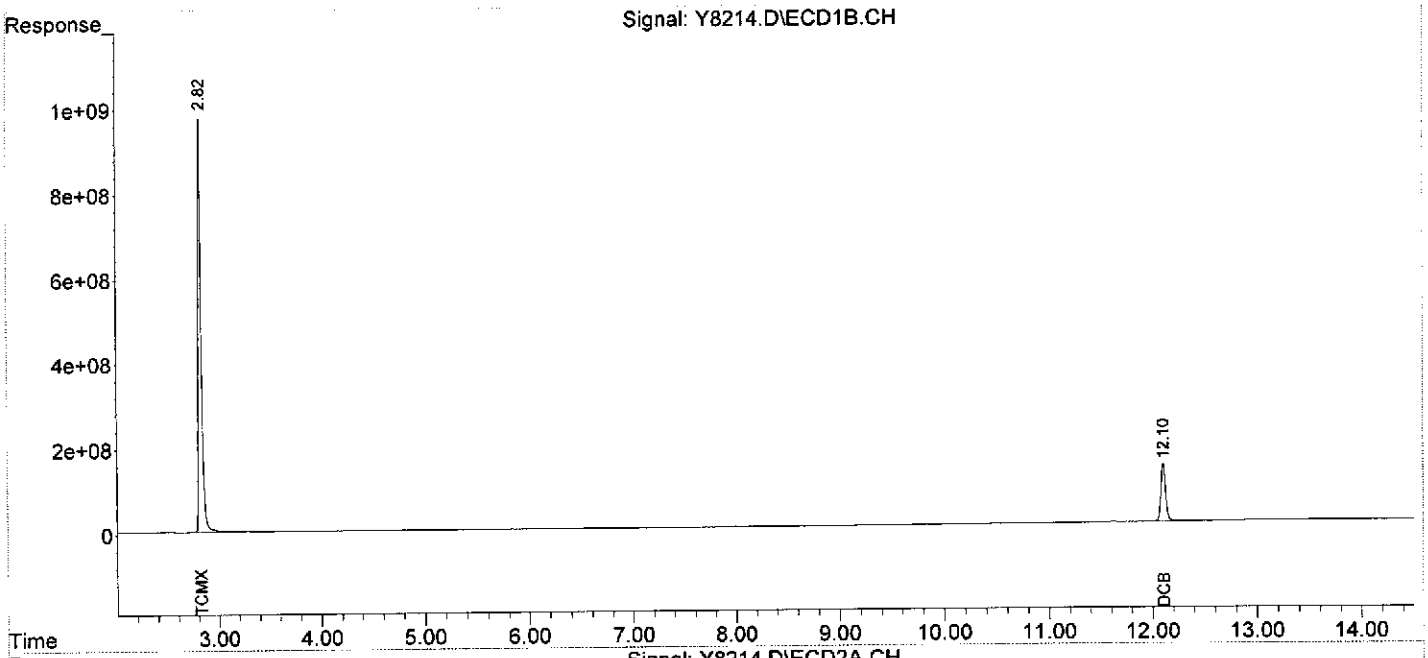
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

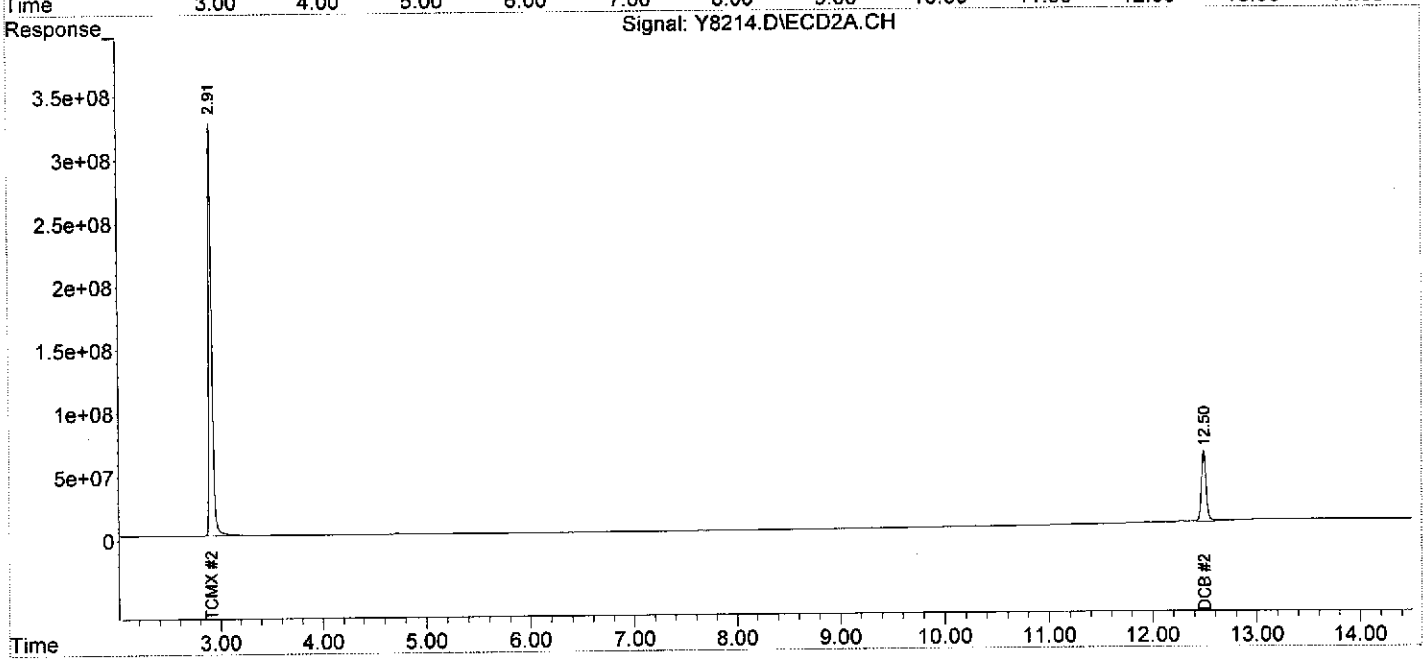
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-08-12\
Data File : Y8214.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 4:05
Operator : YG
Sample : PCB,BLKS120730-11,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 13:49:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120801-08
Client ID: PCB
Date Received: NA
Date Extracted: 08/01/2012
Date Analyzed: 08/10/2012
Data file: R2678.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2678.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:05
Operator : YG
Sample : PCB,BLKS120801-08,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:18:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	40236.5E6	31395.9E6	234.181	218.103
Spiked Amount 200.000			Recovery	=	117.09%	109.05%
2) S DCB	13.10	13.18	6964.7E6	4843.8E6	119.312	120.926
Spiked Amount 200.000			Recovery	=	59.66%	60.46%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

