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: **E12-07371**

These data have been reviewed and accepted by:

Michael H. Leftin, 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. E12-07371

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/23/2012@16:30

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
07371-001	W-30(0-2.0)	0/2	7/23/2012@09:59	Soil	1
07371-002	W-30(2.0-3.25)	2/3.25	7/23/2012@10:00	Soil	1
07371-003	W-30(3.25-4.0)	3.25/4	7/23/2012@10:01	Soil	1
07371-004	W-30(4.0-6.0)	4/6	7/23/2012@10:02	Soil	1
07371-005	W-32(0-2.0)	0/2	7/23/2012@10:40	Soil	1
07371-006	W-32(2.0-4.0)	2/4	7/23/2012@10:41	Soil	1
07371-007	W-32(4.0-4.75)	4/4.75	7/23/2012@10:42	Soil	1
07371-008	W-32(4.75-6.0)	4.75/6	7/23/2012@10:43	Soil	1
07371-009	W-33(0-2.0)	0/2	7/23/2012@10:53	Soil	1
07371-010	W-33(2.0-4.0)	2/4	7/23/2012@10:54	Soil	1
07371-011	W-33(4.0-5.25)	4/5.25	7/23/2012@10:55	Soil	1
07371-012	W-33(5.25-6.0)	5.25/6	7/23/2012@10:56	Soil	1
07371-013	V-33(0-2.0)	0/2	7/23/2012@11:02	Soil	1
07371-014	V-33(2.0-4.0)	2/4	7/23/2012@11:03	Soil	1
07371-015	V-33(4.0-5.0)	4/5	7/23/2012@11:04	Soil	1
07371-016	V-33(5.0-6.0)	5/6	7/23/2012@11:05	Soil	1
07371-017	V-34(0-2.0)	0/2	7/23/2012@11:14	Soil	1
07371-018	V-34(2.0-3.0)	2/3	7/23/2012@11:15	Soil	1
07371-019	V-34(3.0-4.0)	3/4	7/23/2012@11:16	Soil	1
07371-020	V-34(4.0-6.0)	4/6	7/23/2012@11:17	Soil	1
07371-021	V-35(0-2.0)	0/2	7/23/2012@11:27	Soil	1
07371-022	V-35(2.0-3.5)	2/3.5	7/23/2012@11:28	Soil	1
07371-023	V-35(3.5-4.0)	3.5/4	7/23/2012@11:29	Soil	1
07371-024	V-35(4.0-6.0)	4/6	7/23/2012@11:30	Soil	1
07371-025	V-36(0-2.0)	0/2	7/23/2012@12:00	Soil	1
07371-026	V-36(2.0-3.0)	2/3	7/23/2012@12:01	Soil	1
07371-027	V-36(3.0-4.0)	3/4	7/23/2012@12:02	Soil	1
07371-028	V-36(4.0-5.0)	4/5	7/23/2012@12:03	Soil	1
07371-029	V-36(5.0-6.0)	5/6	7/23/2012@12:04	Soil	1
07371-030	V-37(0-2.0)	0/2	7/23/2012@13:29	Soil	1
07371-031	V-37(2.0-3.0)	2/3	7/23/2012@13:30	Soil	1
07371-032	V-37(3.0-4.0)	3/4	7/23/2012@13:31	Soil	1
07371-033	V-37(4.0-5.0)	4/5	7/23/2012@13:32	Soil	1
07371-034	V-37(5.0-6.0)	5/6	7/23/2012@13:33	Soil	1
07371-035	W-37(0-2.0)	0/2	7/23/2012@13:51	Soil	1
07371-036	W-37(2.0-3.0)	2/3	7/23/2012@13:52	Soil	1
07371-037	W-37(3.0-4.0)	3/4	7/23/2012@13:53	Soil	1
07371-038	W-37(4.0-5.0)	4/5	7/23/2012@13:54	Soil	1
07371-039	W-37(5.0-6.0)	5/6	7/23/2012@13:55	Soil	1
07371-040	W-37(6.0-8.0)	6/8	7/23/2012@13:56	Soil	1
07371-041	W-36(0-2.0)	0/2	7/23/2012@14:10	Soil	1
07371-042	W-36(2.0-3.0)	2/3	7/23/2012@14:11	Soil	1
07371-043	W-36(3.0-3.25)	3/3.25	7/23/2012@14:11	Soil	1
07371-044	W-36(3.25-4.0)	3.25/4	7/23/2012@14:12	Soil	1
07371-045	W-36(4.0-6.0)	4/6	7/23/2012@14:13	Soil	1
07371-046	W-35(0-2.0)	0/2	7/23/2012@14:27	Soil	1

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

Sample Summary

IAL Case No.

E12-07371

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/23/2012@16:30

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
07371-047	W-35(2.0-4.0)	2/4	7/23/2012@14:28	Soil	1
07371-048	W-35(4.25-4.5)	4.25/4.5	7/23/2012@14:29	Soil	1
07371-049	W-35(4.5-6.0)	4.5/6	7/23/2012@14:30	Soil	1
07371-050	W-34(0-1.0)	0/1	7/23/2012@14:46	Soil	1
07371-051	W-34(1.0-2.0)	1/2	7/23/2012@14:47	Soil	1
07371-052	W-34(2.0-3.5)	2/3.5	7/23/2012@14:48	Soil	1
07371-053	W-34(3.5-4.0)	3.5/4	7/23/2012@14:48	Soil	1
07371-054	W-34(4.0-6.0)	4/6	7/23/2012@14:48	Soil	1
07371-055	X-33(0-2.0)	0/2	7/23/2012@15:08	Soil	1
07371-056	X-33(2.0-3.0)	2/3	7/23/2012@15:09	Soil	1
07371-057	X-33(3.0-4.0)	3/4	7/23/2012@15:10	Soil	1
07371-058	X-33(4.0-4.5)	4/4.5	7/23/2012@15:11	Soil	1
07371-059	X-33(4.5-6.0)	4.5/6	7/23/2012@15:12	Soil	1
07371-060	FB-18	n/a	7/23/2012@15:20	Aqueous	2

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on August 09, 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 fifty-nine (59) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-07371, Project: ARSYNCO) on July 23, 2012 for the analysis of:

(60) 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

8/10/12
Date

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

Lab Case Number: E12 - 07371

		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- 07371

		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: 07371#055 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

08-06-12
Date

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

Lab Case Number: E12- 07371

		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: 07371#011 DCB1	✓	
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

08-06-12
Date

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

Lab Case Number: E12 - 07371

		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: # 48 DCB 1 07371 #033, #35, 36, 37, 38, 43, 46, 41, 42, 47 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

08-09-12
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 - 07371

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:

07371 #048

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- 07371

		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: surrogate eluted out 07371#026,027,031,032, 022, 025, MS, MSD	✓	
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:

Organic Manager

08-09-12
Date

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07371

Lab ID:	**07371-060**		
Client ID:	**FB-18**		
Matrix:	**Aqueous**		
Sampled Date	**7/23/12**		
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:	**07371-001**			**07371-002**			**07371-003**			**07371-004**	
Client ID:	**W-30(0-2.0)**			**W-30(2.0-3.25)**			**W-30(3.25-4.0)**			**W-30(4.0-6.0)**	
Depth:	**0/2**			**2/3.25**			**3.25/4**			**4/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/23/12**			**7/23/12**			**7/23/12**			**7/23/12**	
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		0.190	ND		0.018	ND		0.062	ND	0.019
Aroclor-1221	ND		0.190	ND		0.018	ND		0.062	ND	0.019
Aroclor-1232	ND		0.190	ND		0.018	ND		0.062	ND	0.019
Aroclor-1242	ND		0.190	ND		0.018	ND		0.062	ND	0.019
Aroclor-1248	ND		0.190	ND		0.018	ND		0.062	ND	0.019
Aroclor-1254	ND		0.190	ND		0.018	ND		0.062	ND	0.019
Aroclor-1260	48.1		0.190	ND		0.018	ND		0.062	ND	0.019
Aroclor-1262	ND		0.190	0.473		0.018	ND		0.062	ND	0.019
Aroclor-1268	ND		0.190	ND		0.018	ND		0.062	ND	0.019
PCBs	48.1		0.190	0.473		0.018	ND		0.062	ND	0.019

Lab ID:	**07371-005**			**07371-006**			**07371-007**			**07371-008**	
Client ID:	**W-32(0-2.0)**			**W-32(2.0-4.0)**			**W-32(4.0-4.75)**			**W-32(4.75-6.0)**	
Depth:	**0/2**			**2/4**			**4/4.75**			**4.75/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**7/23/12**			**7/23/12**			**7/23/12**			**7/23/12**	
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		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1221	ND		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1232	ND		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1242	ND		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1248	8.34		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1254	ND		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1260	ND		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1262	ND		0.184	ND		0.021	ND		0.061	ND	0.019
Aroclor-1268	ND		0.184	ND		0.021	ND		0.061	ND	0.019
PCBs	8.34		0.184	ND		0.021	ND		0.061	ND	0.019

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07371

Lab ID:	07371-009			07371-010			07371-011			07371-012		
Client ID:	W-33(0-2.0)			W-33(2.0-4.0)			W-33(4.0-5.25)			W-33(5.25-6.0)		
Depth:	0/2			2/4			4/5.25			5.25/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1221	ND		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1232	ND		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1242	ND		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1248	47.4		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1254	ND		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1260	19.4		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1262	ND		0.186	ND		0.017	ND		0.064	ND		0.020
Aroclor-1268	ND		0.186	ND		0.017	ND		0.064	ND		0.020
PCBs	66.8		0.186	ND		0.017	ND		0.064	ND		0.020

Lab ID:	07371-013			07371-014			07371-015			07371-016		
Client ID:	V-33(0-2.0)			V-33(2.0-4.0)			V-33(4.0-5.0)			V-33(5.0-6.0)		
Depth:	0/2			2/4			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1221	ND		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1232	ND		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1242	ND		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1248	7.35		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1254	ND		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1260	13.3		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1262	ND		0.039	ND		0.018	ND		0.061	ND		0.020
Aroclor-1268	ND		0.039	ND		0.018	ND		0.061	ND		0.020
PCBs	20.7		0.039	ND		0.018	ND		0.061	ND		0.020

Lab ID:	07371-017			07371-018			07371-019			07371-020		
Client ID:	V-34(0-2.0)			V-34(2.0-3.0)			V-34(3.0-4.0)			V-34(4.0-6.0)		
Depth:	0/2			2/3			3/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1221	ND		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1232	ND		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1242	ND		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1248	6.44		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1254	ND		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1260	18.9		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1262	ND		0.203	ND		0.017	ND		0.059	ND		0.019
Aroclor-1268	ND		0.203	ND		0.017	ND		0.059	ND		0.019
PCBs	25.3		0.203	ND		0.017	ND		0.059	ND		0.019

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07371

Lab ID:	07371-021			07371-022			07371-023			07371-024		
Client ID:	V-35(0-2.0)			V-35(2.0-3.5)			V-35(3.5-4.0)			V-35(4.0-6.0)		
Depth:	0/2			2/3.5			3.5/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		0.200	ND		2.36	ND		0.037	ND		0.018
Aroclor-1221	ND		0.200	ND		2.36	ND		0.037	ND		0.018
Aroclor-1232	ND		0.200	ND		2.36	ND		0.037	ND		0.018
Aroclor-1242	ND		0.200	ND		2.36	ND		0.037	ND		0.018
Aroclor-1248	71.1		0.200	ND		2.36	ND		0.037	ND		0.018
Aroclor-1254	ND		0.200	ND		2.36	ND		0.037	ND		0.018
Aroclor-1260	20.8		0.200	254		2.36	ND		0.037	ND		0.018
Aroclor-1262	ND		0.200	ND		2.36	2.06		0.037	ND		0.018
Aroclor-1268	ND		0.200	ND		2.36	ND		0.037	ND		0.018
PCBs	91.9		0.200	254		2.36	2.06		0.037	ND		0.018

Lab ID:	07371-025			07371-026			07371-027			07371-028		
Client ID:	V-36(0-2.0)			V-36(2.0-3.0)			V-36(3.0-4.0)			V-36(4.0-5.0)		
Depth:	0/2			2/3			3/4			4/5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		1.75	ND		2.27	ND		2.53	ND		0.054
Aroclor-1221	ND		1.75	ND		2.27	ND		2.53	ND		0.054
Aroclor-1232	ND		1.75	ND		2.27	ND		2.53	ND		0.054
Aroclor-1242	ND		1.75	ND		2.27	ND		2.53	ND		0.054
Aroclor-1248	122		1.75	ND		2.27	ND		2.53	ND		0.054
Aroclor-1254	ND		1.75	ND		2.27	ND		2.53	ND		0.054
Aroclor-1260	205		1.75	ND		2.27	ND		2.53	ND		0.054
Aroclor-1262	ND		1.75	820		2.27	184		2.53	ND		0.054
Aroclor-1268	ND		1.75	ND		2.27	ND		2.53	ND		0.054
PCBs	327		1.75	820		2.27	184		2.53	ND		0.054

Lab ID:	07371-029			07371-030			07371-031			07371-032		
Client ID:	V-36(5.0-6.0)			V-37(0-2.0)			V-37(2.0-3.0)			V-37(3.0-4.0)		
Depth:	5/6			0/2			2/3			3/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		0.168	ND		1.88	ND		18.8
Aroclor-1221	ND		0.019	ND		0.168	ND		1.88	ND		18.8
Aroclor-1232	ND		0.019	ND		0.168	ND		1.88	ND		18.8
Aroclor-1242	ND		0.019	ND		0.168	ND		1.88	ND		18.8
Aroclor-1248	ND		0.019	71.8		0.168	116		1.88	ND		18.8
Aroclor-1254	ND		0.019	ND		0.168	ND		1.88	ND		18.8
Aroclor-1260	ND		0.019	33.6		0.168	325		1.88	ND		18.8
Aroclor-1262	ND		0.019	ND		0.168	ND		1.88	852		18.8
Aroclor-1268	ND		0.019	ND		0.168	ND		1.88	ND		18.8
PCBs	ND		0.019	105		0.168	441		1.88	852		18.8

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07371

Lab ID:	07371-033			07371-034			07371-035			07371-036		
Client ID:	V-37(4.0-5.0)			V-37(5.0-6.0)			W-37(0-2.0)			W-37(2.0-3.0)		
Depth:	4/5			5/6			0/2			2/3		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		26.2	ND		0.019	ND		1.93	ND		1.84
Aroclor-1221	ND		26.2	ND		0.019	ND		1.93	ND		1.84
Aroclor-1232	ND		26.2	ND		0.019	ND		1.93	ND		1.84
Aroclor-1242	ND		26.2	ND		0.019	ND		1.93	ND		1.84
Aroclor-1248	ND		26.2	ND		0.019	ND		1.93	ND		1.84
Aroclor-1254	ND		26.2	ND		0.019	ND		1.93	ND		1.84
Aroclor-1260	ND		26.2	ND		0.019	63.0		1.93	142		1.84
Aroclor-1262	1200		26.2	2.30		0.019	ND		1.93	ND		1.84
Aroclor-1268	ND		26.2	ND		0.019	ND		1.93	ND		1.84
PCBs	1200		26.2	2.30		0.019	63.0		1.93	142		1.84

Lab ID:	07371-037			07371-038			07371-039			07371-040		
Client ID:	W-37(3.0-4.0)			W-37(4.0-5.0)			W-37(5.0-6.0)			W-37(6.0-8.0)		
Depth:	3/4			4/5			5/6			6/8		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		30.0	ND		5.35	ND		0.090	ND		0.018
Aroclor-1221	ND		30.0	ND		5.35	ND		0.090	ND		0.018
Aroclor-1232	ND		30.0	ND		5.35	ND		0.090	ND		0.018
Aroclor-1242	ND		30.0	ND		5.35	ND		0.090	ND		0.018
Aroclor-1248	ND		30.0	ND		5.35	ND		0.090	ND		0.018
Aroclor-1254	ND		30.0	ND		5.35	ND		0.090	ND		0.018
Aroclor-1260	ND		30.0	ND		5.35	ND		0.090	ND		0.018
Aroclor-1262	1400		30.0	691		5.35	1.25		0.090	0.129		0.018
Aroclor-1268	ND		30.0	ND		5.35	ND		0.090	ND		0.018
PCBs	1400		30.0	691		5.35	1.25		0.090	0.129		0.018

Lab ID:	07371-041			07371-042			07371-043			07371-044		
Client ID:	W-36(0-2.0)			W-36(2.0-3.0)			W-36(3.0-3.25)			W-36(3.25-4.0)		
Depth:	0/2			2/3			3/3.25			3.25/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		1.88	ND		27.3	ND		24.0	ND		0.088
Aroclor-1221	ND		1.88	ND		27.3	ND		24.0	ND		0.088
Aroclor-1232	ND		1.88	ND		27.3	ND		24.0	ND		0.088
Aroclor-1242	ND		1.88	ND		27.3	ND		24.0	ND		0.088
Aroclor-1248	361		1.88	2650		27.3	614		24.0	ND		0.088
Aroclor-1254	ND		1.88	ND		27.3	ND		24.0	ND		0.088
Aroclor-1260	116		1.88	ND		27.3	ND		24.0	ND		0.088
Aroclor-1262	ND		1.88	1050		27.3	299		24.0	ND		0.088
Aroclor-1268	ND		1.88	ND		27.3	ND		24.0	ND		0.088
PCBs	477		1.88	3700		27.3	913		24.0	ND		0.088

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07371

Lab ID:	07371-045			07371-046			07371-047			07371-048		
Client ID:	W-36(4.0-6.0)			W-35(0-2.0)			W-35(2.0-4.0)			W-35(4.25-4.5)		
Depth:	4/6			0/2			2/4			4.25/4.5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		2.24	ND		1.76	ND		0.051
Aroclor-1221	ND		0.020	ND		2.24	ND		1.76	ND		0.051
Aroclor-1232	ND		0.020	ND		2.24	ND		1.76	ND		0.051
Aroclor-1242	ND		0.020	ND		2.24	ND		1.76	ND		0.051
Aroclor-1248	0.099		0.020	84.8		2.24	ND		1.76	ND		0.051
Aroclor-1254	ND		0.020	ND		2.24	ND		1.76	ND		0.051
Aroclor-1260	ND		0.020	60.1		2.24	ND		1.76	9.38		0.051
Aroclor-1262	ND		0.020	ND		2.24	38.4		1.76	ND		0.051
Aroclor-1268	ND		0.020	ND		2.24	ND		1.76	ND		0.051
PCBs	0.099		0.020	145		2.24	38.4		1.76	9.38		0.051

Lab ID:	07371-049			07371-050			07371-051			07371-052		
Client ID:	W-35(4.5-6.0)			W-34(0-1.0)			W-34(1.0-2.0)			W-34(2.0-3.5)		
Depth:	4.5/6			0/1			1/2			2/3.5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		0.203	ND		0.017	ND		0.018
Aroclor-1221	ND		0.019	ND		0.203	ND		0.017	ND		0.018
Aroclor-1232	ND		0.019	ND		0.203	ND		0.017	ND		0.018
Aroclor-1242	ND		0.019	ND		0.203	ND		0.017	ND		0.018
Aroclor-1248	ND		0.019	32.4		0.203	ND		0.017	ND		0.018
Aroclor-1254	ND		0.019	ND		0.203	ND		0.017	ND		0.018
Aroclor-1260	ND		0.019	55.6		0.203	ND		0.017	ND		0.018
Aroclor-1262	ND		0.019	ND		0.203	ND		0.017	ND		0.018
Aroclor-1268	ND		0.019	ND		0.203	ND		0.017	ND		0.018
PCBs	ND		0.019	88.0		0.203	ND		0.017	ND		0.018

Lab ID:	07371-053			07371-054			07371-055			07371-056		
Client ID:	W-34(3.5-4.0)			W-34(4.0-6.0)			X-33(0-2.0)			X-33(2.0-3.0)		
Depth:	3.5/4			4/6			0/2			2/3		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	7/23/12			7/23/12			7/23/12			7/23/12		
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		0.019	ND		1.82	ND		0.043
Aroclor-1221	ND		0.045	ND		0.019	ND		1.82	ND		0.043
Aroclor-1232	ND		0.045	ND		0.019	ND		1.82	ND		0.043
Aroclor-1242	ND		0.045	ND		0.019	ND		1.82	ND		0.043
Aroclor-1248	ND		0.045	ND		0.019	58.7		1.82	ND		0.043
Aroclor-1254	ND		0.045	ND		0.019	ND		1.82	ND		0.043
Aroclor-1260	ND		0.045	ND		0.019	117		1.82	ND		0.043
Aroclor-1262	ND		0.045	ND		0.019	ND		1.82	9.57		0.043
Aroclor-1268	ND		0.045	ND		0.019	ND		1.82	ND		0.043
PCBs	ND		0.045	ND		0.019	176		1.82	9.57		0.043

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-07371

Lab ID:	**07371-057**			**07371-058**			**07371-059**	
Client ID:	**X-33(3.0-4.0)**			**X-33(4.0-4.5)**			**X-33(4.5-6.0)**	
Depth:	**3/4**			**4/4.5**			**4.5/6**	
Matrix:	**Soil**			**Soil**			**Soil**	
Sampled Date	**7/23/12**			**7/23/12**			**7/23/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.027	ND		0.063	ND		0.020
Aroclor-1221	ND		0.027	ND		0.063	ND		0.020
Aroclor-1232	ND		0.027	ND		0.063	ND		0.020
Aroclor-1242	ND		0.027	ND		0.063	ND		0.020
Aroclor-1248	ND		0.027	ND		0.063	ND		0.020
Aroclor-1254	ND		0.027	ND		0.063	ND		0.020
Aroclor-1260	ND		0.027	ND		0.063	ND		0.020
Aroclor-1262	ND		0.027	ND		0.063	ND		0.020
Aroclor-1268	ND		0.027	ND		0.063	ND		0.020
PCBs	ND		0.027	ND		0.063	ND		0.020

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-001
Client ID: W-30(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2336.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 16.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.475	0.190
Aroclor-1221	ND		0.475	0.190
Aroclor-1232	ND		0.475	0.190
Aroclor-1242	ND		0.475	0.190
Aroclor-1248	ND		0.475	0.190
Aroclor-1254	ND		0.475	0.190
Aroclor-1260	48.1		0.475	0.190
Aroclor-1262	ND		0.475	0.190
Aroclor-1268	ND		0.475	0.190
PCBs	48.1		0.475	0.190

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-002
Client ID: W-30(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2337.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.0

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	0.473		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	0.473		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-003
Client ID: W-30(3.25-
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2338.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.8

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: 07371-004
Client ID: W-30(4.0-6
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2339.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.0

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: 07371-005
Client ID: W-32(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2340.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 15.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.460	0.184
Aroclor-1221	ND		0.460	0.184
Aroclor-1232	ND		0.460	0.184
Aroclor-1242	ND		0.460	0.184
Aroclor-1248	8.34		0.460	0.184
Aroclor-1254	ND		0.460	0.184
Aroclor-1260	ND		0.460	0.184
Aroclor-1262	ND		0.460	0.184
Aroclor-1268	ND		0.460	0.184
PCBs	8.34		0.460	0.184

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-006
Client ID: W-32(2.0-4
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2341.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.32g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 29.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.053	0.021
Aroclor-1221	ND		0.053	0.021
Aroclor-1232	ND		0.053	0.021
Aroclor-1242	ND		0.053	0.021
Aroclor-1248	ND		0.053	0.021
Aroclor-1254	ND		0.053	0.021
Aroclor-1260	ND		0.053	0.021
Aroclor-1262	ND		0.053	0.021
Aroclor-1268	ND		0.053	0.021
PCBs	ND		0.053	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-007
Client ID: W-32(4.0-4
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2342.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.152	0.061
Aroclor-1221	ND		0.152	0.061
Aroclor-1232	ND		0.152	0.061
Aroclor-1242	ND		0.152	0.061
Aroclor-1248	ND		0.152	0.061
Aroclor-1254	ND		0.152	0.061
Aroclor-1260	ND		0.152	0.061
Aroclor-1262	ND		0.152	0.061
Aroclor-1268	ND		0.152	0.061
PCBs	ND		0.152	0.061

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-008
Client ID: W-32(4.75-
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2343.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.019
Aroclor-1221	ND		0.049	0.019
Aroclor-1232	ND		0.049	0.019
Aroclor-1242	ND		0.049	0.019
Aroclor-1248	ND		0.049	0.019
Aroclor-1254	ND		0.049	0.019
Aroclor-1260	ND		0.049	0.019
Aroclor-1262	ND		0.049	0.019
Aroclor-1268	ND		0.049	0.019
PCBs	ND		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-009
Client ID: W-33(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/04/2012
Data file: R2344.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 19.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.466	0.186
Aroclor-1221	ND		0.466	0.186
Aroclor-1232	ND		0.466	0.186
Aroclor-1242	ND		0.466	0.186
Aroclor-1248	47.4		0.466	0.186
Aroclor-1254	ND		0.466	0.186
Aroclor-1260	19.4		0.466	0.186
Aroclor-1262	ND		0.466	0.186
Aroclor-1268	ND		0.466	0.186
PCBs	66.8		0.466	0.186

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-010
Client ID: W-33(2.0-4
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/04/2012
Data file: R2345.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-011
Client ID: W-33(4.0-5
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/04/2012
Data file: R2346.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.159	0.064
Aroclor-1221	ND		0.159	0.064
Aroclor-1232	ND		0.159	0.064
Aroclor-1242	ND		0.159	0.064
Aroclor-1248	ND		0.159	0.064
Aroclor-1254	ND		0.159	0.064
Aroclor-1260	ND		0.159	0.064
Aroclor-1262	ND		0.159	0.064
Aroclor-1268	ND		0.159	0.064
PCBs	ND		0.159	0.064

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-012
Client ID: W-33(5.25-
Date Received: 07/23/2012
Date Extracted: 07/27/2012
Date Analyzed: 08/04/2012
Data file: R2347.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: 07371-013
Client ID: V-33(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2464.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.23g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 21.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.097	0.039
Aroclor-1221	ND		0.097	0.039
Aroclor-1232	ND		0.097	0.039
Aroclor-1242	ND		0.097	0.039
Aroclor-1248	7.35		0.097	0.039
Aroclor-1254	ND		0.097	0.039
Aroclor-1260	13.3		0.097	0.039
Aroclor-1262	ND		0.097	0.039
Aroclor-1268	ND		0.097	0.039
PCBs	20.7		0.097	0.039

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-014
Client ID: V-33(2.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2440.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.5

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: 07371-015
Client ID: V-33(4.0-5
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2441.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.36g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.152	0.061
Aroclor-1221	ND		0.152	0.061
Aroclor-1232	ND		0.152	0.061
Aroclor-1242	ND		0.152	0.061
Aroclor-1248	ND		0.152	0.061
Aroclor-1254	ND		0.152	0.061
Aroclor-1260	ND		0.152	0.061
Aroclor-1262	ND		0.152	0.061
Aroclor-1268	ND		0.152	0.061
PCBs	ND		0.152	0.061

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-016
Client ID: V-33(5.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2442.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.7

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: 07371-017
Client ID: V-34(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2443.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 22.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.507	0.203
Aroclor-1221	ND		0.507	0.203
Aroclor-1232	ND		0.507	0.203
Aroclor-1242	ND		0.507	0.203
Aroclor-1248	6.44		0.507	0.203
Aroclor-1254	ND		0.507	0.203
Aroclor-1260	18.9		0.507	0.203
Aroclor-1262	ND		0.507	0.203
Aroclor-1268	ND		0.507	0.203
PCBs	25.3		0.507	0.203

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-018
Client ID: V-34(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2444.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.41g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	ND		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	ND		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-019
Client ID: V-34(3.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2445.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.147	0.059
Aroclor-1221	ND		0.147	0.059
Aroclor-1232	ND		0.147	0.059
Aroclor-1242	ND		0.147	0.059
Aroclor-1248	ND		0.147	0.059
Aroclor-1254	ND		0.147	0.059
Aroclor-1260	ND		0.147	0.059
Aroclor-1262	ND		0.147	0.059
Aroclor-1268	ND		0.147	0.059
PCBs	ND		0.147	0.059

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-020
Client ID: V-34(4.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2446.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	ND		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-021
Client ID: V-35(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2447.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 23.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.500	0.200
Aroclor-1221	ND		0.500	0.200
Aroclor-1232	ND		0.500	0.200
Aroclor-1242	ND		0.500	0.200
Aroclor-1248	71.1		0.500	0.200
Aroclor-1254	ND		0.500	0.200
Aroclor-1260	20.8		0.500	0.200
Aroclor-1262	ND		0.500	0.200
Aroclor-1268	ND		0.500	0.200
PCBs	91.9		0.500	0.200

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-022
Client ID: V-35(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2465.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.62g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 39.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.90	2.36
Aroclor-1221	ND		5.90	2.36
Aroclor-1232	ND		5.90	2.36
Aroclor-1242	ND		5.90	2.36
Aroclor-1248	ND		5.90	2.36
Aroclor-1254	ND		5.90	2.36
Aroclor-1260	254		5.90	2.36
Aroclor-1262	ND		5.90	2.36
Aroclor-1268	ND		5.90	2.36
PCBs	254		5.90	2.36

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-023
Client ID: V-35(3.5-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2449.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.17g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 58.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.093	0.037
Aroclor-1221	ND		0.093	0.037
Aroclor-1232	ND		0.093	0.037
Aroclor-1242	ND		0.093	0.037
Aroclor-1248	ND		0.093	0.037
Aroclor-1254	ND		0.093	0.037
Aroclor-1260	ND		0.093	0.037
Aroclor-1262	2.06		0.093	0.037
Aroclor-1268	ND		0.093	0.037
PCBs	2.06		0.093	0.037

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-024
Client ID: V-35(4.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2450.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.55g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.5

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: 07371-025
Client ID: V-36(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2466.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 16.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.38	1.75
Aroclor-1221	ND		4.38	1.75
Aroclor-1232	ND		4.38	1.75
Aroclor-1242	ND		4.38	1.75
Aroclor-1248	122		4.38	1.75
Aroclor-1254	ND		4.38	1.75
Aroclor-1260	205		4.38	1.75
Aroclor-1262	ND		4.38	1.75
Aroclor-1268	ND		4.38	1.75
PCBs	327		4.38	1.75

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-026
Client ID: V-36(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2452.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 33.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.67	2.27
Aroclor-1221	ND		5.67	2.27
Aroclor-1232	ND		5.67	2.27
Aroclor-1242	ND		5.67	2.27
Aroclor-1248	ND		5.67	2.27
Aroclor-1254	ND		5.67	2.27
Aroclor-1260	ND		5.67	2.27
Aroclor-1262	820		5.67	2.27
Aroclor-1268	ND		5.67	2.27
PCBs	820		5.67	2.27

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-027
Client ID: V-36(3.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2453.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 37.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.32	2.53
Aroclor-1221	ND		6.32	2.53
Aroclor-1232	ND		6.32	2.53
Aroclor-1242	ND		6.32	2.53
Aroclor-1248	ND		6.32	2.53
Aroclor-1254	ND		6.32	2.53
Aroclor-1260	ND		6.32	2.53
Aroclor-1262	184		6.32	2.53
Aroclor-1268	ND		6.32	2.53
PCBs	184		6.32	2.53

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-028
Client ID: V-36(4.0-5
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2454.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 71.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.135	0.054
Aroclor-1221	ND		0.135	0.054
Aroclor-1232	ND		0.135	0.054
Aroclor-1242	ND		0.135	0.054
Aroclor-1248	ND		0.135	0.054
Aroclor-1254	ND		0.135	0.054
Aroclor-1260	ND		0.135	0.054
Aroclor-1262	ND		0.135	0.054
Aroclor-1268	ND		0.135	0.054
PCBs	ND		0.135	0.054

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-029
Client ID: V-36(5.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2455.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	ND		0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	ND		0.046	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-030
Client ID: V-37(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2456.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.32g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 10.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.420	0.168
Aroclor-1221	ND		0.420	0.168
Aroclor-1232	ND		0.420	0.168
Aroclor-1242	ND		0.420	0.168
Aroclor-1248	71.8		0.420	0.168
Aroclor-1254	ND		0.420	0.168
Aroclor-1260	33.6		0.420	0.168
Aroclor-1262	ND		0.420	0.168
Aroclor-1268	ND		0.420	0.168
PCBs	105		0.420	0.168

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-031
Client ID: V-37(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2457.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.70	1.88
Aroclor-1221	ND		4.70	1.88
Aroclor-1232	ND		4.70	1.88
Aroclor-1242	ND		4.70	1.88
Aroclor-1248	116		4.70	1.88
Aroclor-1254	ND		4.70	1.88
Aroclor-1260	325		4.70	1.88
Aroclor-1262	ND		4.70	1.88
Aroclor-1268	ND		4.70	1.88
PCBs	441		4.70	1.88

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-032
Client ID: V-37(3.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/06/2012
Data file: R2458.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 19.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		47.0	18.8
Aroclor-1221	ND		47.0	18.8
Aroclor-1232	ND		47.0	18.8
Aroclor-1242	ND		47.0	18.8
Aroclor-1248	ND		47.0	18.8
Aroclor-1254	ND		47.0	18.8
Aroclor-1260	ND		47.0	18.8
Aroclor-1262	852		47.0	18.8
Aroclor-1268	ND		47.0	18.8
PCBs	852		47.0	18.8

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-033
Client ID: V-37(4.0-5
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2496.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 41.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		65.4	26.2
Aroclor-1221	ND		65.4	26.2
Aroclor-1232	ND		65.4	26.2
Aroclor-1242	ND		65.4	26.2
Aroclor-1248	ND		65.4	26.2
Aroclor-1254	ND		65.4	26.2
Aroclor-1260	ND		65.4	26.2
Aroclor-1262	1200		65.4	26.2
Aroclor-1268	ND		65.4	26.2
PCBs	1200		65.4	26.2

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-034
Client ID: V-37(5.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2497.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.36g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	2.30		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	2.30		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-035
Client ID: W-37(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2498.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 18.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.83	1.93
Aroclor-1221	ND		4.83	1.93
Aroclor-1232	ND		4.83	1.93
Aroclor-1242	ND		4.83	1.93
Aroclor-1248	ND		4.83	1.93
Aroclor-1254	ND		4.83	1.93
Aroclor-1260	63.0		4.83	1.93
Aroclor-1262	ND		4.83	1.93
Aroclor-1268	ND		4.83	1.93
PCBs	63.0		4.83	1.93

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-036
Client ID: W-37(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2499.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.12g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.61	1.84
Aroclor-1221	ND		4.61	1.84
Aroclor-1232	ND		4.61	1.84
Aroclor-1242	ND		4.61	1.84
Aroclor-1248	ND		4.61	1.84
Aroclor-1254	ND		4.61	1.84
Aroclor-1260	142		4.61	1.84
Aroclor-1262	ND		4.61	1.84
Aroclor-1268	ND		4.61	1.84
PCBs	142		4.61	1.84

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-037
Client ID: W-37(3.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2500.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 47.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		75.0	30.0
Aroclor-1221	ND		75.0	30.0
Aroclor-1232	ND		75.0	30.0
Aroclor-1242	ND		75.0	30.0
Aroclor-1248	ND		75.0	30.0
Aroclor-1254	ND		75.0	30.0
Aroclor-1260	ND		75.0	30.0
Aroclor-1262	1400		75.0	30.0
Aroclor-1268	ND		75.0	30.0
PCBs	1400		75.0	30.0

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-038
Client ID: W-37(4.0-5
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2501.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.36g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 72.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		13.4	5.35
Aroclor-1221	ND		13.4	5.35
Aroclor-1232	ND		13.4	5.35
Aroclor-1242	ND		13.4	5.35
Aroclor-1248	ND		13.4	5.35
Aroclor-1254	ND		13.4	5.35
Aroclor-1260	ND		13.4	5.35
Aroclor-1262	691		13.4	5.35
Aroclor-1268	ND		13.4	5.35
PCBs	691		13.4	5.35

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-039
Client ID: W-37(5.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2502.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 82.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.224	0.090
Aroclor-1221	ND		0.224	0.090
Aroclor-1232	ND		0.224	0.090
Aroclor-1242	ND		0.224	0.090
Aroclor-1248	ND		0.224	0.090
Aroclor-1254	ND		0.224	0.090
Aroclor-1260	ND		0.224	0.090
Aroclor-1262	1.25		0.224	0.090
Aroclor-1268	ND		0.224	0.090
PCBs	1.25		0.224	0.090

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-040
Client ID: W-37(6.0-8
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2503.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.9

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	0.129		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	0.129		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-041
Client ID: W-36(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2523.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 18.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.71	1.88
Aroclor-1221	ND		4.71	1.88
Aroclor-1232	ND		4.71	1.88
Aroclor-1242	ND		4.71	1.88
Aroclor-1248	361		4.71	1.88
Aroclor-1254	ND		4.71	1.88
Aroclor-1260	116		4.71	1.88
Aroclor-1262	ND		4.71	1.88
Aroclor-1268	ND		4.71	1.88
PCBs	477		4.71	1.88

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-042
Client ID: W-36(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: R2634.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 41.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		68.2	27.3
Aroclor-1221	ND		68.2	27.3
Aroclor-1232	ND		68.2	27.3
Aroclor-1242	ND		68.2	27.3
Aroclor-1248	2650		68.2	27.3
Aroclor-1254	ND		68.2	27.3
Aroclor-1260	ND		68.2	27.3
Aroclor-1262	1050		68.2	27.3
Aroclor-1268	ND		68.2	27.3
PCBs	3700		68.2	27.3

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-043
Client ID: W-36(3.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2506.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 37.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		60.1	24.0
Aroclor-1221	ND		60.1	24.0
Aroclor-1232	ND		60.1	24.0
Aroclor-1242	ND		60.1	24.0
Aroclor-1248	614		60.1	24.0
Aroclor-1254	ND		60.1	24.0
Aroclor-1260	ND		60.1	24.0
Aroclor-1262	299		60.1	24.0
Aroclor-1268	ND		60.1	24.0
PCBs	913		60.1	24.0

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-044
Client ID: W-36(3.25-
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2507.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 81.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.221	0.088
Aroclor-1221	ND		0.221	0.088
Aroclor-1232	ND		0.221	0.088
Aroclor-1242	ND		0.221	0.088
Aroclor-1248	ND		0.221	0.088
Aroclor-1254	ND		0.221	0.088
Aroclor-1260	ND		0.221	0.088
Aroclor-1262	ND		0.221	0.088
Aroclor-1268	ND		0.221	0.088
PCBs	ND		0.221	0.088

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-045
Client ID: W-36(4.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2508.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.3

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	0.099		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	0.099		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-046
Client ID: W-35(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2509.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 28.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.59	2.24
Aroclor-1221	ND		5.59	2.24
Aroclor-1232	ND		5.59	2.24
Aroclor-1242	ND		5.59	2.24
Aroclor-1248	84.8		5.59	2.24
Aroclor-1254	ND		5.59	2.24
Aroclor-1260	60.1		5.59	2.24
Aroclor-1262	ND		5.59	2.24
Aroclor-1268	ND		5.59	2.24
PCBs	145		5.59	2.24

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-047
Client ID: W-35(2.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/09/2012
Data file: R2635.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.52g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 17.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.39	1.76
Aroclor-1221	ND		4.39	1.76
Aroclor-1232	ND		4.39	1.76
Aroclor-1242	ND		4.39	1.76
Aroclor-1248	ND		4.39	1.76
Aroclor-1254	ND		4.39	1.76
Aroclor-1260	ND		4.39	1.76
Aroclor-1262	38.4		4.39	1.76
Aroclor-1268	ND		4.39	1.76
PCBs	38.4		4.39	1.76

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-048
Client ID: W-35(4.25-
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2524.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 38.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.129	0.051
Aroclor-1221	ND		0.129	0.051
Aroclor-1232	ND		0.129	0.051
Aroclor-1242	ND		0.129	0.051
Aroclor-1248	ND		0.129	0.051
Aroclor-1254	ND		0.129	0.051
Aroclor-1260	9.38		0.129	0.051
Aroclor-1262	ND		0.129	0.051
Aroclor-1268	ND		0.129	0.051
PCBs	9.38		0.129	0.051

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-049
Client ID: W-35(4.5-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2512.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	ND		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-050
Client ID: W-34(0-1.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2513.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 22.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.507	0.203
Aroclor-1221	ND		0.507	0.203
Aroclor-1232	ND		0.507	0.203
Aroclor-1242	ND		0.507	0.203
Aroclor-1248	32.4		0.507	0.203
Aroclor-1254	ND		0.507	0.203
Aroclor-1260	55.6		0.507	0.203
Aroclor-1262	ND		0.507	0.203
Aroclor-1268	ND		0.507	0.203
PCBs	88.0		0.507	0.203

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-051
Client ID: W-34(1.0-2
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2514.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.40g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.042	0.017
Aroclor-1221	ND		0.042	0.017
Aroclor-1232	ND		0.042	0.017
Aroclor-1242	ND		0.042	0.017
Aroclor-1248	ND		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	ND		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-052
Client ID: W-34(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2515.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.6

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	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	ND		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-053
Client ID: W-34(3.5-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/02/2012
Data file: Y7841.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 66.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.112	0.045
Aroclor-1221	ND		0.112	0.045
Aroclor-1232	ND		0.112	0.045
Aroclor-1242	ND		0.112	0.045
Aroclor-1248	ND		0.112	0.045
Aroclor-1254	ND		0.112	0.045
Aroclor-1260	ND		0.112	0.045
Aroclor-1262	ND		0.112	0.045
Aroclor-1268	ND		0.112	0.045
PCBs	ND		0.112	0.045

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-054
Client ID: W-34(4.0-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/02/2012
Data file: Y7842.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	ND		0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	ND		0.046	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-055
Client ID: X-33(0-2.0
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/04/2012
Data file: Y7923.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.48g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 19.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.55	1.82
Aroclor-1221	ND		4.55	1.82
Aroclor-1232	ND		4.55	1.82
Aroclor-1242	ND		4.55	1.82
Aroclor-1248	58.7		4.55	1.82
Aroclor-1254	ND		4.55	1.82
Aroclor-1260	117		4.55	1.82
Aroclor-1262	ND		4.55	1.82
Aroclor-1268	ND		4.55	1.82
PCBs	176		4.55	1.82

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-056
Client ID: X-33(2.0-3
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/04/2012
Data file: Y7924.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 26.9

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	9.57		0.108	0.043
Aroclor-1268	ND		0.108	0.043
PCBs	9.57		0.108	0.043

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-057
Client ID: X-33(3.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/03/2012
Data file: Y7845.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 42.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.068	0.027
Aroclor-1221	ND		0.068	0.027
Aroclor-1232	ND		0.068	0.027
Aroclor-1242	ND		0.068	0.027
Aroclor-1248	ND		0.068	0.027
Aroclor-1254	ND		0.068	0.027
Aroclor-1260	ND		0.068	0.027
Aroclor-1262	ND		0.068	0.027
Aroclor-1268	ND		0.068	0.027
PCBs	ND		0.068	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-058
Client ID: X-33(4.0-4
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/03/2012
Data file: Y7846.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.73g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.157	0.063
Aroclor-1221	ND		0.157	0.063
Aroclor-1232	ND		0.157	0.063
Aroclor-1242	ND		0.157	0.063
Aroclor-1248	ND		0.157	0.063
Aroclor-1254	ND		0.157	0.063
Aroclor-1260	ND		0.157	0.063
Aroclor-1262	ND		0.157	0.063
Aroclor-1268	ND		0.157	0.063
PCBs	ND		0.157	0.063

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 07371-059
Client ID: X-33(4.5-6
Date Received: 07/23/2012
Date Extracted: 07/30/2012
Date Analyzed: 08/03/2012
Data file: Y7847.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.2

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: 07371-060
Client ID: FB-18
Date Received: 07/23/2012
Date Extracted: 07/26/2012
Date Analyzed: 07/31/2012
Data file: Y7725.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

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: 08/03/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120727-13	SOIL	126		103		116		102	
SOILCOMP	07283-015	SOIL	120		120		119		114	
01	07467-001	SOIL	122		92		117		90	
GS-14-P4R/	07525-021	SOIL	125		104		115		105	
R-12(6.5-8	07337-051	SOIL	136		109		131		109	
S-11(0-2.0	07337-052	SOIL	80		133		120		113	
S-11(2.0-4	07337-053	SOIL	100		123		120		144	
S-11(6.0-8	07337-055	SOIL	114		171		161		150	
W-30(0-2.0	07371-001	SOIL	139		121		123		109	
W-30(2.0-3	07371-002	SOIL	91		107		96		81	
W-30(3.25-	07371-003	SOIL	92		111		81		79	
W-30(4.0-6	07371-004	SOIL	83		94		85		76	
W-32(0-2.0	07371-005	SOIL	126		96		117		83	
W-32(2.0-4	07371-006	SOIL	81		89		58		40	
W-32(4.0-4	07371-007	SOIL	145		157		137		120	
W-32(4.75-	07371-008	SOIL	129		110		122		84	
W-33(0-2.0	07371-009	SOIL	144		155		121		82	
W-33(2.0-4	07371-010	SOIL	115		105		100		72	
W-33(4.0-5	07371-011	SOIL	155		M		153		121	
W-33(5.25-	07371-012	SOIL	161		154		161		110	
PCB	07371-012MS	SOIL	131		105		115		77	
PCB	07371-012MSD	SOIL	123		101		110		79	
PCB	LCSS120727-13	SOIL	130		94		115		75	
S-11(4.0-6	07337-054	SOIL	83		89		93		78	

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: 08/06/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
V-33(2.0-4	07371-014	SOIL	108		82		98		77	
V-33(4.0-5	07371-015	SOIL	115		123		116		105	
V-33(5.0-6	07371-016	SOIL	112		93		99		74	
V-34(0-2.0	07371-017	SOIL	148		115		116		82	
V-34(2.0-3	07371-018	SOIL	114		96		102		74	
V-34(3.0-4	07371-019	SOIL	109		112		112		100	
V-34(4.0-6	07371-020	SOIL	107		81		101		73	
V-35(0-2.0	07371-021	SOIL	136		105		118		85	
V-35(3.5-4	07371-023	SOIL	91		99		117		76	
V-35(4.0-6	07371-024	SOIL	111		76		104		75	
V-36(2.0-3	07371-026	SOIL	D		D		D		D	
V-36(3.0-4	07371-027	SOIL	D		D		D		D	
V-36(4.0-5	07371-028	SOIL	100		78		110		72	
V-36(5.0-6	07371-029	SOIL	99		64		95		60	
V-37(0-2.0	07371-030	SOIL	117		98		107		71	
V-37(2.0-3	07371-031	SOIL	D		D		D		D	
V-37(3.0-4	07371-032	SOIL	D		D		D		D	
PCB	07371-032MS	SOIL	D		D		D		D	
PCB	07371-032MSD	SOIL	D		D		D		D	
PCB	LCSS120730-03	SOIL	123		75		110		70	
V-33(0-2.0	07371-013	SOIL	130		96		118		78	
V-35(2.0-3	07371-022	SOIL	D		D		D		D	
V-36(0-2.0	07371-025	SOIL	D		D		D		D	
PCB	BLKS120730-03	SOIL	112		76		106		76	

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	BLKS120730-04	SOIL	119		83		105		72	
V-37(4.0-5	07371-033	SOIL	D		D		D		D	
V-37(5.0-6	07371-034	SOIL	93		93		89		49	
W-37(0-2.0	07371-035	SOIL	D		D		D		D	
W-37(2.0-3	07371-036	SOIL	D		D		D		D	
W-37(3.0-4	07371-037	SOIL	D		D		D		D	
W-37(4.0-5	07371-038	SOIL	D		D		D		D	
W-37(5.0-6	07371-039	SOIL	81		125		111		90	
W-37(6.0-8	07371-040	SOIL	107		86		98		68	
W-36(3.0-3	07371-043	SOIL	D		D		D		D	
W-36(3.25-	07371-044	SOIL	80		96		102		85	
W-36(4.0-6	07371-045	SOIL	98		76		97		67	
W-35(0-2.0	07371-046	SOIL	D		D		D		D	
W-35(4.5-6	07371-049	SOIL	97		87		97		66	
W-34(0-1.0	07371-050	SOIL	117		97		107		72	
W-34(1.0-2	07371-051	SOIL	58		65		50		64	
W-34(2.0-3	07371-052	SOIL	64		79		69		65	
PCB	07371-052MS	SOIL	66		77		70		67	
PCB	07371-052MSD	SOIL	60		80		64		71	
PCB	LCSS120730-04	SOIL	95		59		88		53	
W-36(0-2.0	07371-041	SOIL	D		D		D		D	
W-35(4.25-	07371-048	SOIL	122		M		132		155	
W-36(2.0-3	07371-042	SOIL	D		D		D		D	
W-35(2.0-4	07371-047	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

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: LCSS120727-13

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	424.6	85	70 - 130
Aroclor-1260	500.0	0.0	394.7	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: LCSS120730-03

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	464.2	93	70 - 130
Aroclor-1260	500.0	0.0	495.9	99	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: LCSS120730-04

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	429.7	86	70 - 130
Aroclor-1260	500.0	0.0	446.0	89	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: 07371-012MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	400.1	80	40 - 140
Aroclor-1260	500.0	0.0	387.2	77	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	402.4		80	0	50	40 - 140
Aroclor-1260	0.0	386.2		77	0	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: 07371-032MSD

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: 07371-052MSD

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	425.7	85	40 - 140
Aroclor-1260	500.0	0.0	469.4	94	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	435.7	87	2	50	40 - 140
Aroclor-1260	0.0	455.7	91	3	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: R2327.D

Instrument ID: GC-R

Date Extracted: 07/27/2012

Matrix: SOIL

Date Analyzed: 08/03/2012

Time Analyzed: 19:09

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
SOILCOMP	07283-015	08/03/2012	19:27
01	07467-001	08/03/2012	19:44
GS-14-P4R/	07525-021	08/03/2012	20:02
R-12(6.5-8	07337-051	08/03/2012	20:19
S-11(0-2.0	07337-052	08/03/2012	20:36
S-11(2.0-4	07337-053	08/03/2012	20:54
S-11(6.0-8	07337-055	08/03/2012	21:29
W-30(0-2.0	07371-001	08/03/2012	21:46
W-30(2.0-3	07371-002	08/03/2012	22:04
W-30(3.25-	07371-003	08/03/2012	22:21
W-30(4.0-6	07371-004	08/03/2012	22:38
W-32(0-2.0	07371-005	08/03/2012	22:56
W-32(2.0-4	07371-006	08/03/2012	23:13
W-32(4.0-4	07371-007	08/03/2012	23:31
W-32(4.75-	07371-008	08/03/2012	23:48
W-33(0-2.0	07371-009	08/04/2012	00:06
W-33(2.0-4	07371-010	08/04/2012	00:23
W-33(4.0-5	07371-011	08/04/2012	00:41
W-33(5.25-	07371-012	08/04/2012	00:58
PCB	07371-012MS	08/04/2012	01:15
PCB	07371-012MSD	08/04/2012	01:33
PCB	LCSS120727-13	08/04/2012	01:50
S-11(4.0-6	07337-054	08/05/2012	13:55

PCB METHOD BLANK SUMMARY

Lab File ID: R2521.D

Instrument ID: GC-R

Date Extracted: 07/30/2012

Matrix: SOIL

Date Analyzed: 08/07/2012

Time Analyzed: 18:29

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
V-33(2.0-4	07371-014	08/06/2012	13:31
V-33(4.0-5	07371-015	08/06/2012	13:48
V-33(5.0-6	07371-016	08/06/2012	14:06
V-34(0-2.0	07371-017	08/06/2012	14:23
V-34(2.0-3	07371-018	08/06/2012	14:41
V-34(3.0-4	07371-019	08/06/2012	14:58
V-34(4.0-6	07371-020	08/06/2012	15:16
V-35(0-2.0	07371-021	08/06/2012	15:33
V-35(3.5-4	07371-023	08/06/2012	16:08
V-35(4.0-6	07371-024	08/06/2012	16:25
V-36(2.0-3	07371-026	08/06/2012	17:18
V-36(3.0-4	07371-027	08/06/2012	17:35
V-36(4.0-5	07371-028	08/06/2012	18:44
V-36(5.0-6	07371-029	08/06/2012	19:01
V-37(0-2.0	07371-030	08/06/2012	19:18
V-37(2.0-3	07371-031	08/06/2012	19:36
V-37(3.0-4	07371-032	08/06/2012	19:53
PCB	07371-032MS	08/06/2012	20:11
PCB	07371-032MSD	08/06/2012	20:28
PCB	LCSS120730-03	08/06/2012	20:46
V-33(0-2.0	07371-013	08/06/2012	21:38
V-35(2.0-3	07371-022	08/06/2012	21:55
V-36(0-2.0	07371-025	08/06/2012	22:13

PCB METHOD BLANK SUMMARY

Lab File ID: R2495.D

Instrument ID: GC-R

Date Extracted: 07/30/2012

Matrix: SOIL

Date Analyzed: 08/07/2012

Time Analyzed: 06:55

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
V-37(4.0-5	07371-033	08/07/2012	07:13
V-37(5.0-6	07371-034	08/07/2012	07:30
W-37(0-2.0	07371-035	08/07/2012	07:48
W-37(2.0-3	07371-036	08/07/2012	08:05
W-37(3.0-4	07371-037	08/07/2012	08:23
W-37(4.0-5	07371-038	08/07/2012	08:40
W-37(5.0-6	07371-039	08/07/2012	08:58
W-37(6.0-8	07371-040	08/07/2012	09:15
W-36(3.0-3	07371-043	08/07/2012	10:08
W-36(3.25-	07371-044	08/07/2012	10:25
W-36(4.0-6	07371-045	08/07/2012	10:43
W-35(0-2.0	07371-046	08/07/2012	11:00
W-35(4.5-6	07371-049	08/07/2012	11:53
W-34(0-1.0	07371-050	08/07/2012	12:10
W-34(1.0-2	07371-051	08/07/2012	12:28
W-34(2.0-3	07371-052	08/07/2012	12:45
PCB	07371-052MS	08/07/2012	13:03
PCB	07371-052MSD	08/07/2012	13:20
PCB	LCSS120730-04	08/07/2012	13:55
W-36(0-2.0	07371-041	08/07/2012	19:04
W-35(4.25-	07371-048	08/07/2012	19:21
W-36(2.0-3	07371-042	08/09/2012	14:04
W-35(2.0-4	07371-047	08/09/2012	14:22

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-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 WI NDOW 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 WI NDOW 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 WINDOW 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 WINDOW 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

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2326.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	3395538	3.88
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4399576	0.32
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5772360	10.52
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2614573	13.29
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4688780	15.35
Aroclor-1260	9.25	8.35	10.15	14020044	13404344	4.39
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6332647	14.60
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21044888	15.85
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8696904	16.31
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4058691	12.57
					Average %D	10.71

Data File: R2326.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.32	4.24	4.38	2746355	2677772	2.50
Aroclor-1016 {2}	4.94	4.86	5.00	5452724	5080578	6.82
Aroclor-1016 {3}	5.72	5.63	5.77	12028338	11327242	5.83
Aroclor-1016 {4}	5.93	5.84	5.98	5029442	5001019	0.57
Aroclor-1016 {5}	6.11	6.02	6.16	3968810	4044794	1.91
Aroclor-1260	8.77	7.85	9.65	6315488	5497560	12.95
Aroclor-1260 {2}	9.18	8.26	10.06	7298547	6387360	12.48
Aroclor-1260 {3}	10.38	9.47	11.27	5040054	4443050	11.85
Aroclor-1260 {4}	10.89	9.98	11.78	10029157	9888636	1.40
Aroclor-1260 {5}	11.49	10.58	12.38	8122975	7439821	8.41
					Average %D	6.47

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2351.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	3559087	0.75
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4782233	9.04
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6430918	0.31
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2918970	3.20
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	5121687	7.53
Aroclor-1260	9.25	8.35	10.15	14020044	15619320	11.41
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7114059	4.06
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22591047	9.67
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10650313	2.48
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4613108	0.63
					Average %D	4.91

Data File: R2351.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	2596373	5.46
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5104469	6.39
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	11164605	7.18
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4721194	6.13
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3657269	7.85
Aroclor-1260	8.76	7.85	9.65	6315488	5320416	15.76
Aroclor-1260 {2}	9.17	8.26	10.06	7298547	6185486	15.25
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4382368	13.05
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	9106880	9.20
Aroclor-1260 {5}	11.48	10.58	12.38	8122975	6930233	14.68
					Average %D	10.09

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/06/2012 **Instrument ID:** GC-R

Data File: R2437.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	3027795	14.29
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	4063964	7.34
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5566529	13.71
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2551061	15.40
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4953664	10.56
Aroclor-1260	9.25	8.35	10.15	14020044	15387139	9.75
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6761135	8.82
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21442703	14.26
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8985761	13.54
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	3887825	16.25
					Average %D	12.39

Data File: R2437.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	2306543	16.01
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4802051	11.93
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10444094	13.17
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4305595	14.39
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	3357594	15.40
Aroclor-1260	8.76	7.85	9.65	6315488	5403828	14.44
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6318422	13.43
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4585101	9.03
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	10210507	1.81
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7287064	10.29
					Average %D	11.99

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/06/2012 **Instrument ID:** GC-R

Data File: R2462.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	3091924	12.48
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4013654	8.48
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5635243	12.64
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2607042	13.54
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	5391897	2.65
Aroclor-1260	9.25	8.35	10.15	14020044	15663378	11.72
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6702193	9.62
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	20964969	16.17
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8884672	14.51
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4375811	5.74
					Average %D	10.76

Data File: R2462.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	2330254	15.15
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5093312	6.59
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10008422	16.79
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4319592	14.11
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	3345881	15.70
Aroclor-1260	8.75	7.85	9.65	6315488	5284456	16.33
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6137221	15.91
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4305464	14.58
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	9305487	7.22
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6846449	15.72
					Average %D	13.81

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/06/2012 **Instrument ID:** GC-R

Data File: R2463.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	3188199	9.75
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	4117206	6.12
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5807449	9.97
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2700141	10.45
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4716818	14.84
Aroclor-1260	9.25	8.35	10.15	14020044	15222015	8.57
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7542880	1.72
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	23886258	4.49
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9748508	6.20
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4096691	11.75
					Average %D	8.39

Data File: R2463.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	2335865	14.95
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5301476	2.77
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10096262	16.06
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4350319	13.50
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3381706	14.79
Aroclor-1260	8.75	7.85	9.65	6315488	5456574	13.60
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6359582	12.87
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4513489	10.45
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9858779	1.70
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7116301	12.39
					Average %D	11.31

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/06/2012 **Instrument ID:** GC-R

Data File: R2467.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	3159319	10.57
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	4068003	7.24
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5816034	9.84
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2913074	3.39
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	5205610	6.02
Aroclor-1260	9.25	8.35	10.15	14020044	15678404	11.83
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8248618	11.24
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	26887916	7.51
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	12135564	16.77
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4917627	5.93
					Average %D	9.03

Data File: R2467.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	2367071	13.81
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4661824	14.50
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10448755	13.13
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4615634	8.23
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	3552997	10.48
Aroclor-1260	8.75	7.85	9.65	6315488	5635202	10.77
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6467382	11.39
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4606374	8.60
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	10134156	1.05
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7277509	10.41
					Average %D	10.24

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2520.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	3061067	13.35
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3871753	11.72
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	5682456	11.91
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	2770251	8.13
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5018464	9.39
Aroclor-1260	9.26	8.35	10.15	14020044	15124799	7.88
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6362416	14.20
Aroclor-1260 {3}	10.43	9.51	11.31	25008604	21244250	15.05
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	9335123	10.17
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4016126	13.49
					Average %D	11.53

Data File: R2520.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.33	4.24	4.38	2746355	2549623	7.16
Aroclor-1016 {2}	4.95	4.86	5.00	5452724	4814269	11.71
Aroclor-1016 {3}	5.72	5.63	5.77	12028338	10970223	8.80
Aroclor-1016 {4}	5.94	5.84	5.98	5029442	4721293	6.13
Aroclor-1016 {5}	6.11	6.02	6.16	3968810	3700409	6.76
Aroclor-1260	8.77	7.85	9.65	6315488	5965650	5.54
Aroclor-1260 {2}	9.18	8.26	10.06	7298547	6769889	7.24
Aroclor-1260 {3}	10.38	9.47	11.27	5040054	4628560	8.16
Aroclor-1260 {4}	10.89	9.98	11.78	10029157	9735804	2.93
Aroclor-1260 {5}	11.49	10.58	12.38	8122975	6929525	14.69
					Average %D	7.91

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2536.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	3435561	2.75
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3943338	10.09
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6170978	4.34
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3077535	2.06
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5507024	0.57
Aroclor-1260	9.26	8.35	10.15	14020044	16481430	17.56
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6465633	12.81
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21280157	14.91
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8789811	15.42
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4284930	7.70
					Average %D	8.82

Data File: R2536.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	2658212	3.21
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4970280	8.85
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	11325696	5.84
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4913079	2.31
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3806845	4.08
Aroclor-1260	8.76	7.85	9.65	6315488	6046694	4.26
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6803765	6.78
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4557975	9.56
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	9698087	3.30
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6924667	14.75
					Average %D	6.29

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2494.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	2998407	15.12
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3804598	13.25
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5561860	13.78
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2738109	9.19
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4919734	11.18
Aroclor-1260	9.25	8.35	10.15	14020044	16072217	14.64
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6904670	6.89
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21740634	13.07
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9696225	6.70
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4416104	4.87
					Average %D	10.87

Data File: R2494.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	2323928	15.38
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4887842	10.36
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10090414	16.11
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4346861	13.57
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3402148	14.28
Aroclor-1260	8.76	7.85	9.65	6315488	5538304	12.31
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6343423	13.09
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4405136	12.60
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9505099	5.23
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7011023	13.69
					Average %D	12.66

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2519.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	3130155	11.40
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3848192	12.26
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5630102	12.72
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	2789917	7.48
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5270434	4.85
Aroclor-1260	9.26	8.35	10.15	14020044	15186778	8.32
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6614251	10.80
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21931369	12.30
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	9170678	11.76
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	3874732	16.53
					Average %D	10.84

Data File: R2519.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.32	4.24	4.38	2746355	2550512	7.13
Aroclor-1016 {2}	4.94	4.86	5.00	5452724	4864167	10.79
Aroclor-1016 {3}	5.72	5.63	5.77	12028338	11035955	8.25
Aroclor-1016 {4}	5.93	5.84	5.98	5029442	4986469	0.85
Aroclor-1016 {5}	6.11	6.02	6.16	3968810	3991094	0.56
Aroclor-1260	8.77	7.85	9.65	6315488	5819415	7.85
Aroclor-1260 {2}	9.18	8.26	10.06	7298547	6549835	10.26
Aroclor-1260 {3}	10.38	9.47	11.27	5040054	4596711	8.80
Aroclor-1260 {4}	10.89	9.98	11.78	10029157	9953466	0.75
Aroclor-1260 {5}	11.49	10.58	12.38	8122975	6946261	14.49
					Average %D	6.97

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2520.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	3061067	13.35
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3871753	11.72
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	5682456	11.91
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	2770251	8.13
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5018464	9.39
Aroclor-1260	9.26	8.35	10.15	14020044	15124799	7.88
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6362416	14.20
Aroclor-1260 {3}	10.43	9.51	11.31	25008604	21244250	15.05
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	9335123	10.17
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4016126	13.49
					Average %D	11.53

Data File: R2520.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.33	4.24	4.38	2746355	2549623	7.16
Aroclor-1016 {2}	4.95	4.86	5.00	5452724	4814269	11.71
Aroclor-1016 {3}	5.72	5.63	5.77	12028338	10970223	8.80
Aroclor-1016 {4}	5.94	5.84	5.98	5029442	4721293	6.13
Aroclor-1016 {5}	6.11	6.02	6.16	3968810	3700409	6.76
Aroclor-1260	8.77	7.85	9.65	6315488	5965650	5.54
Aroclor-1260 {2}	9.18	8.26	10.06	7298547	6769889	7.24
Aroclor-1260 {3}	10.38	9.47	11.27	5040054	4628560	8.16
Aroclor-1260 {4}	10.89	9.98	11.78	10029157	9735804	2.93
Aroclor-1260 {5}	11.49	10.58	12.38	8122975	6929525	14.69
					Average %D	7.91

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2530.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	3235845	8.40
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3845303	12.32
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	5771946	10.52
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2926537	2.94
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5151016	7.00
Aroclor-1260	9.26	8.35	10.15	14020044	14019481	0.00
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6365637	14.16
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21488096	14.08
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10163935	2.20
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4307803	7.21
					Average %D	7.88

Data File: R2530.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	2493837	9.19
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4681300	14.15
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10603167	11.85
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4560917	9.32
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3544431	10.69
Aroclor-1260	8.76	7.85	9.65	6315488	5301921	16.05
Aroclor-1260 {2}	9.17	8.26	10.06	7298547	6115026	16.22
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	4245090	15.77
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	8640093	13.85
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6697130	17.55
					Average %D	13.46

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2633.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	3876692	9.74
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5251422	19.74
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6919975	7.27
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3335313	10.61
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5895746	6.44
Aroclor-1260	9.26	8.35	10.15	14020044	16330474	16.48
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	7562196	1.98
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	20424758	18.33
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8684020	16.44
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4110257	11.46
					Average %D	11.85

Data File: R2633.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	2989045	8.84
Aroclor-1016 {2}	4.94	4.86	5.00	5452724	5691691	4.38
Aroclor-1016 {3}	5.72	5.63	5.77	12028338	12857877	6.90
Aroclor-1016 {4}	5.93	5.84	5.98	5029442	5730682	13.94
Aroclor-1016 {5}	6.11	6.02	6.16	3968810	4655225	17.30
Aroclor-1260	8.77	7.85	9.65	6315488	6093251	3.52
Aroclor-1260 {2}	9.18	8.26	10.06	7298547	6710134	8.06
Aroclor-1260 {3}	10.38	9.47	11.27	5040054	4564935	9.43
Aroclor-1260 {4}	10.89	9.98	11.78	10029157	8674065	13.51
Aroclor-1260 {5}	11.48	10.58	12.38	8122975	6744117	16.97
					Average %D	10.28

PCB CALIBRATION VERIFICATION SUMMARY

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

Data File: R2636.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	4014912	13.65
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5104119	16.38
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7374343	14.32
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	3439576	14.07
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5828949	5.24
Aroclor-1260	9.26	8.35	10.15	14020044	16174762	15.37
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8845943	19.29
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	25845014	3.34
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10265443	1.22
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4151293	10.58
					Average %D	11.35

Data File: R2636.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	2871195	4.55
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	5541383	1.63
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	12465504	3.63
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5275421	4.89
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4159603	4.81
Aroclor-1260	8.75	7.85	9.65	6315488	6263962	0.82
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	7090434	2.85
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	5130091	1.79
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	10160356	1.31
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7114382	12.42
					Average %D	3.87

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-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** 13.19

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120727-13	08/03/2012	19:09	3.47		13.10		3.39		13.19	
SOILCOMP	07283-015	08/03/2012	19:27	3.47		13.10		3.39		13.19	
01	07467-001	08/03/2012	19:44	3.47		13.10		3.39		13.19	
GS-14-P4R/	07525-021	08/03/2012	20:02	3.47		13.09		3.39		13.18	
R-12(6.5-8	07337-051	08/03/2012	20:19	3.47		13.10		3.39		13.18	
S-11(0-2.0	07337-052	08/03/2012	20:36	3.47		13.10		3.39		13.18	
S-11(2.0-4	07337-053	08/03/2012	20:54	3.47		13.10		3.39		13.18	
S-11(6.0-8	07337-055	08/03/2012	21:29	3.47		13.10		3.39		13.19	
W-30(0-2.0	07371-001	08/03/2012	21:46	3.47		13.10		3.39		13.18	
W-30(2.0-3	07371-002	08/03/2012	22:04	3.47		13.10		3.39		13.18	
W-30(3.25-	07371-003	08/03/2012	22:21	3.47		13.10		3.39		13.19	
W-30(4.0-6	07371-004	08/03/2012	22:38	3.47		13.10		3.39		13.19	
W-32(0-2.0	07371-005	08/03/2012	22:56	3.48		13.10		3.39		13.19	
W-32(2.0-4	07371-006	08/03/2012	23:13	3.47		13.11		3.39		13.20	
W-32(4.0-4	07371-007	08/03/2012	23:31	3.47		13.10		3.39		13.19	
W-32(4.75-	07371-008	08/03/2012	23:48	3.47		13.10		3.39		13.19	
W-33(0-2.0	07371-009	08/04/2012	00:06	3.48		13.10		3.39		13.19	
W-33(2.0-4	07371-010	08/04/2012	00:23	3.47		13.10		3.39		13.19	
W-33(4.0-5	07371-011	08/04/2012	00:41	3.47		13.10		3.39		13.19	
W-33(5.25-	07371-012	08/04/2012	00:58	3.47		13.10		3.39		13.19	
PCB	07371-012MS	08/04/2012	01:15	3.47		13.10		3.39		13.19	
PCB	07371-012MSD	08/04/2012	01:33	3.47		13.10		3.39		13.19	
PCB	LCSS120727-13	08/04/2012	01:50	3.47		13.10		3.39		13.19	
S-11(4.0-6	07337-054	08/05/2012	13:55	3.47		13.10		3.39		13.19	

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	#
V-33(2.0-4	07371-014	08/06/2012	13:31	3.47		13.10		3.39		13.18	
V-33(4.0-5	07371-015	08/06/2012	13:48	3.48		13.10		3.39		13.18	
V-33(5.0-6	07371-016	08/06/2012	14:06	3.47		13.10		3.39		13.18	
V-34(0-2.0	07371-017	08/06/2012	14:23	3.47		13.10		3.39		13.18	
V-34(2.0-3	07371-018	08/06/2012	14:41	3.47		13.10		3.39		13.18	
V-34(3.0-4	07371-019	08/06/2012	14:58	3.47		13.10		3.39		13.18	
V-34(4.0-6	07371-020	08/06/2012	15:16	3.47		13.10		3.39		13.18	
V-35(0-2.0	07371-021	08/06/2012	15:33	3.47		13.10		3.39		13.18	
V-35(3.5-4	07371-023	08/06/2012	16:08	3.47		13.10		3.39		13.18	
V-35(4.0-6	07371-024	08/06/2012	16:25	3.47		13.10		3.39		13.19	
V-36(2.0-3	07371-026	08/06/2012	17:18	D		D		D		D	
V-36(3.0-4	07371-027	08/06/2012	17:35	D		D		D		D	
V-36(4.0-5	07371-028	08/06/2012	18:44	3.48		13.10		3.41		13.20	
V-36(5.0-6	07371-029	08/06/2012	19:01	3.47		13.10		3.39		13.19	
V-37(0-2.0	07371-030	08/06/2012	19:18	3.48		13.10		3.39		13.19	
V-37(2.0-3	07371-031	08/06/2012	19:36	D		D		D		D	
V-37(3.0-4	07371-032	08/06/2012	19:53	D		D		D		D	
PCB	07371-032MS	08/06/2012	20:11	D		D		D		D	
PCB	07371-032MSD	08/06/2012	20:28	D		D		D		D	
PCB	LCSS120730-03	08/06/2012	20:46	3.48		13.10		3.39		13.18	
V-33(0-2.0	07371-013	08/06/2012	21:38	3.48		13.10		3.39		13.18	
V-35(2.0-3	07371-022	08/06/2012	21:55	D		D		D		D	
V-36(0-2.0	07371-025	08/06/2012	22:13	D		D		D		D	
PCB	BLKS120730-03	08/07/2012	18:29	3.47		13.10		3.39		13.19	

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	BLKS120730-04	08/07/2012	06:55	3.47		13.10		3.39		13.18	
V-37(4.0-5	07371-033	08/07/2012	07:13	D		D		D		D	
V-37(5.0-6	07371-034	08/07/2012	07:30	3.47		13.10		3.39		13.18	
W-37(0-2.0	07371-035	08/07/2012	07:48	D		D		D		D	
W-37(2.0-3	07371-036	08/07/2012	08:05	D		D		D		D	
W-37(3.0-4	07371-037	08/07/2012	08:23	D		D		D		D	
W-37(4.0-5	07371-038	08/07/2012	08:40	D		D		D		D	
W-37(5.0-6	07371-039	08/07/2012	08:58	3.47		13.10		3.39		13.18	
W-37(6.0-8	07371-040	08/07/2012	09:15	3.47		13.10		3.39		13.18	
W-36(3.0-3	07371-043	08/07/2012	10:08	D		D		D		D	
W-36(3.25-	07371-044	08/07/2012	10:25	3.47		13.10		3.39		13.18	
W-36(4.0-6	07371-045	08/07/2012	10:43	3.47		13.10		3.39		13.18	
W-35(0-2.0	07371-046	08/07/2012	11:00	D		D		D		D	
W-35(4.5-6	07371-049	08/07/2012	11:53	3.47		13.10		3.39		13.18	
W-34(0-1.0	07371-050	08/07/2012	12:10	3.48		13.10		3.40		13.18	
W-34(1.0-2	07371-051	08/07/2012	12:28	3.48		13.10		3.39		13.18	
W-34(2.0-3	07371-052	08/07/2012	12:45	3.47		13.10		3.39		13.18	
PCB	07371-052MS	08/07/2012	13:03	3.47		13.10		3.39		13.18	
PCB	07371-052MSD	08/07/2012	13:20	3.47		13.10		3.39		13.18	
PCB	LCSS120730-04	08/07/2012	13:55	3.48		13.10		3.40		13.19	
W-36(0-2.0	07371-041	08/07/2012	19:04	D		D		D		D	
W-35(4.25-	07371-048	08/07/2012	19:21	3.47		M		3.40		13.20	
W-36(2.0-3	07371-042	08/09/2012	14:04	D		D		D		D	
W-35(2.0-4	07371-047	08/09/2012	14:22	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 SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2336.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 21:46
Operator : YG
Sample : W-30(0-2.0,07371-001,S,5.06g,16.8,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,10
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:31:25 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	4769.9E6	3553.4E6	27.761m	24.685m
Spiked Amount 200.000			Recovery	=	13.88%	12.34%
2) S DCB	13.10	13.18	1411.5E6	869.4E6	24.180m	21.705m
Spiked Amount 200.000			Recovery	=	12.09%	10.85%
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
33) L8 Aroclor-1260	9.25	8.75	11804.1E6	4049.7E6	841.945	641.231
34) L8 Aroclor-1260 {2}	9.94	9.16	8618.9E6	5105.9E6	1162.312	699.578 #
35) L8 Aroclor-1260 {3}	10.41	10.37	29331.1E6	5163.4E6	1172.840	1024.470
36) L8 Aroclor-1260 {4}	10.91	10.87	11039.0E6	12835.1E6	1062.218	1279.778
37) L8 Aroclor-1260 {5}	11.98	11.47	8033.8E6	11524.0E6	1730.544	1418.688
Sum Aroclor-1260			68826.8E6	38678.0E6	5969.859	5063.746
Average Aroclor-1260					1193.972	1012.749
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

