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: **E12-08194**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

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

Sample Summary

IAL Case No.

E12-08194

Client JMC Environmental Consultants

Project ARSYNCO

Received On 8/13/2012@18:00

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
08194-001	P-44 (5.0-5.5)	5/5.5	8/13/2012@09:20	Soil	1
08194-002	P-44 (5.5-6.0)	5.5/6	8/13/2012@09:21	Soil	1
08194-003	P-44 (6.0-6.5)	6/6.5	8/13/2012@09:22	Soil	1
08194-004	P-44 (7.0-7.5)	7/7.5	8/13/2012@09:23	Soil	1
08194-005	K-42 (0-2.0)	0/2	8/13/2012@09:55	Soil	1
08194-006	K-42 (2.0-4.0)	2/4	8/13/2012@09:56	Soil	1
08194-007	K-42 (4.75-5.0)	4.75/5	8/13/2012@09:57	Soil	1
08194-008	K-42 (5.0-6.0)	5/6	8/13/2012@09:58	Soil	1
08194-009	Q-40 (6.0-6.5)	6/6.5	8/13/2012@10:10	Soil	1
08194-010	Q-40 (7.0-7.5)	7/7.5	8/13/2012@10:11	Soil	1
08194-011	Q-40 (8.0-8.5)	8/8.5	8/13/2012@10:12	Soil	1
08194-012	Q-40 (9.0-9.5)	9/9.5	8/13/2012@10:13	Soil	1
08194-013	W-38 (5.5-6.0)	5.5/6	8/13/2012@10:30	Soil	1
08194-014	W-38 (6.0-6.5)	6/6.5	8/13/2012@10:31	Soil	1
08194-015	W-38 (7.0-7.5)	7/7.5	8/13/2012@10:32	Soil	1
08194-016	Y-39 (6.5-7.0)	6.5/7	8/13/2012@10:47	Soil	1
08194-017	Y-39 (7.0-7.5)	7/7.5	8/13/2012@10:48	Soil	1
08194-018	Y-39 (8.0-8.5)	8/8.5	8/13/2012@10:49	Soil	1
08194-019	Y-39 (9.0-9.5)	9/9.5	8/13/2012@10:50	Soil	1
08194-020	Z-39 (5.5-6.0)	5.5/6	8/13/2012@11:17	Soil	1
08194-021	Z-39 (6.0-6.5)	6/6.5	8/13/2012@11:18	Soil	1
08194-022	Z-39 (7.0-7.5)	7/7.5	8/13/2012@11:19	Soil	1
08194-023	DD-29 (5.0-5.5)	5/5.5	8/13/2012@11:37	Soil	1
08194-024	DD-29 (6.0-6.5)	6/6.5	8/13/2012@11:38	Soil	1
08194-025	DD-29 (7.0-7.5)	7/7.5	8/13/2012@11:39	Soil	1
08194-026	II-27 (0-2.0)	0/2	8/13/2012@12:19	Soil	1
08194-027	II-27 (2.0-4.0)	2/4	8/13/2012@12:20	Soil	1
08194-028	II-27 (4.0-6.0)	4/6	8/13/2012@12:21	Soil	1
08194-029	II-27 (6.0-8.0)	6/8	8/13/2012@12:22	Soil	1
08194-030	EE-18 (0-2.0)	0/2	8/13/2012@13:25	Soil	1
08194-031	EE-18 (2.0-4.0)	2/4	8/13/2012@13:26	Soil	1
08194-032	EE-18 (4.0-6.0)	4/6	8/13/2012@13:27	Soil	1
08194-033	FF-18 (0-2.0)	0/2	8/13/2012@13:38	Soil	1
08194-034	FF-18 (2.0-4.0)	2/4	8/13/2012@13:39	Soil	1
08194-035	FF-18 (4.0-4.75)	4/4.75	8/13/2012@13:40	Soil	1
08194-036	FF-18 (4.75-6.0)	4.75/6	8/13/2012@13:41	Soil	1
08194-037	FF-19 (0-2.0)	0/2	8/13/2012@13:55	Soil	1
08194-038	FF-19 (2.0-4.0)	2/4	8/13/2012@13:56	Soil	1
08194-039	FF-19 (4.0-5.0)	4/5	8/13/2012@13:57	Soil	1
08194-040	FF-19 (5.0-6.0)	5/6	8/13/2012@13:58	Soil	1
08194-041	FF-19 (6.0-8.0)	6/8	8/13/2012@13:59	Soil	1
08194-042	FF-20 (0-2.0)	0/2	8/13/2012@14:16	Soil	1
08194-043	FF-20 (2.0-4.0)	2/4	8/13/2012@14:17	Soil	1
08194-044	FF-20 (4.0-5.0)	4/5	8/13/2012@14:18	Soil	1
08194-045	FF-20 (5.0-6.0)	5/6	8/13/2012@14:19	Soil	1
08194-046	FF-20 (6.0-8.0)	6/8	8/13/2012@14:20	Soil	1

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

Sample Summary

IAL Case No.

E12-08194

Client JMC Environmental Consultants

Project ARSYNCO

Received On 8/13/2012@18:00

Lab ID	*Client Sample ID*	*Depth Top/Bottom*	*Sampling Time*	*Matrix*	*# of Container*
08194-047	GG-20 (0-2.0)	0/2	8/13/2012@14:36	Soil	1
08194-048	GG-20 (2.0-4.0)	2/4	8/13/2012@14:37	Soil	1
08194-049	GG-20 (4.0-6.0)	4/6	8/13/2012@14:38	Soil	1
08194-050	GG-20 (6.0-6.75)	6/6.75	8/13/2012@14:39	Soil	1
08194-051	GG-20 (6.75-8.0)	6.75/8	8/13/2012@14:40	Soil	1
08194-052	P-16 (0-2.0)	0/2	8/13/2012@15:08	Soil	1
08194-053	P-16 (2.0-3.75)	2/3.75	8/13/2012@15:09	Soil	1
08194-054	P-16 (4.0-6.0)	4/6	8/13/2012@15:10	Soil	1
08194-055	FB-31	n/a	8/13/2012@15:15	Aqueous	2

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on September 12, 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-four (54) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-08194, Project: ARSYNCO) on August 13, 2012 for the analysis of:

(49) 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

9/11/12

Date

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

Lab Case Number: E12 - 08194

		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: MS/MSD failed criteria due to matrix interference	✓	
7.	Retention Time Shift Meet Criteria (if applicable).		✓
8.	Extraction Holding Time Met. If not met, list number of days exceeded for each sample:		✓
9.	Analysis Holding Time Met. If not met, list number of days exceeded for each sample:		✓

Comments: please see next page

Organic Manager

08-24-12
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 - 08194

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:

08194# 048

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

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-08194

PCB By 8082

Batch ID: 120820-07	
QC	- Calibration Curve met QC criteria. - Surrogate Percent Recovery met QC criteria. - Method Blank met QC criteria. - LCS Percent Recovery met QC criteria. - MS/MSD Percent Recovery met QC criteria. - RPD between MS/MSD met QC criteria.
E12-08194	- All samples were extracted within holding time. - All samples were analyzed within holding time. - Retention Time Shift met QC criteria.

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

Lab Case Number: E12- 08194

		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: 08194# 1,2,5,6 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: 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

08-28-12
Date

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

Lab Case Number: E12- 08194

		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: 08194#034 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

08-28-12
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 - 08194

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:

08194 # 023
027
028

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- 08194

	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: please see next page

Organic Manager

08-28-12
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 - 08194

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:

08194# 049
050
052
053

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

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-08194

Lab ID:	**08194-055**		
Client ID:	**FB-31**		
Matrix:	**Aqueous**		
Sampled Date	**8/13/12**		
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:	**08194-001**			**08194-002**			**08194-003**			**08194-004**		
Client ID:	**P-44 (5.0-5.5)**			**P-44 (5.5-6.0)**			**P-44 (6.0-6.5)**			**P-44 (7.0-7.5)**		
Depth:	**5/5.5**			**5.5/6**			**6/6.5**			**7/7.5**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**8/13/12**			**8/13/12**			**8/13/12**			**8/13/12**		
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		5.10	ND		2.23	ND		0.021	~		~
Aroclor-1221	ND		5.10	ND		2.23	ND		0.021	~		~
Aroclor-1232	ND		5.10	ND		2.23	ND		0.021	~		~
Aroclor-1242	ND		5.10	ND		2.23	ND		0.021	~		~
Aroclor-1248	144		5.10	72.3		2.23	5.34		0.021	~		~
Aroclor-1254	ND		5.10	ND		2.23	ND		0.021	~		~
Aroclor-1260	ND		5.10	ND		2.23	ND		0.021	~		~
Aroclor-1262	ND		5.10	ND		2.23	ND		0.021	~		~
Aroclor-1268	ND		5.10	ND		2.23	ND		0.021	~		~
PCBs	144		5.10	72.3		2.23	5.34		0.021	~		~

ND = Analyzed for but Not Detected at the MDL
~=Sample not analyzed for

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-08194

Lab ID:	**08194-005**			**08194-006**			**08194-007**			**08194-008**		
Client ID:	**K-42 (0-2.0)**			**K-42 (2.0-4.0)**			**K-42 (4.75-5.0)**			**K-42 (5.0-6.0)**		
Depth:	**0/2**			**2/4**			**4.75/5**			**5/6**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**8/13/12**			**8/13/12**			**8/13/12**			**8/13/12**		
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		2.59	ND		0.053	ND		0.021
Aroclor-1221	ND		1.88	ND		2.59	ND		0.053	ND		0.021
Aroclor-1232	ND		1.88	ND		2.59	ND		0.053	ND		0.021
Aroclor-1242	ND		1.88	ND		2.59	ND		0.053	ND		0.021
Aroclor-1248	259		1.88	638		2.59	ND		0.053	0.997		0.021
Aroclor-1254	ND		1.88	ND		2.59	ND		0.053	ND		0.021
Aroclor-1260	ND		1.88	ND		2.59	ND		0.053	0.213		0.021
Aroclor-1262	ND		1.88	ND		2.59	ND		0.053	ND		0.021
Aroclor-1268	ND		1.88	ND		2.59	ND		0.053	ND		0.021
PCBs	259		1.88	638		2.59	ND		0.053	1.21		0.021

Lab ID:	**08194-009**			**08194-010**			**08194-011**			**08194-012**		
Client ID:	**Q-40 (6.0-6.5)**			**Q-40 (7.0-7.5)**			**Q-40 (8.0-8.5)**			**Q-40 (9.0-9.5)**		
Depth:	**6/6.5**			**7/7.5**			**8/8.5**			**9/9.5**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**8/13/12**			**8/13/12**			**8/13/12**			**8/13/12**		
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		0.049	ND		0.021	ND		0.021	~		~
Aroclor-1221	ND		0.049	ND		0.021	ND		0.021	~		~
Aroclor-1232	ND		0.049	ND		0.021	ND		0.021	~		~
Aroclor-1242	ND		0.049	ND		0.021	ND		0.021	~		~
Aroclor-1248	ND		0.049	ND		0.021	0.680		0.021	~		~
Aroclor-1254	ND		0.049	ND		0.021	ND		0.021	~		~
Aroclor-1260	3.67		0.049	3.30		0.021	0.702		0.021	~		~
Aroclor-1262	ND		0.049	ND		0.021	ND		0.021	~		~
Aroclor-1268	ND		0.049	ND		0.021	ND		0.021	~		~
PCBs	3.67		0.049	3.30		0.021	1.38		0.021	~		~

ND = Analyzed for but Not Detected at the MDL
~=Sample not analyzed for

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-08194

Lab ID:	08194-013			08194-014			08194-015			08194-016		
Client ID:	W-38 (5.5-6.0)			W-38 (6.0-6.5)			W-38 (7.0-7.5)			Y-39 (6.5-7.0)		
Depth:	5.5/6			6/6.5			7/7.5			6.5/7		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
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		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1221	ND		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1232	ND		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1242	ND		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1248	ND		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1254	ND		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1260	ND		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1262	ND		0.022	ND		0.020	~		~	ND		0.040
Aroclor-1268	ND		0.022	ND		0.020	~		~	ND		0.040
PCBs	ND		0.022	ND		0.020	~		~	ND		0.040

Lab ID:	08194-017			08194-018			08194-019			08194-020		
Client ID:	Y-39 (7.0-7.5)			Y-39 (8.0-8.5)			Y-39 (9.0-9.5)			Z-39 (5.5-6.0)		
Depth:	7/7.5			8/8.5			9/9.5			5.5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.021	ND		0.021	~		~	ND		0.022
Aroclor-1221	ND		0.021	ND		0.021	~		~	ND		0.022
Aroclor-1232	ND		0.021	ND		0.021	~		~	ND		0.022
Aroclor-1242	ND		0.021	ND		0.021	~		~	ND		0.022
Aroclor-1248	ND		0.021	ND		0.021	~		~	6.59		0.022
Aroclor-1254	ND		0.021	ND		0.021	~		~	ND		0.022
Aroclor-1260	0.203		0.021	0.225		0.021	~		~	ND		0.022
Aroclor-1262	ND		0.021	ND		0.021	~		~	ND		0.022
Aroclor-1268	ND		0.021	ND		0.021	~		~	ND		0.022
PCBs	0.203		0.021	0.225		0.021	~		~	6.59		0.022

Lab ID:	08194-021			08194-022			08194-023			08194-024		
Client ID:	Z-39 (6.0-6.5)			Z-39 (7.0-7.5)			DD-29 (5.0-5.5)			DD-29 (6.0-6.5)		
Depth:	6/6.5			7/7.5			5/5.5			6/6.5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.018	~		~	ND		0.020	ND		0.019
Aroclor-1221	ND		0.018	~		~	ND		0.020	ND		0.019
Aroclor-1232	ND		0.018	~		~	ND		0.020	ND		0.019
Aroclor-1242	ND		0.018	~		~	ND		0.020	ND		0.019
Aroclor-1248	1.89		0.018	~		~	ND		0.020	ND		0.019
Aroclor-1254	ND		0.018	~		~	0.577		0.020	ND		0.019
Aroclor-1260	ND		0.018	~		~	0.869		0.020	0.179		0.019
Aroclor-1262	ND		0.018	~		~	ND		0.020	ND		0.019
Aroclor-1268	ND		0.018	~		~	ND		0.020	ND		0.019
PCBs	1.89		0.018	~		~	1.45		0.020	0.179		0.019

ND = Analyzed for but Not Detected at the MDL
~=Sample not analyzed for

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-08194

Lab ID:	08194-025			08194-026			08194-027			08194-028		
Client ID:	DD-29 (7.0-7.5)			II-27 (0-2.0)			II-27 (2.0-4.0)			II-27 (4.0-6.0)		
Depth:	7/7.5			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
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		0.016	ND		0.016	ND		0.015
Aroclor-1221	~		~	ND		0.016	ND		0.016	ND		0.015
Aroclor-1232	~		~	ND		0.016	ND		0.016	ND		0.015
Aroclor-1242	~		~	ND		0.016	ND		0.016	ND		0.015
Aroclor-1248	~		~	0.777		0.016	ND		0.016	ND		0.015
Aroclor-1254	~		~	ND		0.016	ND		0.016	ND		0.015
Aroclor-1260	~		~	ND		0.016	0.101		0.016	0.084		0.015
Aroclor-1262	~		~	ND		0.016	ND		0.016	ND		0.015
Aroclor-1268	~		~	ND		0.016	ND		0.016	ND		0.015
PCBs	~		~	0.777		0.016	0.101		0.016	0.084		0.015

Lab ID:	08194-029			08194-030			08194-031			08194-032		
Client ID:	II-27 (6.0-8.0)			EE-18 (0-2.0)			EE-18 (2.0-4.0)			EE-18 (4.0-6.0)		
Depth:	6/8			0/2			2/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
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		0.165	ND		0.231	ND		0.019
Aroclor-1221	ND		0.019	ND		0.165	ND		0.231	ND		0.019
Aroclor-1232	ND		0.019	ND		0.165	ND		0.231	ND		0.019
Aroclor-1242	ND		0.019	ND		0.165	ND		0.231	ND		0.019
Aroclor-1248	ND		0.019	39.4		0.165	37.4		0.231	ND		0.019
Aroclor-1254	ND		0.019	ND		0.165	ND		0.231	ND		0.019
Aroclor-1260	ND		0.019	ND		0.165	ND		0.231	ND		0.019
Aroclor-1262	ND		0.019	ND		0.165	ND		0.231	ND		0.019
Aroclor-1268	ND		0.019	ND		0.165	ND		0.231	ND		0.019
PCBs	ND		0.019	39.4		0.165	37.4		0.231	ND		0.019

ND = Analyzed for but Not Detected at the MDL
~=Sample not analyzed for

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-08194

Lab ID:	08194-033			08194-034			08194-035			08194-036		
Client ID:	FF-18 (0-2.0)			FF-18 (2.0-4.0)			FF-18 (4.0-4.75)			FF-18 (4.75-6.0)		
Depth:	0/2			2/4			4/4.75			4.75/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
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		0.017	ND		1.85	ND		0.071	ND		0.020
Aroclor-1221	ND		0.017	ND		1.85	ND		0.071	ND		0.020
Aroclor-1232	ND		0.017	ND		1.85	ND		0.071	ND		0.020
Aroclor-1242	ND		0.017	ND		1.85	ND		0.071	ND		0.020
Aroclor-1248	3.13		0.017	25.0		1.85	1.09		0.071	ND		0.020
Aroclor-1254	ND		0.017	ND		1.85	ND		0.071	ND		0.020
Aroclor-1260	ND		0.017	ND		1.85	ND		0.071	ND		0.020
Aroclor-1262	ND		0.017	ND		1.85	ND		0.071	ND		0.020
Aroclor-1268	ND		0.017	ND		1.85	ND		0.071	ND		0.020
PCBs	3.13		0.017	25.0		1.85	1.09		0.071	ND		0.020

Lab ID:	08194-037			08194-038			08194-039			08194-040		
Client ID:	FF-19 (0-2.0)			FF-19 (2.0-4.0)			FF-19 (4.0-5.0)			FF-19 (5.0-6.0)		
Depth:	0/2			2/4			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
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		0.017	ND		0.168	ND		0.212	ND		0.064
Aroclor-1221	ND		0.017	ND		0.168	ND		0.212	ND		0.064
Aroclor-1232	ND		0.017	ND		0.168	ND		0.212	ND		0.064
Aroclor-1242	ND		0.017	ND		0.168	ND		0.212	ND		0.064
Aroclor-1248	3.73		0.017	22.3		0.168	49.3		0.212	ND		0.064
Aroclor-1254	ND		0.017	ND		0.168	ND		0.212	ND		0.064
Aroclor-1260	ND		0.017	ND		0.168	ND		0.212	ND		0.064
Aroclor-1262	ND		0.017	ND		0.168	ND		0.212	ND		0.064
Aroclor-1268	ND		0.017	ND		0.168	ND		0.212	ND		0.064
PCBs	3.73		0.017	22.3		0.168	49.3		0.212	ND		0.064

ND = Analyzed for but Not Detected at the MDL
~=Sample not analyzed for

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-08194

Lab ID:	08194-041			08194-042			08194-043			08194-044		
Client ID:	FF-19 (6.0-8.0)			FF-20 (0-2.0)			FF-20 (2.0-4.0)			FF-20 (4.0-5.0)		
Depth:	6/8			0/2			2/4			4/5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.018	ND		0.159	ND		0.171	ND		0.041
Aroclor-1221	ND		0.018	ND		0.159	ND		0.171	ND		0.041
Aroclor-1232	ND		0.018	ND		0.159	ND		0.171	ND		0.041
Aroclor-1242	ND		0.018	ND		0.159	ND		0.171	ND		0.041
Aroclor-1248	0.103		0.018	12.7		0.159	39.4		0.171	16.2		0.041
Aroclor-1254	ND		0.018	ND		0.159	ND		0.171	ND		0.041
Aroclor-1260	ND		0.018	ND		0.159	4.03		0.171	ND		0.041
Aroclor-1262	ND		0.018	ND		0.159	ND		0.171	ND		0.041
Aroclor-1268	ND		0.018	ND		0.159	ND		0.171	ND		0.041
PCBs	0.103		0.018	12.7		0.159	43.4		0.171	16.2		0.041

Lab ID:	08194-045			08194-046			08194-047			08194-048		
Client ID:	FF-20 (5.0-6.0)			FF-20 (6.0-8.0)			GG-20 (0-2.0)			GG-20 (2.0-4.0)		
Depth:	5/6			6/8			0/2			2/4		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
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		0.061	ND		0.017	ND		0.017	ND		0.179
Aroclor-1221	ND		0.061	ND		0.017	ND		0.017	ND		0.179
Aroclor-1232	ND		0.061	ND		0.017	ND		0.017	ND		0.179
Aroclor-1242	ND		0.061	ND		0.017	ND		0.017	20.1		0.179
Aroclor-1248	ND		0.061	ND		0.017	4.26		0.017	ND		0.179
Aroclor-1254	ND		0.061	ND		0.017	ND		0.017	ND		0.179
Aroclor-1260	ND		0.061	ND		0.017	ND		0.017	ND		0.179
Aroclor-1262	ND		0.061	ND		0.017	ND		0.017	ND		0.179
Aroclor-1268	ND		0.061	ND		0.017	ND		0.017	ND		0.179
PCBs	ND		0.061	ND		0.017	4.26		0.017	20.1		0.179

ND = Analyzed for but Not Detected at the MDL
~=Sample not analyzed for

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-08194

Lab ID:	08194-049			08194-050			08194-051			08194-052		
Client ID:	GG-20 (4.0-6.0)			GG-20 (6.0-6.75)			GG-20 (6.75-8.0)			P-16 (0-2.0)		
Depth:	4/6			6/6.75			6.75/8			0/2		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	8/13/12			8/13/12			8/13/12			8/13/12		
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		0.990	ND		0.028	ND		0.018	ND		0.019
Aroclor-1221	ND		0.990	ND		0.028	ND		0.018	ND		0.019
Aroclor-1232	ND		0.990	ND		0.028	ND		0.018	ND		0.019
Aroclor-1242	92.0		0.990	3.13		0.028	ND		0.018	ND		0.019
Aroclor-1248	ND		0.990	ND		0.028	0.028	J	0.018	0.466		0.019
Aroclor-1254	ND		0.990	ND		0.028	ND		0.018	ND		0.019
Aroclor-1260	ND		0.990	ND		0.028	ND		0.018	ND		0.019
Aroclor-1262	ND		0.990	ND		0.028	ND		0.018	ND		0.019
Aroclor-1268	ND		0.990	ND		0.028	ND		0.018	ND		0.019
PCBs	92.0		0.990	3.13		0.028	0.028	J	0.018	0.466		0.019

Lab ID:	08194-053			08194-054		
Client ID:	P-16 (2.0-3.75)			P-16 (4.0-6.0)		
Depth:	2/3.75			4/6		
Matrix:	Soil			Soil		
Sampled Date	8/13/12			8/13/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019	ND		0.018
Aroclor-1221	ND		0.019	ND		0.018
Aroclor-1232	ND		0.019	ND		0.018
Aroclor-1242	3.80		0.019	ND		0.018
Aroclor-1248	ND		0.019	0.233		0.018
Aroclor-1254	ND		0.019	ND		0.018
Aroclor-1260	ND		0.019	ND		0.018
Aroclor-1262	ND		0.019	ND		0.018
Aroclor-1268	ND		0.019	ND		0.018
PCBs	3.80		0.019	0.233		0.018

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-001
Client ID: P-44_(5.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/23/2012
Data file: R3430.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 68.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		12.7	5.10
Aroclor-1221	ND		12.7	5.10
Aroclor-1232	ND		12.7	5.10
Aroclor-1242	ND		12.7	5.10
Aroclor-1248	144		12.7	5.10
Aroclor-1254	ND		12.7	5.10
Aroclor-1260	ND		12.7	5.10
Aroclor-1262	ND		12.7	5.10
Aroclor-1268	ND		12.7	5.10
PCBs	144		12.7	5.10

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-002
Client ID: P-44_(5.5-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/23/2012
Data file: R3431.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 28.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.56	2.23
Aroclor-1221	ND		5.56	2.23
Aroclor-1232	ND		5.56	2.23
Aroclor-1242	ND		5.56	2.23
Aroclor-1248	72.3		5.56	2.23
Aroclor-1254	ND		5.56	2.23
Aroclor-1260	ND		5.56	2.23
Aroclor-1262	ND		5.56	2.23
Aroclor-1268	ND		5.56	2.23
PCBs	72.3		5.56	2.23

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-003
Client ID: P-44_(6.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3370.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.6

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	5.34		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	5.34		0.053	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-005
Client ID: K-42_(0-2.
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3372.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.0

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	259		4.71	1.88
Aroclor-1254	ND		4.71	1.88
Aroclor-1260	ND		4.71	1.88
Aroclor-1262	ND		4.71	1.88
Aroclor-1268	ND		4.71	1.88
PCBs	259		4.71	1.88

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-006
Client ID: K-42_(2.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3373.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 38.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.48	2.59
Aroclor-1221	ND		6.48	2.59
Aroclor-1232	ND		6.48	2.59
Aroclor-1242	ND		6.48	2.59
Aroclor-1248	638		6.48	2.59
Aroclor-1254	ND		6.48	2.59
Aroclor-1260	ND		6.48	2.59
Aroclor-1262	ND		6.48	2.59
Aroclor-1268	ND		6.48	2.59
PCBs	638		6.48	2.59

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-007
Client ID: K-42_(4.75
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3374.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 69.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.132	0.053
Aroclor-1221	ND		0.132	0.053
Aroclor-1232	ND		0.132	0.053
Aroclor-1242	ND		0.132	0.053
Aroclor-1248	ND		0.132	0.053
Aroclor-1254	ND		0.132	0.053
Aroclor-1260	ND		0.132	0.053
Aroclor-1262	ND		0.132	0.053
Aroclor-1268	ND		0.132	0.053
PCBs	ND		0.132	0.053

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-008
Client ID: K-42_(5.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3375.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.021
Aroclor-1221	ND		0.051	0.021
Aroclor-1232	ND		0.051	0.021
Aroclor-1242	ND		0.051	0.021
Aroclor-1248	0.997		0.051	0.021
Aroclor-1254	ND		0.051	0.021
Aroclor-1260	0.213		0.051	0.021
Aroclor-1262	ND		0.051	0.021
Aroclor-1268	ND		0.051	0.021
PCBs	1.21		0.051	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-009
Client ID: Q-40_(6.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3376.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 67.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.121	0.049
Aroclor-1221	ND		0.121	0.049
Aroclor-1232	ND		0.121	0.049
Aroclor-1242	ND		0.121	0.049
Aroclor-1248	ND		0.121	0.049
Aroclor-1254	ND		0.121	0.049
Aroclor-1260	3.67		0.121	0.049
Aroclor-1262	ND		0.121	0.049
Aroclor-1268	ND		0.121	0.049
PCBs	3.67		0.121	0.049

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-010
Client ID: Q-40_(7.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3377.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 25.0

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	3.30		0.053	0.021
Aroclor-1262	ND		0.053	0.021
Aroclor-1268	ND		0.053	0.021
PCBs	3.30		0.053	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-011
Client ID: Q-40_(8.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3378.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	0.680		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	0.702		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	1.38		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-013
Client ID: W-38_(5.5-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3380.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 26.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	ND		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	ND		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-014
Client ID: W-38_(6.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3381.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.3

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: 08194-016
Client ID: Y-39_(6.5-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3383.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 59.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.099	0.040
Aroclor-1221	ND		0.099	0.040
Aroclor-1232	ND		0.099	0.040
Aroclor-1242	ND		0.099	0.040
Aroclor-1248	ND		0.099	0.040
Aroclor-1254	ND		0.099	0.040
Aroclor-1260	ND		0.099	0.040
Aroclor-1262	ND		0.099	0.040
Aroclor-1268	ND		0.099	0.040
PCBs	ND		0.099	0.040

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-017
Client ID: Y-39_(7.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3384.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.052	0.021
Aroclor-1221	ND		0.052	0.021
Aroclor-1232	ND		0.052	0.021
Aroclor-1242	ND		0.052	0.021
Aroclor-1248	ND		0.052	0.021
Aroclor-1254	ND		0.052	0.021
Aroclor-1260	0.203		0.052	0.021
Aroclor-1262	ND		0.052	0.021
Aroclor-1268	ND		0.052	0.021
PCBs	0.203		0.052	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-018
Client ID: Y-39_(8.0-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3385.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.021
Aroclor-1221	ND		0.051	0.021
Aroclor-1232	ND		0.051	0.021
Aroclor-1242	ND		0.051	0.021
Aroclor-1248	ND		0.051	0.021
Aroclor-1254	ND		0.051	0.021
Aroclor-1260	0.225		0.051	0.021
Aroclor-1262	ND		0.051	0.021
Aroclor-1268	ND		0.051	0.021
PCBs	0.225		0.051	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-020
Client ID: Z-39_(5.5-
Date Received: 08/13/2012
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3387.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 28.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.056	0.022
Aroclor-1221	ND		0.056	0.022
Aroclor-1232	ND		0.056	0.022
Aroclor-1242	ND		0.056	0.022
Aroclor-1248	6.59		0.056	0.022
Aroclor-1254	ND		0.056	0.022
Aroclor-1260	ND		0.056	0.022
Aroclor-1262	ND		0.056	0.022
Aroclor-1268	ND		0.056	0.022
PCBs	6.59		0.056	0.022

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-021
Client ID: Z-39_(6.0-
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3300.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	1.89		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	1.89		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-023
Client ID: DD-29_(5.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3302.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.01g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.1

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	0.577		0.051	0.020
Aroclor-1260	0.869		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	1.45		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-024
Client ID: DD-29_(6.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3303.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.32g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.3

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	0.179		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	0.179		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-026
Client ID: II-27_(0-2
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/21/2012
Data file: R3351.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.70

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	0.777		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	0.777		0.040	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-027
Client ID: II-27_(2.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3306.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.46g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 10.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.016
Aroclor-1221	ND		0.041	0.016
Aroclor-1232	ND		0.041	0.016
Aroclor-1242	ND		0.041	0.016
Aroclor-1248	ND		0.041	0.016
Aroclor-1254	ND		0.041	0.016
Aroclor-1260	0.101		0.041	0.016
Aroclor-1262	ND		0.041	0.016
Aroclor-1268	ND		0.041	0.016
PCBs	0.101		0.041	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-028
Client ID: II-27_(4.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3307.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.87g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.60