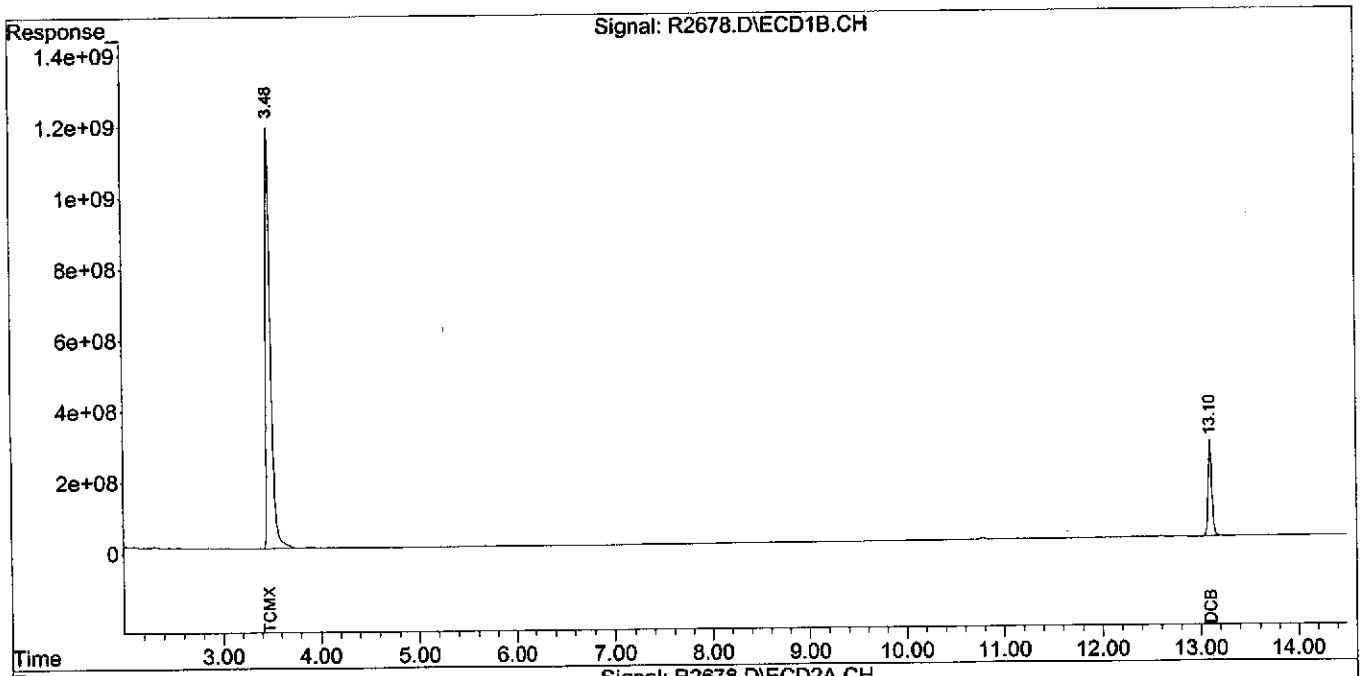
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