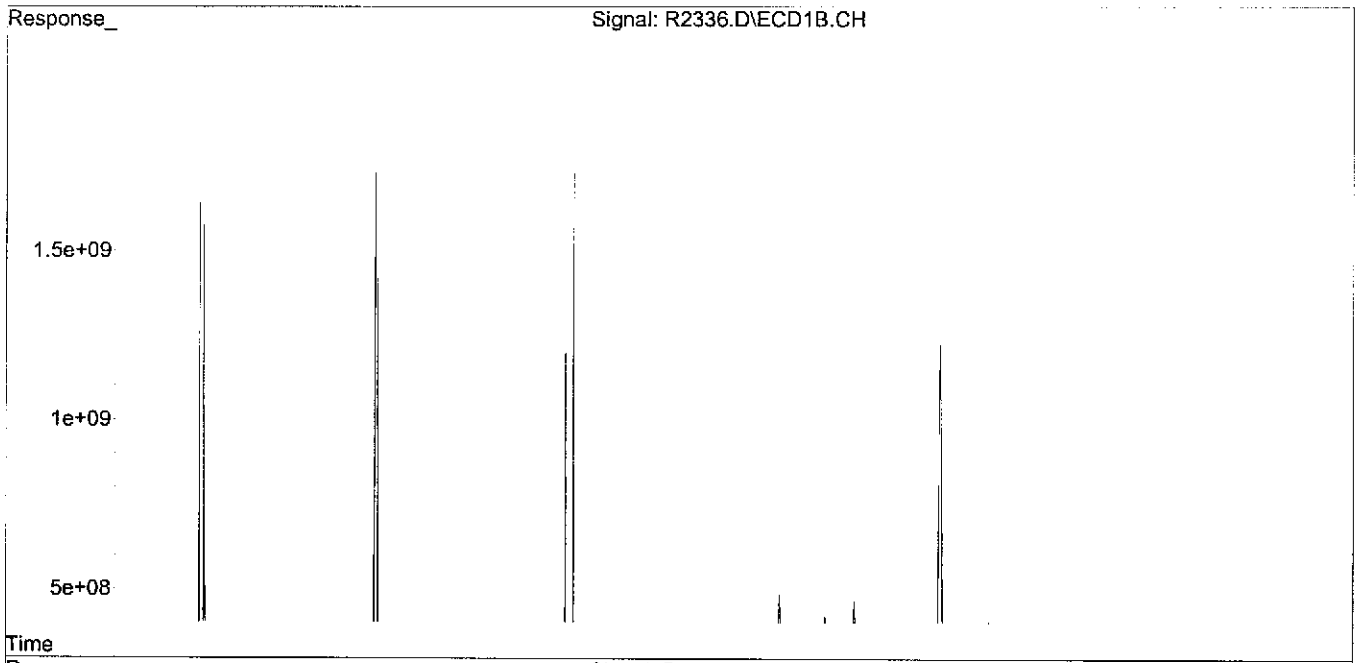
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

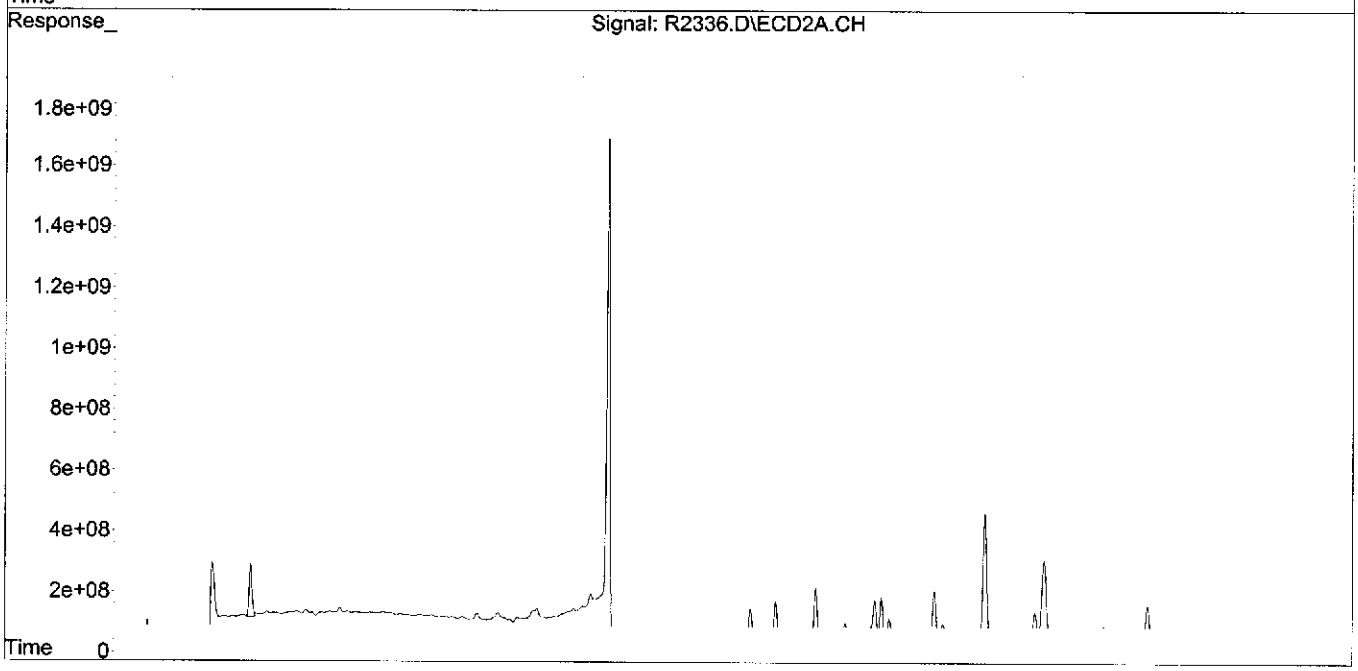
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2336.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 21:46
Operator : YG
Sample : W-30(0-2.0,07371-001,S,5.06g,16.8,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,10
ALS Vial : 11 Sample Multiplier: 1

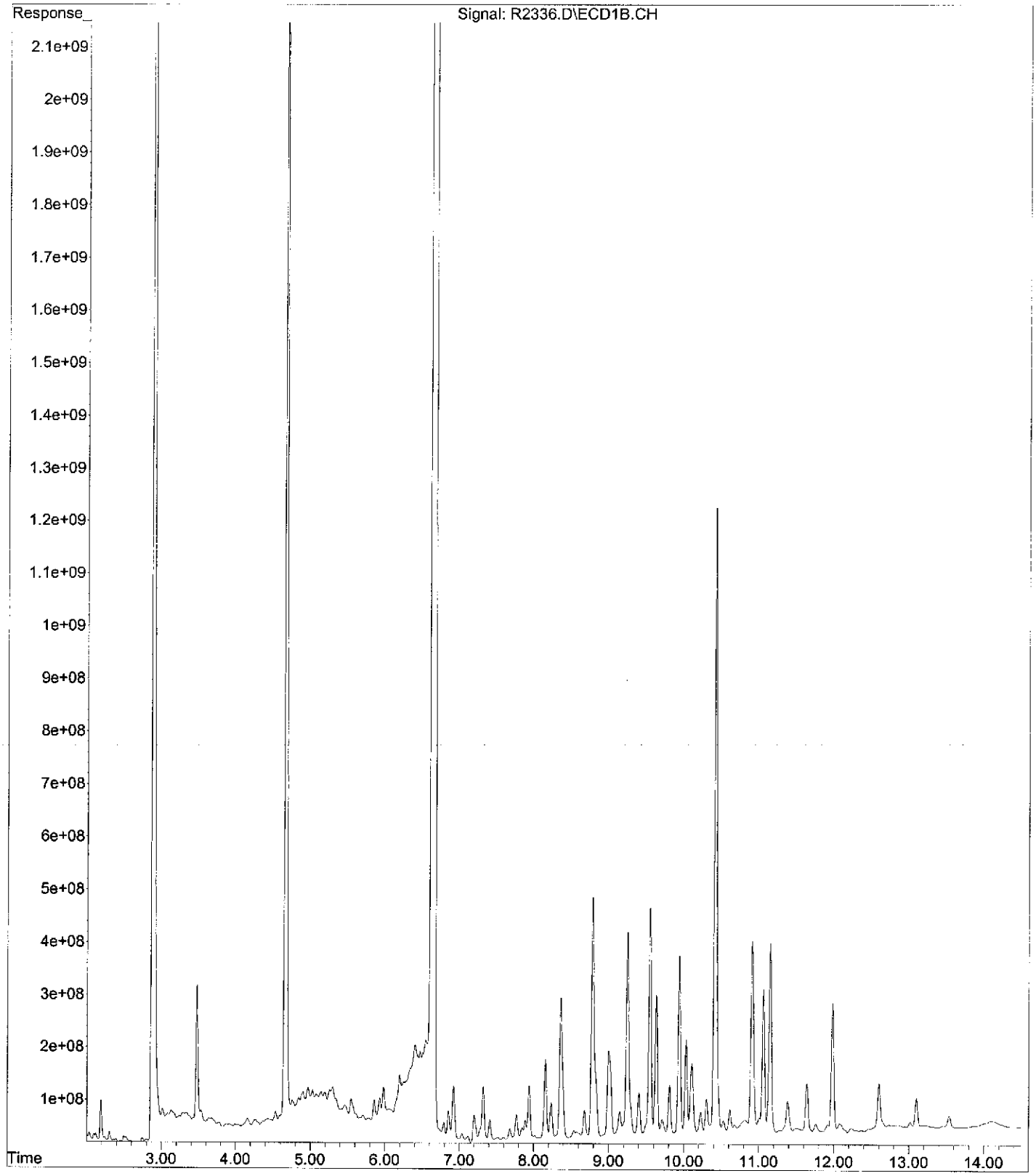
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:31:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

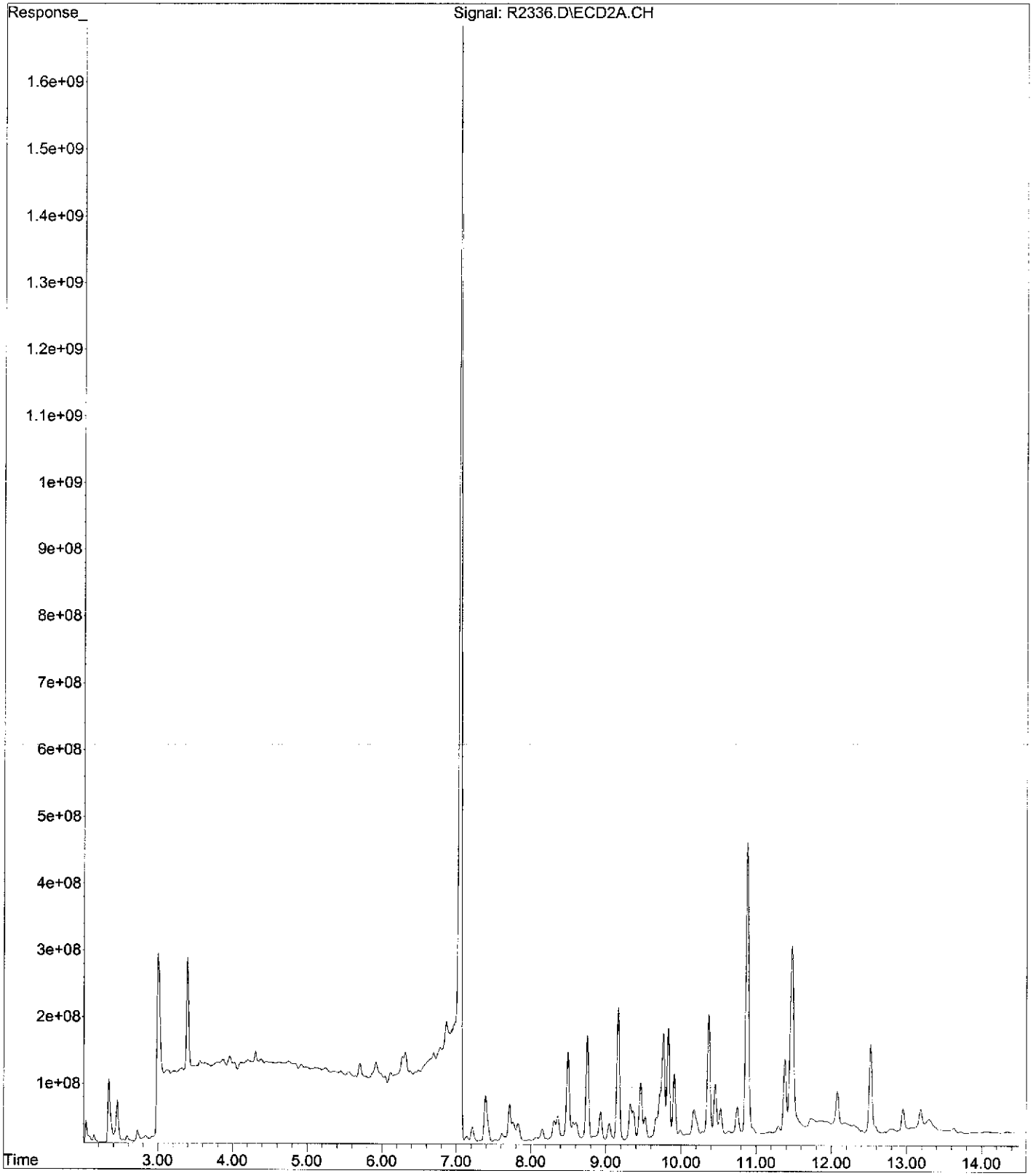




File :C:\MSDChem\1\DATA\08-03-12\R2336.D
Operator : YG
Acquired : 03 Aug 2012 21:46 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-30(0-2.0,07371-001,S,5.06g,16.8,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,10
Vial Number: 11



File :C:\MSDChem\1\DATA\08-03-12\R2336.D
Operator : YG
Acquired : 03 Aug 2012 21:46 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-30(0-2.0,07371-001,S,5.06g,16.8,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,10
Vial Number: 11



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2337.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:04
Operator : YG
Sample : W-30(2.0-3,07371-002,S,5.00g,11.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:09:39 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	3.47	3.39	31088.2E6	27659.0E6	180.937	192.143
Spiked Amount 200.000			Recovery	=	90.47%	96.07%
2) S DCB	13.10	13.18	12479.3E6	6499.7E6	213.781m	162.265
Spiked Amount 200.000			Recovery	=	106.89%	81.13%
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	10.37	1254.8E6	742.1E6	71.599m	106.290m#
39) L9 Aroclor-1262 {2}	10.41	10.87	2542.0E6	1767.8E6	85.766m	125.575m#
40) L9 Aroclor-1262 {3}	11.06	11.38	1051.9E6	688.9E6	92.130m	131.576m#
41) L9 Aroclor-1262 {4}	11.15	11.47	1834.0E6	1260.7E6	163.582m	124.406m
42) L9 Aroclor-1262 {5}	11.98	12.07	907.0E6	325.1E6	113.000m	163.009m#
Sum Aroclor-1262			7589.6E6	4784.5E6	526.077	650.857
Average Aroclor-1262					105.215	130.171
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

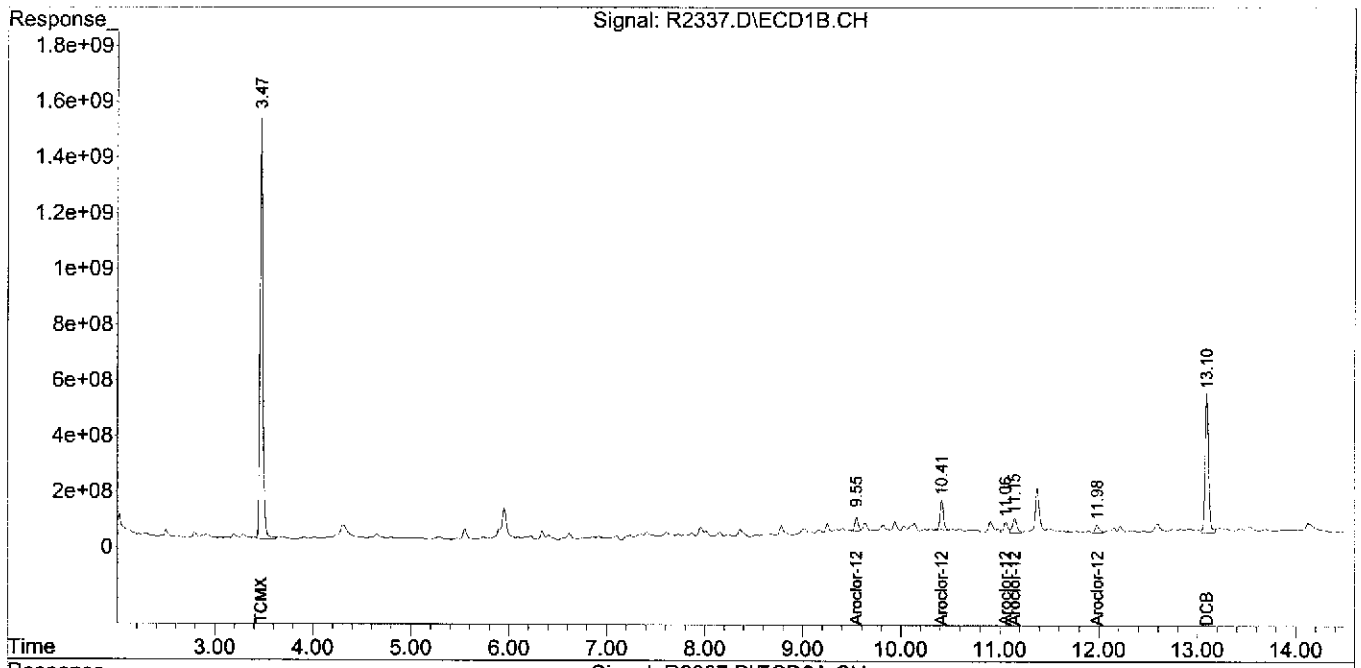
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

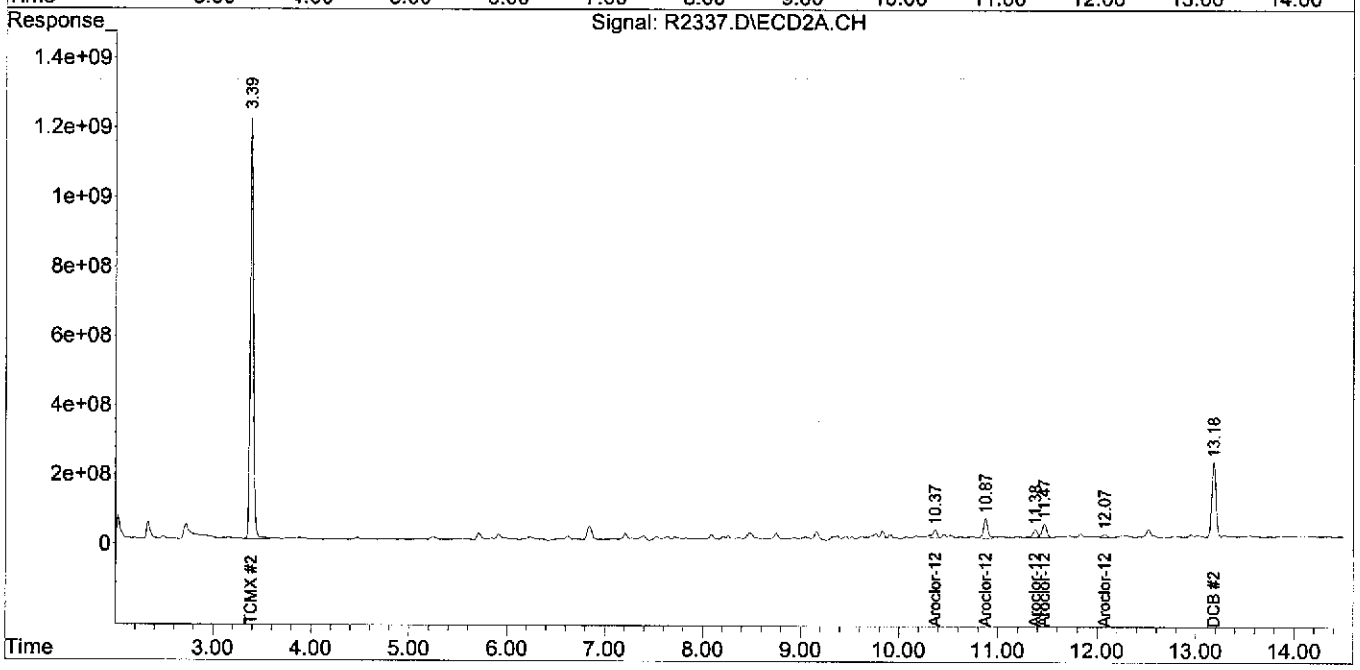
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2337.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:04
Operator : YG
Sample : W-30(2.0-3,07371-002,S,5.00g,11.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:09:39 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2338.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:21
Operator : YG
Sample : W-30(3.25-,07371-003,S,5.11g,74.8,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:10:08 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						
1) S TCMX	3.47	3.39	31443.6E6	23184.8E6	183.006	161.061
Spiked Amount 200.000			Recovery	=	91.50%	80.53%
2) S DCB	13.10	13.19	12996.3E6	6331.2E6	222.638m	158.059m#
Spiked Amount 200.000			Recovery	=	111.32%	79.03%
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

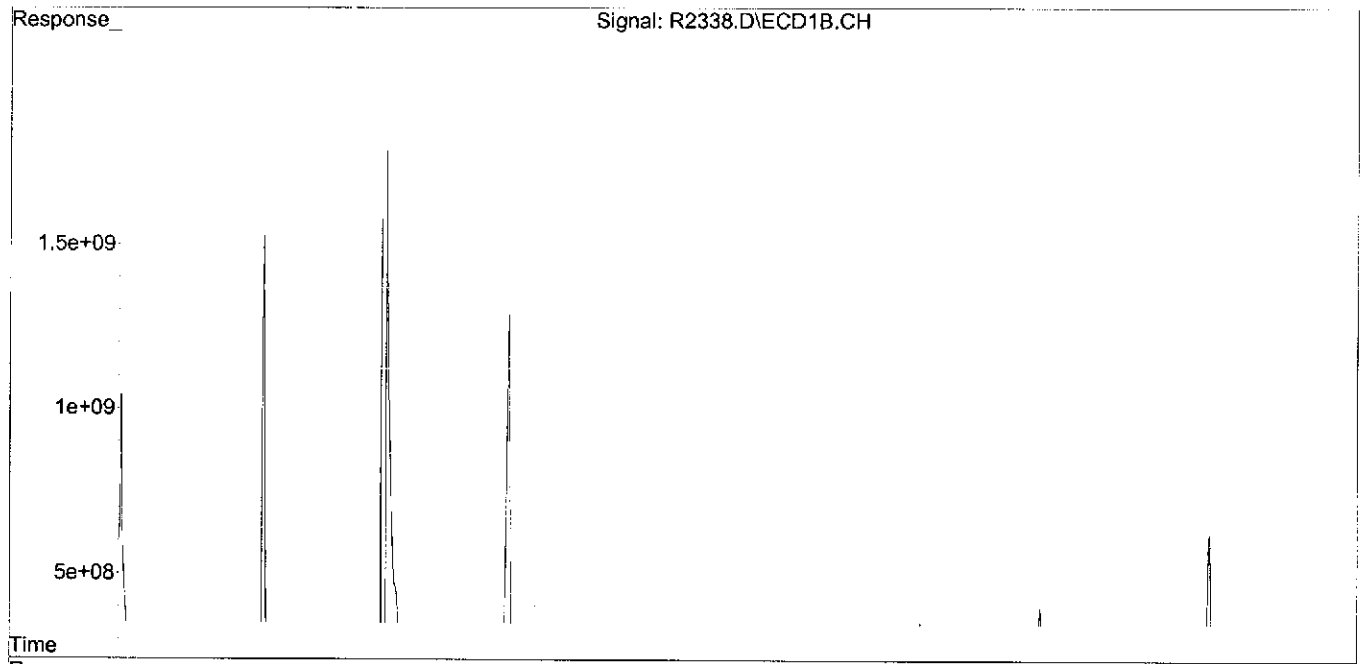
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

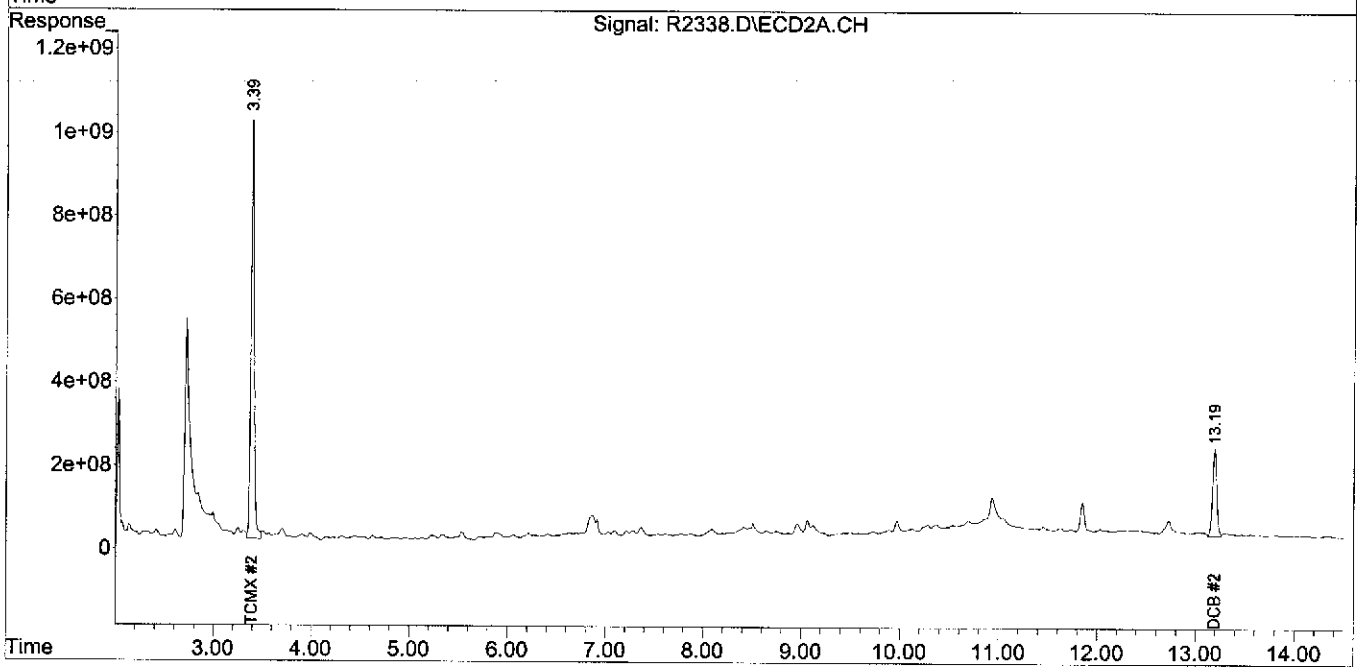
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2338.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:21
Operator : YG
Sample : W-30(3.25-,07371-003,S,5.11g,74.8,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 13 Sample Multiplier: 1

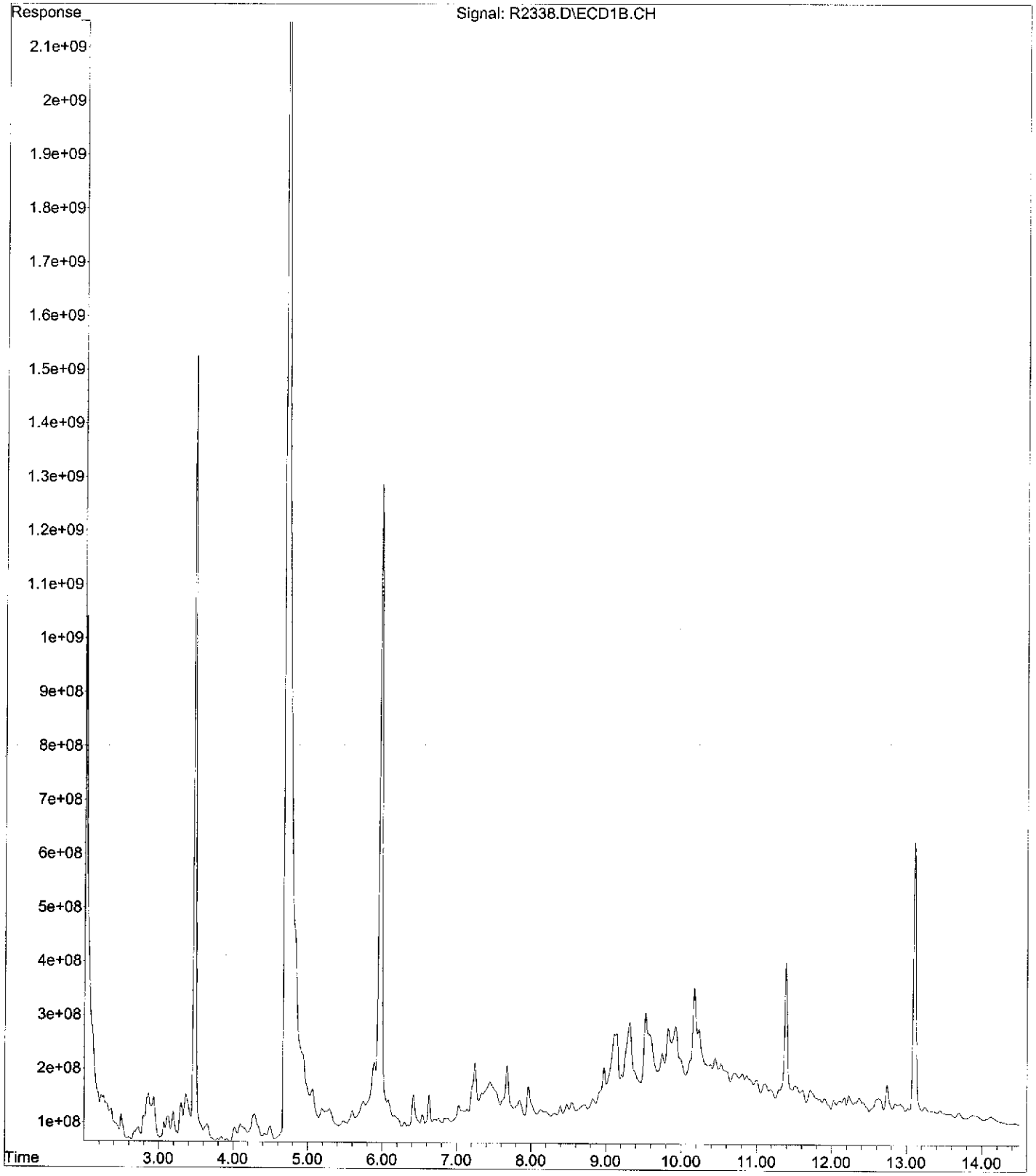
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:10:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-03-12\R2338.D
Operator : YG
Acquired : 03 Aug 2012 22:21 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-30(3.25-,07371-003,S,5.11g,74.8,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 13



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2339.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:38
Operator : YG
Sample : W-30(4.0-6,07371-004,S,5.33g,22.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:10:44 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	28379.2E6	24465.9E6	165.170	169.961
Spiked Amount 200.000			Recovery	=	82.58%	84.98%
2) S DCB	13.10	13.19	11014.9E6	6049.7E6	188.694m	151.031m
Spiked Amount 200.000			Recovery	=	94.35%	75.52%
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

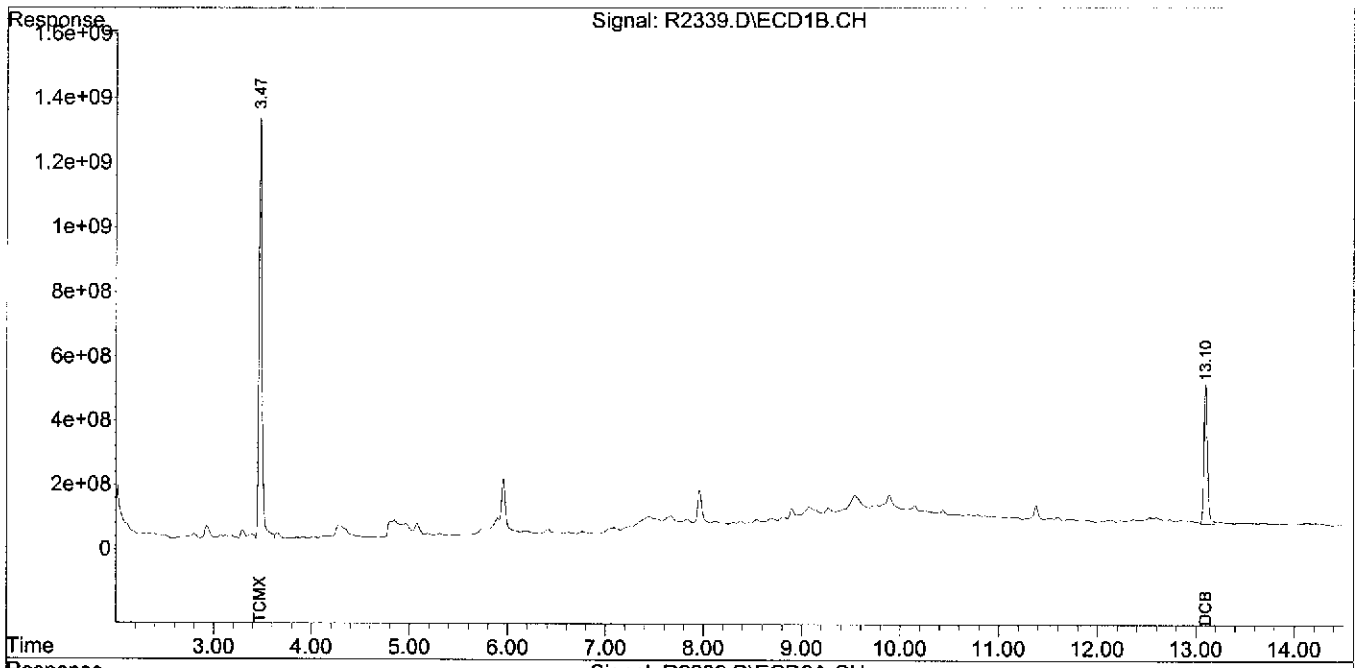
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

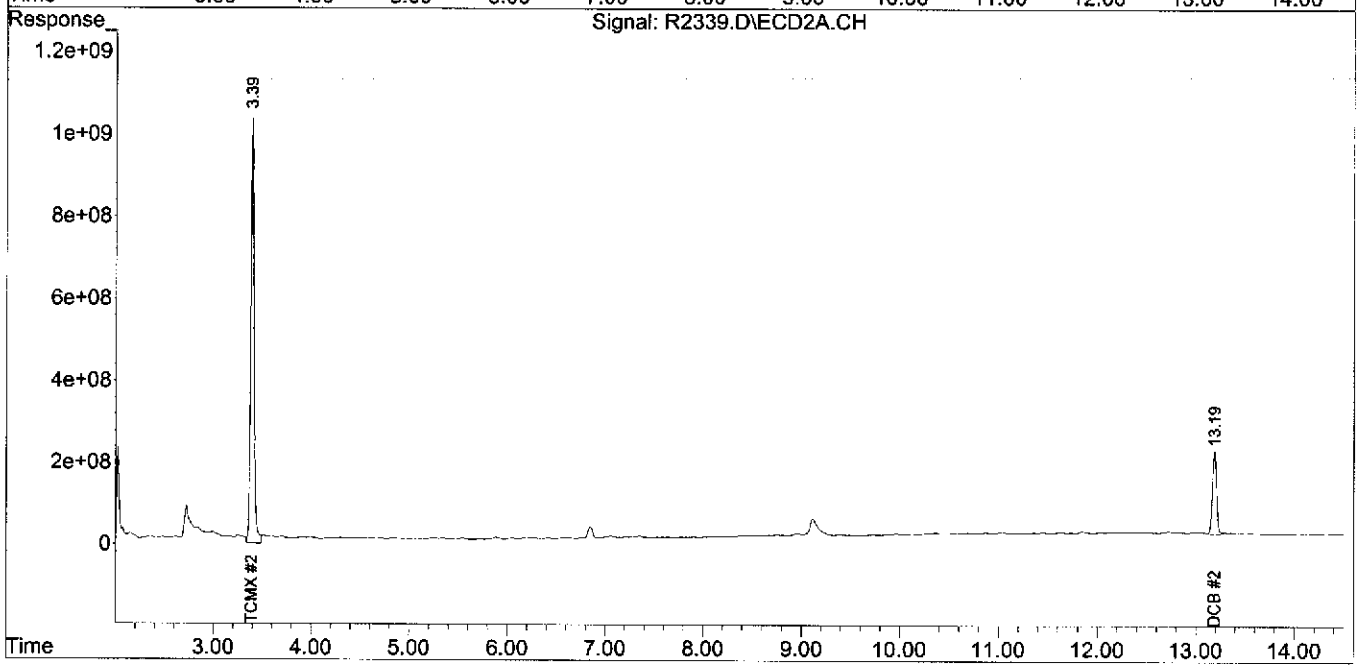
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2339.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:38
Operator : YG
Sample : W-30(4.0-6,07371-004,S,5.33g,22.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:10:44 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\08-03-12\
Data File : R2340.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:56
Operator : YG
Sample : W-32(0-2.0,07371-005,S,5.11g,15.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:11:33 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	4313.2E6	3380.5E6	25.103	23.484
Spiked Amount 200.000			Recovery	=	12.55%	11.74%
2) S DCB	13.10	13.19	1121.5E6	662.6E6	19.213m	16.542m
Spiked Amount 200.000			Recovery	=	9.61%	8.27%
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	5.30	5.70	1093.7E6	912.5E6	143.579	163.401
24) L6 Aroclor-1248 {2}	5.86	6.30	734.7E6	1553.2E6	171.266	194.511
25) L6 Aroclor-1248 {3}	6.20	6.71	960.8E6	1168.6E6	174.914	195.804
26) L6 Aroclor-1248 {4}	6.92	6.86	1799.0E6	923.3E6	211.149	180.823
27) L6 Aroclor-1248 {5}	7.20	7.22	1462.2E6	560.7E6	204.249	194.153
Sum Aroclor-1248			6050.5E6	5118.4E6	905.158	928.691
Average Aroclor-1248					181.032	185.738
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

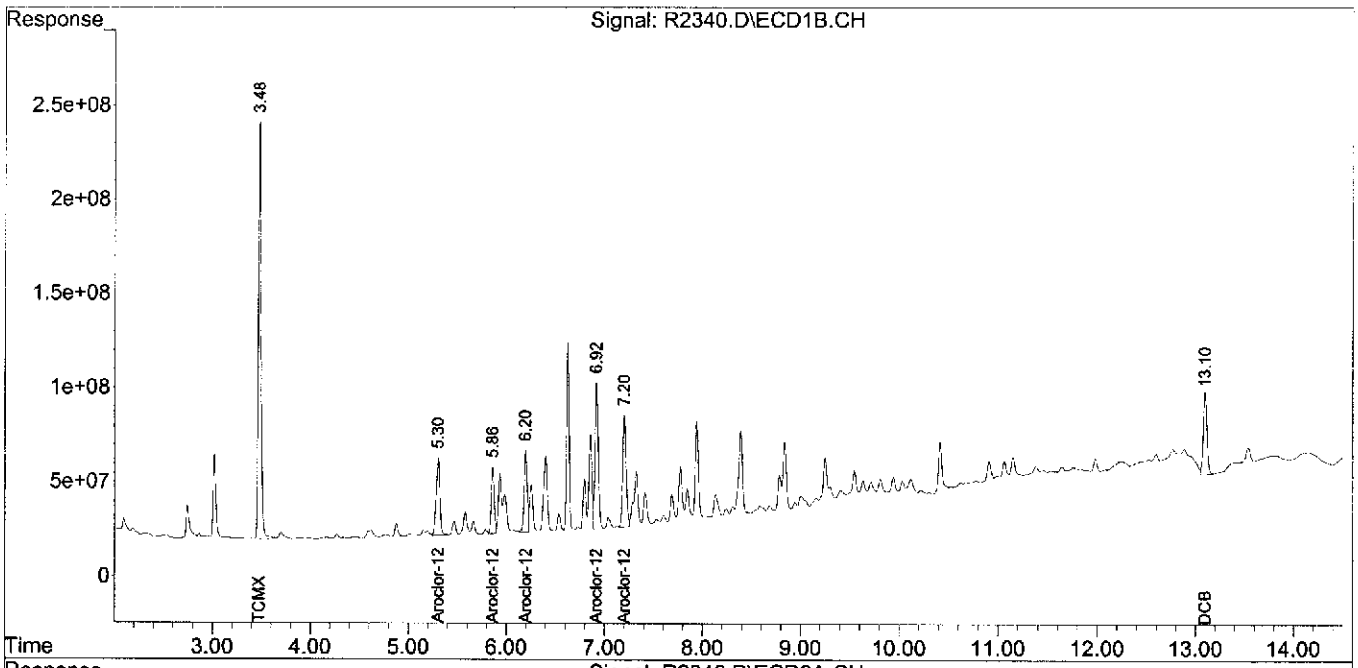
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

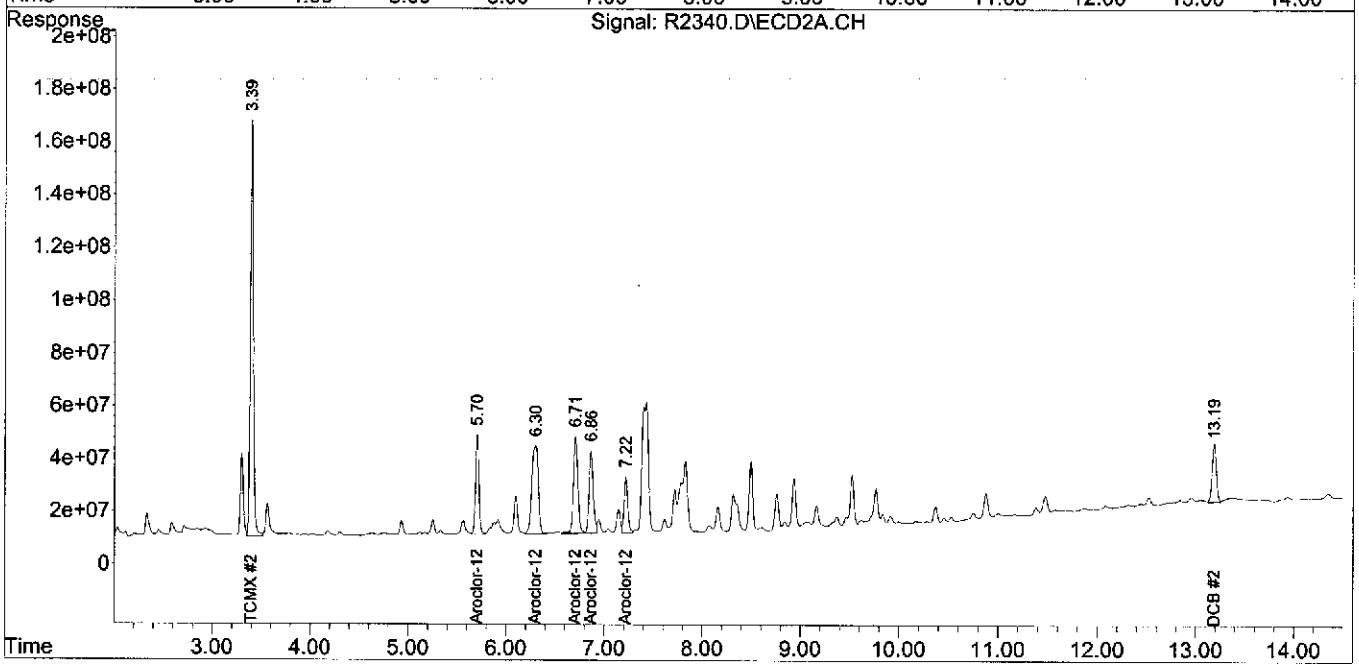
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2340.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 22:56
Operator : YG
Sample : W-32(0-2.0,07371-005,S,5.11g,15.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,10
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:11:33 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\08-03-12\
Data File : R2341.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 23:13
Operator : YG
Sample : W-32(2.0-4,07371-006,S,5.32g,29.4,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:13:29 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	27742.5E6	16555.6E6	161.465m	115.009m#
Spiked Amount 200.000			Recovery	=	80.73%	57.50%
2) S DCB	13.11	13.20	10338.8E6	3224.4E6	177.113m	80.497m#
Spiked Amount 200.000			Recovery	=	88.56%	40.25%
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

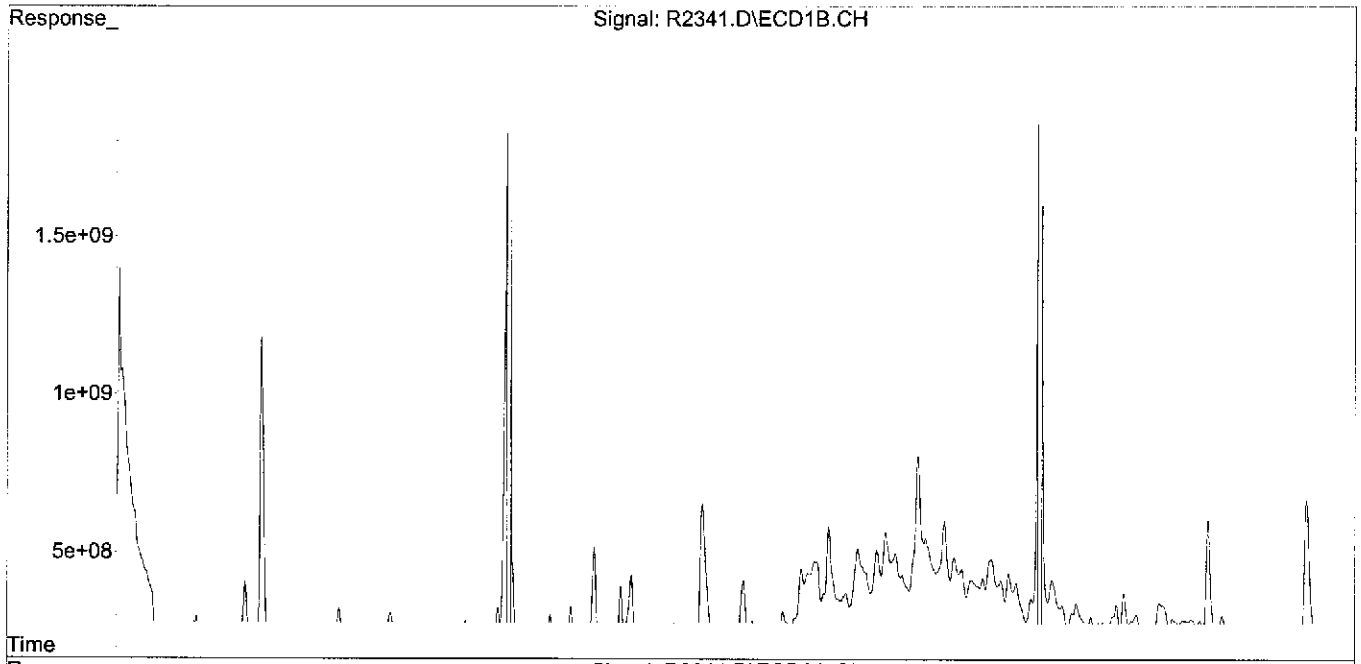
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

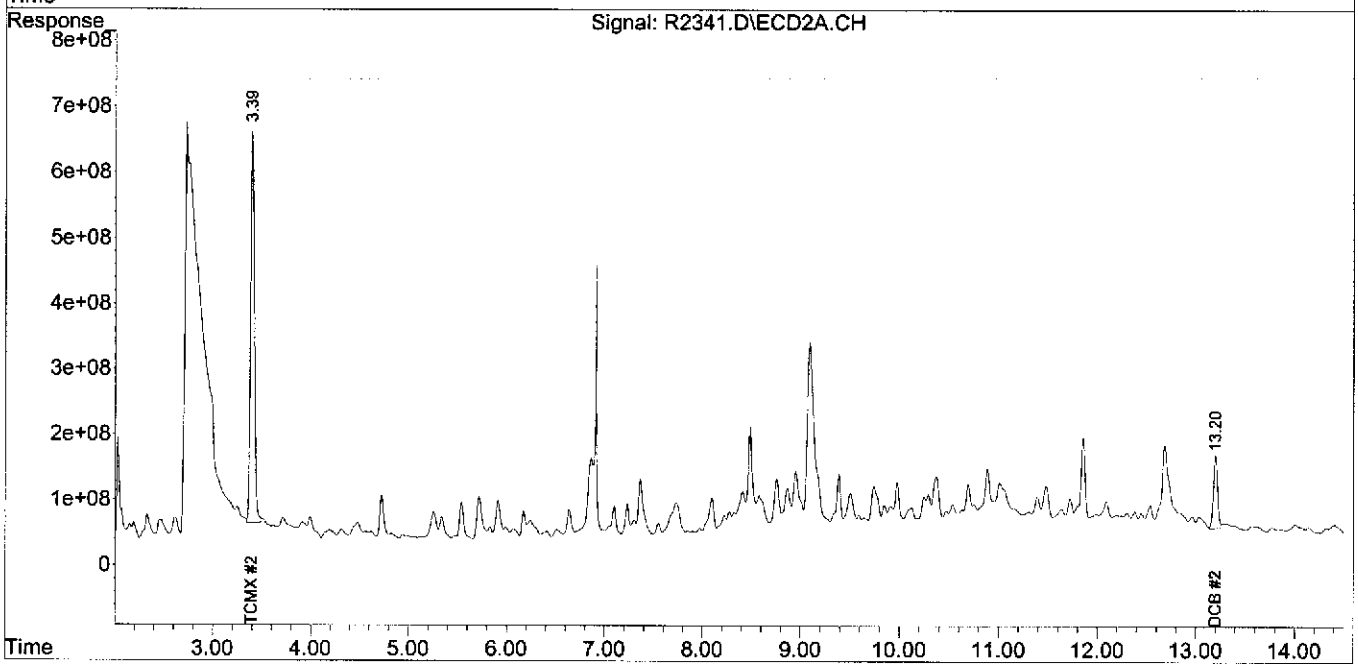
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2341.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 23:13
Operator : YG
Sample : W-32(2.0-4,07371-006,S,5.32g,29.4,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 16 Sample Multiplier: 1

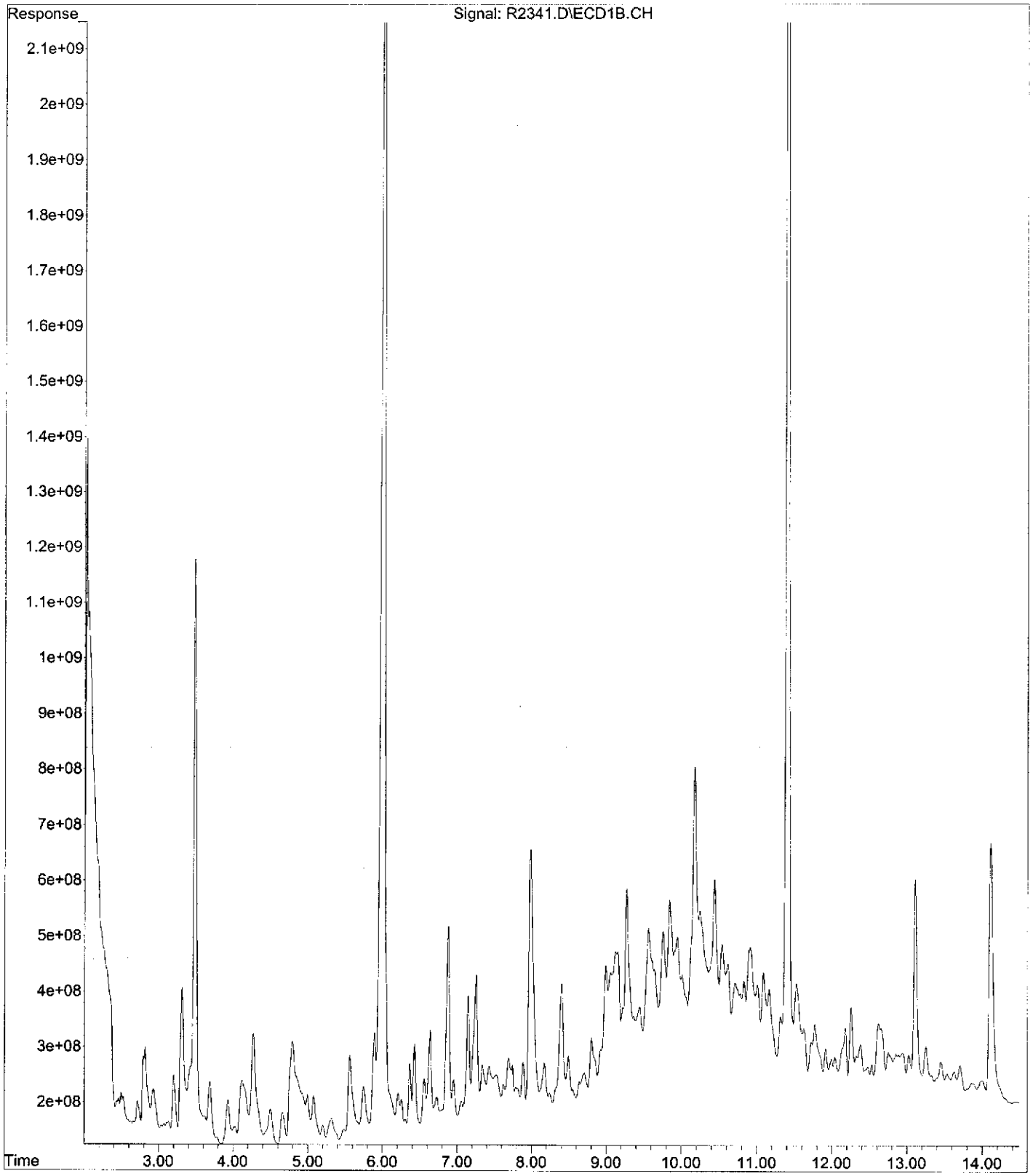
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:13:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-03-12\R2341.D
Operator : YG
Acquired : 03 Aug 2012 23:13 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-32(2.0-4,07371-006,S,5.32g,29.4,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 16



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2342.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 23:31
Operator : YG
Sample : W-32(4.0-4,07371-007,S,5.16g,74.5,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:14:02 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	3.47	3.39	49835.7E6	39305.7E6	290.050	273.051
Spiked Amount 200.000			Recovery	=	145.03%	136.53%
2) S DCB	13.10	13.19	18348.3E6	9599.2E6	314.323m	239.645m
Spiked Amount 200.000			Recovery	=	157.16%	119.82%
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

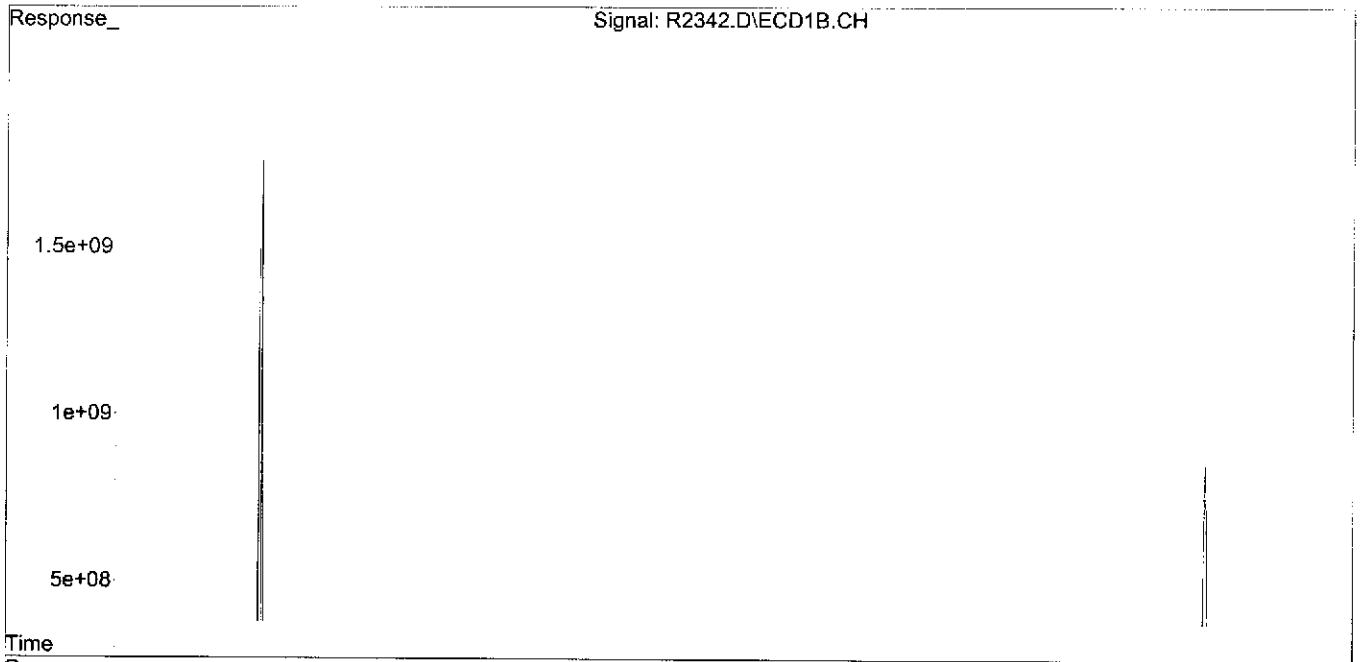
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

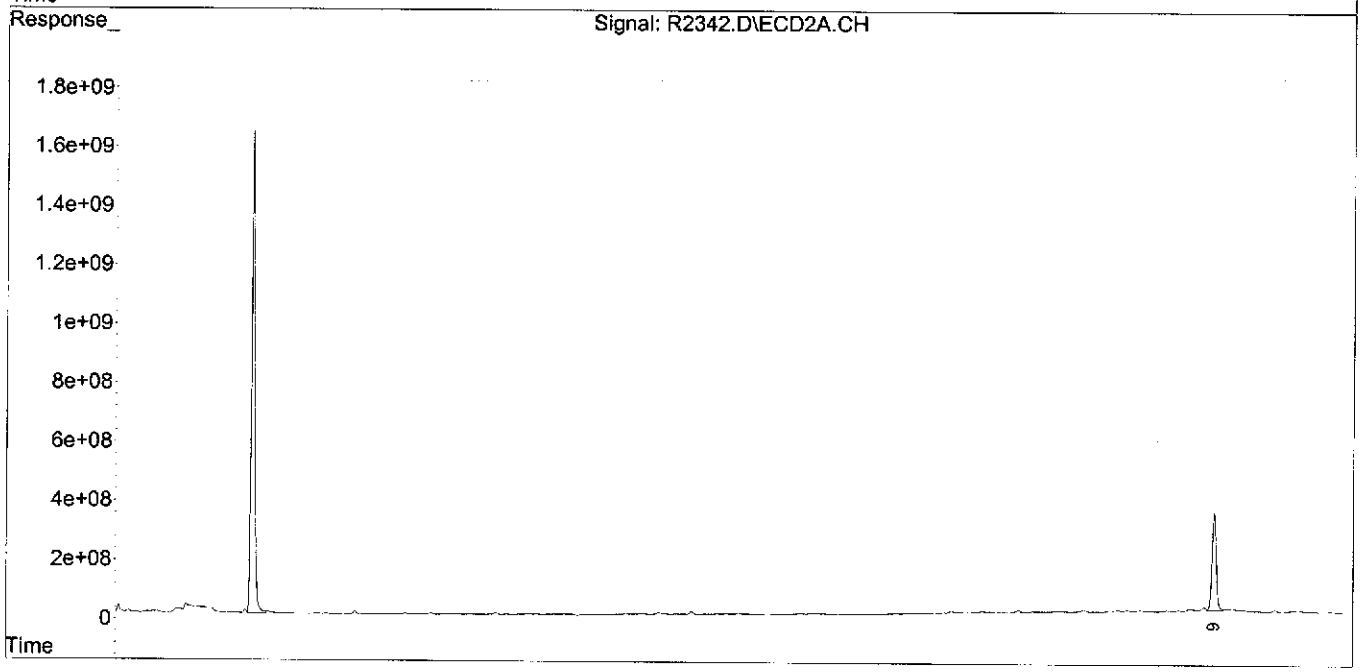
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2342.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 23:31
Operator : YG
Sample : W-32(4.0-4,07371-007,S,5.16g,74.5,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 17 Sample Multiplier: 1

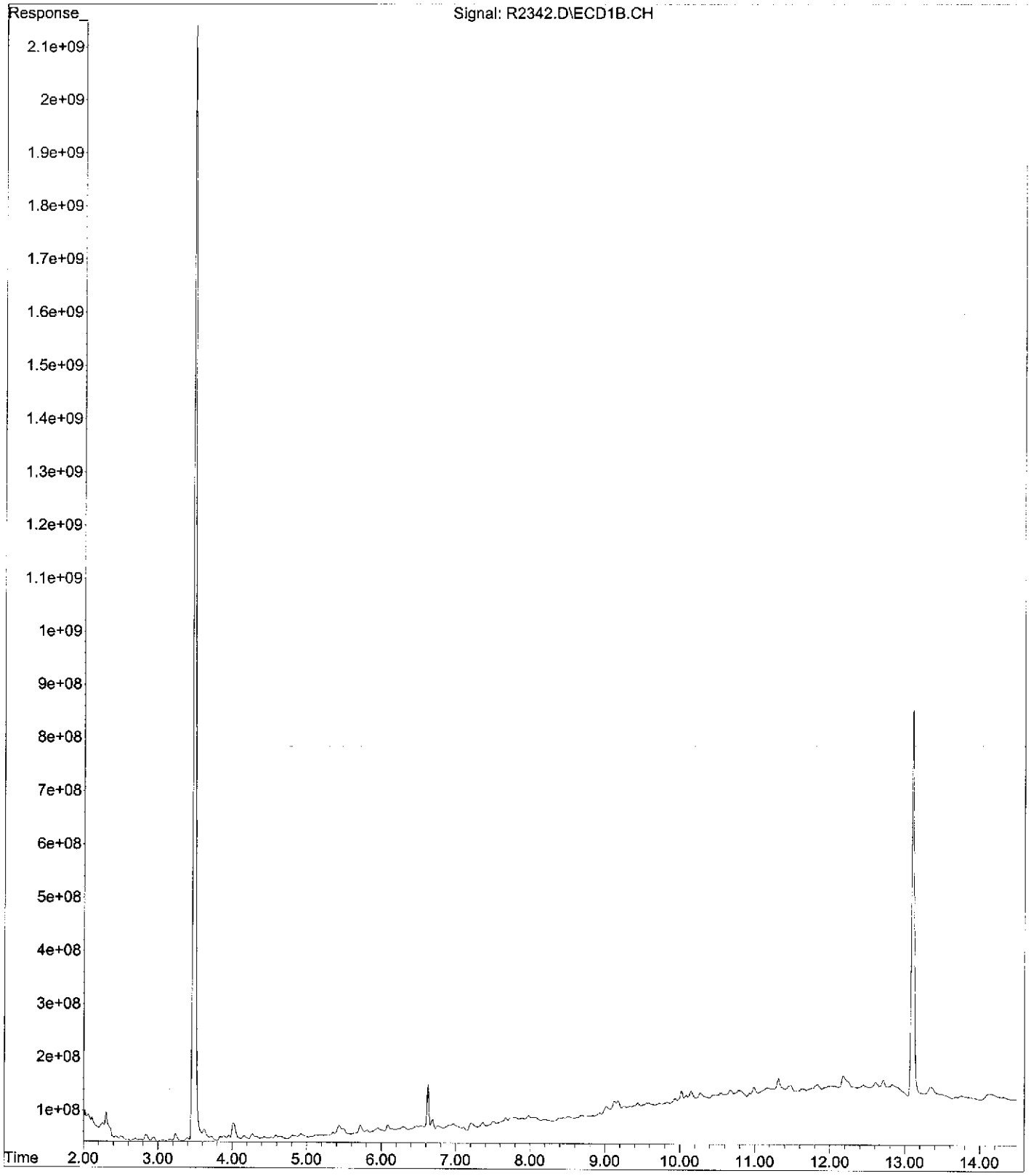
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:14:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-03-12\R2342.D
Operator : YG
Acquired : 03 Aug 2012 23:31 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-32(4.0-4,07371-007,S,5.16g,74.5,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 17



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2343.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 23:48
Operator : YG
Sample : W-32(4.75-,07371-008,S,5.22g,21.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:14:29 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	44394.5E6	35056.1E6	258.382	243.530
Spiked Amount 200.000			Recovery	=	129.19%	121.76%
2) S DCB	13.10	13.19	12863.5E6	6702.9E6	220.363m	167.338m
Spiked Amount 200.000			Recovery	=	110.18%	83.67%
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
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

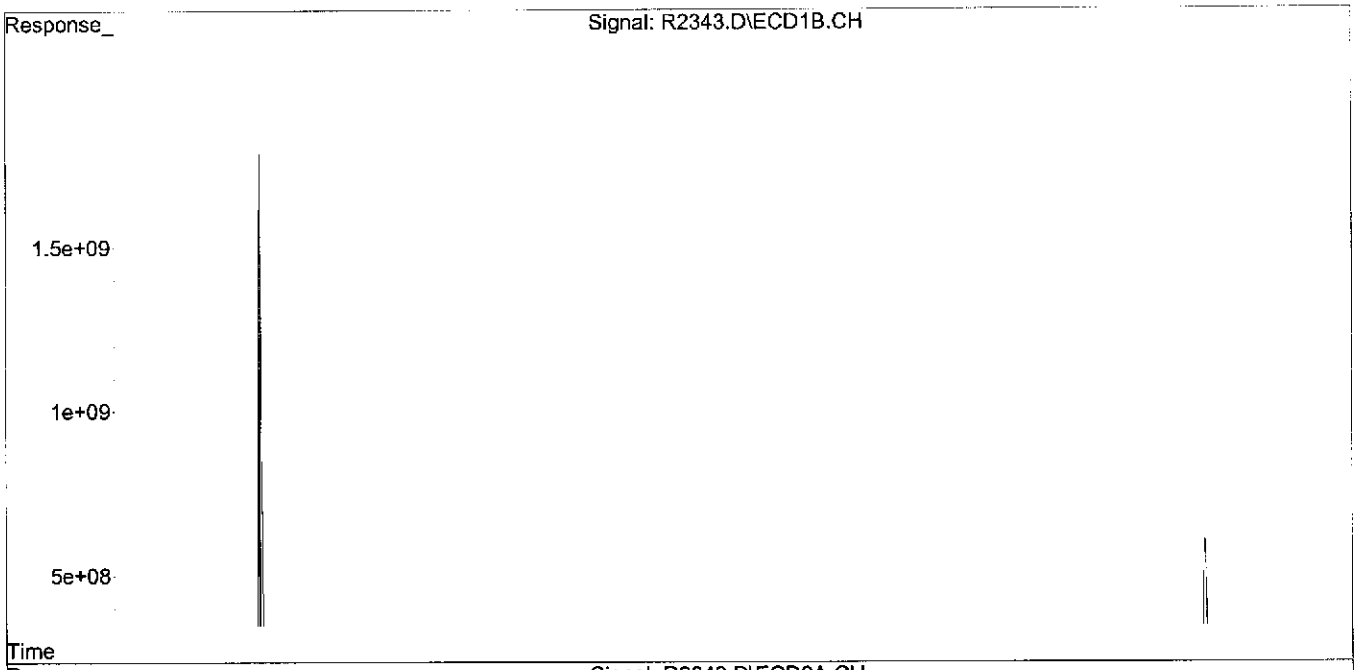
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

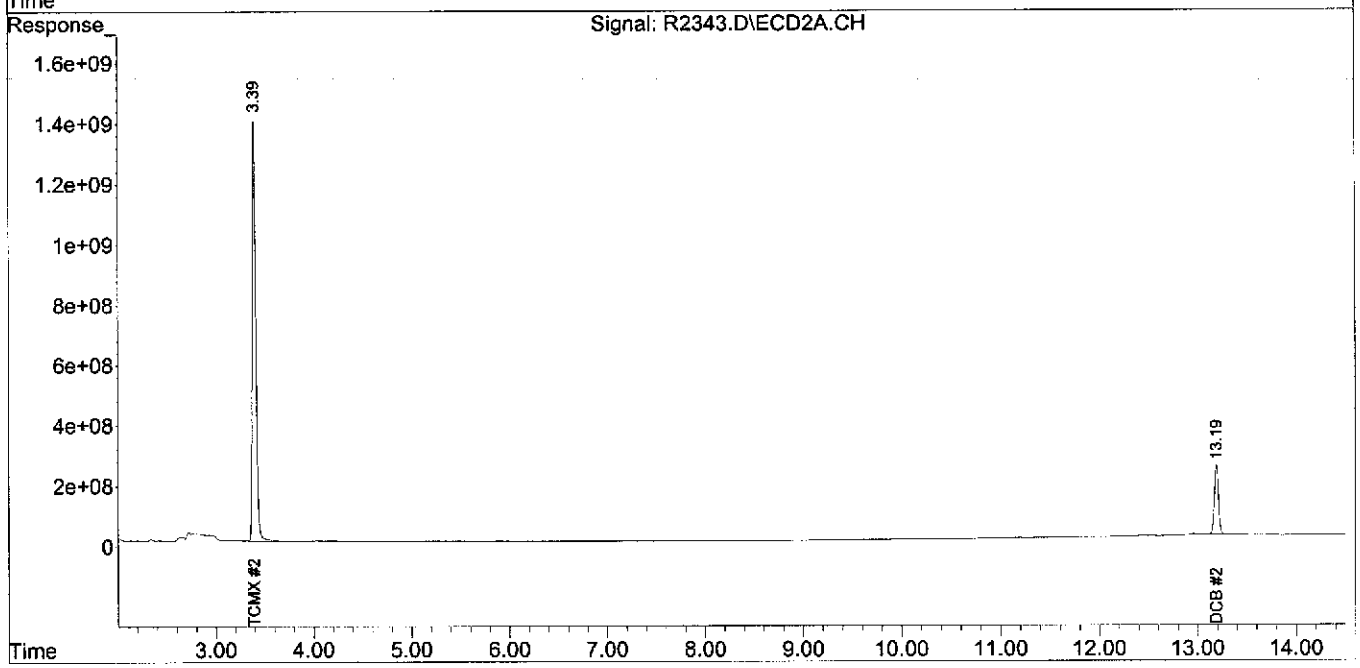
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2343.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 23:48
Operator : YG
Sample : W-32(4.75-,07371-008,S,5.22g,21.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 18 Sample Multiplier: 1

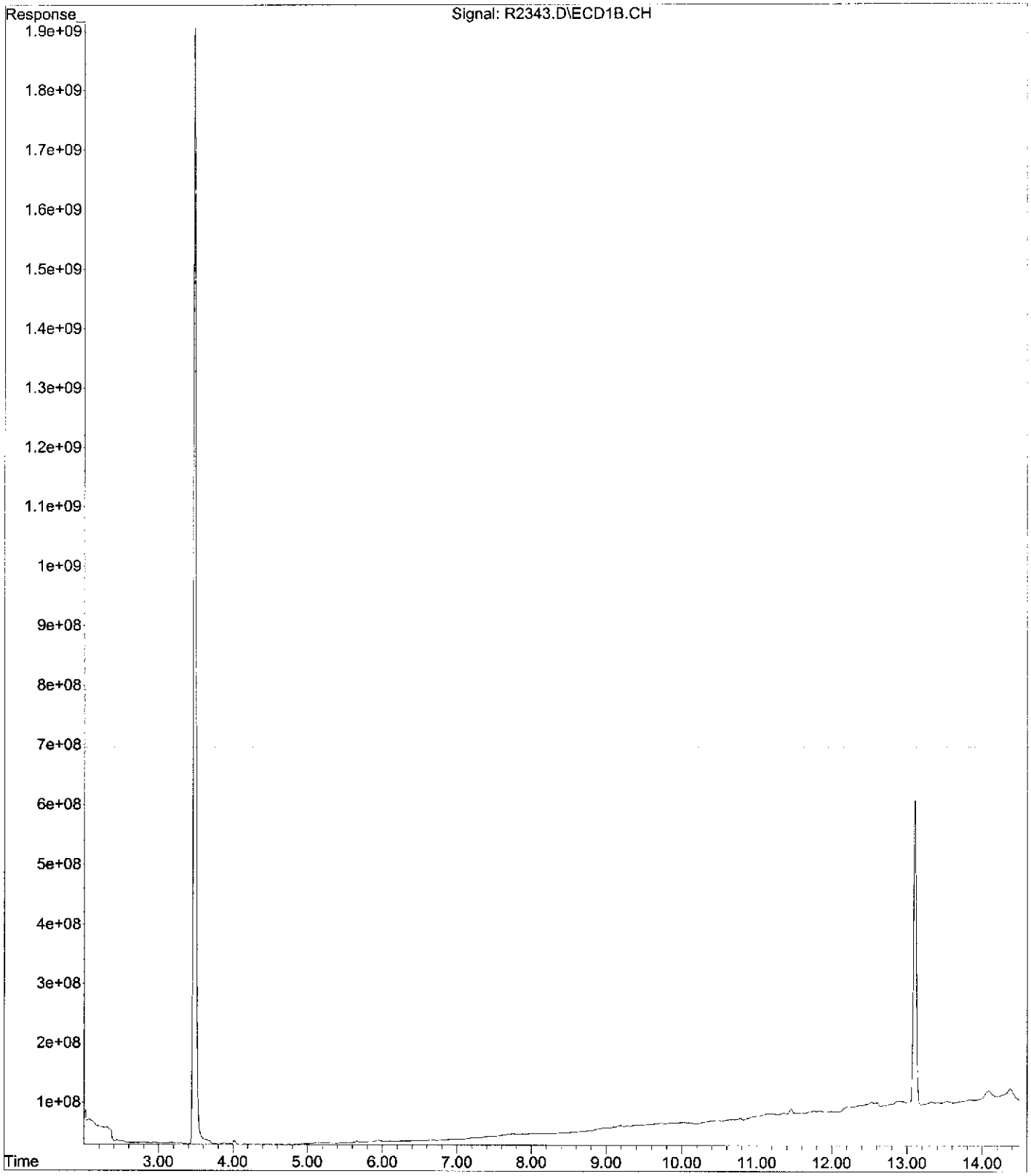
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:14:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-03-12\R2343.D
Operator : YG
Acquired : 03 Aug 2012 23:48 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-32(4.75-,07371-008,S,5.22g,21.0,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 18