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.038	0.015
Aroclor-1221	ND		0.038	0.015
Aroclor-1232	ND		0.038	0.015
Aroclor-1242	ND		0.038	0.015
Aroclor-1248	ND		0.038	0.015
Aroclor-1254	ND		0.038	0.015
Aroclor-1260	0.084		0.038	0.015
Aroclor-1262	ND		0.038	0.015
Aroclor-1268	ND		0.038	0.015
PCBs	0.084		0.038	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-029
Client ID: II-27_(6.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3308.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 18.3

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: 08194-030
Client ID: EE-18_(0-2
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3309.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.46g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 11.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.413	0.165
Aroclor-1221	ND		0.413	0.165
Aroclor-1232	ND		0.413	0.165
Aroclor-1242	ND		0.413	0.165
Aroclor-1248	39.4		0.413	0.165
Aroclor-1254	ND		0.413	0.165
Aroclor-1260	ND		0.413	0.165
Aroclor-1262	ND		0.413	0.165
Aroclor-1268	ND		0.413	0.165
PCBs	39.4		0.413	0.165

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-031
Client ID: EE-18_(2.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/21/2012
Data file: R3352.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 34.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.577	0.231
Aroclor-1221	ND		0.577	0.231
Aroclor-1232	ND		0.577	0.231
Aroclor-1242	ND		0.577	0.231
Aroclor-1248	37.4		0.577	0.231
Aroclor-1254	ND		0.577	0.231
Aroclor-1260	ND		0.577	0.231
Aroclor-1262	ND		0.577	0.231
Aroclor-1268	ND		0.577	0.231
PCBs	37.4		0.577	0.231

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-032
Client ID: EE-18_(4.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3311.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.68g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 25.1

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: 08194-033
Client ID: FF-18_(0-2
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3312.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.20

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	3.13		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	3.13		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-034
Client ID: FF-18_(2.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3313.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 20.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.62	1.85
Aroclor-1221	ND		4.62	1.85
Aroclor-1232	ND		4.62	1.85
Aroclor-1242	ND		4.62	1.85
Aroclor-1248	25.0		4.62	1.85
Aroclor-1254	ND		4.62	1.85
Aroclor-1260	ND		4.62	1.85
Aroclor-1262	ND		4.62	1.85
Aroclor-1268	ND		4.62	1.85
PCBs	25.0		4.62	1.85

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-035
Client ID: FF-18_(4.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3314.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.08g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.177	0.071
Aroclor-1221	ND		0.177	0.071
Aroclor-1232	ND		0.177	0.071
Aroclor-1242	ND		0.177	0.071
Aroclor-1248	1.09		0.177	0.071
Aroclor-1254	ND		0.177	0.071
Aroclor-1260	ND		0.177	0.071
Aroclor-1262	ND		0.177	0.071
Aroclor-1268	ND		0.177	0.071
PCBs	1.09		0.177	0.071

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-036
Client ID: FF-18_(4.7
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3315.D

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

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	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: 08194-037
Client ID: FF-19_(0-2
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3316.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 5.30

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	3.73		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	3.73		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-038
Client ID: FF-19_(2.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/21/2012
Data file: R3353.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.56g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 14.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.419	0.168
Aroclor-1221	ND		0.419	0.168
Aroclor-1232	ND		0.419	0.168
Aroclor-1242	ND		0.419	0.168
Aroclor-1248	22.3		0.419	0.168
Aroclor-1254	ND		0.419	0.168
Aroclor-1260	ND		0.419	0.168
Aroclor-1262	ND		0.419	0.168
Aroclor-1268	ND		0.419	0.168
PCBs	22.3		0.419	0.168

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-039
Client ID: FF-19_(4.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/21/2012
Data file: R3354.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.18g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 27.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.529	0.212
Aroclor-1221	ND		0.529	0.212
Aroclor-1232	ND		0.529	0.212
Aroclor-1242	ND		0.529	0.212
Aroclor-1248	49.3		0.529	0.212
Aroclor-1254	ND		0.529	0.212
Aroclor-1260	ND		0.529	0.212
Aroclor-1262	ND		0.529	0.212
Aroclor-1268	ND		0.529	0.212
PCBs	49.3		0.529	0.212

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-040
Client ID: FF-19_(5.0
Date Received: 08/13/2012
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3319.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 76.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.160	0.064
Aroclor-1221	ND		0.160	0.064
Aroclor-1232	ND		0.160	0.064
Aroclor-1242	ND		0.160	0.064
Aroclor-1248	ND		0.160	0.064
Aroclor-1254	ND		0.160	0.064
Aroclor-1260	ND		0.160	0.064
Aroclor-1262	ND		0.160	0.064
Aroclor-1268	ND		0.160	0.064
PCBs	ND		0.160	0.064

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-041
Client ID: FF-19_(6.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/23/2012
Data file: R3436.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.37g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 18.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	0.103		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	0.103		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-042
Client ID: FF-20_(0-2
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: R3407.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.70g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.399	0.159
Aroclor-1221	ND		0.399	0.159
Aroclor-1232	ND		0.399	0.159
Aroclor-1242	ND		0.399	0.159
Aroclor-1248	12.7		0.399	0.159
Aroclor-1254	ND		0.399	0.159
Aroclor-1260	ND		0.399	0.159
Aroclor-1262	ND		0.399	0.159
Aroclor-1268	ND		0.399	0.159
PCBs	12.7		0.399	0.159

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-043
Client ID: FF-20_(2.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: R3408.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.428	0.171
Aroclor-1221	ND		0.428	0.171
Aroclor-1232	ND		0.428	0.171
Aroclor-1242	ND		0.428	0.171
Aroclor-1248	39.4		0.428	0.171
Aroclor-1254	ND		0.428	0.171
Aroclor-1260	4.03		0.428	0.171
Aroclor-1262	ND		0.428	0.171
Aroclor-1268	ND		0.428	0.171
PCBs	43.4		0.428	0.171

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-044
Client ID: FF-20_(4.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/23/2012
Data file: R3437.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 22.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.102	0.041
Aroclor-1221	ND		0.102	0.041
Aroclor-1232	ND		0.102	0.041
Aroclor-1242	ND		0.102	0.041
Aroclor-1248	16.2		0.102	0.041
Aroclor-1254	ND		0.102	0.041
Aroclor-1260	ND		0.102	0.041
Aroclor-1262	ND		0.102	0.041
Aroclor-1268	ND		0.102	0.041
PCBs	16.2		0.102	0.041

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-045
Client ID: FF-20_(5.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: R3410.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 76.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.153	0.061
Aroclor-1221	ND		0.153	0.061
Aroclor-1232	ND		0.153	0.061
Aroclor-1242	ND		0.153	0.061
Aroclor-1248	ND		0.153	0.061
Aroclor-1254	ND		0.153	0.061
Aroclor-1260	ND		0.153	0.061
Aroclor-1262	ND		0.153	0.061
Aroclor-1268	ND		0.153	0.061
PCBs	ND		0.153	0.061

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-046
Client ID: FF-20_(6.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: R3411.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.61g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 18.0

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: 08194-047
Client ID: GG-20_(0-2
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: R3412.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.15g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.70

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	4.26		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	4.26		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-048
Client ID: GG-20_(2.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: R3413.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.15g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 13.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.448	0.179
Aroclor-1221	ND		0.448	0.179
Aroclor-1232	ND		0.448	0.179
Aroclor-1242	20.1		0.448	0.179
Aroclor-1248	ND		0.448	0.179
Aroclor-1254	ND		0.448	0.179
Aroclor-1260	ND		0.448	0.179
Aroclor-1262	ND		0.448	0.179
Aroclor-1268	ND		0.448	0.179
PCBs	20.1		0.448	0.179

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-049
Client ID: GG-20_(4.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/23/2012
Data file: Y1079.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.38g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 50
% Moisture: 24.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		2.48	0.990
Aroclor-1221	ND		2.48	0.990
Aroclor-1232	ND		2.48	0.990
Aroclor-1242	92.0		2.48	0.990
Aroclor-1248	ND		2.48	0.990
Aroclor-1254	ND		2.48	0.990
Aroclor-1260	ND		2.48	0.990
Aroclor-1262	ND		2.48	0.990
Aroclor-1268	ND		2.48	0.990
PCBs	92.0		2.48	0.990

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-050
Client ID: GG-20_(6.0
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: Y1016.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.38g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 46.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.070	0.028
Aroclor-1221	ND		0.070	0.028
Aroclor-1232	ND		0.070	0.028
Aroclor-1242	3.13		0.070	0.028
Aroclor-1248	ND		0.070	0.028
Aroclor-1254	ND		0.070	0.028
Aroclor-1260	ND		0.070	0.028
Aroclor-1262	ND		0.070	0.028
Aroclor-1268	ND		0.070	0.028
PCBs	3.13		0.070	0.028

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-051
Client ID: GG-20_(6.7
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: Y1017.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 19.7

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	0.028	J	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	0.028	J	0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-052
Client ID: P-16_(0-2.
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: Y1018.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.57g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.1

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	0.466		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	0.466		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-053
Client ID: P-16_(2.0-
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: Y1019.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.9

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	3.80		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	3.80		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-054
Client ID: P-16_(4.0-
Date Received: 08/13/2012
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: Y1020.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.76g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.9

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	0.233		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	0.233		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 08194-055
Client ID: FB-31
Date Received: 08/13/2012
Date Extracted: 08/20/2012
Date Analyzed: 08/23/2012
Data file: Y1076.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: 08/20/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120817-09	SOIL	129		88		125		67	
Z-39_(6.0-	08194-021	SOIL	102		82		113		65	
Z-39_(7.0-	08194-022	SOIL	96		68		112		55	
DD-29_(5.0	08194-023	SOIL	114		86		120		60	
DD-29_(6.0	08194-024	SOIL	132		96		126		73	
DD-29_(7.0	08194-025	SOIL	123		88		122		80	
II-27_(2.0	08194-027	SOIL	128		79		122		61	
II-27_(4.0	08194-028	SOIL	102		72		114		62	
II-27_(6.0	08194-029	SOIL	123		71		123		63	
EE-18_(0-2	08194-030	SOIL	136		69		137		68	
EE-18_(4.0	08194-032	SOIL	128		84		128		75	
FF-18_(0-2	08194-033	SOIL	113		74		115		64	
FF-18_(2.0	08194-034	SOIL	0	D	0	D	0	D	0	D
FF-18_(4.0	08194-035	SOIL	107		90		126		82	
FF-18_(4.7	08194-036	SOIL	127		68		121		75	
FF-19_(0-2	08194-037	SOIL	116		68		117		63	
FF-19_(5.0	08194-040	SOIL	125		75		136		68	
PCB	08194-040MS	SOIL	123		80		133		74	
PCB	08194-040MSD	SOIL	118		75		132		78	
PCB	LCSS120817-09	SOIL	120		64		121		59	
II-27_(0-2	08194-026	SOIL	95		68		108		49	
EE-18_(2.0	08194-031	SOIL	139		65		128		59	
FF-19_(2.0	08194-038	SOIL	159		74		146		64	
FF-19_(4.0	08194-039	SOIL	137		73		154		71	

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: 08/22/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
SUM-V12-19	08244-002	AQUEOUS	89		84		83		84	
EO-V12-198	08245-001	AQUEOUS	78		89		72		80	
PLA-V12-19	08246-001	AQUEOUS	69		82		65		71	
OAK-V12-20	08352-001	AQUEOUS	89		64		78		70	
GPECFB0813	08196-010	AQUEOUS	112		94		90		82	
FB3	08409-005	AQUEOUS	108		92		87		77	
PCB	08245-001MS	AQUEOUS	83		103		70		85	
PCB	08245-001MSD	AQUEOUS	79		100		67		82	
PCB	LCSA120820-07	AQUEOUS	113		101		91		82	
PCB	BLKA120820-07	AQUEOUS	129		68		101		72	
FB-31	08194-055	AQUEOUS	127		64		99		72	

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: 08/22/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120821-05	SOIL	119		61		112		52	
B-16/8-8.5	08344-004	SOIL	145		75		133		63	
B-17/8-8.5	08344-005	SOIL	128		67		128		57	
CONCRETE-1	08408-001	SOLID	91		58		97		48	
CONCRETE-2	08408-002	SOLID	92		56		102		50	
CONCRETE-3	08408-003	SOLID	104		57		110		54	
CONCRETE-4	08408-004	SOLID	85		54		98		50	
CONCRETE-5	08408-005	SOLID	52		36		59		37	
CONCRETE-6	08408-006	SOLID	58		89		65		45	
FF-20_(0-2	08194-042	SOIL	160		121		150		167	
FF-20_(2.0	08194-043	SOIL	155		131		146		84	
FF-20_(5.0	08194-045	SOIL	144		75		147		61	
FF-20_(6.0	08194-046	SOIL	126		63		124		49	
GG-20_(0-2	08194-047	SOIL	113		52		110		42	
GG-20_(2.0	08194-048	SOIL	157		83		153		61	
PCB	08194-048MS	SOIL	160		56		151		48	
PCB	08194-048MSD	SOIL	159		60		159		53	
PCB	LCSS120821-05	SOIL	129		54		120		44	
DEBRIS-1	08409-001	SOIL	94		102		108		89	
DEBRIS-2	08409-002	SOIL	79		90		90		88	
DEBRIS-3	08409-003	SOIL	82		112		89		94	
DEBRIS-4	08409-004	SOIL	88		100		96		91	
FF-19_(6.0	08194-041	SOIL	114		110		118		92	
FF-20_(4.0	08194-044	SOIL	115		129		128		113	

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: 08/22/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120815-02	SOIL	133		57		124		57	
P-44_(6.0-	08194-003	SOIL	117		69		120		57	
P-44_(7.0-	08194-004	SOIL	119		70		119		58	
K-42_(0-2.	08194-005	SOIL	0	D	0	D	0	D	0	D
K-42_(2.0-	08194-006	SOIL	0	D	0	D	0	D	0	D
K-42_(4.75	08194-007	SOIL	111		69		125		69	
K-42_(5.0-	08194-008	SOIL	114		57		118		60	
Q-40_(6.0-	08194-009	SOIL	91		72		115		71	
Q-40_(7.0-	08194-010	SOIL	73		70		100		55	
Q-40_(8.0-	08194-011	SOIL	99		72		105		63	
Q-40_(9.0-	08194-012	SOIL	71		97		85		42	
W-38_(5.5-	08194-013	SOIL	110		60		113		66	
W-38_(6.0-	08194-014	SOIL	117		78		116		53	
W-38_(7.0-	08194-015	SOIL	118		81		117		52	
Y-39_(6.5-	08194-016	SOIL	113		76		122		66	
Y-39_(7.0-	08194-017	SOIL	116		64		115		59	
Y-39_(8.0-	08194-018	SOIL	113		57		113		50	
Y-39_(9.0-	08194-019	SOIL	112		59		110		54	
Z-39_(5.5-	08194-020	SOIL	81		50		96		45	
PCB	08194-020MS	SOIL	74		51		90		44	
PCB	08194-020MSD	SOIL	82		52		112		53	
PCB	LCSS120815-02	SOIL	122		46		116		48	
P-44_(5.0-	08194-001	SOIL	0	D	0	D	0	D	0	D
P-44_(5.5-	08194-002	SOIL	0	D	0	D	0	D	0	D

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

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

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 08/22/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120821-08	SOIL	120		115		95		95	
GG-20_(6.0	08194-050	SOIL	132		126		113		118	
GG-20_(6.7	08194-051	SOIL	123		116		101		101	
P-16_(0-2.	08194-052	SOIL	126		117		100		103	
P-16_(2.0-	08194-053	SOIL	100		103		94		94	
P-16_(4.0-	08194-054	SOIL	129		116		105		102	
T-02N	08436-001	SOLID	56		55		64		73	
T-02E	08436-002	SOLID	55		56		65		77	
T-02S	08436-003	SOLID	57		54		65		68	
T-03W	08436-005	SOLID	80		60		80		67	
T-03E	08436-006	SOLID	98		55		89		63	
T-03N	08436-007	SOLID	56		56		66		72	
T-03S	08436-008	SOLID	72		56		77		64	
T-04S	08436-009	SOLID	94		53		88		65	
T-04E	08436-010	SOLID	96		51		88		65	
T-04N	08436-011	SOLID	103		54		91		65	
T-04W	08436-012	SOLID	88		60		86		66	
T-19-1	08436-013	SOLID	88		58		87		69	
T-10E	08436-014	SOLID	94		56		88		68	
PCB	08436-014MS	SOLID	95		52		88		64	
PCB	08436-014MSD	SOLID	94		54		87		65	
PCB	LCSS120821-08	SOIL	108		56		92		69	
GG-20_(4.0	08194-049	SOIL	135		140		115		105	
T-02W	08436-004	SOLID	75		58		75		72	

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

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120817-09

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	493.9	99	40 - 140
Aroclor-1260	500.0	0.0	404.6	81	40 - 140

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 BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120820-07

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	346.6	69	40 - 140
Aroclor-1260	500.0	0.0	315.3	63	40 - 140

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: LCSS120821-05

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	482.0	96	40 - 140
Aroclor-1260	500.0	0.0	420.7	84	40 - 140

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: LCSS120815-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	552.8	111	40 - 140
Aroclor-1260	500.0	0.0	431.7	86	40 - 140

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: LCSS120821-08

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	411.5	82	40 - 140
Aroclor-1260	500.0	0.0	297.0	59	40 - 140

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 MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 08194-040

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	561.6	112	40 - 140
Aroclor-1260	500.0	0.0	484.9	97	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	# MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	568.6	114	2	50	40 - 140
Aroclor-1260	0.0	466.9	93	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

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 08245-001

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	326.3	65	40 - 140
Aroclor-1260	500.0	0.0	345.1	69	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	335.4	67	3	50	40 - 140
Aroclor-1260	0.0	350.2	70	1	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: 08194-048

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	NC	NC	40 - 140
Aroclor-1260	500.0	0.0	582.0	116	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	NC	NC	NC	50	40 - 140
Aroclor-1260	0.0	649.6	130	11	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: __1___ out of __2__ outside limits

Spike Recovery: __2___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 08194-020

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	NC	NC	40 - 140
Aroclor-1260	500.0	0.0	350.2	70	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	NC		NC	NC	50	40 - 140
Aroclor-1260	0.0	437.0		87	22	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: __1___ out of __2__ outside limits

Spike Recovery: __2___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 08436-014

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	404.5	81	40 - 140
Aroclor-1260	500.0	0.0	279.1	56	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	405.2		81	0	50	40 - 140
Aroclor-1260	0.0	275.3		55	2	50	40 - 140

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

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

PCB METHOD BLANK SUMMARY

Lab File ID:	R3299.D	Instrument ID:	GC-R
Date Extracted:	08/17/2012	Matrix:	SOIL
Date Analyzed:	08/20/2012	Time Analyzed:	17:03

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
Z-39_(6.0-	08194-021	08/20/2012	17:21
Z-39_(7.0-	08194-022	08/20/2012	18:16
DD-29_(5.0	08194-023	08/20/2012	18:33
DD-29_(6.0	08194-024	08/20/2012	18:51
DD-29_(7.0	08194-025	08/20/2012	19:08
II-27_(2.0	08194-027	08/20/2012	19:43
II-27_(4.0	08194-028	08/20/2012	20:00
II-27_(6.0	08194-029	08/20/2012	20:18
EE-18_(0-2	08194-030	08/20/2012	20:35
EE-18_(4.0	08194-032	08/20/2012	21:10
FF-18_(0-2	08194-033	08/20/2012	21:27
FF-18_(2.0	08194-034	08/20/2012	21:45
FF-18_(4.0	08194-035	08/20/2012	22:02
FF-18_(4.7	08194-036	08/20/2012	22:20
FF-19_(0-2	08194-037	08/20/2012	22:37
FF-19_(5.0	08194-040	08/20/2012	23:29
PCB	08194-040MS	08/20/2012	23:47
PCB	08194-040MSD	08/21/2012	00:04
PCB	LCSS120817-09	08/21/2012	00:22
II-27_(0-2	08194-026	08/21/2012	18:30
EE-18_(2.0	08194-031	08/21/2012	18:47
FF-19_(2.0	08194-038	08/21/2012	19:05
FF-19_(4.0	08194-039	08/21/2012	19:22

PCB METHOD BLANK SUMMARY

Lab File ID:	Y1074.D	Instrument ID:	GC-Y
Date Extracted:	08/20/2012	Matrix:	AQUEOUS
Date Analyzed:	08/23/2012	Time Analyzed:	15:12

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
SUM-V12-19	08244-002	08/22/2012	04:36
EO-V12-198	08245-001	08/22/2012	04:53
PLA-V12-19	08246-001	08/22/2012	05:10
OAK-V12-20	08352-001	08/22/2012	05:27
GPECFB0813	08196-010	08/22/2012	06:02
FB3	08409-005	08/22/2012	06:19
PCB	08245-001MS	08/22/2012	06:36
PCB	08245-001MSD	08/22/2012	06:54
PCB	LCSA120820-07	08/22/2012	07:11
FB-31	08194-055	08/23/2012	16:16

PCB METHOD BLANK SUMMARY

Lab File ID: R3393.D

Instrument ID: GC-R

Date Extracted: 08/21/2012

Matrix: SOIL

Date Analyzed: 08/22/2012

Time Analyzed: 08:10

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
B-16/8-8.5	08344-004	08/22/2012	08:27
B-17/8-8.5	08344-005	08/22/2012	08:45
CONCRETE-1	08408-001	08/22/2012	09:02
CONCRETE-2	08408-002	08/22/2012	09:20
CONCRETE-3	08408-003	08/22/2012	09:37
CONCRETE-4	08408-004	08/22/2012	09:54
CONCRETE-5	08408-005	08/22/2012	10:12
CONCRETE-6	08408-006	08/22/2012	10:29
FF-20_(0-2	08194-042	08/22/2012	12:14
FF-20_(2.0	08194-043	08/22/2012	12:32
FF-20_(5.0	08194-045	08/22/2012	13:07
FF-20_(6.0	08194-046	08/22/2012	13:24
GG-20_(0-2	08194-047	08/22/2012	13:42
GG-20_(2.0	08194-048	08/22/2012	13:59
PCB	08194-048MS	08/22/2012	14:17
PCB	08194-048MSD	08/22/2012	14:34
PCB	LCSS120821-05	08/22/2012	14:52
DEBRIS-1	08409-001	08/23/2012	19:02
DEBRIS-2	08409-002	08/23/2012	19:19
DEBRIS-3	08409-003	08/23/2012	19:37
DEBRIS-4	08409-004	08/23/2012	19:54
FF-19_(6.0	08194-041	08/23/2012	20:12
FF-20_(4.0	08194-044	08/23/2012	20:29

PCB METHOD BLANK SUMMARY

Lab File ID: R3367.D Instrument ID: GC-R

Date Extracted: 08/15/2012 Matrix: SOIL

Date Analyzed: 08/22/2012 Time Analyzed: 00:01

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
P-44_(6.0-	08194-003	08/22/2012	00:53
P-44_(7.0-	08194-004	08/22/2012	01:11
K-42_(0-2.	08194-005	08/22/2012	01:28
K-42_(2.0-	08194-006	08/22/2012	01:46
K-42_(4.75	08194-007	08/22/2012	02:03
K-42_(5.0-	08194-008	08/22/2012	02:21
Q-40_(6.0-	08194-009	08/22/2012	02:38
Q-40_(7.0-	08194-010	08/22/2012	02:55
Q-40_(8.0-	08194-011	08/22/2012	03:13
Q-40_(9.0-	08194-012	08/22/2012	03:30
W-38_(5.5-	08194-013	08/22/2012	03:48
W-38_(6.0-	08194-014	08/22/2012	04:05
W-38_(7.0-	08194-015	08/22/2012	04:23
Y-39_(6.5-	08194-016	08/22/2012	04:40
Y-39_(7.0-	08194-017	08/22/2012	04:57
Y-39_(8.0-	08194-018	08/22/2012	05:15
Y-39_(9.0-	08194-019	08/22/2012	05:32
Z-39_(5.5-	08194-020	08/22/2012	05:50
PCB	08194-020MS	08/22/2012	06:07
PCB	08194-020MSD	08/22/2012	06:25
PCB	LCSS120815-02	08/22/2012	07:00
P-44_(5.0-	08194-001	08/23/2012	18:27
P-44_(5.5-	08194-002	08/23/2012	18:44

PCB METHOD BLANK SUMMARY

Lab File ID:	Y1014.D	Instrument ID:	GC-Y
Date Extracted:	08/21/2012	Matrix:	SOIL
Date Analyzed:	08/22/2012	Time Analyzed:	20:03

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
GG-20_(6.0	08194-050	08/22/2012	20:38
GG-20_(6.7	08194-051	08/22/2012	20:55
P-16_(0-2.	08194-052	08/22/2012	21:12
P-16_(2.0-	08194-053	08/22/2012	21:29
P-16_(4.0-	08194-054	08/22/2012	21:46
T-02N	08436-001	08/22/2012	22:03
T-02E	08436-002	08/22/2012	22:21
T-02S	08436-003	08/22/2012	22:38
T-03W	08436-005	08/22/2012	23:12
T-03E	08436-006	08/22/2012	23:29
T-03N	08436-007	08/22/2012	23:47
T-03S	08436-008	08/23/2012	00:04
T-04S	08436-009	08/23/2012	00:21
T-04E	08436-010	08/23/2012	00:38
T-04N	08436-011	08/23/2012	00:55
T-04W	08436-012	08/23/2012	01:12
T-19-1	08436-013	08/23/2012	01:30
T-10E	08436-014	08/23/2012	01:47
PCB	08436-014MS	08/23/2012	02:04
PCB	08436-014MSD	08/23/2012	02:21
PCB	LCSS120821-08	08/23/2012	02:38
GG-20_(4.0	08194-049	08/23/2012	18:42
T-02W	08436-004	08/23/2012	18:59

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

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

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

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

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

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

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

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

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

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

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

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

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

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

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

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

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

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

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

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

GC Column (2nd): DB-1701P

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

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

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 07/27/2012

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

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

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

GC Column (2nd): DB-1701P

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

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

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

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

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

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

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

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

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

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

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

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

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

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

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

Instrument ID: GC-R

GC Column (2nd): RTX-CLP2

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

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

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

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

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

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

GC Column (2nd): DB-1701P

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

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

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/03/2012

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

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

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

GC Column (2nd): DB-1701P

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

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

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/20/2012 **Instrument ID:** GC-R

Data File: R3298.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	3950771	11.83
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4149832	5.38
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	7095090	9.99
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3408619	13.04
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5970415	7.79
Aroclor-1260	9.26	8.35	10.15	14020044	16636863	18.66
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7886449	6.35
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22773964	8.94
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8630306	16.96
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4101711	11.65
					Average %D	11.06

Data File: R3298.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	3156163	14.92
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5782775	6.05
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13061484	8.59
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5612702	11.60
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4463505	12.46
Aroclor-1260	8.74	7.85	9.65	6315488	6903251	9.31
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7576454	3.81
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5237733	3.92
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9903395	1.25
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7196217	11.41
					Average %D	8.33

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/21/2012 **Instrument ID:** GC-R

Data File: R3323.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	3796013	7.45
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	3844471	12.34
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	6601302	2.33
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3192502	5.88
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5423539	2.08
Aroclor-1260	9.26	8.35	10.15	14020044	16213188	15.64
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7523260	1.46
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21501010	14.03
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8874859	14.60
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4395448	5.32
					Average %D	8.11

Data File: R3323.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	3225812	17.46
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	5862911	7.52
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13237980	10.06
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5646005	12.26
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4498491	13.35
Aroclor-1260	8.74	7.85	9.65	6315488	6623404	4.88
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7186835	1.53
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	5115010	1.49
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9959905	0.69
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	6871366	15.41
					Average %D	8.46

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/21/2012 **Instrument ID:** GC-R

Data File: R3350.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	3922627	11.04
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5157882	17.61
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7076139	9.69
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3243473	7.57
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5528985	0.18
Aroclor-1260	9.26	8.35	10.15	14020044	15101189	7.71
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	6404517	13.63
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	24776535	0.93
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	9423448	9.32
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	3959846	14.70
					Average %D	9.24

Data File: R3350.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	3222467	17.34
Aroclor-1016 {2}	4.94	4.86	5.00	5452724	6199160	13.69
Aroclor-1016 {3}	5.71	5.63	5.77	12028338	13458164	11.89
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	5334879	6.07
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	4453980	12.22
Aroclor-1260	8.76	7.85	9.65	6315488	6662418	5.49
Aroclor-1260 {2}	9.17	8.26	10.06	7298547	7534530	3.23
Aroclor-1260 {3}	10.37	9.47	11.27	5040054	5177031	2.72
Aroclor-1260 {4}	10.88	9.98	11.78	10029157	9399456	6.28
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	6787268	16.44
					Average %D	9.54

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/21/2012 **Instrument ID:** GC-R

Data File: R3355.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.90	4.04	3532718	3842297	8.76
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5145782	17.33
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7017252	8.78
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3315568	9.96
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6274282	13.28
Aroclor-1260	9.26	8.35	10.15	14020044	15417292	9.97
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8225571	10.93
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	24533599	1.90
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9648522	7.16
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	5063867	9.08
					Average %D	9.71

Data File: R3355.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	3157407	14.97
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	6083851	11.57
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13763992	14.43
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5852169	16.36
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4569780	15.14
Aroclor-1260	8.74	7.85	9.65	6315488	6890623	9.11
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7660283	4.96
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	5179945	2.78
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9594379	4.34
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7015488	13.63
					Average %D	10.73

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/21/2012 **Instrument ID:** GC-R

Data File: R3366.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	4138976	17.16
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	4785222	9.11
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7101932	10.09
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3156929	4.70
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6339011	14.45
Aroclor-1260	9.26	8.35	10.15	14020044	16437613	17.24
Aroclor-1260 {2}	9.95	9.04	10.84	7415272	8040398	8.43
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22313211	10.78
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	9199577	11.48
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4296502	7.45
					Average %D	11.09

Data File: R3366.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	2941121	7.09
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	6324378	15.99
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13903174	15.59
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5760813	14.54
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4616056	16.31
Aroclor-1260	8.74	7.85	9.65	6315488	7431896	17.68
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	8280104	13.45
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	5528176	9.68
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	10106724	0.77
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7239322	10.88
					Average %D	12.20

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/22/2012 **Instrument ID:** GC-R

Data File: R3391.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	3958660	12.06
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5074733	15.71
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7379191	14.39
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3419165	13.39
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	5977521	7.92
Aroclor-1260	9.26	8.35	10.15	14020044	16497762	17.67
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8400322	13.28
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22048519	11.84
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	8897781	14.38
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4154028	10.52
					Average %D	13.12