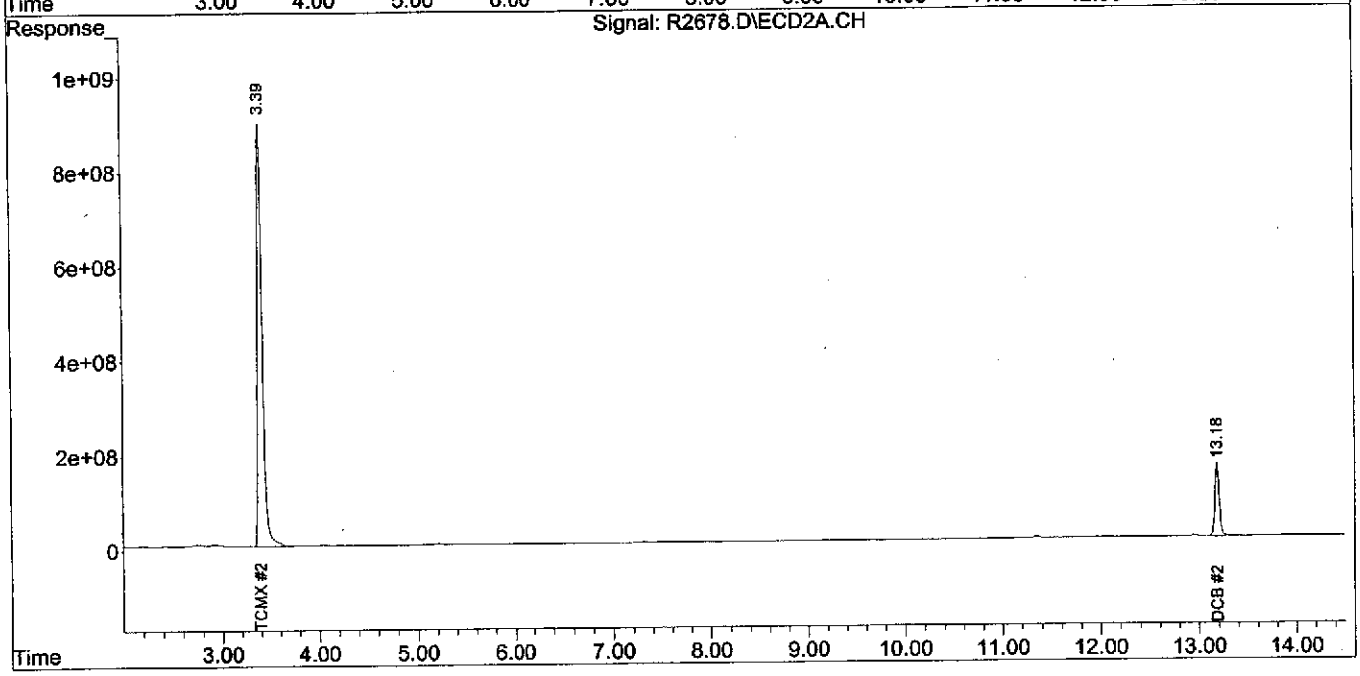
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-10-12\
Data File : R2678.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 10 Aug 2012 11:05
Operator : YG
Sample : PCB,BLKS120801-08,S,5.00g,0,08/01/12,4
Misc : NA,NA,NA,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 13 10:18:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





SAMPLE TRACKING

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869
Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NAOH/ZNAc	Sterile
X-32 (0-2.0')		7/24/12	8:59	S	1	1	X						
X-32 (2.0-3.0')			9:00	S	1	2	X						
X-32 (3.0-4.0')			9:01	S	1	3	X						
X-32 (4.0-4.75')			9:02	S	1	4	X						
X-32 (4.75-6.0')			9:03	S	1	5	X						
X-31 (0-2.0')			9:27	S	1	6	X						
X-31 (2.0-4.0')			9:28	S	1	7	X						
X-31 (4.0-4.75')			9:29	S	1	8	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/24/12	1523	Received by:	7/24/12	15:35
Relinquished by:	7/24/12	17:00	Received by:	7/24/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 1 of 9

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10/2010 rev

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Azsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041285	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) — NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) — QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):

Hard Copy: Std 3 week * — Other - call for price

Rush TAT Charge**: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP Secured; Lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOIL - Solid W - Wipe

ANALYTICAL PARAMETERS — # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NAOH/ZNAc	Slush
X-31 (4.75-6.0')		7/24/12	9:29	S	1	9	x						
X-31 (6.0'-8.0')		↓	9:30	S	1	10	x						
X-29 (0-2.0')		↓	10:20	S	1	11	x						
X-29 (2.0-3.0')		↓	10:21	S	1	12	x						
X-29 (3.0'-4.0')		↓	10:22	S	1	13	x						
X-29 (4.0'-6.0')		↓	10:23	S	1	14	x						
X-34 (0-2.0')		↓	10:42	S	1	15	x						
X-34 (2.0'-3.0')		✓	10:43	S	1	16	x						

Known Hazard: Yes or No Describe: — Conc. Expected: Low Med High — MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/24/12	1531	Received by:	7/24/12	1534
Relinquished by:	7/24/12	17:00	Received by:	7/24/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 2 of 9