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2344.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:06
Operator : YG
Sample : W-33(0-2.0,07371-009,S,5.31g,19.2,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,10
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:15:21 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	4949.3E6	3489.2E6	28.805	24.239
Spiked Amount 200.000			Recovery	=	14.40%	12.12%
2) S DCB	13.10	13.19	1809.4E6	656.0E6	30.996m	16.378m#
Spiked Amount 200.000			Recovery	=	15.50%	8.19%
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	5.30	5.70	5817.7E6	4702.0E6	763.749	841.955
24) L6 Aroclor-1248 {2}	5.86	6.30	4736.7E6	9422.8E6	1104.140	1180.015
25) L6 Aroclor-1248 {3}	6.20	6.71	6000.5E6	6895.7E6	1092.382	1155.405
26) L6 Aroclor-1248 {4}	6.92	6.87	13568.8E6	4816.3E6	1592.549	943.243 #
27) L6 Aroclor-1248 {5}	7.20	7.22	8742.4E6	2769.2E6	1221.186	958.919
Sum Aroclor-1248			38866.2E6	28606.1E6	5774.006	5079.537
Average Aroclor-1248					1154.801	1015.907
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	9481.3E6	3464.9E6	676.270m	548.636
34) L8 Aroclor-1260 {2}	9.94	9.17	2955.6E6	2435.6E6	398.586m	333.711
35) L8 Aroclor-1260 {3}	10.42	10.37	10671.7E6	2068.0E6	426.720m	410.307
36) L8 Aroclor-1260 {4}	10.91	10.88	4251.8E6	4134.5E6	409.129m	412.253
37) L8 Aroclor-1260 {5}	11.98	11.47	2738.5E6	3066.9E6	589.890m	377.557 #
Sum Aroclor-1260			30099.0E6	15169.9E6	2500.595	2082.463
Average Aroclor-1260					500.119	416.493
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\08-03-12\
Data File : R2344.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:06
Operator : YG
Sample : W-33(0-2.0,07371-009,S,5.31g,19.2,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,10
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:15:21 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

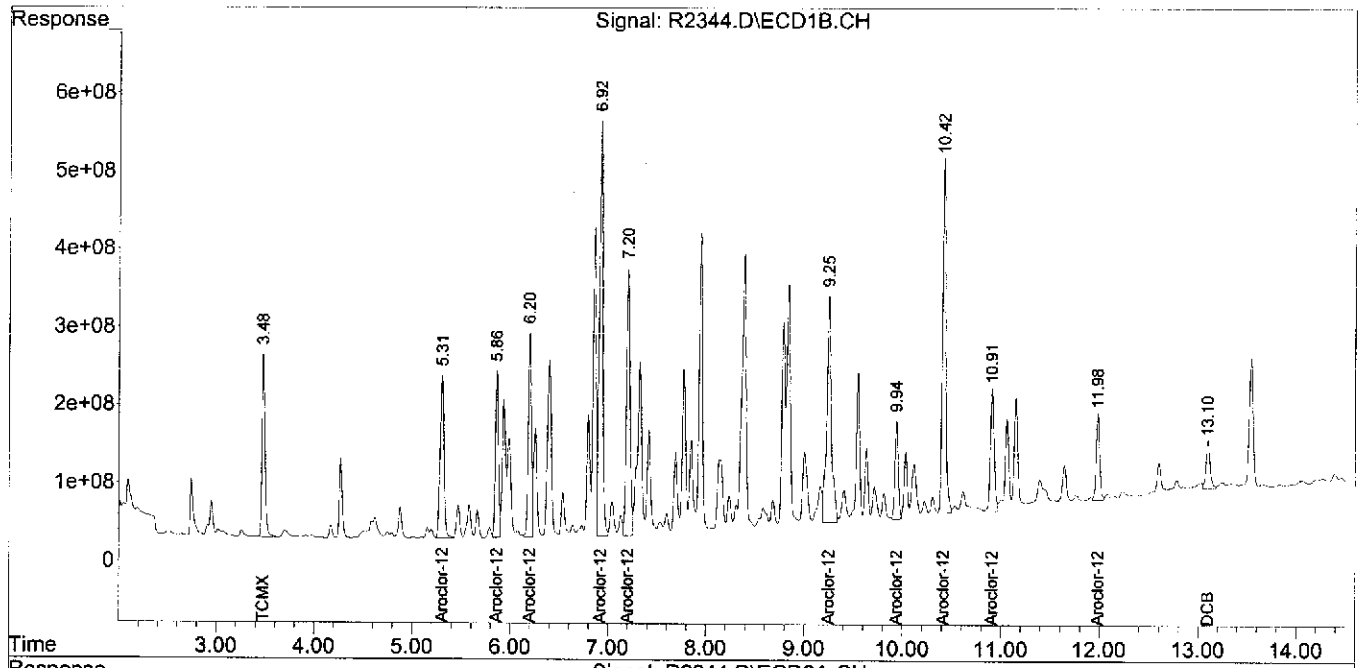
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

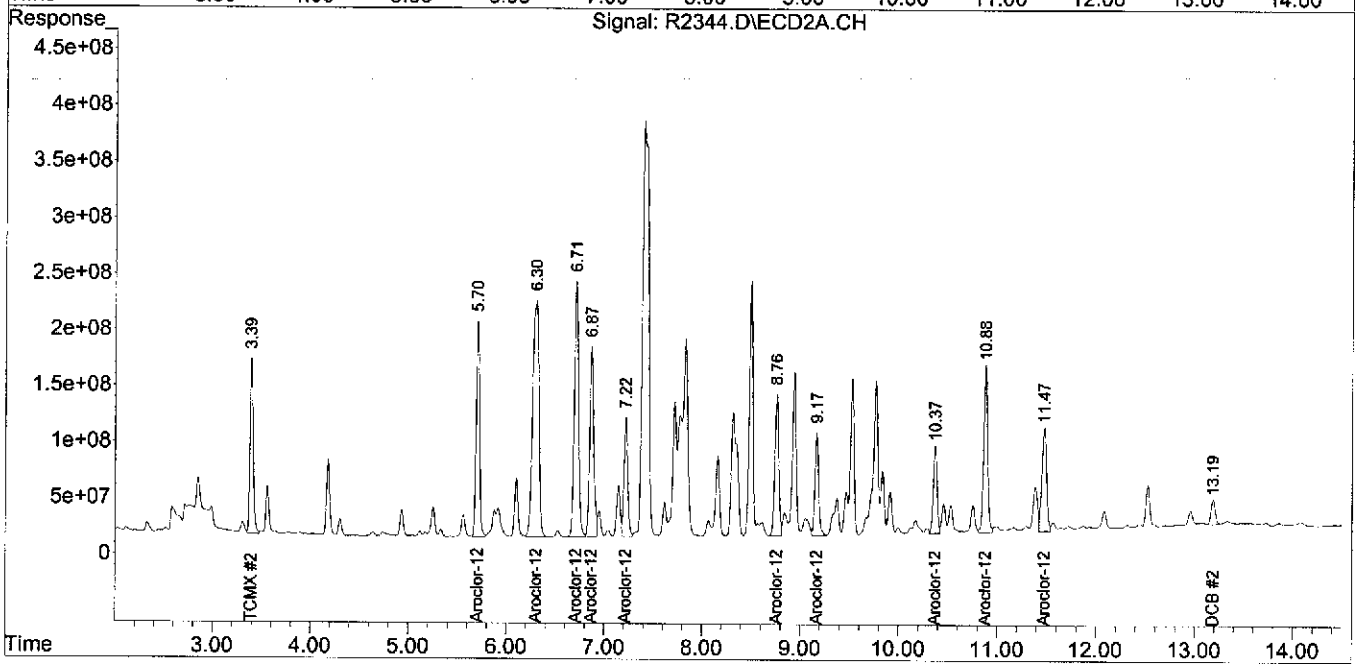
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2344.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:06
Operator : YG
Sample : W-33(0-2.0,07371-009,S,5.31g,19.2,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,10
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:15:21 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\08-03-12\
Data File : R2345.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:23
Operator : YG
Sample : W-33(2.0-4,07371-010,S,5.49g,15.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:16:18 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						
1) S TCMX	3.47	3.39	39523.1E6	28789.2E6	230.029	199.995
Spiked Amount 200.000			Recovery	=	115.01%	100.00%
2) S DCB	13.10	13.19	12198.0E6	5742.8E6	208.963m	143.369m#
Spiked Amount 200.000			Recovery	=	104.48%	71.68%
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

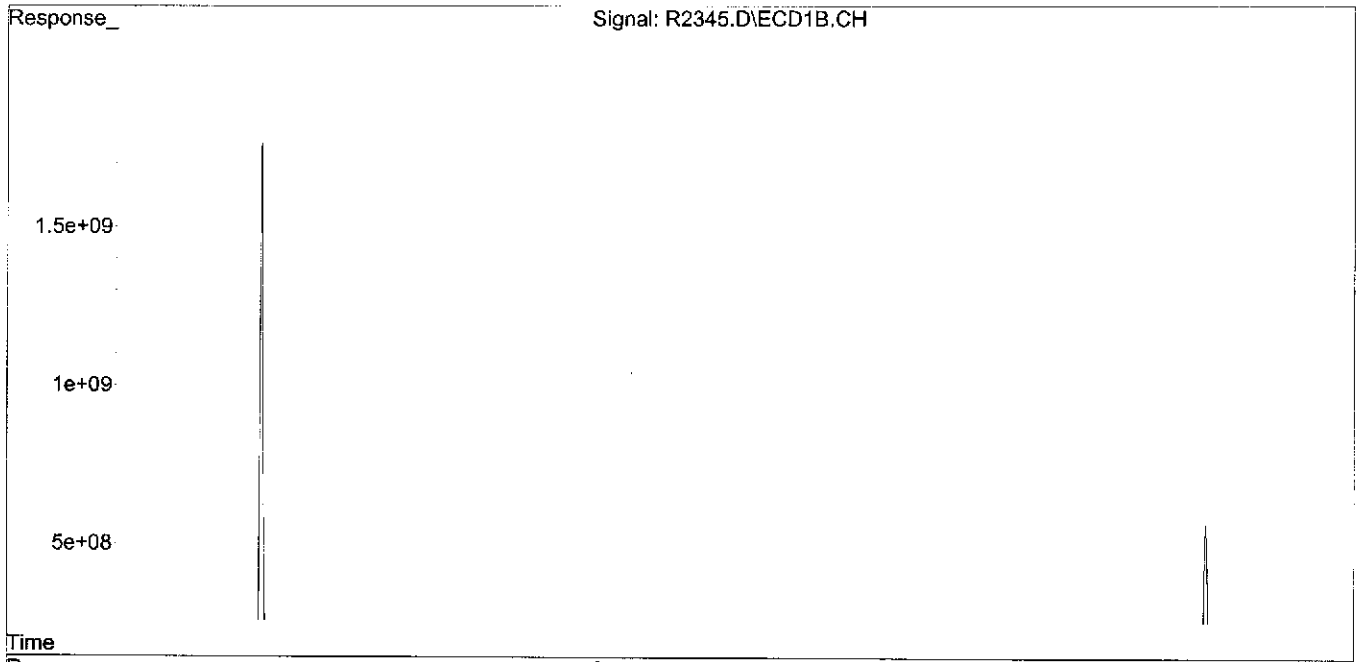
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

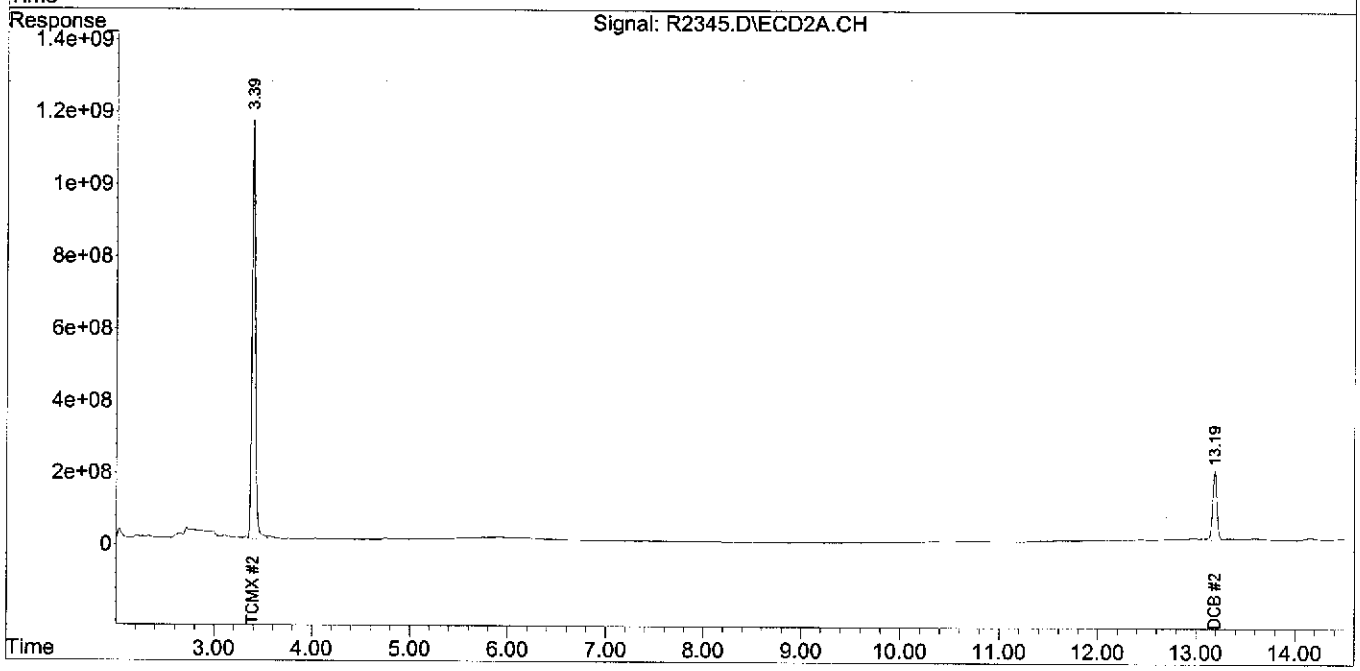
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2345.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:23
Operator : YG
Sample : W-33(2.0-4,07371-010,S,5.49g,15.0,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 20 Sample Multiplier: 1

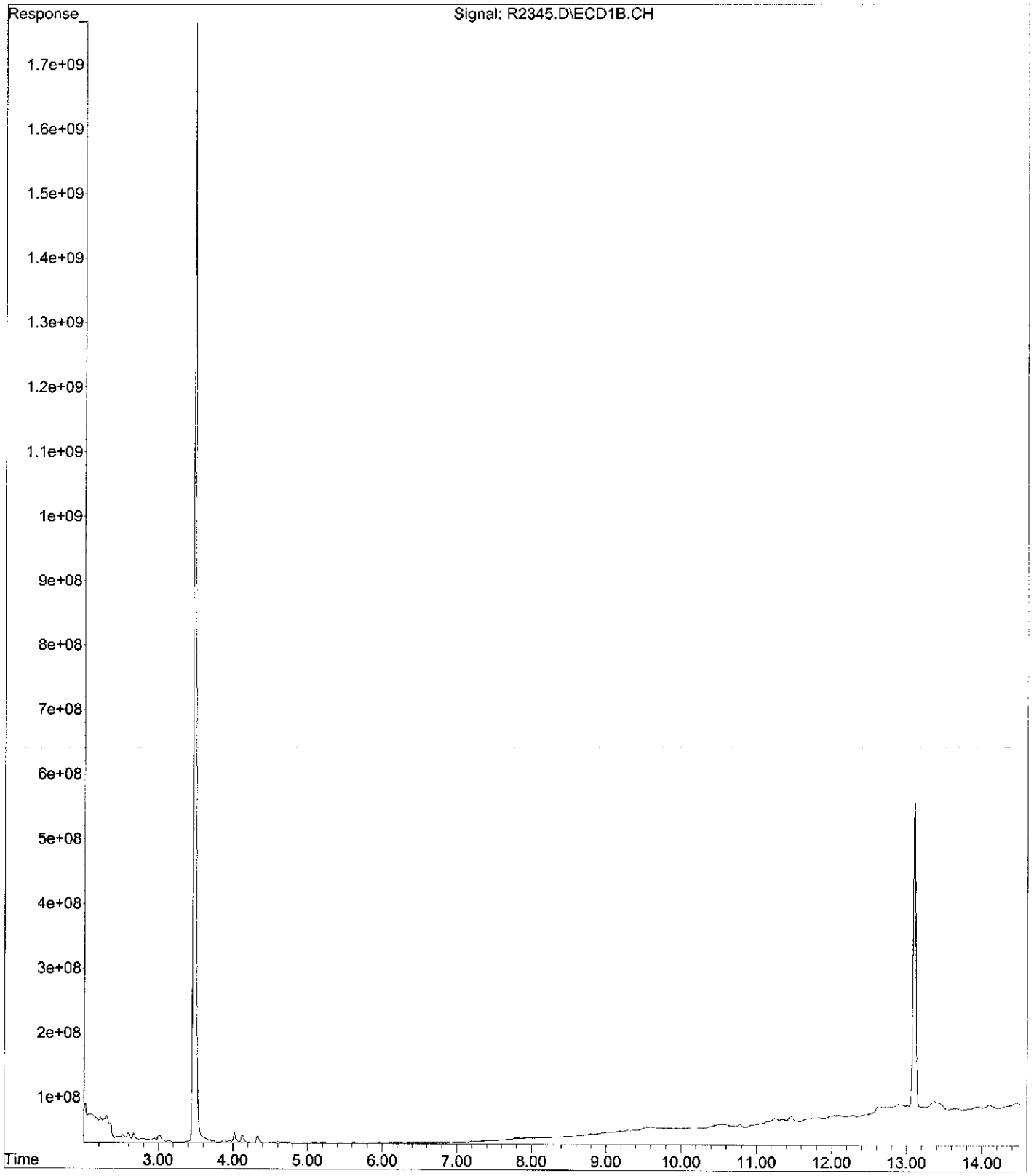
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:16:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-03-12\R2345.D
Operator : YG
Acquired : 04 Aug 2012 00:23 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-33(2.0-4,07371-010,S,5.49g,15.0,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 20



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2346.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:41
Operator : YG
Sample : W-33(4.0-5,07371-011,S,5.22g,75.9,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:42:40 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	53077.9E6	43974.8E6	308.920m	305.487
Spiked Amount 200.000			Recovery	=	154.46%	152.74%
2) S DCB	13.10	13.19	20572.8E6	9703.9E6	352.431m	242.260m#
Spiked Amount 200.000			Recovery	=	176.22%	121.13%
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

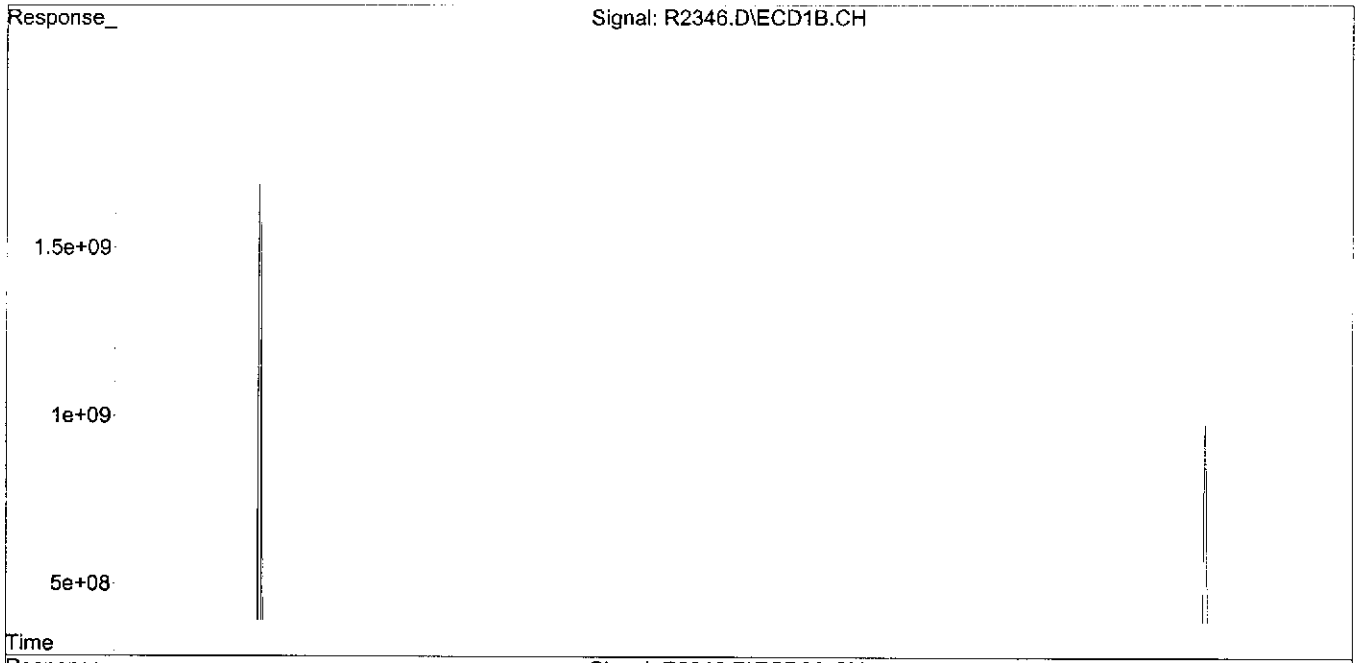
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

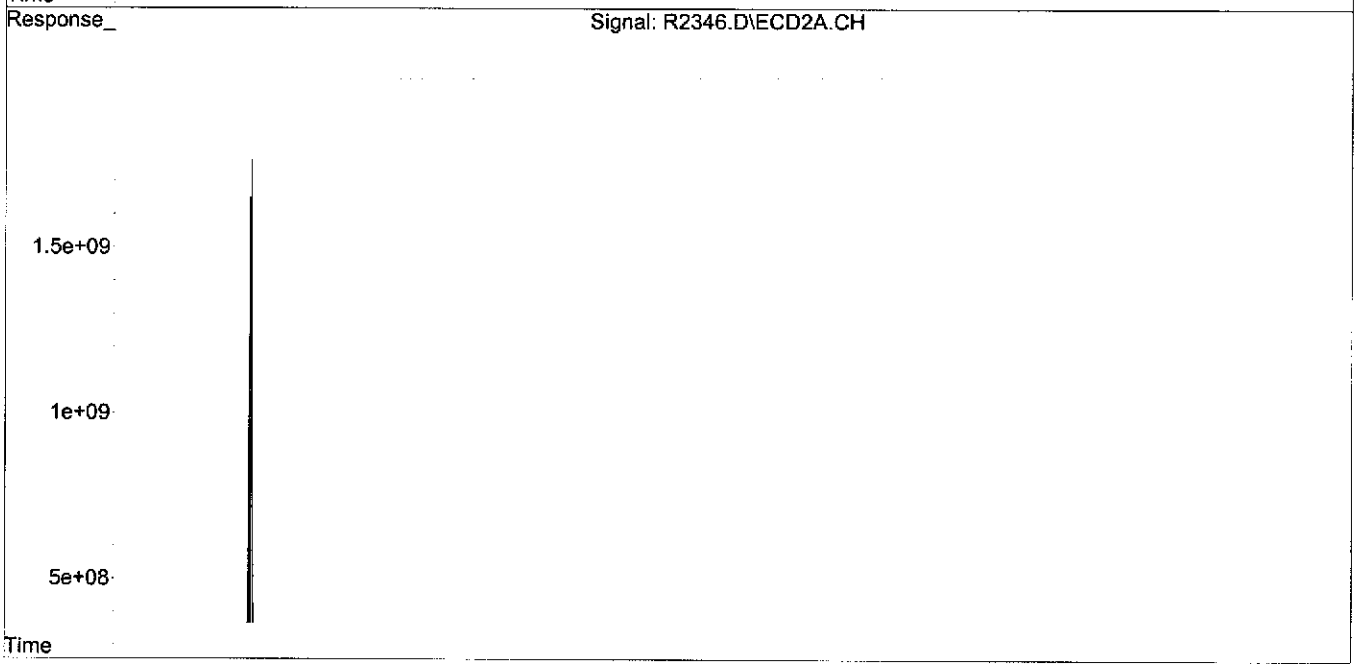
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2346.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:41
Operator : YG
Sample : W-33(4.0-5,07371-011,S,5.22g,75.9,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 21 Sample Multiplier: 1

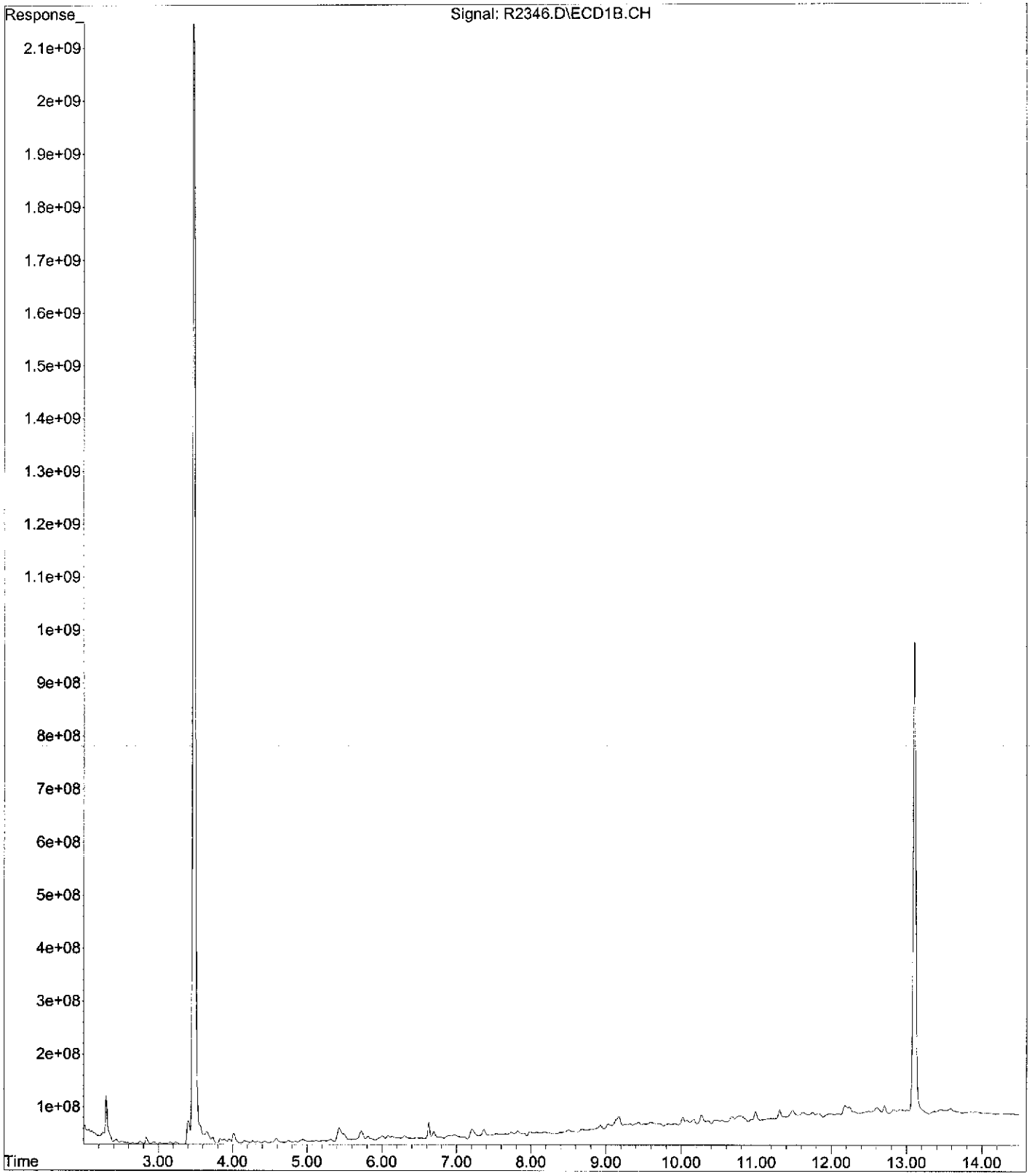
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:42:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

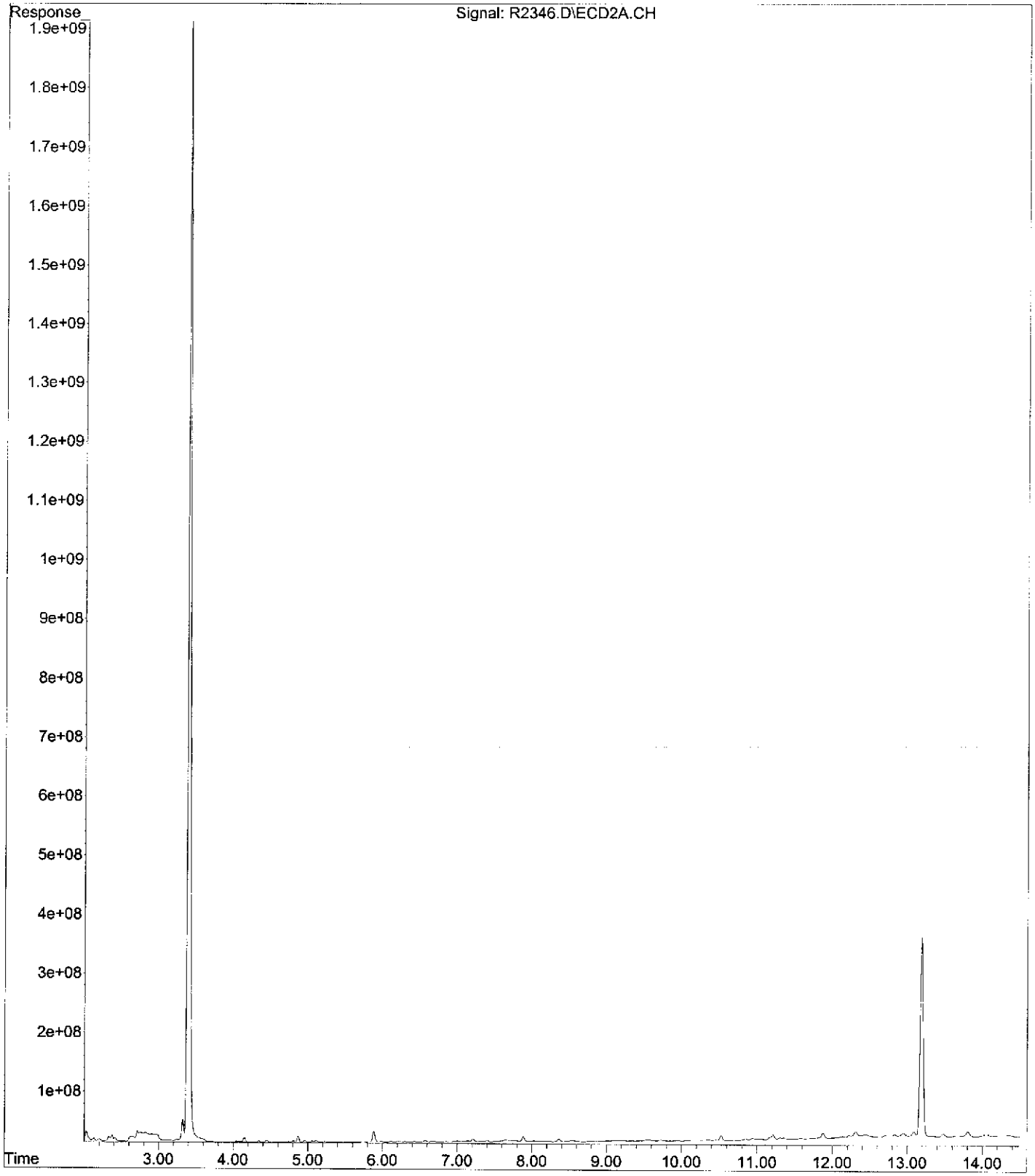




File :C:\MSDChem\1\DATA\08-03-12\R2346.D
Operator : YG
Acquired : 04 Aug 2012 00:41 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-33(4.0-5,07371-011,S,5.22g,75.9,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 21



File :C:\MSDChem\1\DATA\08-03-12\R2346.D
Operator : YG
Acquired : 04 Aug 2012 00:41 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-33(4.0-5,07371-011,S,5.22g,75.9,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 21



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2347.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:58
Operator : YG
Sample : W-33(5.25-,07371-012,S,5.11g,22.7,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:43:01 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	55430.4E6	46256.2E6	322.612m	321.335m
Spiked Amount 200.000			Recovery	=	161.31%	160.67%
2) S DCB	13.10	13.19	17931.4E6	8772.8E6	307.180m	219.013m#
Spiked Amount 200.000			Recovery	=	153.59%	109.51%
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

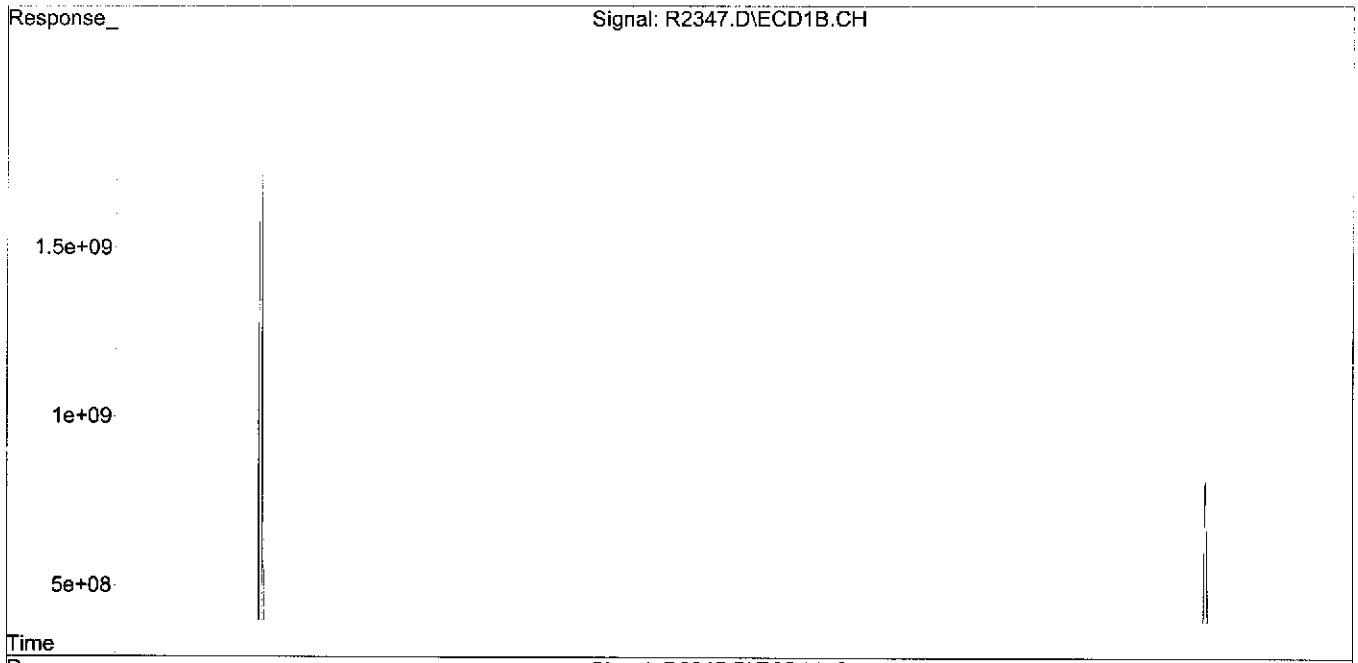
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

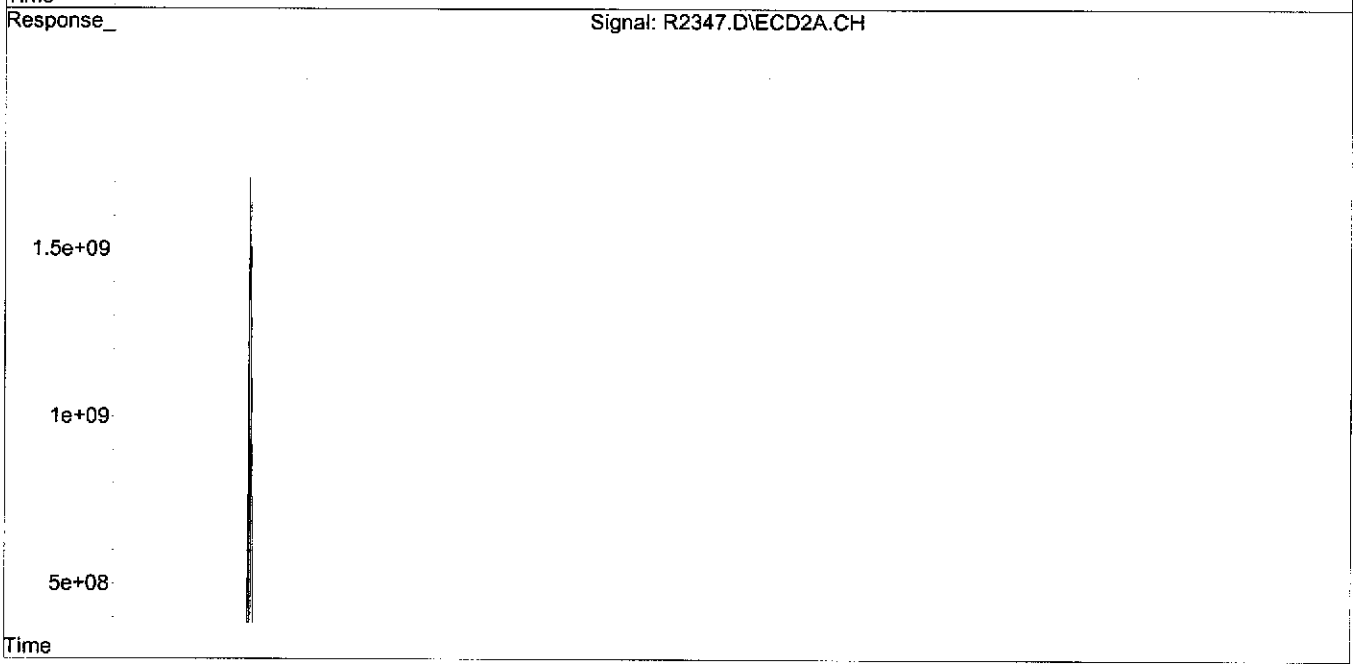
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2347.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 00:58
Operator : YG
Sample : W-33(5.25-,07371-012,S,5.11g,22.7,07/27/12,4
Misc : 120727-13,07/23/12,07/23/12,1
ALS Vial : 22 Sample Multiplier: 1

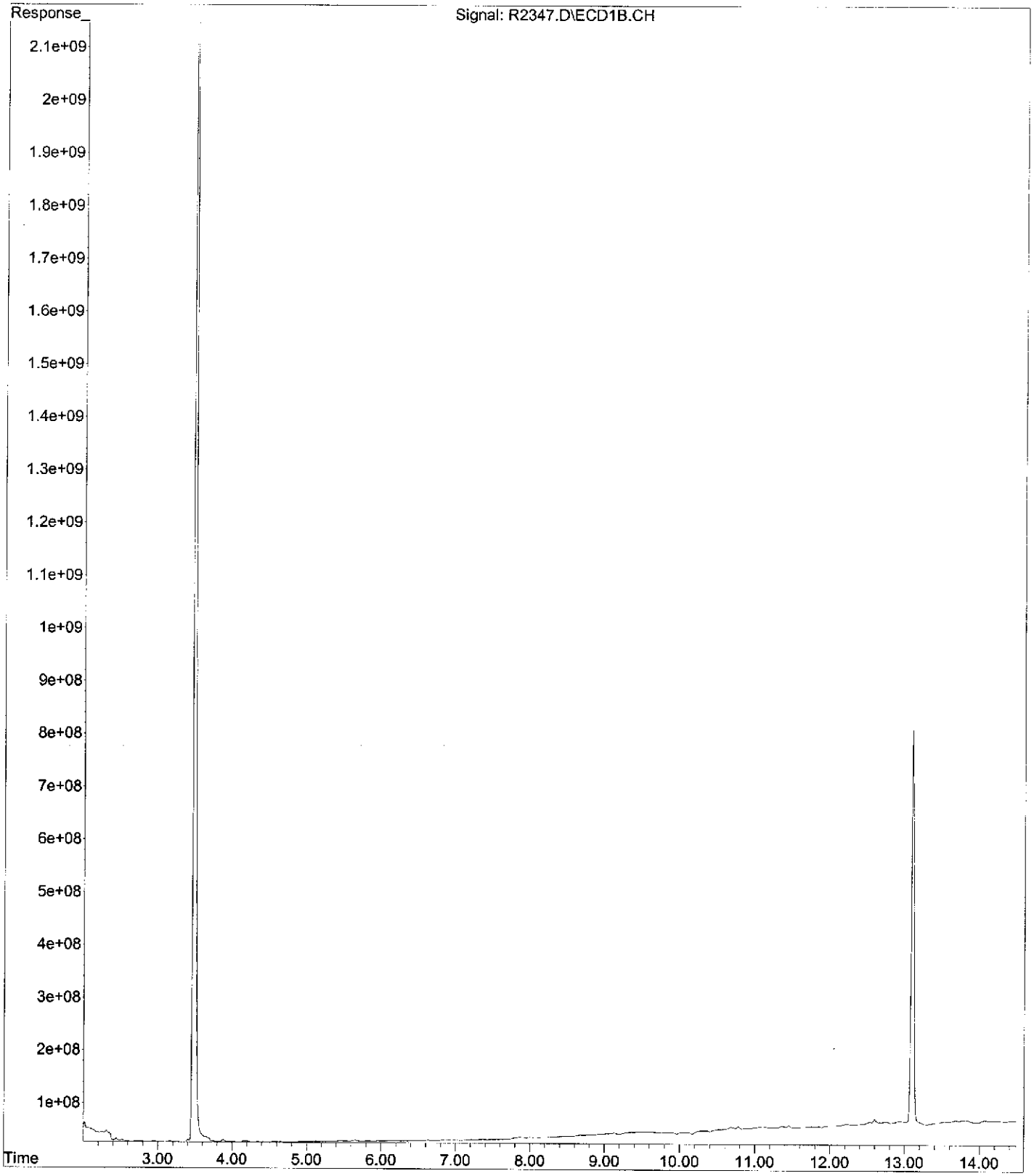
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 16:43:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

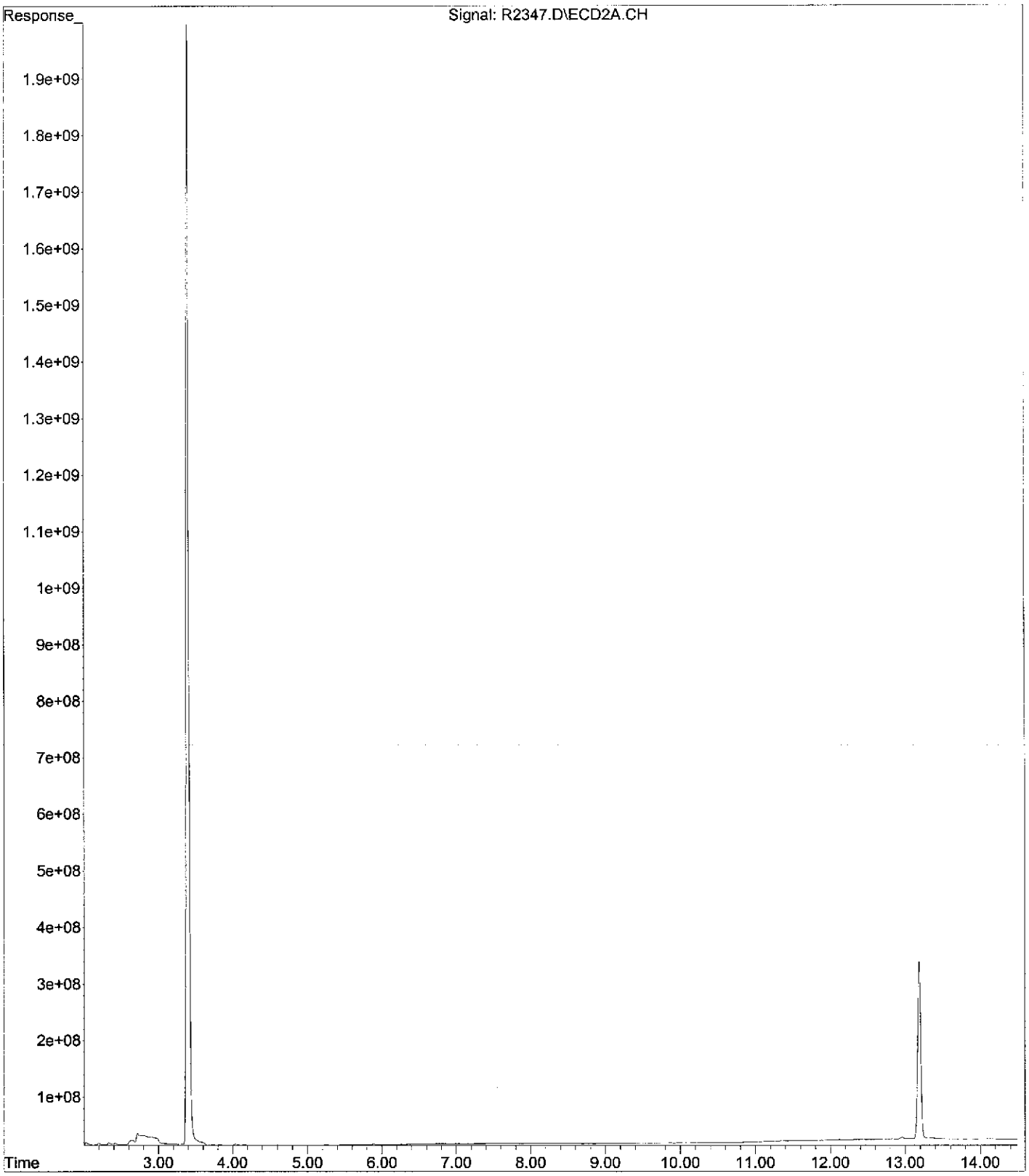




File :C:\MSDChem\1\DATA\08-03-12\R2347.D
Operator : YG
Acquired : 04 Aug 2012 00:58 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-33(5.25-,07371-012,S,5.11g,22.7,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 22



File :C:\MSDChem\1\DATA\08-03-12\R2347.D
Operator : YG
Acquired : 04 Aug 2012 00:58 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-33(5.25-,07371-012,S,5.11g,22.7,07/27/12,4
Misc Info : 120727-13,07/23/12,07/23/12,1
Vial Number: 22



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2464.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 21:38
Operator : YG
Sample : V-33(0-2.0,07371-013,S,5.23g,21.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,2
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:40:20 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	22321.4E6	17001.2E6	129.913	118.105
Spiked Amount 200.000			Recovery	=	64.96%	59.05%
2) S DCB	13.10	13.18	5622.3E6	3137.3E6	96.314m	78.323
Spiked Amount 200.000			Recovery	=	48.16%	39.16%
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
23) L6 Aroclor-1248	5.31	5.70	3963.9E6	2654.0E6	520.386	475.231
24) L6 Aroclor-1248 {2}	5.86	6.28	4356.4E6	6979.8E6	1015.487	874.079
25) L6 Aroclor-1248 {3}	6.20	6.70	5195.9E6	5010.3E6	945.904	839.501
26) L6 Aroclor-1248 {4}	6.93	6.86	13591.6E6	3610.7E6	1595.227	707.128 #
27) L6 Aroclor-1248 {5}	7.21	7.22	7975.1E6	2525.6E6	1114.005	874.568
Sum Aroclor-1248			35083.0E6	20780.5E6	5191.009	3770.506
Average Aroclor-1248					1038.202	754.101
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	21881.5E6	8332.2E6	1560.732m	1319.322
34) L8 Aroclor-1260 {2}	9.94	9.16	10242.5E6	8567.2E6	1381.274m	1173.828
35) L8 Aroclor-1260 {3}	10.42	10.37	36840.0E6	7728.3E6	1473.095m	1533.367
36) L8 Aroclor-1260 {4}	10.91	10.88	12038.9E6	14744.7E6	1158.431m	1470.187 #
37) L8 Aroclor-1260 {5}	11.98	11.47	7237.0E6	10623.3E6	1558.919m	1307.815
Sum Aroclor-1260			88240.0E6	49995.7E6	7132.451	6804.519
Average Aroclor-1260					1426.490	1360.904
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\08-06-12\
Data File : R2464.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 21:38
Operator : YG
Sample : V-33(0-2.0,07371-013,S,5.23g,21.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,2
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:40:20 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

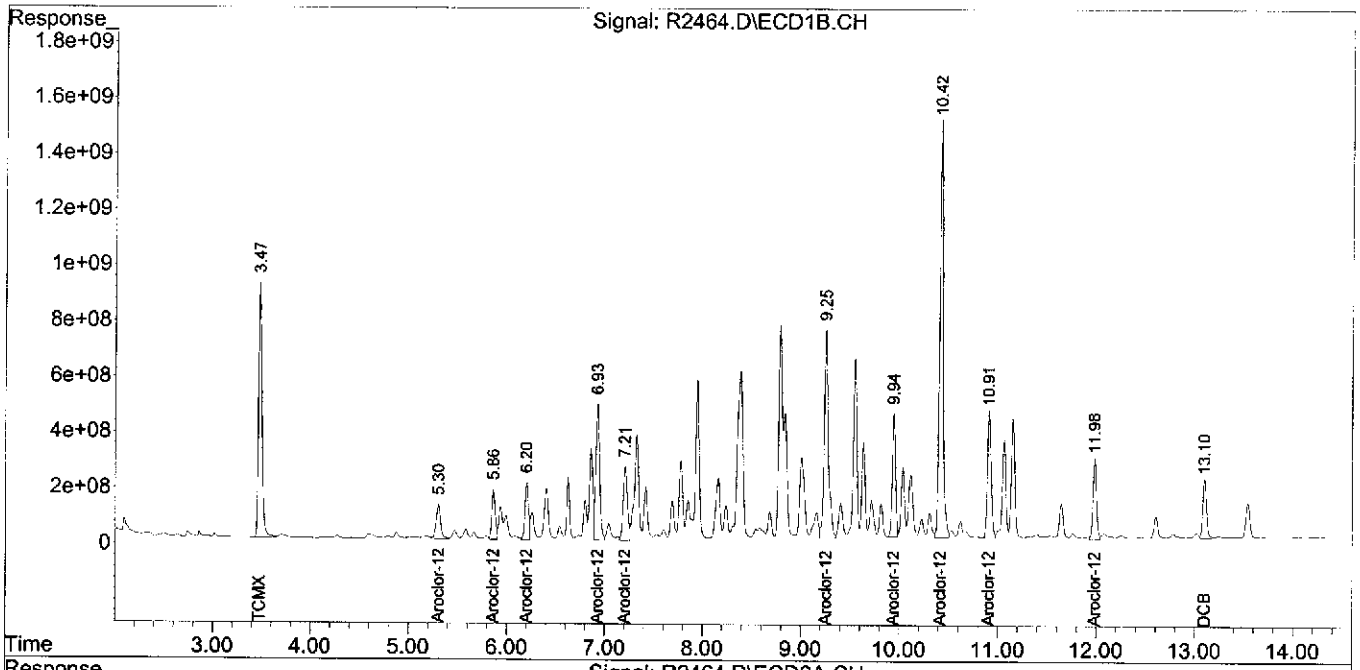
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

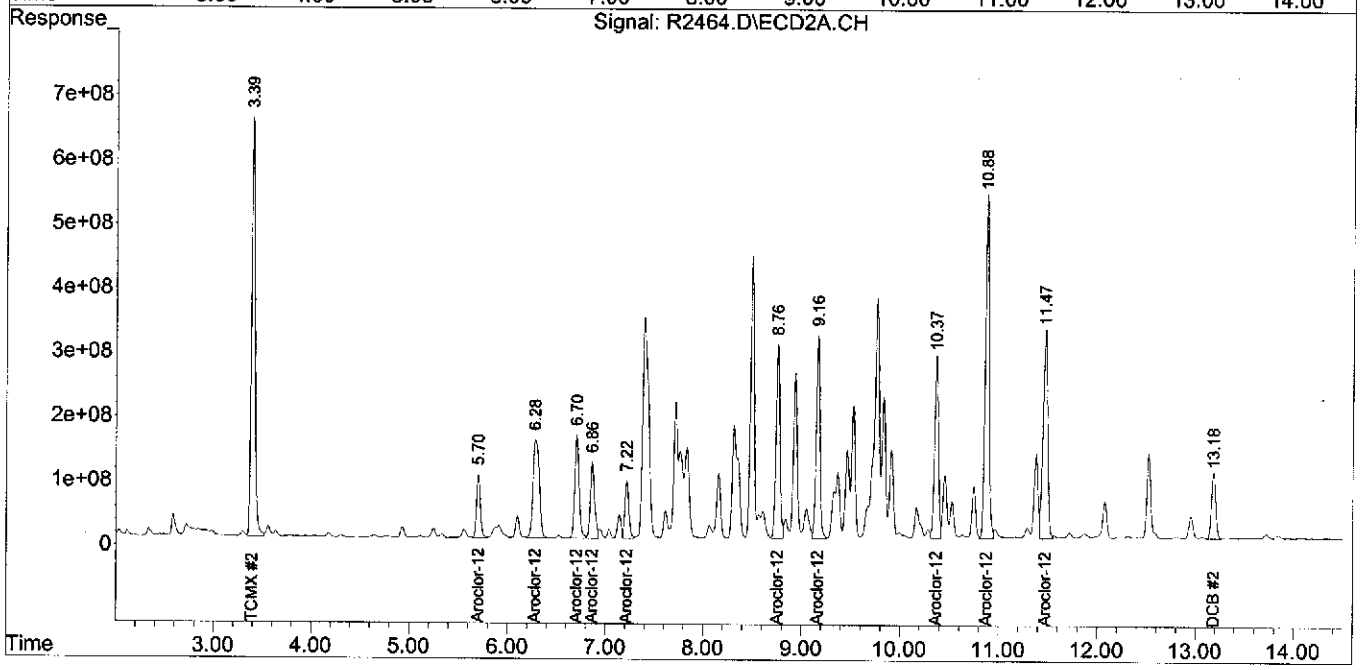
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2464.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 21:38
Operator : YG
Sample : V-33(0-2.0,07371-013,S,5.23g,21.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,2
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:40:20 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\08-06-12\
Data File : R2440.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 13:31
Operator : YG
Sample : V-33(2.0-4,07371-014,S,5.14g,13.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:05:10 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						
1) S TCMX	3.47	3.39	36928.1E6	28153.4E6	214.926	195.577
Spiked Amount 200.000			Recovery	=	107.46%	97.79%
2) S DCB	13.10	13.18	9600.4E6	6164.4E6	164.462m	153.895m
Spiked Amount 200.000			Recovery	=	82.23%	76.95%
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

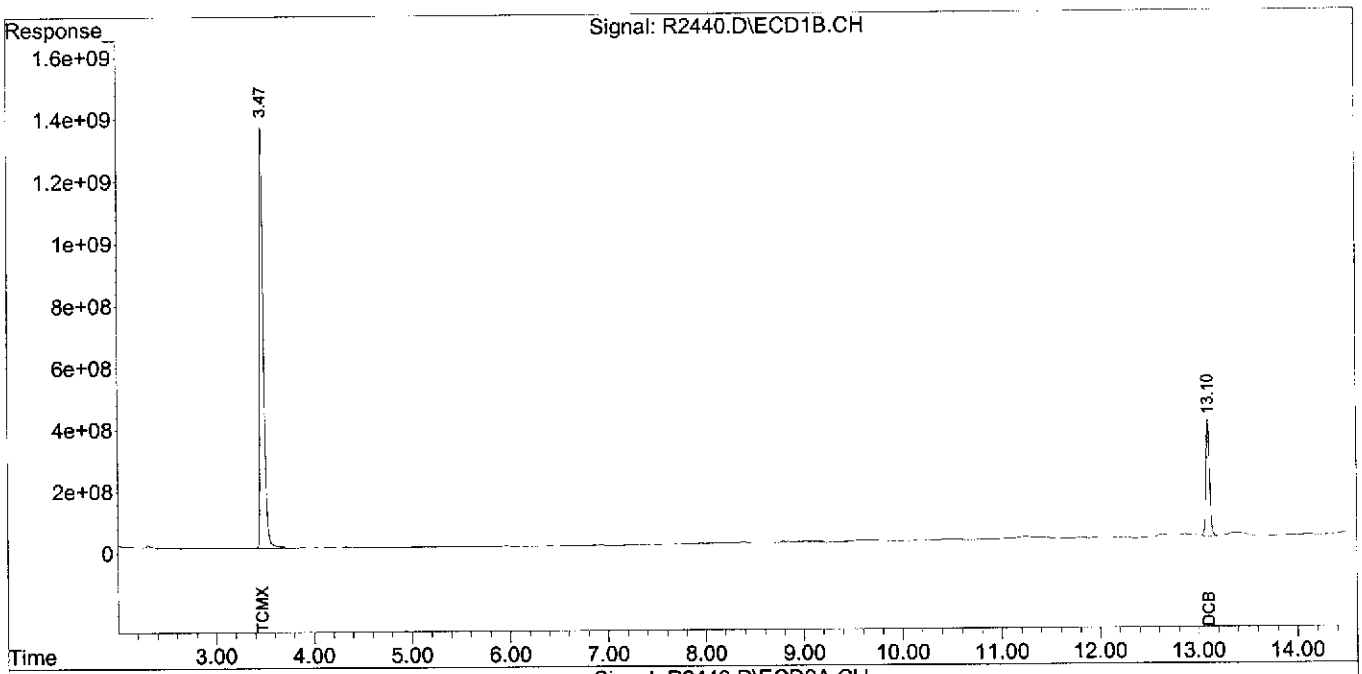
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

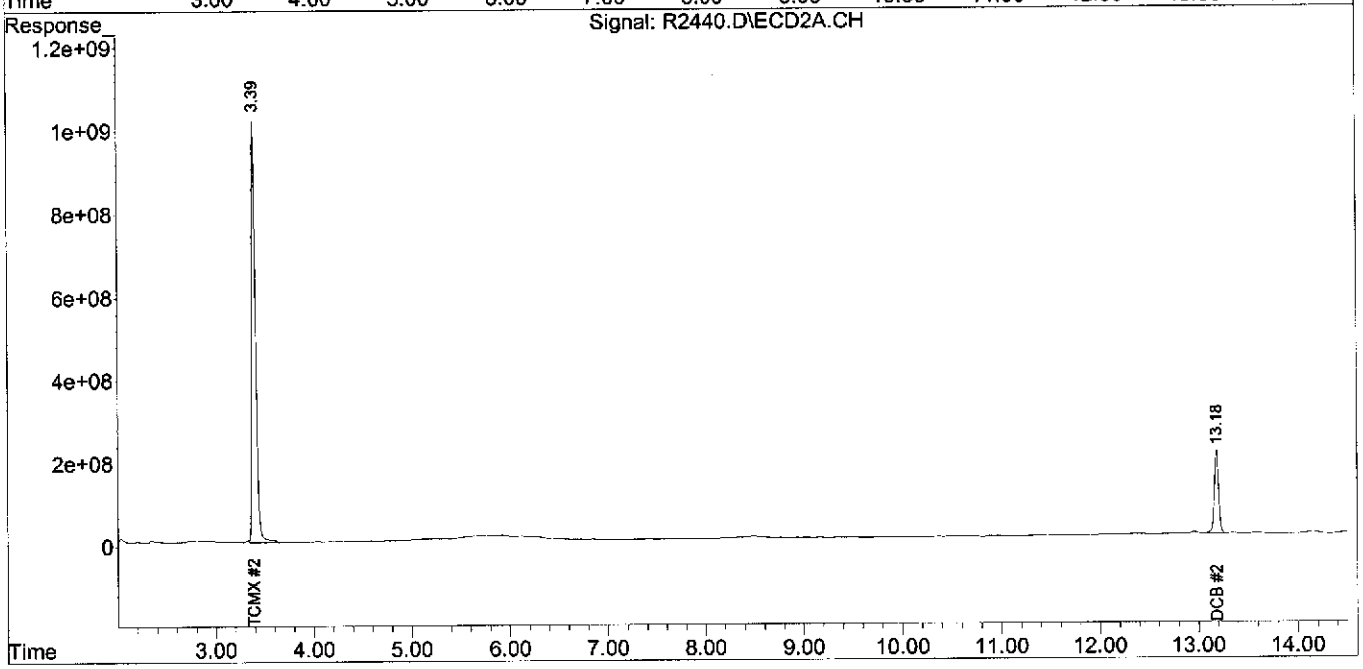
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2440.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 13:31
Operator : YG
Sample : V-33(2.0-4,07371-014,S,5.14g,13.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:05:10 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\08-06-12\
Data File : R2441.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 13:48
Operator : YG
Sample : V-33(4.0-5,07371-015,S,5.36g,75.4,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:05:54 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	39448.7E6	33313.3E6	229.596	231.423
Spiked Amount 200.000			Recovery	=	114.80%	115.71%
2) S DCB	13.10	13.18	14355.4E6	8397.2E6	245.920m	209.638m
Spiked Amount 200.000			Recovery	=	122.96%	104.82%
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

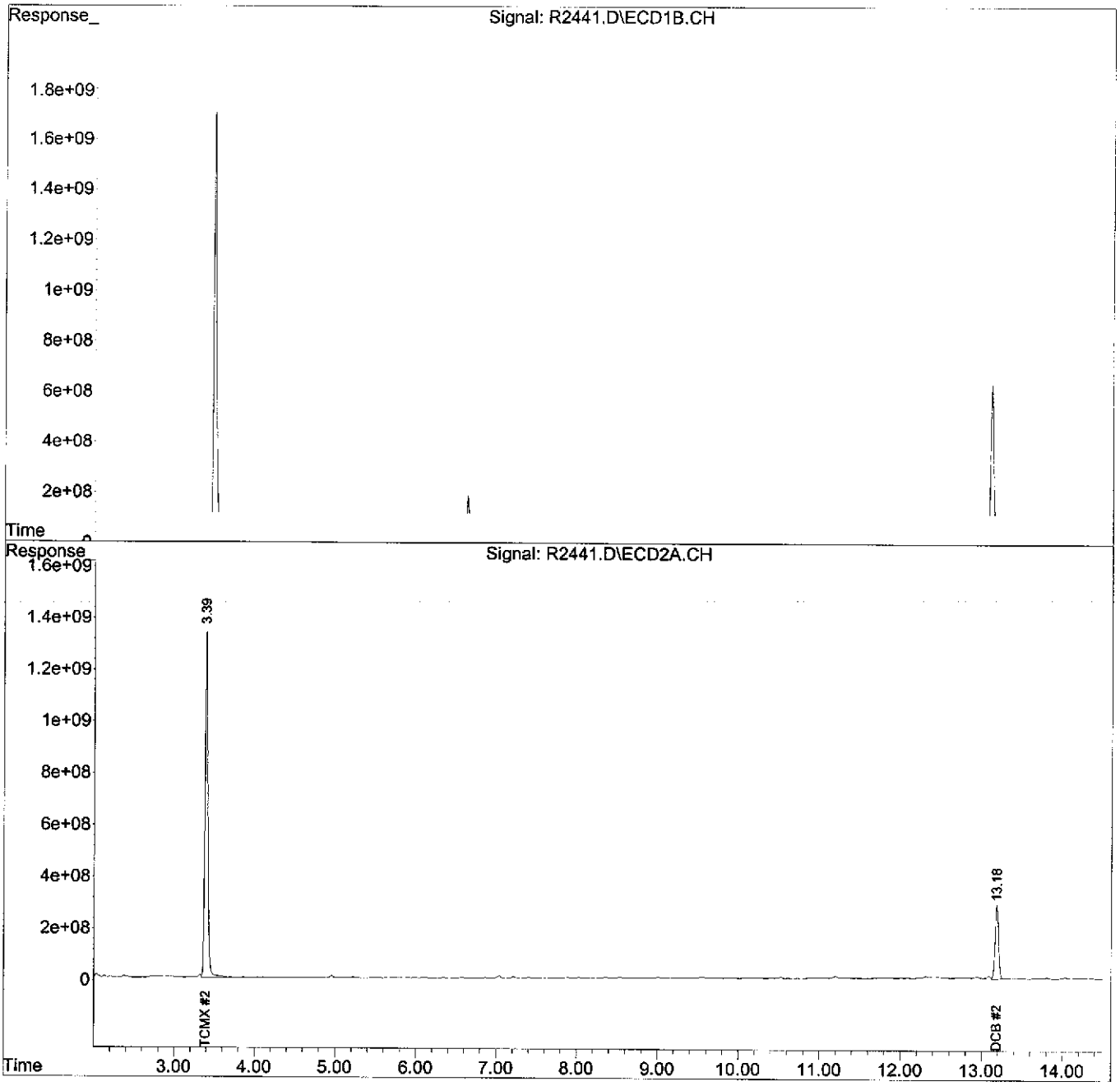
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

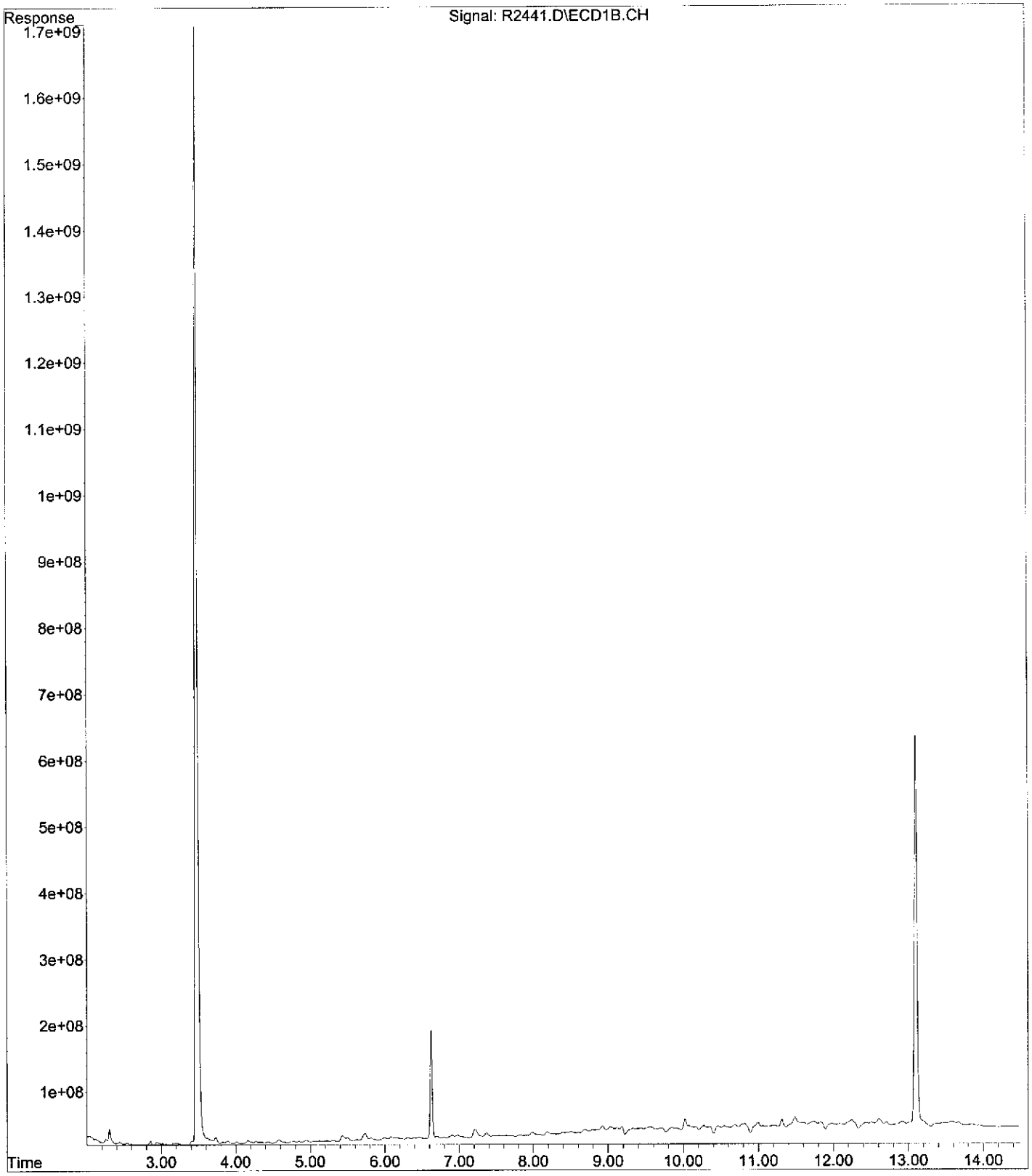
Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2441.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 13:48
Operator : YG
Sample : V-33(4.0-5,07371-015,S,5.36g,75.4,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:05:54 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\08-06-12\R2441.D
Operator : YG
Acquired : 06 Aug 2012 13:48 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: V-33(4.0-5,07371-015,S,5.36g,75.4,07/30/12,4
Misc Info : 120730-03,07/23/12,07/23/12,1
Vial Number: 8



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2442.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:06
Operator : YG
Sample : V-33(5.0-6,07371-016,S,5.05g,20.7,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:06:17 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	38449.1E6	28493.8E6	223.778	197.942
Spiked Amount 200.000			Recovery	=	111.89%	98.97%
2) S DCB	13.10	13.18	10858.0E6	5923.0E6	186.007m	147.868m
Spiked Amount 200.000			Recovery	=	93.00%	73.93%
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

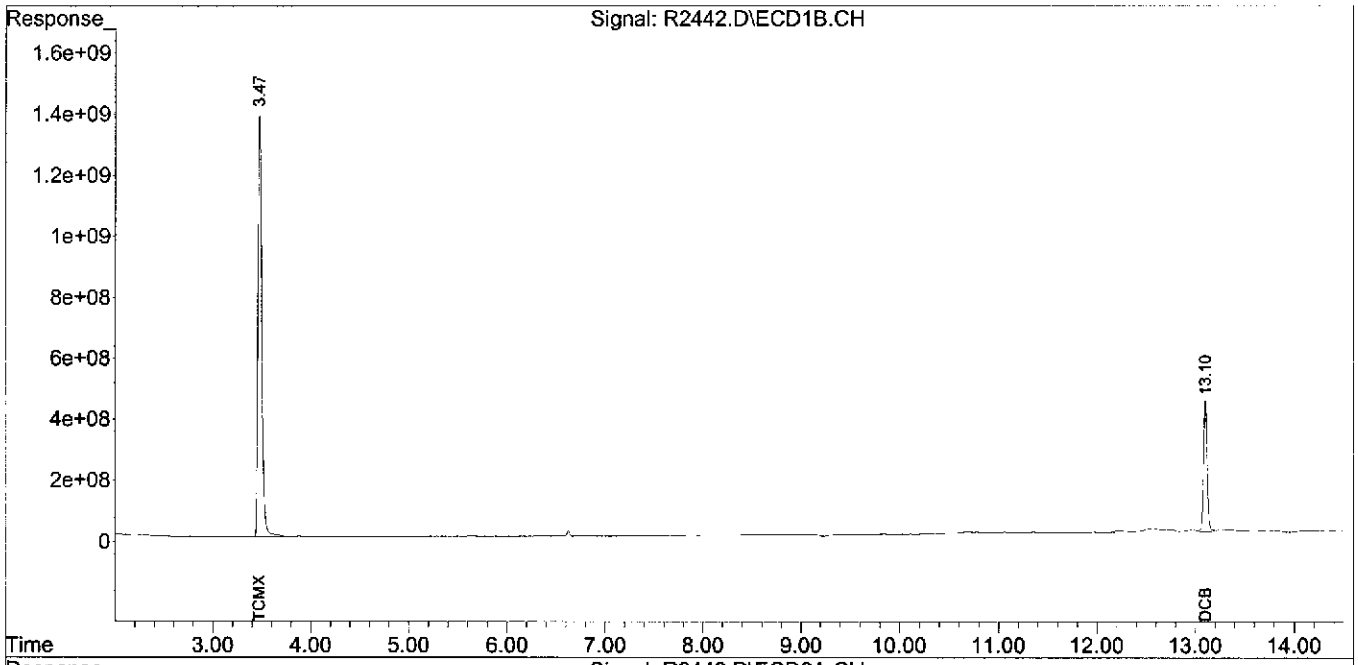
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