Data File: R3391.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	3157143	14.96
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	6066402	11.25
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13748713	14.30
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5848989	16.29
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4599563	15.89
Aroclor-1260	8.74	7.85	9.65	6315488	6966471	10.31
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7801003	6.88
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	5133505	1.85
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	9394170	6.33
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7011073	13.69
					Average %D	11.18

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/22/2012 Instrument ID: GC-R

Data File: R3392.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	4043377	14.46
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5189334	18.32
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7583084	17.55
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3520649	16.76
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6190069	11.76
Aroclor-1260	9.26	8.35	10.15	14020044	15532481	10.79
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	8268784	11.51
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22902973	8.42
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	9040295	13.01
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	3901164	15.97
					Average %D	13.85

Data File: R3392.C GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	3174868	15.60
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	6092042	11.72
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13901334	15.57
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5932021	17.95
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4659546	17.40
Aroclor-1260	8.74	7.85	9.65	6315488	7215103	14.24
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	8067467	10.54
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	5412111	7.38
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	10010671	0.18
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7046049	13.26
					Average %D	12.39

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/22/2012 Instrument ID: GC-R

Data File: R3417.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	3850645	9.00
Aroclor-1016 {2}	4.88	4.80	4.94	4385724	5063814	15.46
Aroclor-1016 {3}	5.47	5.38	5.52	6450796	7358188	14.07
Aroclor-1016 {4}	6.00	5.92	6.06	3015338	3474644	15.23
Aroclor-1016 {5}	6.41	6.33	6.47	5538806	6244562	12.74
Aroclor-1260	9.26	8.35	10.15	14020044	16489207	17.61
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7984898	7.68
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	21605584	13.61
Aroclor-1260 {4}	10.92	10.01	11.81	10392420	8706398	16.22
Aroclor-1260 {5}	11.99	11.08	12.88	4642340	4626842	0.33
					Average %D	12.20

Data File: R3417.C GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	3216176	17.11
Aroclor-1016 {2}	4.92	4.86	5.00	5452724	6220484	14.08
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	13912087	15.66
Aroclor-1016 {4}	5.91	5.84	5.98	5029442	5767881	14.68
Aroclor-1016 {5}	6.09	6.02	6.16	3968810	4531731	14.18
Aroclor-1260	8.74	7.85	9.65	6315488	6902695	9.30
Aroclor-1260 {2}	9.15	8.26	10.06	7298547	7135366	2.24
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	4694342	6.86
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	8916051	11.10
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	7170867	11.72
					Average %D	11.69

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012 **Instrument ID:** GC-R

Data File: R3429.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	2967850	15.99
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	3668481	16.35
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6973319	8.10
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2988689	0.88
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4748213	14.27
Aroclor-1260	9.25	8.35	10.15	14020044	12715713	9.30
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	6779888	8.57
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	22035457	11.89
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	10252453	1.35
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4821282	3.85
					Average %D	9.06

Data File: R3429.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	2820740	2.71
Aroclor-1016 {2}	4.93	4.86	5.00	5452724	4592771	15.77
Aroclor-1016 {3}	5.70	5.63	5.77	12028338	10120881	15.86
Aroclor-1016 {4}	5.92	5.84	5.98	5029442	4573911	9.06
Aroclor-1016 {5}	6.10	6.02	6.16	3968810	3695609	6.88
Aroclor-1260	8.75	7.85	9.65	6315488	5203843	17.60
Aroclor-1260 {2}	9.16	8.26	10.06	7298547	6058289	16.99
Aroclor-1260 {3}	10.36	9.47	11.27	5040054	5347423	6.10
Aroclor-1260 {4}	10.87	9.98	11.78	10029157	9988613	0.40
Aroclor-1260 {5}	11.47	10.58	12.38	8122975	7843397	3.44
					Average %D	9.48

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012 **Instrument ID:** GC-R

Data File: R3439.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	3664750	3.74
Aroclor-1016 {2}	4.87	4.80	4.94	4385724	4046730	7.73
Aroclor-1016 {3}	5.46	5.38	5.52	6450796	6131378	4.95
Aroclor-1016 {4}	5.99	5.92	6.06	3015338	2847563	5.56
Aroclor-1016 {5}	6.40	6.33	6.47	5538806	4962719	10.40
Aroclor-1260	9.25	8.35	10.15	14020044	12246454	12.65
Aroclor-1260 {2}	9.94	9.04	10.84	7415272	7676021	3.52
Aroclor-1260 {3}	10.42	9.51	11.31	25008604	24663690	1.38
Aroclor-1260 {4}	10.91	10.01	11.81	10392420	11536201	11.01
Aroclor-1260 {5}	11.98	11.08	12.88	4642340	4854636	4.57
					Average %D	6.55

Data File: R3439.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.24	4.38	2746355	2766590	0.74
Aroclor-1016 {2}	4.91	4.86	5.00	5452724	5226649	4.15
Aroclor-1016 {3}	5.69	5.63	5.77	12028338	11230826	6.63
Aroclor-1016 {4}	5.90	5.84	5.98	5029442	4540102	9.73
Aroclor-1016 {5}	6.08	6.02	6.16	3968810	3697502	6.84
Aroclor-1260	8.74	7.85	9.65	6315488	5496482	12.97
Aroclor-1260 {2}	9.14	8.26	10.06	7298547	6307757	13.58
Aroclor-1260 {3}	10.35	9.47	11.27	5040054	4374706	13.20
Aroclor-1260 {4}	10.86	9.98	11.78	10029157	11000472	9.68
Aroclor-1260 {5}	11.46	10.58	12.38	8122975	8002375	1.48
					Average %D	7.90

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/22/2012 **Instrument ID:** GC-Y

Data File: Y0967.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	1886163	14.81
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2477452	8.93
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3538702	14.14
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1780477	19.00
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2830922	13.88
Aroclor-1260	8.34	7.43	9.23	7263492	8320088	14.55
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3360830	6.05
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9160262	11.00
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	4345389	5.14
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1857703	10.38
					Average %D	11.79

Data File: Y0967.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	596839	6.83
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1156827	9.11
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2675639	7.77
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1127542	9.54
Aroclor-1016 {5}	5.51	5.45	5.59	971379	890381	8.34
Aroclor-1260	7.87	6.99	8.79	1075405	1014221	5.69
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1496799	5.54
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1279704	3.41
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2714026	5.96
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1896049	6.71
					Average %D	6.89

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/22/2012 **Instrument ID:** GC-Y

Data File: Y0980.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1642902	1886139	14.81
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2512546	10.47
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3526312	13.74
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1661252	11.04
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2835275	14.06
Aroclor-1260	8.34	7.43	9.23	7263492	8503027	17.07
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3455643	9.05
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	9502897	15.15
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	4541667	9.89
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1909275	13.44
					Average %D	12.87

Data File: Y0980.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	591400	7.68
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1142781	10.22
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2635694	9.15
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1118298	10.28
Aroclor-1016 {5}	5.51	5.45	5.59	971379	883318	9.07
Aroclor-1260	7.87	6.99	8.79	1075405	1015202	5.60
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1500052	5.34
Aroclor-1260 {3}	9.71	8.83	10.63	1324822	1291684	2.50
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2740231	5.05
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1916941	5.69
					Average %D	7.06

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012 **Instrument ID:** GC-Y

Data File: Y1073.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	1804699	9.85
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2342881	3.01
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3346663	7.94
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1732923	15.83
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2671573	7.47
Aroclor-1260	8.34	7.43	9.23	7263492	7448271	2.54
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2962484	6.52
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7921041	4.02
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3745010	9.38
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1539402	8.53
					Average %D	7.51

Data File: Y1073.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	568907	11.19
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1100473	13.54
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2539385	12.47
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1066589	14.43
Aroclor-1016 {5}	5.51	5.45	5.59	971379	844124	13.10
Aroclor-1260	7.87	6.99	8.79	1075405	953877	11.30
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1399654	11.67
Aroclor-1260 {3}	9.71	8.83	10.63	1324822	1210080	8.66
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2562890	11.19
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1851406	8.91
					Average %D	11.65

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/22/2012 **Instrument ID:** GC-Y

Data File: Y1013.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	1823945	11.02
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2372881	4.33
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3418625	10.27
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1615539	7.98
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2731821	9.90
Aroclor-1260	8.34	7.43	9.23	7263492	8034755	10.62
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3241793	2.30
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8945864	8.40
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	4229527	2.34
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1642024	2.44
					Average %D	6.96

Data File: Y1013.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	576635	9.98
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1112921	12.56
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2562585	11.67
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1091211	12.45
Aroclor-1016 {5}	5.52	5.45	5.59	971379	860251	11.44
Aroclor-1260	7.87	6.99	8.79	1075405	982436	8.64
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1459211	7.91
Aroclor-1260 {3}	9.71	8.83	10.63	1324822	1258424	5.01
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2688006	6.86
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1897166	6.66
					Average %D	9.32

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012 **Instrument ID:** GC-Y

Data File: Y1038.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	1668005	1.53
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2138361	5.98
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	2962175	4.46
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1475453	1.38
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2269665	8.69
Aroclor-1260	8.34	7.43	9.23	7263492	6208572	14.52
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2711307	14.44
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	7258556	12.05
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3521157	14.80
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1692374	0.56
					Average %D	7.84

Data File: Y1038.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	543401	15.17
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1057821	16.89
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2417702	16.66
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1226726	1.58
Aroclor-1016 {5}	5.52	5.45	5.59	971379	1031164	6.15
Aroclor-1260	7.87	6.99	8.79	1075405	902096	16.12
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1317041	16.89
Aroclor-1260 {3}	9.71	8.83	10.63	1324822	1134912	14.33
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2462277	14.68
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1899139	6.56
					Average %D	12.50

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012 **Instrument ID:** GC-Y

Data File: Y1077.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	1872648	13.98
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2451597	7.79
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3496492	12.78
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1575935	5.33
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2784414	12.01
Aroclor-1260	8.34	7.43	9.23	7263492	7904866	8.83
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3130789	1.20
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8335540	1.00
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3948863	4.45
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1817613	8.00
					Average %D	7.54

Data File: Y1077.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	586236	8.49
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1133658	10.93
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2609574	10.05
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1095891	12.08
Aroclor-1016 {5}	5.51	5.45	5.59	971379	869672	10.47
Aroclor-1260	7.87	6.99	8.79	1075405	981755	8.71
Aroclor-1260 {2}	8.12	7.24	9.04	1584623	1430429	9.73
Aroclor-1260 {3}	9.71	8.83	10.63	1324822	1226173	7.45
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2600555	9.89
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1823066	10.31
					Average %D	9.81

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012 **Instrument ID:** GC-Y

Data File: Y1078.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	1937525	17.93
Aroclor-1016 {2}	4.11	4.04	4.18	2274432	2483862	9.21
Aroclor-1016 {3}	4.66	4.59	4.73	3100344	3578399	15.42
Aroclor-1016 {4}	5.16	5.10	5.24	1496150	1583649	5.85
Aroclor-1016 {5}	5.56	5.49	5.63	2485801	2850421	14.67
Aroclor-1260	8.34	7.43	9.23	7263492	7975082	9.80
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	3062013	3.38
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8266757	0.17
Aroclor-1260 {4}	9.96	9.06	10.86	4132782	3880789	6.10
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1553205	7.71
					Average %D	9.02

Data File: Y1078.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	594803	7.15
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1148758	9.75
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2652591	8.57
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1108761	11.04
Aroclor-1016 {5}	5.51	5.45	5.59	971379	883285	9.07
Aroclor-1260	7.87	6.99	8.79	1075405	998174	7.18
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1463701	7.63
Aroclor-1260 {3}	9.72	8.83	10.63	1324822	1228118	7.30
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2577895	10.67
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1803368	11.27
					Average %D	8.96

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 08/23/2012 **Instrument ID:** GC-Y

Data File: Y1085.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	1906535	16.05
Aroclor-1016 {2}	4.12	4.04	4.18	2274432	2422193	6.50
Aroclor-1016 {3}	4.67	4.59	4.73	3100344	3528139	13.80
Aroclor-1016 {4}	5.17	5.10	5.24	1496150	1601935	7.07
Aroclor-1016 {5}	5.57	5.49	5.63	2485801	2814972	13.24
Aroclor-1260	8.34	7.43	9.23	7263492	7718121	6.26
Aroclor-1260 {2}	9.01	8.11	9.91	3168969	2979748	5.97
Aroclor-1260 {3}	9.48	8.58	10.38	8252774	8033167	2.66
Aroclor-1260 {4}	9.97	9.06	10.86	4132782	3912637	5.33
Aroclor-1260 {5}	11.02	10.12	11.92	1683008	1915089	13.79
					Average %D	9.07

Data File: Y1085.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.72	3.86	640595	607031	5.24
Aroclor-1016 {2}	4.38	4.32	4.46	1272837	1172471	7.89
Aroclor-1016 {3}	5.13	5.07	5.21	2901089	2707892	6.66
Aroclor-1016 {4}	5.34	5.28	5.42	1246404	1124654	9.77
Aroclor-1016 {5}	5.52	5.45	5.59	971379	899227	7.43
Aroclor-1260	7.87	6.99	8.79	1075405	1011443	5.95
Aroclor-1260 {2}	8.13	7.24	9.04	1584623	1479481	6.64
Aroclor-1260 {3}	9.71	8.83	10.63	1324822	1223772	7.63
Aroclor-1260 {4}	10.22	9.34	11.14	2885884	2536772	12.10
Aroclor-1260 {5}	10.81	9.93	11.73	2032527	1756248	13.59
					Average %D	8.29

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** 3.38 **DCB 2** 13.17

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120817-09	08/20/2012	17:03	3.47		13.10		3.38		13.17	
Z-39_(6.0-	08194-021	08/20/2012	17:21	3.47		13.10		3.38		13.17	
Z-39_(7.0-	08194-022	08/20/2012	18:16	3.47		13.11		3.40		13.18	
DD-29_(5.0	08194-023	08/20/2012	18:33	3.49		13.10		3.40		13.17	
DD-29_(6.0	08194-024	08/20/2012	18:51	3.49		13.10		3.40		13.17	
DD-29_(7.0	08194-025	08/20/2012	19:08	3.47		13.10		3.38		13.17	
II-27_(2.0	08194-027	08/20/2012	19:43	3.47		13.10		3.38		13.17	
II-27_(4.0	08194-028	08/20/2012	20:00	3.47		13.10		3.38		13.17	
II-27_(6.0	08194-029	08/20/2012	20:18	3.47		13.10		3.38		13.17	
EE-18_(0-2	08194-030	08/20/2012	20:35	3.49		13.10		3.40		13.17	
EE-18_(4.0	08194-032	08/20/2012	21:10	3.47		13.10		3.38		13.17	
FF-18_(0-2	08194-033	08/20/2012	21:27	3.47		13.10		3.38		13.17	
FF-18_(2.0	08194-034	08/20/2012	21:45	0.00	D	0.00	D	0.00	D	0.00	D
FF-18_(4.0	08194-035	08/20/2012	22:02	3.47		13.10		3.38		13.17	
FF-18_(4.7	08194-036	08/20/2012	22:20	3.47		13.10		3.38		13.17	
FF-19_(0-2	08194-037	08/20/2012	22:37	3.47		13.10		3.38		13.17	
FF-19_(5.0	08194-040	08/20/2012	23:29	3.49		13.10		3.40		13.16	
PCB	08194-040MS	08/20/2012	23:47	3.47		13.10		3.38		13.17	
PCB	08194-040MSD	08/21/2012	00:04	3.48		13.10		3.40		13.16	
PCB	LCSS120817-09	08/21/2012	00:22	3.49		13.10		3.40		13.17	
II-27_(0-2	08194-026	08/21/2012	18:30	3.49		13.11		3.41		13.18	
EE-18_(2.0	08194-031	08/21/2012	18:47	3.48		13.10		3.40		13.17	
FF-19_(2.0	08194-038	08/21/2012	19:05	3.49		13.10		3.40		13.17	
FF-19_(4.0	08194-039	08/21/2012	19:22	3.48		13.10		3.39		13.17	

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	3.49	DCB 1	13.10	TCMX 2	3.40	DCB 2	13.16

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120815-02	08/22/2012	00:01	3.49		13.10		3.40		13.16	
P-44_(6.0-	08194-003	08/22/2012	00:53	3.49		13.10		3.40		13.16	
P-44_(7.0-	08194-004	08/22/2012	01:11	3.47		13.10		3.38		13.17	
K-42_(0-2.	08194-005	08/22/2012	01:28	0.00	D	0.00	D	0.00	D	0.00	D
K-42_(2.0-	08194-006	08/22/2012	01:46	0.00	D	0.00	D	0.00	D	0.00	D
K-42_(4.75	08194-007	08/22/2012	02:03	3.49		13.10		3.40		13.16	
K-42_(5.0-	08194-008	08/22/2012	02:21	3.49		13.10		3.40		13.16	
Q-40_(6.0-	08194-009	08/22/2012	02:38	3.49		13.10		3.40		13.16	
Q-40_(7.0-	08194-010	08/22/2012	02:55	3.49		13.10		3.40		13.16	
Q-40_(8.0-	08194-011	08/22/2012	03:13	3.49		13.10		3.40		13.16	
Q-40_(9.0-	08194-012	08/22/2012	03:30	3.49		13.10		3.40		13.16	
W-38_(5.5-	08194-013	08/22/2012	03:48	3.49		13.10		3.40		13.16	
W-38_(6.0-	08194-014	08/22/2012	04:05	3.49		13.10		3.39		13.16	
W-38_(7.0-	08194-015	08/22/2012	04:23	3.47		13.10		3.38		13.17	
Y-39_(6.5-	08194-016	08/22/2012	04:40	3.47		13.10		3.38		13.16	
Y-39_(7.0-	08194-017	08/22/2012	04:57	3.47		13.10		3.38		13.16	
Y-39_(8.0-	08194-018	08/22/2012	05:15	3.47		13.10		3.38		13.17	
Y-39_(9.0-	08194-019	08/22/2012	05:32	3.47		13.10		3.38		13.16	
Z-39_(5.5-	08194-020	08/22/2012	05:50	3.47		13.10		3.39		13.16	
PCB	08194-020MS	08/22/2012	06:07	3.49		13.10		3.40		13.16	
PCB	08194-020MSD	08/22/2012	06:25	3.49		13.10		3.40		13.16	
PCB	LCSS120815-02	08/22/2012	07:00	3.49		13.10		3.40		13.16	
P-44_(5.0-	08194-001	08/23/2012	18:27	0.00	D	0.00	D	0.00	D	0.00	D
P-44_(5.5-	08194-002	08/23/2012	18:44	0.00	D	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

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

DCB = Decachlorobiphenyl (± 0.10 Minutes)

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

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-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** 12.49

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
SUM-V12-19	08244-002	08/22/2012	04:36	2.82		12.10		2.91		12.49	
EO-V12-198	08245-001	08/22/2012	04:53	2.82		12.10		2.91		12.49	
PLA-V12-19	08246-001	08/22/2012	05:10	2.82		12.10		2.91		12.48	
OAK-V12-20	08352-001	08/22/2012	05:27	2.82		12.11		2.91		12.49	
GPECFB0813	08196-010	08/22/2012	06:02	2.82		12.10		2.91		12.49	
FB3	08409-005	08/22/2012	06:19	2.82		12.10		2.91		12.49	
PCB	08245-001MS	08/22/2012	06:36	2.82		12.10		2.91		12.49	
PCB	08245-001MSD	08/22/2012	06:54	2.82		12.10		2.91		12.49	
PCB	LCSA120820-07	08/22/2012	07:11	2.82		12.10		2.91		12.49	
PCB	BLKA120820-07	08/23/2012	15:12	2.81		12.11		2.92		12.50	
FB-31	08194-055	08/23/2012	16:16	2.82		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 3.49 **DCB 1** 13.10 **TCMX 2** 3.40 **DCB 2** 13.16

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120821-05	08/22/2012	08:10	3.49		13.10		3.40		13.16	
B-16/8-8.5	08344-004	08/22/2012	08:27	3.48		13.10		3.39		13.16	
B-17/8-8.5	08344-005	08/22/2012	08:45	3.49		13.10		3.40		13.16	
CONCRETE-1	08408-001	08/22/2012	09:02	3.49		13.10		3.40		13.16	
CONCRETE-2	08408-002	08/22/2012	09:20	3.49		13.10		3.40		13.16	
CONCRETE-3	08408-003	08/22/2012	09:37	3.47		13.10		3.39		13.16	
CONCRETE-4	08408-004	08/22/2012	09:54	3.49		13.10		3.40		13.17	
CONCRETE-5	08408-005	08/22/2012	10:12	3.49		13.10		3.40		13.17	
CONCRETE-6	08408-006	08/22/2012	10:29	3.51		13.12		3.42		13.18	
FF-20_(0-2	08194-042	08/22/2012	12:14	3.49		13.10		3.40		13.16	
FF-20_(2.0	08194-043	08/22/2012	12:32	3.49		13.10		3.40		13.16	
FF-20_(5.0	08194-045	08/22/2012	13:07	3.49		13.10		3.40		13.17	
FF-20_(6.0	08194-046	08/22/2012	13:24	3.49		13.10		3.39		13.17	
GG-20_(0-2	08194-047	08/22/2012	13:42	3.49		13.10		3.40		13.16	
GG-20_(2.0	08194-048	08/22/2012	13:59	3.49		13.10		3.40		13.17	
PCB	08194-048MS	08/22/2012	14:17	3.49		13.10		3.40		13.17	
PCB	08194-048MSD	08/22/2012	14:34	3.49		13.10		3.40		13.17	
PCB	LCSS120821-05	08/22/2012	14:52	3.49		13.10		3.40		13.17	
DEBRIS-1	08409-001	08/23/2012	19:02	3.47		13.10		3.38		13.16	
DEBRIS-2	08409-002	08/23/2012	19:19	3.47		13.10		3.38		13.17	
DEBRIS-3	08409-003	08/23/2012	19:37	3.47		13.10		3.38		13.17	
DEBRIS-4	08409-004	08/23/2012	19:54	3.47		13.10		3.38		13.16	
FF-19_(6.0	08194-041	08/23/2012	20:12	3.47		13.09		3.38		13.16	
FF-20_(4.0	08194-044	08/23/2012	20:29	3.47		13.10		3.38		13.16	

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** 12.11 **TCMX 2** 2.91 **DCB 2** 12.49

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120821-08	08/22/2012	20:03	2.82		12.11		2.91		12.49	
GG-20_(6.0	08194-050	08/22/2012	20:38	2.82		12.10		2.91		12.49	
GG-20_(6.7	08194-051	08/22/2012	20:55	2.82		12.10		2.91		12.49	
P-16_(0-2.	08194-052	08/22/2012	21:12	2.82		12.10		2.91		12.49	
P-16_(2.0-	08194-053	08/22/2012	21:29	2.82		12.10		2.91		12.48	
P-16_(4.0-	08194-054	08/22/2012	21:46	2.82		12.10		2.91		12.49	
T-02N	08436-001	08/22/2012	22:03	2.82		12.10		2.91		12.48	
T-02E	08436-002	08/22/2012	22:21	2.82		12.10		2.91		12.49	
T-02S	08436-003	08/22/2012	22:38	2.82		12.10		2.91		12.49	
T-03W	08436-005	08/22/2012	23:12	2.82		12.10		2.91		12.49	
T-03E	08436-006	08/22/2012	23:29	2.82		12.10		2.91		12.48	
T-03N	08436-007	08/22/2012	23:47	2.82		12.10		2.91		12.48	
T-03S	08436-008	08/23/2012	00:04	2.82		12.10		2.91		12.49	
T-04S	08436-009	08/23/2012	00:21	2.82		12.10		2.91		12.49	
T-04E	08436-010	08/23/2012	00:38	2.82		12.10		2.91		12.49	
T-04N	08436-011	08/23/2012	00:55	2.82		12.10		2.91		12.49	
T-04W	08436-012	08/23/2012	01:12	2.82		12.10		2.91		12.49	
T-19-1	08436-013	08/23/2012	01:30	2.82		12.10		2.91		12.48	
T-10E	08436-014	08/23/2012	01:47	2.82		12.10		2.91		12.48	
PCB	08436-014MS	08/23/2012	02:04	2.82		12.10		2.91		12.49	
PCB	08436-014MSD	08/23/2012	02:21	2.82		12.10		2.91		12.48	
PCB	LCSS120821-08	08/23/2012	02:38	2.82		12.10		2.91		12.49	
GG-20_(4.0	08194-049	08/23/2012	18:42	2.82		12.11		2.91		12.49	
T-02W	08436-004	08/23/2012	18:59	2.82		12.10		2.91		12.48	

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 (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : R3430.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 18:27
Operator : YG
Sample : P-44_(5.0-,08194-001,S,5.00g,68.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:45:16 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	5.29	5.68	1434.4E6	1105.5E6	188.303	197.944	
24) L6 Aroclor-1248 {2}	5.86	6.28	596.1E6	1471.5E6	138.957	184.271	#
25) L6 Aroclor-1248 {3}	6.19	6.69	485.8E6	719.8E6	88.448	120.597	#
26) L6 Aroclor-1248 {4}	6.91	6.84	854.6E6	448.0E6	100.297	87.734	
27) L6 Aroclor-1248 {5}	7.20	7.20	362.1E6	254.0E6	50.577	87.968	#
Sum Aroclor-1248			3733.0E6	3998.7E6	566.582	678.514	
Average Aroclor-1248					113.316	135.703	
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	

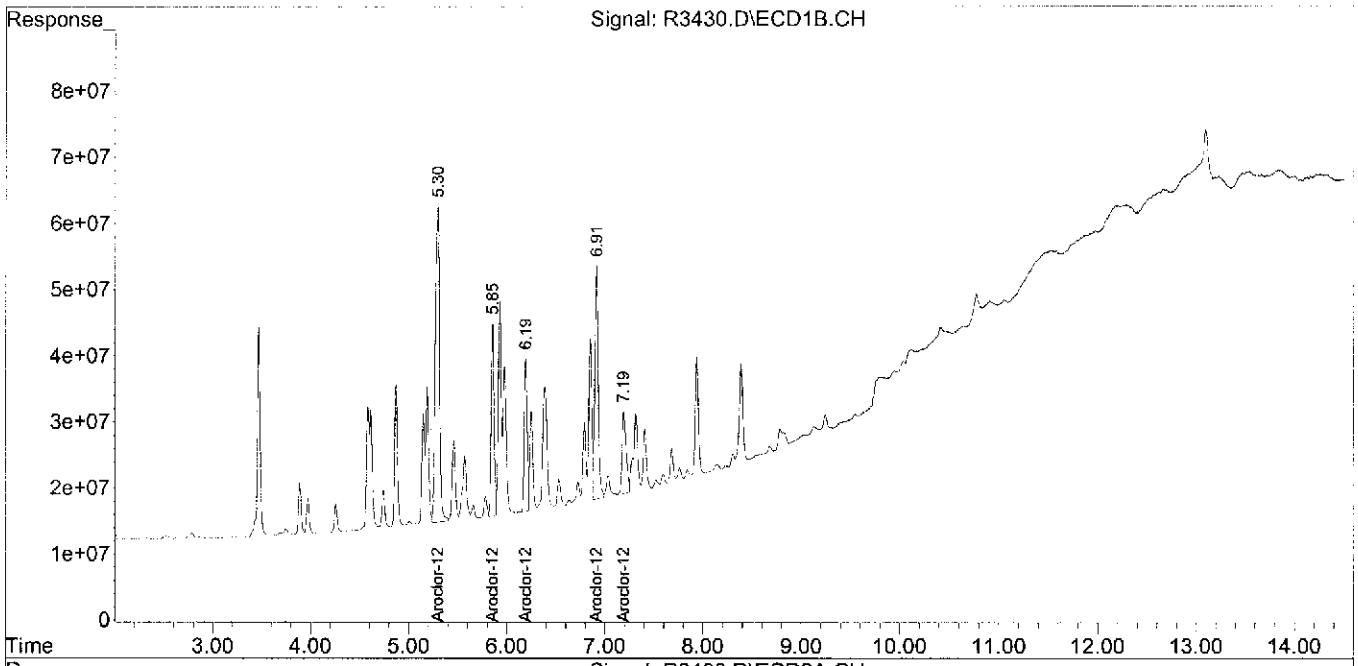
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

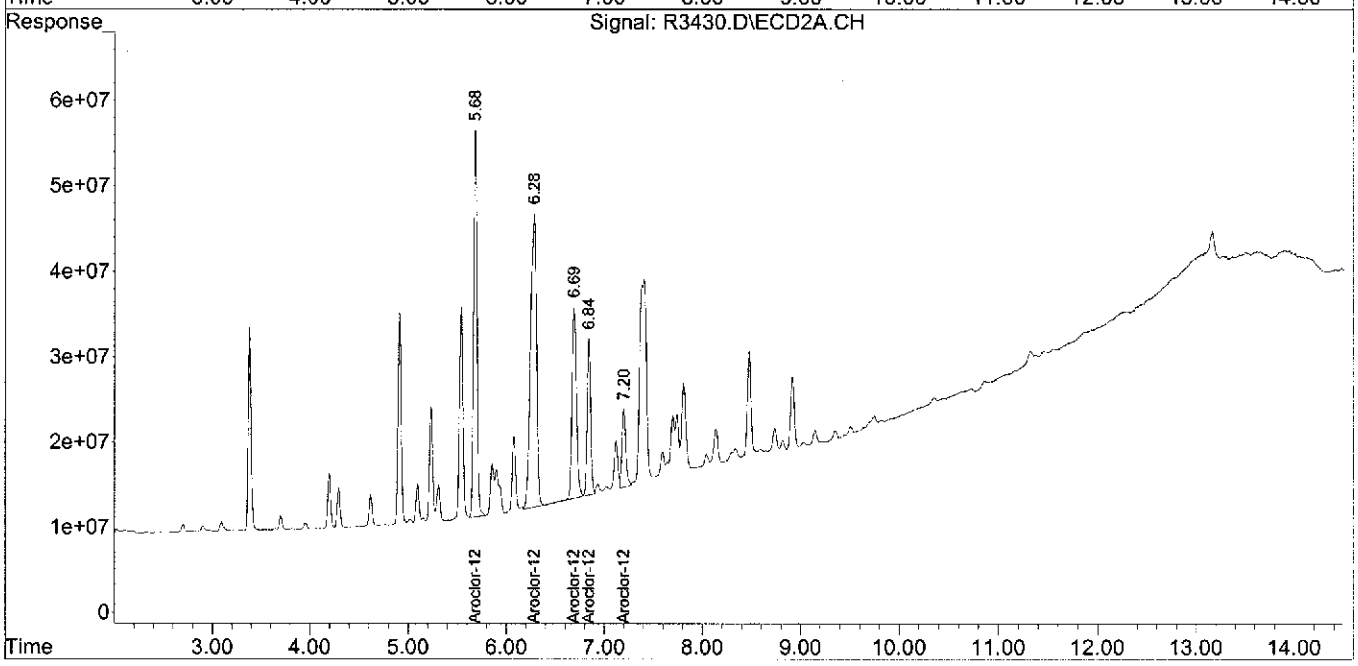
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : R3430.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 18:27
Operator : YG
Sample : P-44_(5.0-,08194-001,S,5.00g,68.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:45:16 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\08-23-12\
Data File : R3431.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 18:44
Operator : YG
Sample : P-44_(5.5-,08194-002,S,5.00g,28.1,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:46:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
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	5.29	5.68	1214.4E6	942.9E6	159.424	168.844
24) L6 Aroclor-1248 {2}	5.85	6.28	579.9E6	1194.3E6	135.164	149.567
25) L6 Aroclor-1248 {3}	6.19	6.69	676.7E6	813.4E6	123.201	136.283
26) L6 Aroclor-1248 {4}	6.92	6.84	1093.9E6	631.4E6	128.390	123.664
27) L6 Aroclor-1248 {5}	7.20	7.20	739.4E6	374.5E6	103.277	129.698 #
Sum Aroclor-1248			4304.2E6	3956.6E6	649.457	708.056
Average Aroclor-1248					129.891	141.611
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