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I12-07431

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IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-6286
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Koach	Port Washington, NY 11050	
Project Name: Anynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE		Rush TAT Charge **	Report Format	EDDs
NJ EPH DRO (5 day TAT)	NJ EPH Fractionated (5 day TAT)	24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%	Results Only	SRP format
NJ EPH - C40 (5 day TAT)			Reduced	lab approved custom EDD
DRO-8015 (3-5 day TAT)	QAM025 (5 day TAT)		Regulatory - 15% Surcharge applies	NO EDD/CD REQ'D
Verbal/Fax: Std 2 wk unless otherwise specified			Other (describe)	
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**			Cooler Temp <4 11 °C	
Other** (specify):				
Hard Copy: Std 3 week *	Other - call for price			

SAMPLE INFORMATION

Sample Matrix
DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NAOH/ZNAc	Sterile
X-34 (3.0'-4.0')		7/24/12	10:44	S	1	17	X						
X-34 (4.0-6.0')			10:45	S	1	18	X						
X-35 (0-1.5')			11:03	S	1	19	X						
X-35 (2.0'-3.25')			11:04	S	1	20	X						
X-35 (3.25'-4.0')			11:05	S	1	21	X						
X-35 (4.0'-6.0')			11:06	S	1	22	X						
X-37 (0-2.0)			11:57	S	1	23	X						
X-37 (2.0-4.0)			11:58	S	1	24	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/24/12	15:34	Received by:	7/24/12	15:34
Relinquished by:	7/24/12	17:00	Received by:	7/24/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 3 of 9

12-07431

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Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869
Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4___ °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	HNO4	NAOH/ZNAc	Sterile
X-37 (4.0'-4.75')		7/24/12	11:59	S	1	25	x						
X-37 (4.75-6.0')			12:00	S	1	26	x						
Y-37 (0-2.0')			12:11	S	1	27	x						
Y-37 (2.0'-2.75')			12:12	S	1	28	x						
Y-37 (2.75'-4.0')			12:13	S	1	29	x						
Y-37 (4.0'-6.0')			12:14	S	1	30	x						
U-36 (0-2.0')			1:09	S	1	31	x						
U-36 (2.0-4.0')			1:10	S	1	32	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

 # BOTTLES & PRESERVATIVES

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: [signature]	7/24/12	15:34	Received by: [signature]	7/24/12	15:34
Relinquished by: [signature]	7/24/12	17:00	Received by: [signature]	7/24/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 4 of 9

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F12-07431

0348

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IAL Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869
Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **	Report Format	EDDs
24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%	Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)	SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4 4 °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZnAc	Sterile
U-36 (4.0'-5.0')		7/24/12	1:11	S	1	33	x						
U-36 (5.0'-6.0')			1:12	S	1	34	x						
U-37 (0-2.0')			1:32	S	1	35	x						
U-37 (2.0'-3.0')			1:33	S	1	36	x						
U-37 (3.0'-4.0')			1:34	S	1	37	x						
U-37 (4.0'-5.25')			1:35	S	1	38	x						
U-37 (5.25'-6.0')			1:36	S	1	39	x						
U-38 (0-1.75')			1:51	S	1	40	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Unquished by: [signature]	7/24/12	1534	Received by: [signature]	7/24/12	1534
Unquished by: [signature]	7/24/12	1700	Received by: [signature]	7/24/12	1700
Unquished by:			Received by:		
Unquished by:			Received by:		
Unquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 5 of 9

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Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Assynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE:
NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-9015 (3-5 day TAT) QAM025 (5 day TAT)
Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix
DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NaOH/ZNAc	Sterile
U-38 (2.0'-4.0')		7/24/12	1:52	S	1	41	x						
U-38 (4.0-4.5')			1:53	S	1	42	x						
U-38 (4.5'-5.25')			1:54	S	1	43	x						
U-38 (5.25-6.0')			1:55	S	1	44	x						
T-38 (0-2.0')			2:07	S	1	45	x						
T-38 (2.0-4.0')			2:08	S	1	46	x						
T-38 (4.0'-5.0')			2:09	S	1	47	x						
T-38 (5.0'-6.0')		✓	2:11	S	1	48	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/24/12	15:34	Received by:	7/24/12	15:34
Relinquished by:	7/24/12	17:00	Received by:	7/24/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 6 of 9

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CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
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Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4 4 °C

Sample Matrix

DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	ANALYTICAL PARAMETERS	# BOTTLES & PRESERVATIVES: HCL	HNO3	MeOH	H2SO4	NaOH/ZnAc	Sterile
T-37 (0-2.0')		7/24/12	2:21	S	1	49	x							
T-37 (2.0'-4.0')			2:22	S	1	50	x							
T-37 (4.0'-6.0')			2:23	S	1	51	x							
T-37 (6.0'-7.0')			2:24	S	1	52	x							
T-37 (7.0'-8.0')			2:25	S	1	53	x							
T-36 (0-2.0')			2:34	S	1	54	x							
T-36 (2.0'-4.0')			2:35	S	1	55	x							
T-36 (4.0'-4.5')			2:37	S	1	56	x							