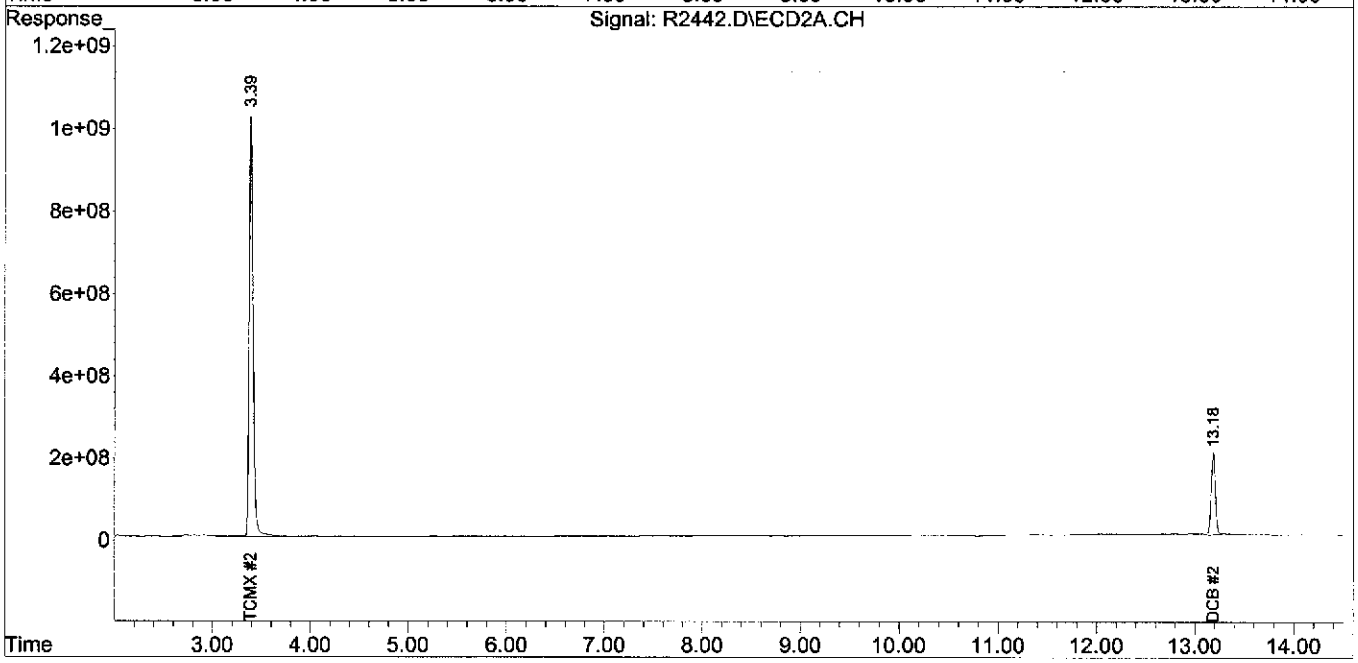
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2442.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:06
Operator : YG
Sample : V-33(5.0-6,07371-016,S,5.05g,20.7,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:06:17 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\08-06-12\
Data File : R2443.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:23
Operator : YG
Sample : V-34(0-2.0,07371-017,S,5.11g,22.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:07:33 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	5077.5E6	3346.0E6	29.552	23.244
Spiked Amount 200.000			Recovery	=	14.78%	11.62%
2) S DCB	13.10	13.18	1340.2E6	660.7E6	22.958m	16.493m#
Spiked Amount 200.000			Recovery	=	11.48%	8.25%
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	5.30	5.70	554.0E6	460.3E6	72.726	82.430
24) L6 Aroclor-1248 {2}	5.86	6.28	576.0E6	1029.7E6	134.259	128.954
25) L6 Aroclor-1248 {3}	6.20	6.70	698.1E6	776.4E6	127.097	130.087
26) L6 Aroclor-1248 {4}	6.93	6.86	1826.7E6	721.3E6	214.400	141.272 #
27) L6 Aroclor-1248 {5}	7.20	7.22	1104.2E6	438.9E6	154.234	151.989
Sum Aroclor-1248			4759.0E6	3426.8E6	702.716	634.733
Average Aroclor-1248					140.543	126.947
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	5682.6E6	1900.4E6	405.318	300.910 #
34) L8 Aroclor-1260 {2}	9.94	9.17	4224.3E6	2243.8E6	569.670	307.438 #
35) L8 Aroclor-1260 {3}	10.42	10.37	12017.3E6	2007.2E6	480.526	398.254
36) L8 Aroclor-1260 {4}	10.91	10.88	4586.1E6	4663.0E6	441.292	464.948
37) L8 Aroclor-1260 {5}	11.98	11.47	3261.4E6	3206.8E6	702.525	394.778 #
Sum Aroclor-1260			29771.6E6	14021.3E6	2599.331	1866.328
Average Aroclor-1260					519.866	373.266
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\08-06-12\
Data File : R2443.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:23
Operator : YG
Sample : V-34(0-2.0,07371-017,S,5.11g,22.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:07:33 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

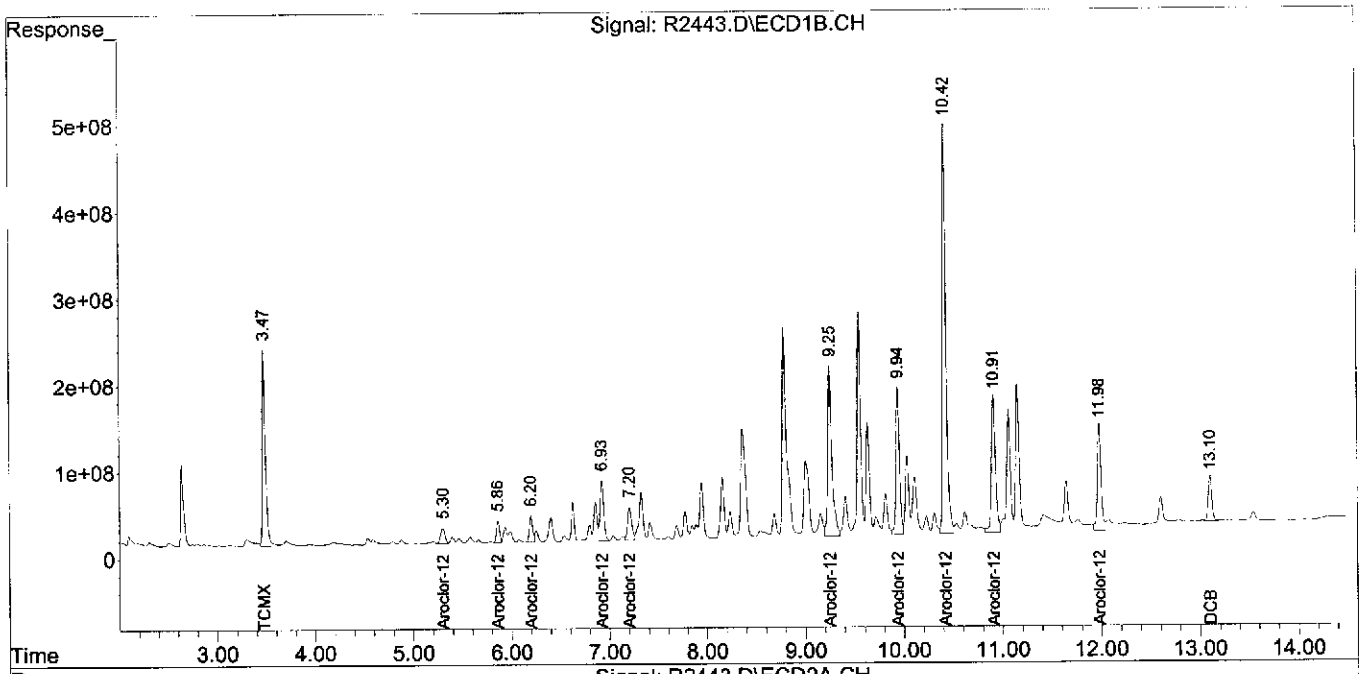
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

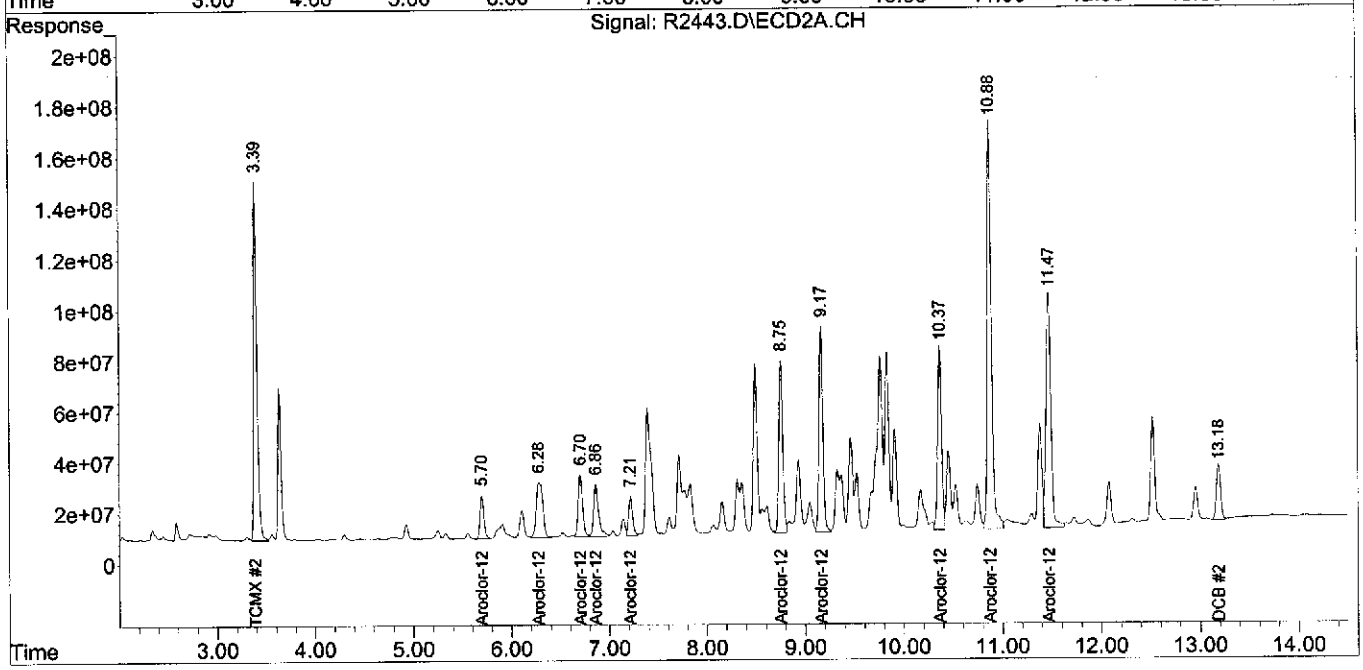
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2443.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:23
Operator : YG
Sample : V-34(0-2.0,07371-017,S,5.11g,22.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:07:33 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\08-06-12\
Data File : R2444.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:41
Operator : YG
Sample : V-34(2.0-3,07371-018,S,5.41g,11.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:08:38 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	39303.0E6	29293.3E6	228.748	203.496
Spiked Amount 200.000			Recovery	=	114.37%	101.75%
2) S DCB	13.10	13.18	11211.7E6	5890.9E6	192.066m	147.068m
Spiked Amount 200.000			Recovery	=	96.03%	73.53%
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

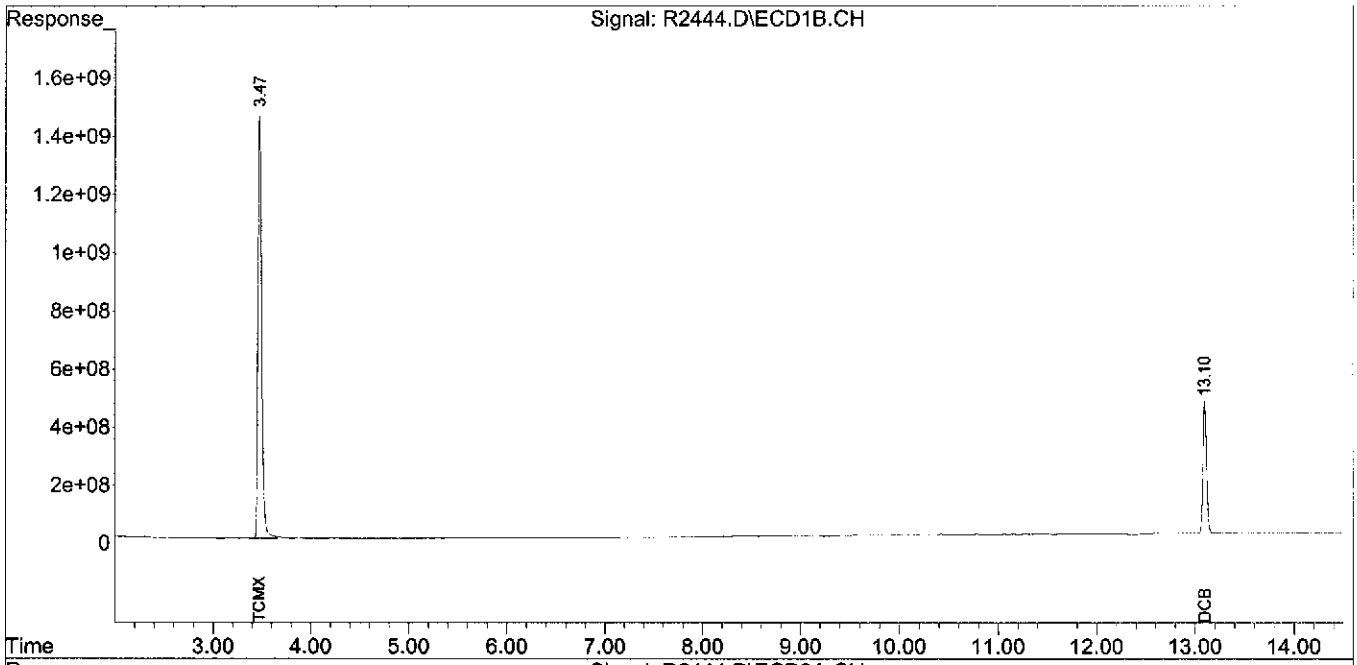
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

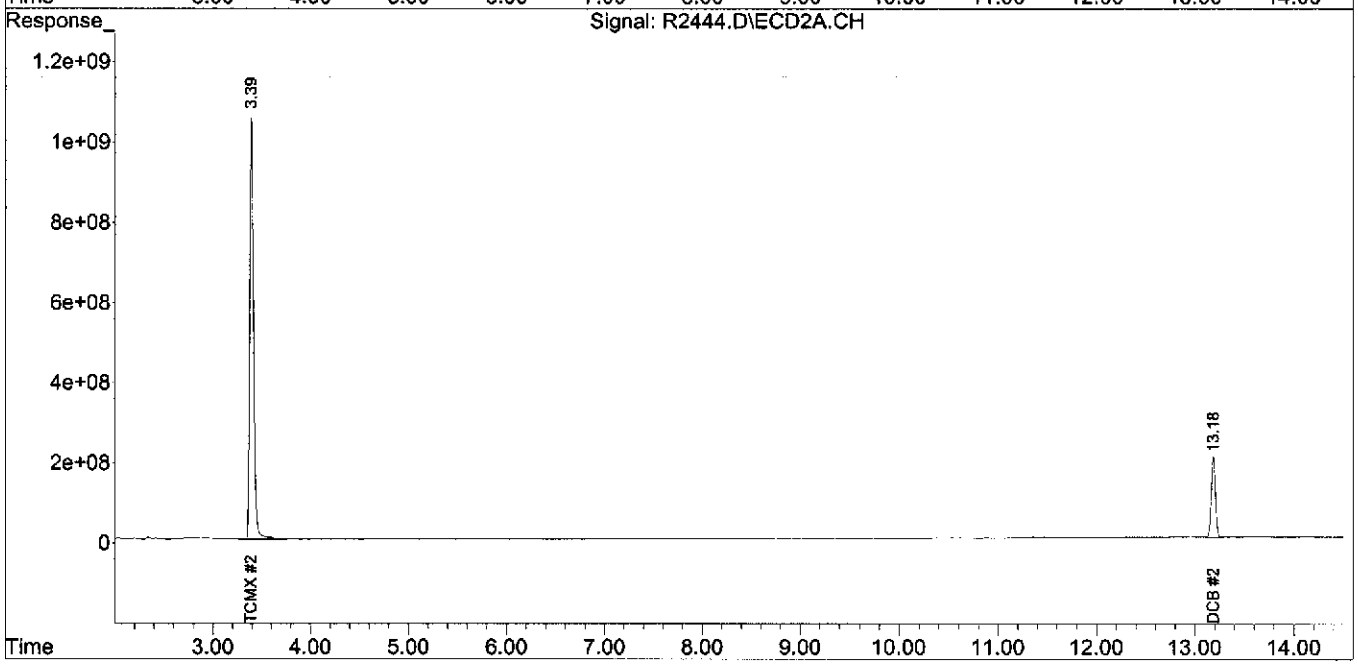
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2444.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:41
Operator : YG
Sample : V-34(2.0-3,07371-018,S,5.41g,11.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:08:38 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 (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2445.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:58
Operator : YG
Sample : V-34(3.0-4,07371-019,S,5.24g,74.1,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:09:06 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	3.47	3.39	37530.4E6	32171.5E6	218.431	223.491
Spiked Amount 200.000			Recovery	=	109.22%	111.75%
2) S DCB	13.10	13.18	13017.6E6	8025.5E6	223.002m	200.357m
Spiked Amount 200.000			Recovery	=	111.50%	100.18%
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

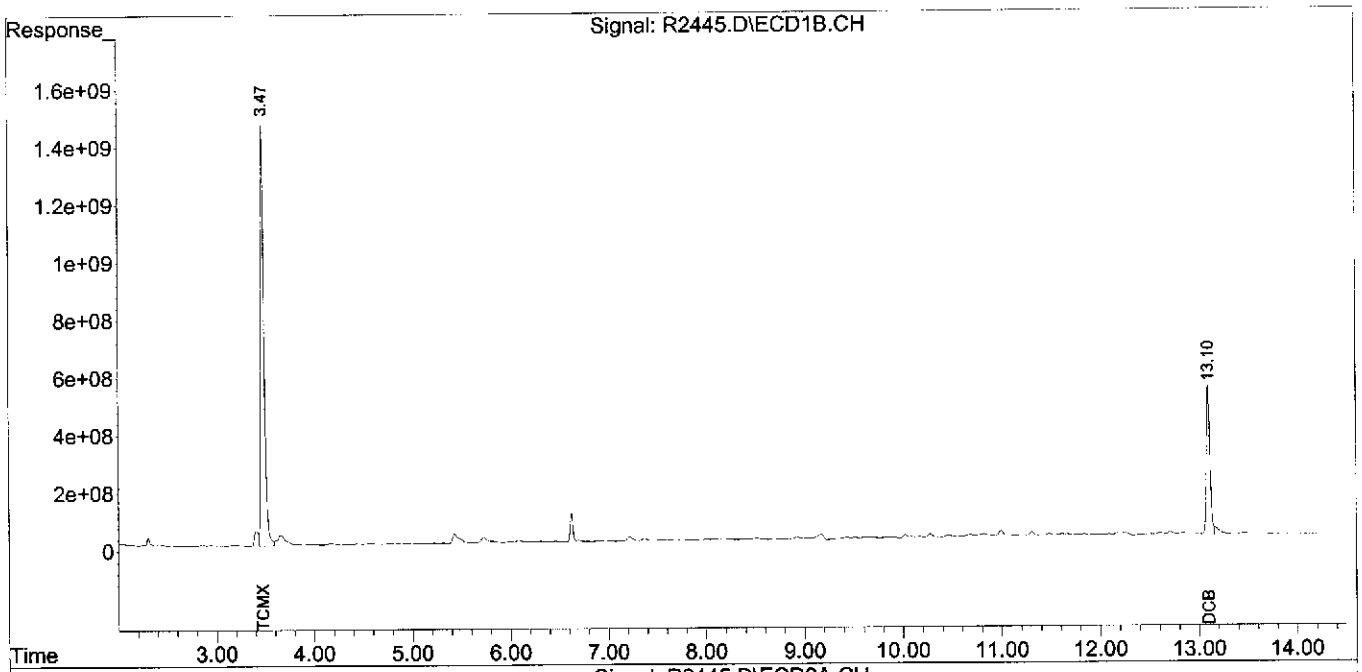
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

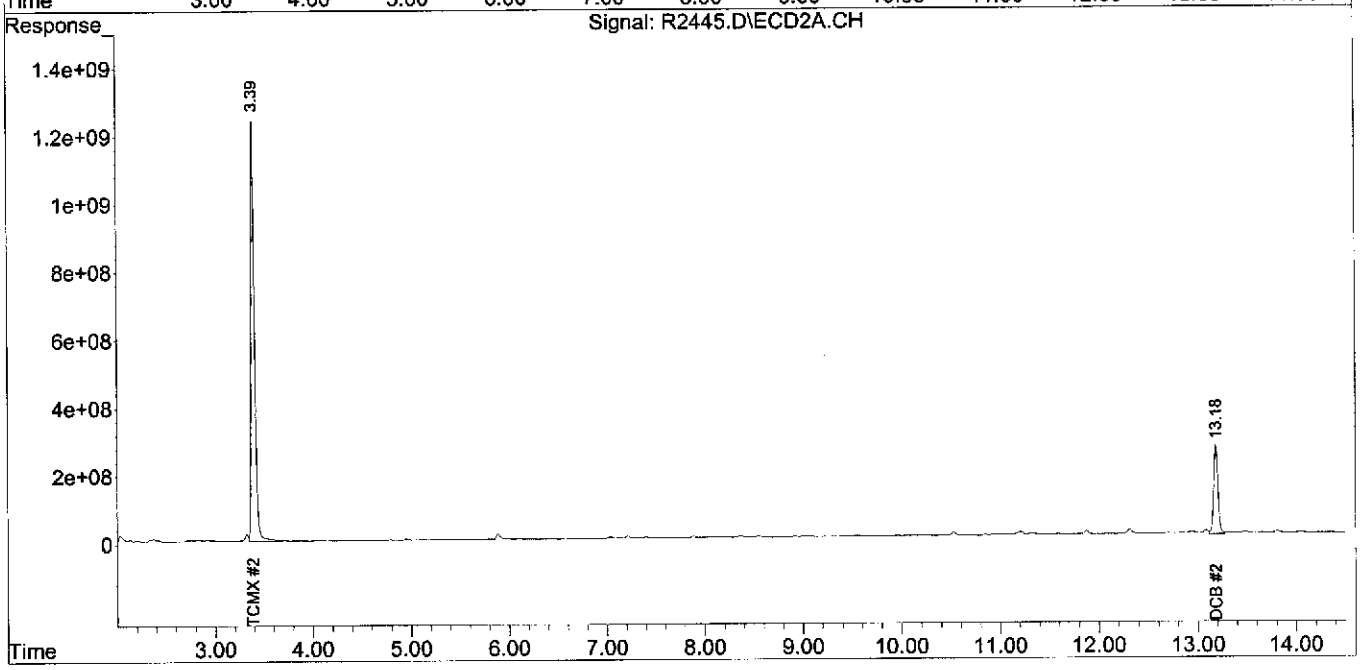
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2445.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 14:58
Operator : YG
Sample : V-34(3.0-4,07371-019,S,5.24g,74.1,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:09:06 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\08-06-12\
Data File : R2446.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 15:16
Operator : YG
Sample : V-34(4.0-6,07371-020,S,5.30g,20.0,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:09:33 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	36854.2E6	28925.7E6	214.496	200.943
Spiked Amount 200.000			Recovery	=	107.25%	100.47%
2) S DCB	13.10	13.18	9479.9E6	5847.4E6	162.399m	145.982m
Spiked Amount 200.000			Recovery	=	81.20%	72.99%
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

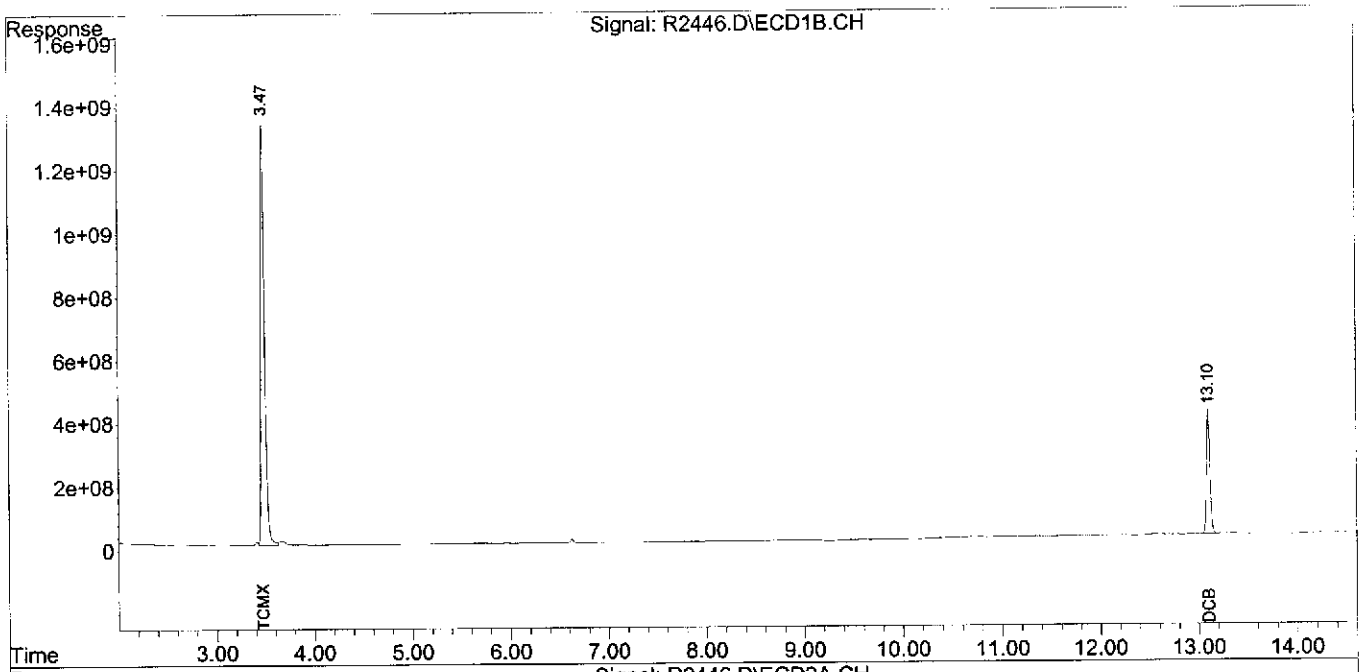
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

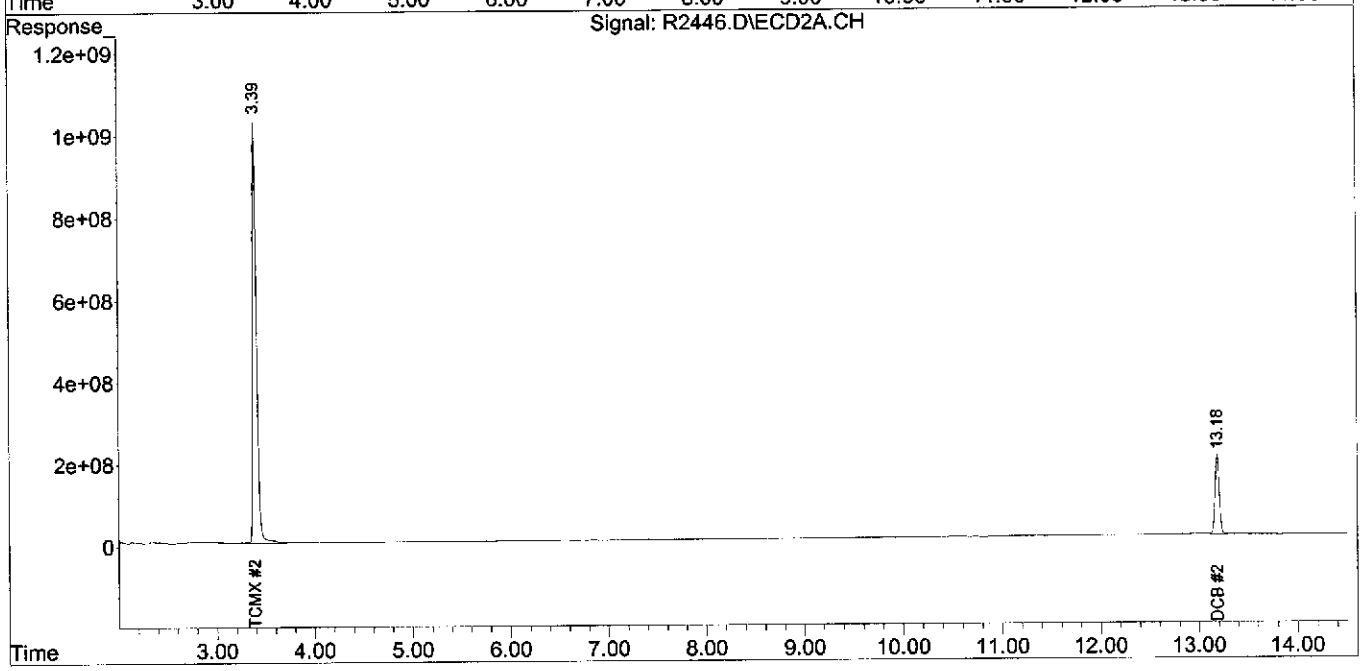
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2446.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 15:16
Operator : YG
Sample : V-34(4.0-6,07371-020,S,5.30g,20.0,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:09:33 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\08-06-12\
Data File : R2447.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 15:33
Operator : YG
Sample : V-35(0-2.0,07371-021,S,5.22g,23.3,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:11:10 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						
1) S TCMX	3.47	3.39	4672.4E6	3396.3E6	27.194	23.594
Spiked Amount 200.000			Recovery	=	13.60%	11.80%
2) S DCB	13.10	13.18	1229.1E6	678.0E6	21.056m	16.927m
Spiked Amount 200.000			Recovery	=	10.53%	8.46%
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
23) L6 Aroclor-1248	5.30	5.70	9457.4E6	6658.1E6	1241.567	1192.204
24) L6 Aroclor-1248 {2}	5.86	6.30	6923.8E6	12227.4E6	1613.953	1531.228
25) L6 Aroclor-1248 {3}	6.20	6.70	8935.1E6	9225.8E6	1626.630	1545.814
26) L6 Aroclor-1248 {4}	6.92	6.86	17965.4E6	7119.1E6	2108.570	1394.232 #
27) L6 Aroclor-1248 {5}	7.20	7.22	12665.3E6	4207.8E6	1769.149	1457.065
Sum Aroclor-1248			55947.0E6	39438.1E6	8359.869	7120.543
Average Aroclor-1248					1671.974	1424.109
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	8401.9E6	4600.4E6	599.280m	728.426
34) L8 Aroclor-1260 {2}	9.94	9.16	2393.2E6	2962.6E6	322.741	405.923 #
35) L8 Aroclor-1260 {3}	10.42	10.37	8397.9E6	2272.8E6	335.801	450.951 #
36) L8 Aroclor-1260 {4}	10.91	10.88	3662.1E6	3653.6E6	352.383	364.301
37) L8 Aroclor-1260 {5}	11.98	11.47	2200.1E6	2590.1E6	473.919	318.863 #
Sum Aroclor-1260			25055.3E6	16079.6E6	2084.124	2268.464
Average Aroclor-1260					416.825	453.693
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\08-06-12\
Data File : R2447.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 15:33
Operator : YG
Sample : V-35(0-2.0,07371-021,S,5.22g,23.3,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:11:10 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

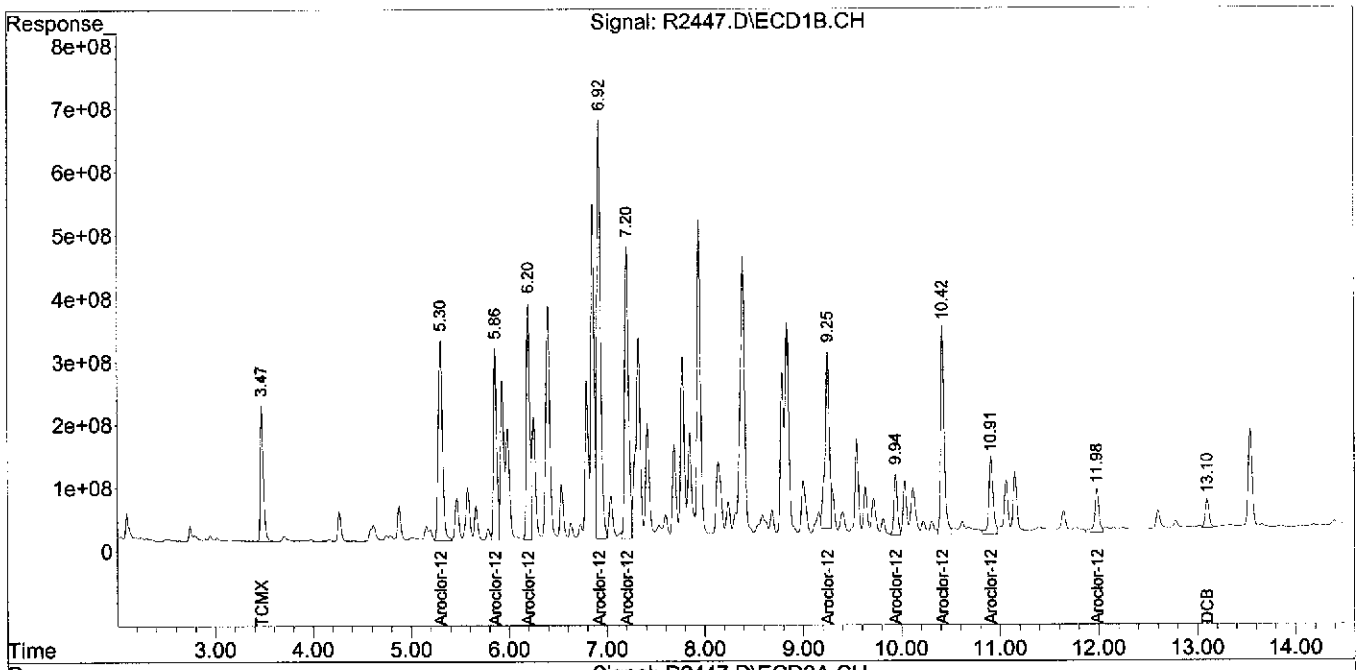
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

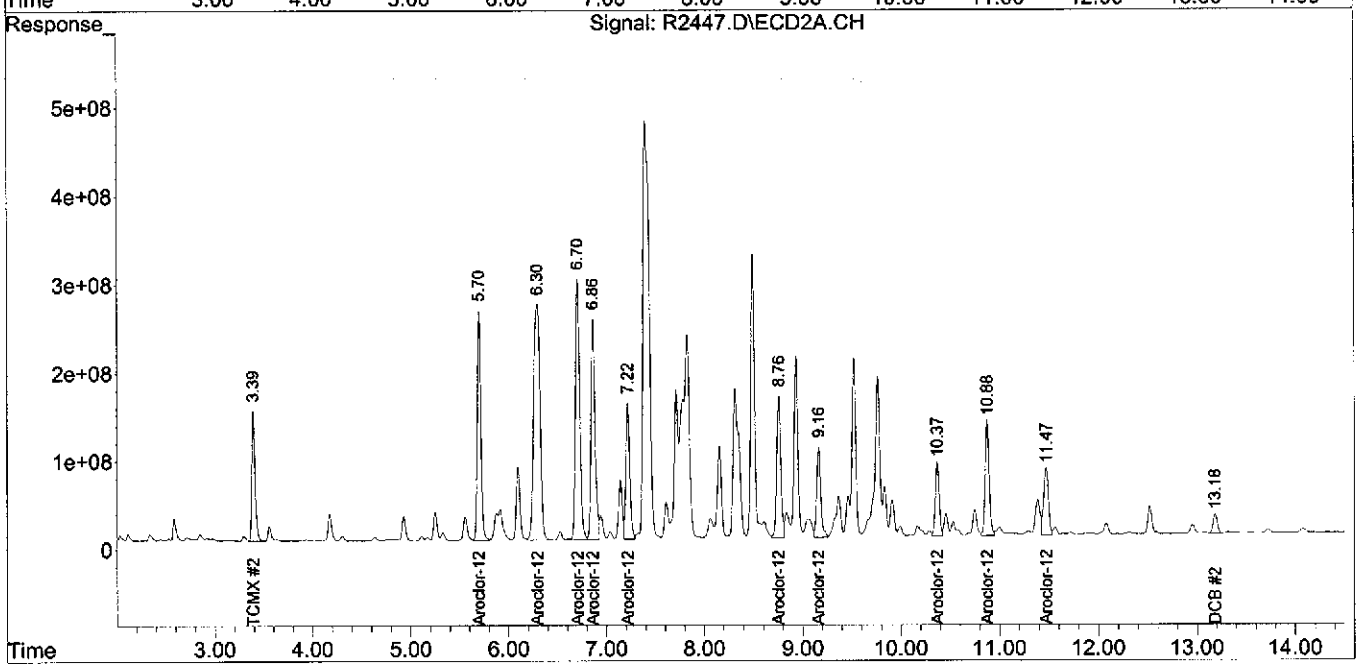
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2447.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 15:33
Operator : YG
Sample : V-35(0-2.0,07371-021,S,5.22g,23.3,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:11:10 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\08-06-12\
Data File : R2465.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 21:55
Operator : YG
Sample : V-35(2.0-3,07371-022,S,5.62g,39.7,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:42:03 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
33) L8 Aroclor-1260	9.25	8.75	6687.2E6	2212.1E6	476.978	350.265 #
34) L8 Aroclor-1260 {2}	9.94	9.16	3664.9E6	2594.5E6	494.233	355.477 #
35) L8 Aroclor-1260 {3}	10.42	10.37	11906.5E6	2616.2E6	476.097	519.088
36) L8 Aroclor-1260 {4}	10.91	10.87	3986.1E6	4980.6E6	383.560	496.608 #
37) L8 Aroclor-1260 {5}	11.98	11.47	2590.8E6	3489.9E6	558.090	429.637
Sum Aroclor-1260			28835.6E6	15893.3E6	2388.958	2151.075
Average Aroclor-1260					477.792	430.215
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

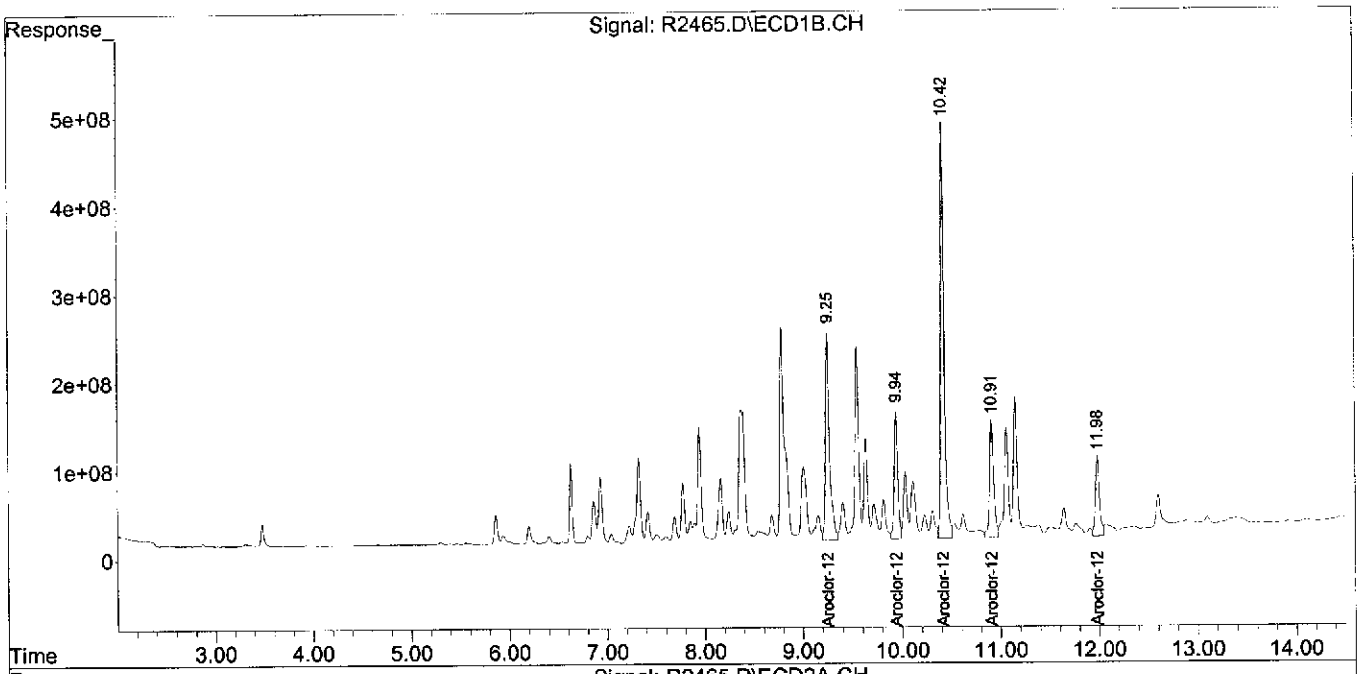
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

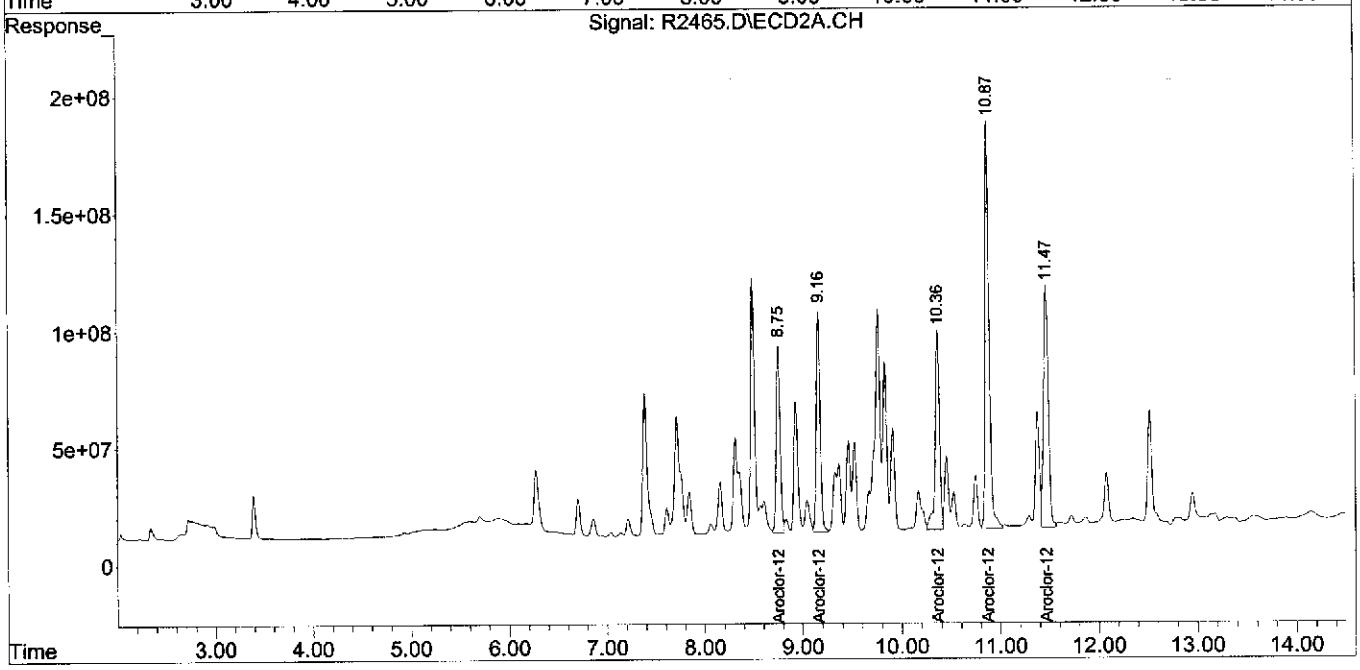
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2465.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 21:55
Operator : YG
Sample : V-35(2.0-3,07371-022,S,5.62g,39.7,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:42:03 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\08-06-12\
Data File : R2449.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 16:08
Operator : YG
Sample : V-35(3.5-4,07371-023,S,5.17g,58.4,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:13:40 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	31212.2E6	33610.8E6	181.659	233.490 #
Spiked Amount 200.000			Recovery	=	90.83%	116.75%
2) S DCB	13.10	13.18	11594.6E6	6103.8E6	198.626m	152.381m
Spiked Amount 200.000			Recovery	=	99.31%	76.19%
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	10.37	2612.7E6	1092.2E6	149.077m	156.439
39) L9 Aroclor-1262 {2}	10.42	10.88	4998.7E6	2324.1E6	168.655m	165.094m
40) L9 Aroclor-1262 {3}	11.06	11.38	3060.0E6	1584.0E6	268.013m	302.531
41) L9 Aroclor-1262 {4}	11.15	11.47	3199.7E6	2290.8E6	285.401m	226.055
42) L9 Aroclor-1262 {5}	11.98	12.08	1880.8E6	508.3E6	234.326	254.877m
Sum Aroclor-1262			15751.9E6	7799.3E6	1105.473	1104.996
Average Aroclor-1262					221.095	220.999
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

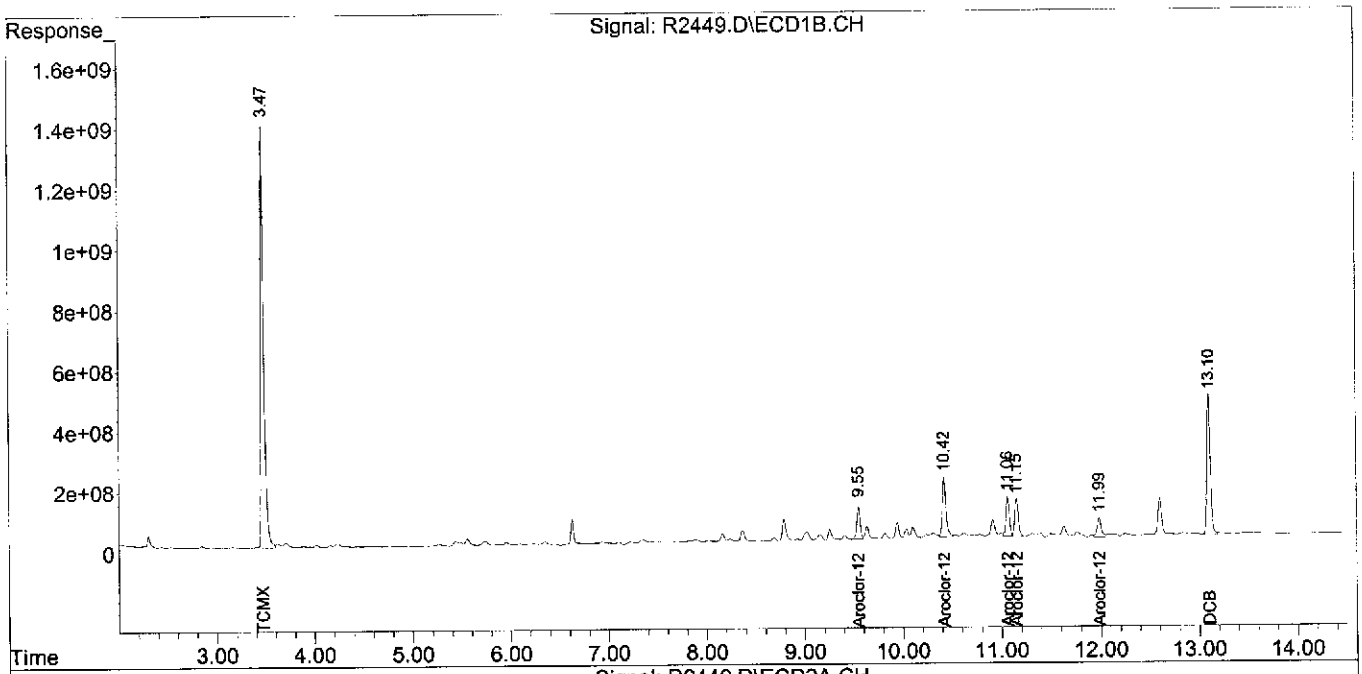
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

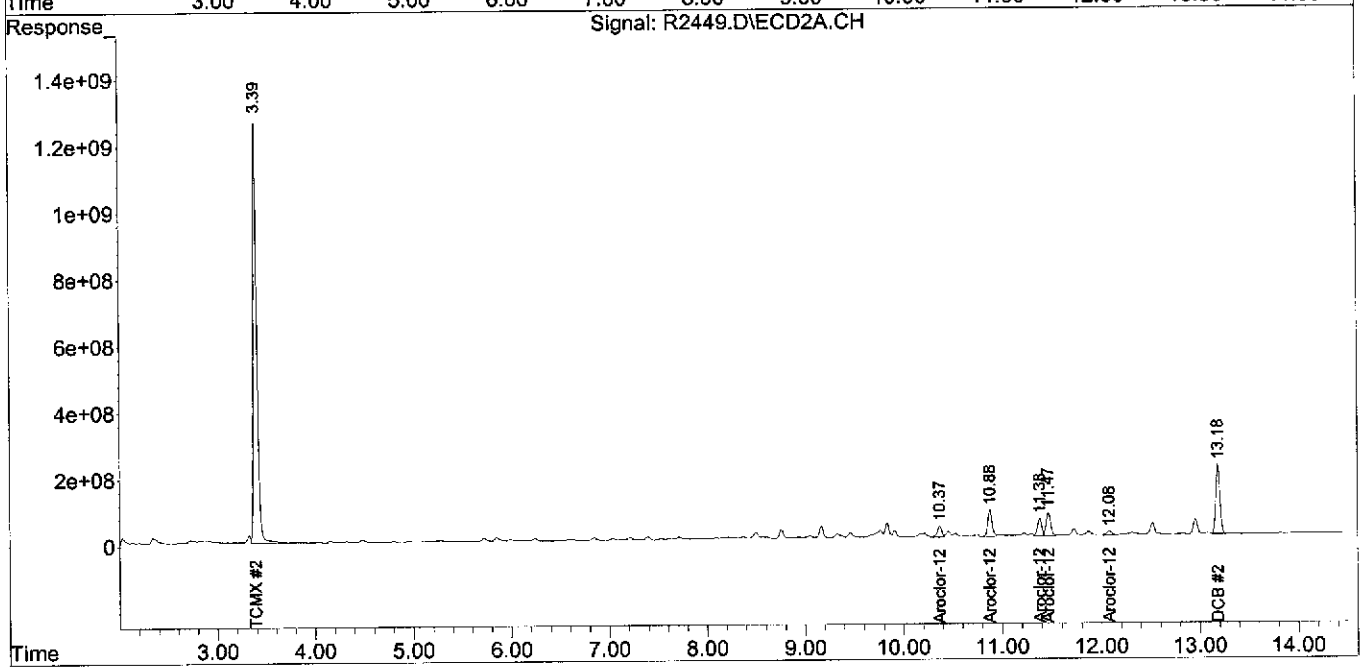
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2449.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 16:08
Operator : YG
Sample : V-35(3.5-4,07371-023,S,5.17g,58.4,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:13:40 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 #1 Info :
Signal #2 Phase:
Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2450.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 16:25
Operator : YG
Sample : V-35(4.0-6,07371-024,S,5.55g,20.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:14:18 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						
1) S TCMX	3.47	3.39	38288.4E6	29973.0E6	222.843	208.218
Spiked Amount 200.000			Recovery	=	111.42%	104.11%
2) S DCB	13.10	13.19	8891.5E6	5978.9E6	152.319m	149.264m
Spiked Amount 200.000			Recovery	=	76.16%	74.63%
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

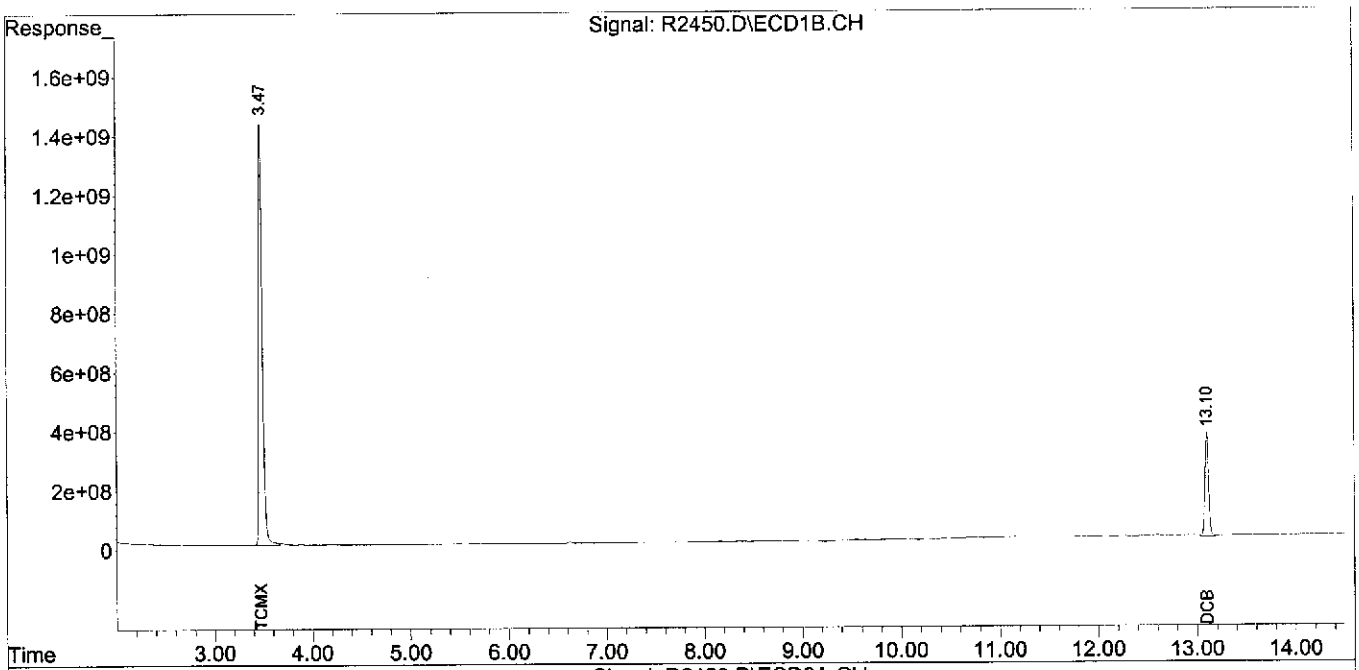
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

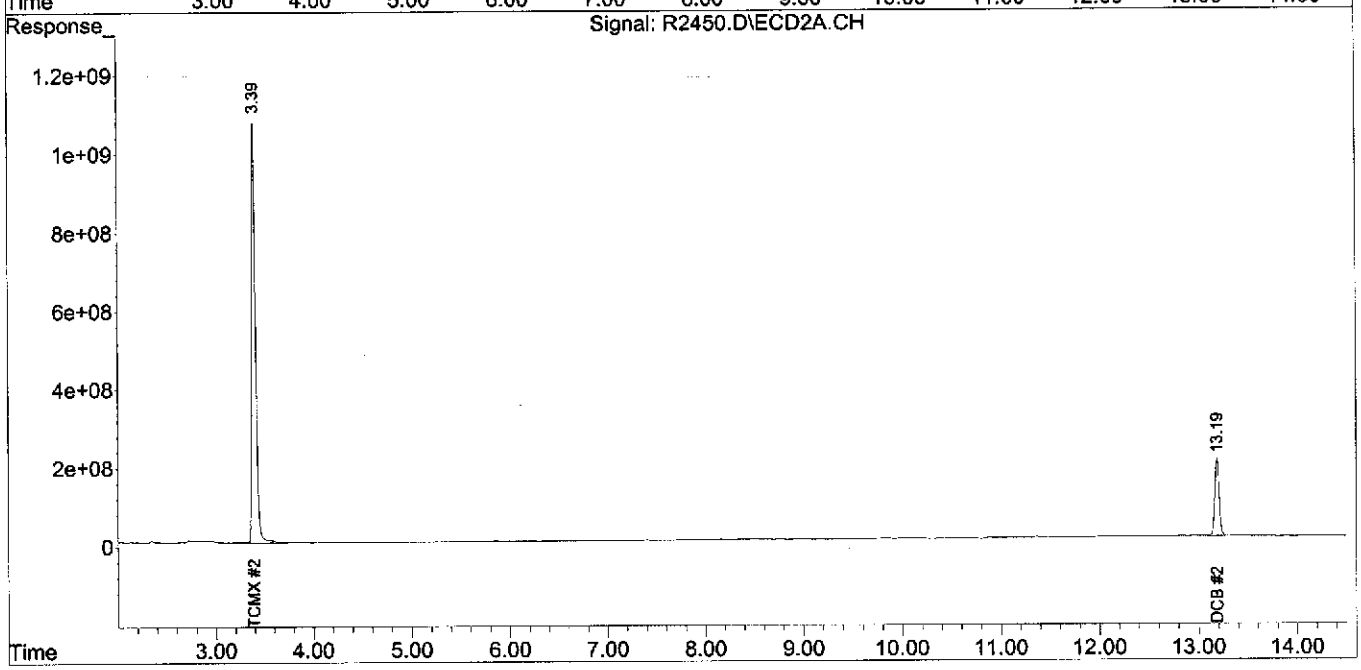
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2450.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 16:25
Operator : YG
Sample : V-35(4.0-6,07371-024,S,5.55g,20.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:14:18 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2466.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 22:13
Operator : YG
Sample : V-36(0-2.0,07371-025,S,5.49g,16.9,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:46:09 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						
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	5.30	5.70	1945.8E6	1357.7E6	255.450	243.121
24) L6 Aroclor-1248 {2}	5.86	6.29	1327.7E6	2370.8E6	309.493	296.888
25) L6 Aroclor-1248 {3}	6.20	6.71	1590.3E6	1731.1E6	289.518	290.045
26) L6 Aroclor-1248 {4}	6.92	6.86	3494.8E6	1360.5E6	410.181	266.456 #
27) L6 Aroclor-1248 {5}	7.20	7.22	2152.4E6	836.4E6	300.659	289.625
Sum Aroclor-1248			10511.1E6	7656.5E6	1565.300	1386.136
Average Aroclor-1248					313.060	277.227
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	7251.6E6	2595.3E6	517.229	410.940
34) L8 Aroclor-1260 {2}	9.94	9.16	4065.0E6	3012.8E6	548.198	412.801
35) L8 Aroclor-1260 {3}	10.42	10.37	12994.6E6	2544.6E6	519.606	504.884
36) L8 Aroclor-1260 {4}	10.91	10.87	3986.1E6	5697.5E6	383.557	568.089 #
37) L8 Aroclor-1260 {5}	11.98	11.47	2935.8E6	3623.0E6	632.387	446.023 #
Sum Aroclor-1260			31233.1E6	17473.3E6	2600.977	2342.737
Average Aroclor-1260					520.195	468.547
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

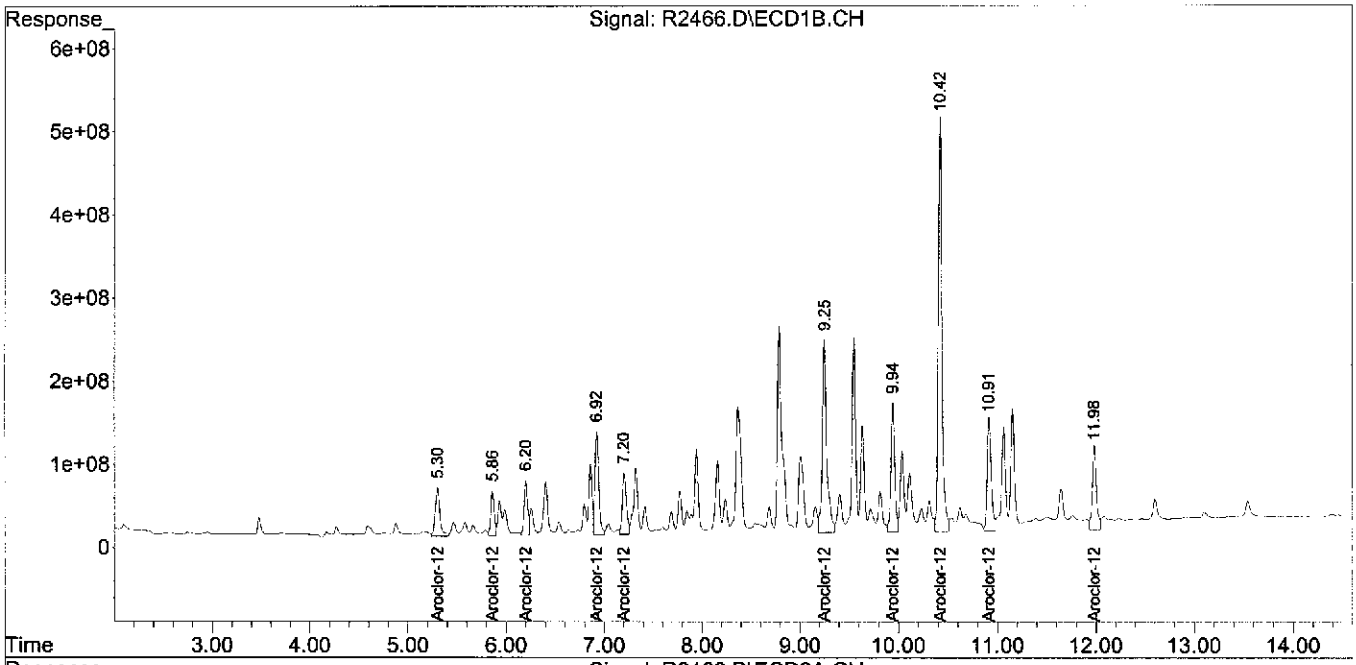
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

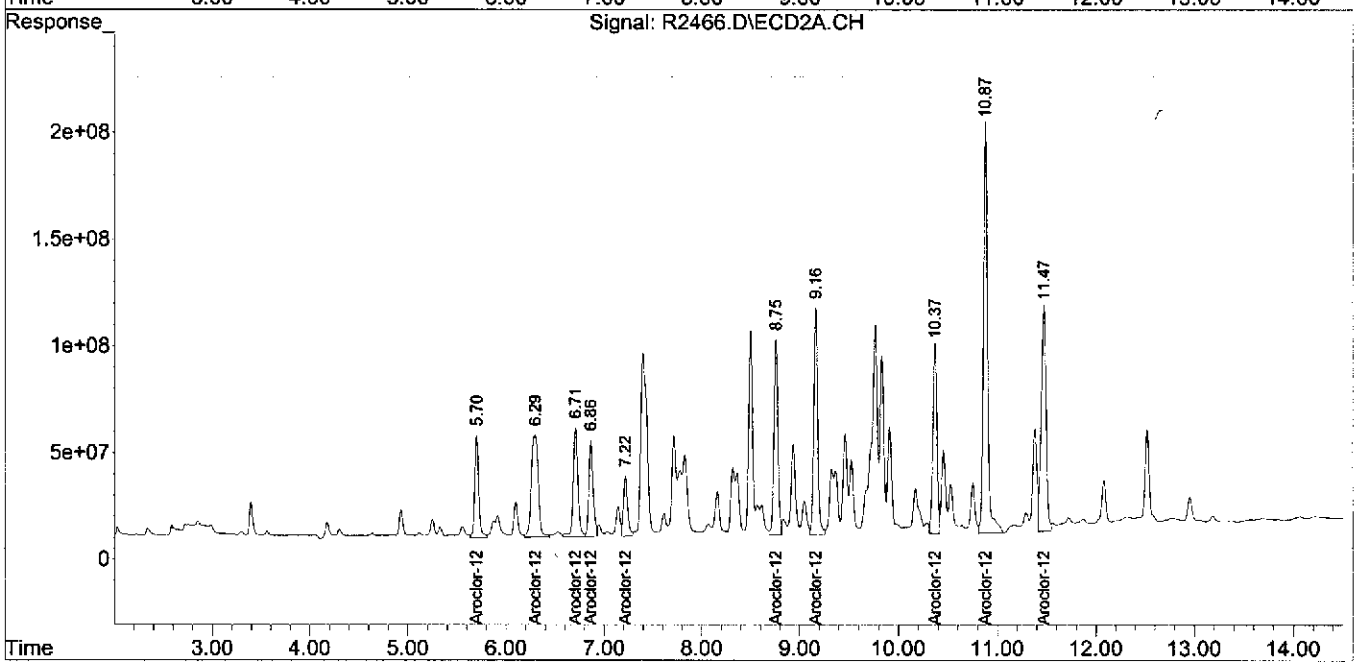
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2466.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 22:13
Operator : YG
Sample : V-36(0-2.0,07371-025,S,5.49g,16.9,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:46:09 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2452.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 17:18
Operator : YG
Sample : V-36(2.0-3,07371-026,S,5.31g,33.6,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:17:03 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	10.37	23209.8E6	9173.2E6	1324.332	1313.949
39) L9 Aroclor-1262 {2}	10.42	10.88	48363.6E6	24554.4E6	1631.767	1744.265
40) L9 Aroclor-1262 {3}	11.06	11.38	15494.8E6	5777.6E6	1357.136	1103.491
41) L9 Aroclor-1262 {4}	11.15	11.47	17734.7E6	15691.9E6	1581.866	1548.483
42) L9 Aroclor-1262 {5}	11.98	12.08	10674.4E6	3343.4E6	1329.900	1676.462 #
Sum Aroclor-1262			115477.3E6	58540.5E6	7225.001	7386.651
Average Aroclor-1262					1445.000	1477.330
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

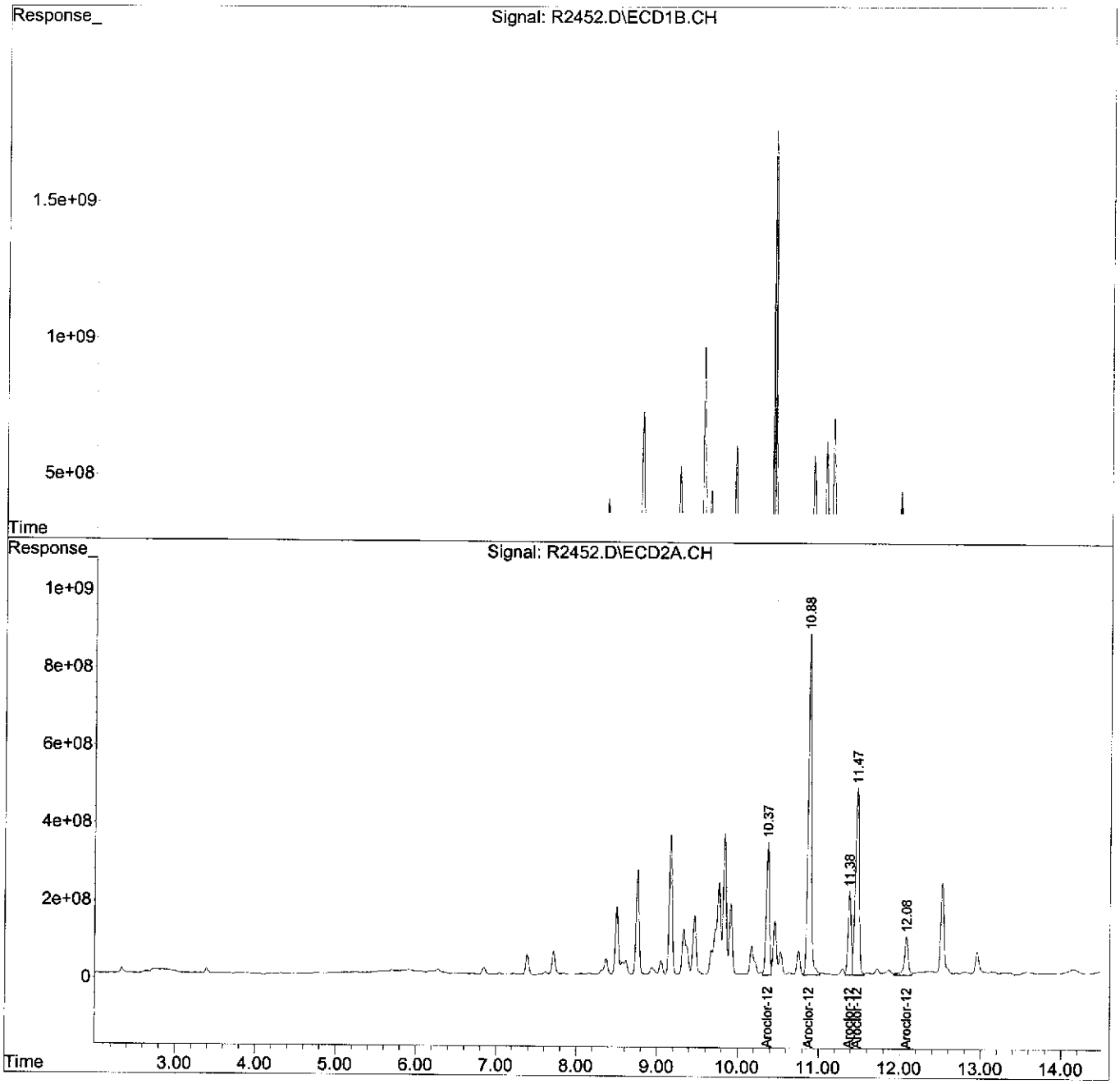
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

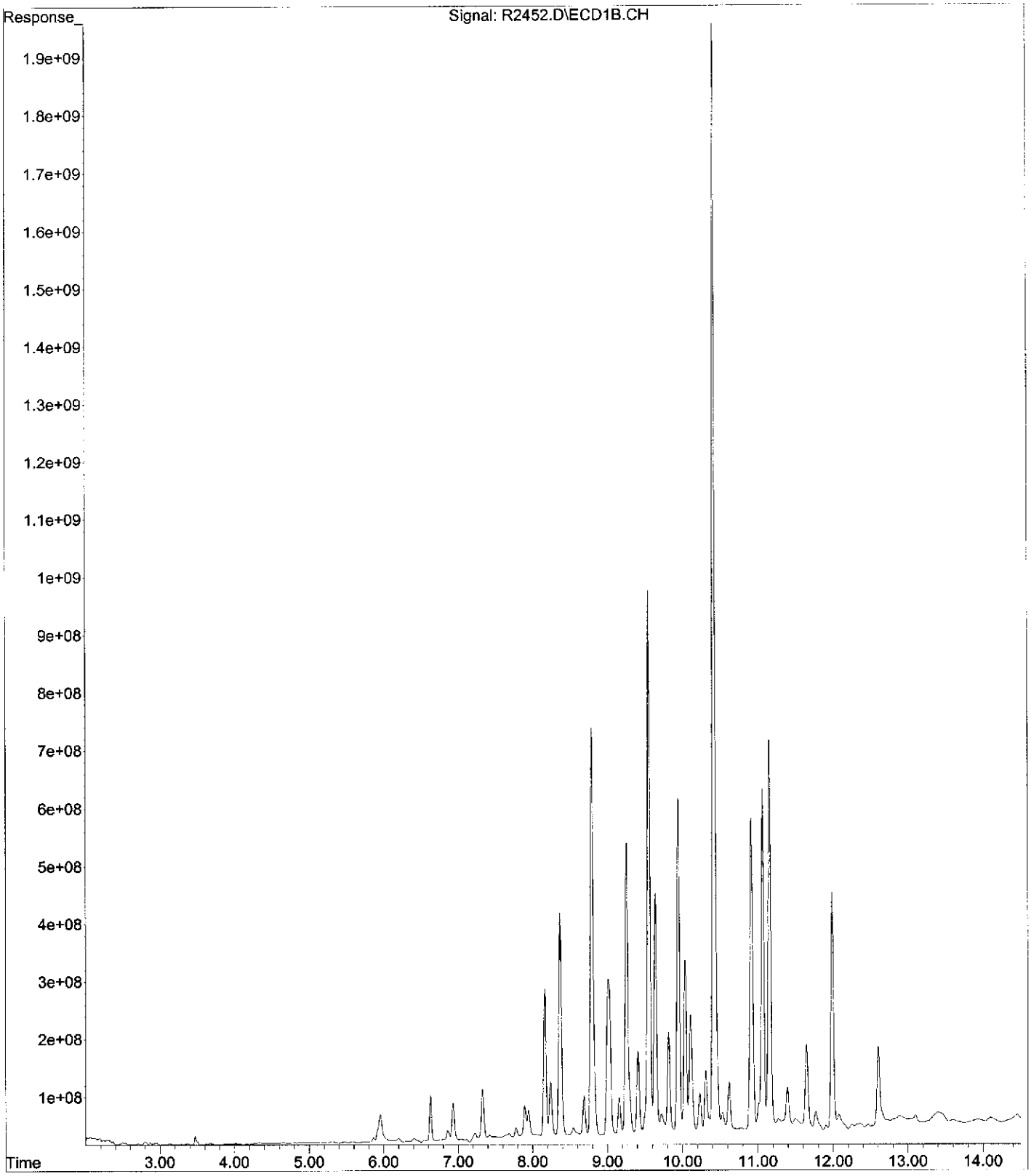
Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2452.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 17:18
Operator : YG
Sample : V-36(2.0-3,07371-026,S,5.31g,33.6,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:17:03 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\08-06-12\R2452.D
Operator : YG
Acquired : 06 Aug 2012 17:18 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: V-36(2.0-3,07371-026,S,5.31g,33.6,07/30/12,4
Misc Info : 120730-03,07/23/12,07/23/12,100
Vial Number: 19



Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2453.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 17:35
Operator : YG
Sample : V-36(3.0-4,07371-027,S,5.06g,37.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:17:46 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	10.37	4534.7E6	2254.2E6	258.744m	322.882
39) L9 Aroclor-1262 {2}	10.42	10.88	9930.9E6	5152.9E6	335.064m	366.046
40) L9 Aroclor-1262 {3}	11.06	11.38	2791.5E6	1885.3E6	244.499m	360.085 #
41) L9 Aroclor-1262 {4}	11.15	11.47	3993.6E6	3887.8E6	356.213m	383.649
42) L9 Aroclor-1262 {5}	11.99	12.08	2075.2E6	1122.5E6	258.549m	562.875 #
Sum Aroclor-1262			23325.9E6	14302.7E6	1453.069	1995.537
Average Aroclor-1262					290.614	399.107
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

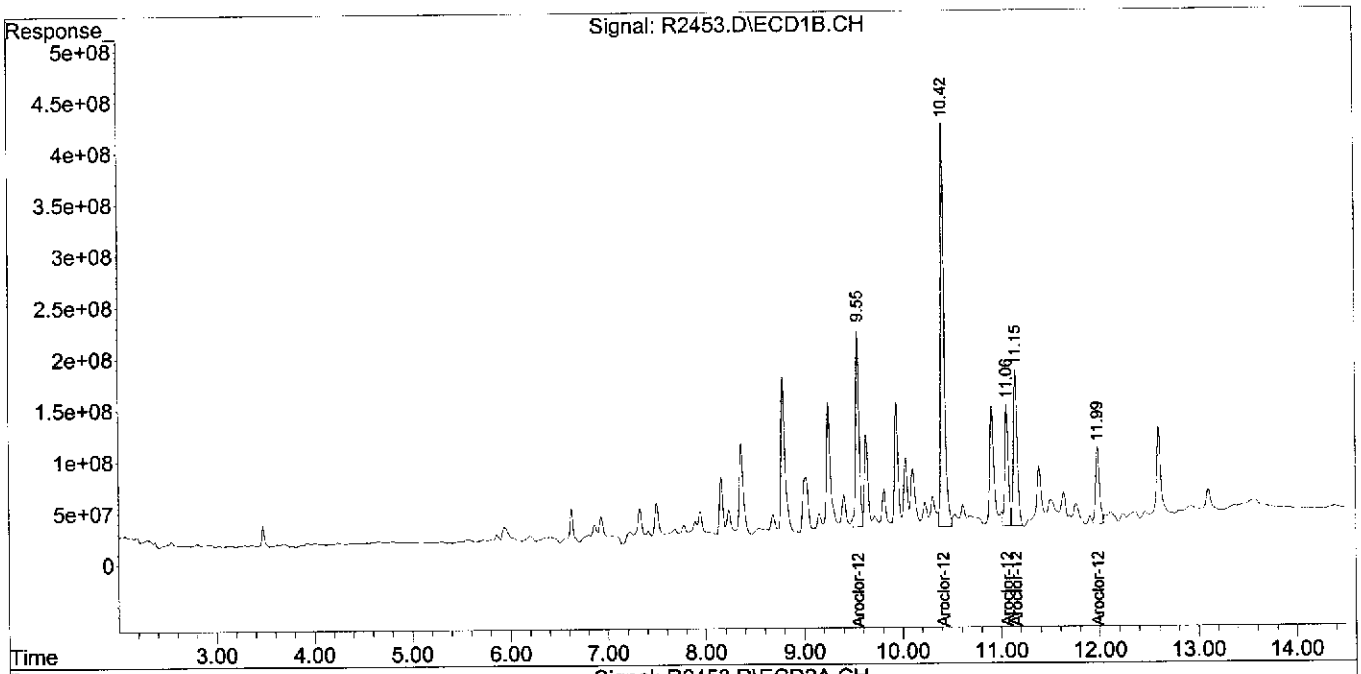
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