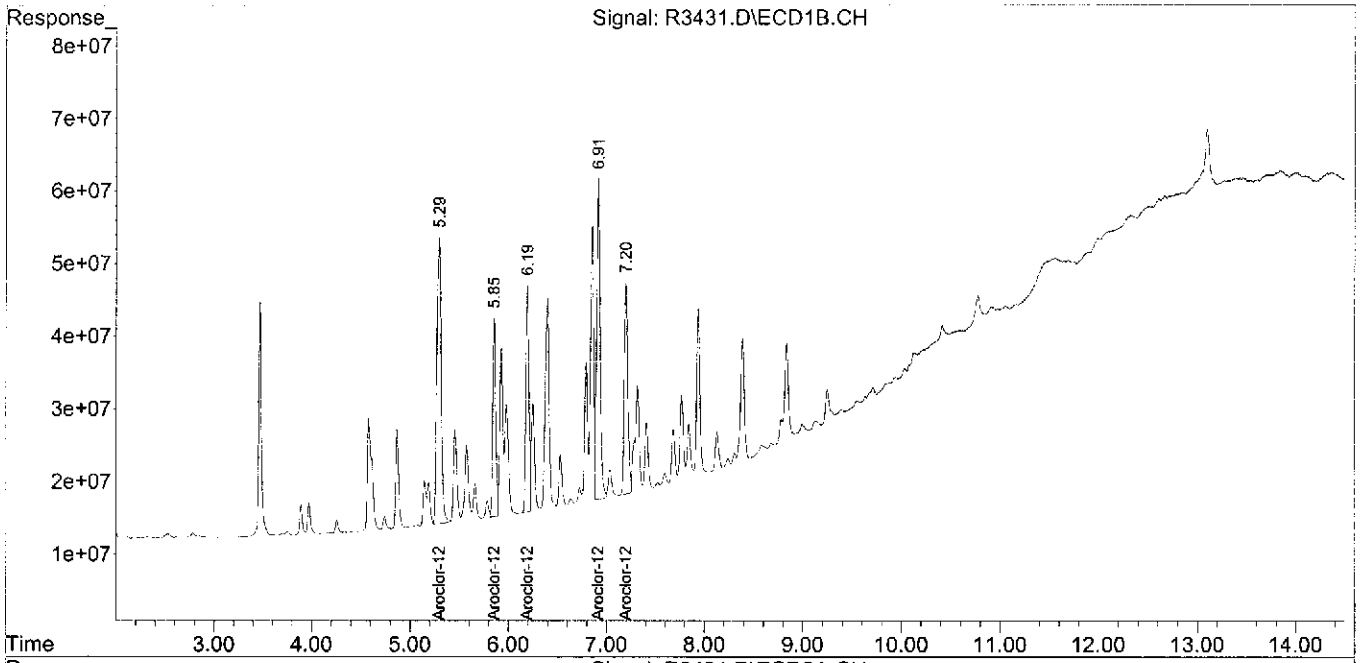
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

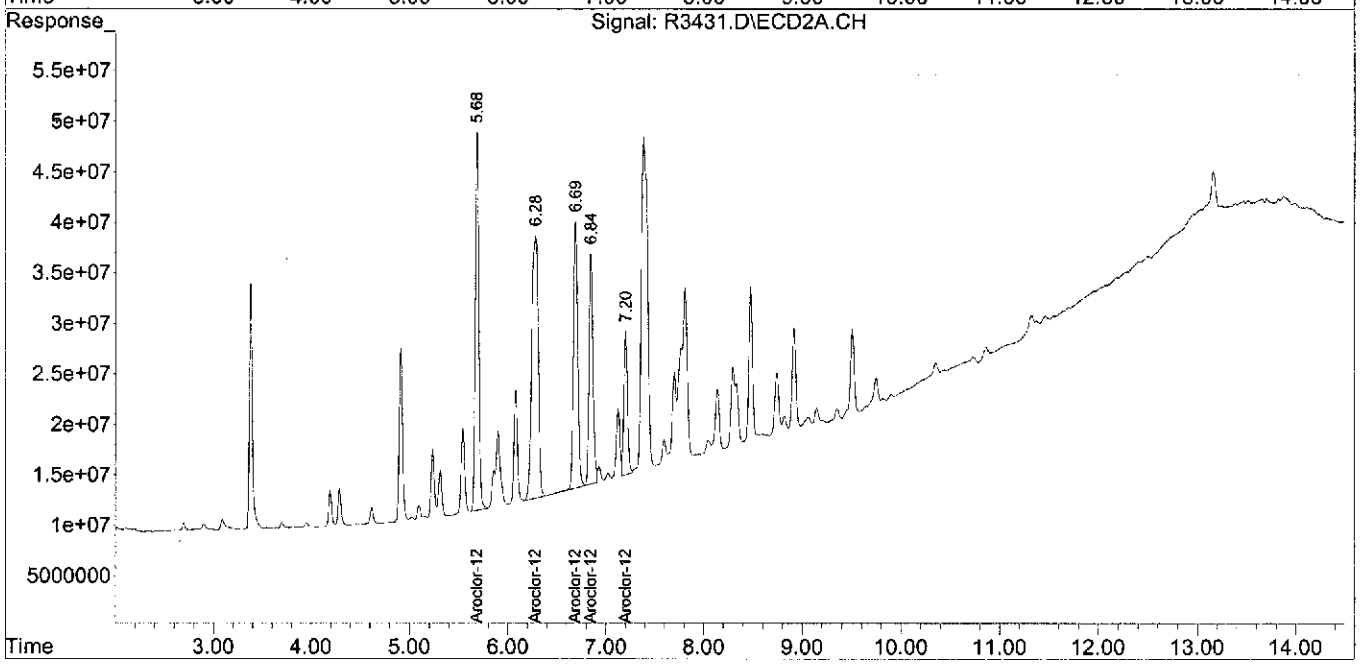
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : R3431.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 18:44
Operator : YG
Sample : P-44_(5.5-,08194-002,S,5.00g,28.1,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:46:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3370.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 00:53
Operator : YG
Sample : P-44_(6.0-,08194-003,S,5.00g,24.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:13:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	40168.5E6	34408.7E6	233.785	239.032
Spiked Amount 200.000			Recovery	=	116.89%	119.52%
2) S DCB	13.10	13.16	8057.3E6	4555.6E6	138.028	113.730
Spiked Amount 200.000			Recovery	=	69.01%	56.87%
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	5.69	12618.6E6	9282.1E6	1656.572	1662.078
24) L6 Aroclor-1248 {2}	5.87	6.29	4552.7E6	10455.6E6	1061.247	1309.345
25) L6 Aroclor-1248 {3}	6.21	6.70	4374.0E6	5728.7E6	796.288	959.861
26) L6 Aroclor-1248 {4}	6.93	6.85	7929.5E6	3944.8E6	930.667	772.562
27) L6 Aroclor-1248 {5}	7.21	7.21	4209.3E6	2272.1E6	587.976	786.776 #
Sum Aroclor-1248			33684.1E6	31683.3E6	5032.751	5490.621
Average Aroclor-1248					1006.550	1098.124
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

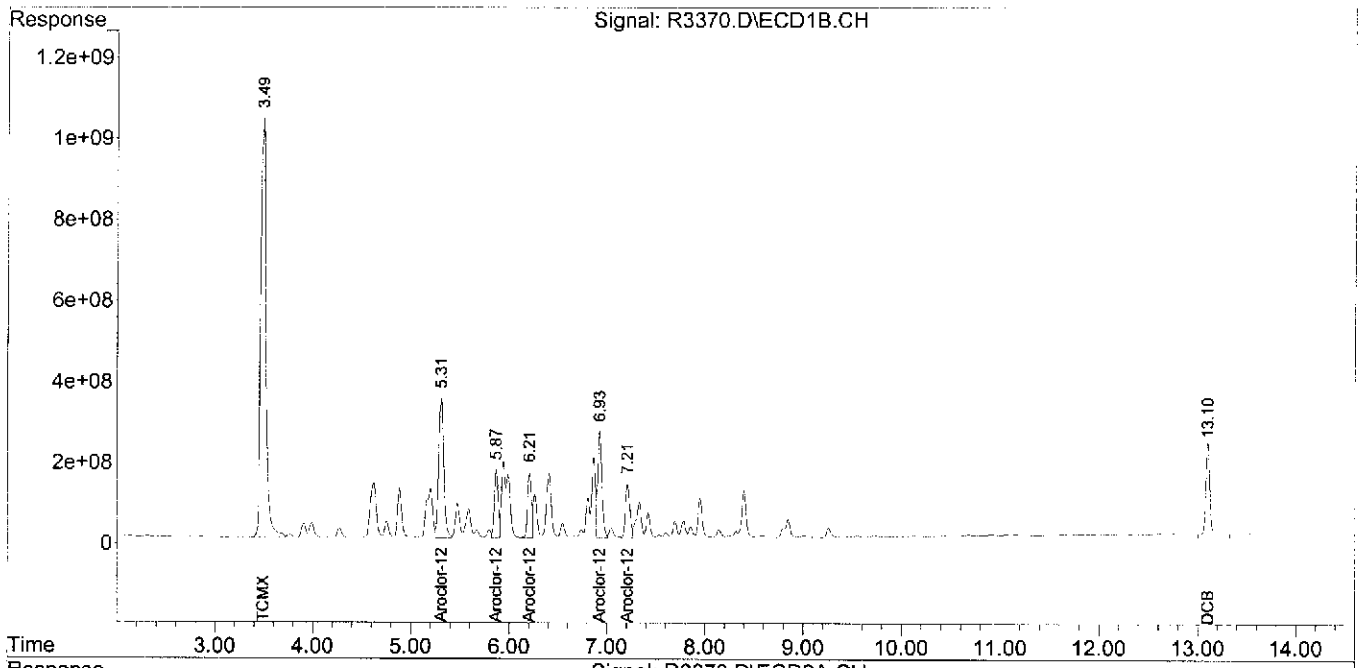
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

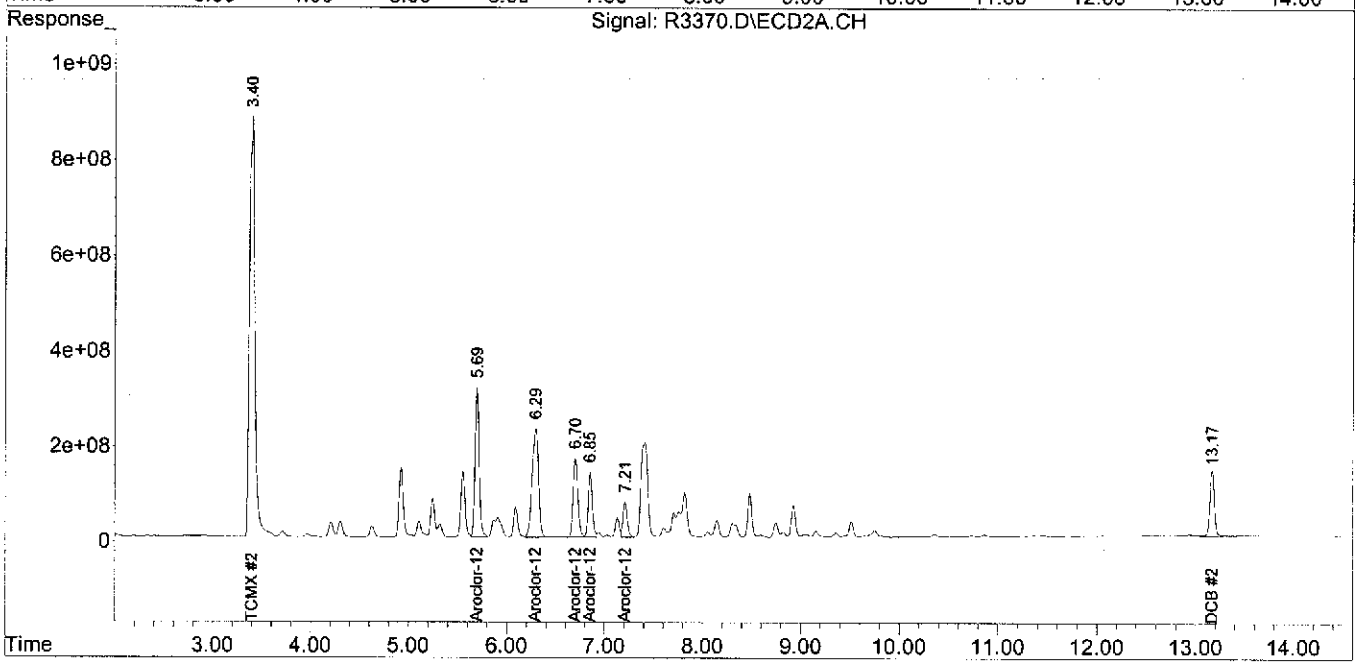
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3370.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 00:53
Operator : YG
Sample : P-44_(6.0-,08194-003,S,5.00g,24.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:13:14 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3372.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 1:28
Operator : YG
Sample : K-42_(0-2.,08194-005,S,5.00g,15.0,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:16:34 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	2090.7E6	1734.7E6	274.467	310.615
24) L6 Aroclor-1248 {2}	5.87	6.30	1587.1E6	4043.8E6	369.956	506.401 #
25) L6 Aroclor-1248 {3}	6.21	6.70	1743.6E6	2980.3E6	317.430	499.361 #
26) L6 Aroclor-1248 {4}	6.93	6.85	8111.9E6	3561.4E6	952.083	697.483 #
27) L6 Aroclor-1248 {5}	7.21	7.21	5969.1E6	2273.9E6	833.797	787.397
Sum Aroclor-1248			19502.5E6	14594.1E6	2747.734	2801.258
Average Aroclor-1248					549.547	560.252
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

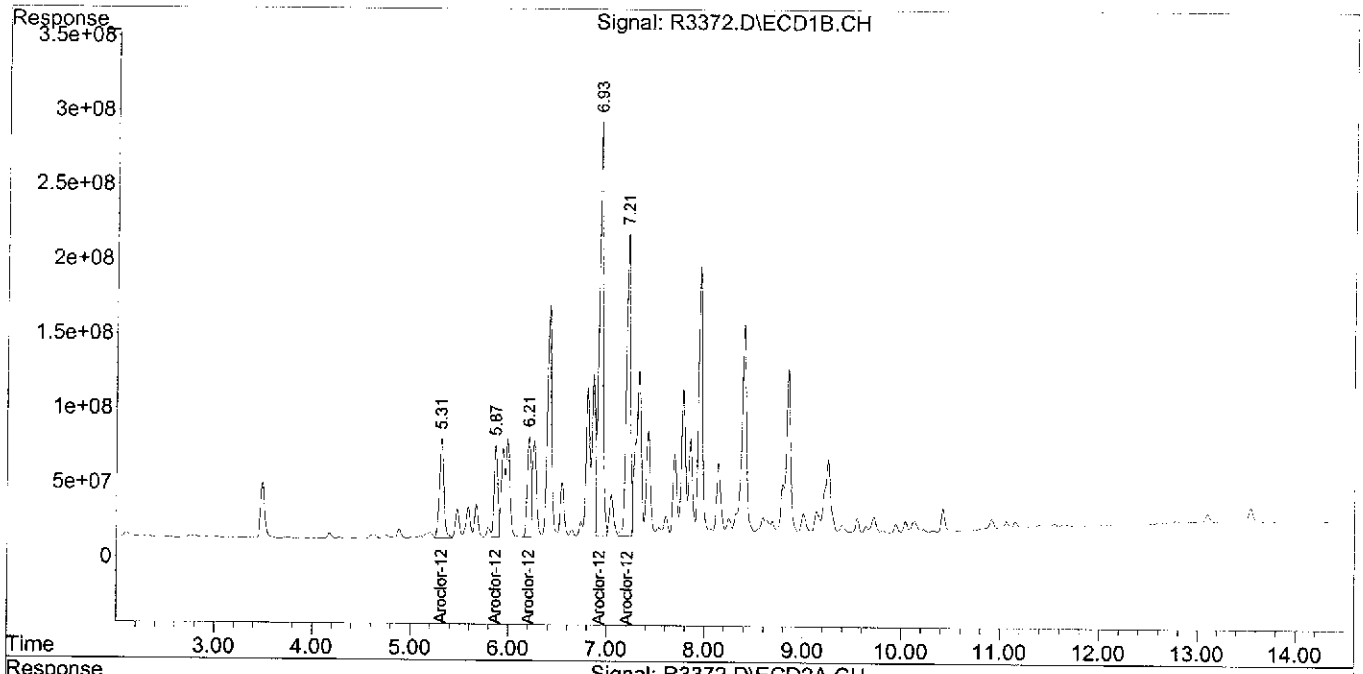
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

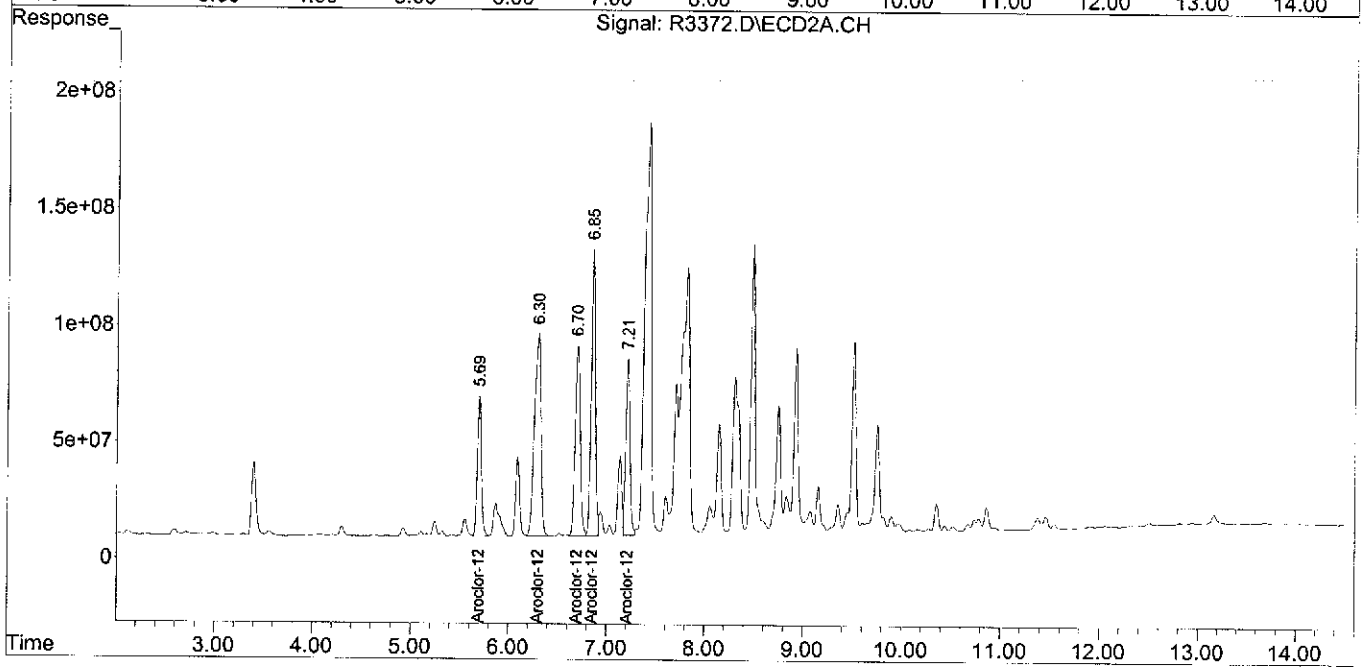
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3372.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 1:28
Operator : YG
Sample : K-42_(0-2.,08194-005,S,5.00g,15.0,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:16:34 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\08-21-12\
Data File : R3373.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 1:46
Operator : YG
Sample : K-42_(2.0-,08194-006,S,5.00g,38.3,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:20:15 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	5.69	9828.5E6	7608.0E6	1290.291	1362.304
24) L6 Aroclor-1248 {2}	5.87	6.29	3462.5E6	8907.3E6	807.120	1115.453 #
25) L6 Aroclor-1248 {3}	6.19	6.70	9595.1E6	5450.5E6	1746.783	913.257 #
26) L6 Aroclor-1248 {4}	6.93	6.85	7183.1E6	3709.9E6	843.067	726.568
27) L6 Aroclor-1248 {5}	0.00	7.21	0	2313.9E6	N.D. d	801.255 #
Sum Aroclor-1248			30069.3E6	27989.7E6	4687.261	4918.837
Average Aroclor-1248					1171.815	983.767
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

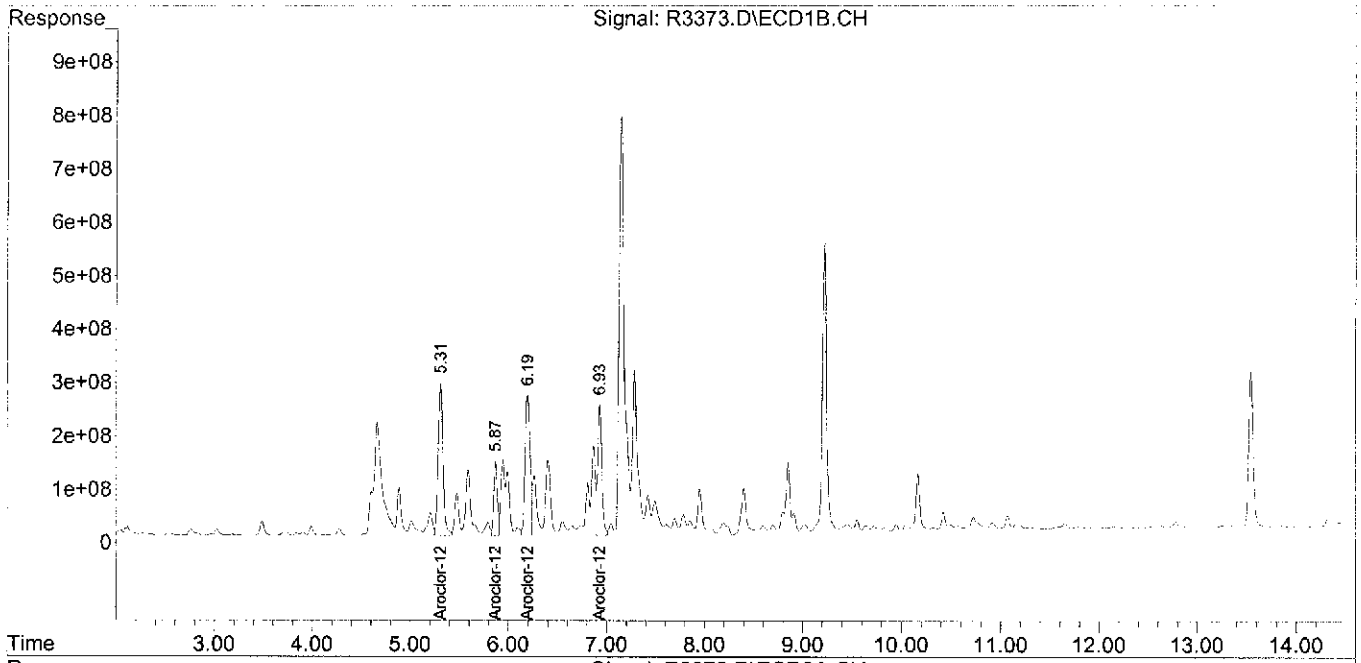
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

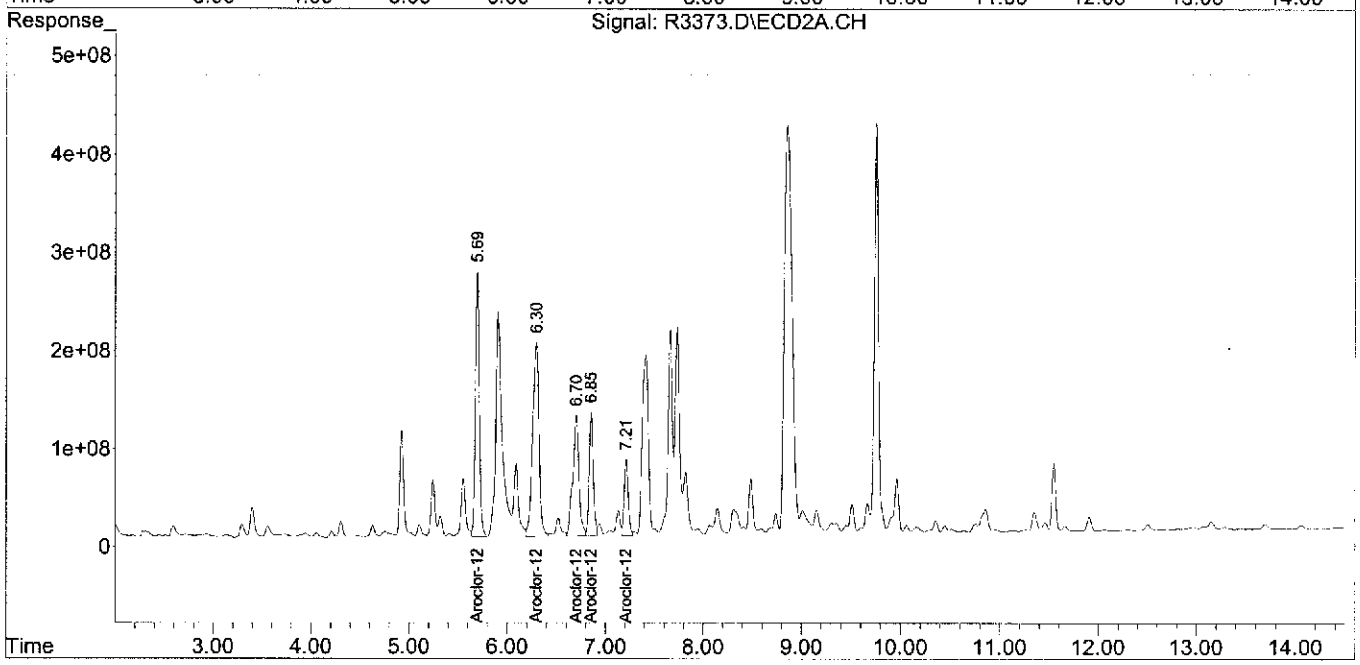
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3373.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 1:46
Operator : YG
Sample : K-42_(2.0-,08194-006,S,5.00g,38.3,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,100
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:20:15 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\08-21-12\
Data File : R3374.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:03
Operator : YG
Sample : K-42_(4.75,08194-007,S,5.00g,69.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:22:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	38101.3E6	36040.0E6	221.754	250.365
Spiked Amount 200.000			Recovery	=	110.88%	125.18%
2) S DCB	13.10	13.16	8010.2E6	5529.4E6	137.221	138.041
Spiked Amount 200.000			Recovery	=	68.61%	69.02%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
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

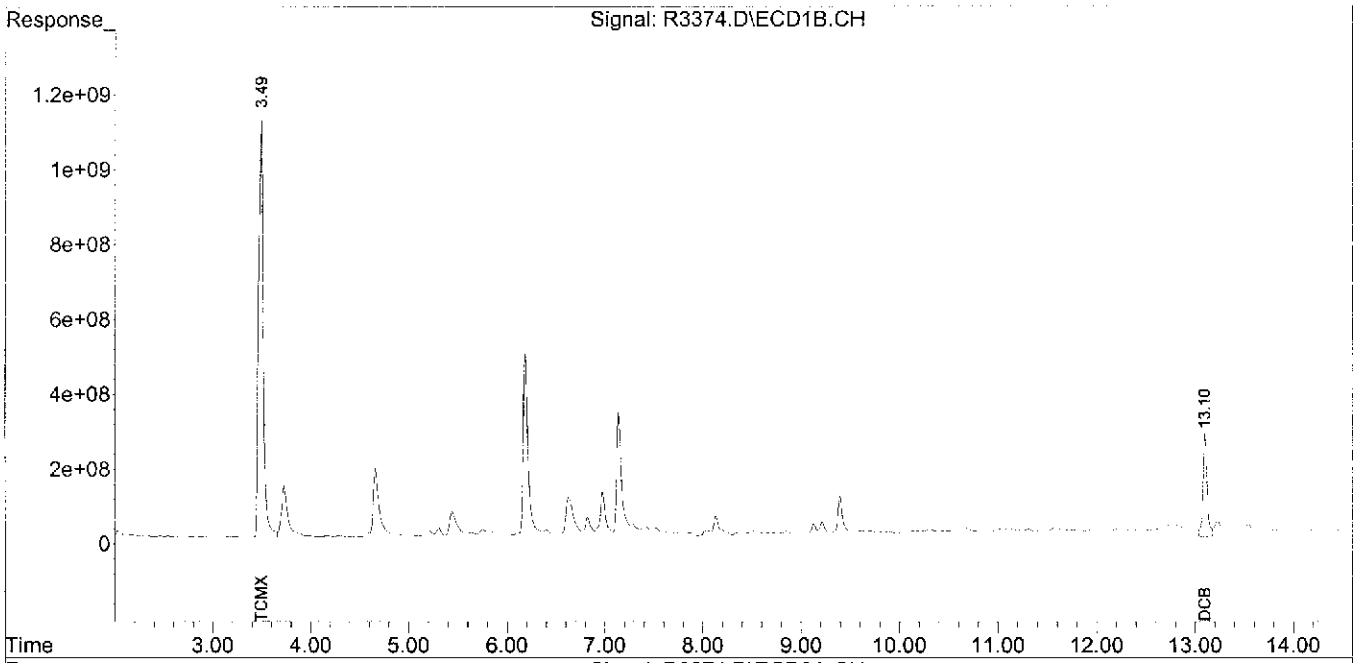
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