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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Relinquished by: [signature]	7/24/12	17:00	Received by: [signature]	7/24/12	17:00
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 7 of 9

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CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmceenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Allen Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

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PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

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DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

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24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

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Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; Lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4___ °C

ANALYTICAL PARAMETERS

 # BOTTLES & PRESERVATIVES

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water; OI - Oil LIQ - Liquid (Specify) OT - Other (Specify); S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NaOH/ZNAc	Sterile
T-36 (4.5-6.0)		7/24/12	2:37	S	1	57	X						
S-36 (0-2.0')			2:50	S	1	58	X						
S-36 (2.0'-4.0')			2:51	S	1	59	X						
S-36 (4.0'-5.0')			2:52	S	1	60	X						
S-36 (5.0-6.0)			2:53	S	1	61	X						
S-37 (0-2.0')			3:07	S	1	62	X						
S-37 (2.0'-4.0')			3:08	S	1	63	X						
S-37 (4.0'-5.0')			3:09	S	1	64	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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Carrier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/24/12	15:30	Received by:	7/24/12	15:30
Relinquished by:	7/24/12	17:00	Received by:	7/24/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 8 of 9

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273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
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Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
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Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
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NJ EPH DRO (5 day TAT) — NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) — QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):

Hard Copy: Std 3 week * — Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp 4 °C

Sample Matrix
DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NaOH/ZnAc	Sterile
S-37 (5.0'-6.0')		7/24/12	3:10	S	1	65	x						
FB-19			3:15	AQ	2	66	x						
X-30 (0-2.0')			9:58	S	1	67	x						
X-30 (2.0-3.5')			9:59	S	1	68	x						
X-30 (3.5'-4.25')			10:00	S	1	69	x						
X-30 (4.25'-6.0')			10:01	S	1	70	x						
							x						
							x						

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/24/12	1524	Received by:	7/24/12	1524
Relinquished by:	7/24/12	17:00	Received by:	7/24/12	1700
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07431

PAGE: 9 of 9

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PROJECT INFORMATION

E12-07431

Case No. E12-07431 **Project** ARSYNCO

Customer	JMC Environmental Consultants	**P.O. #**	
Contact	Jim Clabby	**Received**	7/24/2012 17:00
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co tadams@jmcenvironmental.com	☑ EMail EDDs	**Verbal Due** 8/8/2012
Phone	(732) 295-2144 **Fax** (732) 295-2150		**Report Due** 8/15/2012

Report To	**Bill To**
2109 Bridge Avenue	Aceto Corp.
Building B	4 Tri Harbor Court
Point Pleasant, NJ 08742	Port Washington, NY 11050
Attn: Jim Clabby	Attn: Mr. Ed Kelly

Report Format **Reduced**

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
07431-001	X-32 (0-2.0)	0 / 2	7/24/2012@08:59	Soil	mg/Kg	1
07431-002	X-32 (2.0-3.0)	2 / 3	7/24/2012@09:00	Soil	mg/Kg	1
07431-003	X-32 (3.0-4.0)	3 / 4	7/24/2012@09:01	Soil	mg/Kg	1
07431-004	X-32 (4.0-4.75)	4 / 4.75	7/24/2012@09:02	Soil	mg/Kg	1
07431-005	X-32 (4.75-6.0)	4.75 / 6	7/24/2012@09:03	Soil	mg/Kg	1
07431-006	X-31 (0-2.0)	0 / 2	7/24/2012@09:27	Soil	mg/Kg	1
07431-007	X-31 (2.0-4.0)	2 / 4	7/24/2012@09:28	Soil	mg/Kg	1
07431-008	X-31 (4.0-4.75)	4 / 4.75	7/24/2012@09:29	Soil	mg/Kg	1
07431-009	X-31 (4.75-6.0)	4.75 / 6	7/24/2012@09:29	Soil	mg/Kg	1
07431-010	X-31 (6.0-8.0)	6 / 8	7/24/2012@09:30	Soil	mg/Kg	1
07431-011	X-29 (0-2.0)	0 / 2	7/24/2012@10:20	Soil	mg/Kg	1
07431-012	X-29 (2.0-3.0)	2 / 3	7/24/2012@10:21	Soil	mg/Kg	1
07431-013	X-29 (3.0-4.0)	3 / 4	7/24/2012@10:22	Soil	mg/Kg	1
07431-014	X-29 (4.0-6.0)	4 / 6	7/24/2012@10:23	Soil	mg/Kg	1
07431-015	X-34 (0-2.0)	0 / 2	7/24/2012@10:42	Soil	mg/Kg	1
07431-016	X-34 (2.0-3.0)	2 / 3	7/24/2012@10:43	Soil	mg/Kg	1
07431-017	X-34 (3.0-4.0)	3 / 4	7/24/2012@10:44	Soil	mg/Kg	1
07431-018	X-34 (4.0-6.0)	4 / 6	7/24/2012@10:45	Soil	mg/Kg	1
07431-019	X-35 (0-1.5)	0 / 1.5	7/24/2012@11:03	Soil	mg/Kg	1
07431-020	X-35 (2.0-3.25)	2 / 3.25	7/24/2012@11:04	Soil	mg/Kg	1
07431-021	X-35 (3.25-4.0)	3.25 / 4	7/24/2012@11:05	Soil	mg/Kg	1
07431-022	X-35 (4.0-6.0)	4 / 6	7/24/2012@11:06	Soil	mg/Kg	1
07431-023	X-37 (0-2.0)	0 / 2	7/24/2012@11:57	Soil	mg/Kg	1
07431-024	X-37 (2.0-4.0)	2 / 4	7/24/2012@11:58	Soil	mg/Kg	1
07431-025	X-37 (4.0-4.75)	4 / 4.75	7/24/2012@11:59	Soil	mg/Kg	1
07431-026	X-37 (4.75-6.0)	4.75 / 6	7/24/2012@12:00	Soil	mg/Kg	1
07431-027	Y-37 (0-2.0)	0 / 2	7/24/2012@12:11	Soil	mg/Kg	1
07431-028	Y-37 (2.0-2.75)	2 / 2.75	7/24/2012@12:12	Soil	mg/Kg	1
07431-029	Y-37 (2.75-4.0)	2.75 / 4	7/24/2012@12:13	Soil	mg/Kg	1