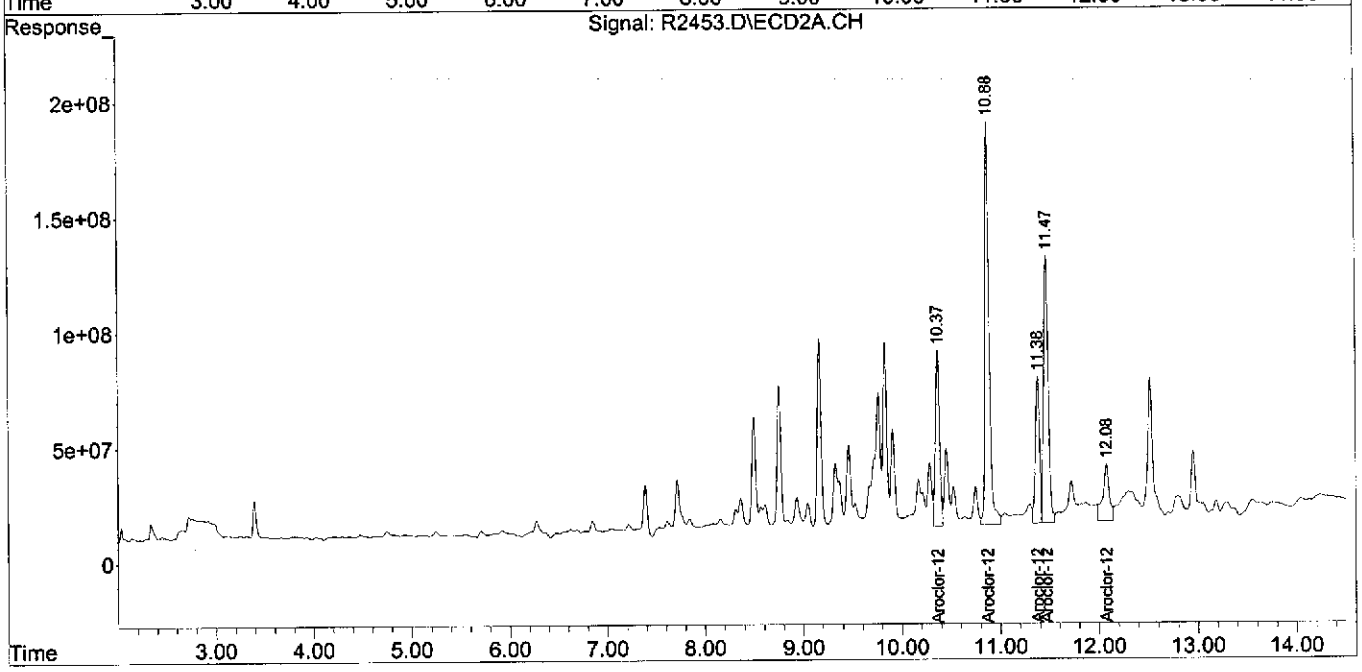
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2453.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 17:35
Operator : YG
Sample : V-36(3.0-4,07371-027,S,5.06g,37.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:17:46 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\08-06-12\
Data File : R2454.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 18:44
Operator : YG
Sample : V-36(4.0-5,07371-028,S,5.11g,71.1,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:18:19 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	3.41	34392.3E6	31709.2E6	200.167	220.279
Spiked Amount 200.000			Recovery	=	100.08%	110.14%
2) S DCB	13.10	13.20	9111.4E6	5790.0E6	156.086m	144.548m
Spiked Amount 200.000			Recovery	=	78.04%	72.27%
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

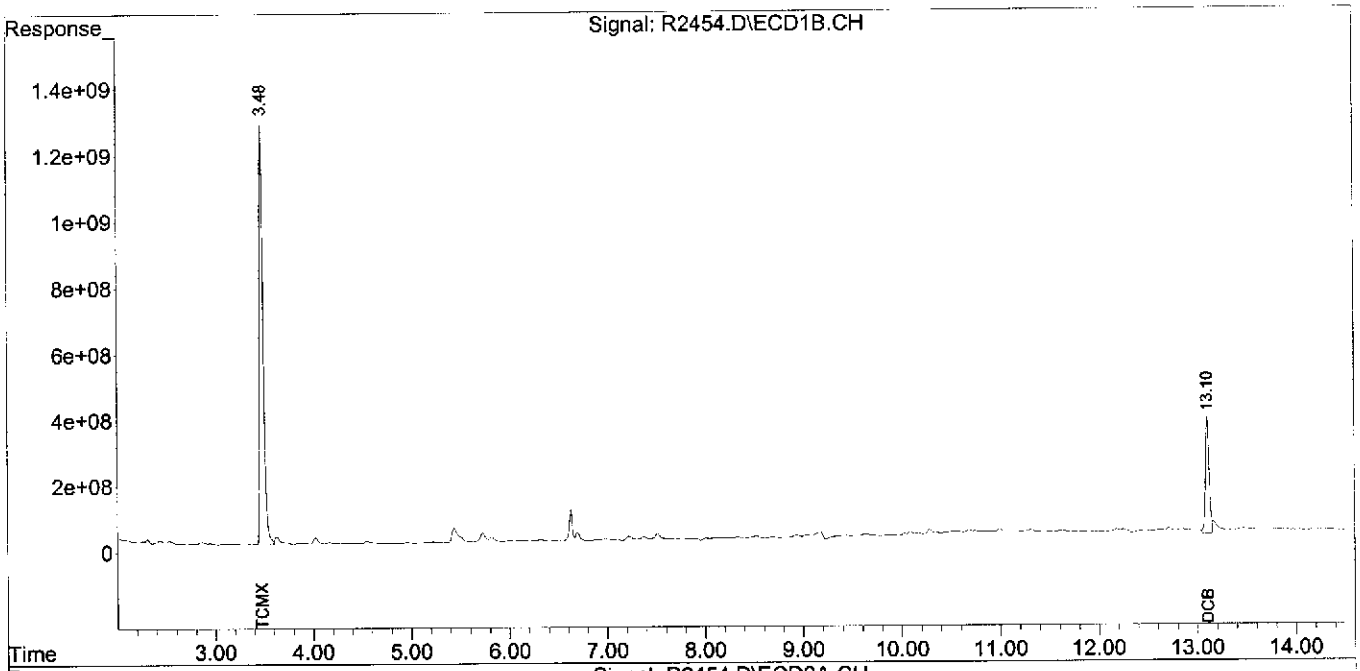
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

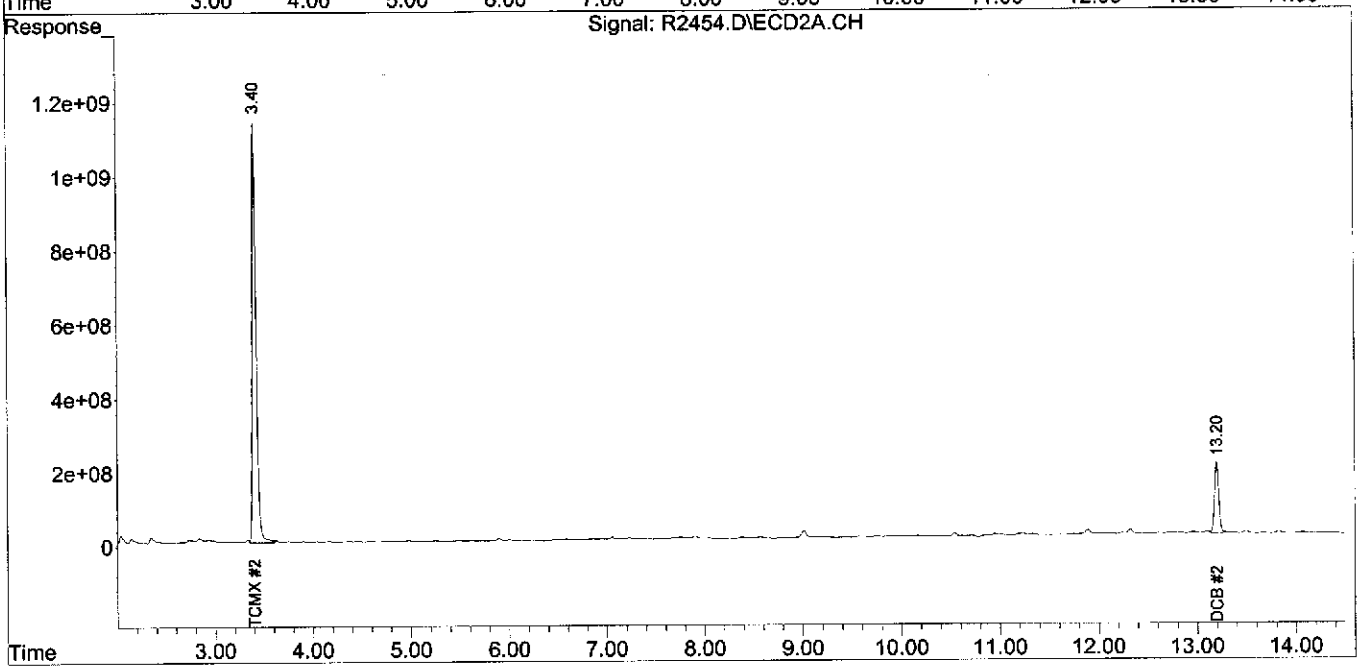
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2454.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 18:44
Operator : YG
Sample : V-36(4.0-5,07371-028,S,5.11g,71.1,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:18:19 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\08-06-12\
Data File : R2455.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:01
Operator : YG
Sample : V-36(5.0-6,07371-029,S,5.42g,20.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:19:40 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	34137.9E6	27465.1E6	198.687	190.796
Spiked Amount 200.000			Recovery	=	99.34%	95.40%
2) S DCB	13.10	13.19	7420.4E6	4792.5E6	127.118m	119.646m
Spiked Amount 200.000			Recovery	=	63.56%	59.82%
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

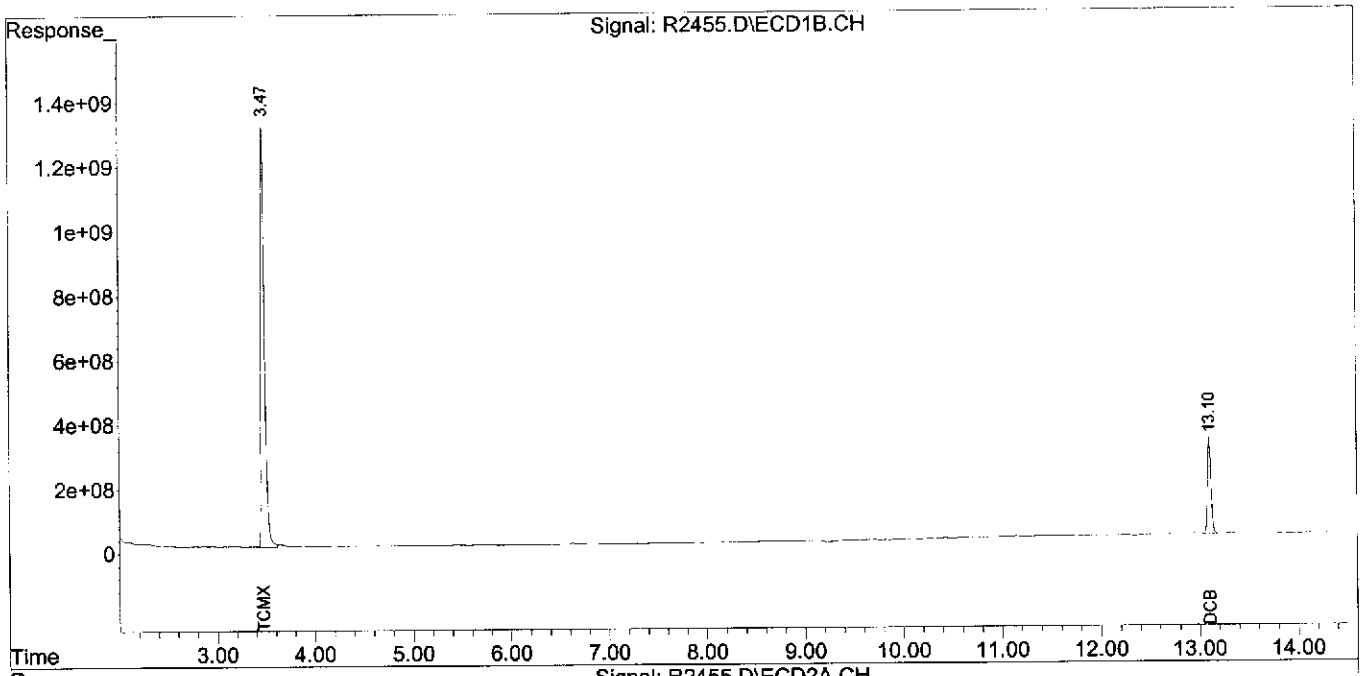
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

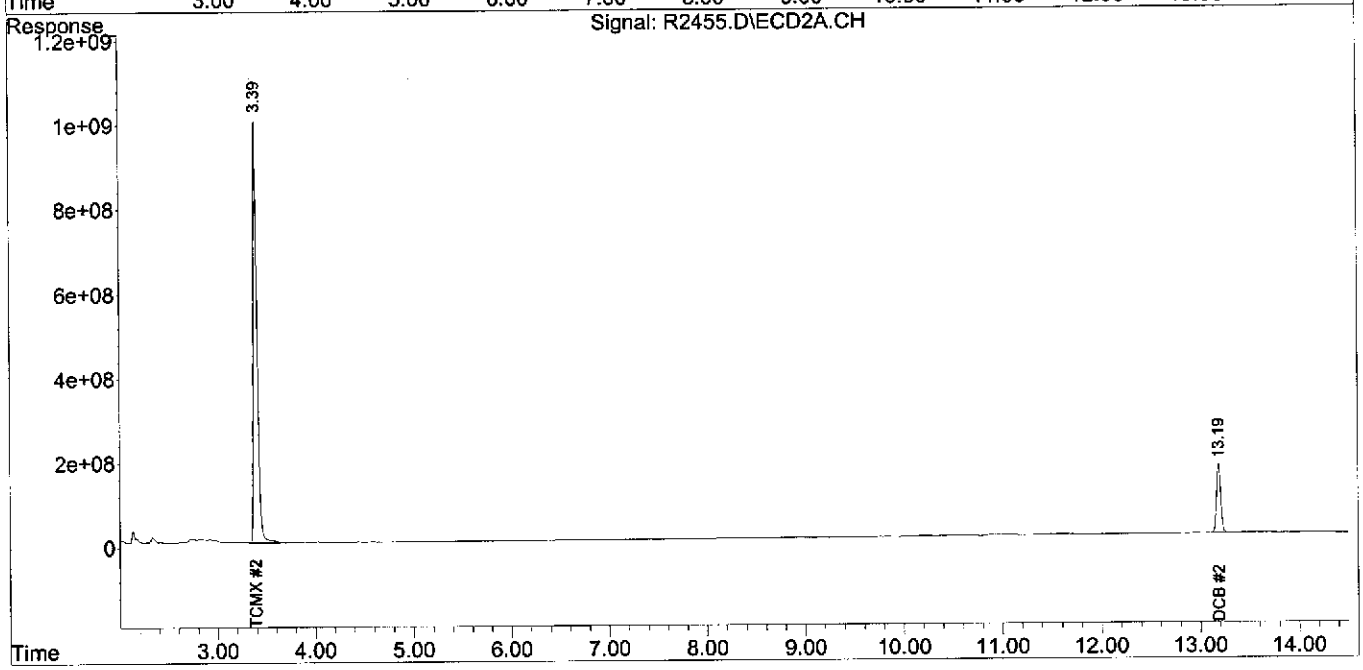
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2455.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:01
Operator : YG
Sample : V-36(5.0-6,07371-029,S,5.42g,20.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:19:40 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\08-06-12\
Data File : R2456.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:18
Operator : YG
Sample : V-37(0-2.0,07371-030,S,5.32g,10.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:21:21 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	4017.1E6	3092.3E6	23.380	21.482
Spiked Amount 200.000			Recovery	=	11.69%	10.74%
2) S DCB	13.10	13.19	1142.4E6	571.5E6	19.570m	14.267m#
Spiked Amount 200.000			Recovery	=	9.79%	7.13%
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	5.30	5.70	11692.6E6	8763.0E6	1535.001	1569.120
24) L6 Aroclor-1248 {2}	5.86	6.30	7344.0E6	14636.4E6	1711.909	1832.908
25) L6 Aroclor-1248 {3}	6.20	6.71	9726.0E6	11088.4E6	1770.609	1857.899
26) L6 Aroclor-1248 {4}	6.92	6.86	19676.1E6	8346.1E6	2309.354	1634.544 #
27) L6 Aroclor-1248 {5}	7.20	7.22	13589.0E6	4781.8E6	1898.171	1655.836
Sum Aroclor-1248			62027.7E6	47615.8E6	9225.043	8550.306
Average Aroclor-1248					1845.009	1710.061
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	11200.2E6	5999.7E6	798.869m	950.001
34) L8 Aroclor-1260 {2}	9.94	9.16	5560.9E6	4717.9E6	749.924	646.414
35) L8 Aroclor-1260 {3}	10.42	10.37	19575.4E6	4029.3E6	782.748	799.454
36) L8 Aroclor-1260 {4}	10.91	10.88	7184.5E6	8501.9E6	691.318	847.721
37) L8 Aroclor-1260 {5}	11.98	11.47	4542.2E6	7005.1E6	978.430	862.386
Sum Aroclor-1260			48063.2E6	30254.0E6	4001.290	4105.976
Average Aroclor-1260					800.258	821.195
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\08-06-12\
Data File : R2456.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:18
Operator : YG
Sample : V-37(0-2.0,07371-030,S,5.32g,10.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:21:21 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

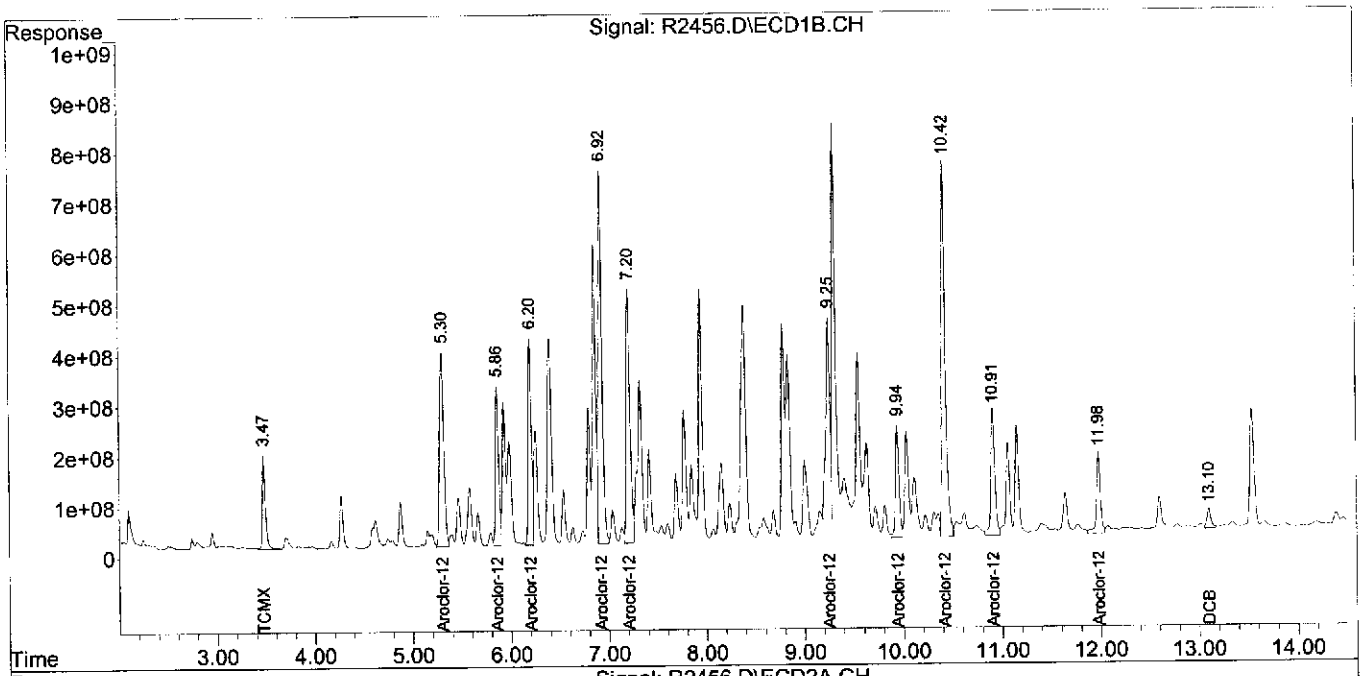
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

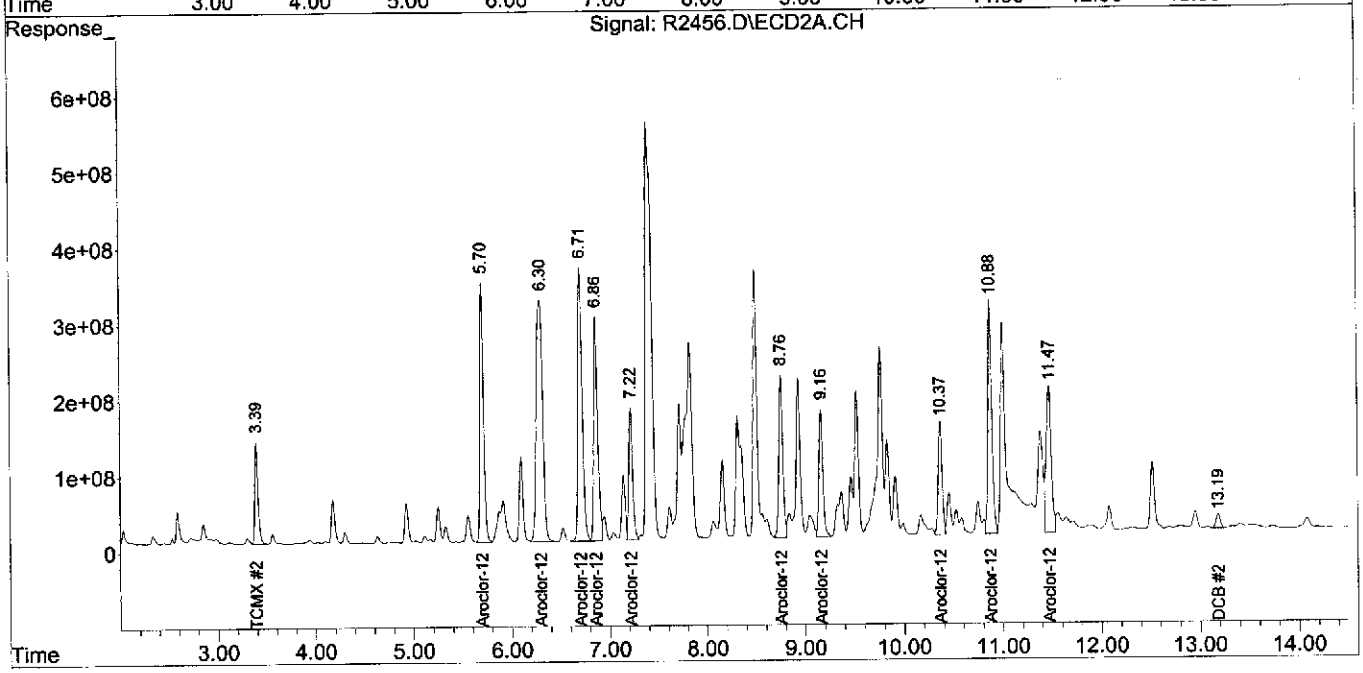
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2456.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:18
Operator : YG
Sample : V-37(0-2.0,07371-030,S,5.32g,10.5,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,10
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:21:21 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 #1 Info :
Signal #2 Phase:
Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2457.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:36
Operator : YG
Sample : V-37(2.0-3,07371-031,S,5.05g,15.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:24:30 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	5.30	5.70	1490.3E6	1281.7E6	195.641	229.504m
24) L6 Aroclor-1248 {2}	5.86	6.28	1274.5E6	2280.4E6	297.095	285.568m
25) L6 Aroclor-1248 {3}	6.20	6.71	1363.3E6	1507.4E6	248.197	252.573
26) L6 Aroclor-1248 {4}	6.93	6.86	3547.1E6	1125.0E6	416.321	220.324 #
27) L6 Aroclor-1248 {5}	7.20	7.22	1651.0E6	699.5E6	230.623	242.226
Sum Aroclor-1248			9326.3E6	6894.0E6	1387.877	1230.196
Average Aroclor-1248					277.575	246.039
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	9734.4E6	3502.7E6	694.319	554.616
34) L8 Aroclor-1260 {2}	9.94	9.16	5768.0E6	4321.0E6	777.858	592.042
35) L8 Aroclor-1260 {3}	10.42	10.37	19536.8E6	3550.3E6	781.203	704.410
36) L8 Aroclor-1260 {4}	10.91	10.88	7132.9E6	8696.4E6	686.359	867.110 #
37) L8 Aroclor-1260 {5}	11.98	11.47	4799.7E6	5958.6E6	1033.887	733.544 #
Sum Aroclor-1260			46971.8E6	26028.9E6	3973.627	3451.722
Average Aroclor-1260					794.725	690.344
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

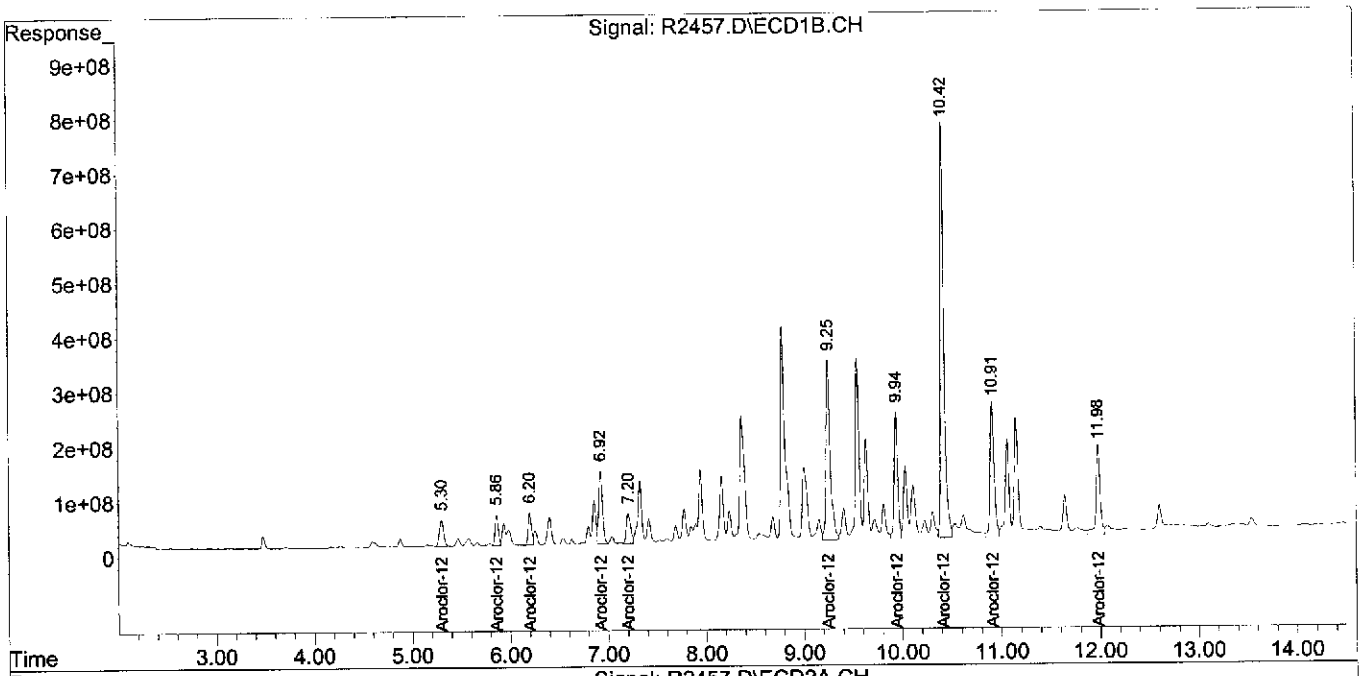
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

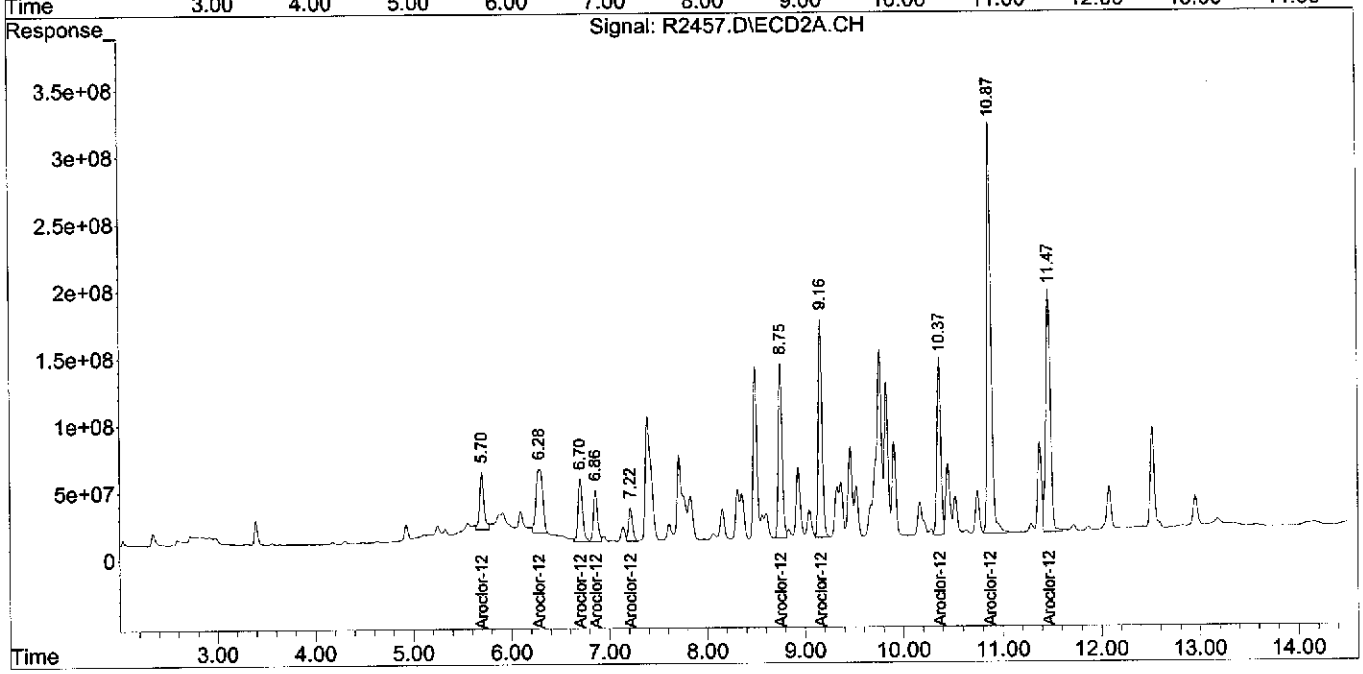
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2457.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:36
Operator : YG
Sample : V-37(2.0-3,07371-031,S,5.05g,15.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,100
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:24:30 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 #1 Info :
Signal #2 Phase:
Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2458.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:53
Operator : YG
Sample : V-37(3.0-4,07371-032,S,5.31g,19.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1000
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:25:33 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	10.37	3319.5E6	1368.3E6	189.408m	195.998m
39) L9 Aroclor-1262 {2}	10.42	10.87	6818.0E6	3234.7E6	230.037m	229.779m
40) L9 Aroclor-1262 {3}	11.06	11.38	1627.1E6	765.6E6	142.512m	146.225m
41) L9 Aroclor-1262 {4}	11.15	11.47	1985.4E6	2004.3E6	177.092m	197.786m
42) L9 Aroclor-1262 {5}	11.98	12.08	1353.0E6	440.2E6	168.570m	220.741m#
Sum Aroclor-1262			15103.1E6	7813.1E6	907.619	990.530
Average Aroclor-1262					181.524	198.106
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

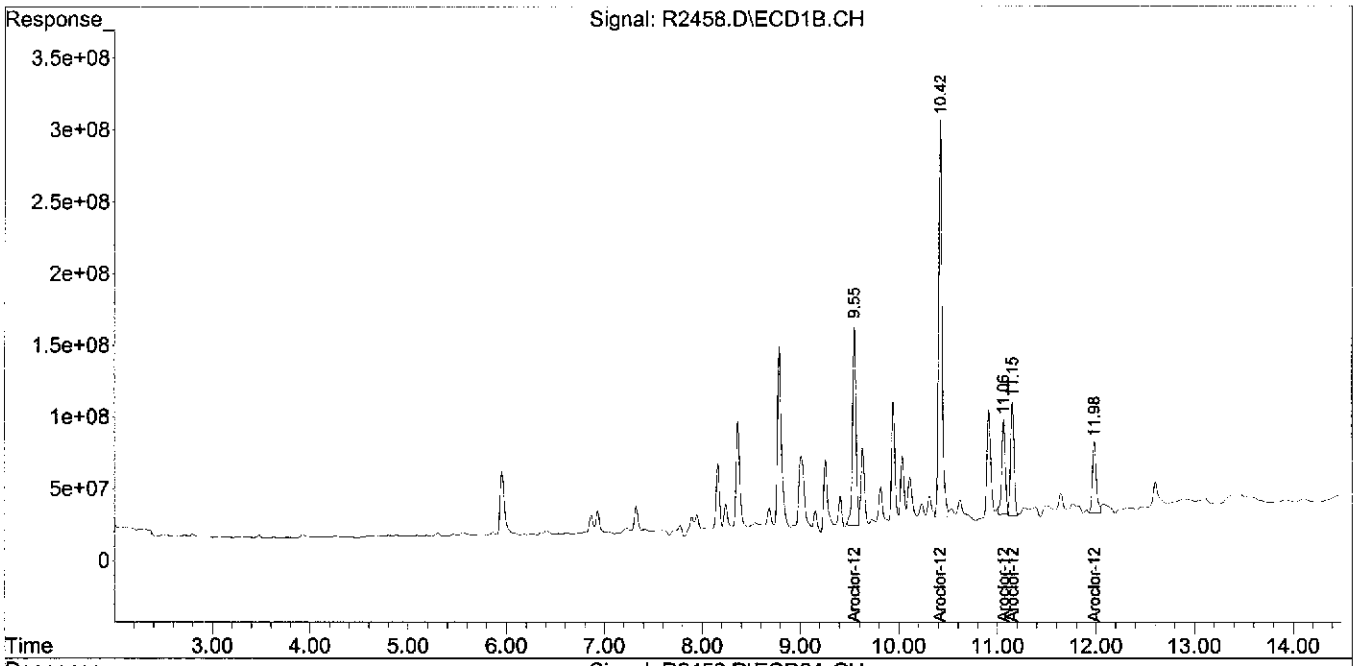
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

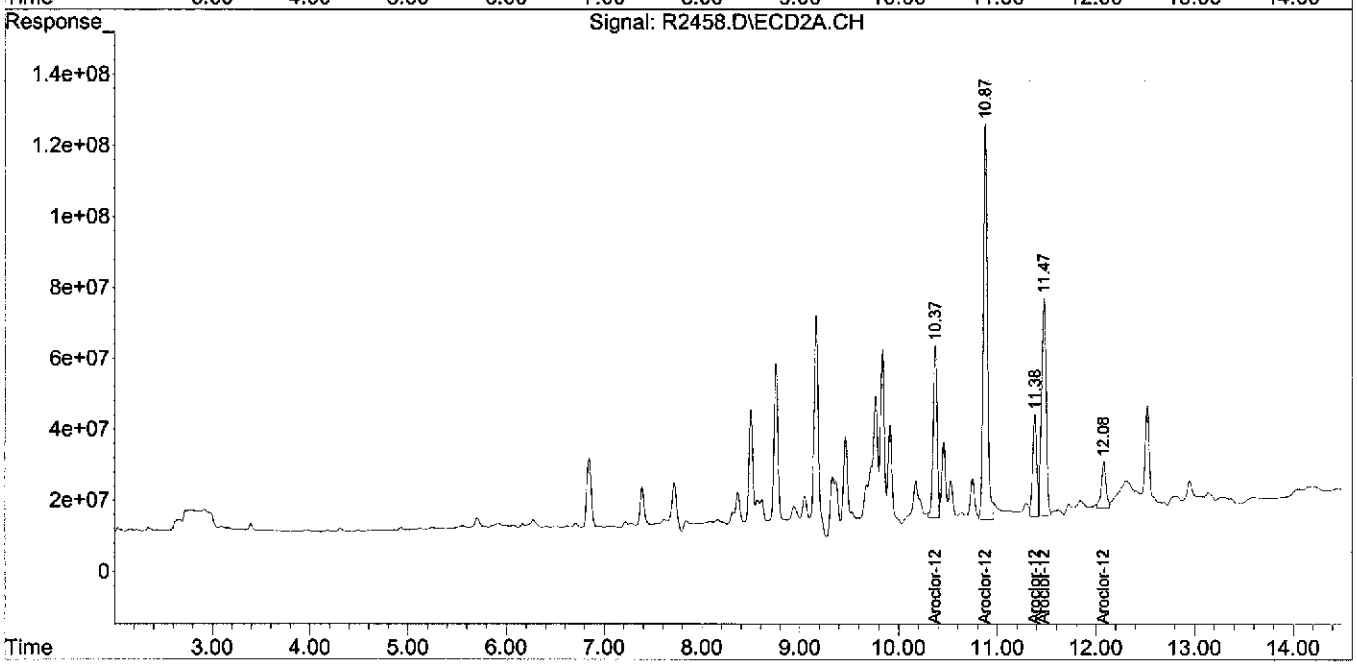
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2458.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 06 Aug 2012 19:53
Operator : YG
Sample : V-37(3.0-4,07371-032,S,5.31g,19.8,07/30/12,4
Misc : 120730-03,07/23/12,07/23/12,1000
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:25:33 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\08-06-12\
Data File : R2496.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 7:13
Operator : YG
Sample : V-37(4.0-5,07371-033,S,5.20g,41.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:27:43 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						
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	10.37	3806.2E6	1368.0E6	217.179	195.952m
39) L9 Aroclor-1262 {2}	10.42	10.88	7527.7E6	2806.5E6	253.981	199.368m
40) L9 Aroclor-1262 {3}	11.06	11.38	2093.1E6	728.1E6	183.327	139.063m
41) L9 Aroclor-1262 {4}	11.15	11.47	2271.1E6	1755.9E6	202.572	173.273m
42) L9 Aroclor-1262 {5}	11.99	12.08	1167.7E6	415.8E6	145.478	208.473m#
Sum Aroclor-1262			16865.8E6	7074.3E6	1002.537	916.129
Average Aroclor-1262					200.507	183.226
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

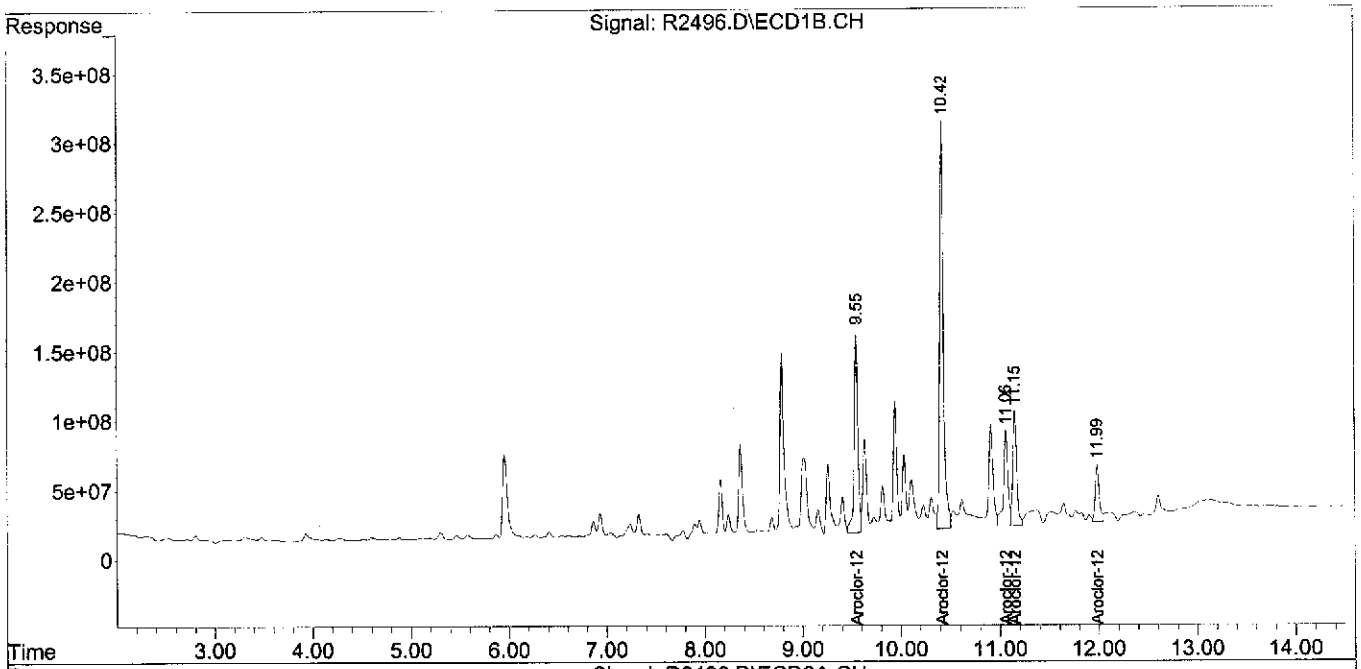
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

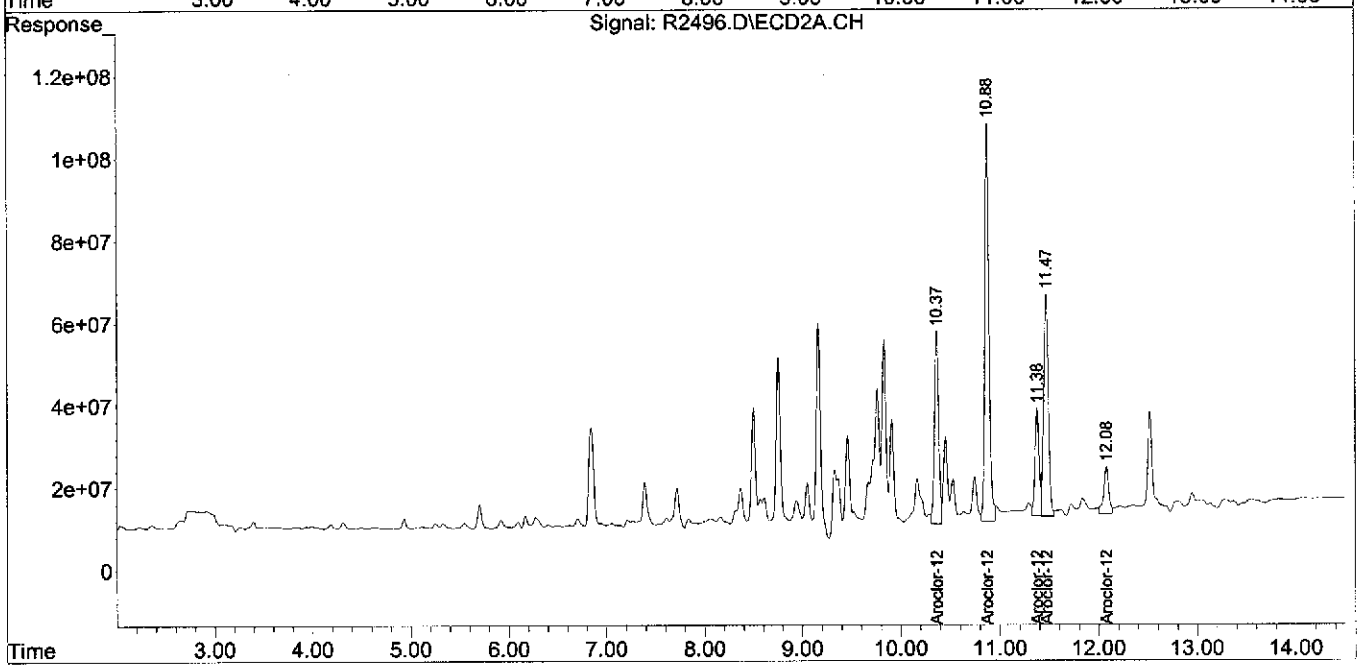
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2496.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 7:13
Operator : YG
Sample : V-37(4.0-5,07371-033,S,5.20g,41.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:27:43 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2497.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 7:30
Operator : YG
Sample : V-37(5.0-6,07371-034,S,5.36g,20.0,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:28:53 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	3.47	3.39	31820.4E6	25694.6E6	185.199	178.497
Spiked Amount 200.000			Recovery	=	92.60%	89.25%
2) S DCB	13.10	13.18	10848.0E6	3951.2E6	185.835m	98.642m#
Spiked Amount 200.000			Recovery	=	92.92%	49.32%
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	10.37	10669.9E6	3520.0E6	608.814m	504.202m
39) L9 Aroclor-1262 {2}	10.42	10.88	22188.5E6	7688.3E6	748.630m	546.151m#
40) L9 Aroclor-1262 {3}	11.06	11.38	5367.2E6	1992.9E6	470.091m	380.643m
41) L9 Aroclor-1262 {4}	11.15	11.47	6649.2E6	5270.8E6	593.082m	520.128m
42) L9 Aroclor-1262 {5}	11.98	12.08	3758.9E6	1019.3E6	468.312m	511.113m
Sum Aroclor-1262			48633.6E6	19491.4E6	2888.928	2462.237
Average Aroclor-1262					577.786	492.447
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

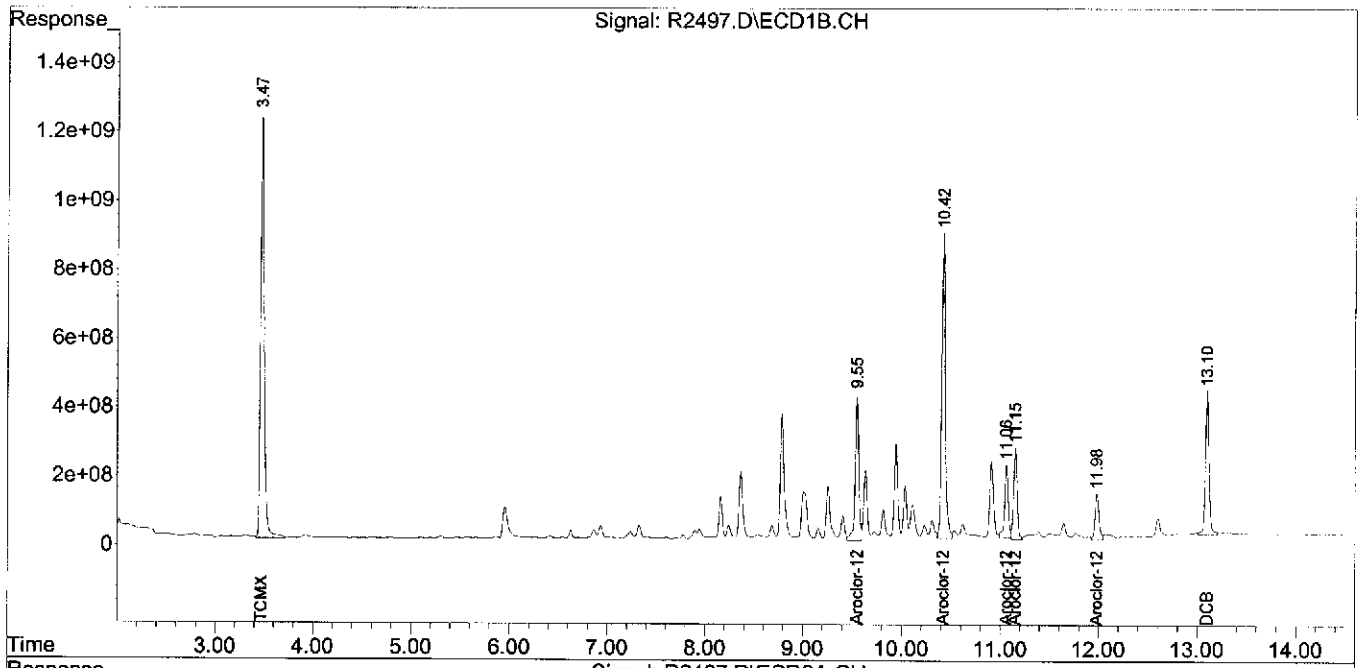
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

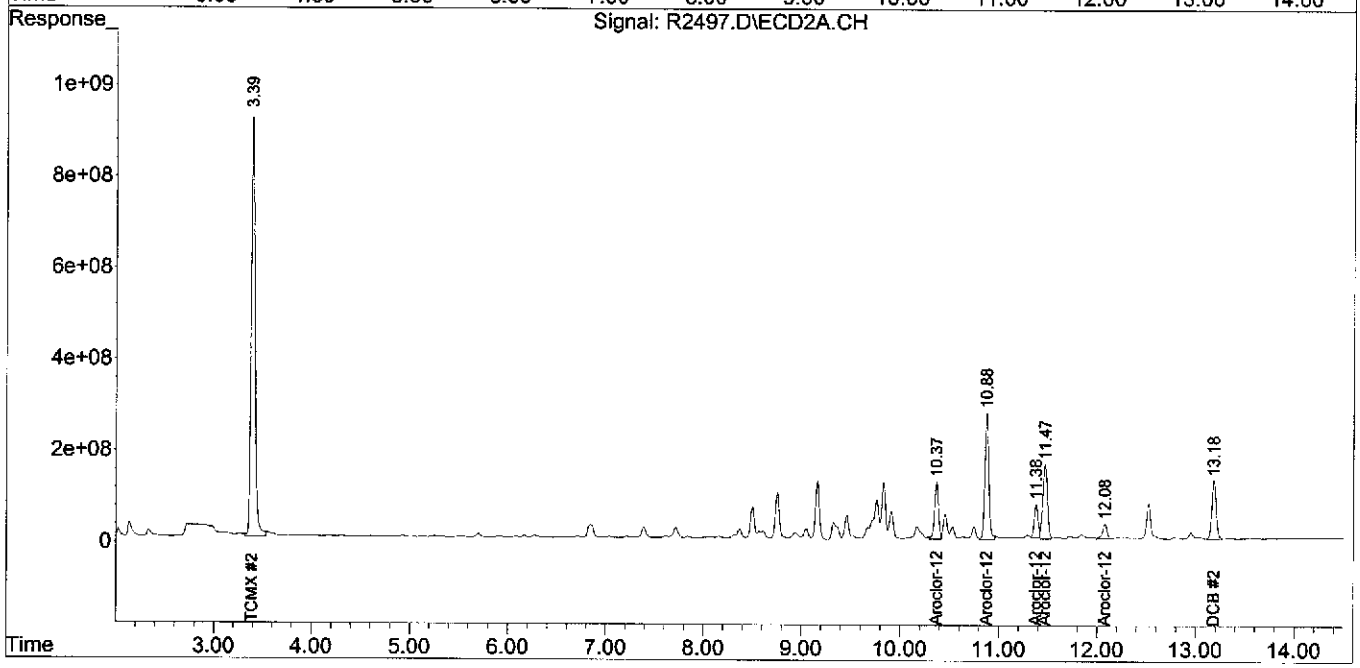
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2497.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 7:30
Operator : YG
Sample : V-37(5.0-6,07371-034,S,5.36g,20.0,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 55 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:28:53 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2498.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 7:48
Operator : YG
Sample : W-37(0-2.0,07371-035,S,5.10g,18.8,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:31:10 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
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	2524.2E6	850.3E6	180.040	134.634 #
34) L8 Aroclor-1260 {2}	9.94	9.16	1126.1E6	938.6E6	151.865	128.600
35) L8 Aroclor-1260 {3}	10.42	10.37	3489.4E6	718.1E6	139.529	142.484m
36) L8 Aroclor-1260 {4}	10.91	10.88	1334.1E6	1327.6E6	128.377	132.374m
37) L8 Aroclor-1260 {5}	11.98	11.47	792.7E6	929.7E6	170.747	114.455m#
Sum Aroclor-1260			9266.5E6	4764.3E6	770.558	652.545
Average Aroclor-1260					154.112	130.509
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

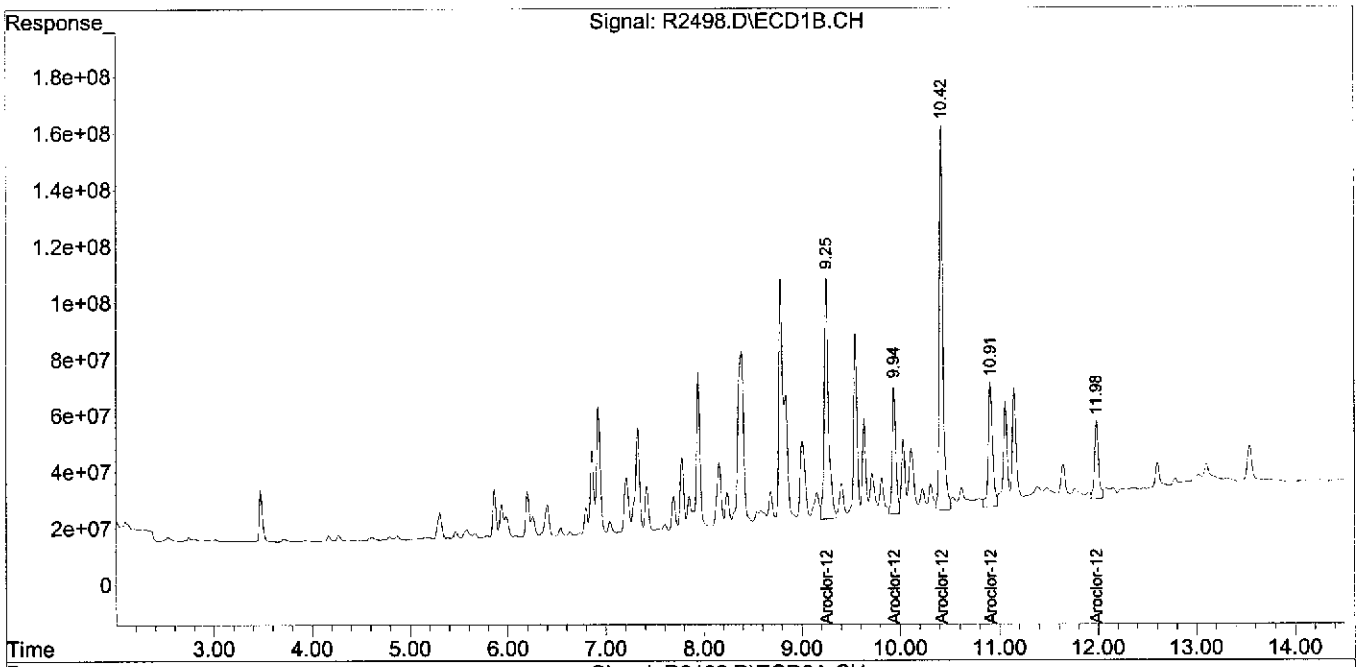
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

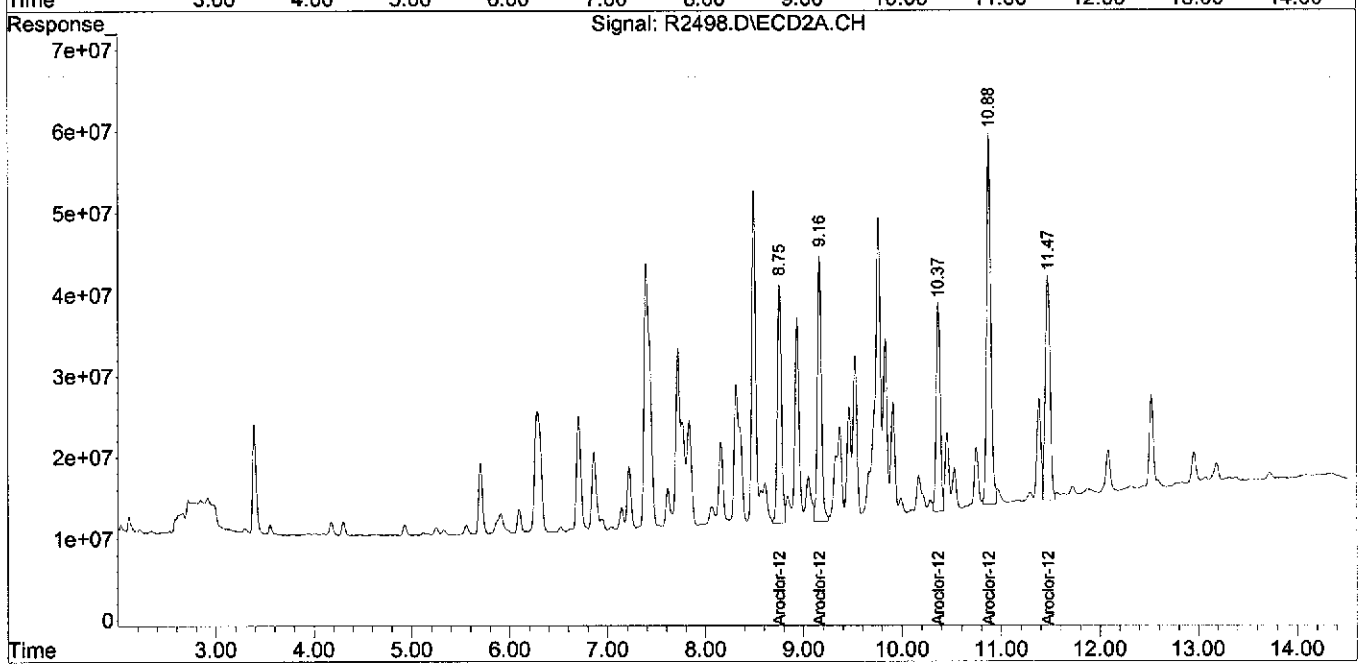
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2498.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 7:48
Operator : YG
Sample : W-37(0-2.0,07371-035,S,5.10g,18.8,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:31:10 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2499.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:05
Operator : YG
Sample : W-37(2.0-3,07371-036,S,5.12g,15.3,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:31:37 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						
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	9.26	8.76	4885.8E6	1548.6E6	348.487	245.204 #
34) L8 Aroclor-1260 {2}	9.94	9.16	3044.6E6	1950.9E6	410.587	267.306 #
35) L8 Aroclor-1260 {3}	10.42	10.37	10550.1E6	1614.1E6	421.860	320.248
36) L8 Aroclor-1260 {4}	10.91	10.88	3350.3E6	3890.0E6	322.380	387.871
37) L8 Aroclor-1260 {5}	11.98	11.47	2012.7E6	2628.2E6	433.548	323.554 #
Sum Aroclor-1260			23843.5E6	11631.8E6	1936.863	1544.182
Average Aroclor-1260					387.373	308.836
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

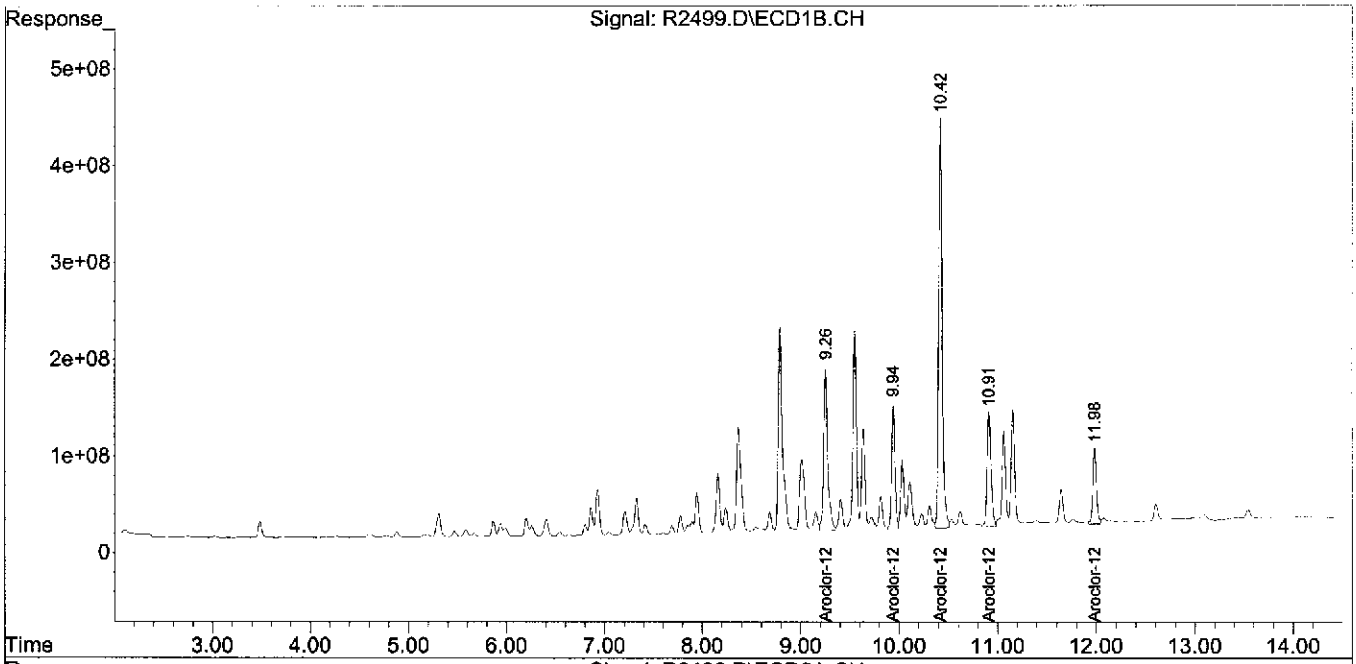
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

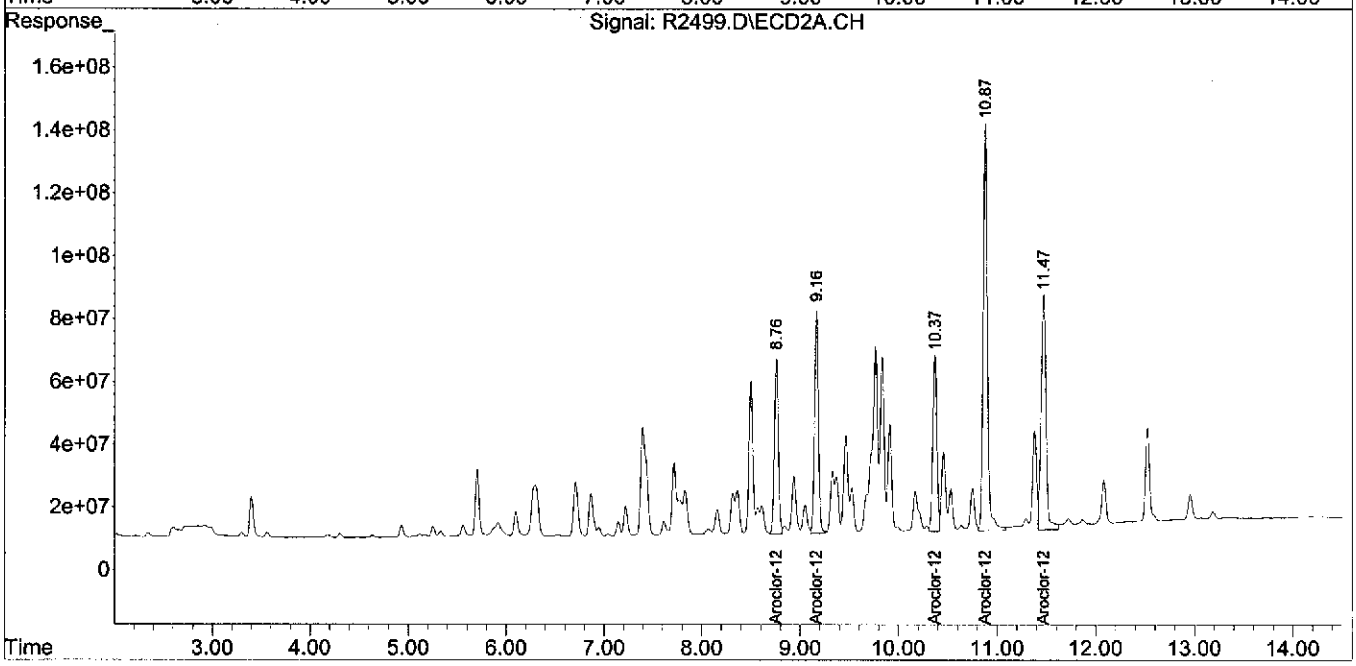
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2499.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:05
Operator : YG
Sample : W-37(2.0-3,07371-036,S,5.12g,15.3,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:31:37 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2500.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:23
Operator : YG
Sample : W-37(3.0-4,07371-037,S,5.09g,47.6,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:32:13 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						
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	10.37	3743.2E6	1228.8E6	213.584	176.011
39) L9 Aroclor-1262 {2}	10.42	10.88	6863.3E6	2539.1E6	231.567	180.367
40) L9 Aroclor-1262 {3}	11.06	11.38	1722.3E6	716.3E6	150.854	136.802
41) L9 Aroclor-1262 {4}	11.15	11.47	2146.6E6	1719.8E6	191.465	169.709
42) L9 Aroclor-1262 {5}	11.98	12.08	1176.5E6	606.4E6	146.582	304.089 #
Sum Aroclor-1262			15652.0E6	6810.4E6	934.051	966.979
Average Aroclor-1262					186.810	193.396
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

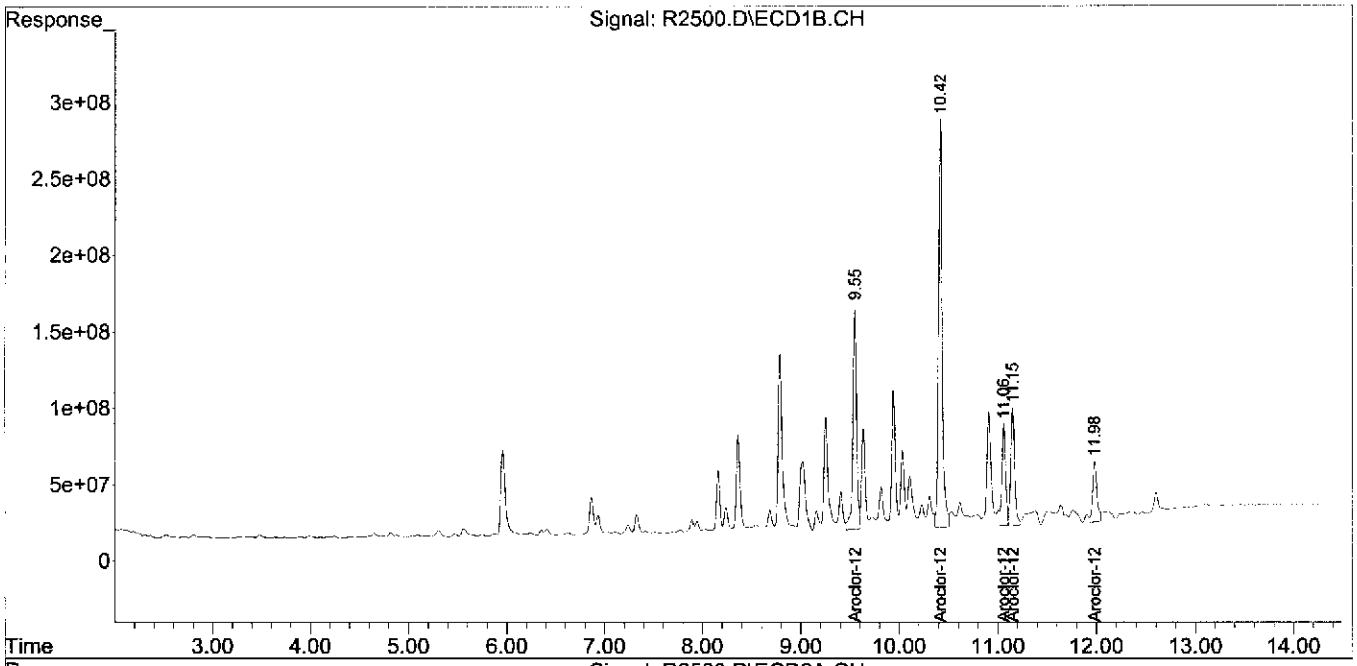
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

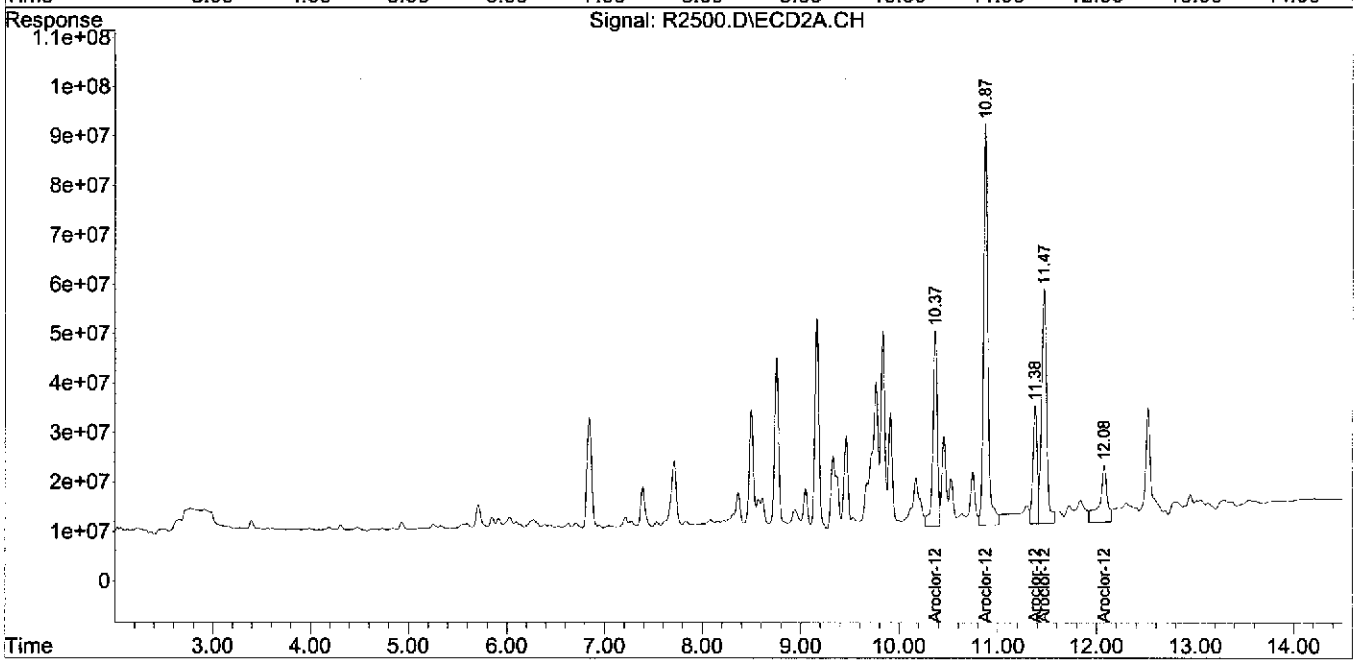
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2500.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:23
Operator : YG
Sample : W-37(3.0-4,07371-037,S,5.09g,47.6,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:32:13 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2501.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:40
Operator : YG
Sample : W-37(4.0-5,07371-038,S,5.36g,72.1,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:34:02 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						
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	10.37	13021.3E6	3610.3E6	742.985	517.134 #
39) L9 Aroclor-1262 {2}	10.42	10.88	25416.6E6	8330.8E6	857.547	591.795 #
40) L9 Aroclor-1262 {3}	11.06	11.38	6008.2E6	2051.0E6	526.240	391.730 #
41) L9 Aroclor-1262 {4}	11.15	11.47	7221.1E6	5354.0E6	644.098	528.335
42) L9 Aroclor-1262 {5}	11.98	12.08	3631.9E6	1103.2E6	452.484	553.186
Sum Aroclor-1262			55299.2E6	20449.4E6	3223.355	2582.179
Average Aroclor-1262					644.671	516.436
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