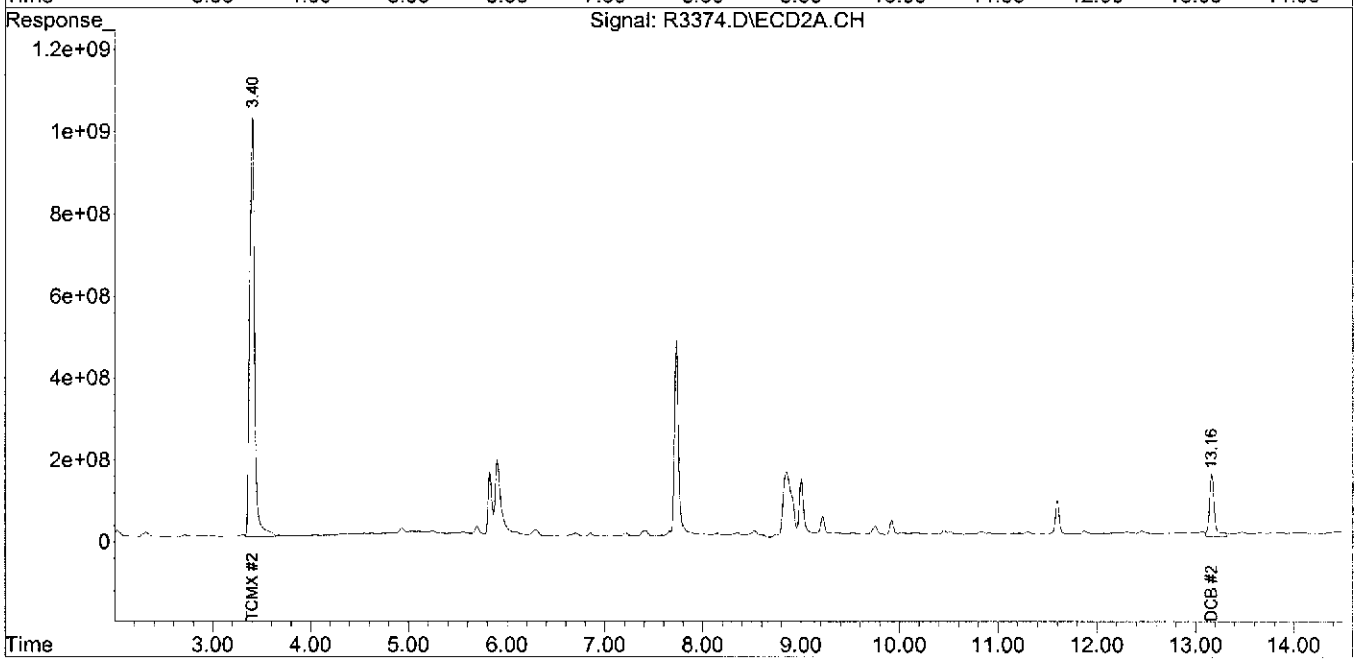
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3374.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:03
Operator : YG
Sample : K-42_(4.75,08194-007,S,5.00g,69.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:22:07 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\08-21-12\
Data File : R3375.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:21
Operator : YG
Sample : K-42_(5.0-,08194-008,S,5.00g,22.2,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:26:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	39025.0E6	33998.3E6	227.130	236.181
Spiked Amount 200.000			Recovery	=	113.57%	118.09%
2) S DCB	13.10	13.16	6609.7E6	4839.1E6	113.229	120.808
Spiked Amount 200.000			Recovery	=	56.61%	60.40%
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
23) L6 Aroclor-1248	5.31	5.69	1297.6E6	994.0E6	170.350	177.985
24) L6 Aroclor-1248 {2}	5.87	6.29	789.1E6	1701.1E6	183.952	213.024
25) L6 Aroclor-1248 {3}	6.20	6.70	1336.1E6	1128.7E6	243.244	189.110
26) L6 Aroclor-1248 {4}	6.93	6.85	2201.9E6	881.7E6	258.439	172.674 #
27) L6 Aroclor-1248 {5}	7.21	7.21	1584.5E6	626.7E6	221.327	217.000
Sum Aroclor-1248			7209.3E6	5332.1E6	1077.312	969.793
Average Aroclor-1248					215.462	193.959
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.74	797.9E6	513.8E6	56.912m	81.356m#
34) L8 Aroclor-1260 {2}	9.94	9.15	315.7E6	474.8E6	42.577m	65.056m#
35) L8 Aroclor-1260 {3}	10.42	10.35	904.0E6	278.0E6	36.147m	55.156m#
36) L8 Aroclor-1260 {4}	10.91	10.86	355.6E6	586.8E6	34.218m	58.509m#
37) L8 Aroclor-1260 {5}	11.98	11.45	172.1E6	286.9E6	37.063m	35.325m
Sum Aroclor-1260			2545.3E6	2140.3E6	206.917	295.402
Average Aroclor-1260					41.383	59.080
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\08-21-12\
Data File : R3375.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:21
Operator : YG
Sample : K-42_(5.0-,08194-008,S,5.00g,22.2,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:26:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

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

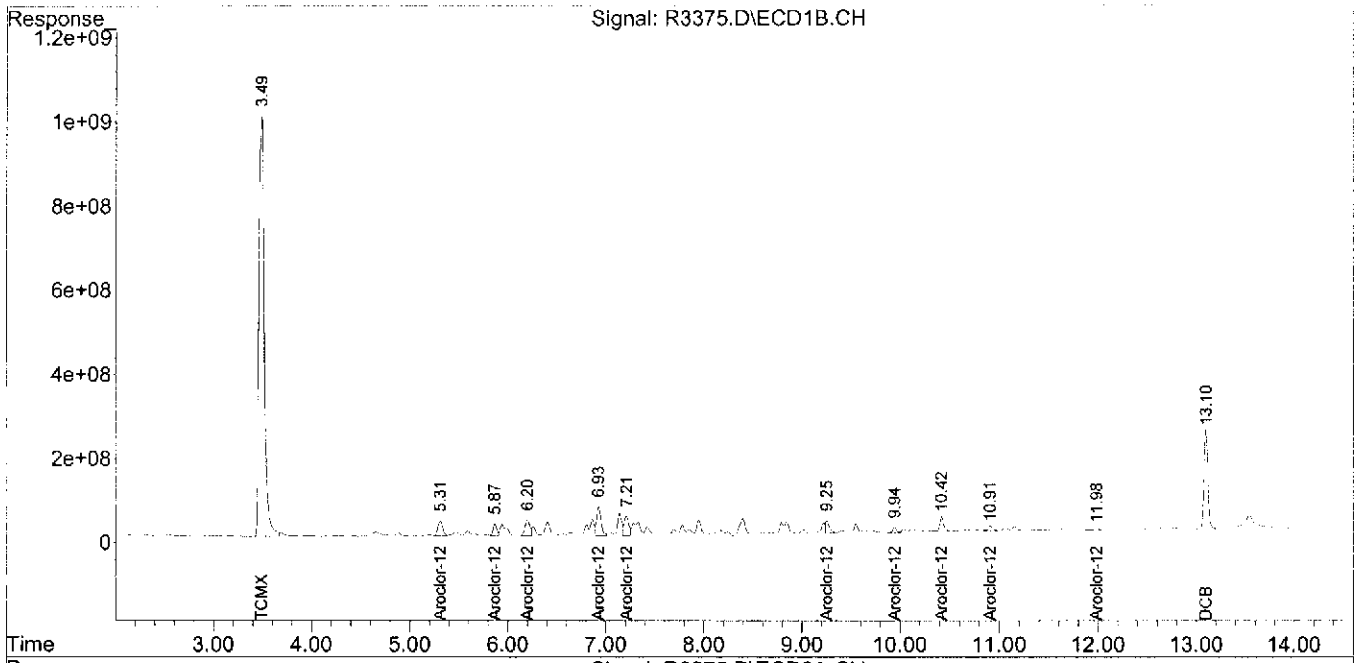
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

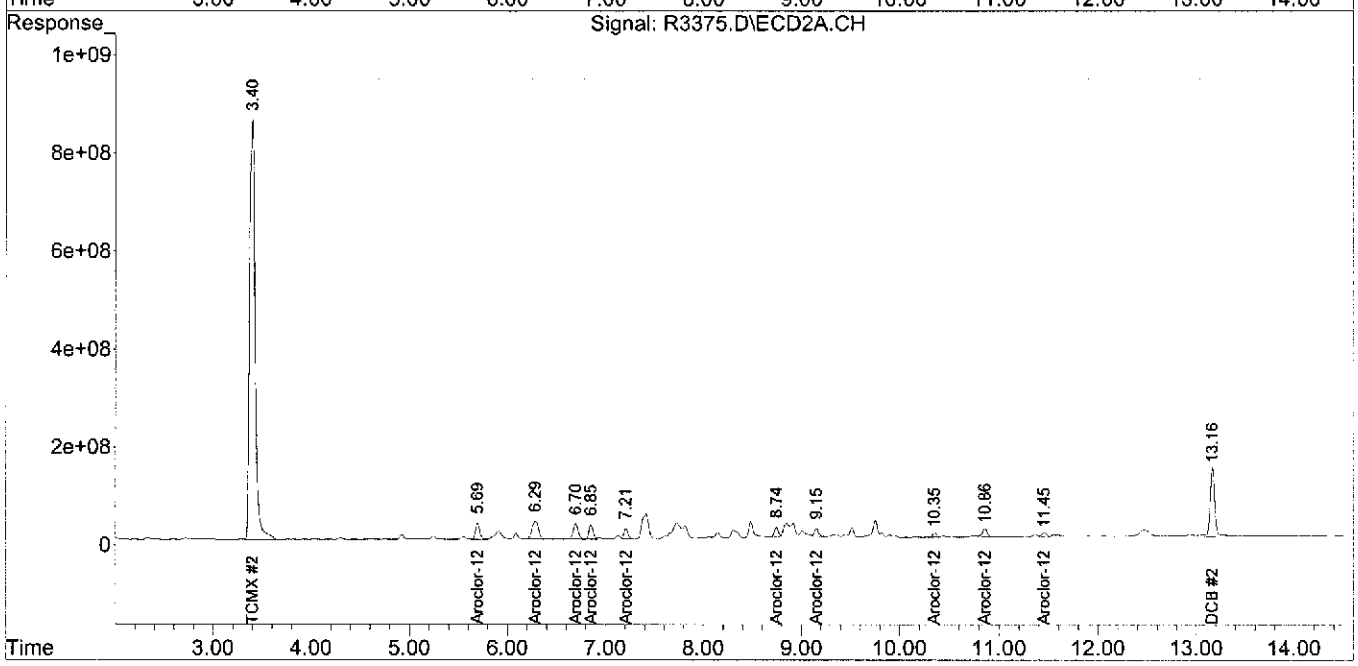
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3375.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:21
Operator : YG
Sample : K-42_(5.0-,08194-008,S,5.00g,22.2,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:26:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3376.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:38
Operator : YG
Sample : Q-40_(6.0-,08194-009,S,5.00g,67.0,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:34:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	31264.7E6	33230.2E6	181.965	230.845 #
Spiked Amount 200.000			Recovery	=	90.98%	115.42%
2) S DCB	13.10	13.16	8445.0E6	5661.5E6	144.670	141.339
Spiked Amount 200.000			Recovery	=	72.33%	70.67%
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
33) L8 Aroclor-1260	9.26	8.74	3824.8E6	2215.5E6	272.806	350.809 #
34) L8 Aroclor-1260 {2}	9.94	9.15	2063.8E6	2565.8E6	278.314	351.546 #
35) L8 Aroclor-1260 {3}	10.42	10.35	6339.9E6	1980.3E6	253.511	392.917 #
36) L8 Aroclor-1260 {4}	10.91	10.86	3318.5E6	3541.4E6	319.322	353.110
37) L8 Aroclor-1260 {5}	11.99	11.46	1817.6E6	2054.5E6	391.523	252.923 #
Sum Aroclor-1260			17364.6E6	12357.5E6	1515.476	1701.305
Average Aroclor-1260					303.095	340.261
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

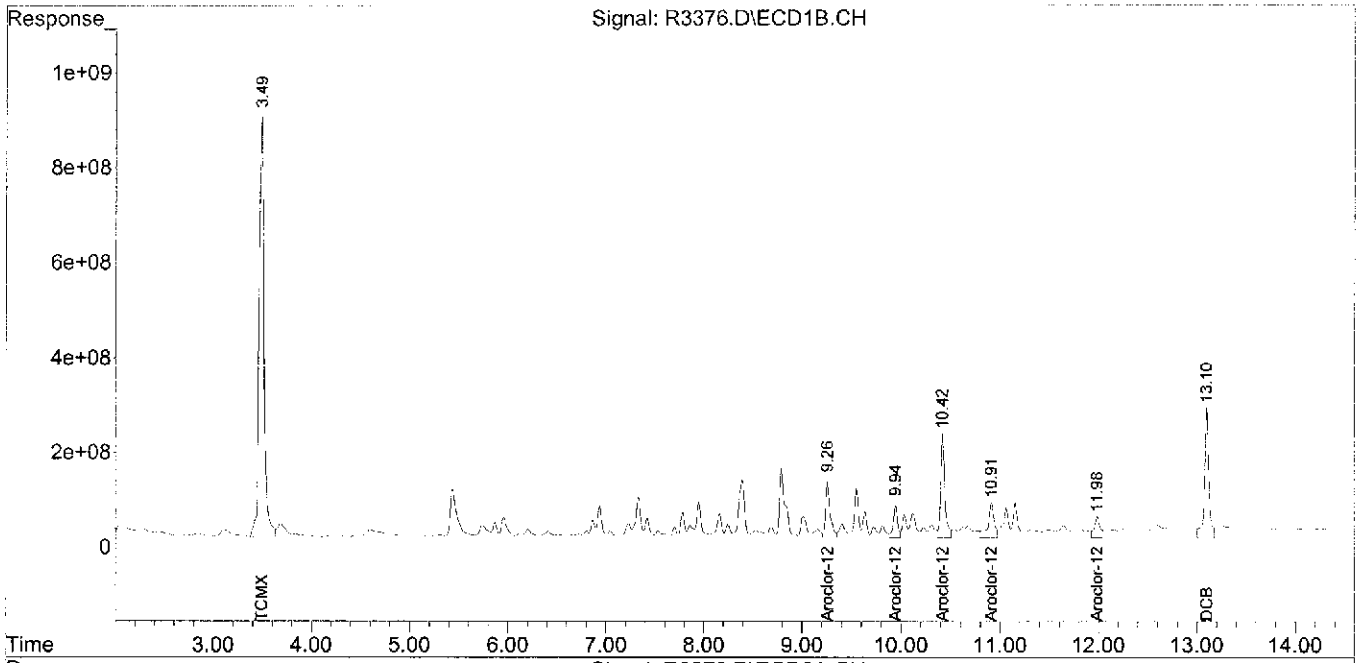
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

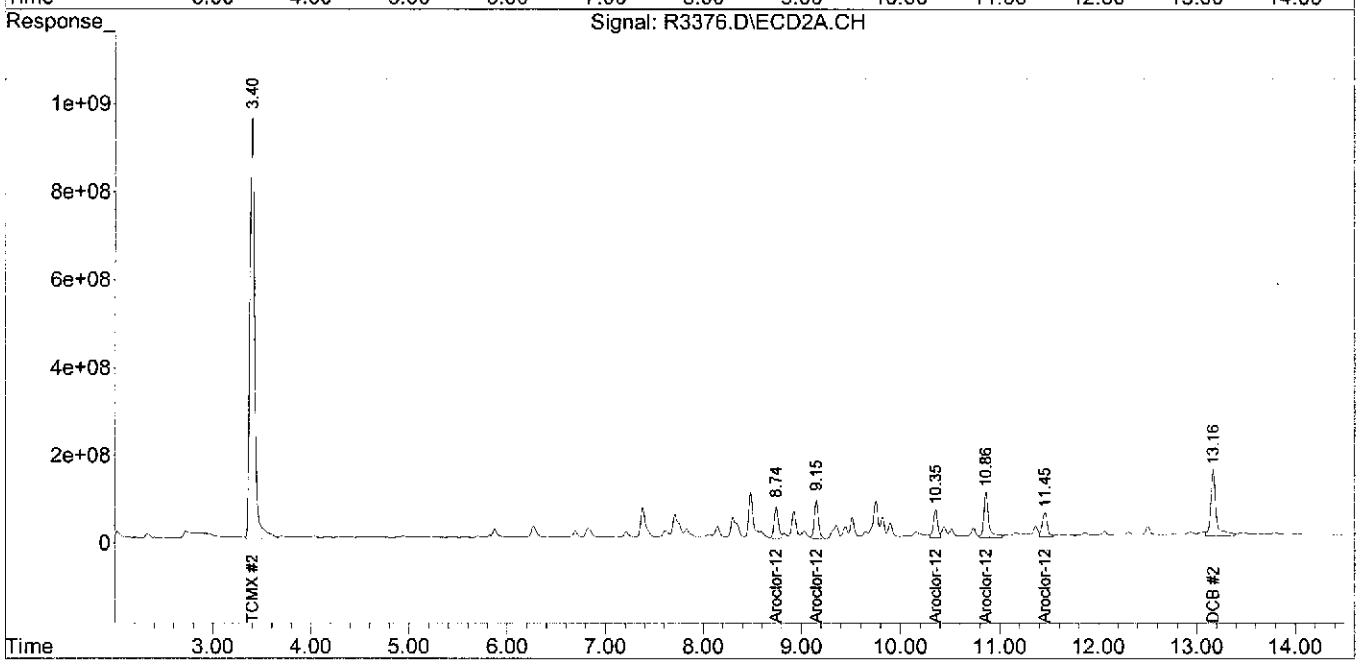
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3376.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:38
Operator : YG
Sample : Q-40_(6.0-,08194-009,S,5.00g,67.0,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:34:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3377.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:55
Operator : YG
Sample : Q-40_(7.0-,08194-010,S,5.00g,25.0,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:39:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	25204.5E6	28909.1E6	146.693	200.828 #
Spiked Amount 200.000			Recovery	=	73.35%	100.41%
2) S DCB	13.10	13.16	8169.2E6	4436.6E6	139.945	110.760
Spiked Amount 200.000			Recovery	=	69.97%	55.38%
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
33) L8 Aroclor-1260	9.26	8.74	10980.0E6	5648.4E6	783.168	894.380m
34) L8 Aroclor-1260 {2}	9.94	9.15	4232.2E6	6960.9E6	570.735	953.743m#
35) L8 Aroclor-1260 {3}	10.42	10.35	14288.3E6	4928.8E6	571.334	977.936m#
36) L8 Aroclor-1260 {4}	10.91	10.86	5906.4E6	7424.6E6	568.336	740.298m#
37) L8 Aroclor-1260 {5}	11.98	11.46	2782.1E6	4773.5E6	599.279	587.653m
Sum Aroclor-1260			38188.9E6	29736.3E6	3092.851	4154.010
Average Aroclor-1260					618.570	830.802
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

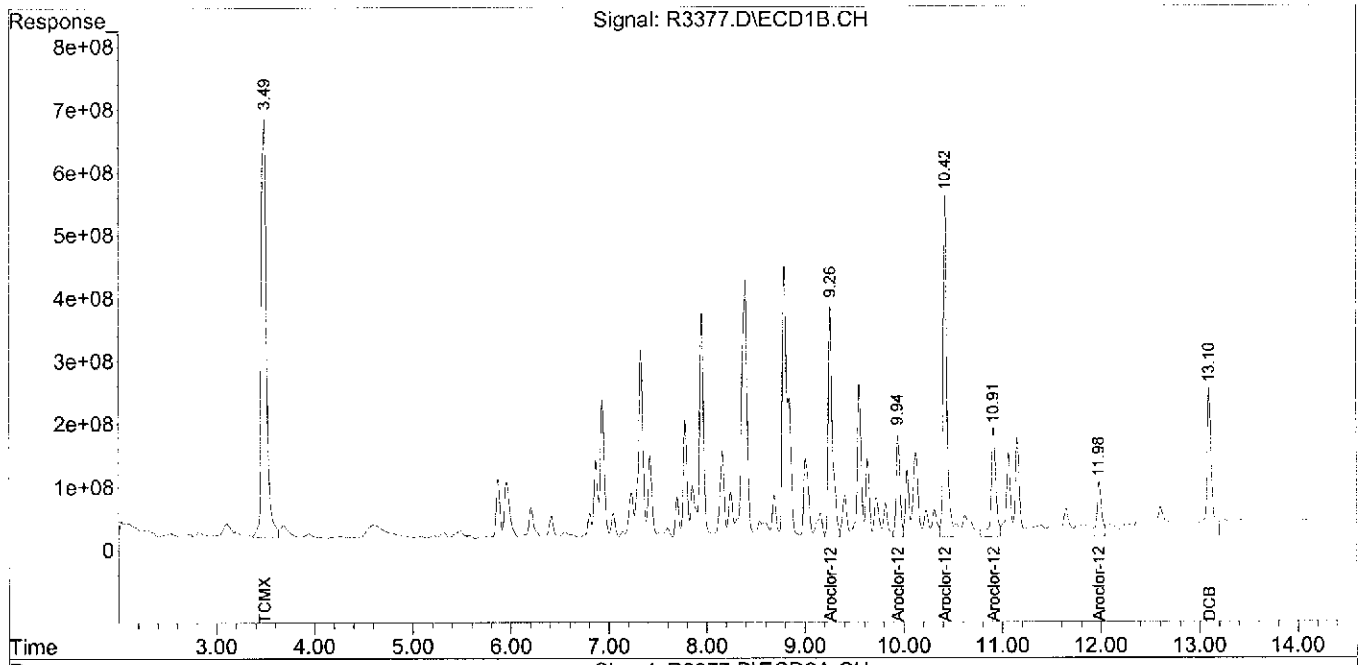
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

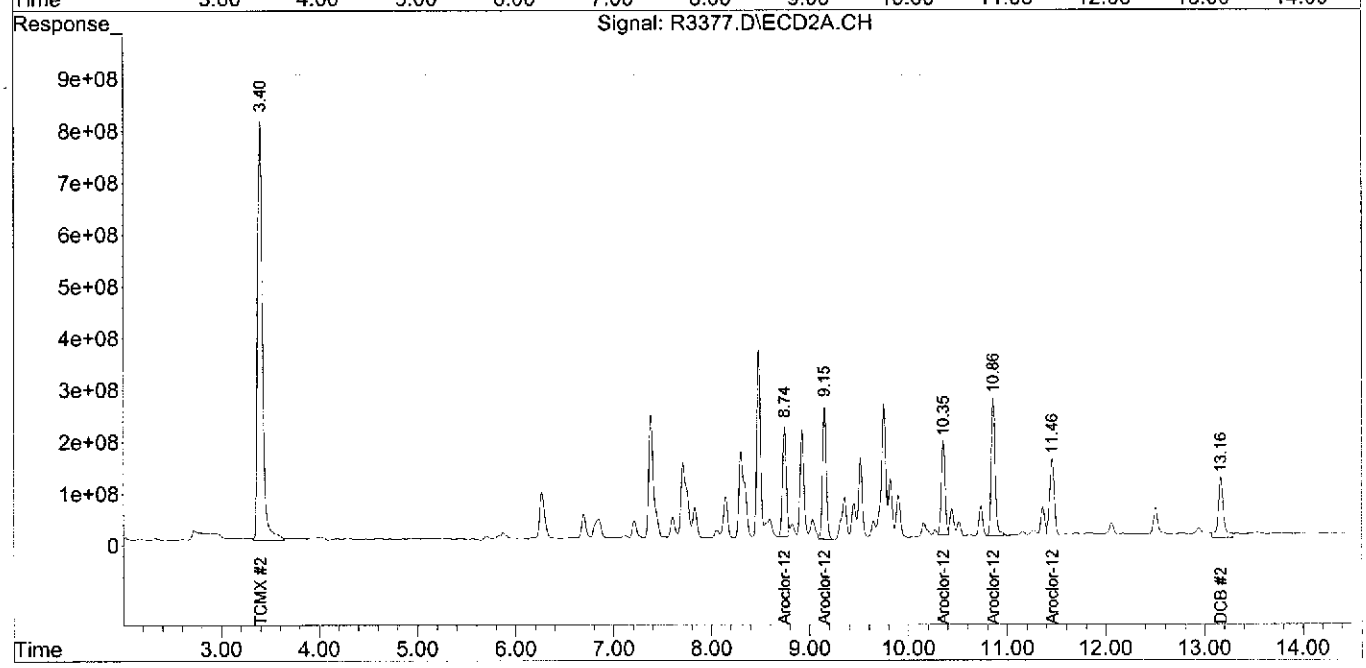
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3377.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 2:55
Operator : YG
Sample : Q-40_(7.0-,08194-010,S,5.00g,25.0,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:39:09 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\08-21-12\
Data File : R3378.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 3:13
Operator : YG
Sample : Q-40_(8.0-,08194-011,S,5.00g,22.3,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:44:29 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	3.49	3.40	33846.2E6	30137.6E6	196.989	209.361	
Spiked Amount 200.000			Recovery	=	98.49%	104.68%	
2) S DCB	13.10	13.16	8389.7E6	5003.8E6	143.722	124.921	
Spiked Amount 200.000			Recovery	=	71.86%	62.46%	
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	5.31	5.70	938.6E6	914.4E6	123.218	163.732	#
24) L6 Aroclor-1248 {2}	5.87	6.27	628.1E6	1237.2E6	146.411	154.934	
25) L6 Aroclor-1248 {3}	6.21	6.70	643.5E6	763.1E6	117.142	127.868	
26) L6 Aroclor-1248 {4}	6.93	6.85	1284.8E6	796.8E6	150.791	156.045	
27) L6 Aroclor-1248 {5}	7.21	7.21	879.3E6	495.3E6	122.825	171.496	#
Sum Aroclor-1248			4374.2E6	4206.8E6	660.386	774.075	
Average Aroclor-1248					132.077	154.815	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
33) L8 Aroclor-1260	9.26	8.74	1854.9E6	1002.4E6	132.303	158.713	
34) L8 Aroclor-1260 {2}	9.94	9.15	924.4E6	1074.8E6	124.657	147.263	
35) L8 Aroclor-1260 {3}	10.42	10.35	2679.1E6	734.6E6	107.125	145.756	#
36) L8 Aroclor-1260 {4}	10.91	10.86	1487.0E6	1317.5E6	143.083	131.370	
37) L8 Aroclor-1260 {5}	11.98	11.46	1398.2E6	797.9E6	301.187	98.229	#
Sum Aroclor-1260			8343.5E6	4927.2E6	808.356	681.331	
Average Aroclor-1260					161.671	136.266	
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\08-21-12\
Data File : R3378.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 3:13
Operator : YG
Sample : Q-40_(8.0-,08194-011,S,5.00g,22.3,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:44:29 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

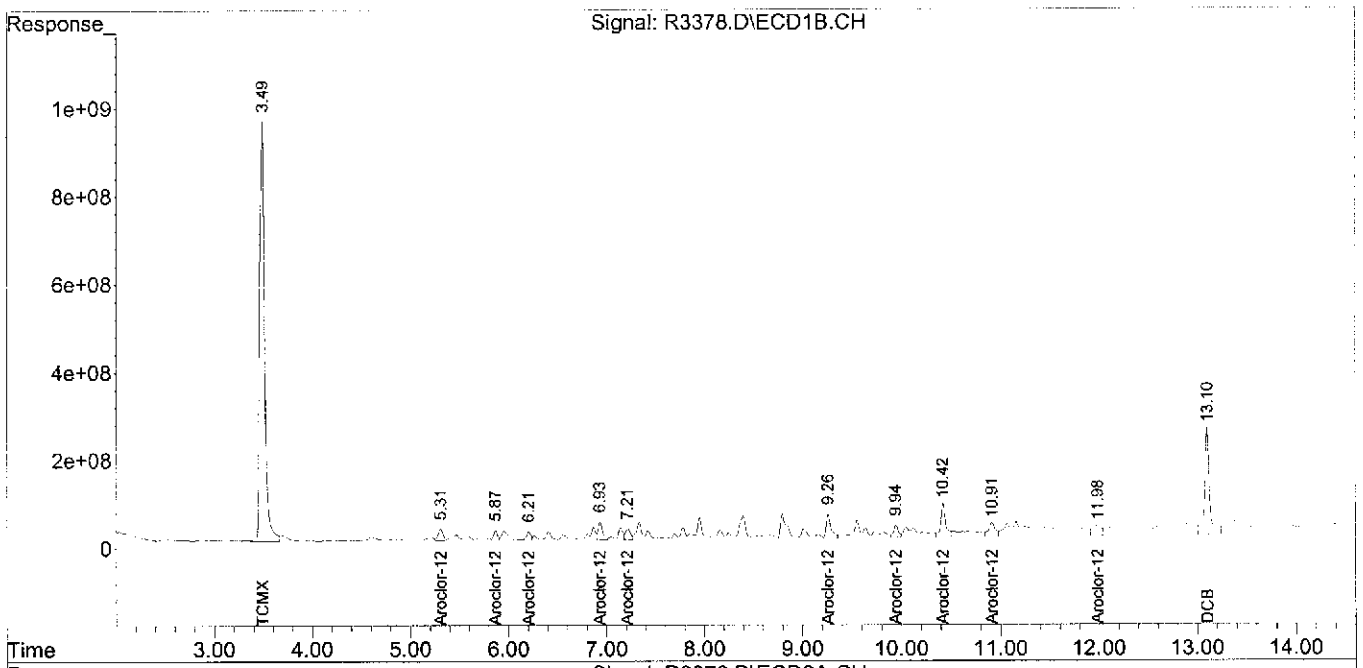
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