PROJECT INFORMATION

E12-07431

Case No. E12-07431 **Project** ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
07431-030	Y-37 (4.0-6.0)	4 / 6	7/24/2012@12:14	Soil	mg/Kg	1
07431-031	U-36 (0-2.0)	0 / 2	7/24/2012@13:09	Soil	mg/Kg	1
07431-032	U-36 (2.0-4.0)	2 / 4	7/24/2012@13:10	Soil	mg/Kg	1
07431-033	U-36 (4.0-5.0)	4 / 5	7/24/2012@13:11	Soil	mg/Kg	1
07431-034	U-36 (5.0-6.0)	5 / 6	7/24/2012@13:12	Soil	mg/Kg	1
07431-035	U-37 (0-2.0)	0 / 2	7/24/2012@13:32	Soil	mg/Kg	1
07431-036	U-37 (2.0-3.0)	2 / 3	7/24/2012@13:33	Soil	mg/Kg	1
07431-037	U-37 (3.0-4.0)	3 / 4	7/24/2012@13:34	Soil	mg/Kg	1
07431-038	U-37 (4.0-5.25)	4 / 5.25	7/24/2012@13:35	Soil	mg/Kg	1
07431-039	U-38 (5.25-6.0)	5.25 / 6	7/24/2012@13:36	Soil	mg/Kg	1
07431-040	U-38 (0-1.75)	0 / 1.75	7/24/2012@13:51	Soil	mg/Kg	1
07431-041	U-38 (2.0-4.0)	2 / 4	7/24/2012@13:52	Soil	mg/Kg	1
07431-042	U-38 (4.0-4.5)	4 / 4.5	7/24/2012@13:53	Soil	mg/Kg	1
07431-043	U-38 (4.5-5.25)	4.5 / 5.25	7/24/2012@13:54	Soil	mg/Kg	1
07431-044	U-38 (5.25-6.0)	5.25 / 6	7/24/2012@13:55	Soil	mg/Kg	1
07431-045	T-38 (0-2.0)	0 / 2	7/24/2012@14:07	Soil	mg/Kg	1
07431-046	T-38 (2.0-4.0)	2 / 4	7/24/2012@14:08	Soil	mg/Kg	1
07431-047	T-38 (4.0-5.0)	4 / 5	7/24/2012@14:09	Soil	mg/Kg	1
07431-048	T-38 (5.0-6.0)	5 / 6	7/24/2012@14:11	Soil	mg/Kg	1
07431-049	T-37 (0-2.0)	0 / 2	7/24/2012@14:21	Soil	mg/Kg	1
07431-050	T-37 (2.0-4.0)	2 / 4	7/24/2012@14:22	Soil	mg/Kg	1
07431-051	T-37 (4.0-6.0)	4 / 6	7/24/2012@14:23	Soil	mg/Kg	1
07431-052	T-37 (6.0-7.0)	6 / 7	7/24/2012@14:24	Soil	mg/Kg	1
07431-053	T-37 (7.0-8.0)	7 / 8	7/24/2012@14:25	Soil	mg/Kg	1
07431-054	T-36 (0-2.0)	0 / 2	7/24/2012@14:34	Soil	mg/Kg	1
07431-055	T-36 (2.0-4.0)	2 / 4	7/24/2012@14:35	Soil	mg/Kg	1
07431-056	T-36 (4.0-4.5)	4 / 4.5	7/24/2012@14:37	Soil	mg/Kg	1
07431-057	T-36 (4.5-6.0)	4.5 / 6	7/24/2012@14:37	Soil	mg/Kg	1
07431-058	S-36 (0-2.0)	0 / 2	7/24/2012@14:50	Soil	mg/Kg	1
07431-059	S-36 (2.0-4.0)	2 / 4	7/24/2012@14:51	Soil	mg/Kg	1
07431-060	S-36 (4.0-5.0)	4 / 5	7/24/2012@14:52	Soil	mg/Kg	1
07431-061	S-36 (5.0-6.0)	5 / 6	7/24/2012@14:53	Soil	mg/Kg	1
07431-062	S-37 (0-2.0)	0 / 2	7/24/2012@15:07	Soil	mg/Kg	1
07431-063	S-37 (2.0-4.0)	2 / 4	7/24/2012@15:08	Soil	mg/Kg	1
07431-064	S-37 (4.0-5.0)	4 / 5	7/24/2012@15:09	Soil	mg/Kg	1
07431-065	S-37 (5.0-6.0)	5 / 6	7/24/2012@15:10	Soil	mg/Kg	1
07431-066	FB-19	n/a	7/24/2012@15:15	Aqueous	mg/L	2
07431-067	X-30 (0-2.0)	0 / 2	7/24/2012@09:58	Soil	mg/Kg	1
07431-068	X-30 (2.0-3.5)	2 / 3.5	7/24/2012@09:59	Soil	mg/Kg	1
07431-069	X-30 (3.5-4.25)	3.5 / 4.25	7/24/2012@10:00	Soil	mg/Kg	1
07431-070	X-30 (4.25-6.0)	4.25 / 6	7/24/2012@10:01	Soil	mg/Kg	1