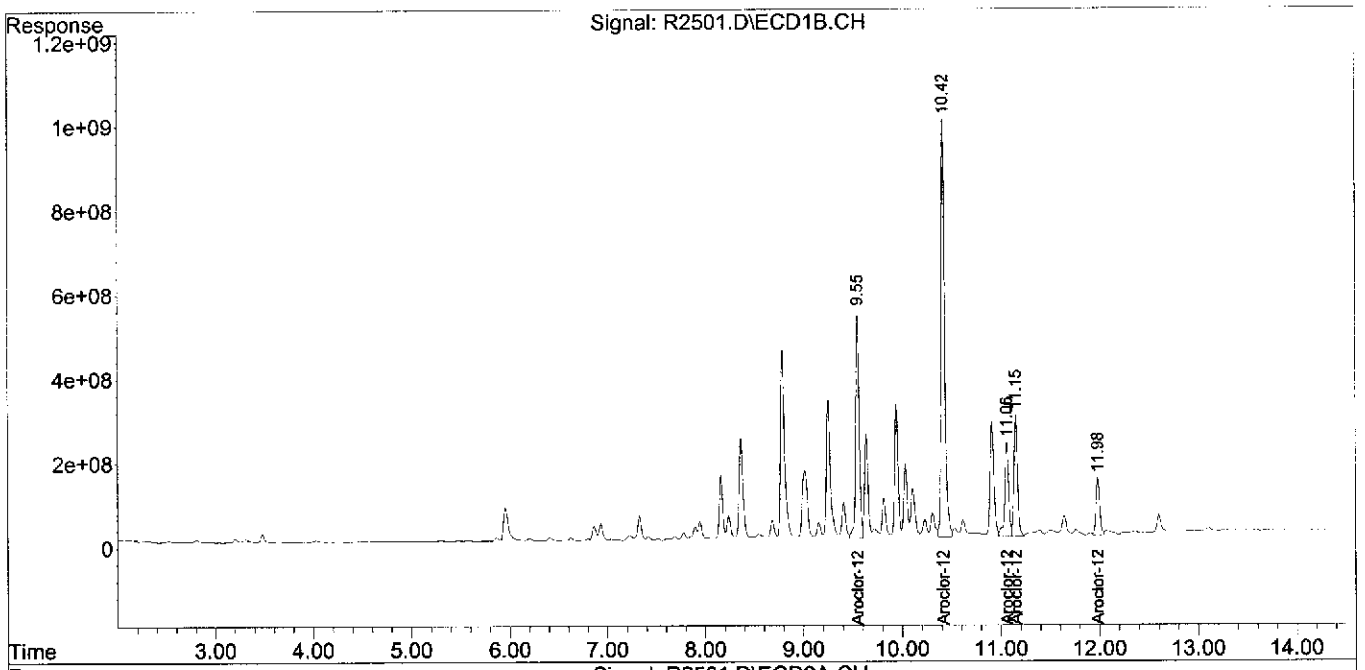
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

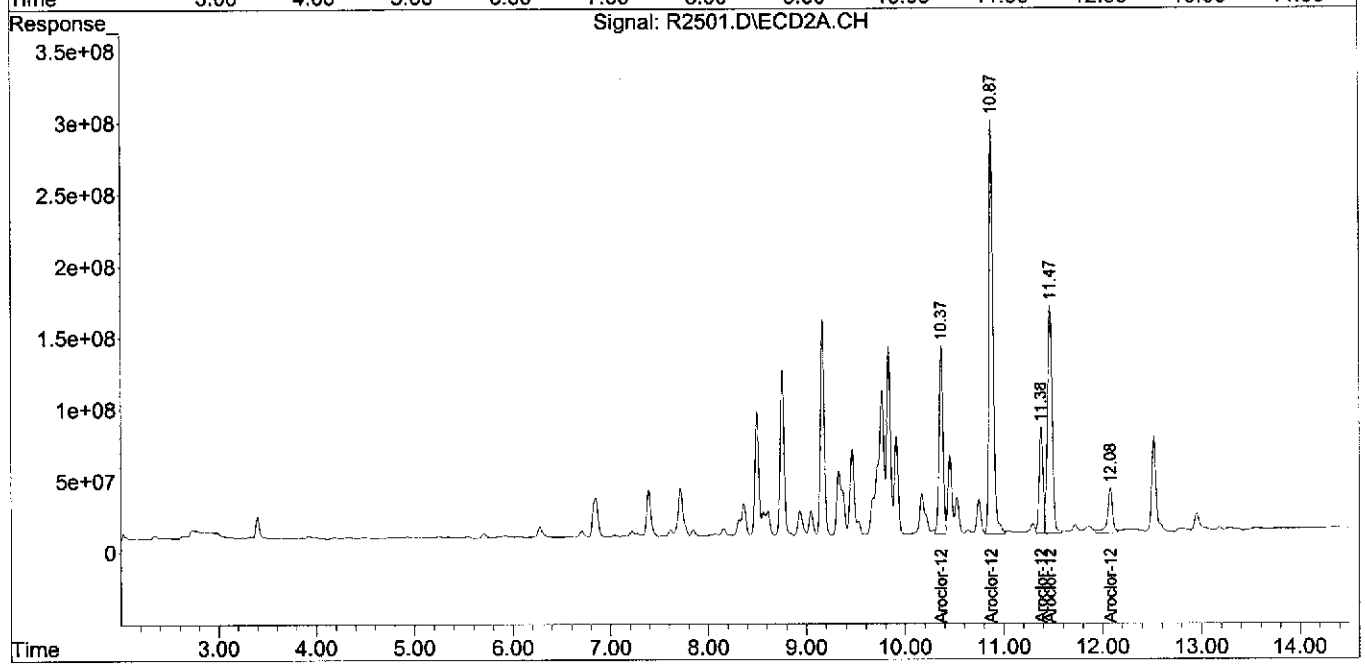
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2501.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:40
Operator : YG
Sample : W-37(4.0-5,07371-038,S,5.36g,72.1,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:34:02 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\08-06-12\
Data File : R2502.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:58
Operator : YG
Sample : W-37(5.0-6,07371-039,S,5.02g,82.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:35:52 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	27958.0E6	31995.7E6	162.719	222.269 #
Spiked Amount 200.000			Recovery	=	81.36%	111.13%
2) S DCB	13.10	13.18	14617.5E6	7213.3E6	250.411m	180.081m#
Spiked Amount 200.000			Recovery	=	125.21%	90.04%
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	10.37	986.5E6	265.4E6	56.289m	38.010m#
39) L9 Aroclor-1262 {2}	10.42	10.87	1388.8E6	680.9E6	46.857m	48.367m
40) L9 Aroclor-1262 {3}	11.06	11.38	634.9E6	264.5E6	55.608m	50.511m
41) L9 Aroclor-1262 {4}	11.15	11.47	804.1E6	469.3E6	71.725m	46.315m#
42) L9 Aroclor-1262 {5}	11.98	12.08	454.6E6	193.0E6	56.639m	96.784m#
Sum Aroclor-1262			4268.9E6	1873.1E6	287.119	279.987
Average Aroclor-1262					57.424	55.997
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

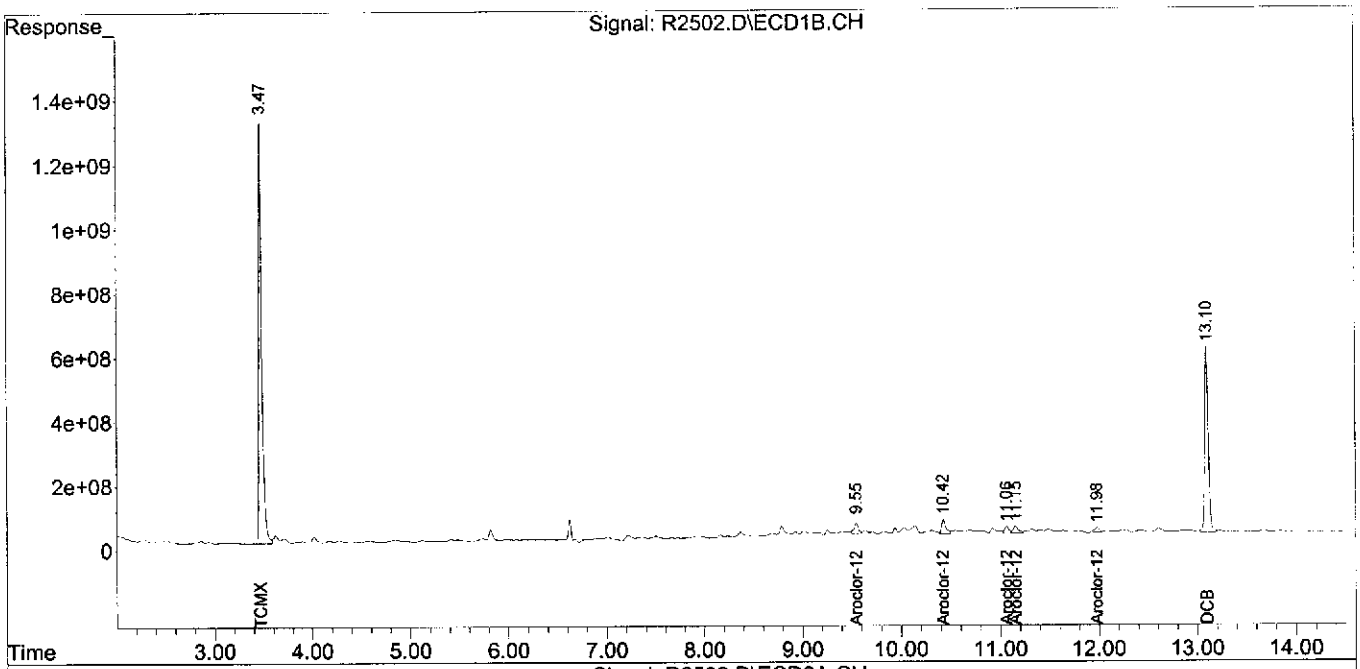
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

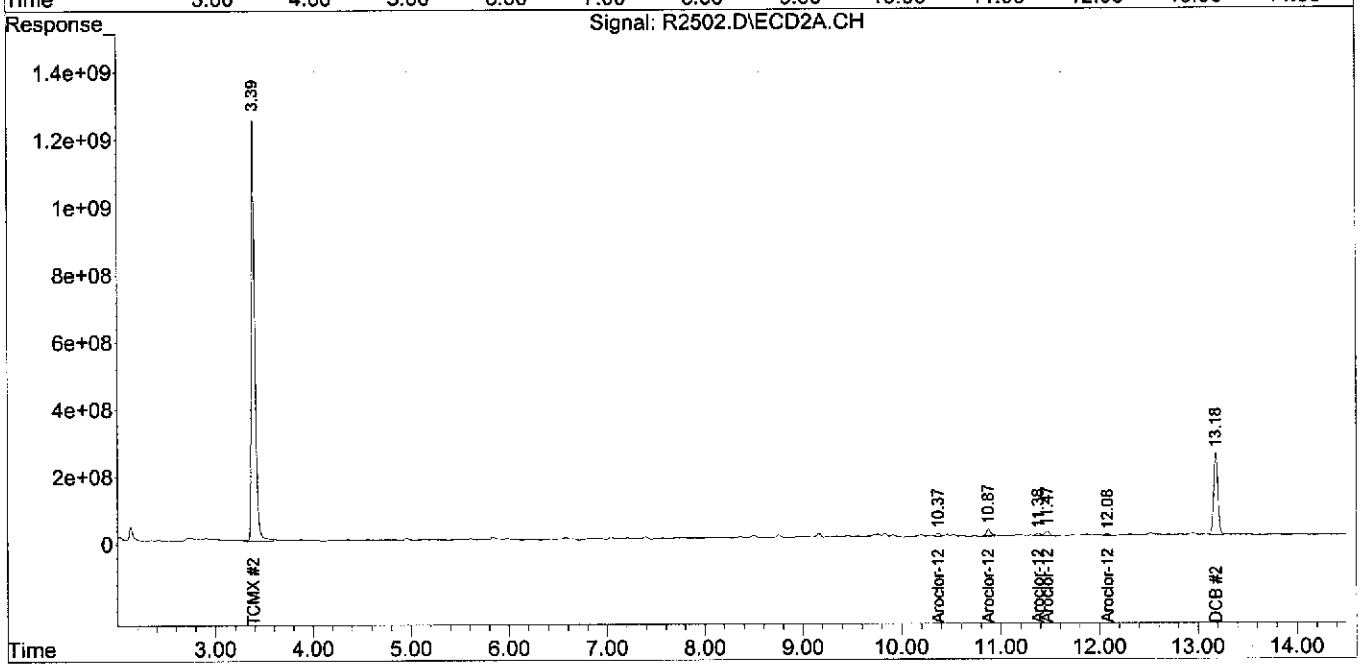
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2502.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 8:58
Operator : YG
Sample : W-37(5.0-6,07371-039,S,5.02g,82.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 60 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:35:52 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2503.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 9:15
Operator : YG
Sample : W-37(6.0-8,07371-040,S,5.19g,13.9,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:37:03 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	36897.6E6	28310.2E6	214.749	196.667
Spiked Amount 200.000			Recovery	=	107.37%	98.33%
2) S DCB	13.10	13.18	10078.3E6	5420.5E6	172.650m	135.322m
Spiked Amount 200.000			Recovery	=	86.33%	67.66%
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
38) L9 Aroclor-1262	9.55	10.37	610.6E6	217.4E6	34.843m	31.135m
39) L9 Aroclor-1262 {2}	10.42	10.88	1080.9E6	425.3E6	36.469m	30.209m
40) L9 Aroclor-1262 {3}	11.06	11.38	283.8E6	131.3E6	24.857m	25.077m
41) L9 Aroclor-1262 {4}	11.15	11.47	376.5E6	286.7E6	33.583m	28.288m
42) L9 Aroclor-1262 {5}	11.98	12.08	310.3E6	58952499	38.658m	29.560m
Sum Aroclor-1262			2662.1E6	1119.5E6	168.409	144.270
Average Aroclor-1262					33.682	28.854
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

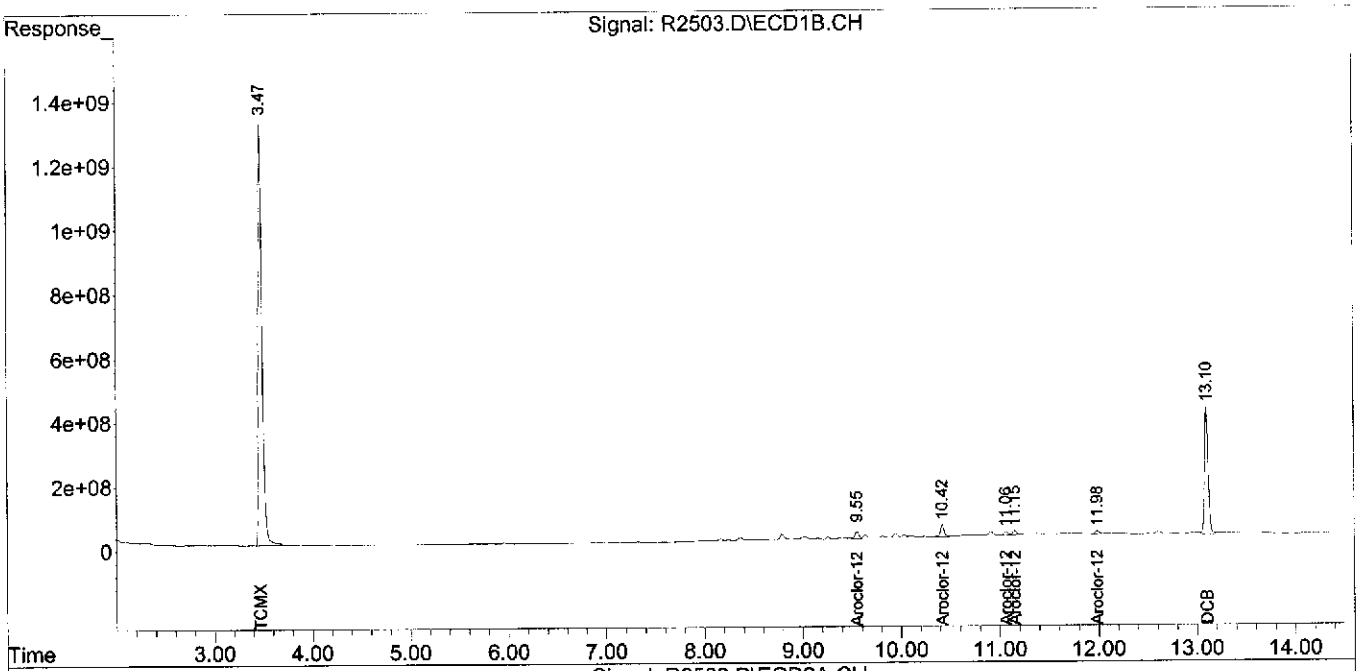
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

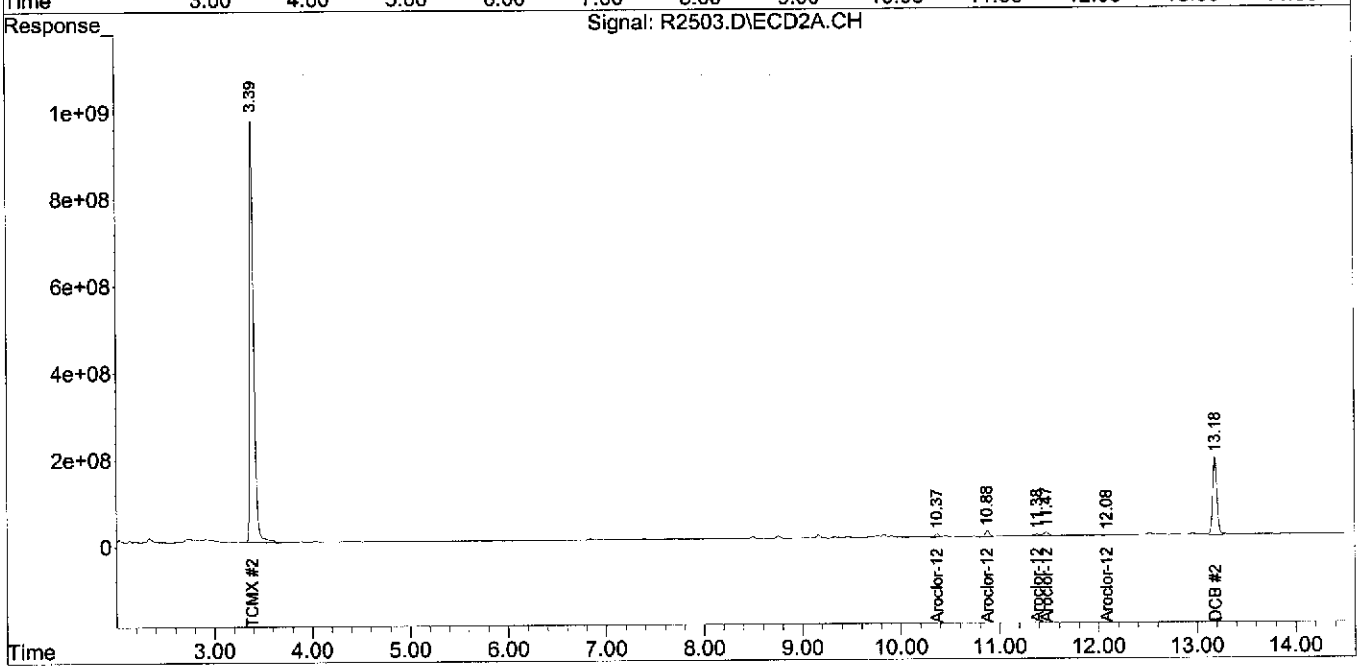
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2503.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 9:15
Operator : YG
Sample : W-37(6.0-8,07371-040,S,5.19g,13.9,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:37:03 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\08-07-12\
Data File : R2523.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:04
Operator : YG
Sample : W-36(0-2.0,07371-041,S,5.19g,18.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 14:05:00 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	7882.7E6	5560.2E6	1034.838	995.614
24) L6 Aroclor-1248 {2}	5.86	6.31	3117.8E6	7827.7E6	726.767	980.262 #
25) L6 Aroclor-1248 {3}	6.20	6.71	2739.0E6	3821.6E6	498.635	640.330 #
26) L6 Aroclor-1248 {4}	6.92	6.86	8333.4E6	3052.2E6	978.080	597.759 #
27) L6 Aroclor-1248 {5}	7.20	7.22	4220.4E6	1949.8E6	589.530	675.187
Sum Aroclor-1248			26293.3E6	22211.6E6	3827.850	3889.152
Average Aroclor-1248					765.570	777.830
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	4628.5E6	1936.3E6	330.132	306.591
34) L8 Aroclor-1260 {2}	9.94	9.16	1694.7E6	1531.9E6	228.537	209.896
35) L8 Aroclor-1260 {3}	10.42	10.37	5647.3E6	1274.0E6	225.815	252.772
36) L8 Aroclor-1260 {4}	10.91	10.88	2040.8E6	2521.6E6	196.371	251.428 #
37) L8 Aroclor-1260 {5}	11.99	11.47	1427.8E6	1724.7E6	307.551	212.326 #
Sum Aroclor-1260			15439.0E6	8988.5E6	1288.405	1233.014
Average Aroclor-1260					257.681	246.603
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

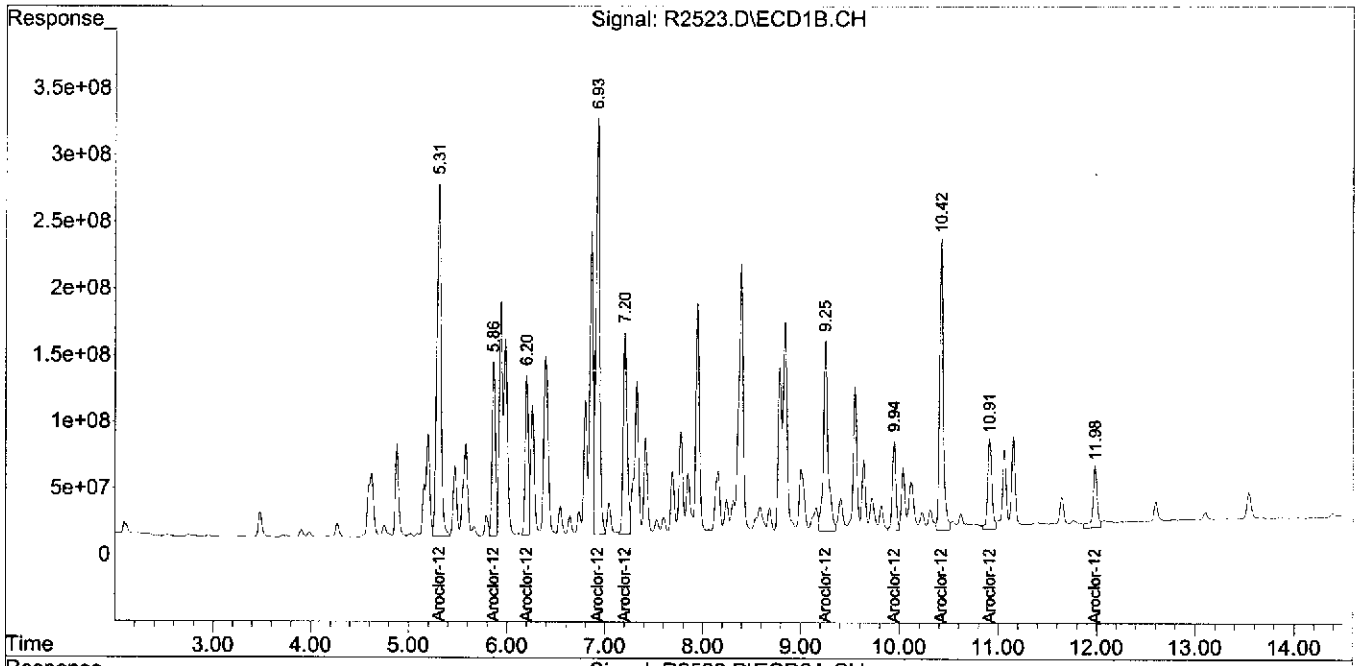
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

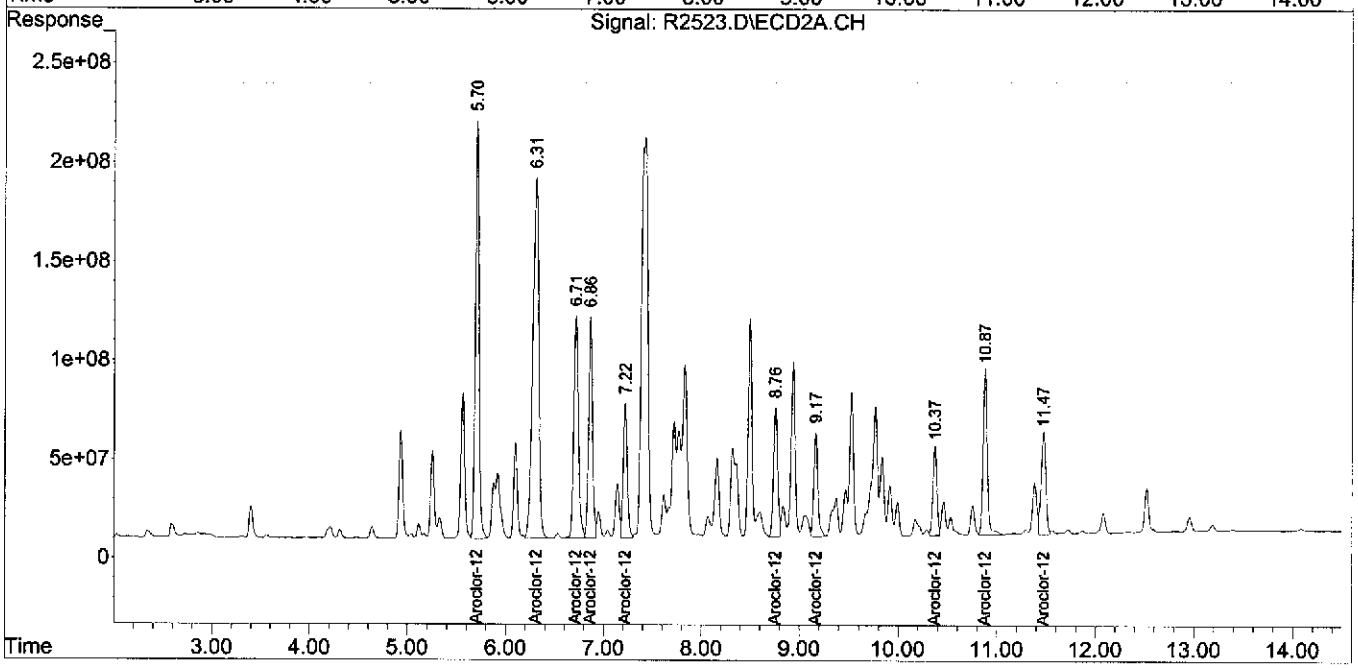
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2523.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:04
Operator : YG
Sample : W-36(0-2.0,07371-041,S,5.19g,18.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 14:05:00 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2634.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 14:04
Operator : YG
Sample : W-36(2.0-3,07371-042,S,5.04g,41.8,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 15:01:19 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	7594.1E6	5137.8E6	996.956	919.993
24) L6 Aroclor-1248 {2}	5.87	6.32	876.7E6	5753.3E6	204.352	720.480 #
25) L6 Aroclor-1248 {3}	6.20	6.71	1115.4E6	1403.0E6	203.060	235.078
26) L6 Aroclor-1248 {4}	6.92	6.86	2371.9E6	2235.8E6	278.391	437.878 #
27) L6 Aroclor-1248 {5}	7.21	7.23	1866.3E6	909.7E6	260.692	315.014
Sum Aroclor-1248			13824.4E6	15439.7E6	1943.452	2628.443
Average Aroclor-1248					388.690	525.689
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	9.56	10.37	2654.2E6	719.2E6	151.448	103.017 #
39) L9 Aroclor-1262 {2}	10.42	10.88	4209.5E6	1789.3E6	142.027	127.109
40) L9 Aroclor-1262 {3}	11.07	11.38	1573.9E6	731.9E6	137.855	139.784
41) L9 Aroclor-1262 {4}	11.16	11.47	2198.9E6	1507.5E6	196.130	148.760
42) L9 Aroclor-1262 {5}	11.99	12.08	1164.1E6	500.7E6	145.029	251.059 #
Sum Aroclor-1262			11800.6E6	5248.6E6	772.490	769.729
Average Aroclor-1262					154.498	153.946
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

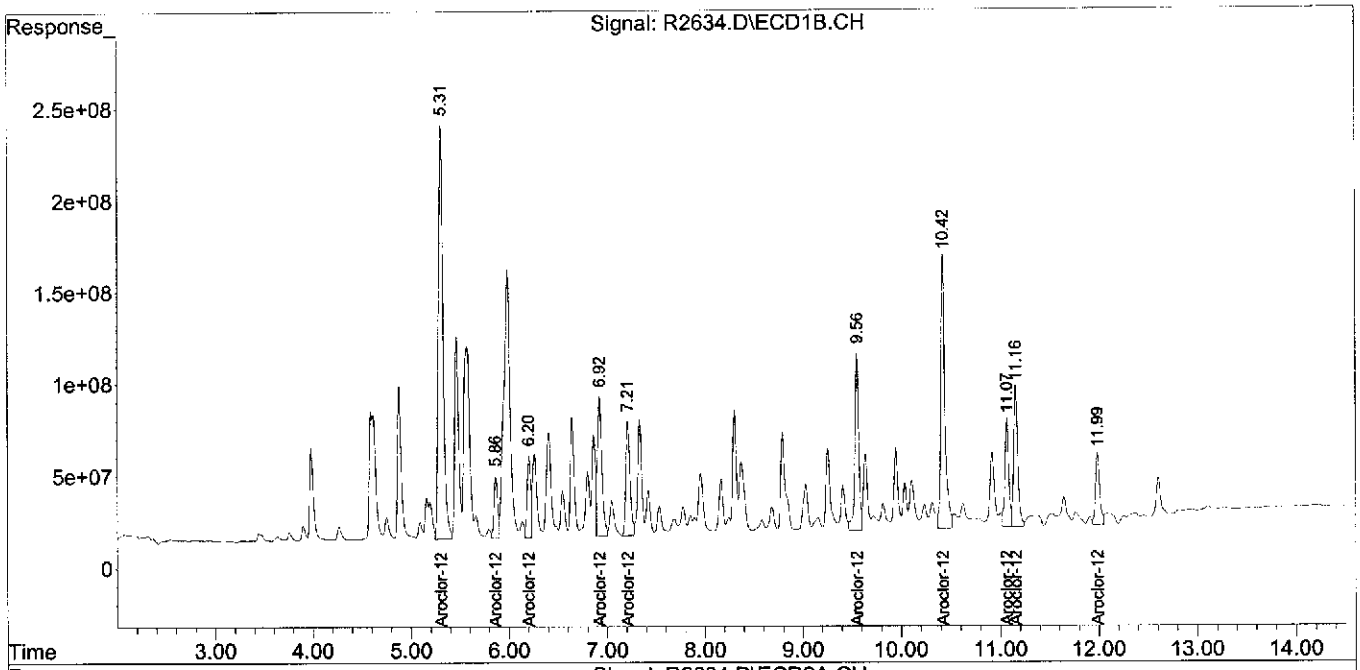
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

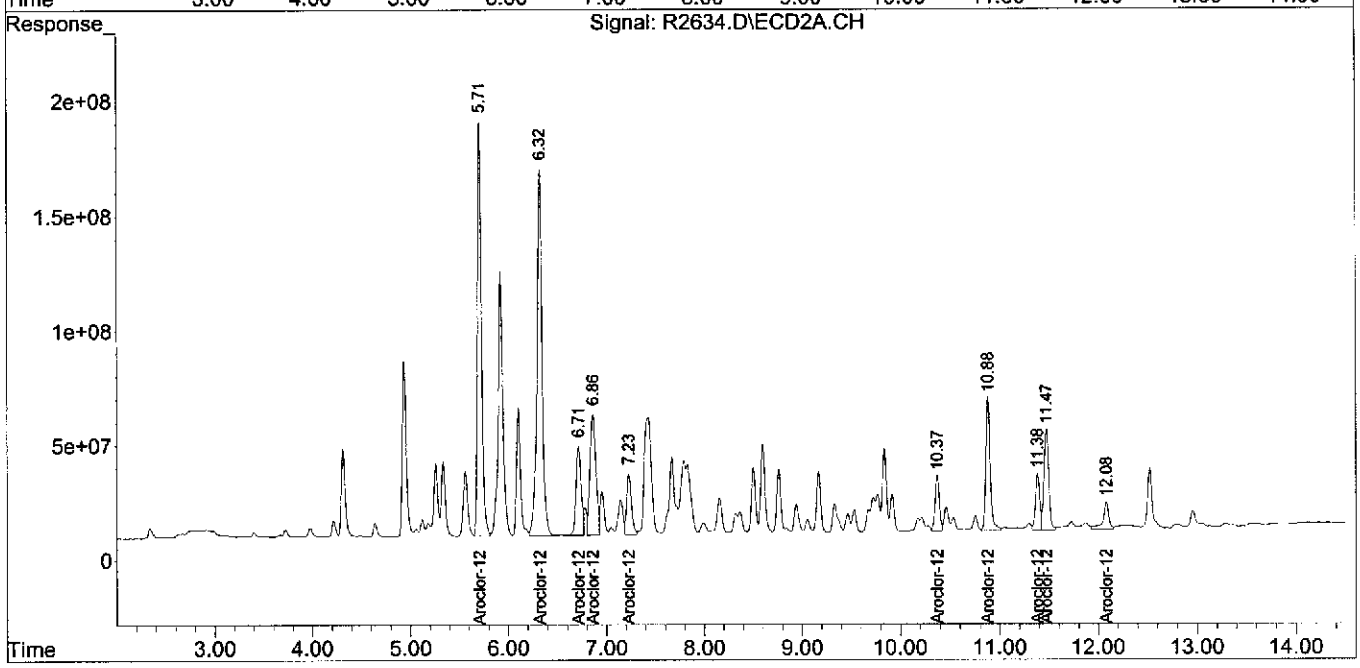
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2634.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 14:04
Operator : YG
Sample : W-36(2.0-3,07371-042,S,5.04g,41.8,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 15:01:19 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\08-06-12\
Data File : R2506.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 10:08
Operator : YG
Sample : W-36(3.0-3,07371-043,S,5.31g,37.3,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:41:05 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						
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	5.30	5.70	1654.7E6	1223.0E6	217.225m	218.996
24) L6 Aroclor-1248 {2}	5.86	6.31	248.4E6	541.6E6	57.896	67.827
25) L6 Aroclor-1248 {3}	6.20	6.71	398.0E6	366.9E6	72.450	61.471
26) L6 Aroclor-1248 {4}	6.92	6.86	715.8E6	505.8E6	84.011	99.051
27) L6 Aroclor-1248 {5}	7.21	7.22	571.5E6	202.3E6	79.834	70.042
Sum Aroclor-1248			3588.3E6	2839.5E6	511.415	517.386
Average Aroclor-1248					102.283	103.477
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	10.37	873.8E6	390.4E6	49.856m	55.915m
39) L9 Aroclor-1262 {2}	10.42	10.88	1812.4E6	916.6E6	61.149m	65.110m
40) L9 Aroclor-1262 {3}	11.06	11.38	424.2E6	248.9E6	37.152m	47.534m#
41) L9 Aroclor-1262 {4}	11.15	11.47	654.6E6	587.9E6	58.391m	58.010m
42) L9 Aroclor-1262 {5}	11.98	12.08	342.1E6	149.6E6	42.625m	75.039m#
Sum Aroclor-1262			4107.1E6	2293.3E6	249.172	301.608
Average Aroclor-1262					49.834	60.322
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

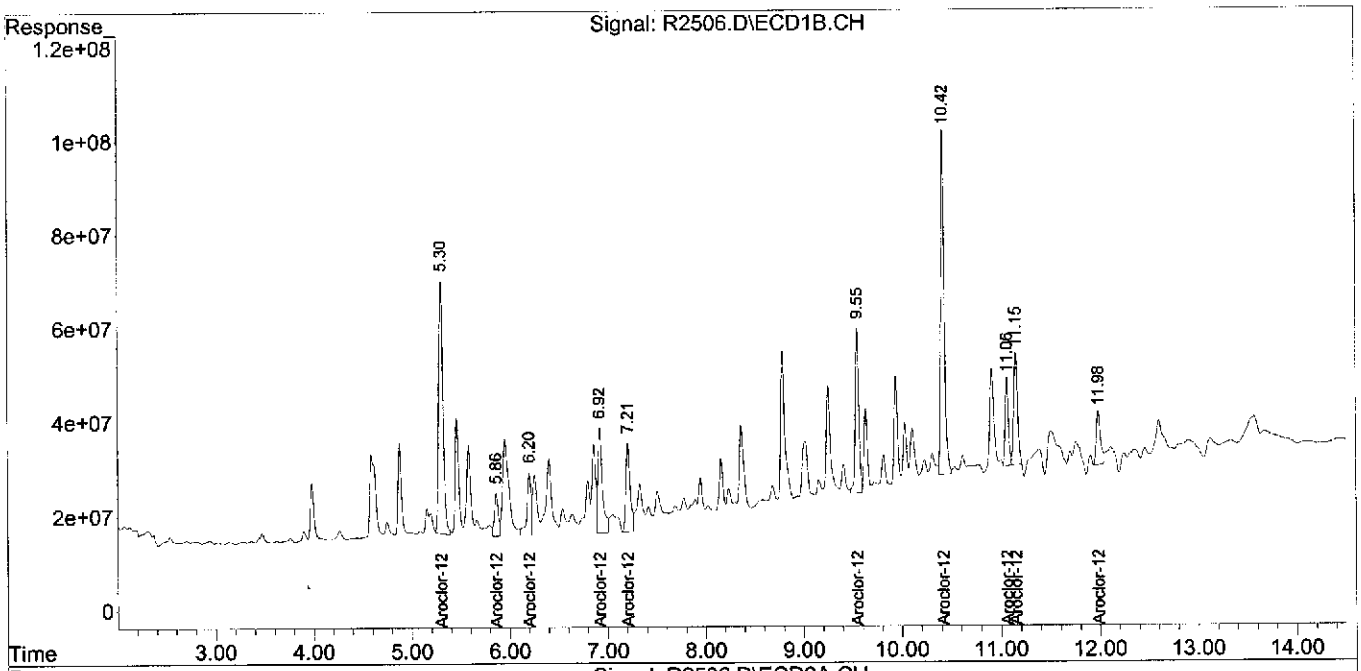
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

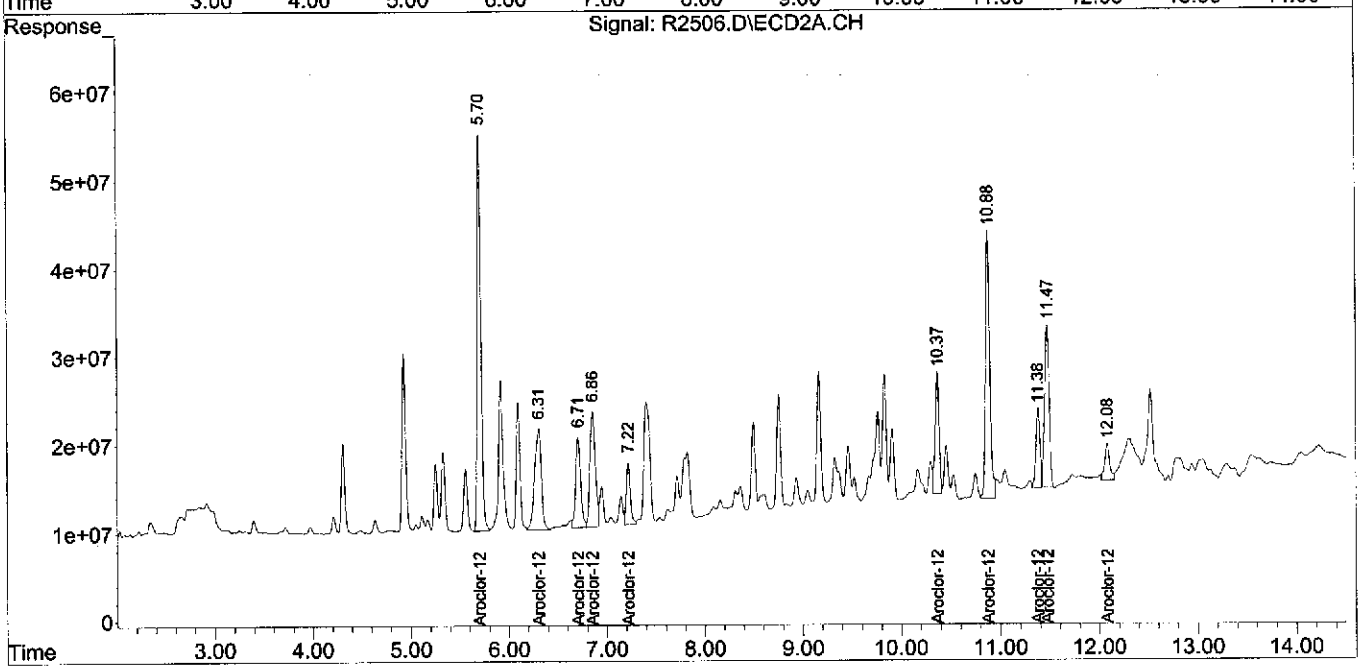
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2506.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 10:08
Operator : YG
Sample : W-36(3.0-3,07371-043,S,5.31g,37.3,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1000
ALS Vial : 64 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:41:05 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\08-06-12\
Data File : R2507.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 10:25
Operator : YG
Sample : W-36(3.25-,07371-044,S,5.00g,81.9,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:45:25 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	27619.9E6	29376.0E6	160.751	204.071 #
Spiked Amount 200.000			Recovery	=	80.38%	102.04%
2) S DCB	13.10	13.18	11251.1E6	6802.6E6	192.741m	169.827m
Spiked Amount 200.000			Recovery	=	96.37%	84.91%
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

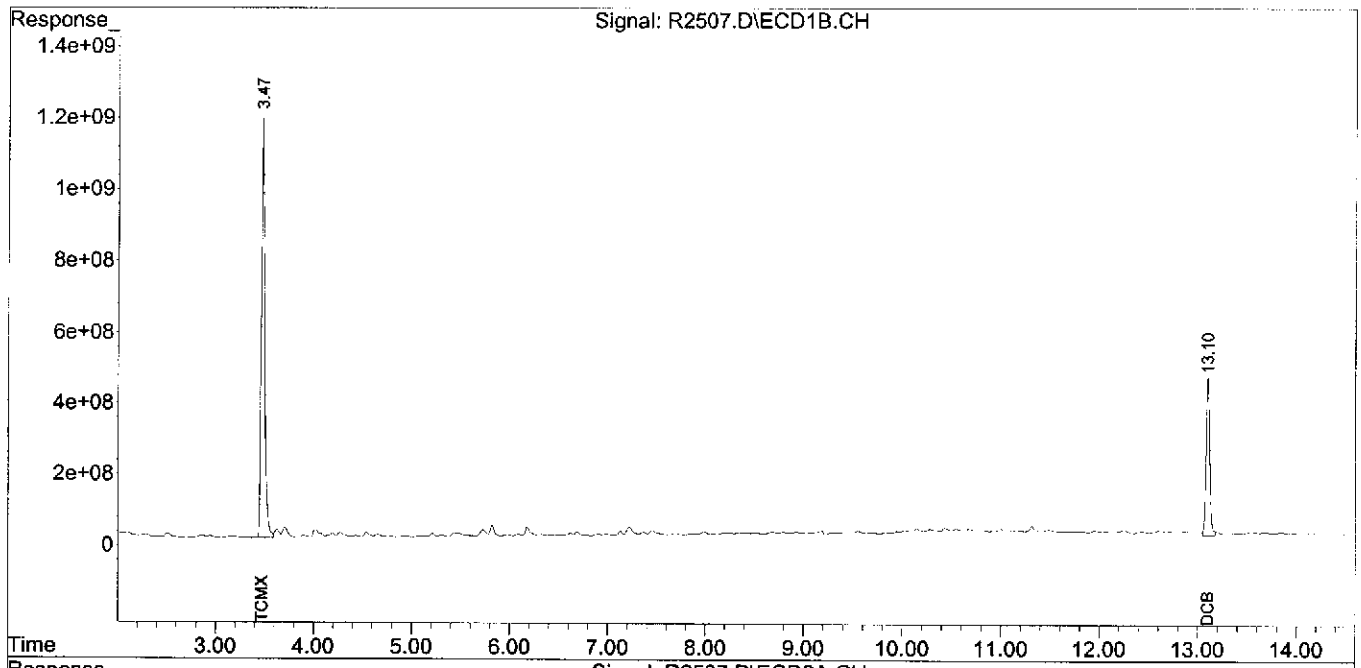
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

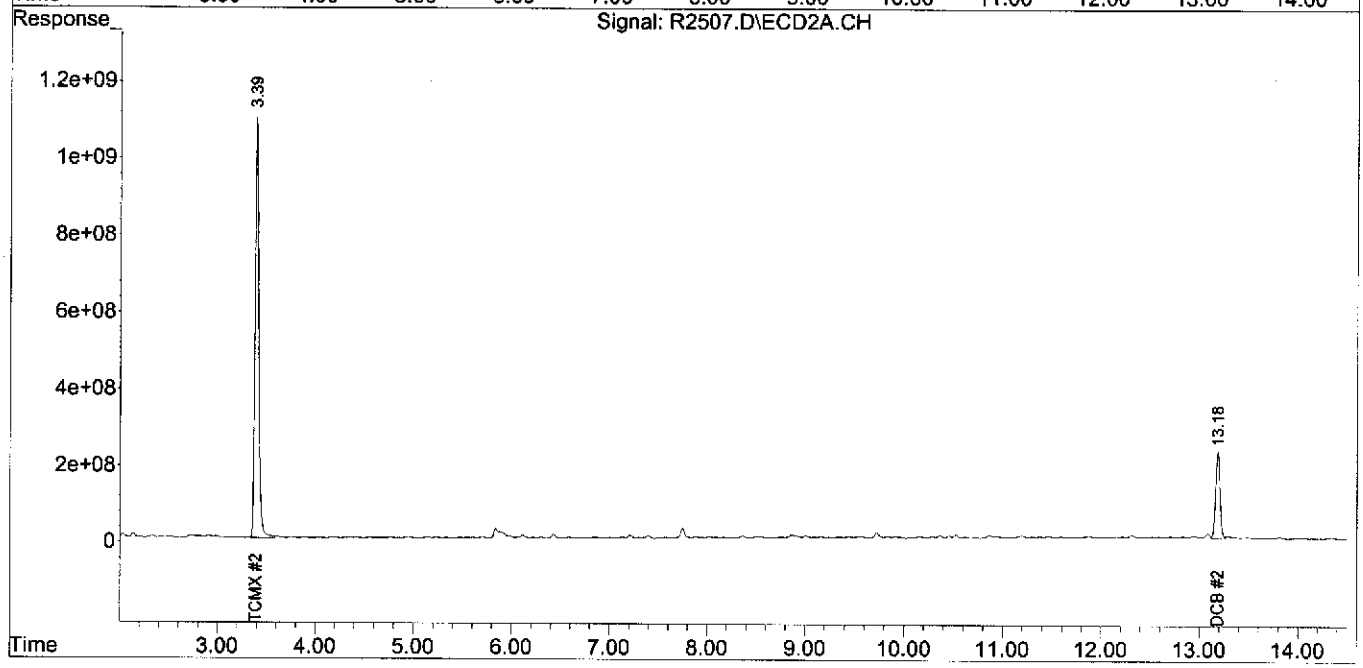
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2507.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 10:25
Operator : YG
Sample : W-36(3.25-,07371-044,S,5.00g,81.9,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:45:25 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\08-06-12\
Data File : R2508.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 10:43
Operator : YG
Sample : W-36(4.0-6,07371-045,S,5.13g,20.3,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:46:11 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	3.47	3.39	33560.7E6	27833.8E6	195.327	193.357
Spiked Amount 200.000			Recovery	=	97.66%	96.68%
2) S DCB	13.10	13.18	8875.0E6	5343.7E6	152.036m	133.406m
Spiked Amount 200.000			Recovery	=	76.02%	66.70%
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	5.30	5.70	316.3E6	283.6E6	41.529	50.783m
24) L6 Aroclor-1248 {2}	5.86	6.32	54171437	57829314	12.627	7.242m#
25) L6 Aroclor-1248 {3}	6.20	6.71	80190939	127.0E6	14.599	21.272m#
26) L6 Aroclor-1248 {4}	6.92	6.85	102.3E6	175.1E6	12.010m	34.285m#
27) L6 Aroclor-1248 {5}	7.21	7.22	149.2E6	69822134	20.846m	24.178m
Sum Aroclor-1248			702.3E6	713.3E6	101.610	137.760
Average Aroclor-1248					20.322	27.552
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

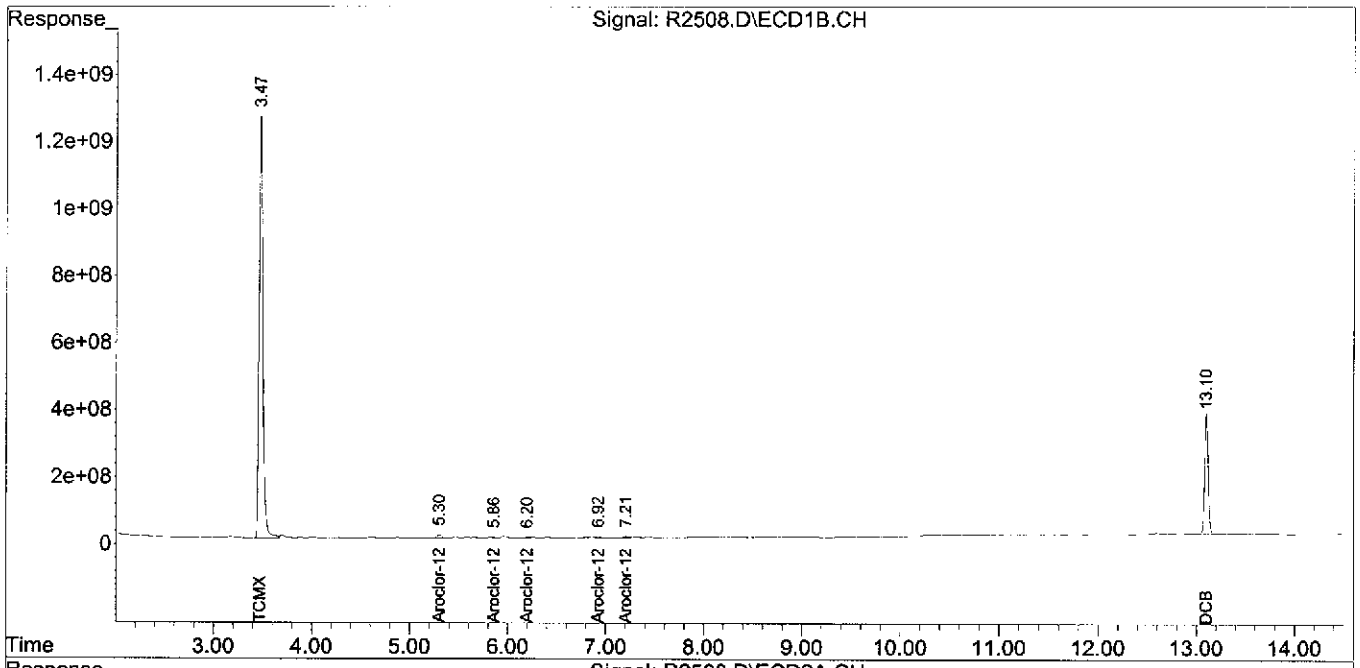
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

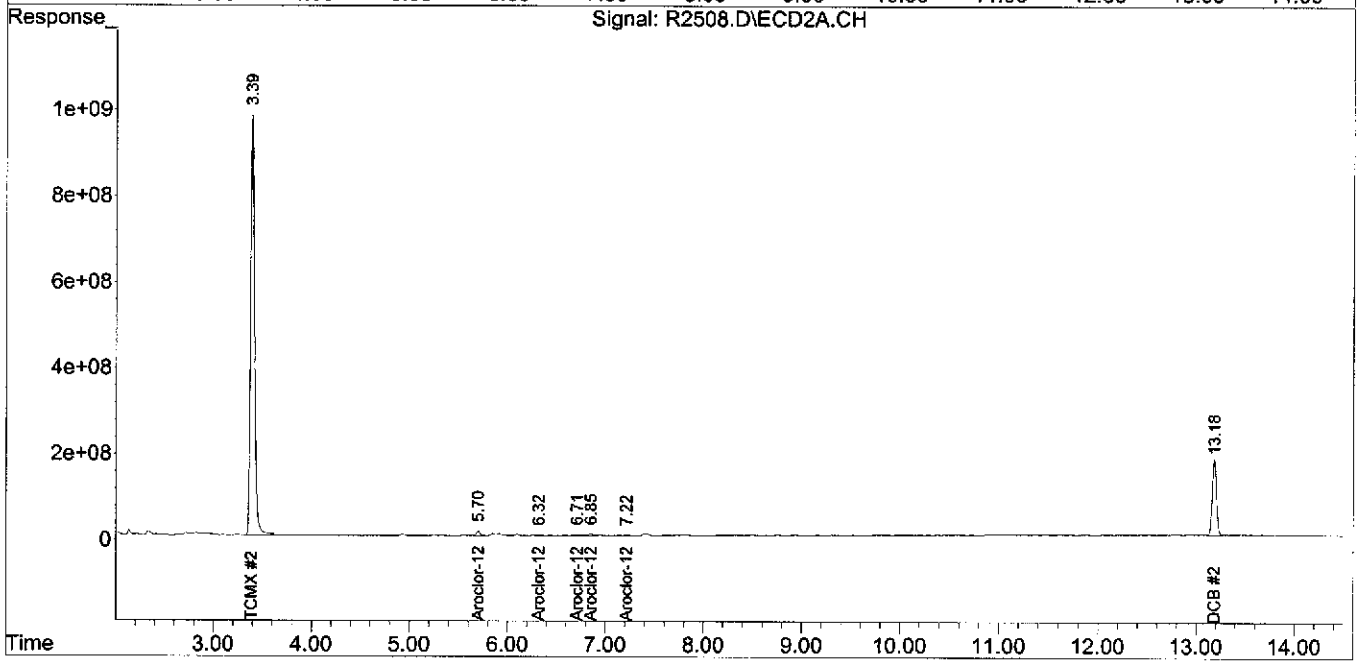
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2508.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 10:43
Operator : YG
Sample : W-36(4.0-6,07371-045,S,5.13g,20.3,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:46:11 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2509.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 11:00
Operator : YG
Sample : W-35(0-2.0,07371-046,S,5.02g,28.7,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:46:46 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	
23) L6 Aroclor-1248	5.30	5.70	927.8E6	756.1E6	121.804	135.389	
24) L6 Aroclor-1248 {2}	5.86	6.30	653.2E6	1266.0E6	152.257	158.537	
25) L6 Aroclor-1248 {3}	6.20	6.71	759.1E6	921.5E6	138.200	154.404	
26) L6 Aroclor-1248 {4}	6.93	6.86	1652.9E6	773.8E6	193.998	151.543	
27) L6 Aroclor-1248 {5}	7.21	7.22	1089.7E6	467.3E6	152.215	161.809	
Sum Aroclor-1248			5082.7E6	4184.7E6	758.474	761.683	
Average Aroclor-1248					151.695	152.337	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	9.25	8.76	1437.1E6	709.5E6	102.504	112.336	
34) L8 Aroclor-1260 {2}	9.94	9.17	897.6E6	667.0E6	121.051	91.385	
35) L8 Aroclor-1260 {3}	10.42	10.37	2384.4E6	555.0E6	95.343	110.116	
36) L8 Aroclor-1260 {4}	10.91	10.88	948.3E6	1195.2E6	91.253	119.175	#
37) L8 Aroclor-1260 {5}	11.99	11.47	656.3E6	848.2E6	141.365	104.414	#
Sum Aroclor-1260			6323.7E6	3974.8E6	551.517	537.427	
Average Aroclor-1260					110.303	107.485	
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	

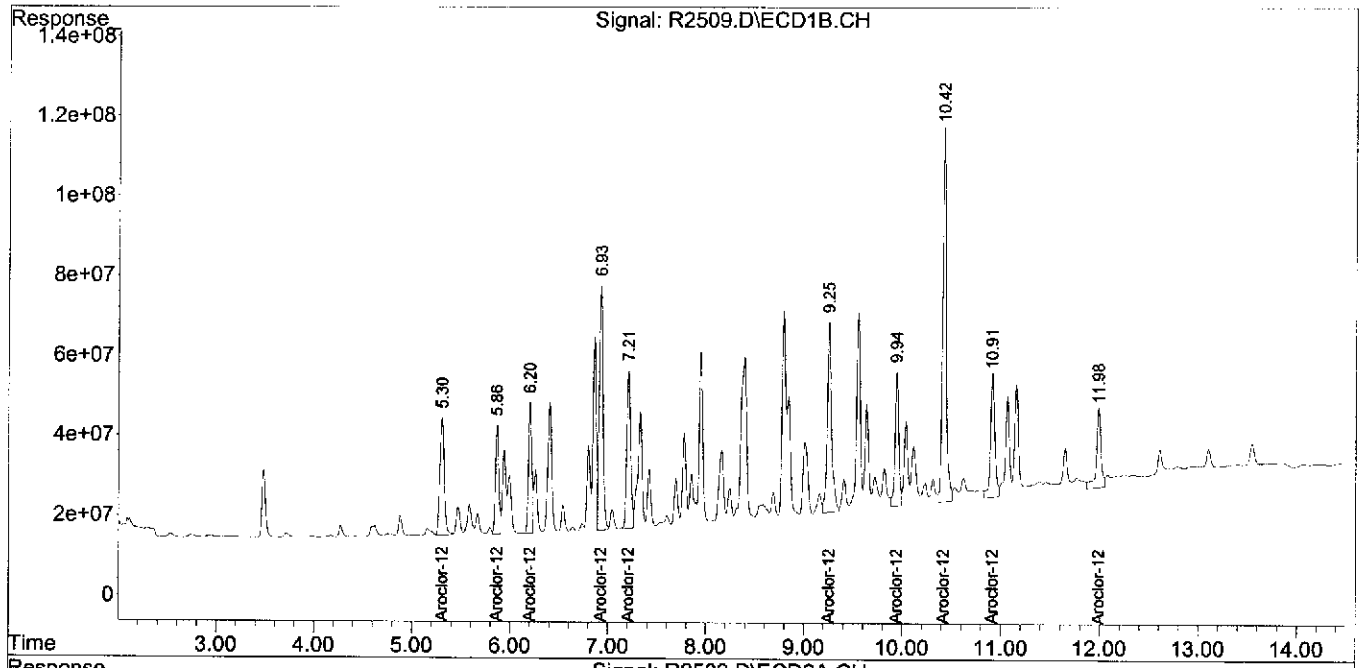
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

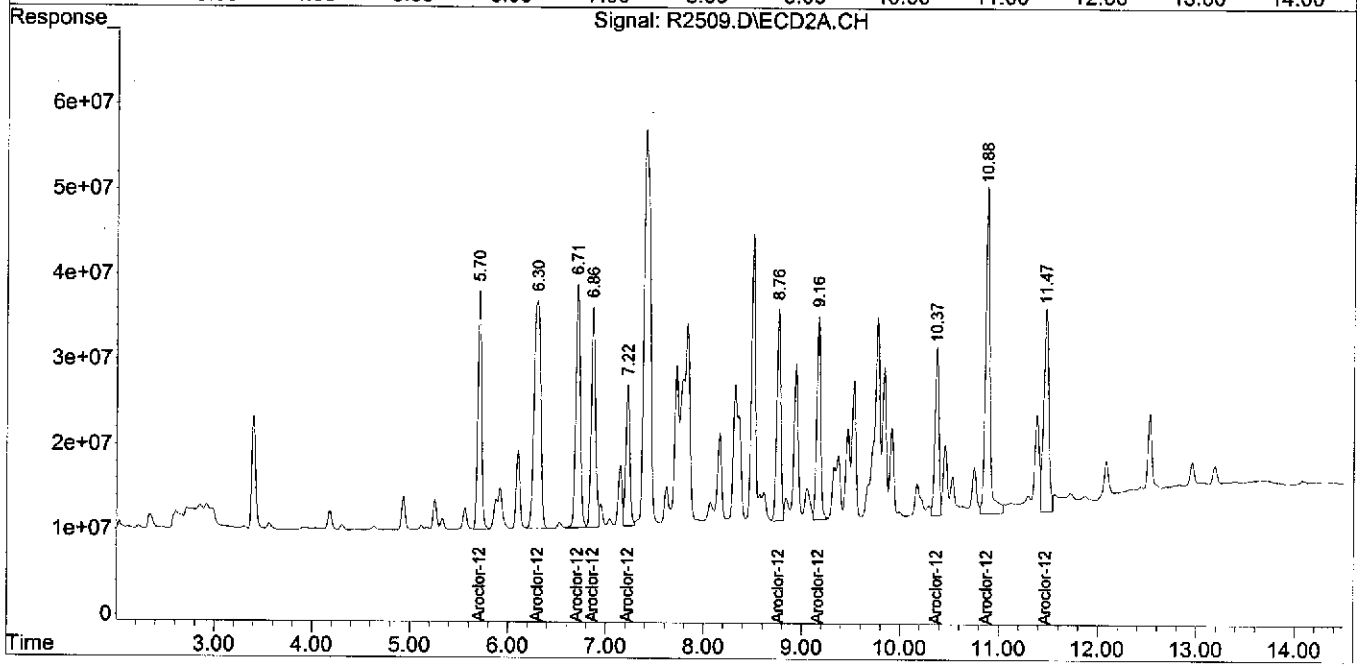
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2509.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 11:00
Operator : YG
Sample : W-35(0-2.0,07371-046,S,5.02g,28.7,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:46:46 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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2635.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 14:22
Operator : YG
Sample : W-35(2.0-4,07371-047,S,5.52g,17.5,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 15:04:18 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
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	10.37	1503.5E6	898.6E6	85.789m	128.713m#
39) L9 Aroclor-1262 {2}	10.42	10.87	3122.6E6	1503.0E6	105.355m	106.765m
40) L9 Aroclor-1262 {3}	11.07	11.37	761.2E6	536.6E6	66.672m	102.488m#
41) L9 Aroclor-1262 {4}	11.15	11.47	1276.1E6	991.5E6	113.823m	97.839m
42) L9 Aroclor-1262 {5}	11.98	12.07	525.3E6	252.2E6	65.441m	126.473m#
Sum Aroclor-1262			7188.7E6	4181.9E6	437.079	562.279
Average Aroclor-1262					87.416	112.456
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

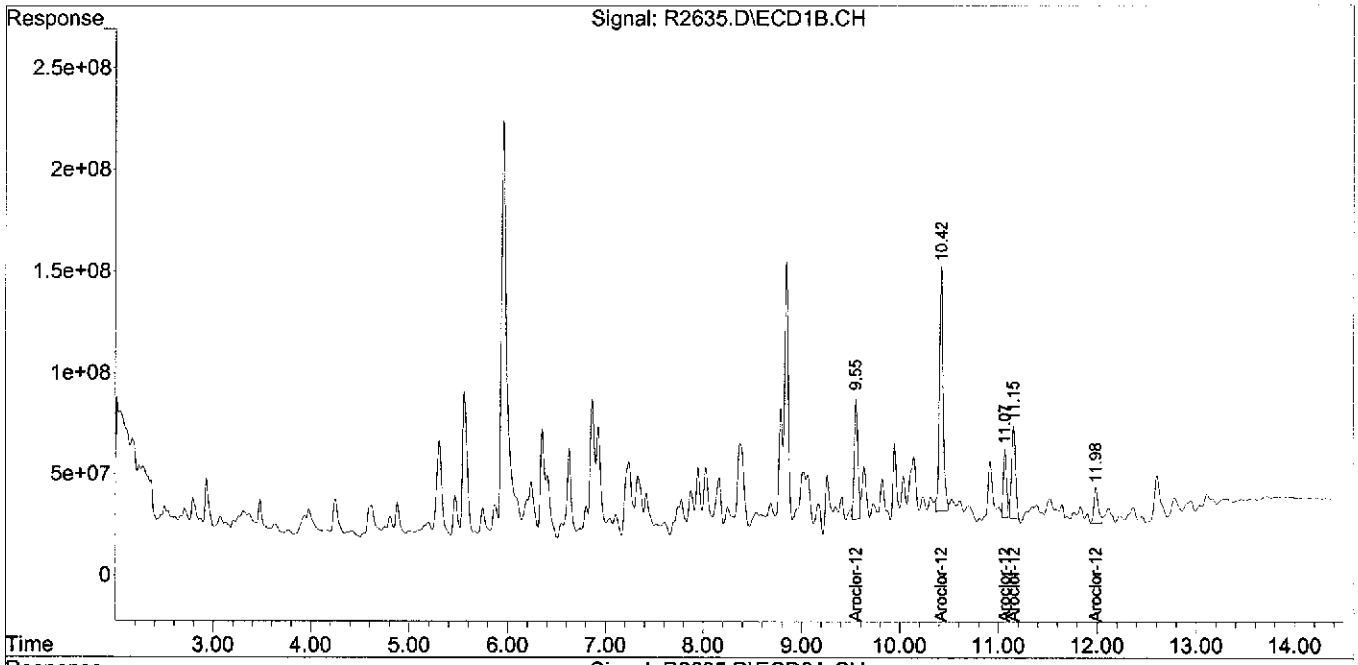
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

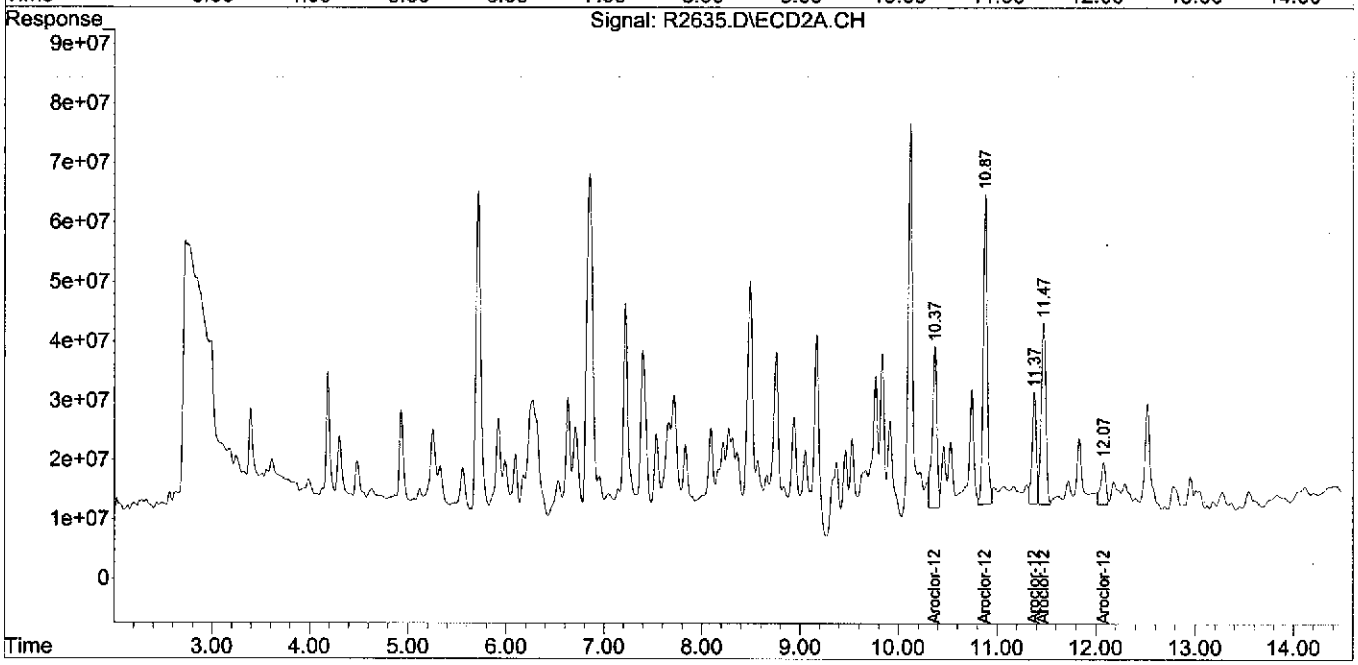
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-09-12\
Data File : R2635.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 09 Aug 2012 14:22
Operator : YG
Sample : W-35(2.0-4,07371-047,S,5.52g,17.5,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 15:04:18 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\08-07-12\
Data File : R2524.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:21
Operator : YG
Sample : W-35(4.25-,07371-048,S,5.05g,38.4,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,2
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 15:11:35 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	3.47	3.40	20926.2E6	18967.2E6	121.793m	131.763m
Spiked Amount 200.000			Recovery	=	60.90%	65.88%
2) S DCB	13.11	13.20	26873.6E6	6200.8E6	460.369m	154.804m#
Spiked Amount 200.000			Recovery	=	230.18%	77.40%
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	9.27	8.76	8691.2E6	18287.4E6	619.916m	2895.643m#
34) L8 Aroclor-1260 {2}	9.96	9.18	3972.1E6	5199.5E6	535.670m	712.400m#
35) L8 Aroclor-1260 {3}	10.43	10.37	33257.5E6	9132.9E6	1329.843m	1812.074m#
36) L8 Aroclor-1260 {4}	10.92	10.88	4500.7E6	15738.1E6	433.079m	1569.239m#
Sum Aroclor-1260			50421.6E6	48358.0E6	2918.507	6989.356
Average Aroclor-1260					729.627	1747.339
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

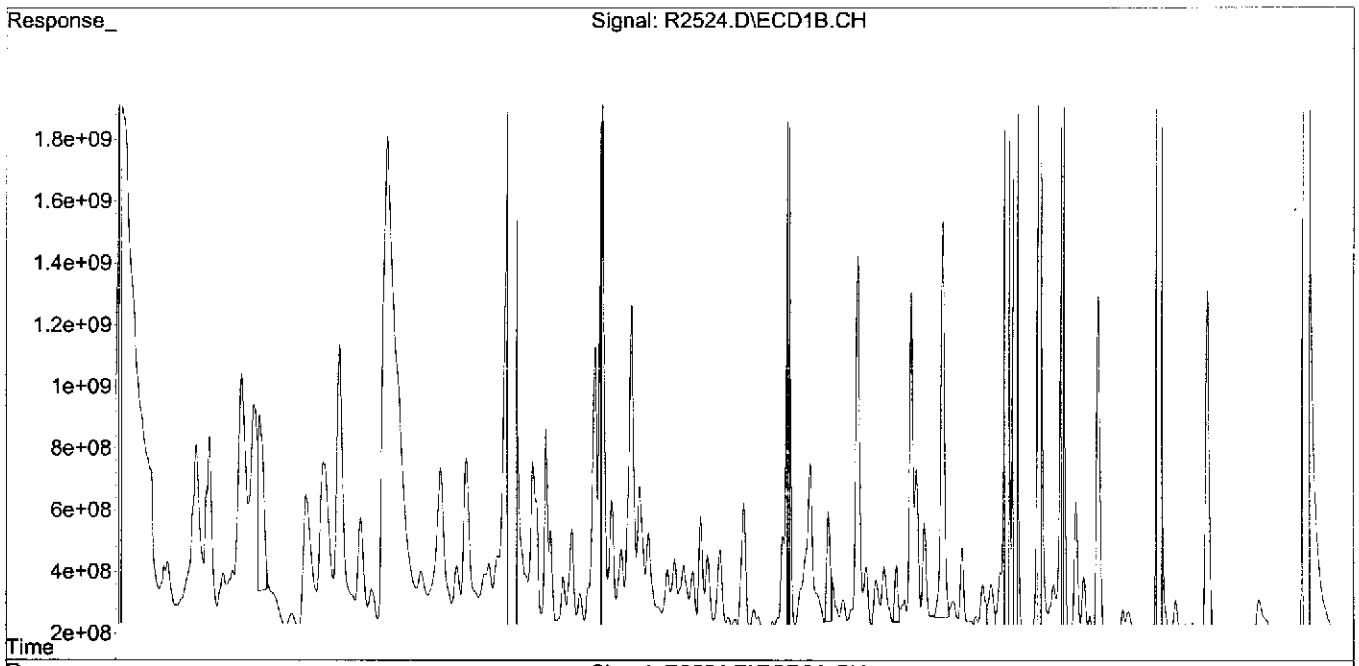
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

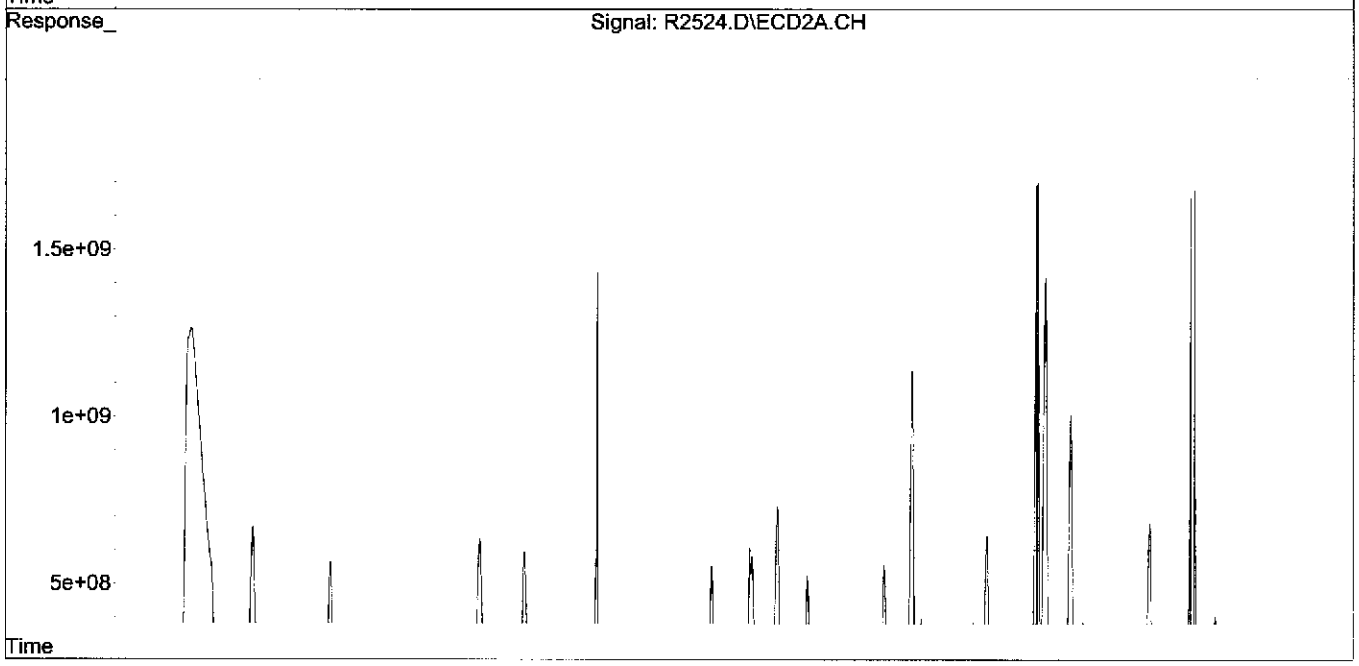
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2524.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 19:21
Operator : YG
Sample : W-35(4.25-,07371-048,S,5.05g,38.4,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,2
ALS Vial : 5 Sample Multiplier: 1