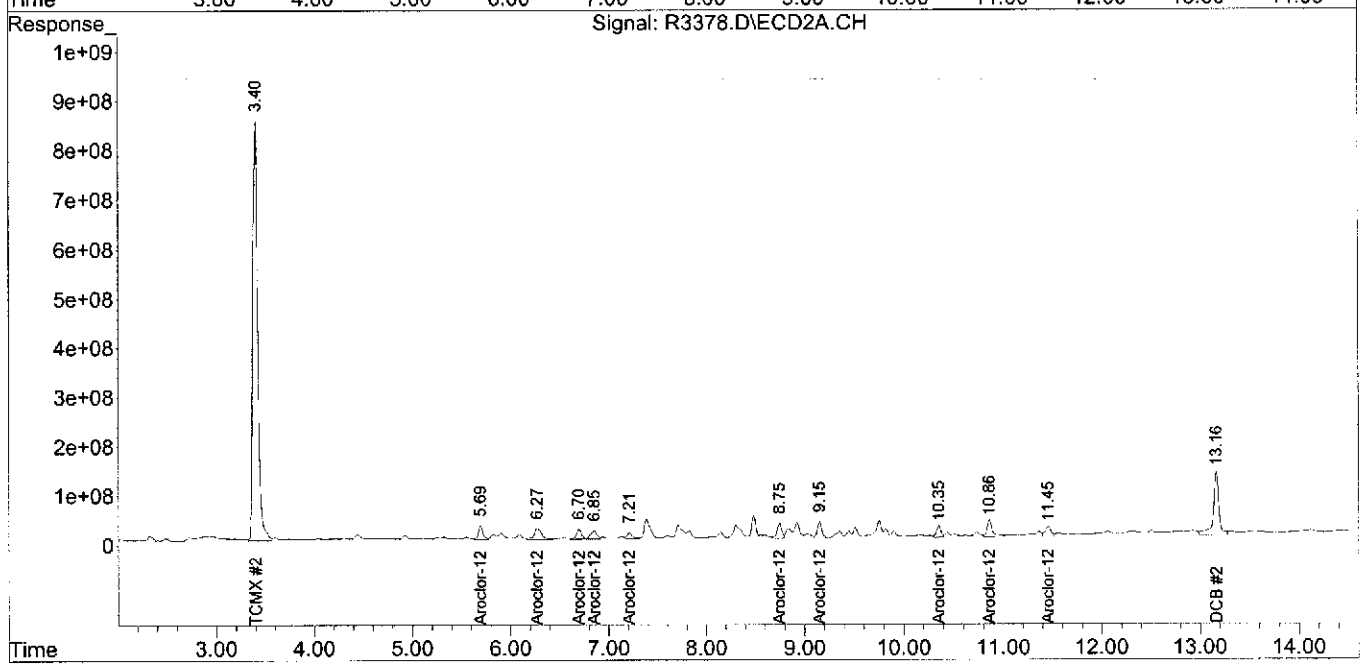
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3378.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 3:13
Operator : YG
Sample : Q-40_(8.0~,08194-011,S,5.00g,22.3,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:44:29 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3380.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 3:48
Operator : YG
Sample : W-38_(5.5-,08194-013,S,5.00g,26.4,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:48:03 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	3.49	3.40	37749.0E6	32644.2E6	219.704	226.775
Spiked Amount 200.000			Recovery	=	109.85%	113.39%
2) S DCB	13.10	13.16	6953.4E6	5279.8E6	119.117	131.810
Spiked Amount 200.000			Recovery	=	59.56%	65.91%
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

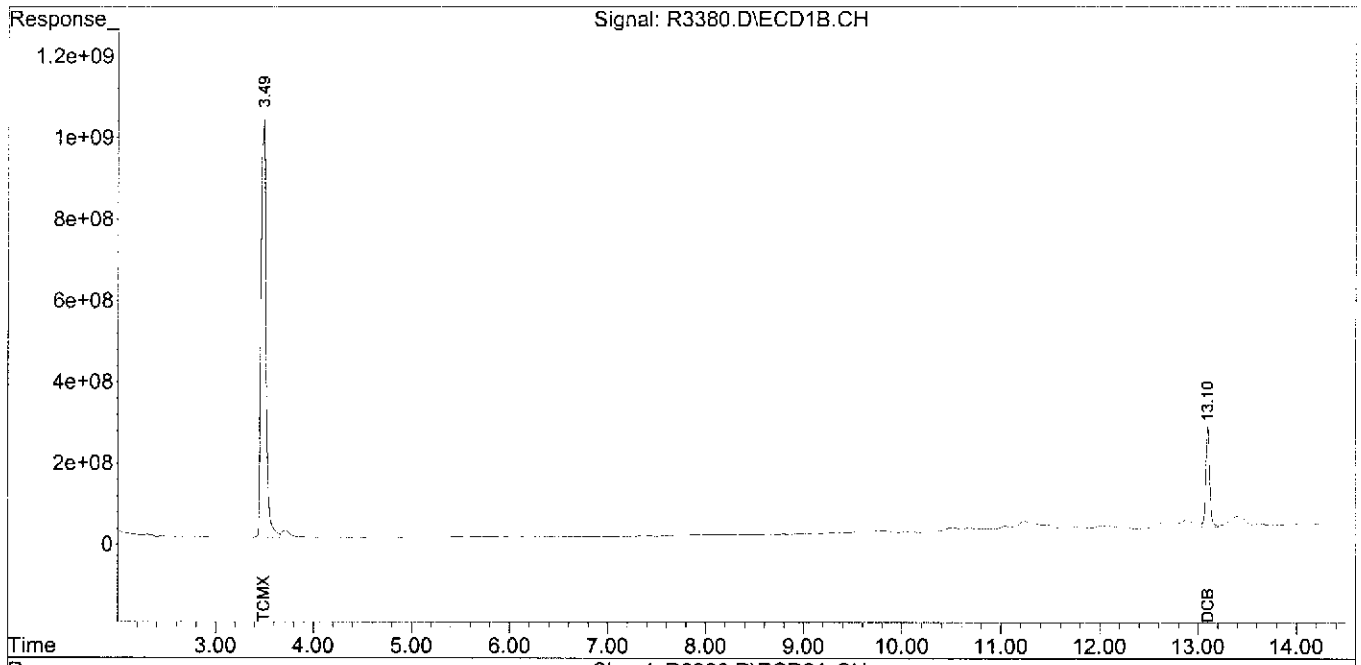
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

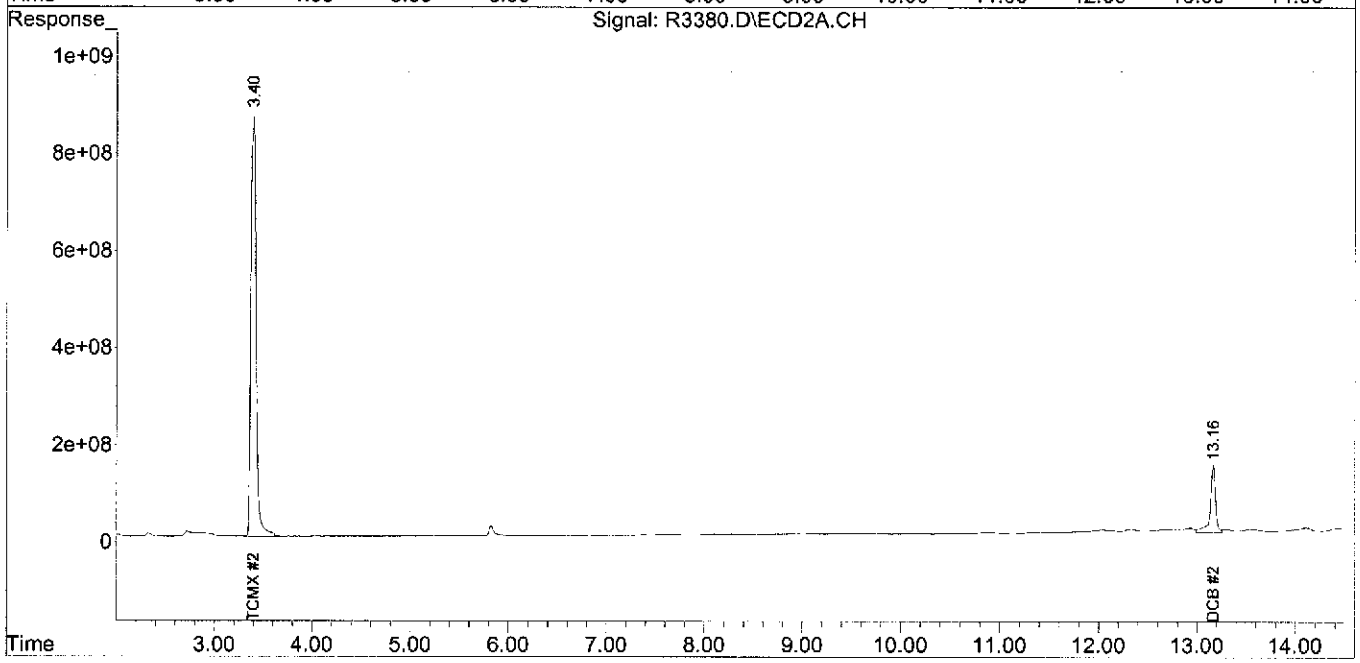
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3380.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 3:48
Operator : YG
Sample : W-38_(5.5-,08194-013,S,5.00g,26.4,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:48:03 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\08-21-12\
Data File : R3381.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 4:05
Operator : YG
Sample : W-38_(6.0-,08194-014,S,5.00g,21.3,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:49:00 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	3.49	3.39	40030.0E6	33285.9E6	232.980	231.232
Spiked Amount 200.000			Recovery	=	116.49%	115.62%
2) S DCB	13.10	13.16	9115.0E6	4260.4E6	156.147	106.362 #
Spiked Amount 200.000			Recovery	=	78.07%	53.18%
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

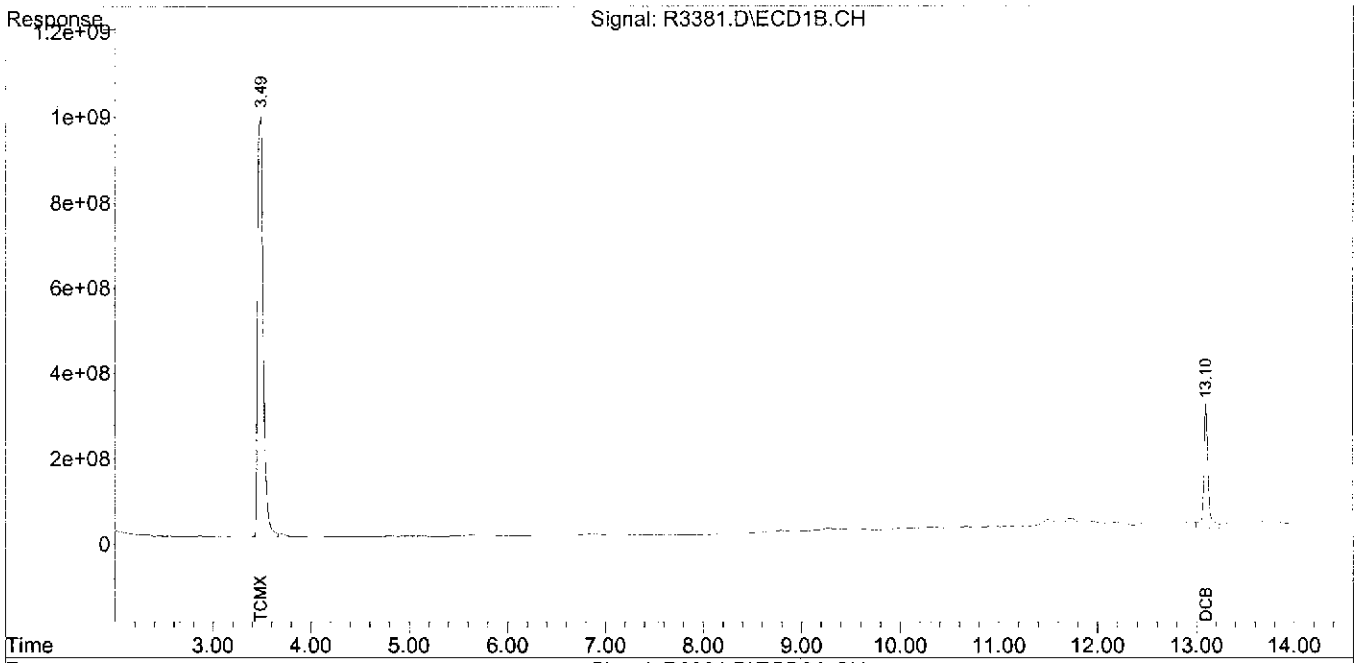
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

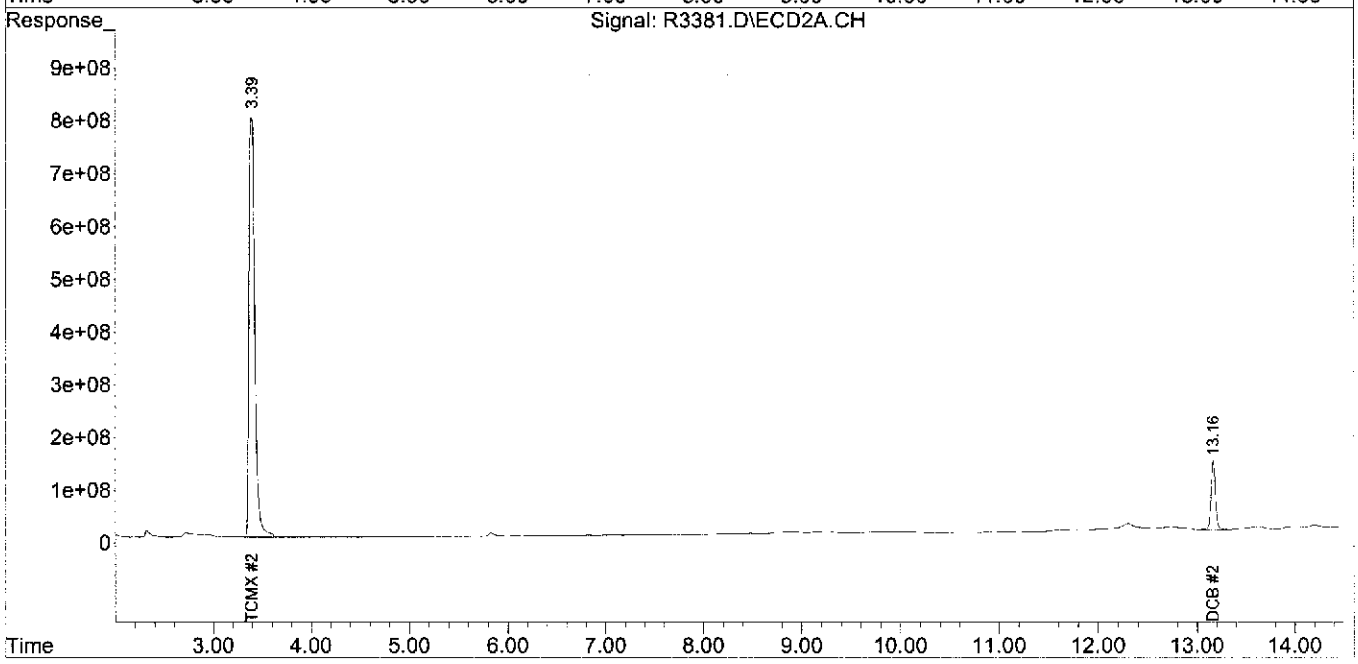
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3381.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 4:05
Operator : YG
Sample : W-38_(6.0-,08194-014,S,5.00g,21.3,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:49:00 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 Scalc 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\08-21-12\
Data File : R3383.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 4:40
Operator : YG
Sample : Y-39_(6.5~,08194-016,S,5.00g,59.5,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:47:29 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	3.38	38913.2E6	34975.8E6	226.479	242.971
Spiked Amount 200.000			Recovery	=	113.24%	121.49%
2) S DCB	13.10	13.16	8877.0E6	5262.4E6	152.071	131.376
Spiked Amount 200.000			Recovery	=	76.04%	65.69%
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

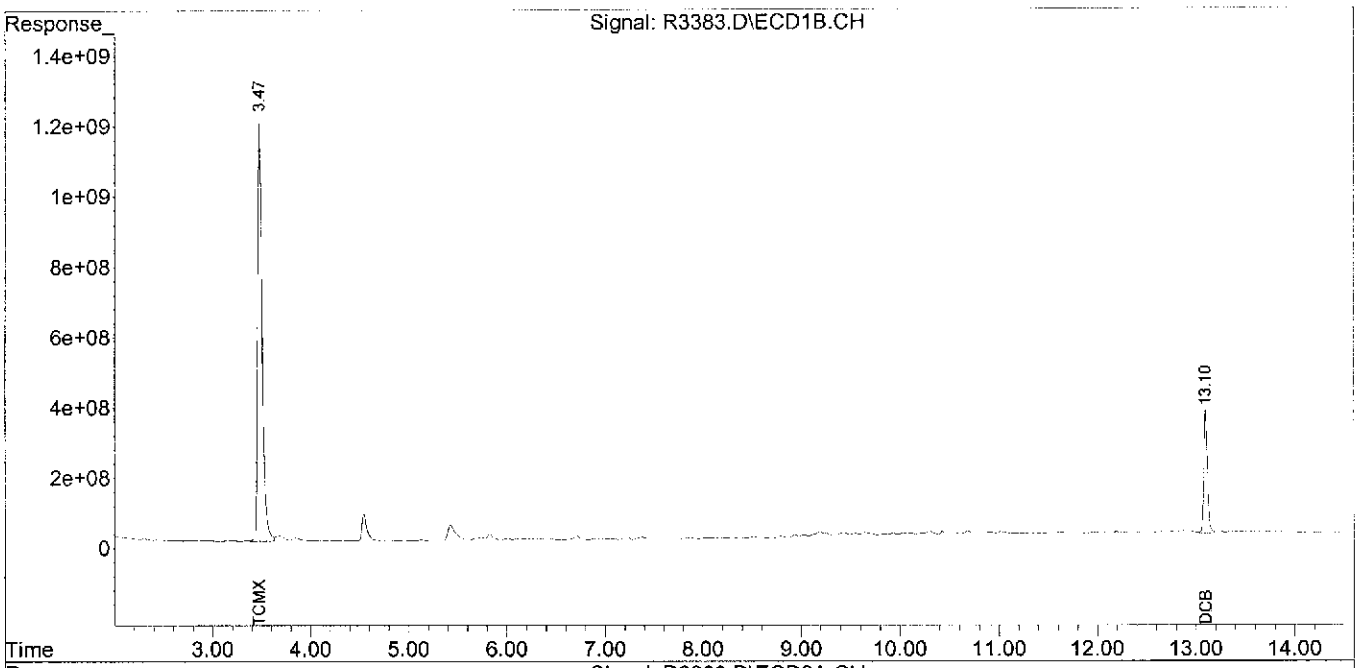
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

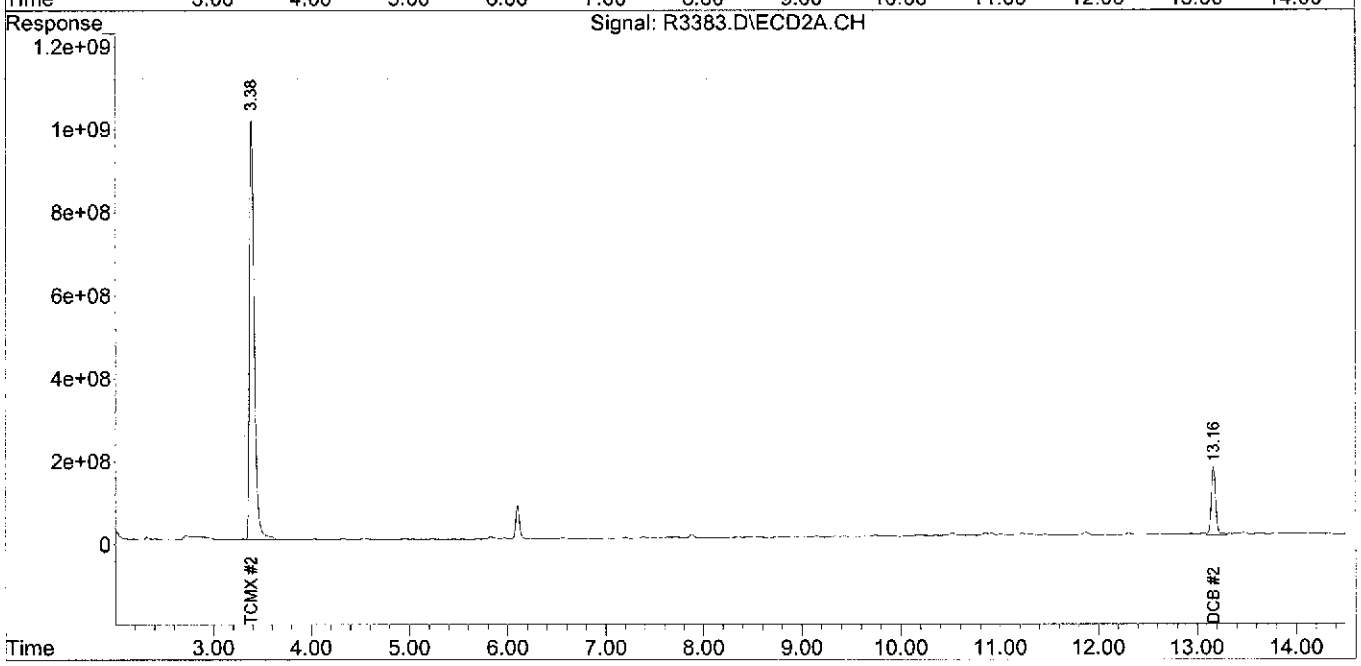
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3383.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 4:40
Operator : YG
Sample : Y-39_(6.5-,08194-016,S,5.00g,59.5,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:47:29 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3384.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 4:57
Operator : YG
Sample : Y-39_(7.0-,08194-017,S,5.00g,22.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:48:20 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	3.47	3.38	39961.6E6	33111.2E6	232.581	230.019
Spiked Amount 200.000			Recovery	=	116.29%	115.01%
2) S DCB	13.10	13.16	7442.0E6	4723.9E6	127.488	117.932
Spiked Amount 200.000			Recovery	=	63.74%	58.97%
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	8.74	584.6E6	306.5E6	41.699	48.530
34) L8 Aroclor-1260 {2}	9.94	9.15	295.0E6	326.7E6	39.784	44.766
35) L8 Aroclor-1260 {3}	10.42	10.35	850.7E6	246.5E6	34.018m	48.900 #
36) L8 Aroclor-1260 {4}	10.91	10.86	417.9E6	478.3E6	40.215m	47.695m
37) L8 Aroclor-1260 {5}	11.98	11.46	187.4E6	256.7E6	40.375m	31.607m
Sum Aroclor-1260			2335.7E6	1614.8E6	196.091	221.499
Average Aroclor-1260					39.218	44.300
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

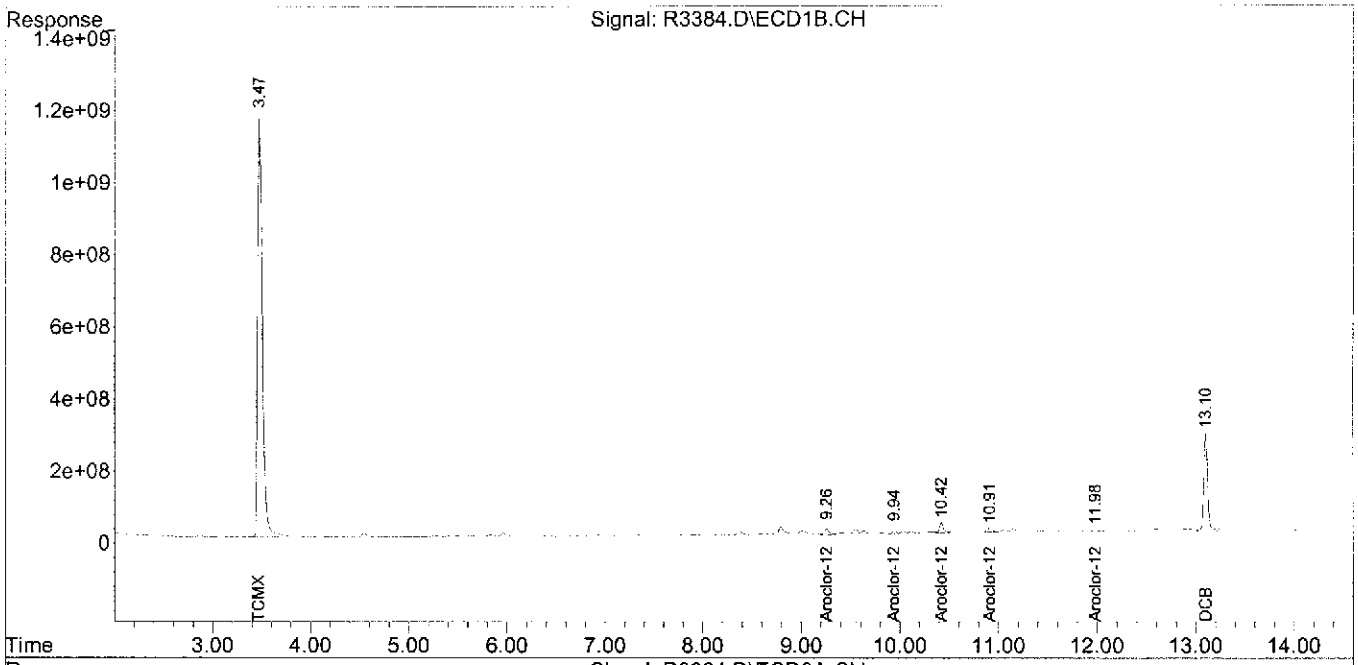
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

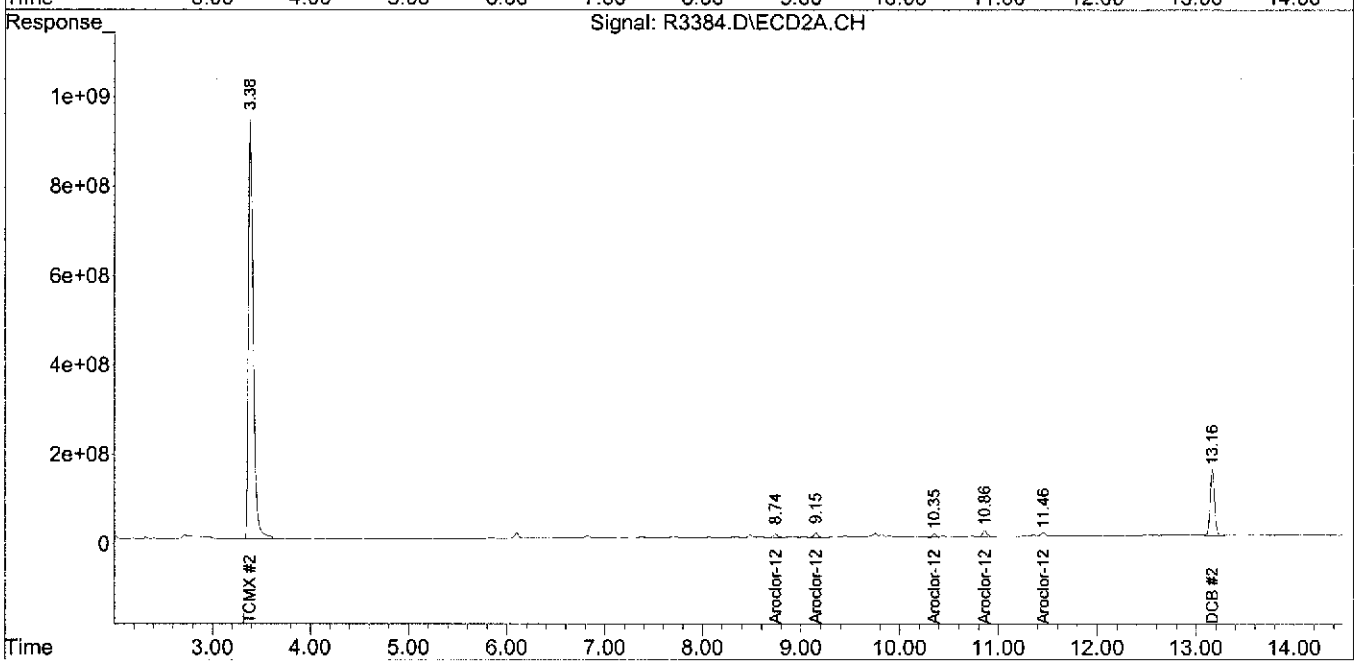
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3384.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 4:57
Operator : YG
Sample : Y-39_(7.0-,08194-017,S,5.00g,22.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 32 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:48:20 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\08-21-12\
Data File : R3385.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 5:15
Operator : YG
Sample : Y-39_(8.0-,08194-018,S,5.00g,22.1,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:49:08 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	3.38	38849.9E6	32422.5E6	226.111	225.234
Spiked Amount 200.000			Recovery	=	113.06%	112.62%
2) S DCB	13.10	13.17	6672.5E6	4030.3E6	114.306m	100.618m
Spiked Amount 200.000			Recovery	=	57.15%	50.31%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
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	8.74	655.8E6	327.1E6	46.775m	51.800
34) L8 Aroclor-1260 {2}	9.94	9.15	396.4E6	401.5E6	53.455m	55.010
35) L8 Aroclor-1260 {3}	10.42	10.35	981.8E6	267.6E6	39.260m	53.100 #
36) L8 Aroclor-1260 {4}	10.91	10.86	399.7E6	595.9E6	38.459m	59.419 #
37) L8 Aroclor-1260 {5}	11.99	11.46	193.2E6	393.1E6	41.617m	48.397
Sum Aroclor-1260			2626.9E6	1985.3E6	219.567	267.727
Average Aroclor-1260					43.913	53.545
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