Sample #	Tests	Status	QA Method
001	TCL PCB	Run	8082

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PROJECT INFORMATION

E12-07431

Case No. E12-07431 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
002	TCL PCB	Run	8082
003	TCL PCB	Run	8082
004	TCL PCB	Run	8082
005	TCL PCB	Run	8082
006	TCL PCB	Run	8082
007	TCL PCB	Run	8082
008	TCL PCB	Run	8082
009	TCL PCB	Run	8082
010	TCL PCB	Run	8082
011	TCL PCB	Run	8082
012	TCL PCB	Run	8082
013	TCL PCB	Run	8082
014	TCL PCB	Run	8082
015	TCL PCB	Run	8082
016	TCL PCB	Run	8082
017	TCL PCB	Run	8082
018	TCL PCB	Run	8082
019	TCL PCB	Run	8082
020	TCL PCB	Run	8082
021	TCL PCB	Run	8082
022	TCL PCB	Run	8082
023	TCL PCB	Run	8082
024	TCL PCB	Run	8082
025	TCL PCB	Run	8082
026	TCL PCB	Run	8082
027	TCL PCB	Run	8082
028	TCL PCB	Run	8082
029	TCL PCB	Run	8082
030	TCL PCB	Run	8082
031	TCL PCB	Run	8082
032	TCL PCB	Run	8082
033	TCL PCB	Run	8082
034	TCL PCB	Run	8082
035	TCL PCB	Run	8082
036	TCL PCB	Run	8082
037	TCL PCB	Run	8082
038	TCL PCB	Run	8082
039	TCL PCB	Run	8082
040	TCL PCB	Run	8082
041	TCL PCB	Run	8082
042	TCL PCB	Run	8082
043	TCL PCB	Run	8082
044	TCL PCB	Run	8082
045	TCL PCB	Run	8082
046	TCL PCB	Run	8082
047	TCL PCB	Run	8082
048	TCL PCB	Run	8082
049	TCL PCB	Run	8082
050	TCL PCB	Run	8082

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PROJECT INFORMATION

E12-07431

Case No. E12-07431 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
051	TCL PCB	Run	8082
052	TCL PCB	Run	8082
053	TCL PCB	Run	8082
054	TCL PCB	Run	8082
055	TCL PCB	Run	8082
056	TCL PCB	Run	8082
057	TCL PCB	Run	8082
058	TCL PCB	Run	8082
059	TCL PCB	Run	8082
060	TCL PCB	Run	8082
061	TCL PCB	Run	8082
062	TCL PCB	Run	8082
063	TCL PCB	Run	8082
064	TCL PCB	Run	8082
065	TCL PCB	Run	8082
066	TCL PCB	In Process	8082
067	TCL PCB	Run	8082
068	TCL PCB	Run	8082
069	TCL PCB	Run	8082
070	TCL PCB	Run	8082

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **07431** CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

Comments

COC: (COMPLETE) / INCOMPLETE

KEY

✓ = **YES/NA**
✗ = **NO**

✓	Bottles Intact	
✓	no-Missing Bottles	
✓	no-Extra Bottles	
✓	Sufficient Sample Volume	
✓	no-headspace/bubbles in VOs	
✓	Labels intact/correct	
✓	pH Check (exclude VOs)[1]	
✓	Correct bottles/preservative	
✓	Sufficient Holding/Prep Time'	
[ ]	Sample to be Subcontracted	
✓	**Chain of Custody is Clear**	

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [signature] DATE 7/24/12

CORRECTIVE ACTION REQUIRED: **YES** [ ] (SEE BELOW) **NO** [ ]

If COC is **NOT** clear, ***STOP*** until you get client to authorize/clarify work.