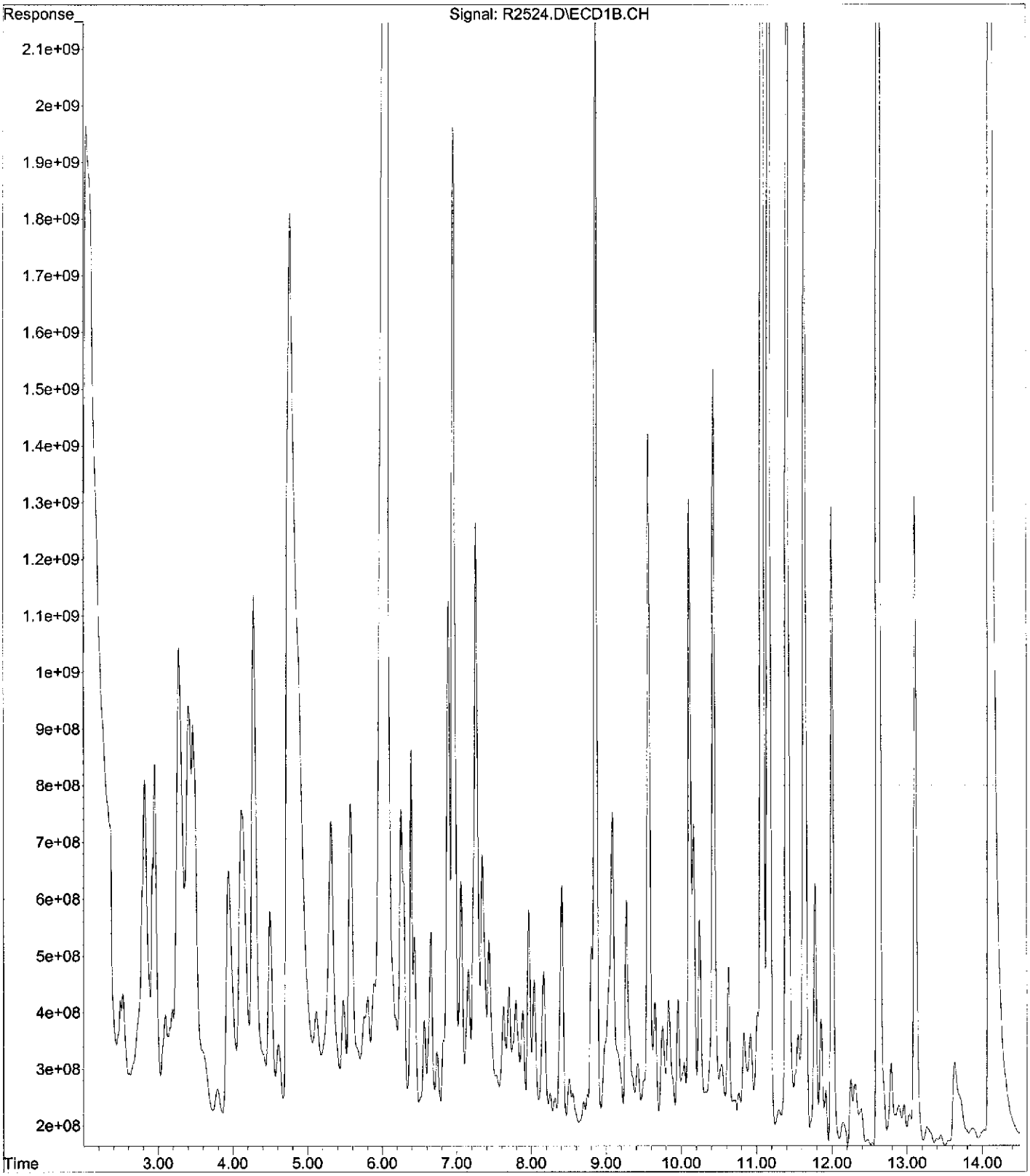
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 15:11:35 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

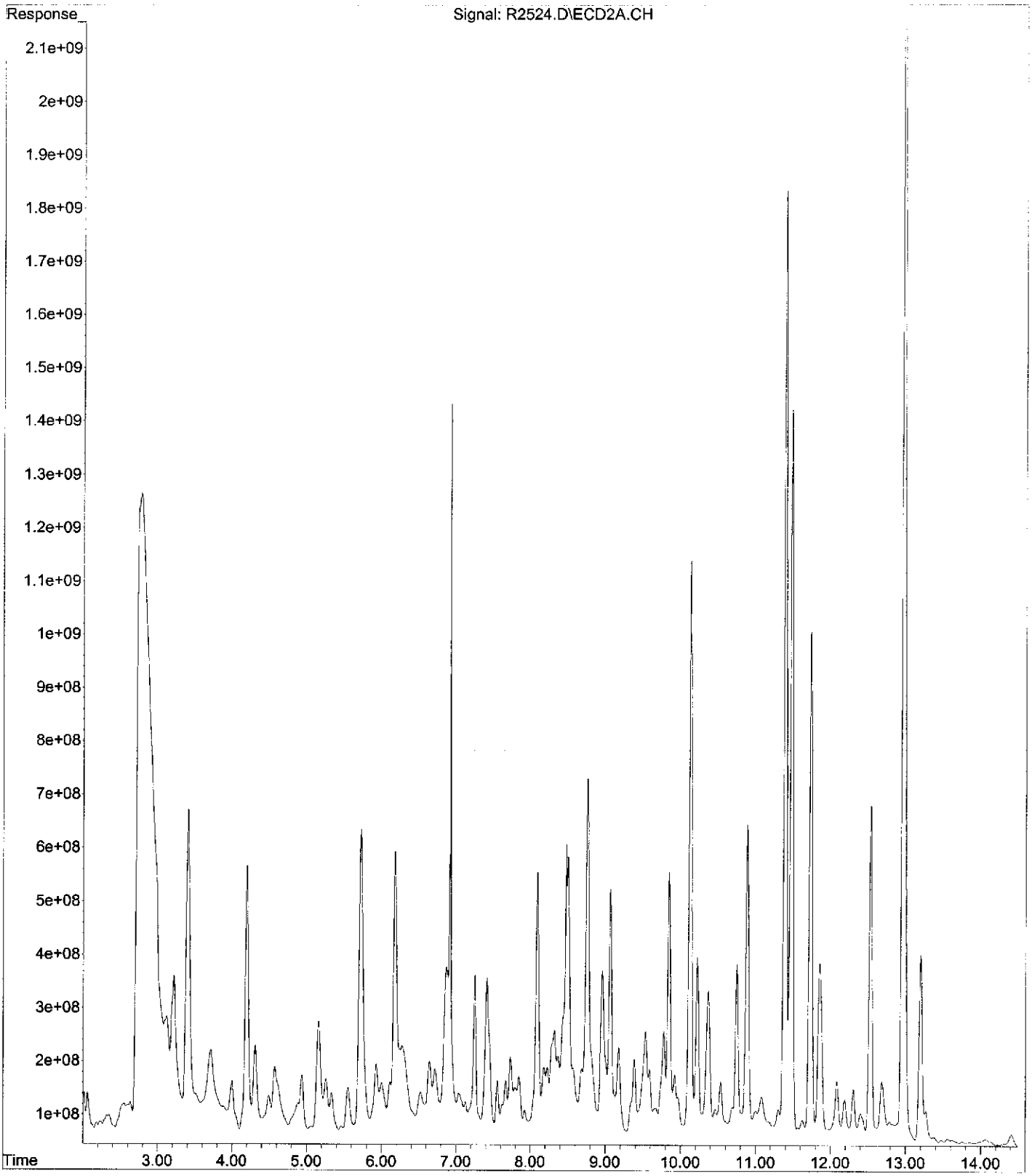




File :C:\MSDChem\1\DATA\08-07-12\R2524.D
Operator : YG
Acquired : 07 Aug 2012 19:21 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-35(4.25-,07371-048,S,5.05g,38.4,07/30/12,4
Misc Info : 120730-04,07/23/12,07/23/12,2
Vial Number: 5



File :C:\MSDChem\1\DATA\08-07-12\R2524.D
Operator : YG
Acquired : 07 Aug 2012 19:21 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: W-35(4.25-,07371-048,S,5.05g,38.4,07/30/12,4
Misc Info : 120730-04,07/23/12,07/23/12,2
Vial Number: 5



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2512.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 11:53
Operator : YG
Sample : W-35(4.5-6,07371-049,S,5.49g,22.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:52:35 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	3.47	3.39	33249.7E6	27839.4E6	193.517	193.396
Spiked Amount 200.000			Recovery	=	96.76%	96.70%
2) S DCB	13.10	13.18	10202.9E6	5314.5E6	174.785m	132.677m
Spiked Amount 200.000			Recovery	=	87.39%	66.34%
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

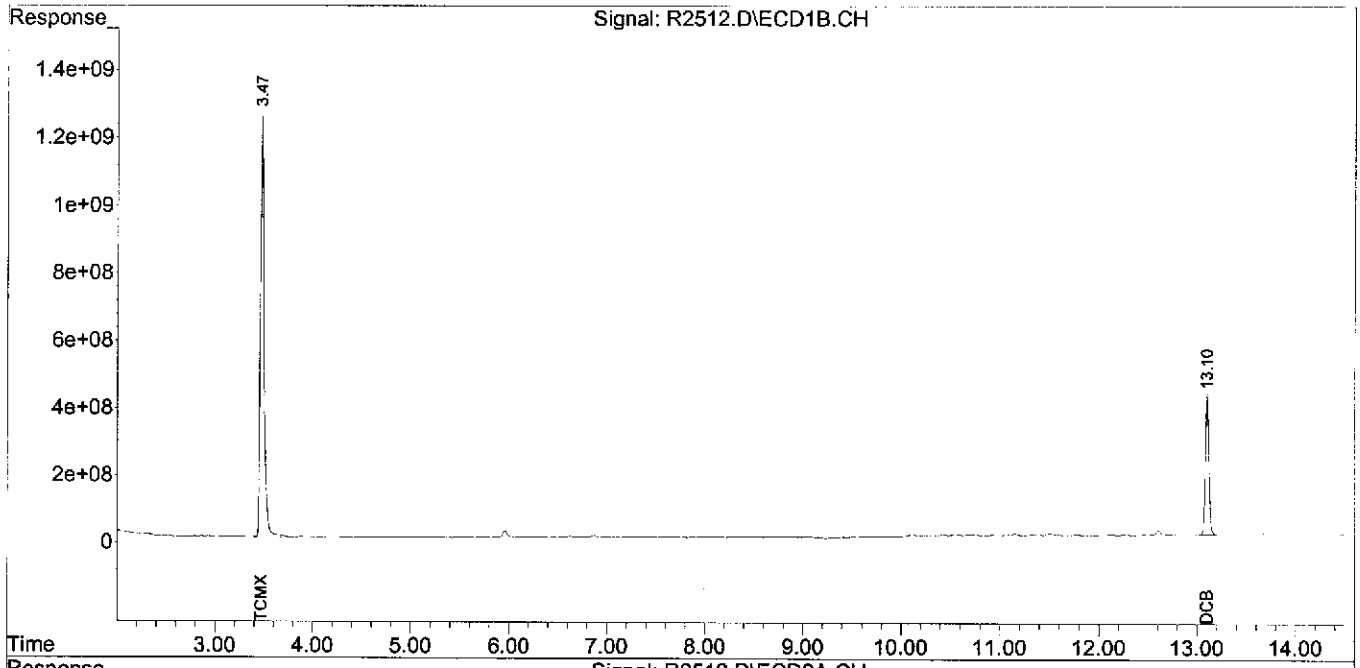
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

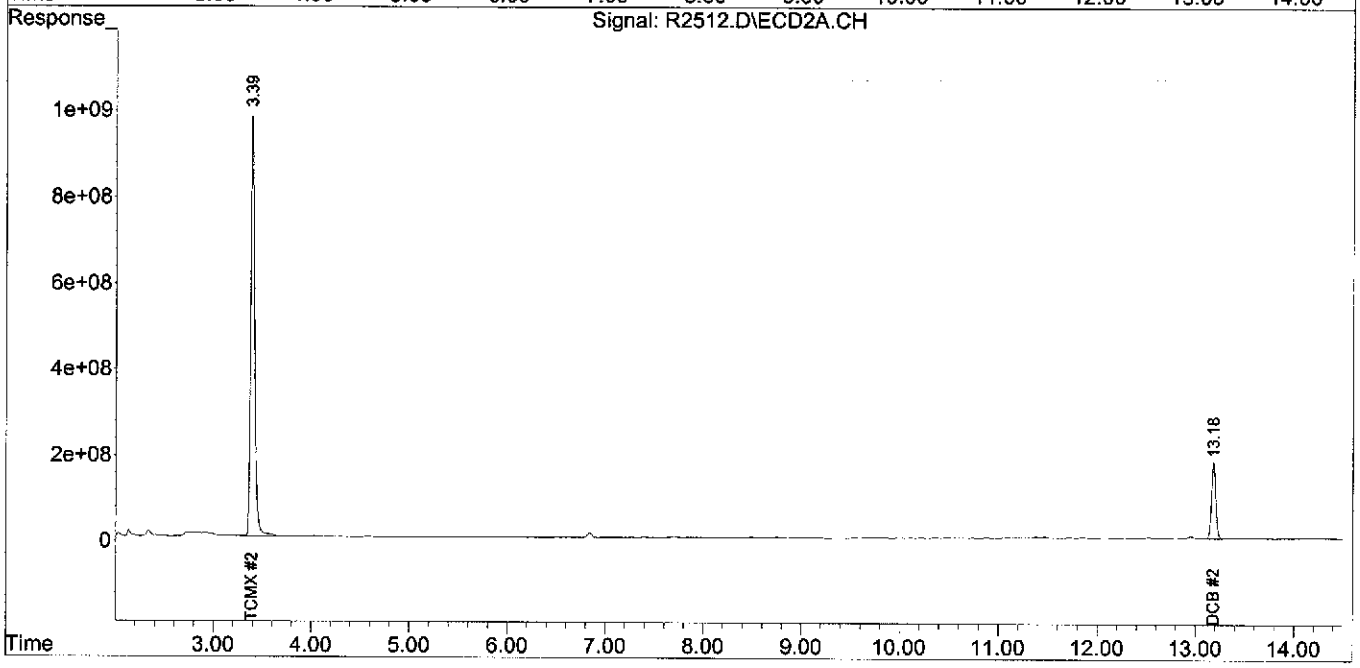
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2512.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 11:53
Operator : YG
Sample : W-35(4.5-6,07371-049,S,5.49g,22.2,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:52:35 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2513.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:10
Operator : YG
Sample : W-34(0-1.0,07371-050,S,5.09g,22.5,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,10
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:53:00 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						
1) S TCMX	3.48	3.40	4012.9E6	3078.1E6	23.356	21.383
Spiked Amount 200.000			Recovery =		11.68%	10.69%
2) S DCB	13.10	13.18	1128.8E6	573.4E6	19.338m	14.315 #
Spiked Amount 200.000			Recovery =		9.67%	7.16%
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
23) L6 Aroclor-1248	5.31	5.70	4489.6E6	3250.4E6	589.394	582.018
24) L6 Aroclor-1248 {2}	5.86	6.30	2714.8E6	5292.1E6	632.829	662.728
25) L6 Aroclor-1248 {3}	6.20	6.71	3643.5E6	3947.6E6	663.297	661.430
26) L6 Aroclor-1248 {4}	6.93	6.86	8729.3E6	3069.0E6	1024.539	601.050 #
27) L6 Aroclor-1248 {5}	7.21	7.22	5543.0E6	1998.5E6	774.273	692.028
Sum Aroclor-1248			25120.2E6	17557.6E6	3684.332	3199.254
Average Aroclor-1248					736.866	639.851
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.76	16062.2E6	6274.4E6	1145.662	993.490
34) L8 Aroclor-1260 {2}	9.94	9.17	8771.0E6	6761.4E6	1182.823	926.400
35) L8 Aroclor-1260 {3}	10.42	10.37	30526.2E6	6053.6E6	1220.629	1201.095
36) L8 Aroclor-1260 {4}	10.91	10.88	10011.1E6	12779.9E6	963.311	1274.270 #
37) L8 Aroclor-1260 {5}	11.98	11.47	5841.0E6	8858.8E6	1258.210	1090.586
Sum Aroclor-1260			71211.6E6	40728.0E6	5770.635	5485.841
Average Aroclor-1260					1154.127	1097.168
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\08-06-12\
Data File : R2513.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:10
Operator : YG
Sample : W-34(0-1.0,07371-050,S,5.09g,22.5,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,10
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:53:00 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

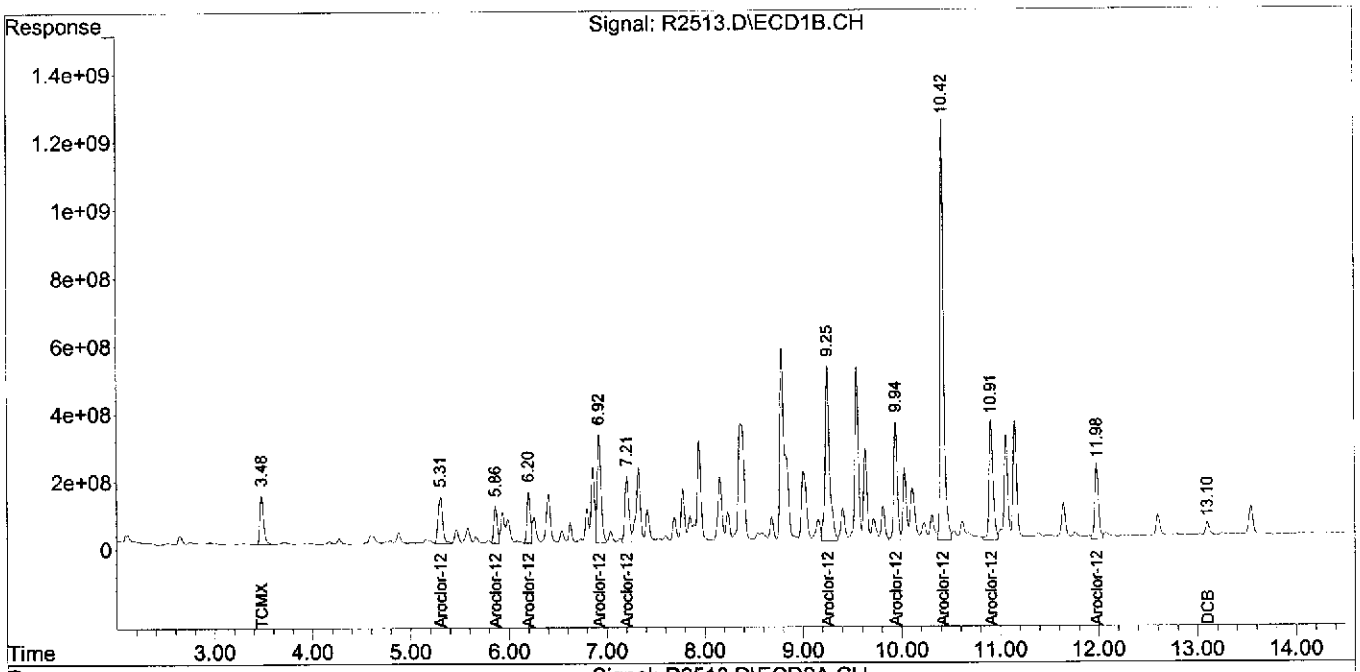
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

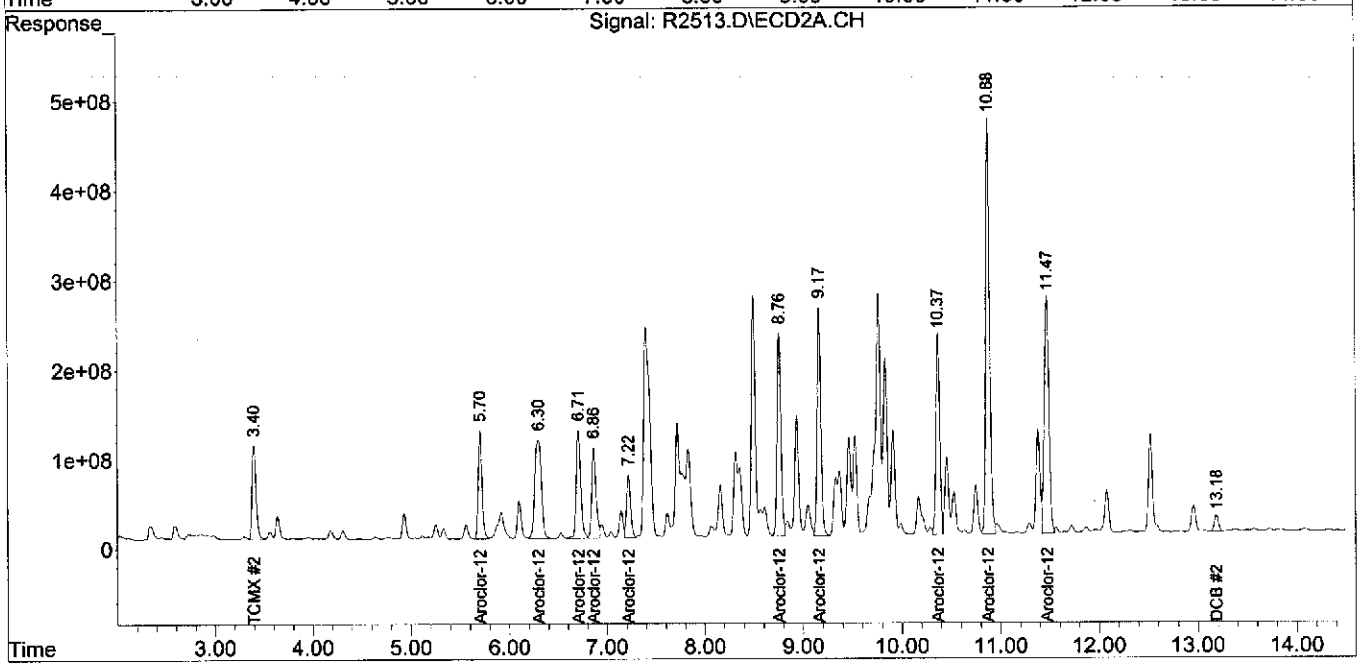
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2513.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:10
Operator : YG
Sample : W-34(0-1.0,07371-050,S,5.09g,22.5,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,10
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:53:00 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\08-06-12\
Data File : R2514.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:28
Operator : YG
Sample : W-34(1.0-2,07371-051,S,5.40g,12.5,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:53:30 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	19970.2E6	14340.2E6	116.229	99.619
Spiked Amount 200.000			Recovery	=	58.11%	49.81%
2) S DCB	13.10	13.18	7559.1E6	5121.9E6	129.493m	127.868m
Spiked Amount 200.000			Recovery	=	64.75%	63.93%
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

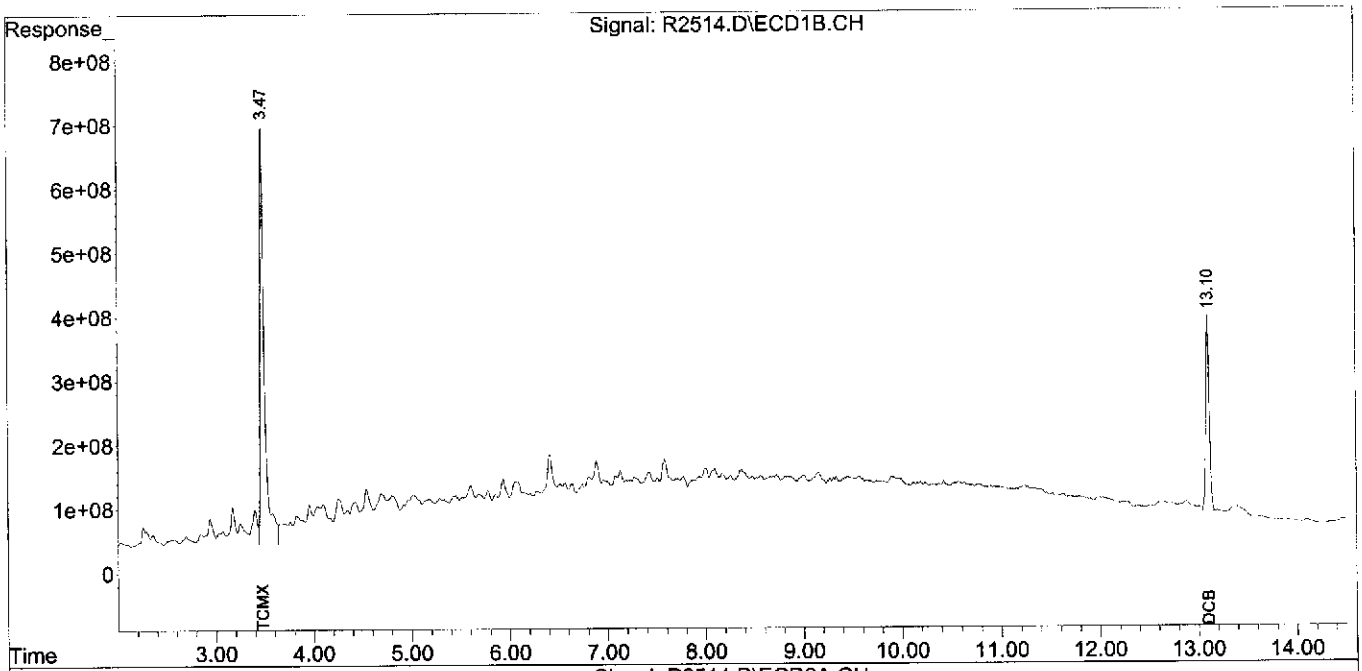
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

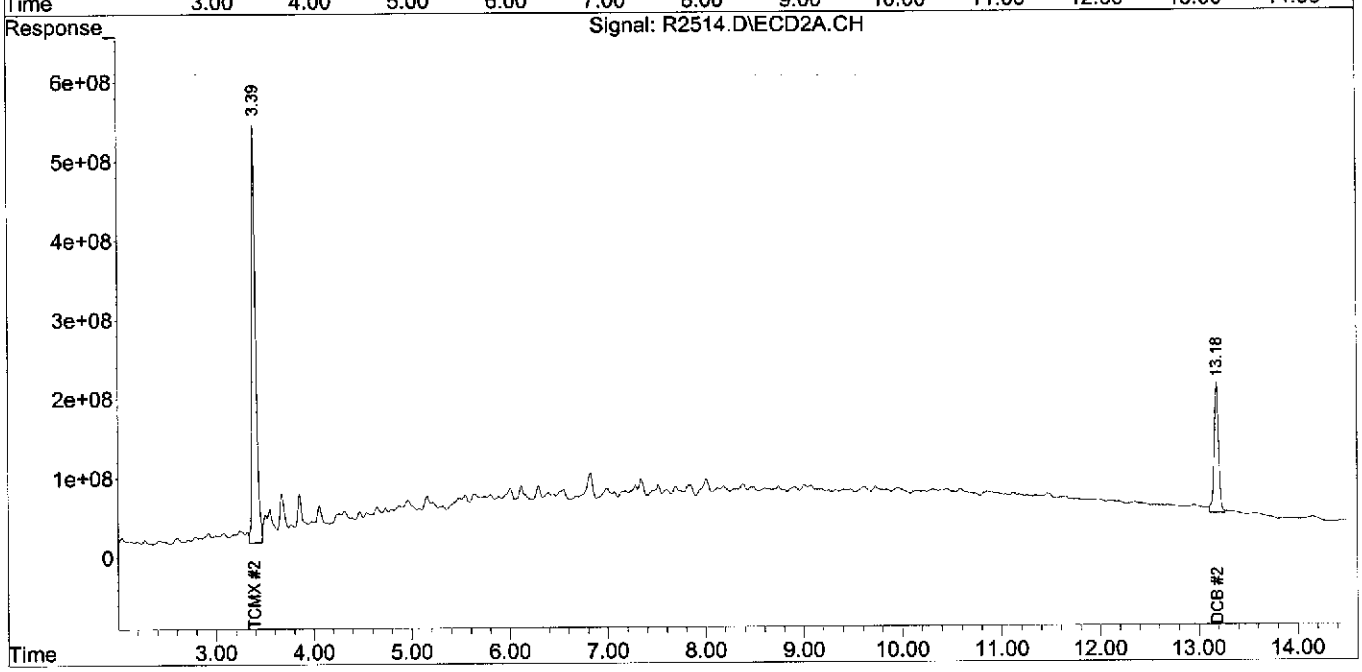
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2514.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:28
Operator : YG
Sample : W-34(1.0-2,07371-051,S,5.40g,12.5,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:53:30 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\08-06-12\
Data File : R2515.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:45
Operator : YG
Sample : W-34(2.0-3,07371-052,S,5.20g,12.6,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:53:53 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	3.47	3.39	21899.1E6	19754.6E6	127.456	137.232
Spiked Amount 200.000			Recovery	=	63.73%	68.62%
2) S DCB	13.10	13.18	9217.1E6	5243.0E6	157.896m	130.891m
Spiked Amount 200.000			Recovery	=	78.95%	65.45%
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

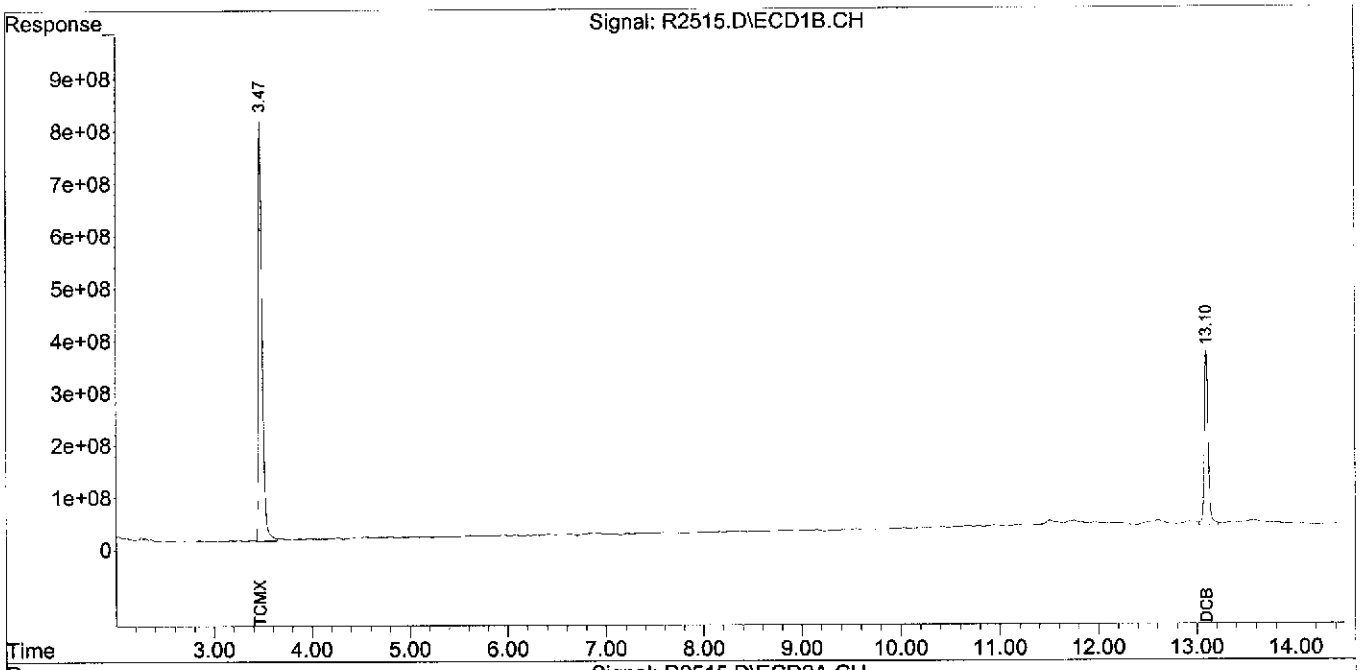
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

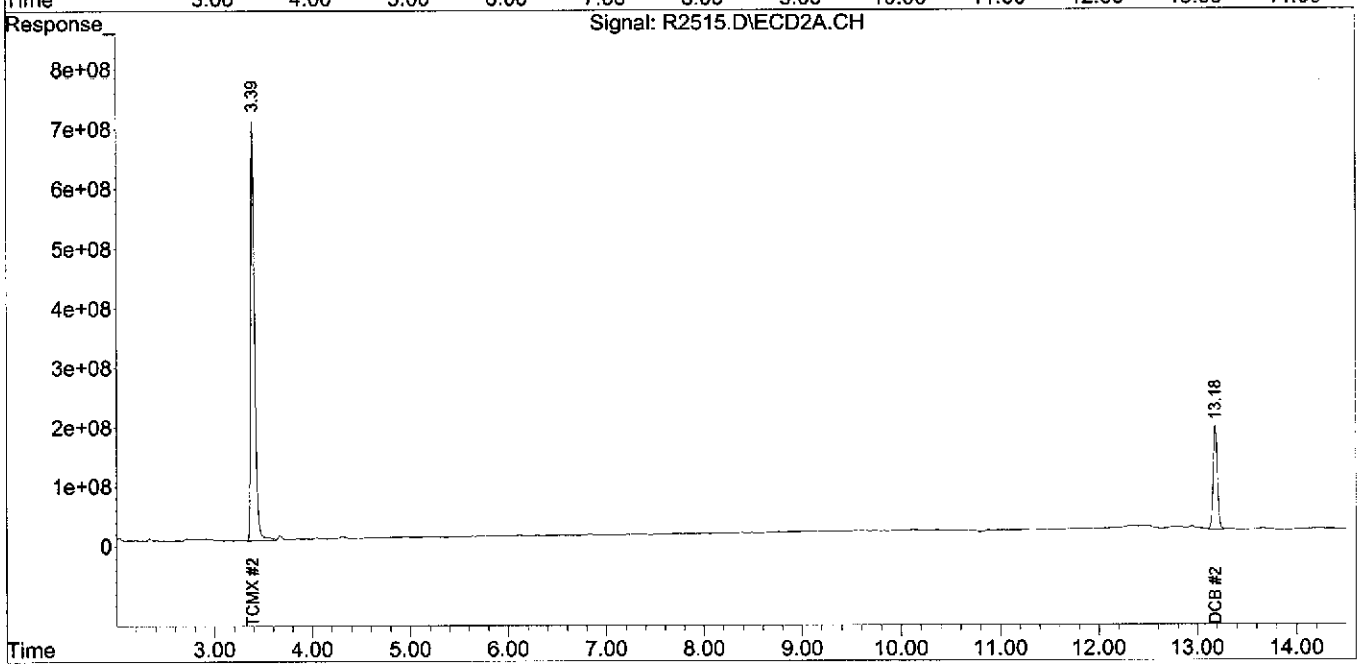
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-06-12\
Data File : R2515.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 12:45
Operator : YG
Sample : W-34(2.0-3,07371-052,S,5.20g,12.6,07/30/12,4
Misc : 120730-04,07/23/12,07/23/12,1
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:53:53 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\08-02-12\
Data File : Y7841.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 Aug 2012 23:11
Operator : YG
Sample : W-34(3.5-4,07371-053,S,5.33g,66.5,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:20:25 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	20220.6E6	7856.5E6	212.690	224.777
Spiked Amount 200.000			Recovery	=	106.35%	112.39%
2) S DCB	12.11	12.50	3644.4E6	1548.6E6	176.840m	180.210m
Spiked Amount 200.000			Recovery	=	88.42%	90.11%
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

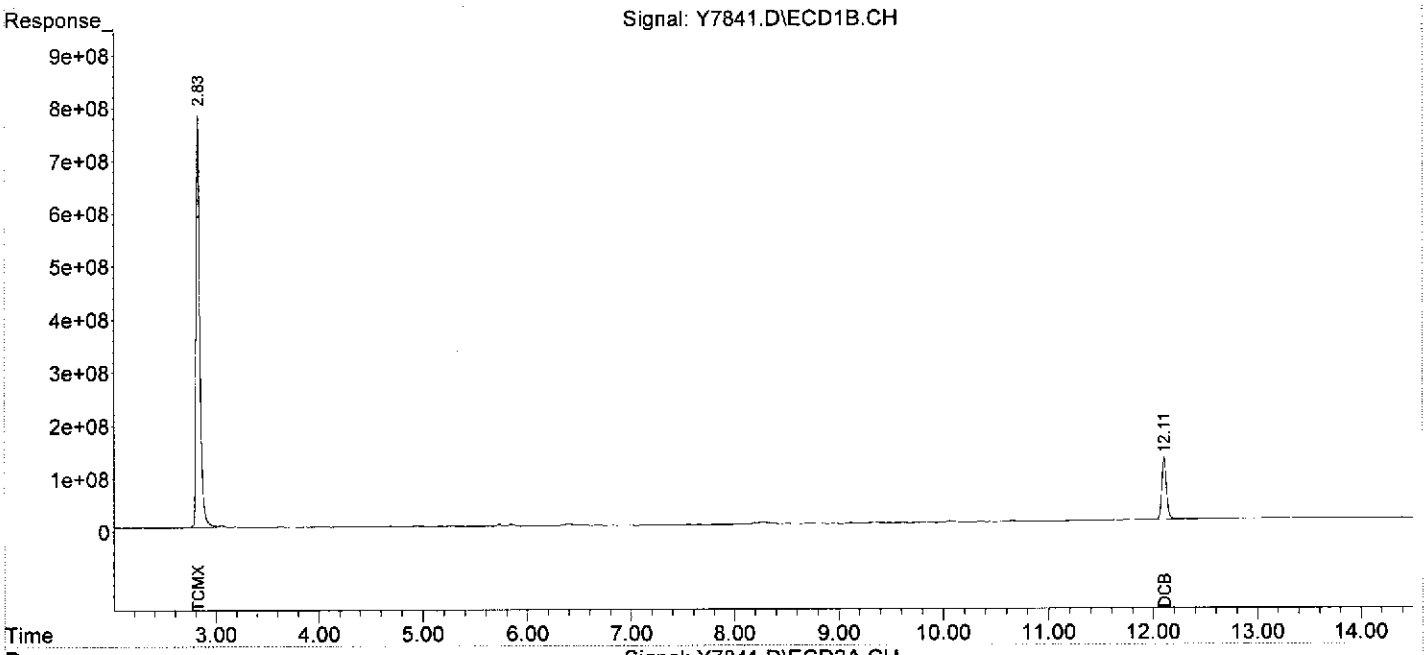
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

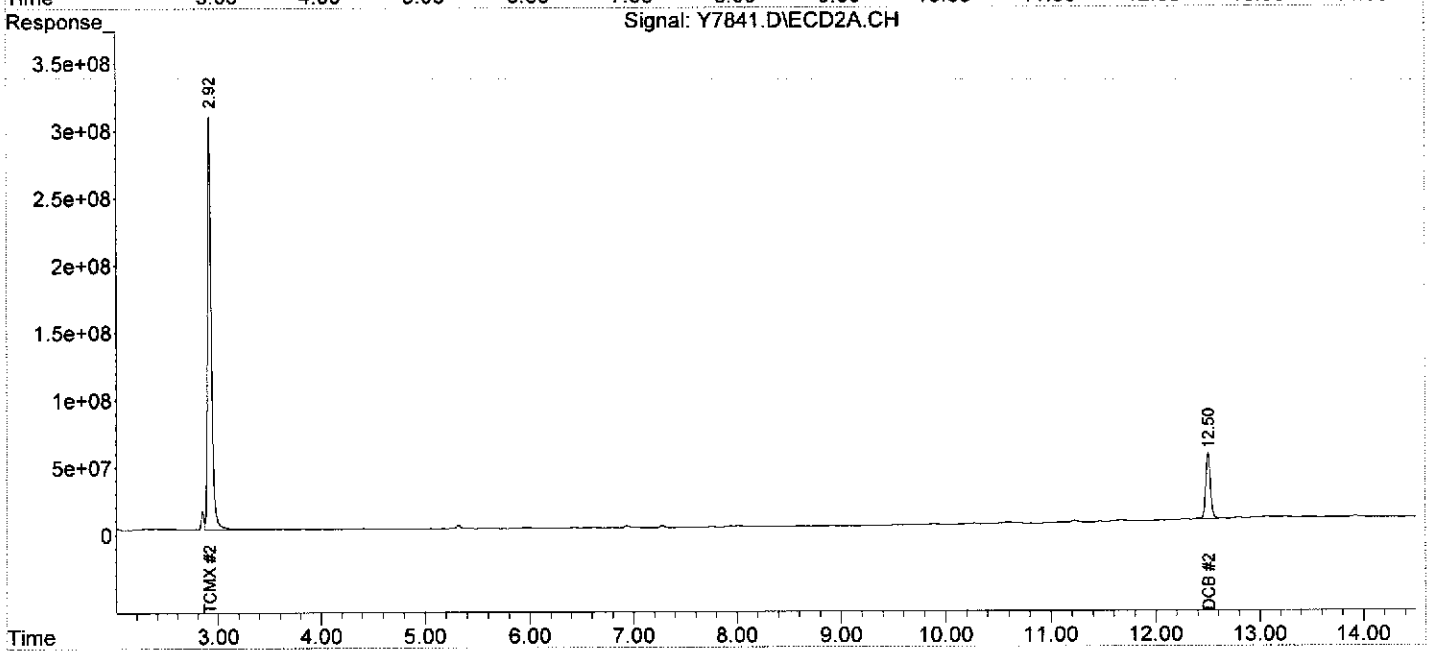
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7841.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 Aug 2012 23:11
Operator : YG
Sample : W-34(3.5-4,07371-053,S,5.33g,66.5,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:20:25 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 : Y7842.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 Aug 2012 23:28
Operator : YG
Sample : W-34(4.0-6,07371-054,S,5.53g,22.0,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:20:56 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						
1) S TCMX	2.83	2.92	21291.0E6	7222.3E6	223.949	206.633
Spiked Amount 200.000			Recovery	=	111.97%	103.32%
2) S DCB	12.11	12.50	3078.1E6	1354.0E6	149.365m	157.559m
Spiked Amount 200.000			Recovery	=	74.68%	78.78%
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

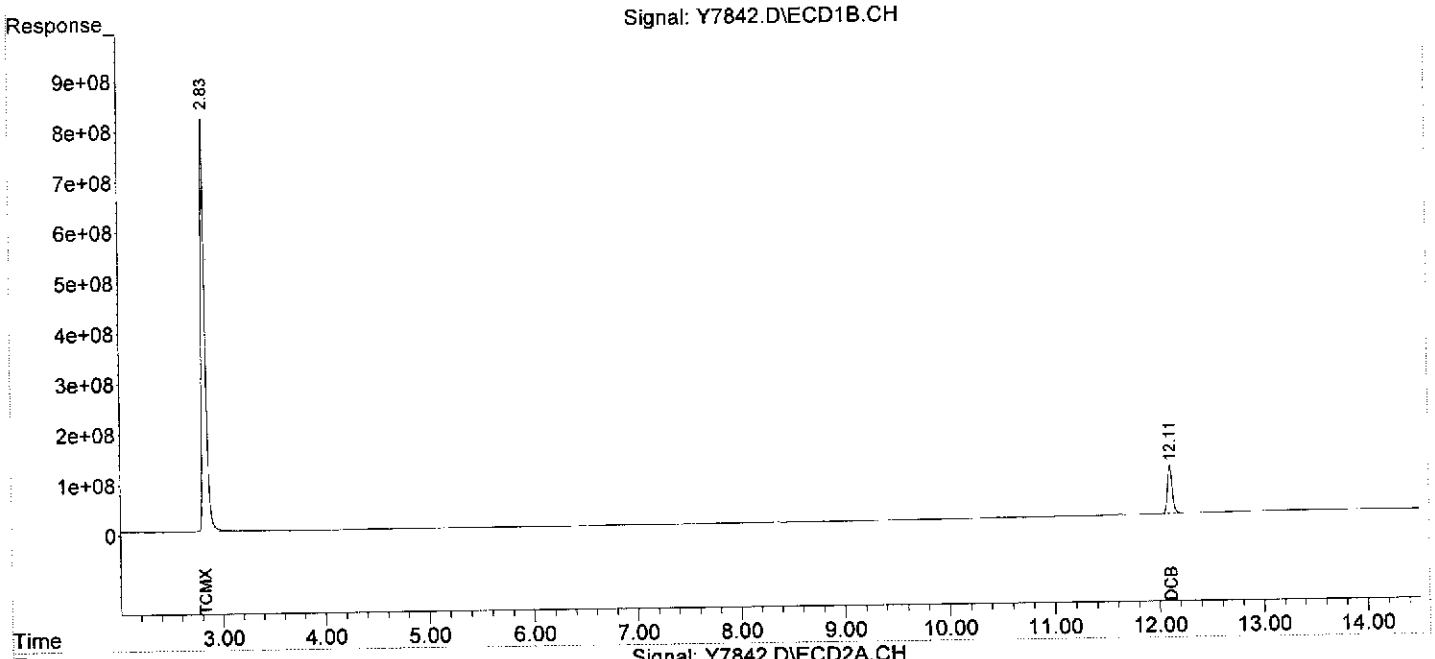
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

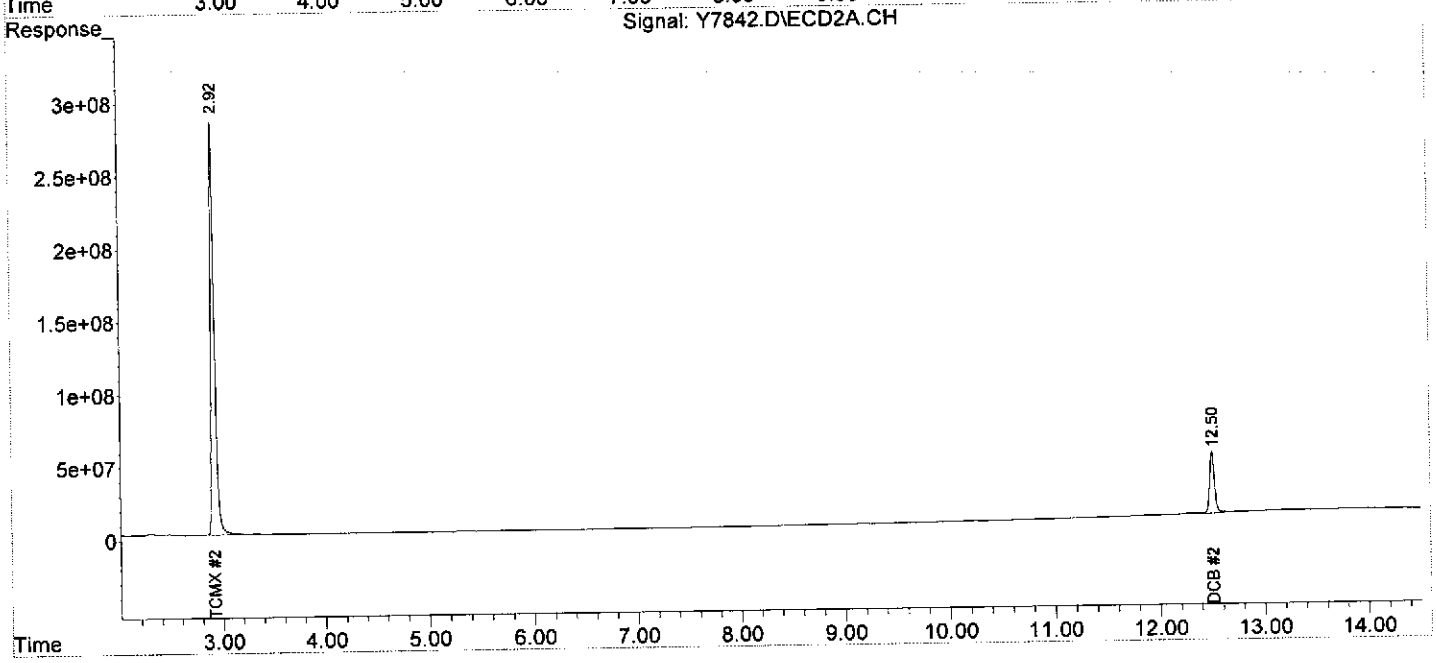
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7842.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 02 Aug 2012 23:28
Operator : YG
Sample : W-34(4.0-6,07371-054,S,5.53g,22.0,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:20:56 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\08-03-12\
Data File : Y7923.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 4:20
Operator : YG
Sample : X-33(0-2.0,07371-055,S,5.48g,19.7,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:47:17 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							
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	4.52	5.14	384.7E6	157.3E6	87.257	98.649	
24) L6 Aroclor-1248 {2}	5.05	5.72	336.1E6	367.1E6	138.653	156.723	
25) L6 Aroclor-1248 {3}	5.37	6.12	394.8E6	231.1E6	128.656	136.459	
26) L6 Aroclor-1248 {4}	6.07	6.28	1122.3E6	181.0E6	201.385	124.527	#
27) L6 Aroclor-1248 {5}	6.34	6.63	544.1E6	108.3E6	130.623	129.023	
Sum Aroclor-1248			2782.0E6	1044.9E6	686.574	645.381	
Average Aroclor-1248					137.315	129.076	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	8.34	7.88	1495.1E6	470.8E6	205.834	437.776	#
34) L8 Aroclor-1260 {2}	9.01	8.14	843.5E6	396.6E6	266.178	250.275	
35) L8 Aroclor-1260 {3}	9.49	9.73	2158.9E6	377.4E6	261.603	284.858	
36) L8 Aroclor-1260 {4}	9.97	10.23	788.7E6	833.2E6	190.835	288.711	#
37) L8 Aroclor-1260 {5}	11.02	10.82	606.3E6	588.2E6	360.249	289.389	
Sum Aroclor-1260			5892.5E6	2666.1E6	1284.699	1551.009	
Average Aroclor-1260					256.940	310.202	
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	

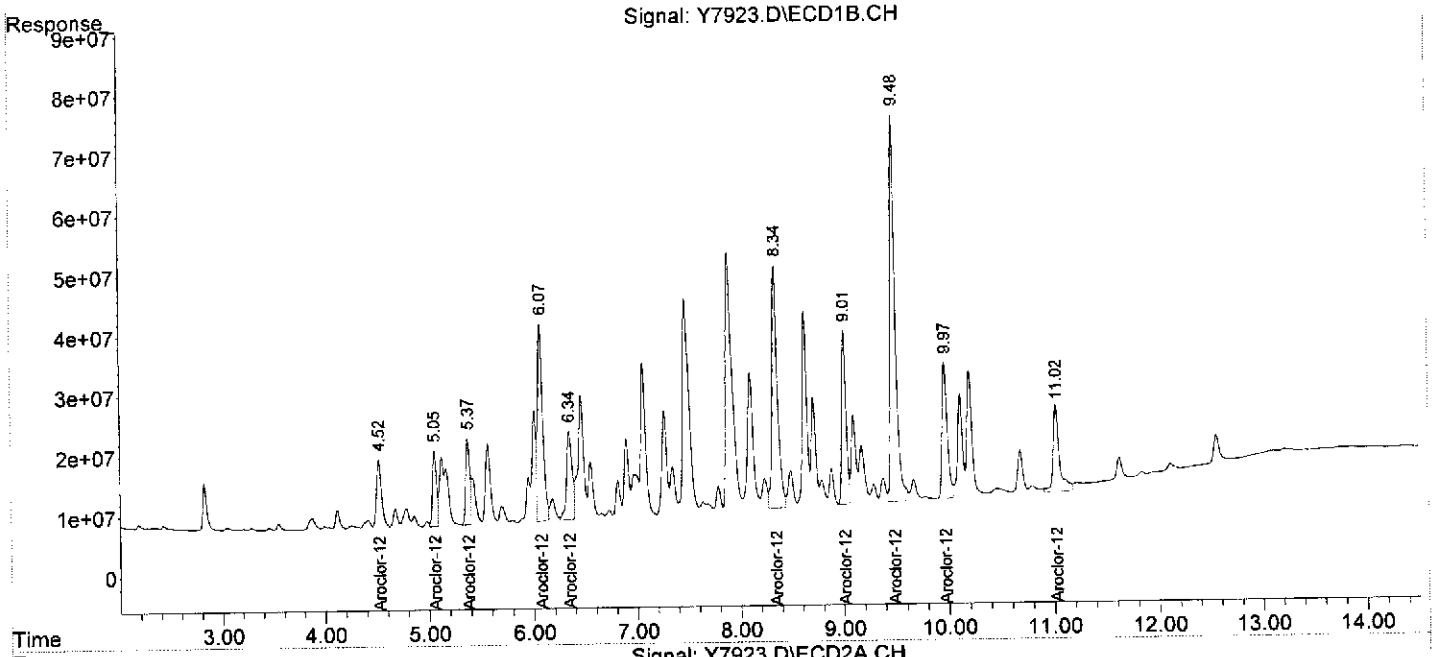
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

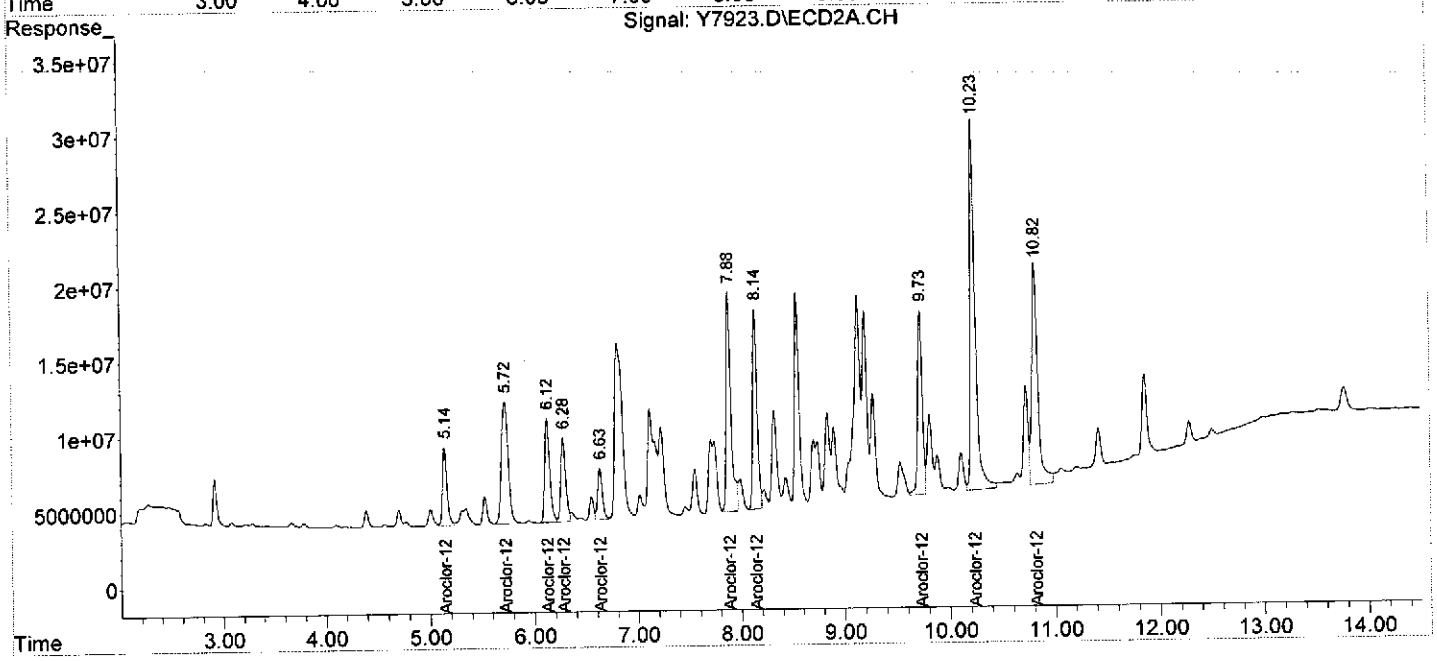
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7923.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 4:20
Operator : YG
Sample : X-33(0-2.0,07371-055,S,5.48g,19.7,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:47:17 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\08-03-12\
Data File : Y7924.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 4:37
Operator : YG
Sample : X-33(2.0-3,07371-056,S,5.06g,26.9,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,2
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:50:39 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	9106.0E6	5481.8E6	95.781	156.835m#
Spiked Amount 200.000				Recovery	=	47.89%	78.42%
2) S DCB		12.11	12.50	1467.7E6	573.6E6	71.218m	66.744
Spiked Amount 200.000				Recovery	=	35.61%	33.37%
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
38) L9 Aroclor-1262		8.63	9.72	4475.6E6	2144.1E6	580.118m	937.910 #
39) L9 Aroclor-1262	{2}	9.48	10.23	10330.1E6	5737.3E6	716.510m	1143.602 #
40) L9 Aroclor-1262	{3}	10.11	10.73	4628.2E6	2435.4E6	1487.904m	1471.830
41) L9 Aroclor-1262	{4}	10.20	10.81	5659.3E6	4972.4E6	931.454m	1455.848 #
42) L9 Aroclor-1262	{5}	11.02	11.41	3198.1E6	630.8E6	709.277m	1121.610 #
Sum Aroclor-1262				28291.2E6	15920.0E6	4425.262	6130.798
Average Aroclor-1262						885.052	1226.160
Sum Aroclor-1268				0	0	N.D.	N.D.
Average Aroclor-1268						0.000	0.000

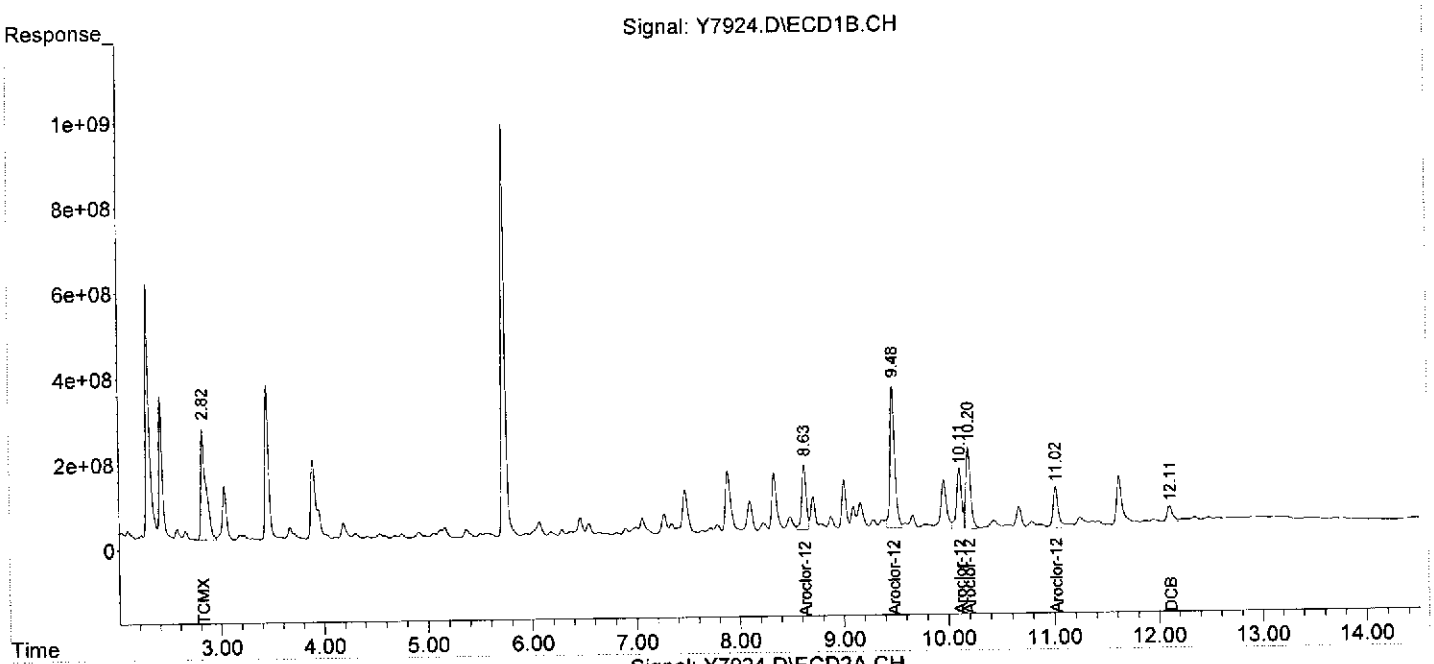
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

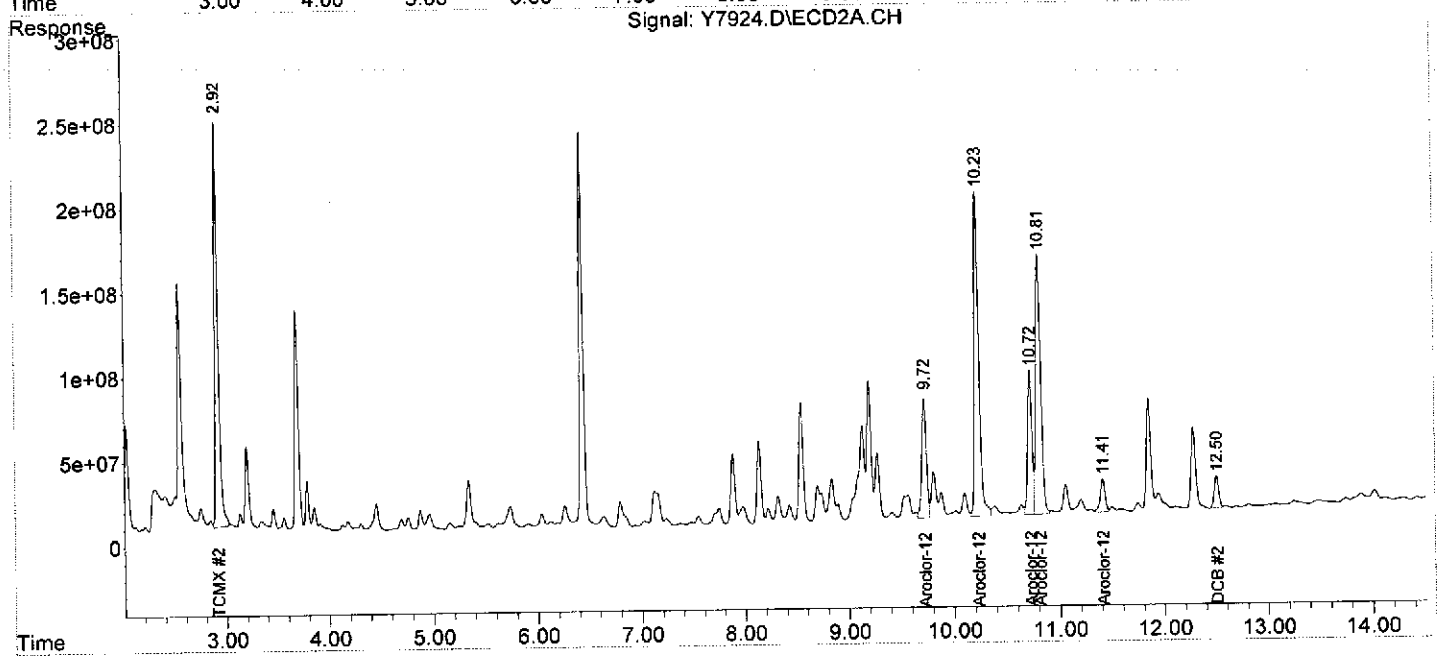
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : Y7924.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 04 Aug 2012 4:37
Operator : YG
Sample : X-33(2.0-3,07371-056,S,5.06g,26.9,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,2
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:50:39 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 : Y7845.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 00:20
Operator : YG
Sample : X-33(3.0-4,07371-057,S,5.08g,42.0,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:23:11 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						
1) S TCMX	2.83	2.92	13534.8E6	6035.2E6	142.366m	172.669m
Spiked Amount 200.000			Recovery	=	71.18%	86.33%
2) S DCB	12.11	12.51	2124.8E6	972.2E6	103.104m	113.133m
Spiked Amount 200.000			Recovery	=	51.55%	56.57%
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

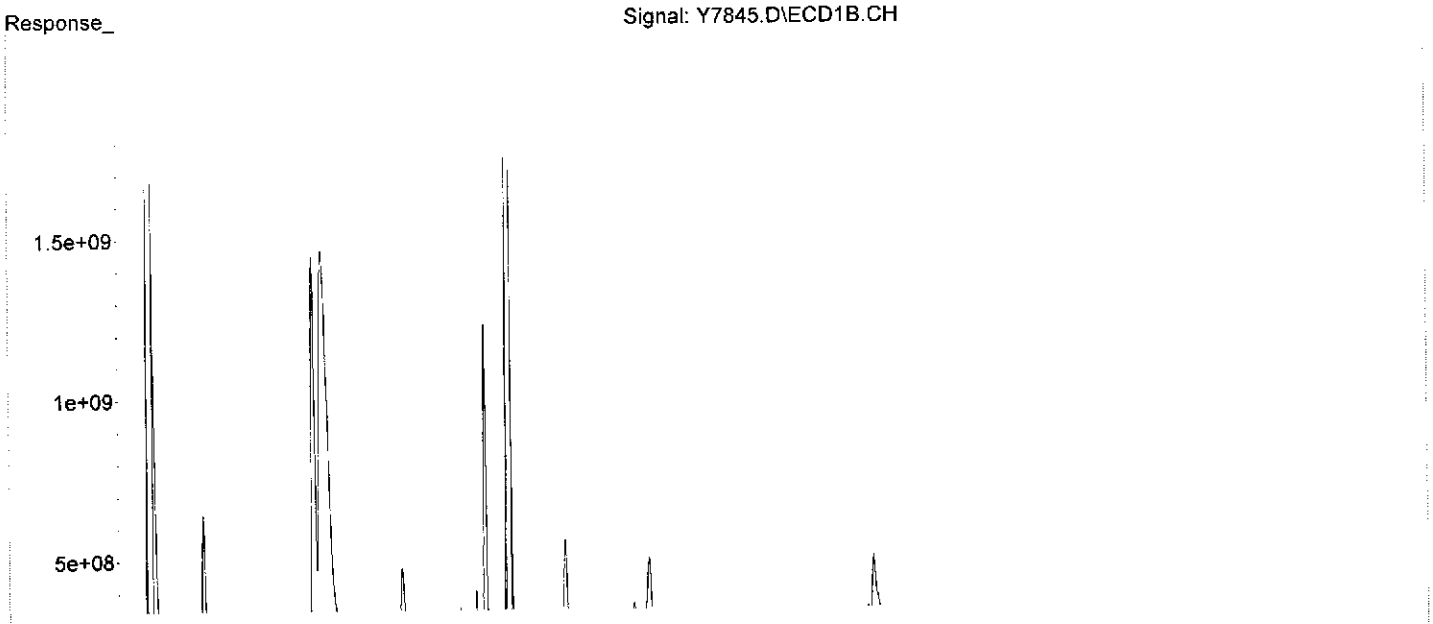
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

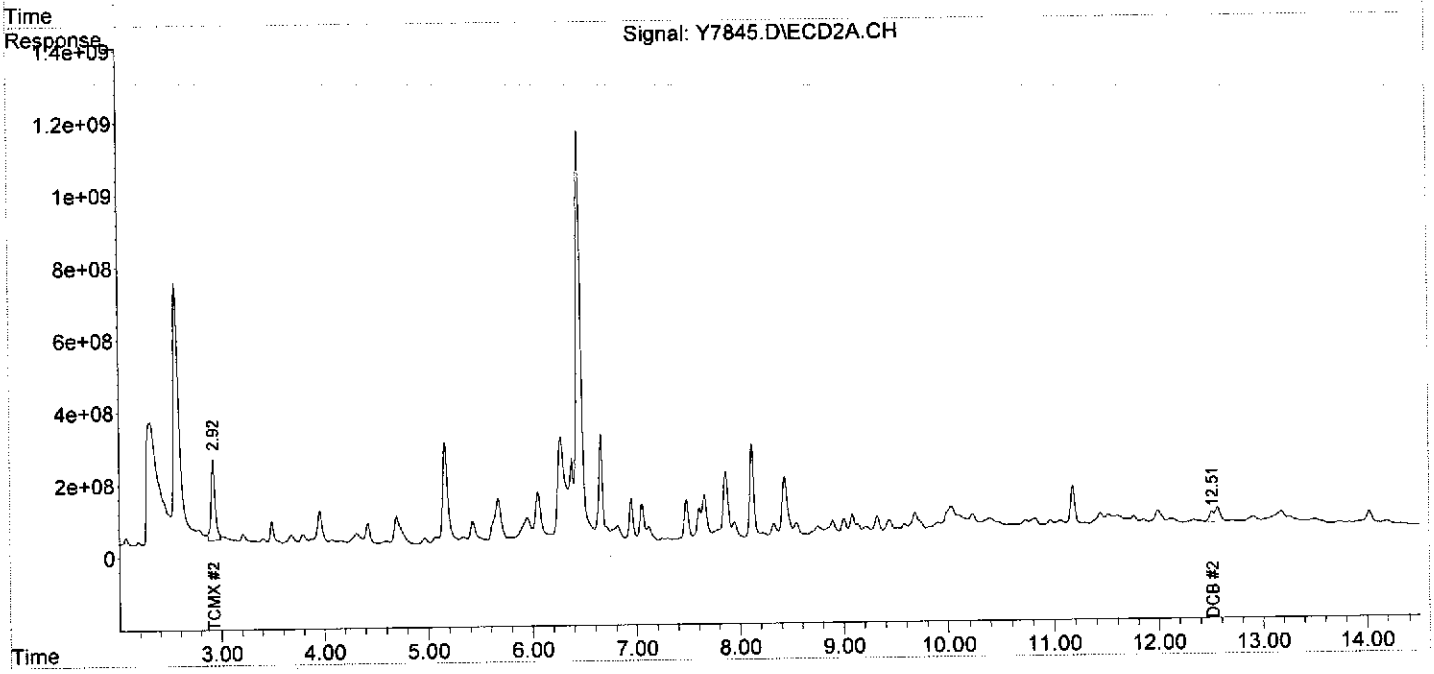
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7845.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 00:20
Operator : YG
Sample : X-33(3.0-4,07371-057,S,5.08g,42.0,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 15 Sample Multiplier: 1

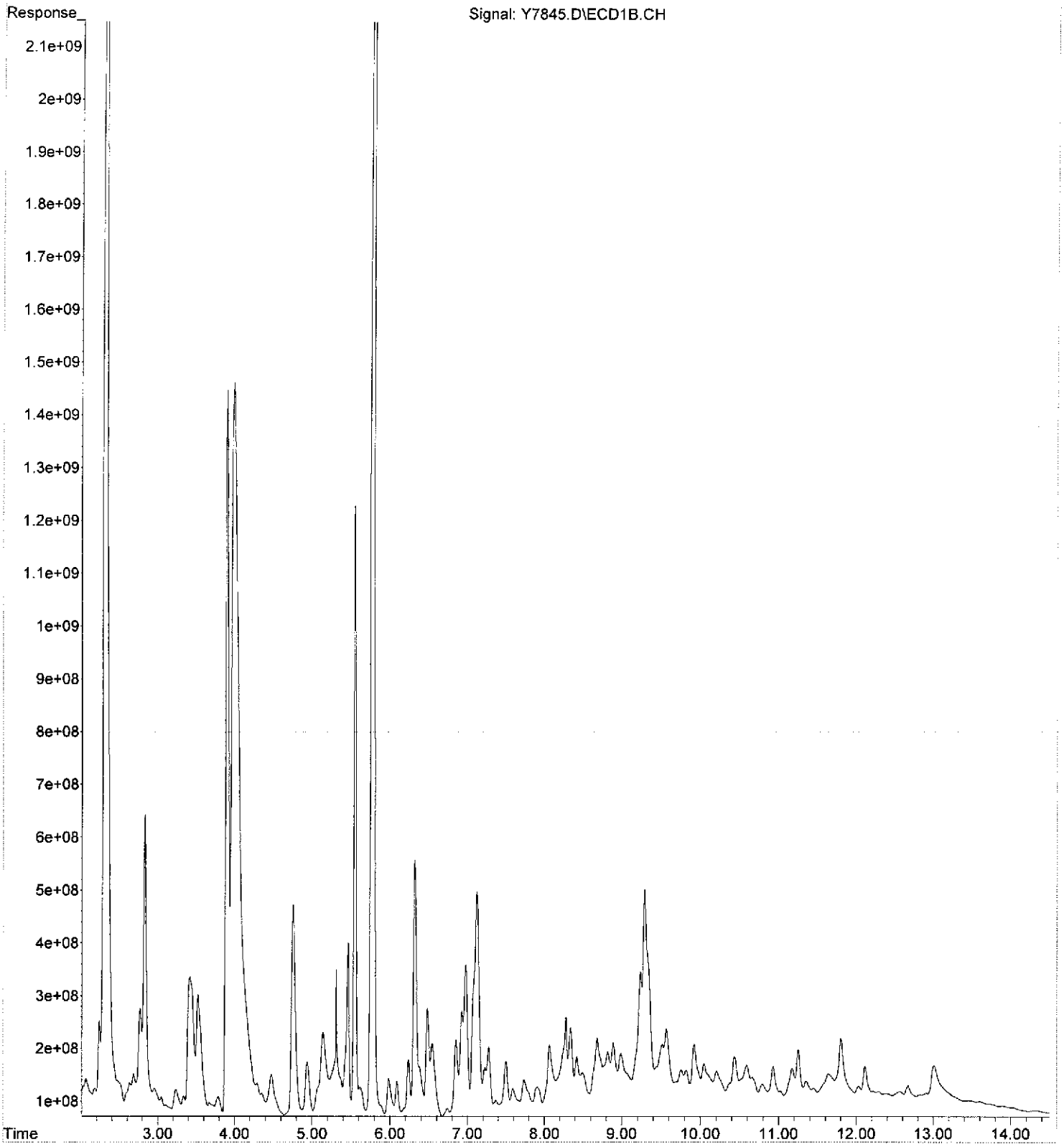
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:23:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-02-12\Y7845.D
Operator : YG
Acquired : 03 Aug 2012 00:20 using AcqMethod YPCB0727.M
Instrument : GC_Y
Sample Name: X-33(3.0-4,07371-057,S,5.08g,42.0,07/30/12,4
Misc Info : 120730-09,07/23/12,07/23/12,1
Vial Number: 15



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7846.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 00:37
Operator : YG
Sample : X-33(4.0-4,07371-058,S,5.73g,77.8,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:23:36 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	2.83	2.92	16015.1E6	6648.4E6	168.455	190.212
Spiked Amount 200.000			Recovery	=	84.23%	95.11%
2) S DCB	12.11	12.50	2471.2E6	1292.0E6	119.916m	150.350m#
Spiked Amount 200.000			Recovery	=	59.96%	75.17%
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
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