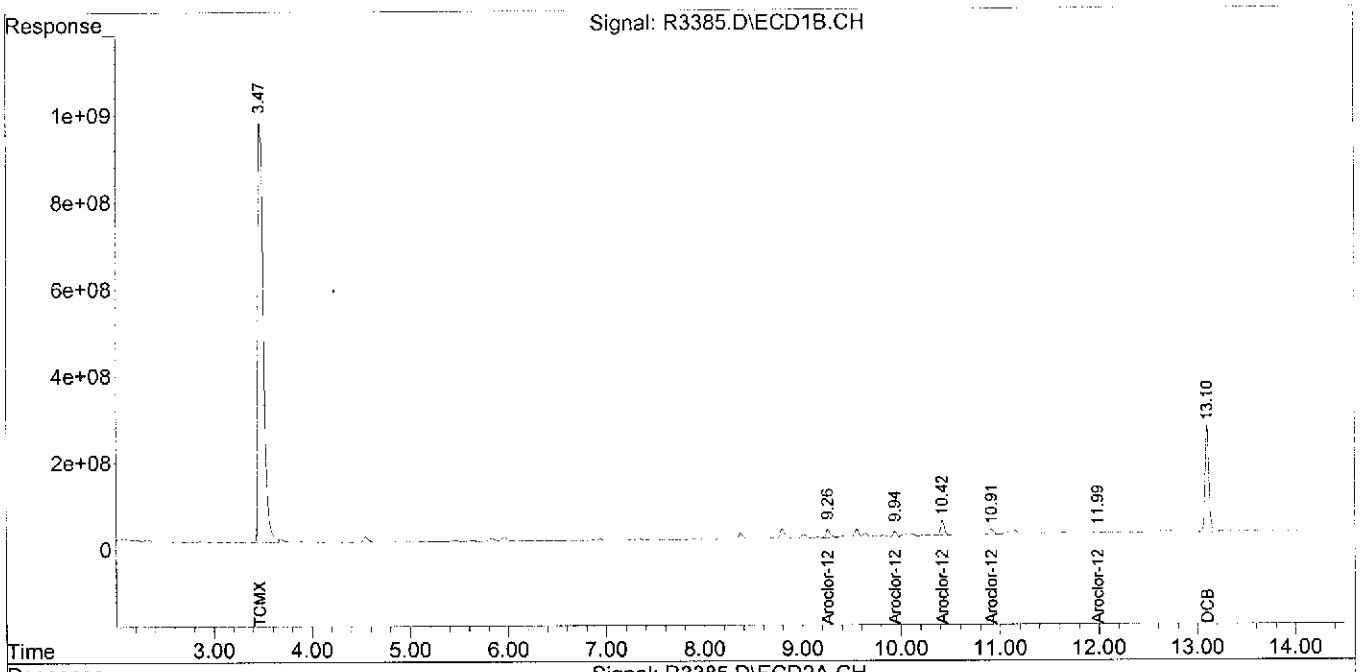
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

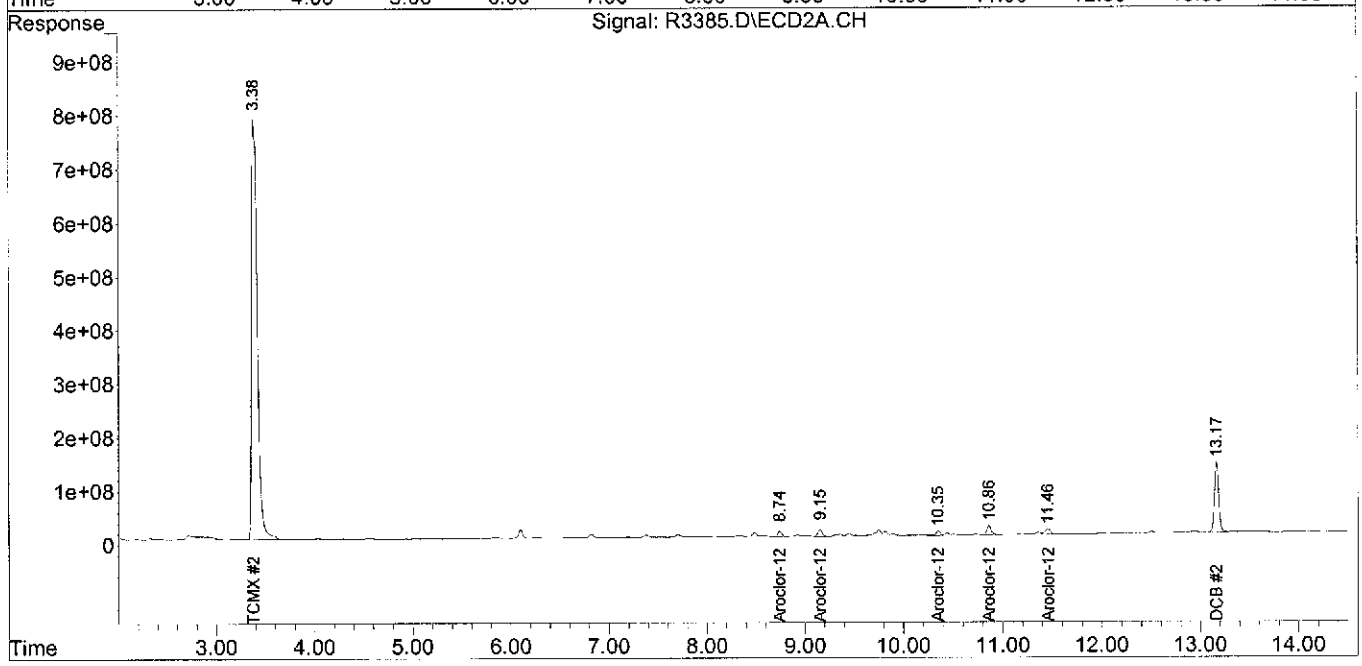
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3385.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 5:15
Operator : YG
Sample : Y-39_(8.0-,08194-018,S,5.00g,22.1,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 33 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:49:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3387.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 5:50
Operator : YG
Sample : Z-39_(5.5-,08194-020,S,5.00g,28.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:53:00 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	3.47	3.39	27682.4E6	27760.8E6	161.115	192.851
Spiked Amount 200.000			Recovery	=	80.56%	96.43%
2) S DCB	13.10	13.16	5830.1E6	3573.0E6	99.874	89.200m
Spiked Amount 200.000			Recovery	=	49.94%	44.60%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.69	10674.2E6	9058.9E6	1401.314	1622.095
24) L6 Aroclor-1248 {2}	5.87	6.30	3486.9E6	10101.6E6	812.795	1265.019 #
25) L6 Aroclor-1248 {3}	0.00	6.70	0	8312.0E6	N.D. d	1392.699 #
26) L6 Aroclor-1248 {4}	6.93	6.85	10353.8E6	6646.8E6	1215.214	1301.749
27) L6 Aroclor-1248 {5}	7.21	7.21	9146.5E6	4792.5E6	1277.622	1659.536 #
Sum Aroclor-1248			33661.4E6	38911.8E6	4706.946	7241.098
Average Aroclor-1248					1176.737	1448.220
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

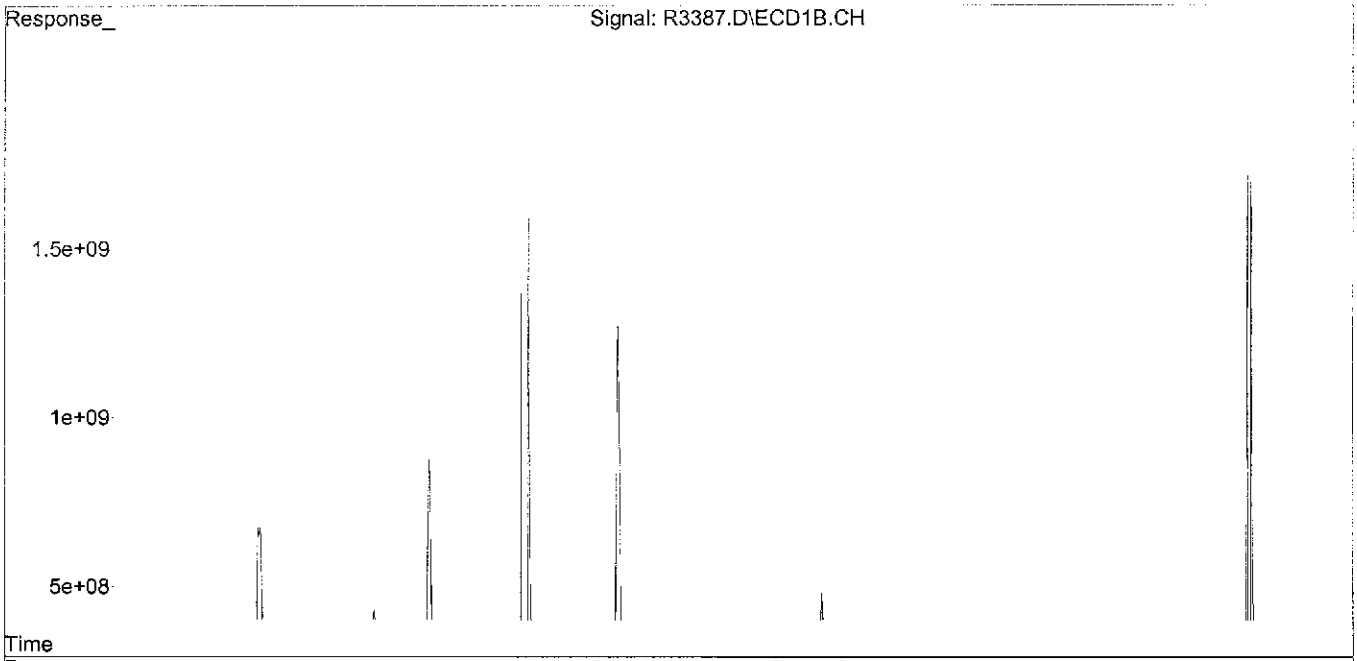
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

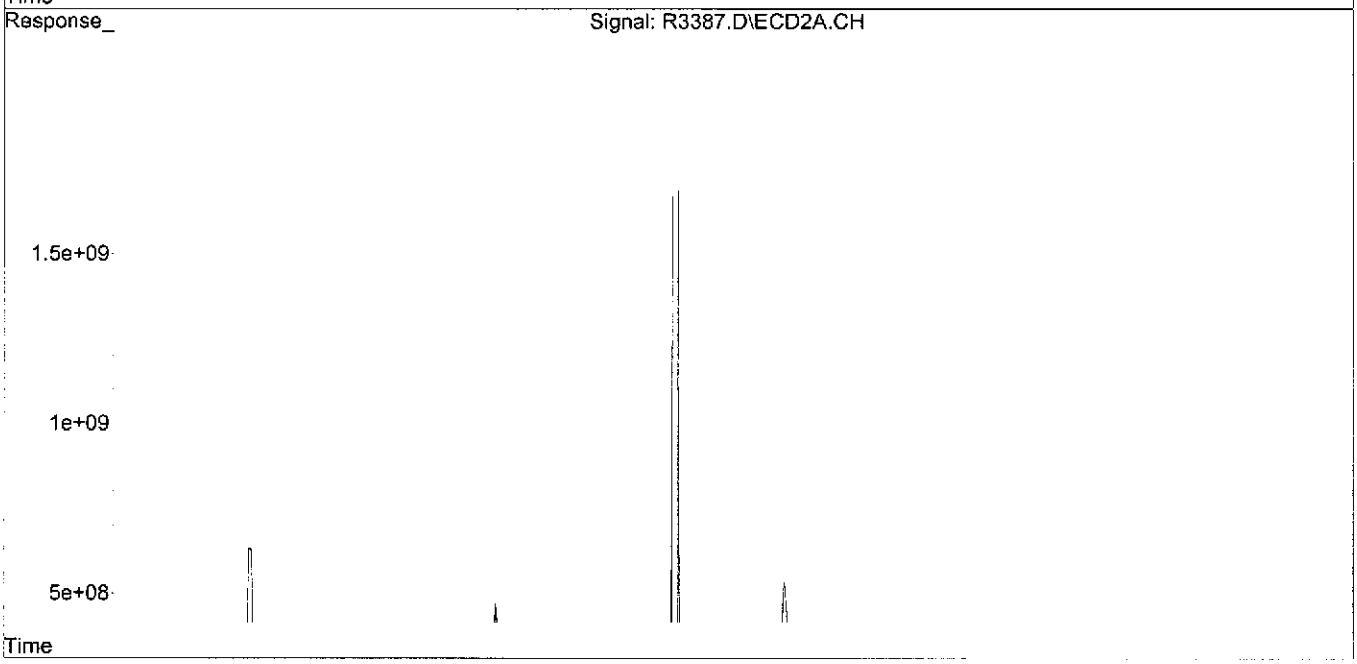
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3387.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 5:50
Operator : YG
Sample : Z-39_(5.5-,08194-020,S,5.00g,28.6,08/15/12,4
Misc : 120815-02,08/13/12,08/13/12,1
ALS Vial : 35 Sample Multiplier: 1

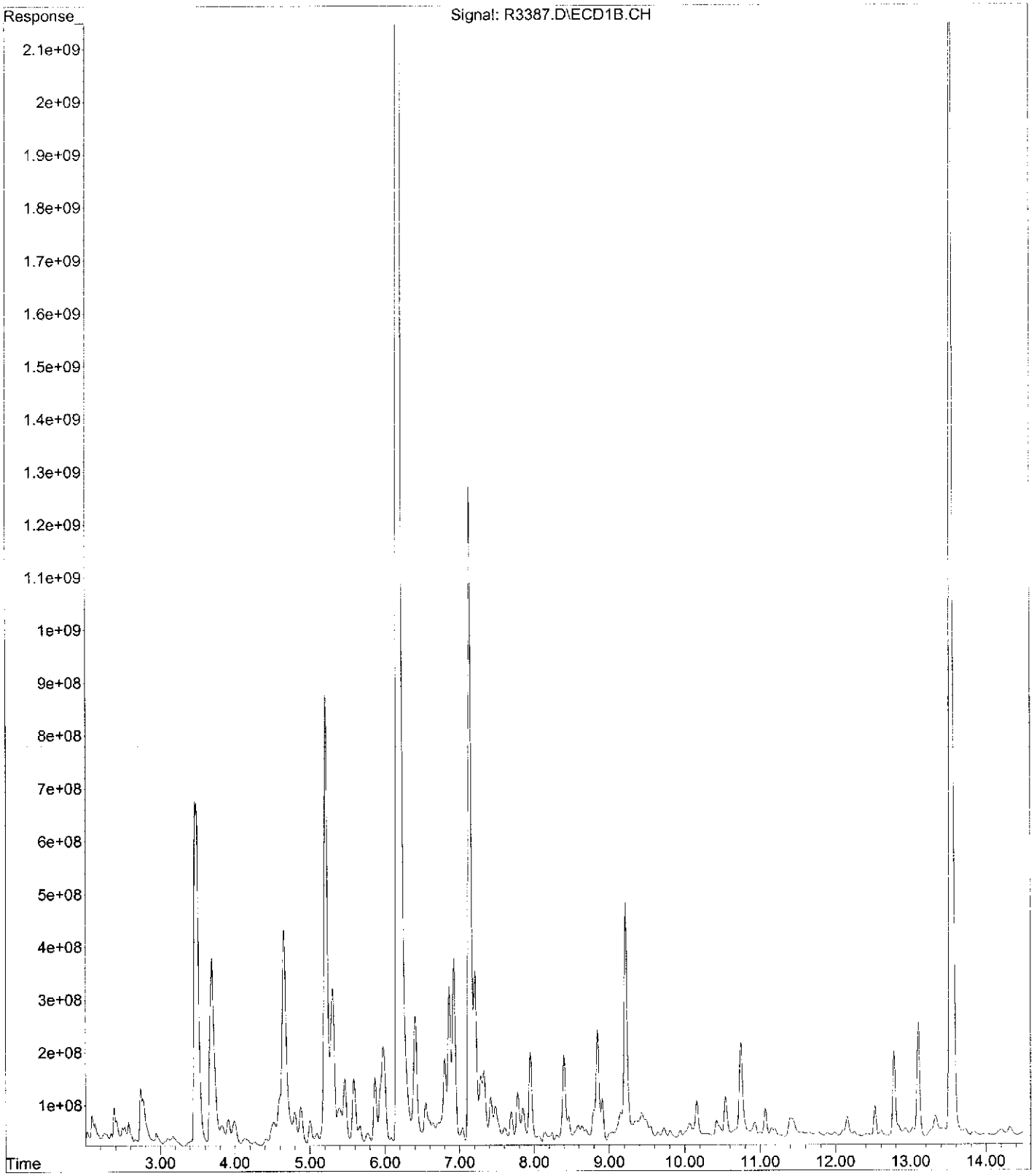
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 09:53:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

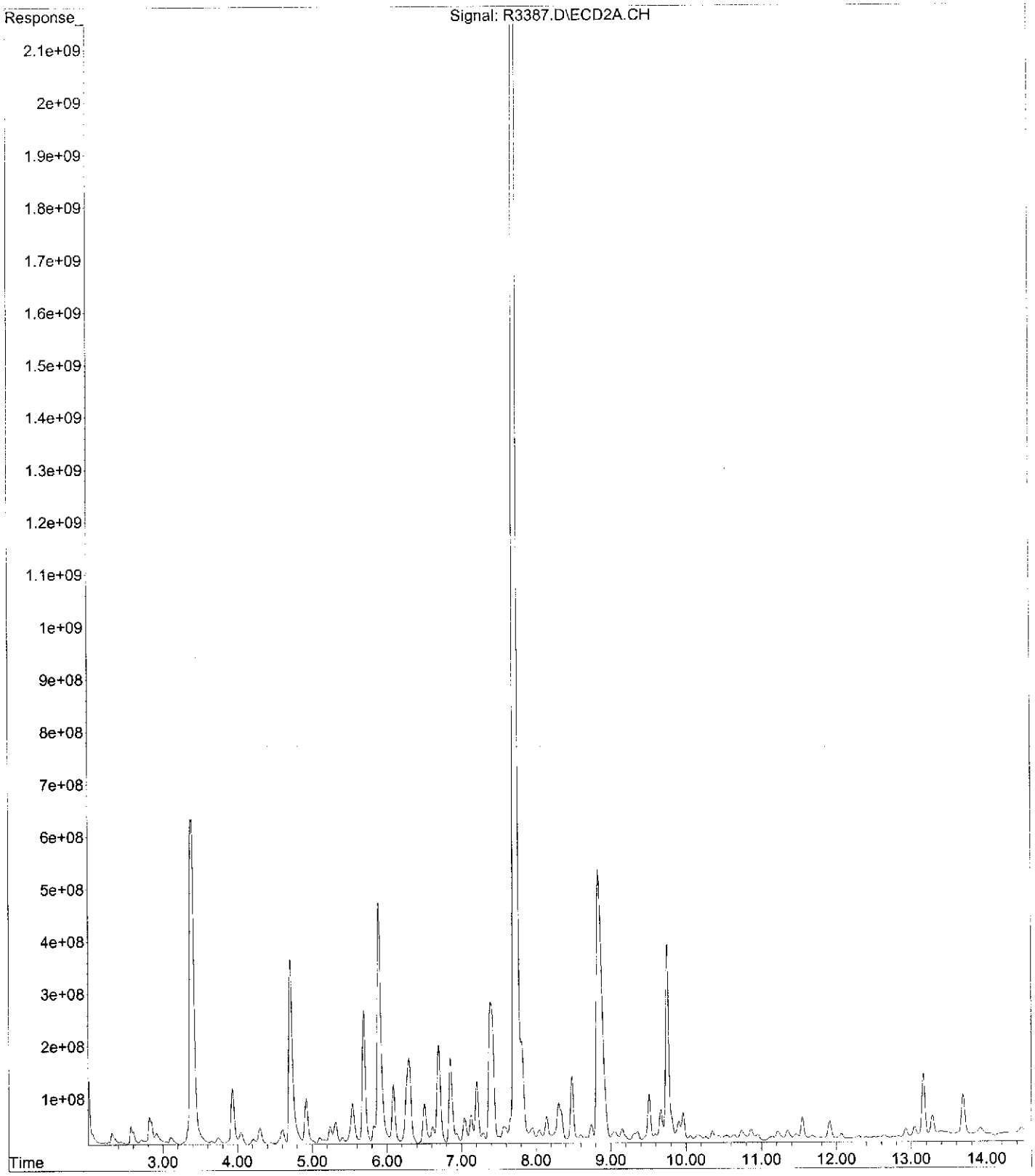




File :C:\MSDChem\1\DATA\08-21-12\R3387.D
Operator : YG
Acquired : 22 Aug 2012 5:50 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: Z-39_(5.5-,08194-020,S,5.00g,28.6,08/15/12,4
Misc Info : 120815-02,08/13/12,08/13/12,1
Vial Number: 35



File :C:\MSDChem\1\DATA\08-21-12\R3387.D
Operator : YG
Acquired : 22 Aug 2012 5:50 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: Z-39_(5.5-,08194-020,S,5.00g,28.6,08/15/12,4
Misc Info : 120815-02,08/13/12,08/13/12,1
Vial Number: 35



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3300.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 17:21
Operator : YG
Sample : Z-39_(6.0-,08194-021,S,5.45g,20.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:31:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.38	35102.7E6	32464.2E6	204.302	225.524
Spiked Amount 200.000			Recovery	=	102.15%	112.76%
2) S DCB	13.10	13.17	9513.0E6	5179.9E6	162.966	129.317
Spiked Amount 200.000			Recovery	=	81.48%	64.66%
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
23) L6 Aroclor-1248	5.30	5.69	4440.5E6	2668.2E6	582.955	477.778
24) L6 Aroclor-1248 {2}	5.87	6.30	1444.6E6	2842.9E6	336.730	356.020
25) L6 Aroclor-1248 {3}	0.00	6.70	0	2400.6E6	N.D. d	402.226 #
26) L6 Aroclor-1248 {4}	6.93	6.85	4214.9E6	1859.7E6	494.696	364.209 #
27) L6 Aroclor-1248 {5}	7.20	7.21	4500.5E6	1317.3E6	628.657m	456.147 #
Sum Aroclor-1248			14600.5E6	11088.7E6	2043.038	2056.380
Average Aroclor-1248					510.759	411.276
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

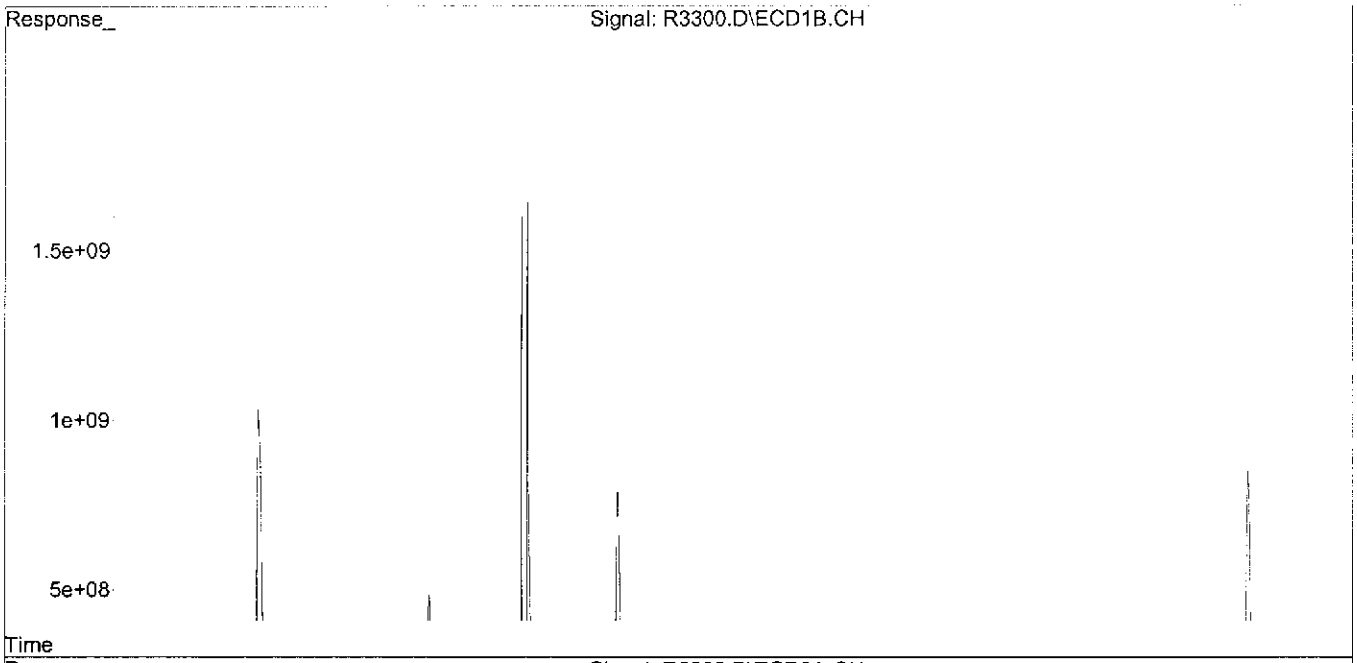
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

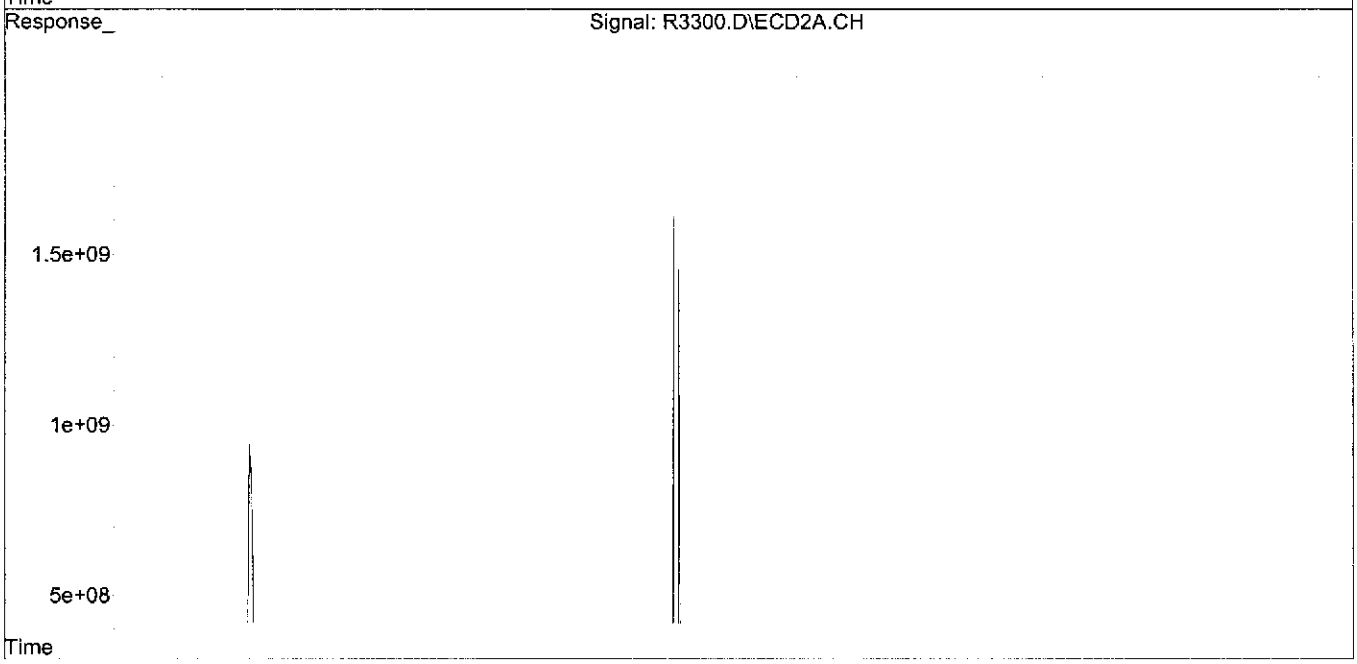
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3300.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 17:21
Operator : YG
Sample : Z-39_(6.0-,08194-021,S,5.45g,20.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 59 Sample Multiplier: 1

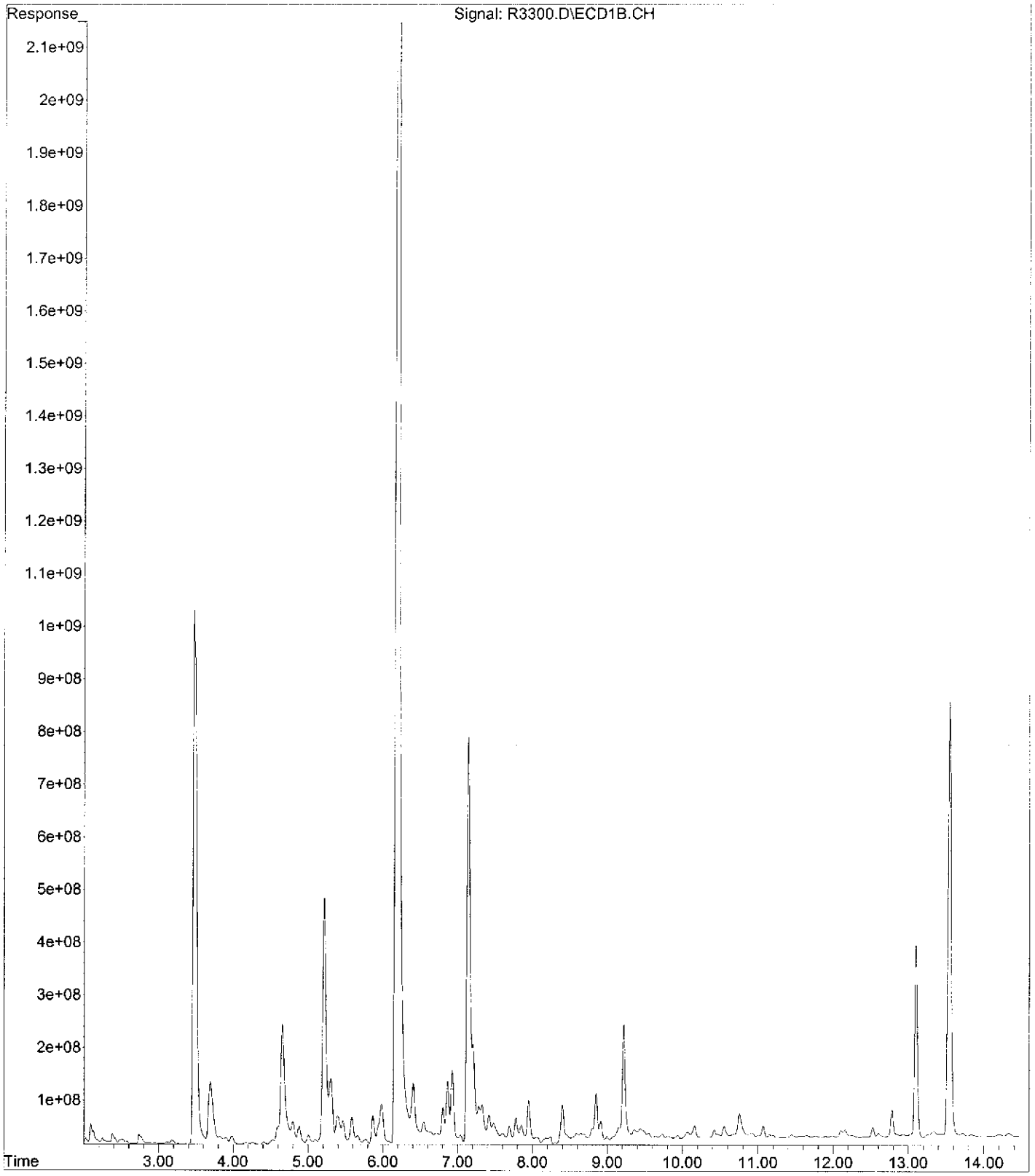
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:31:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