CLIENT NOTIFIED: YES [ ] Date/ Time: _____ NO [ ]

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL [signature] DATE 7-26-E12-07431

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.

E12-07431

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/24/2012@17:00

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	07431-001	Soil	7/30/12	Archimede	8/ 8/12	Julia
"	-002	"	7/30/12	Archimede	8/ 8/12	Julia
"	-003	"	7/30/12	Archimede	8/ 8/12	Julia
"	-004	"	7/30/12	Archimede	8/ 8/12	Julia
"	-005	"	7/30/12	Archimede	8/ 8/12	Julia
"	-006	"	7/30/12	Archimede	8/ 8/12	Julia
"	-007	"	7/30/12	Archimede	8/ 8/12	Julia
"	-008	"	7/30/12	Archimede	8/ 8/12	Julia
"	-009	"	7/30/12	Archimede	8/ 8/12	Julia
"	-010	"	7/30/12	Archimede	8/ 8/12	Julia
"	-011	"	7/30/12	Archimede	8/ 8/12	Julia
"	-012	"	7/30/12	Archimede	8/ 8/12	Julia
"	-013	"	7/30/12	Archimede	8/ 8/12	Julia
"	-014	"	7/30/12	Archimede	8/11/12	Julia
"	-015	"	7/30/12	Archimede	8/ 8/12	Julia
"	-016	"	7/30/12	Archimede	8/ 8/12	Julia
"	-017	"	7/30/12	Archimede	8/ 8/12	Julia
"	-018	"	7/30/12	Archimede	8/ 8/12	Julia
"	-019	"	7/30/12	Archimede	8/ 8/12	Julia
"	-020	"	7/30/12	Archimede	8/ 9/12	Julia
"	-021	"	7/30/12	Archimede	8/ 3/12	Julia
"	-022	"	7/30/12	Archimede	8/ 3/12	Julia
"	-023	"	7/30/12	Archimede	8/ 4/12	Julia
"	-024	"	7/30/12	Archimede	8/ 4/12	Julia
"	-025	"	7/30/12	Archimede	8/ 4/12	Julia
"	-026	"	7/30/12	Archimede	8/ 9/12	Julia
"	-027	"	7/30/12	Archimede	8/ 9/12	Julia
"	-028	"	7/30/12	Archimede	8/ 9/12	Julia
"	-029	"	7/30/12	Archimede	8/ 9/12	Julia
"	-030	"	7/30/12	Archimede	8/ 9/12	Julia
"	-031	"	7/30/12	Archimede	8/ 9/12	Julia
"	-032	"	7/30/12	Archimede	8/ 9/12	Julia
"	-033	"	7/30/12	Archimede	8/ 9/12	Julia
"	-034	"	7/30/12	Archimede	8/ 9/12	Julia
"	-035	"	7/30/12	Archimede	8/ 9/12	Julia
"	-036	"	7/30/12	Archimede	8/ 9/12	Julia
"	-037	"	7/30/12	Archimede	8/ 9/12	Julia
"	-038	"	7/30/12	Archimede	8/ 9/12	Julia
"	-039	"	7/30/12	Archimede	8/ 9/12	Julia
"	-040	"	7/30/12	Archimede	8/ 9/12	Julia
"	-041	"	7/30/12	Archimede	8/ 9/12	Julia
"	-042	"	7/30/12	Archimede	8/ 9/12	Julia
"	-043	"	7/30/12	Archimede	8/ 9/12	Julia
"	-044	"	7/30/12	Archimede	8/ 9/12	Julia
"	-045	"	7/30/12	Archimede	8/ 9/12	Julia
"	-046	"	8/ 1/12	Archimede	8/ 7/12	Julia

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Laboratory Custody Chronicle

IAL Case No.

E12-07431

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/24/2012@17:00

"	-047	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-048	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-049	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-050	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-051	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-052	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-053	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-054	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-055	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-056	"	8/ 1/12	Archimede	8/ 7/12	Julia
"	-057	"	8/ 1/12	Archimede	8/10/12	Julia
"	-058	"	8/ 1/12	Archimede	8/11/12	Julia
"	-059	"	8/ 1/12	Archimede	8/10/12	Julia
"	-060	"	8/ 1/12	Archimede	8/10/12	Julia
"	-061	"	8/ 1/12	Archimede	8/10/12	Julia
"	-062	"	8/ 1/12	Archimede	8/11/12	Julia
"	-063	"	8/ 1/12	Archimede	8/11/12	Julia
"	-064	"	8/ 1/12	Archimede	8/10/12	Julia
"	-065	"	8/ 1/12	Archimede	8/10/12	Julia
"	-066	Aqueous	7/26/12	Archimede	7/31/12	Julia
"	-067	Soil	8/ 1/12	Archimede	8/10/12	Julia
"	-068	"	8/ 1/12	Archimede	8/10/12	Julia
"	-069	"	8/ 1/12	Archimede	8/10/12	Julia
"	-070	"	8/ 1/12	Archimede	8/10/12	Julia