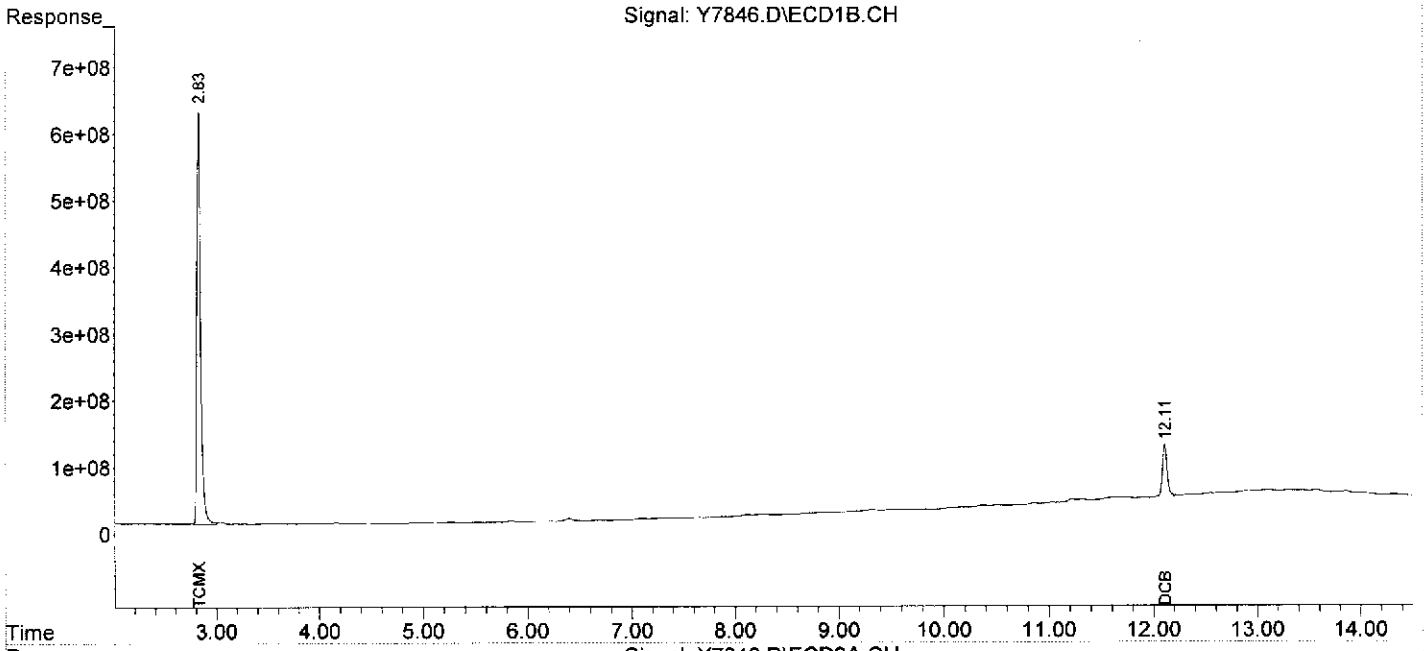
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

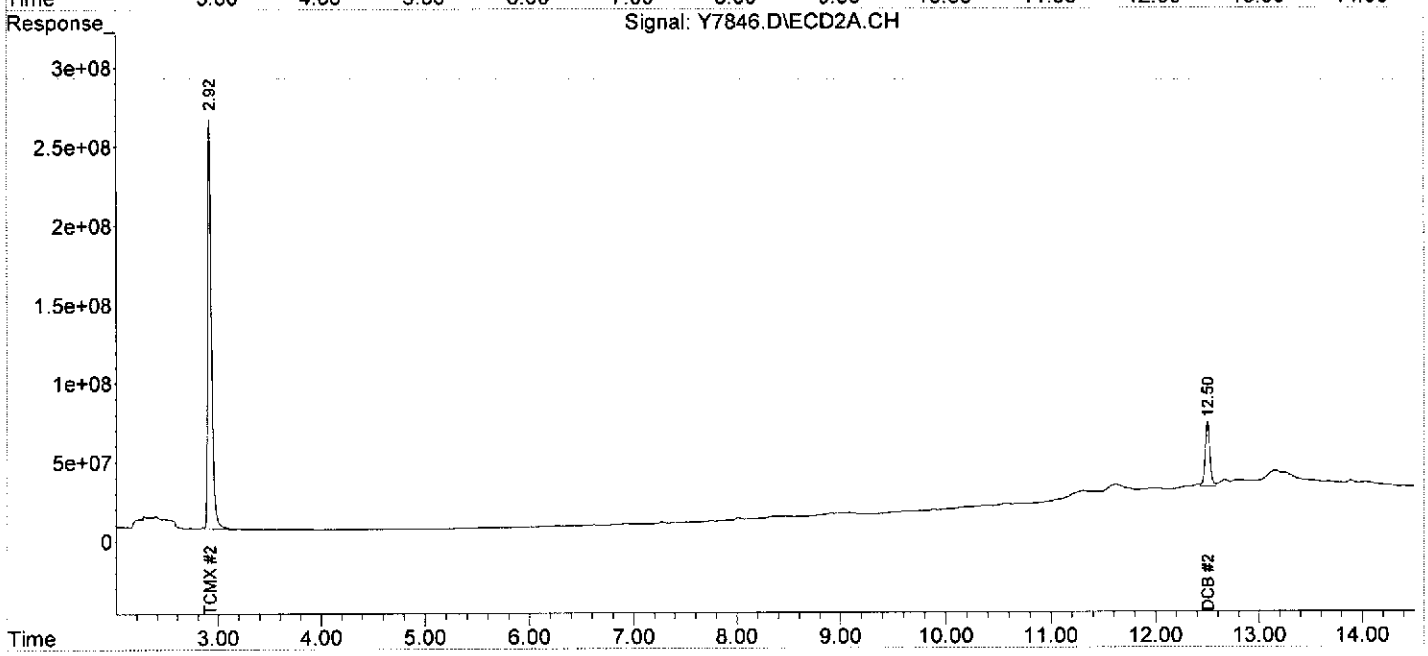
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7846.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 00:37
Operator : YG
Sample : X-33(4.0-4,07371-058,S,5.73g,77.8,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:23:36 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7847.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 00:54
Operator : YG
Sample : X-33(4.5-6,07371-059,S,5.06g,22.2,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:24:00 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	16126.6E6	6149.3E6	169.627	175.932
Spiked Amount 200.000			Recovery	=	84.81%	87.97%
2) S DCB	12.11	12.50	1940.3E6	1035.3E6	94.154m	120.479m#
Spiked Amount 200.000			Recovery	=	47.08%	60.24%
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

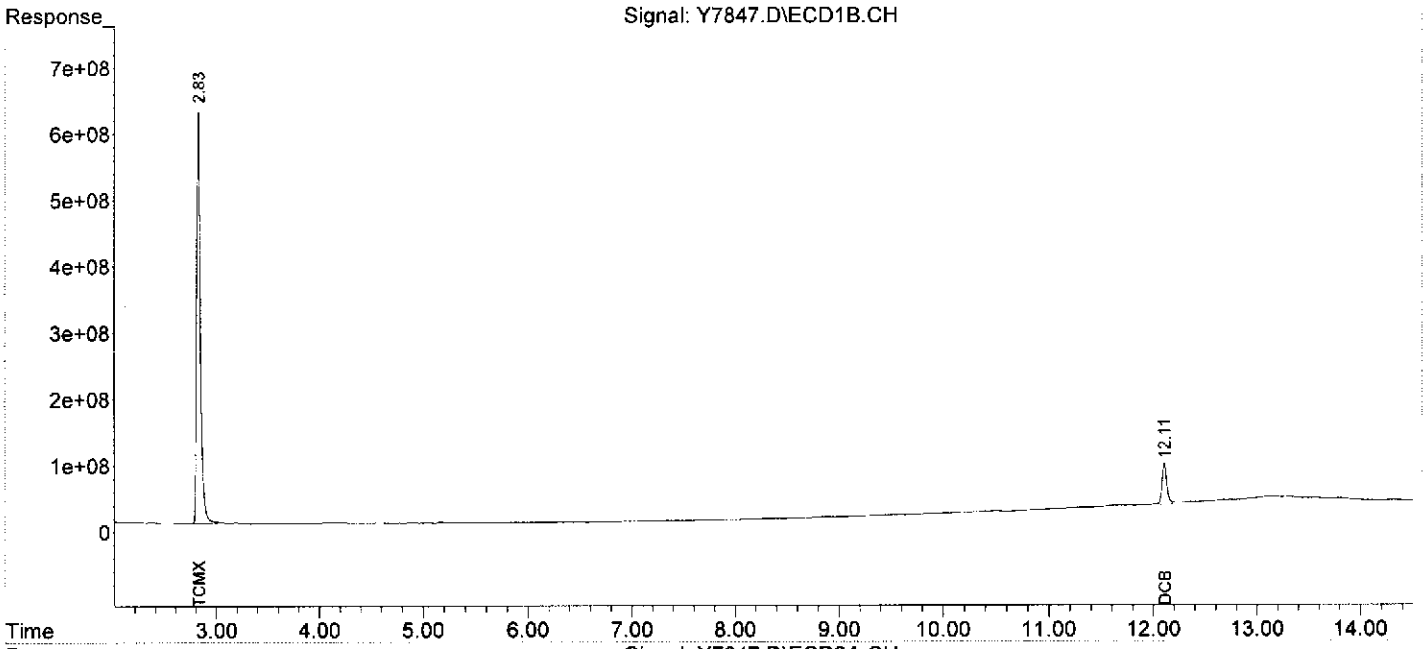
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

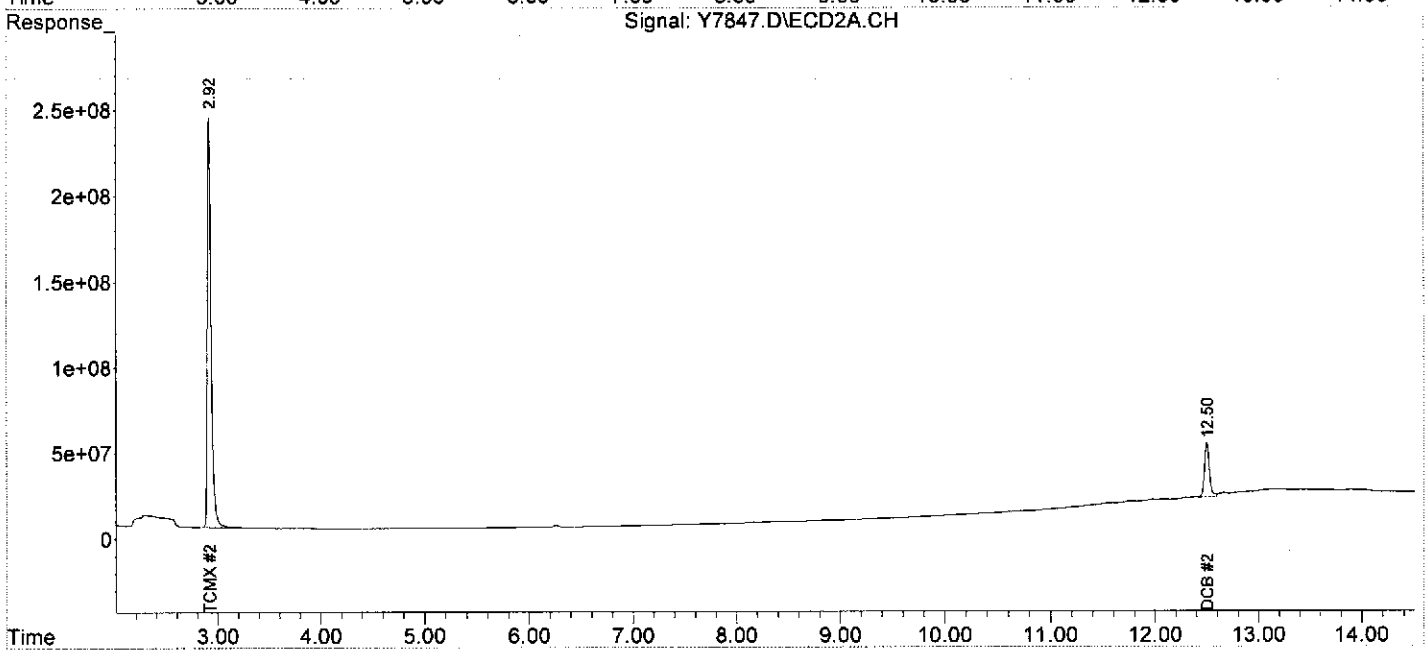
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-02-12\
Data File : Y7847.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 00:54
Operator : YG
Sample : X-33(4.5-6,07371-059,S,5.06g,22.2,07/30/12,4
Misc : 120730-09,07/23/12,07/23/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 09:24:00 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\07-31-12\
Data File : Y7725.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 31 Jul 2012 22:06
Operator : IB
Sample : FB-18,07371-060,A,1000ml,100,07/26/12,1
Misc : 120726-07,07/23/12,07/23/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 10:10:29 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	18722.5E6	6625.7E6	196.932	189.563
Spiked Amount 200.000			Recovery	=	98.47%	94.78%
2) S DCB	12.11	12.50	2423.8E6	1184.3E6	117.613m	137.809m
Spiked Amount 200.000			Recovery	=	58.81%	68.90%
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
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

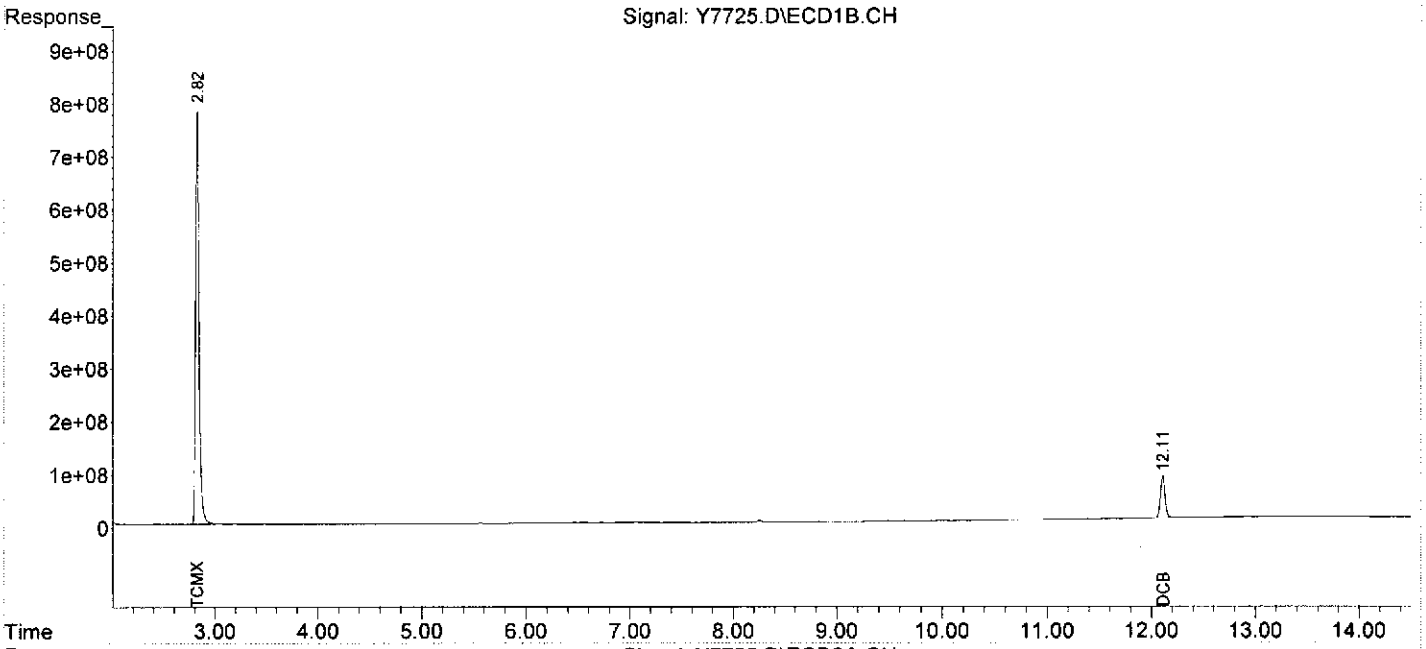
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

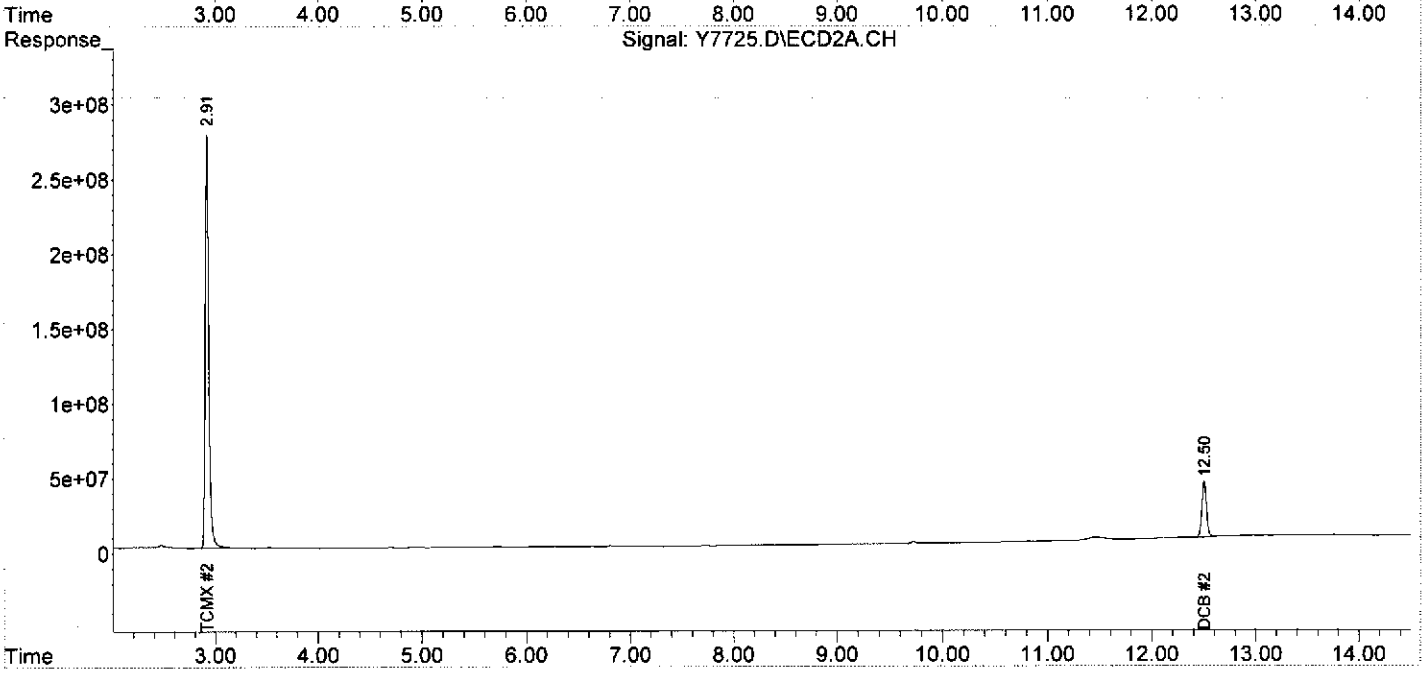
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\07-31-12\
Data File : Y7725.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 31 Jul 2012 22:06
Operator : IB
Sample : FB-18,07371-060,A,1000ml,100,07/26/12,1
Misc : 120726-07,07/23/12,07/23/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 01 10:10:29 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: 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

E12-07371 0280

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

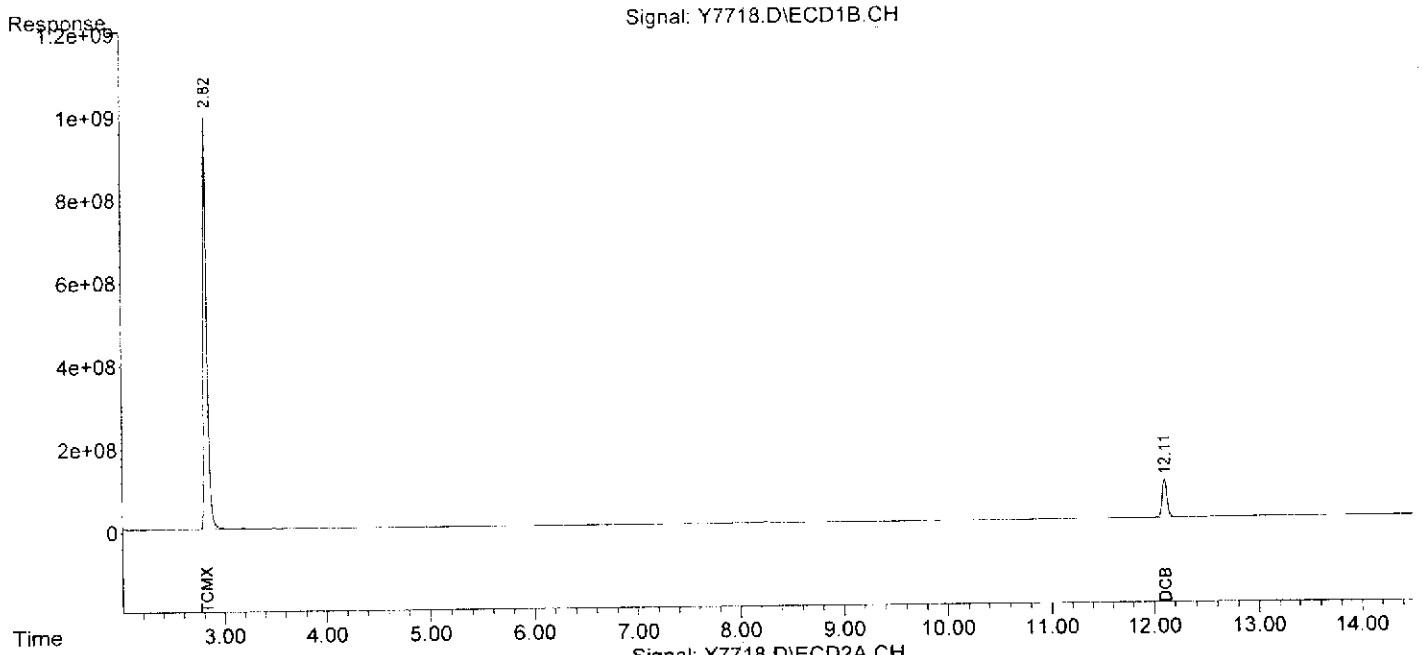
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

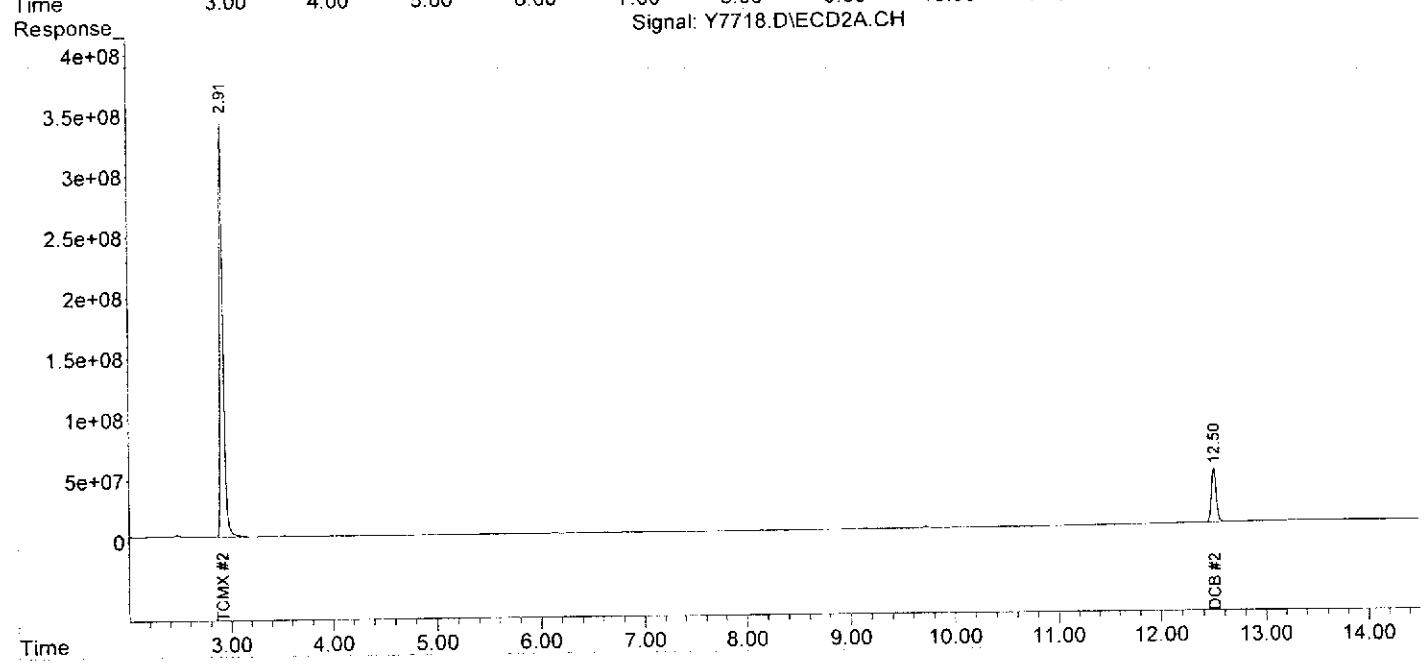
Quantitation Report (QT Reviewed)

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 #2 Phase:
Signal #1 Info : 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

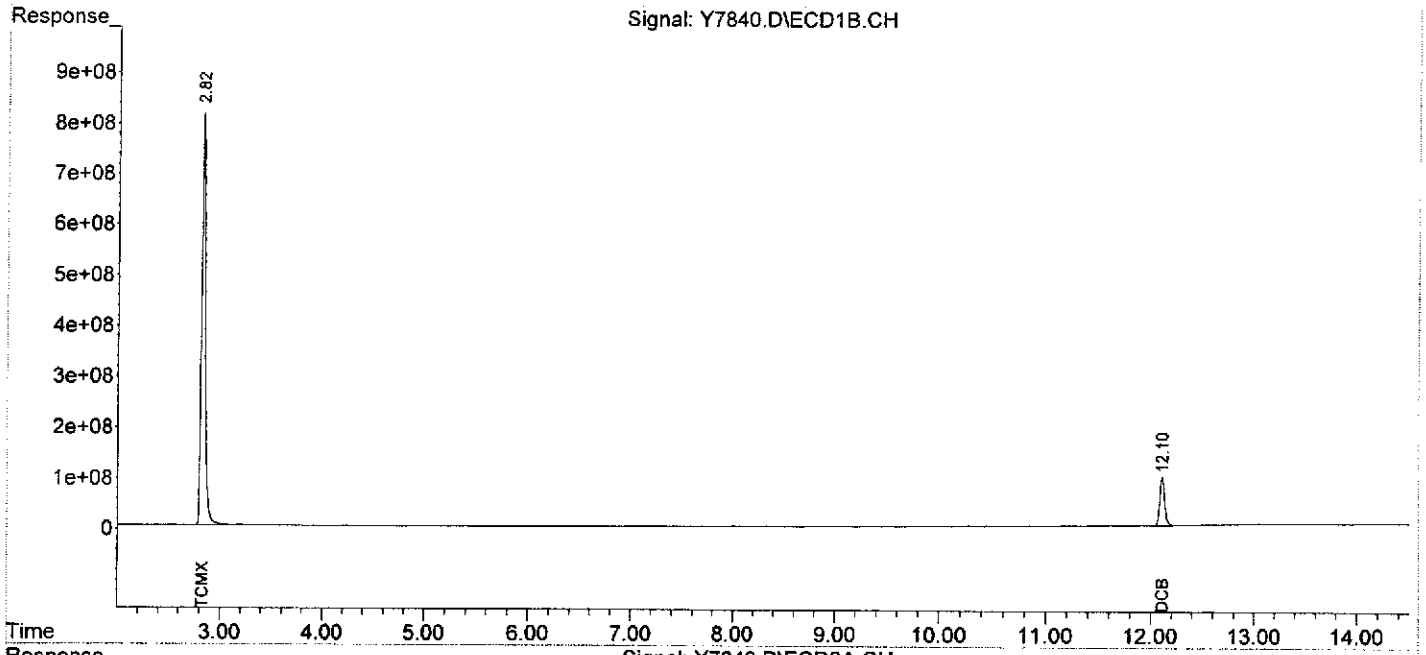
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

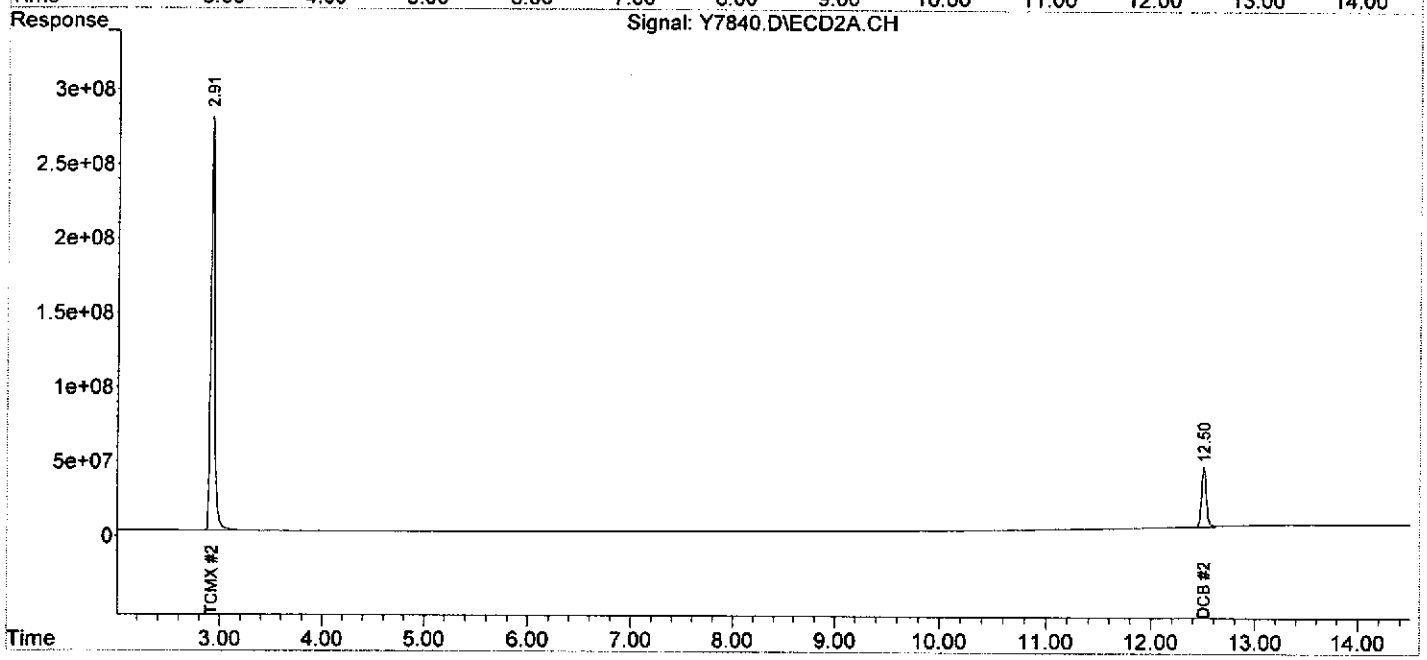
Quantitation Report (QT Reviewed)

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: BLKS120727-13
Client ID: PCB
Date Received: NA
Date Extracted: 07/27/2012
Date Analyzed: 08/03/2012
Data file: R2327.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\08-03-12\
Data File : R2327.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 19:09
Operator : YG
Sample : PCB,BLKS120727-13,S,5.00g,0,07/27/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 15:51:18 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						
1) S TCMX	3.47	3.39	43143.9E6	33268.4E6	251.103	231.111
Spiked Amount 200.000			Recovery	=	125.55%	115.56%
2) S DCB	13.10	13.19	12011.3E6	8166.2E6	205.763	203.869
Spiked Amount 200.000			Recovery	=	102.88%	101.93%
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

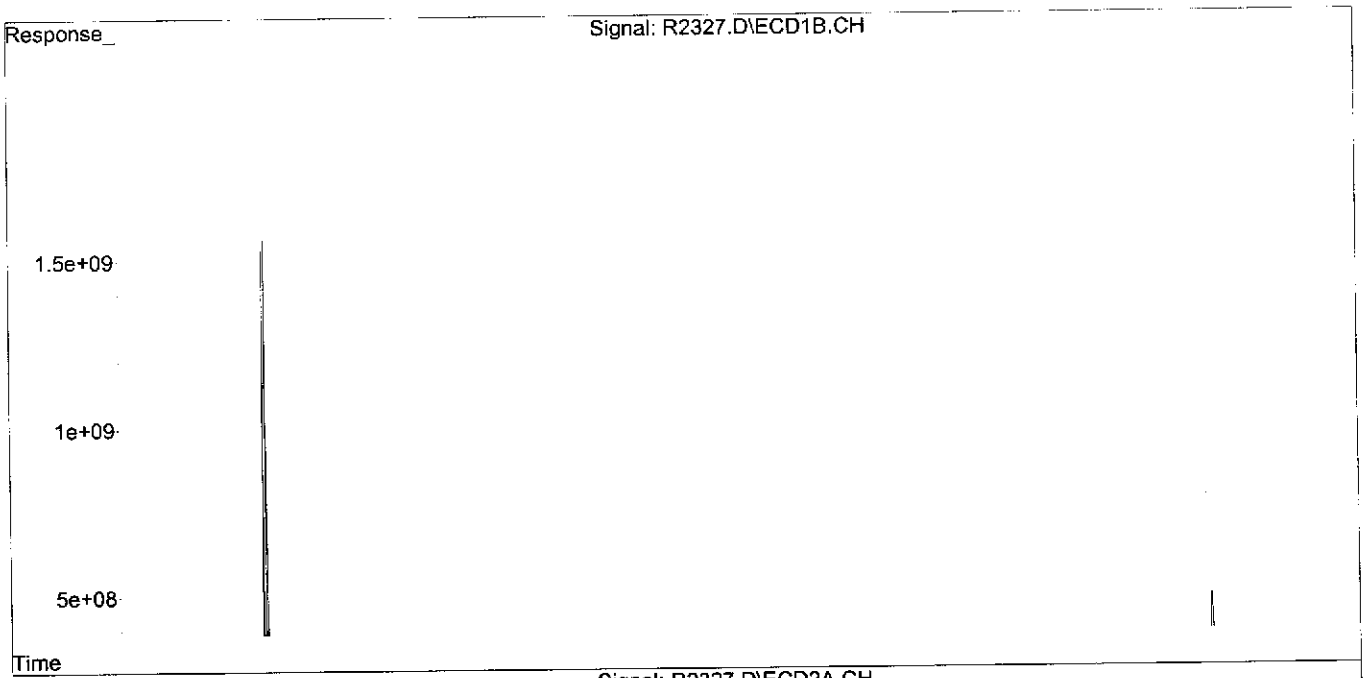
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

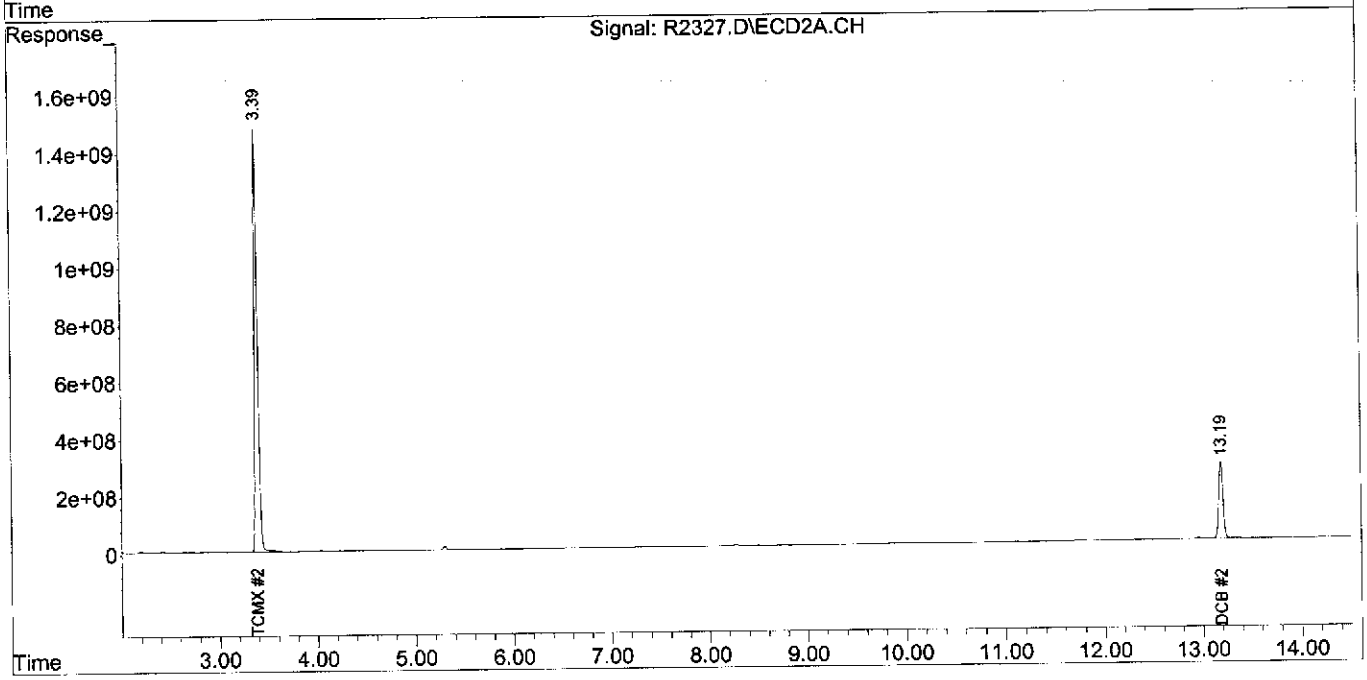
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-03-12\
Data File : R2327.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 03 Aug 2012 19:09
Operator : YG
Sample : PCB,BLKS120727-13,S,5.00g,0,07/27/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

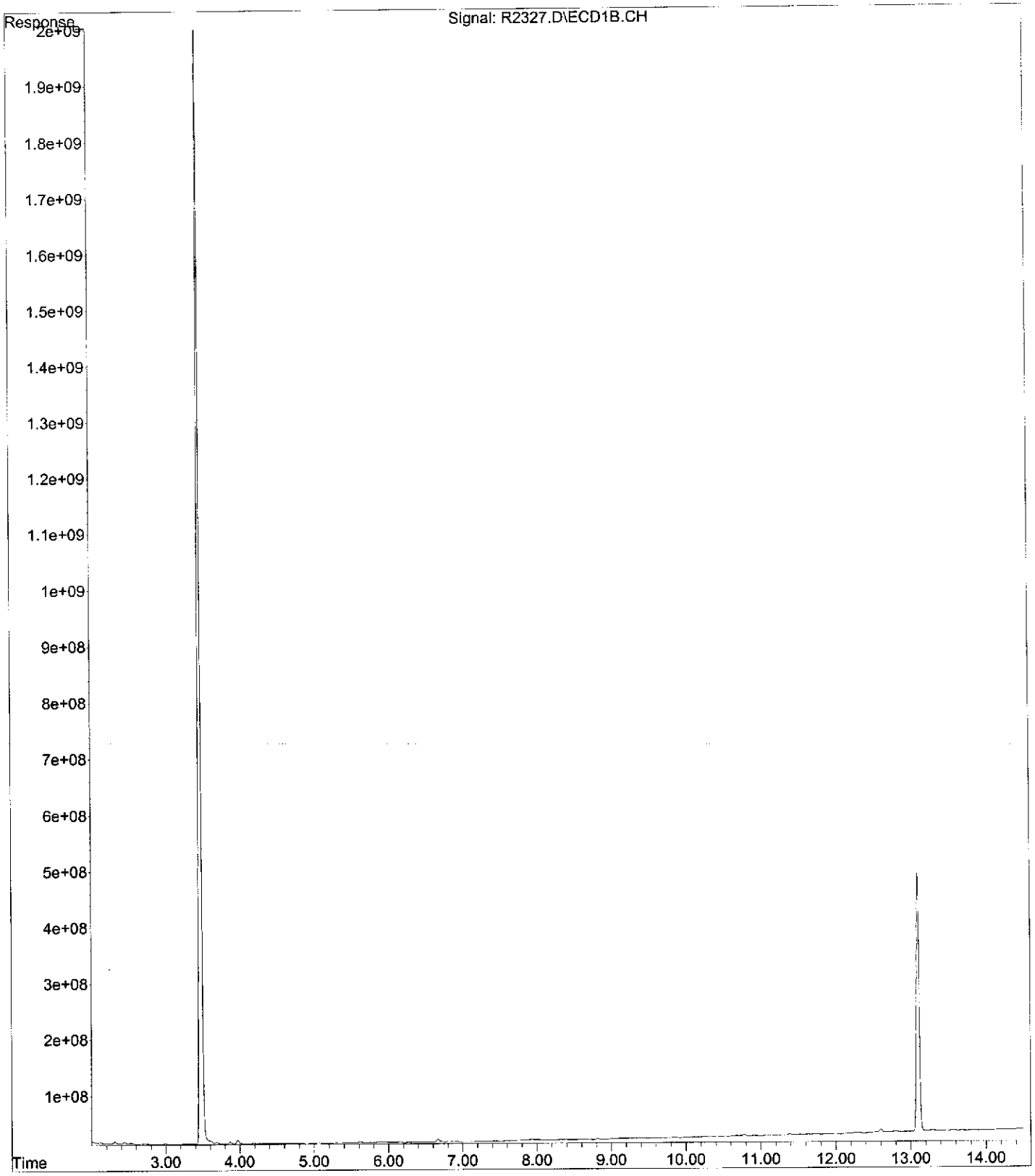
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 06 15:51:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-03-12\R2327.D
Operator : YG
Acquired : 03 Aug 2012 19:09 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: PCB,BLKS120727-13,S,5.00g,0,07/27/12,4
Misc Info : NA,NA,NA,1
Vial Number: 2



INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120730-03
Client ID: PCB
Date Received: NA
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2521.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 : R2521.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 18:29
Operator : YG
Sample : PCB,BLKS120730-03,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:47:37 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	38356.9E6	30593.2E6	223.242	212.526
Spiked Amount 200.000			Recovery	=	111.62%	106.26%
2) S DCB	13.10	13.19	8851.5E6	6071.7E6	151.633	151.580
Spiked Amount 200.000			Recovery	=	75.82%	75.79%
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

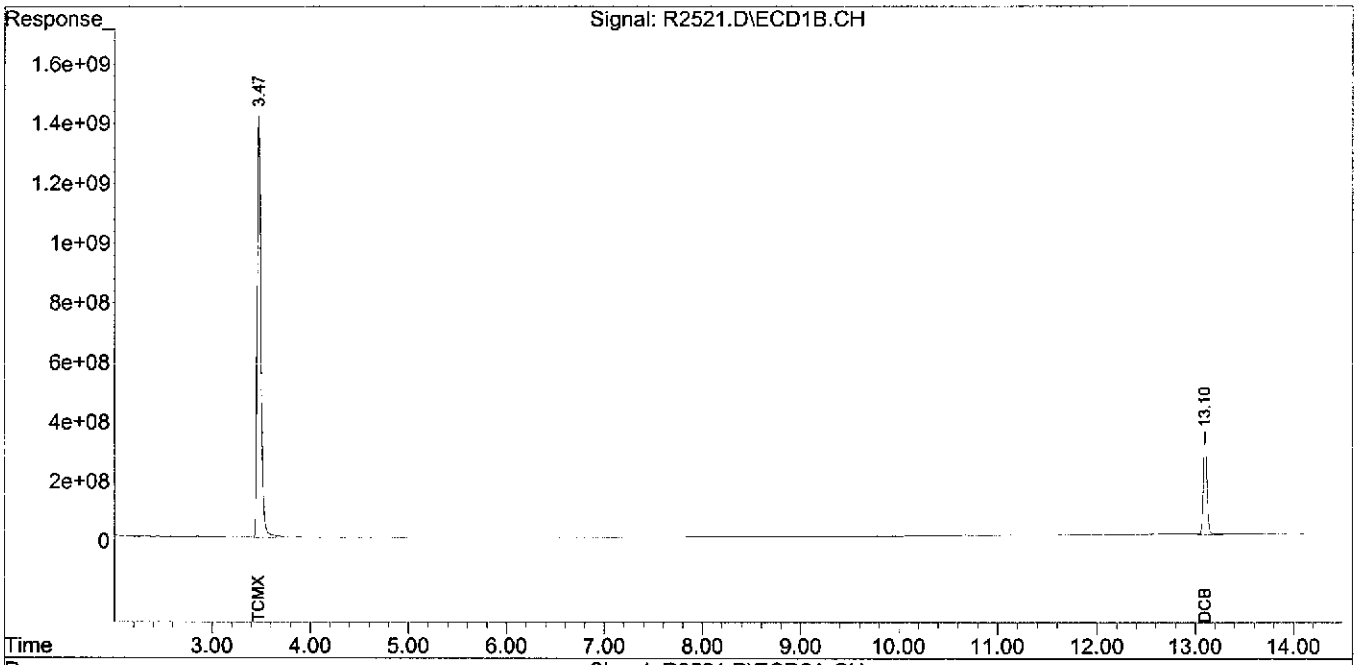
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

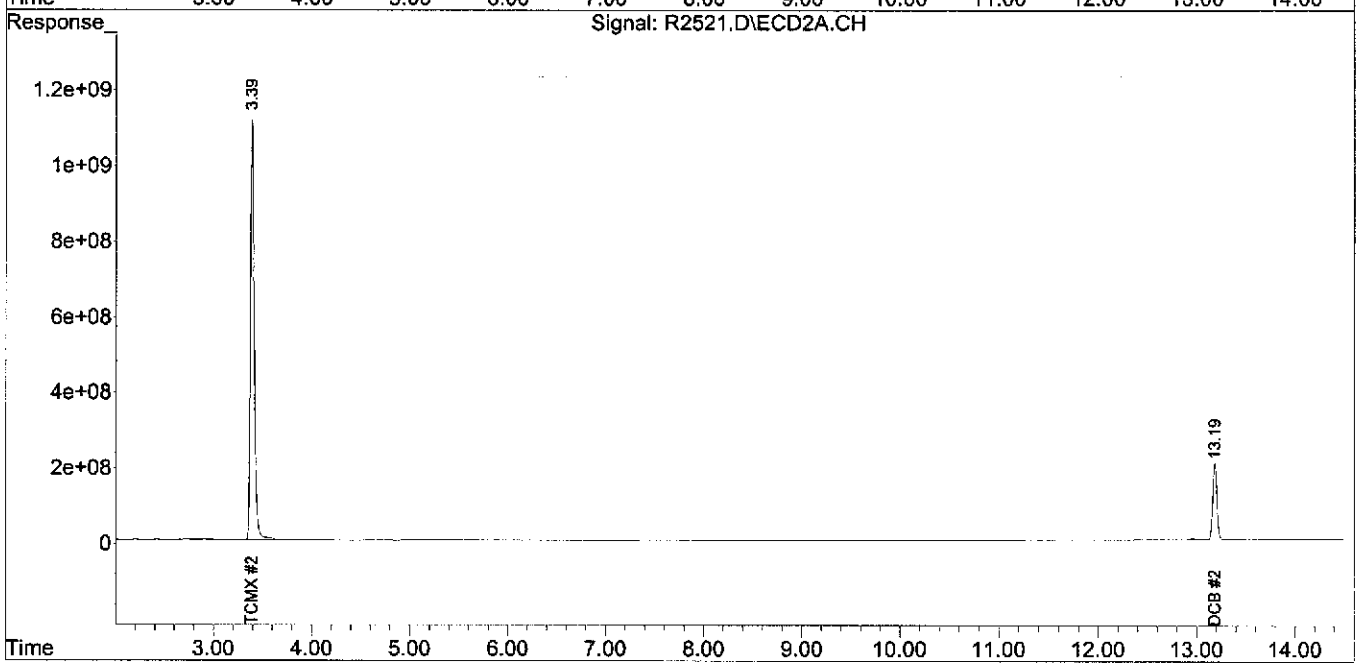
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-07-12\
Data File : R2521.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 18:29
Operator : YG
Sample : PCB,BLKS120730-03,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 11:47:37 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120730-04
Client ID: PCB
Date Received: NA
Date Extracted: 07/30/2012
Date Analyzed: 08/07/2012
Data file: R2495.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\08-06-12\
Data File : R2495.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 07 Aug 2012 6:55
Operator : YG
Sample : PCB,BLKS120730-04,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:27:04 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	40903.2E6	30187.0E6	238.062	209.704
Spiked Amount 200.000			Recovery	=	119.03%	104.85%
2) S DCB	13.10	13.18	9699.5E6	5745.4E6	166.161m	143.434m
Spiked Amount 200.000			Recovery	=	83.08%	71.72%
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\08-06-12\
Data File : R2495.D
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Operator : YG
Sample : PCB,BLKS120730-04,S,5.00g,0,07/30/12,4
Misc : NA,NA,NA,1
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 09 13:27:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
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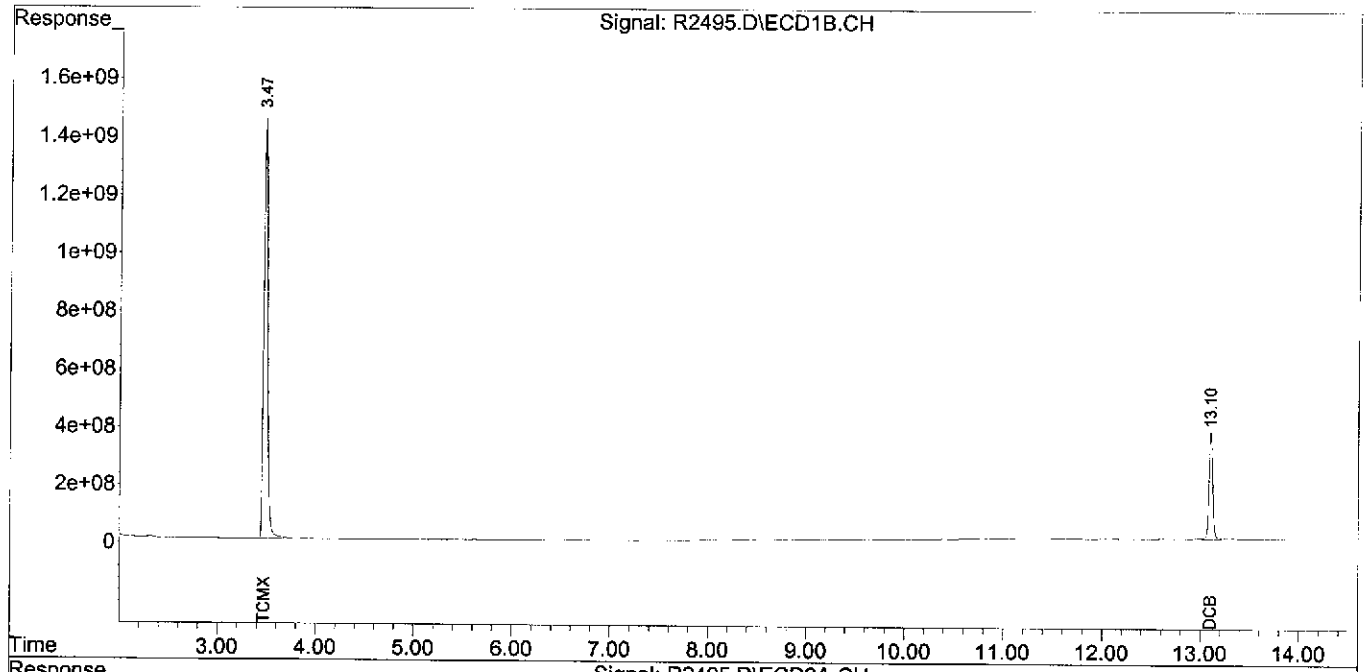
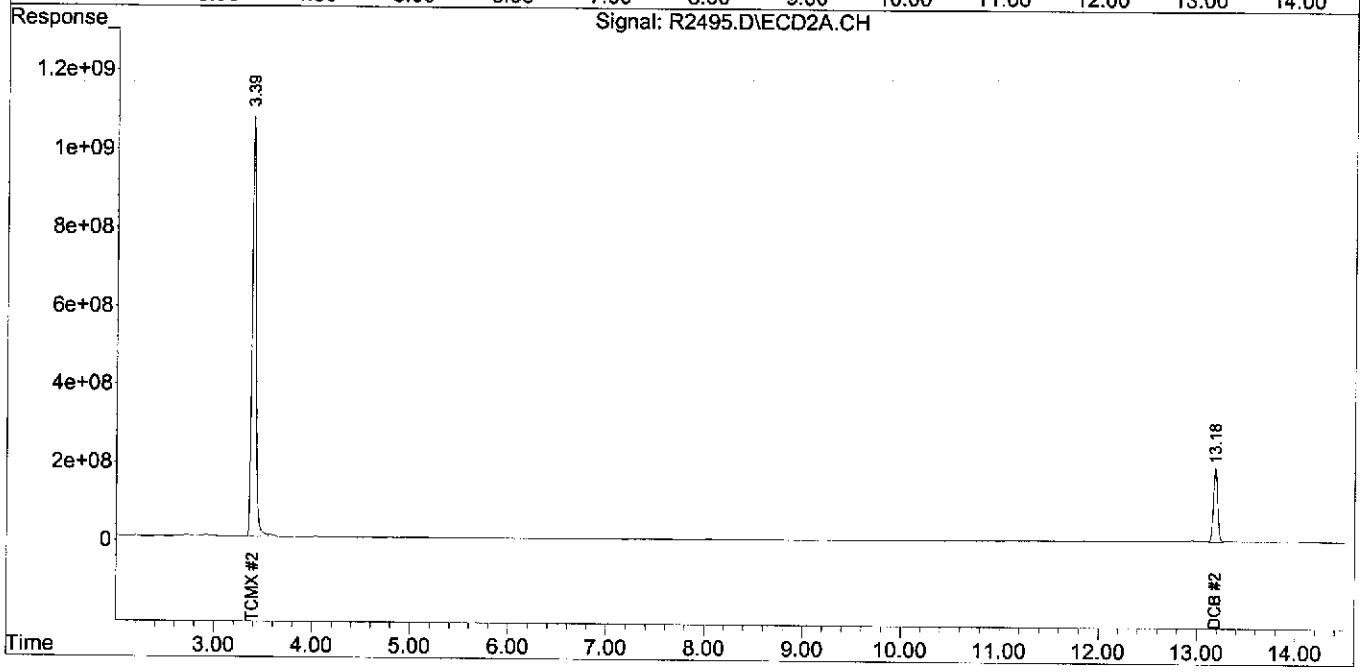
Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





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	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
W-30 (0-2.0')		7/23/12	9:59	S	1	1	X						
W-30 (2.0-3.25')			10:00	S	1	2	X						
W-30 (3.25-4.0')			10:01	S	1	3	X						
W-30 (4.0-6.0)			10:02	S	1	4	X						
W-32 (0-2.0)			10:40	S	1	5	X						
W-32 (2.0-4.0)			10:41	S	1	6	X						
W-32 (4.0-4.75')			10:42	S	1	7	X						
W-32 (4.75-6.0')			10:43	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:	7/23/12		Received by:	7/23/12	1620
Relinquished by:	7/23/12	1630	Received by:	7/23/12	1630
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07321

PAGE: 1 of 8

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0297 07371

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Integrated Analytical Laboratories LLC
Integrated Analytical Labs
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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	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NaOH/ZnAc	Sterile
W-33 (0-2.0')		7/23/12	10:53	S	1	9	X						
W-33 (2.0-4.0')			10:54	S	1	10	X						
W-33 (4.0'-5.25')			10:55	S	1	11	X						
W-33 (5.25'-6.0')			10:56	S	1	12	X						
V-33 (0-2.0')			11:02	S	1	13	X						
V-33 (2.0-4.0')			11:03	S	1	14	X						
V-33 (4.0-5.0')			11:04	S	1	15	X						
V-33 (5.0-6.0')			11:05	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:	7/23/12		Received by:	7/23/12	16[illegible]
Relinquished by:	7/23/12	1637	Received by:	7/23/12	1630
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07371

PAGE: 2 of 8

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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) — QAM825 (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

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
V-34 (0-2.0')		7/23/12	11:14	S	1	17	x						
V-34 (2.0-3.0')			11:15	S	1	18	x						
V-34 (3.0-4.0')			11:16	S	1	19	x						
V-34 (4.0-6.0')			11:17	S	1	20	x						
V-35 (0-2.0')			11:27	S	1	21	x						
V-35 (2.0-3.5')			11:28	S	1	22	x						
V-35 (3.5'-4.0')			11:29	S	1	23	x						
V-35 (4.0-6.0')			11:30	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:		7/23/12		Received by:		7/23/12	1620
Relinquished by:		7/23/12	1630	Received by:		7/23/12	1630
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 07371

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Sampler: Alton Hallgreen, Steve Koach	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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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 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	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZN Ac	Sterile
V-36 (0-2.0')		7/23/12	12:00	S	1	25	x						
V-36 (2.0-3.0')			12:01	S	1	26	x						
V-36 (3.0-4.0')			12:02	S	1	27	x						
V-36 (4.0-5.0')			12:03	S	1	28	x						
V-36 (5.0-6.0')			12:04	S	1	29	x						
V-37 (0-2.0)			1:29	S	1	30	x						
V-37 (2.0-3.0)			1:30	S	1	31	x						
V-37 (3.0-4.0)			1:31	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)

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Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	7/23/12		Received by:	7/23/12	16:30
Relinquished by:	7/23/12	1630	Received by:	7/23/12	1630
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07371

PAGE: 4 of 8

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Bottle Order #:	PO # 22126	
Quote # : SR041205		

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NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) | QAM025 (5 day TAT)

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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 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 Wi - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
V-37 (4.0-5.0)		7/23/12	1:32	S	1	33	x						
V-37 (5.0-6.0)			1:33	S	1	34	x						
W-37 (0-2.0')			1:51	S	1	35	x						
W-37 (2.0-3.0')			1:52	S	1	36	x						
W-37 (3.0-4.0')			1:53	S	1	37	x						
W-37 (4.0-5.0')			1:54	S	1	38	x						
W-37 (5.0-6.0')			1:55	S	1	39	x						
W-37 (6.0-8.0')			1:56	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
Relinquished by:	7/23/12		Received by:	7/23/12	1620
Relinquished by:	7/23/12	1630	Received by:	7/23/12	1630
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 07371

PAGE: 5 of 8

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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 °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
W-36 (0-2.0)		7/23/12	2:10	S	1	41	x						
W-36 (2.0-3.0)			2:11	S	1	42	x						
W-36 (3.0-3.25)			2:11	S	1	43	x						
W-36 (3.25-4.0)			2:12	S	1	44	x						
W-36 (4.0-6.0)			2:13	S	1	45	x						
W-35 (0-2.0)			2:27	S	1	46	x						
W-35 (2.0-4.0)			2:28	S	1	47	x						
W-35 (4.25-4.5)			2:29	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.

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Relinquished by:	7/23/12		Received by:	7/23/12	1620
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Relinquished by:			Received by:		
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Relinquished by:			Received by:		

Comments:

Lab Case # 07371

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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)

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PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

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SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# container s	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
W-35 (4.5-6.0')		7/23/12	2:30	S	1	49	X						
W-34 (0-1.0)			2:46	S	1	50	X						
W-34 (1.0-2.0')			2:47	S	1	51	X						
W-34 (2.0'-3.5')			2:48	S	1	52	X						
W-34 (3.5-4.0')			2:48	S	1	53	X						
W-34 (4.0'-6.0')			2:48	S	1	54	X						
X-33 (0-2.0')			2:08	S	1	55	X						
X-33 (2.0'-3.0')			3:09	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:				Received by:			
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Lab Case # 07371

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Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
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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 Kasch	Port Washington, NY 11050	
Project Name: Artsynco	(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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X-33 (4.0-4.5)		↓	3:11	S	1	58	x						
X-33 (4.5-6.0)		↓	3:12	S	1	59	x						
FB-18		↓	3:20	AQ	2	60	x						
							x						
							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)

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Signature/Company	Date	Time	Signature/Company	Date	Time
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Relinquished by:			Received by:		
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Lab Case # 07371

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PROJECT INFORMATION

E12-07371

Case No. E12-07371 **Project** ARSYNCO

Customer	**JMC Environmental Consultants**	**P.O. #**	22126
Contact	Jim Clabby	**Received**	7/23/2012 16:30
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co tadams@jmcenvironmental.com	**Verbal Due**	8/6/2012
Phone	(732) 295-7144 **Fax** (732) 295-2150	**Report Due**	8/13/2012

☑ EMail EDDs

Report To

2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742
Attn: Jim Clabby

Bill To

Accto Corp.
4 Tri Harbor Court
Port Washington, NY 11050
Attn: 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
07371-001	W-30(0-2.0)	0 / 2	7/23/2012@09:59	Soil	mg/Kg	1
07371-002	W-30(2.0-3.25)	2 / 3.25	7/23/2012@10:00	Soil	mg/Kg	1
07371-003	W-30(3.25-4.0)	3.25 / 4	7/23/2012@10:01	Soil	mg/Kg	1
07371-004	W-30(4.0-6.0)	4 / 6	7/23/2012@10:02	Soil	mg/Kg	1
07371-005	W-32(0-2.0)	0 / 2	7/23/2012@10:40	Soil	mg/Kg	1
07371-006	W-32(2.0-4.0)	2 / 4	7/23/2012@10:41	Soil	mg/Kg	1
07371-007	W-32(4.0-4.75)	4 / 4.75	7/23/2012@10:42	Soil	mg/Kg	1
07371-008	W-32(4.75-6.0)	4.75 / 6	7/23/2012@10:43	Soil	mg/Kg	1
07371-009	W-33(0-2.0)	0 / 2	7/23/2012@10:53	Soil	mg/Kg	1
07371-010	W-33(2.0-4.0)	2 / 4	7/23/2012@10:54	Soil	mg/Kg	1
07371-011	W-33(4.0-5.25)	4 / 5.25	7/23/2012@10:55	Soil	mg/Kg	1
07371-012	W-33(5.25-6.0)	5.25 / 6	7/23/2012@10:56	Soil	mg/Kg	1
07371-013	V-33(0-2.0)	0 / 2	7/23/2012@11:02	Soil	mg/Kg	1
07371-014	V-33(2.0-4.0)	2 / 4	7/23/2012@11:03	Soil	mg/Kg	1
07371-015	V-33(4.0-5.0)	4 / 5	7/23/2012@11:04	Soil	mg/Kg	1
07371-016	V-33(5.0-6.0)	5 / 6	7/23/2012@11:05	Soil	mg/Kg	1
07371-017	V-34(0-2.0)	0 / 2	7/23/2012@11:14	Soil	mg/Kg	1
07371-018	V-34(2.0-3.0)	2 / 3	7/23/2012@11:15	Soil	mg/Kg	1
07371-019	V-34(3.0-4.0)	3 / 4	7/23/2012@11:16	Soil	mg/Kg	1
07371-020	V-34(4.0-6.0)	4 / 6	7/23/2012@11:17	Soil	mg/Kg	1
07371-021	V-35(0-2.0)	0 / 2	7/23/2012@11:27	Soil	mg/Kg	1
07371-022	V-35(2.0-3.5)	2 / 3.5	7/23/2012@11:28	Soil	mg/Kg	1
07371-023	V-35(3.5-4.0)	3.5 / 4	7/23/2012@11:29	Soil	mg/Kg	1
07371-024	V-35(4.0-6.0)	4 / 6	7/23/2012@11:30	Soil	mg/Kg	1
07371-025	V-36(0-2.0)	0 / 2	7/23/2012@12:00	Soil	mg/Kg	1
07371-026	V-36(2.0-3.0)	2 / 3	7/23/2012@12:01	Soil	mg/Kg	1
07371-027	V-36(3.0-4.0)	3 / 4	7/23/2012@12:02	Soil	mg/Kg	1
07371-028	V-36(4.0-5.0)	4 / 5	7/23/2012@12:03	Soil	mg/Kg	1

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PROJECT INFORMATION

E12-07371

Case No. E12-07371 **Project** ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
07371-029	V-36(5.0-6.0)	5 / 6	7/23/2012@12:04	Soil	mg/Kg	1
07371-030	V-37(0-2.0)	0 / 2	7/23/2012@13:29	Soil	mg/Kg	1
07371-031	V-37(2.0-3.0)	2 / 3	7/23/2012@13:30	Soil	mg/Kg	1
07371-032	V-37(3.0-4.0)	3 / 4	7/23/2012@13:31	Soil	mg/Kg	1
07371-033	V-37(4.0-5.0)	4 / 5	7/23/2012@13:32	Soil	mg/Kg	1
07371-034	V-37(5.0-6.0)	5 / 6	7/23/2012@13:33	Soil	mg/Kg	1
07371-035	W-37(0-2.0)	0 / 2	7/23/2012@13:51	Soil	mg/Kg	1
07371-036	W-37(2.0-3.0)	2 / 3	7/23/2012@13:52	Soil	mg/Kg	1
07371-037	W-37(3.0-4.0)	3 / 4	7/23/2012@13:53	Soil	mg/Kg	1
07371-038	W-37(4.0-5.0)	4 / 5	7/23/2012@13:54	Soil	mg/Kg	1
07371-039	W-37(5.0-6.0)	5 / 6	7/23/2012@13:55	Soil	mg/Kg	1
07371-040	W-37(6.0-8.0)	6 / 8	7/23/2012@13:56	Soil	mg/Kg	1
07371-041	W-36(0-2.0)	0 / 2	7/23/2012@14:10	Soil	mg/Kg	1
07371-042	W-36(2.0-3.0)	2 / 3	7/23/2012@14:11	Soil	mg/Kg	1
07371-043	W-36(3.0-3.25)	3 / 3.25	7/23/2012@14:11	Soil	mg/Kg	1
07371-044	W-36(3.25-4.0)	3.25 / 4	7/23/2012@14:12	Soil	mg/Kg	1
07371-045	W-36(4.0-6.0)	4 / 6	7/23/2012@14:13	Soil	mg/Kg	1
07371-046	W-35(0-2.0)	0 / 2	7/23/2012@14:27	Soil	mg/Kg	1
07371-047	W-35(2.0-4.0)	2 / 4	7/23/2012@14:28	Soil	mg/Kg	1
07371-048	W-35(4.25-4.5)	4.25 / 4.5	7/23/2012@14:29	Soil	mg/Kg	1
07371-049	W-35(4.5-6.0)	4.5 / 6	7/23/2012@14:30	Soil	mg/Kg	1
07371-050	W-34(0-1.0)	0 / 1	7/23/2012@14:46	Soil	mg/Kg	1
07371-051	W-34(1.0-2.0)	1 / 2	7/23/2012@14:47	Soil	mg/Kg	1
07371-052	W-34(2.0-3.5)	2 / 3.5	7/23/2012@14:48	Soil	mg/Kg	1
07371-053	W-34(3.5-4.0)	3.5 / 4	7/23/2012@14:48	Soil	mg/Kg	1
07371-054	W-34(4.0-6.0)	4 / 6	7/23/2012@14:48	Soil	mg/Kg	1
07371-055	X-33(0-2.0)	0 / 2	7/23/2012@15:08	Soil	mg/Kg	1
07371-056	X-33(2.0-3.0)	2 / 3	7/23/2012@15:09	Soil	mg/Kg	1
07371-057	X-33(3.0-4.0)	3 / 4	7/23/2012@15:10	Soil	mg/Kg	1
07371-058	X-33(4.0-4.5)	4 / 4.5	7/23/2012@15:11	Soil	mg/Kg	1
07371-059	X-33(4.5-6.0)	4.5 / 6	7/23/2012@15:12	Soil	mg/Kg	1
07371-060	FB-18	n/a	7/23/2012@15:20	Aqueous	mg/L	2

Sample #	Tests	Status	QA Method
001	TCL PCB	Complete	8082
002	TCL PCB	Complete	8082
003	TCL PCB	Complete	8082
004	TCL PCB	Complete	8082
005	TCL PCB	Complete	8082
006	TCL PCB	Complete	8082
007	TCL PCB	Complete	8082
008	TCL PCB	Complete	8082
009	TCL PCB	Complete	8082
010	TCL PCB	Complete	8082

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PROJECT INFORMATION

E12-07371

Case No. E12-07371 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
011	TCL PCB	Complete	8082
012	TCL PCB	Complete	8082
013	TCL PCB	Complete	8082
014	TCL PCB	Complete	8082
015	TCL PCB	Complete	8082
016	TCL PCB	Complete	8082
017	TCL PCB	Complete	8082
018	TCL PCB	Complete	8082
019	TCL PCB	Complete	8082
020	TCL PCB	Complete	8082
021	TCL PCB	Complete	8082
022	TCL PCB	Complete	8082
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027	TCL PCB	Complete	8082
028	TCL PCB	Complete	8082
029	TCL PCB	Complete	8082
030	TCL PCB	Complete	8082
031	TCL PCB	Complete	8082
032	TCL PCB	Complete	8082
033	TCL PCB	Complete	8082
034	TCL PCB	Complete	8082
035	TCL PCB	Complete	8082
036	TCL PCB	Complete	8082
037	TCL PCB	Complete	8082
038	TCL PCB	Complete	8082
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040	TCL PCB	Complete	8082
041	TCL PCB	Complete	8082
042	TCL PCB	Complete	8082
043	TCL PCB	Complete	8082
044	TCL PCB	Complete	8082
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046	TCL PCB	Complete	8082
047	TCL PCB	Complete	8082
048	TCL PCB	Complete	8082
049	TCL PCB	Complete	8082
050	TCL PCB	Complete	8082
051	TCL PCB	Complete	8082
052	TCL PCB	Complete	8082
053	TCL PCB	Complete	8082
054	TCL PCB	Complete	8082
055	TCL PCB	Complete	8082
056	TCL PCB	Complete	8082
057	TCL PCB	Complete	8082
058	TCL PCB	Complete	8082

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PROJECT INFORMATION

E12-07371

Case No. E12-07371 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
059	TCL PCB	Complete	8082
060	TCL PCB	Complete	8082

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **07371** 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[1]	
[ ]	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 7/23/12

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 7/25/12

E12-07371 0309

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.

E12-07371

Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/23/2012@16:30

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	07371-001	Soil	7/27/12	Archimede	8/ 3/12	Julia
"	-002	"	7/27/12	Archimede	8/ 3/12	Julia
"	-003	"	7/27/12	Archimede	8/ 3/12	Julia
"	-004	"	7/27/12	Archimede	8/ 3/12	Julia
"	-005	"	7/27/12	Archimede	8/ 3/12	Julia
"	-006	"	7/27/12	Archimede	8/ 3/12	Julia
"	-007	"	7/27/12	Archimede	8/ 3/12	Julia
"	-008	"	7/27/12	Archimede	8/ 3/12	Julia
"	-009	"	7/27/12	Archimede	8/ 4/12	Julia
"	-010	"	7/27/12	Archimede	8/ 4/12	Julia
"	-011	"	7/27/12	Archimede	8/ 4/12	Julia
"	-012	"	7/27/12	Archimede	8/ 4/12	Julia
"	-013	"	7/30/12	Archimede	8/ 6/12	Julia
"	-014	"	7/30/12	Archimede	8/ 6/12	Julia
"	-015	"	7/30/12	Archimede	8/ 6/12	Julia
"	-016	"	7/30/12	Archimede	8/ 6/12	Julia
"	-017	"	7/30/12	Archimede	8/ 6/12	Julia
"	-018	"	7/30/12	Archimede	8/ 6/12	Julia
"	-019	"	7/30/12	Archimede	8/ 6/12	Julia
"	-020	"	7/30/12	Archimede	8/ 6/12	Julia
"	-021	"	7/30/12	Archimede	8/ 6/12	Julia
"	-022	"	7/30/12	Archimede	8/ 6/12	Julia
"	-023	"	7/30/12	Archimede	8/ 6/12	Julia
"	-024	"	7/30/12	Archimede	8/ 6/12	Julia
"	-025	"	7/30/12	Archimede	8/ 6/12	Julia
"	-026	"	7/30/12	Archimede	8/ 6/12	Julia
"	-027	"	7/30/12	Archimede	8/ 6/12	Julia
"	-028	"	7/30/12	Archimede	8/ 6/12	Julia
"	-029	"	7/30/12	Archimede	8/ 6/12	Julia
"	-030	"	7/30/12	Archimede	8/ 6/12	Julia
"	-031	"	7/30/12	Archimede	8/ 6/12	Julia
"	-032	"	7/30/12	Archimede	8/ 6/12	Julia
"	-033	"	7/30/12	Archimede	8/ 7/12	Julia
"	-034	"	7/30/12	Archimede	8/ 7/12	Julia
"	-035	"	7/30/12	Archimede	8/ 7/12	Julia
"	-036	"	7/30/12	Archimede	8/ 7/12	Julia
"	-037	"	7/30/12	Archimede	8/ 7/12	Julia
"	-038	"	7/30/12	Archimede	8/ 7/12	Julia
"	-039	"	7/30/12	Archimede	8/ 7/12	Julia
"	-040	"	7/30/12	Archimede	8/ 7/12	Julia
"	-041	"	7/30/12	Archimede	8/ 7/12	Julia
"	-042	"	7/30/12	Archimede	8/ 9/12	Julia
"	-043	"	7/30/12	Archimede	8/ 7/12	Julia
"	-044	"	7/30/12	Archimede	8/ 7/12	Julia
"	-045	"	7/30/12	Archimede	8/ 7/12	Julia
"	-046	"	7/30/12	Archimede	8/ 7/12	Julia

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Client JMC Environmental Consultants

Project ARSYNCO

Received On 7/23/2012@16:30

"	-047	"	7/30/12	Archimede	8/ 9/12	Julia
"	-048	"	7/30/12	Archimede	8/ 7/12	Julia
"	-049	"	7/30/12	Archimede	8/ 7/12	Julia
"	-050	"	7/30/12	Archimede	8/ 7/12	Julia
"	-051	"	7/30/12	Archimede	8/ 7/12	Julia
"	-052	"	7/30/12	Archimede	8/ 7/12	Julia
"	-053	"	7/30/12	Archimede	8/ 2/12	Julia
"	-054	"	7/30/12	Archimede	8/ 2/12	Julia
"	-055	"	7/30/12	Archimede	8/ 4/12	Julia
"	-056	"	7/30/12	Archimede	8/ 4/12	Julia
"	-057	"	7/30/12	Archimede	8/ 3/12	Julia
"	-058	"	7/30/12	Archimede	8/ 3/12	Julia
"	-059	"	7/30/12	Archimede	8/ 3/12	Julia
"	-060	Aqueous	7/26/12	Archimede	7/31/12	Julia

E12-07371 0311

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