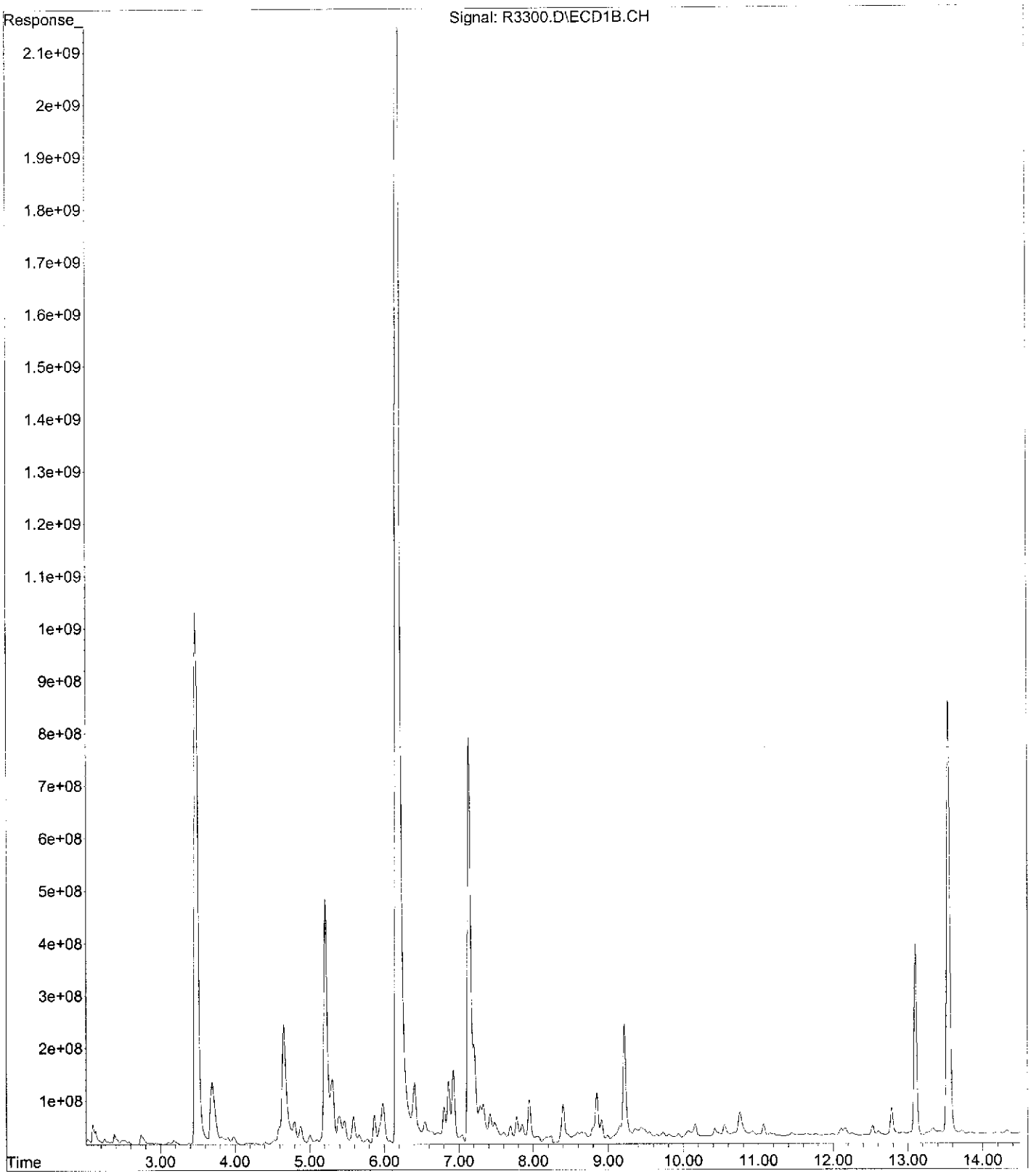




File :C:\MSDChem\1\DATA\08-19-12\R3300.D
Operator : YG
Acquired : 20 Aug 2012 17:21 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: Z-39_(6.0-,08194-021,S,5.45g,20.3,08/17/12,4
Misc Info : 120817-09,08/13/12,08/13/12,1
Vial Number: 59



File :C:\MSDChem\1\DATA\08-19-12\R3300.D
Operator : YG
Acquired : 20 Aug 2012 17:21 using AcqMethod RPCB0803.M
Instrument : GC_R
Sample Name: Z-39_(6.0-,08194-021,S,5.45g,20.3,08/17/12,4
Misc Info : 120817-09,08/13/12,08/13/12,1
Vial Number: 59



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3302.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 18:33
Operator : YG
Sample : DD-29_(5.0,08194-023,S,5.01g,21.1,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:39:40 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	3.49	3.40	39144.6E6	34478.0E6	227.826	239.513
Spiked Amount 200.000			Recovery	=	113.91%	119.76%
2) S DCB	13.10	13.17	10071.3E6	4790.8E6	172.531	119.602 #
Spiked Amount 200.000			Recovery	=	86.27%	59.80%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
28) L7 Aroclor-1254	7.33	7.73	821.8E6	2247.7E6	82.719m	413.070m#
29) L7 Aroclor-1254 {2}	7.78	8.31	343.0E6	253.9E6	53.948m	42.470m
30) L7 Aroclor-1254 {3}	7.95	8.75	747.5E6	1049.4E6	63.097m	273.362m#
31) L7 Aroclor-1254 {4}	8.37	8.92	2509.3E6	396.8E6	181.721m	69.306 #
32) L7 Aroclor-1254 {5}	9.26	9.76	2172.6E6	740.0E6	188.302m	92.996m#
Sum Aroclor-1254			6594.2E6	4687.7E6	569.786	891.205
Average Aroclor-1254					113.957	178.241
33) L8 Aroclor-1260	9.26	8.75	2317.4E6	1221.2E6	165.295m	193.360
34) L8 Aroclor-1260 {2}	9.94	9.16	1531.0E6	1411.0E6	206.471m	193.330
35) L8 Aroclor-1260 {3}	10.42	10.36	4529.2E6	976.4E6	181.104m	193.724m
36) L8 Aroclor-1260 {4}	10.92	10.87	1379.2E6	1899.4E6	132.714m	189.387m#
37) L8 Aroclor-1260 {5}	11.99	11.46	804.9E6	1166.1E6	173.386m	143.550m
Sum Aroclor-1260			10561.8E6	6674.0E6	858.970	913.352
Average Aroclor-1260					171.794	182.670
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\08-20-12\
Data File : R3302.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 18:33
Operator : YG
Sample : DD-29_(5.0,08194-023,S,5.01g,21.1,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:39:40 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

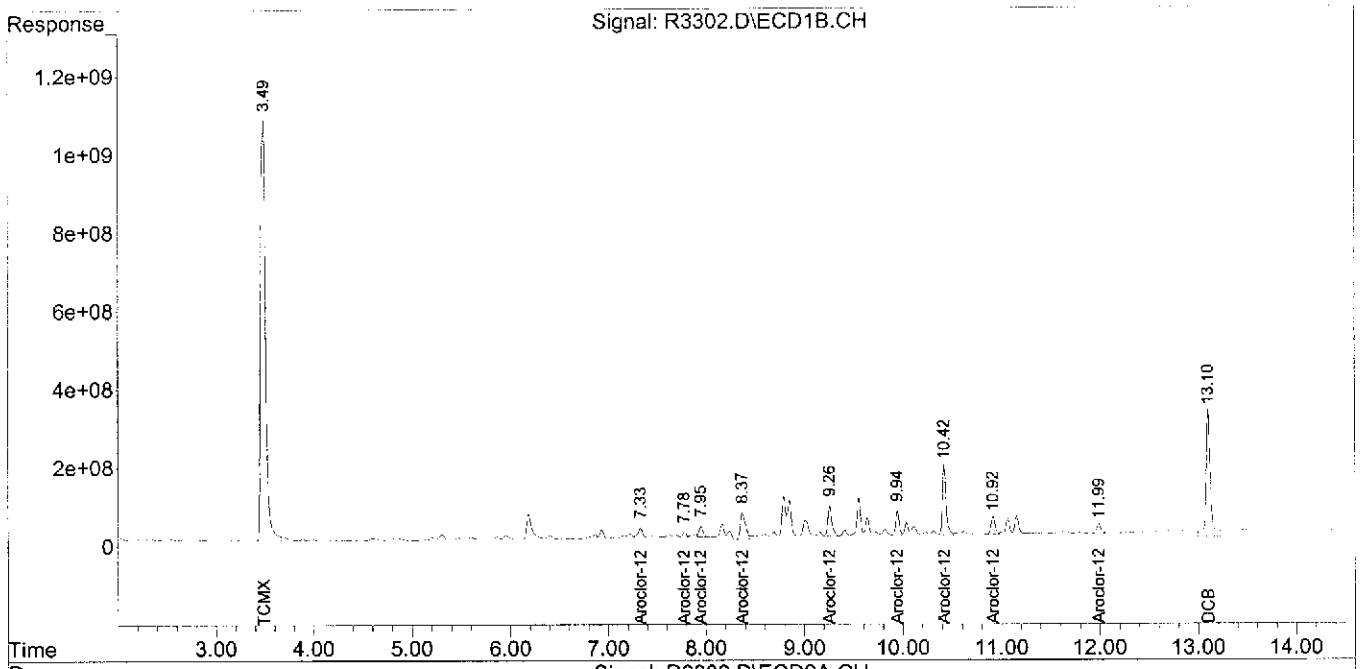
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

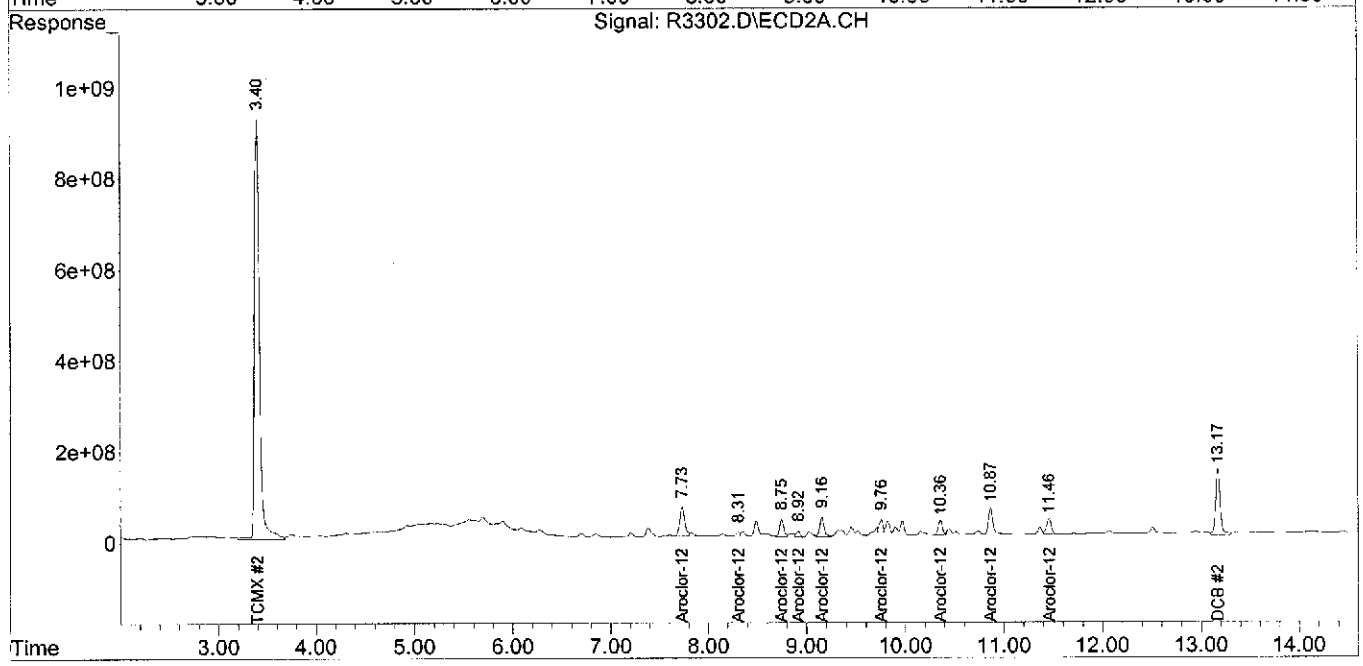
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3302.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 18:33
Operator : YG
Sample : DD-29_(5.0,08194-023,S,5.01g,21.1,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:39:40 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\08-20-12\
Data File : R3303.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 18:51
Operator : YG
Sample : DD-29_(6.0,08194-024,S,5.32g,20.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:41:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	45503.6E6	36403.9E6	264.836	252.892
Spiked Amount 200.000			Recovery	=	132.42%	126.45%
2) S DCB	13.10	13.17	11211.7E6	5816.1E6	192.067	145.198
Spiked Amount 200.000			Recovery	=	96.03%	72.60%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
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	8.75	512.7E6	259.3E6	36.568m	41.057m
34) L8 Aroclor-1260 {2}	9.94	9.16	336.9E6	262.9E6	45.433m	36.020m
35) L8 Aroclor-1260 {3}	10.42	10.36	833.0E6	205.0E6	33.308m	40.664m
36) L8 Aroclor-1260 {4}	10.91	10.86	298.3E6	471.9E6	28.705m	47.054m#
37) L8 Aroclor-1260 {5}	11.99	11.46	212.0E6	260.6E6	45.669m	32.086m#
Sum Aroclor-1260			2192.9E6	1459.7E6	189.682	196.881
Average Aroclor-1260					37.936	39.376
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

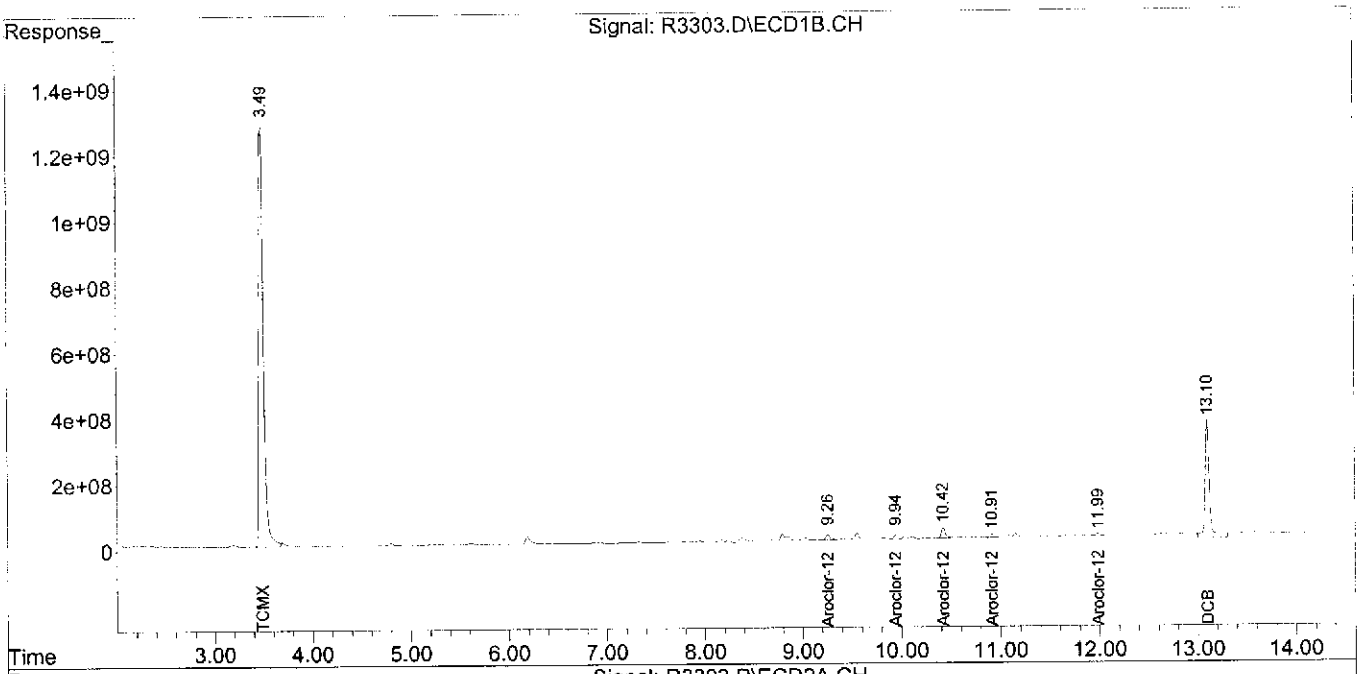
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

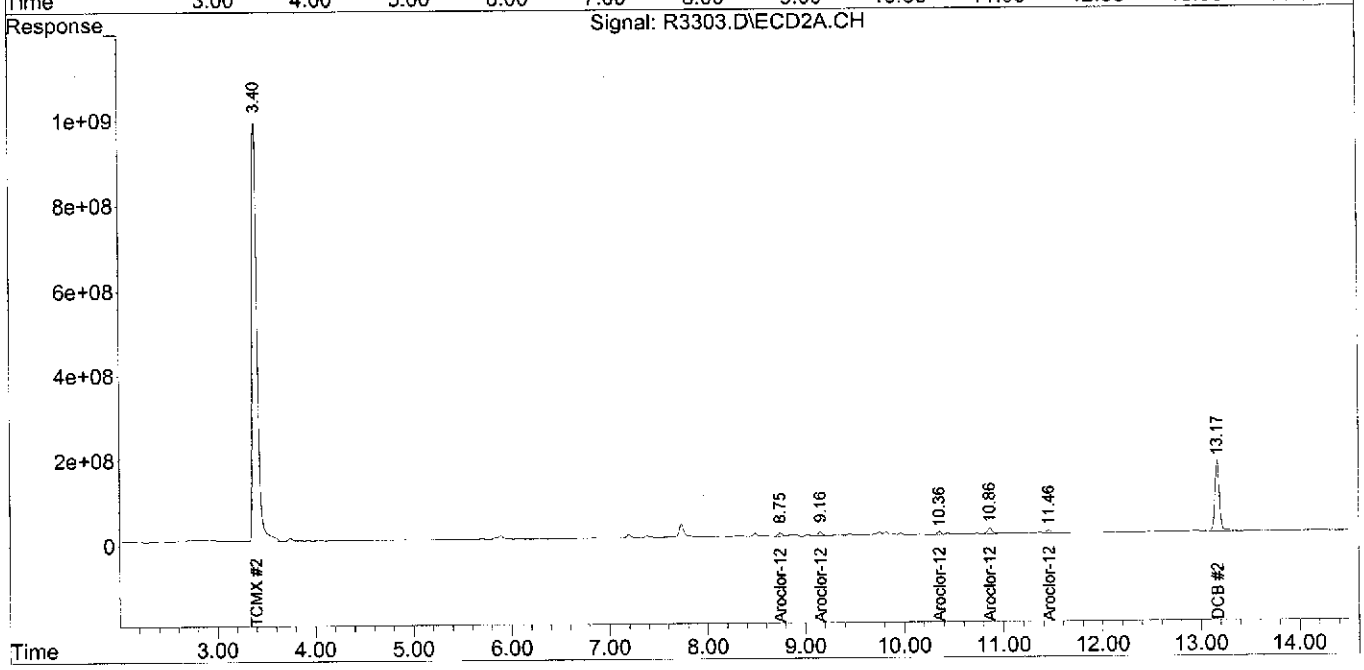
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3303.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 18:51
Operator : YG
Sample : DD-29_(6.0,08194-024,S,5.32g,20.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 62 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:41:32 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\08-21-12\
Data File : R3351.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 18:30
Operator : YG
Sample : II-27_(0-2,08194-026,S,5.42g,8.70,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:56:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.41	32543.3E6	31002.9E6	189.406	215.373
Spiked Amount 200.000			Recovery	=	94.70%	107.69%
2) S DCB	13.11	13.18	7918.5E6	3932.3E6	135.650	98.171 #
Spiked Amount 200.000			Recovery	=	67.83%	49.09%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.71	859.6E6	836.7E6	112.852	149.813 #
24) L6 Aroclor-1248 {2}	5.87	6.31	779.4E6	1578.6E6	181.675	197.685
25) L6 Aroclor-1248 {3}	6.21	6.72	1125.1E6	1577.4E6	204.824	264.295 #
26) L6 Aroclor-1248 {4}	6.93	6.87	3124.6E6	804.3E6	366.724	157.524 #
27) L6 Aroclor-1248 {5}	7.21	0.00	3189.1E6	0	445.463m	N.D. d#
Sum Aroclor-1248			9077.7E6	4796.9E6	1311.538	769.316
Average Aroclor-1248					262.308	192.329
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

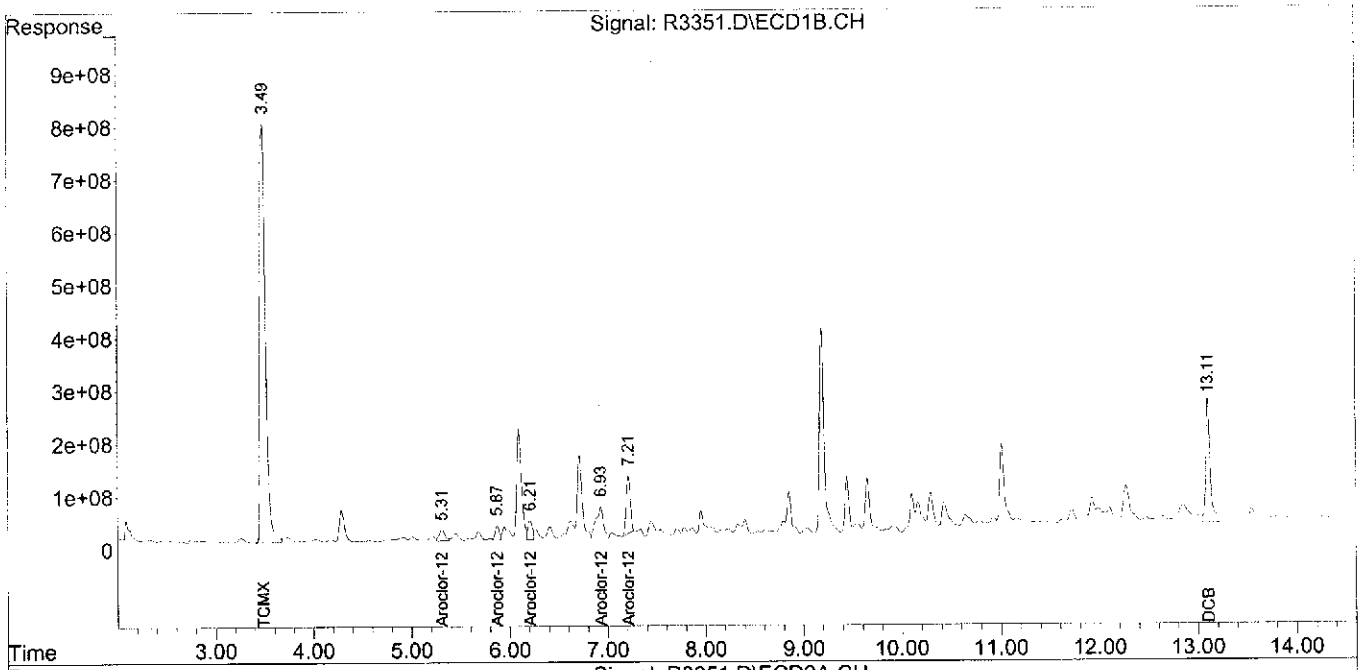
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

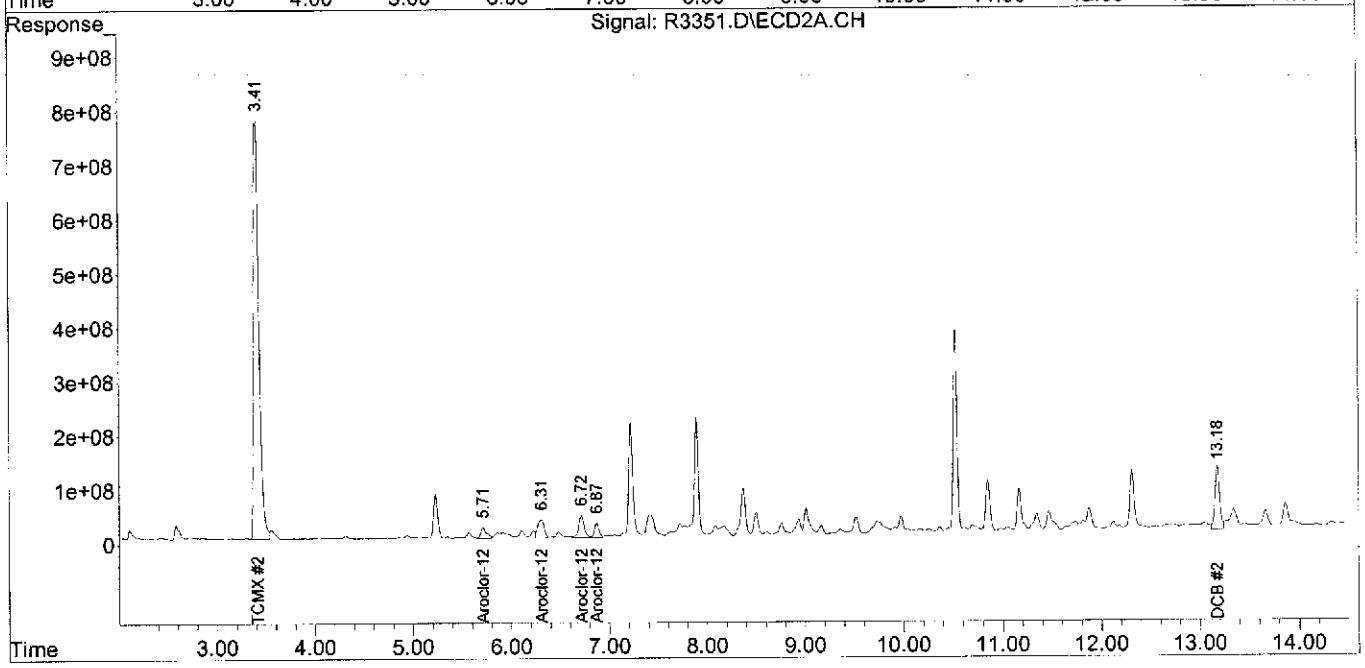
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3351.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 18:30
Operator : YG
Sample : II-27_(0-2,08194-026,S,5.42g,8.70,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:56:26 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\08-20-12\
Data File : R3306.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 19:43
Operator : YG
Sample : II-27_(2.0,08194-027,S,5.46g,10.9,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:26:17 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	3.38	43974.2E6	35100.2E6	255.935	243.836
Spiked Amount 200.000			Recovery	=	127.97%	121.92%
2) S DCB	13.10	13.17	9244.3E6	4915.5E6	158.364	122.716
Spiked Amount 200.000			Recovery	=	79.18%	61.36%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.74	427.7E6	233.2E6	30.504m	36.918m
34) L8 Aroclor-1260 {2}	9.94	9.15	180.2E6	303.5E6	24.301m	41.580 #
35) L8 Aroclor-1260 {3}	10.42	10.35	577.3E6	168.2E6	23.085m	33.375 #
36) L8 Aroclor-1260 {4}	10.91	10.86	210.1E6	404.1E6	20.219m	40.295 #
37) L8 Aroclor-1260 {5}	11.98	11.46	115.5E6	286.8E6	24.879m	35.302 #
Sum Aroclor-1260			1510.8E6	1395.7E6	122.989	187.469
Average Aroclor-1260					24.598	37.494
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

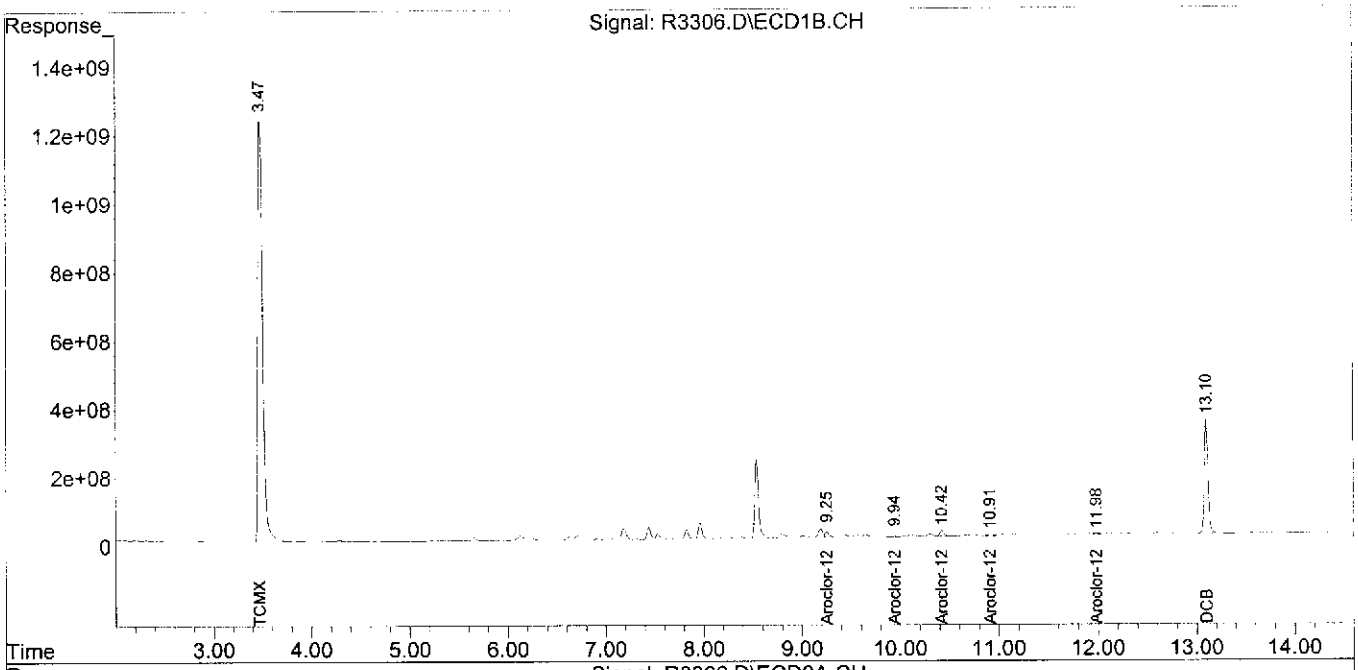
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

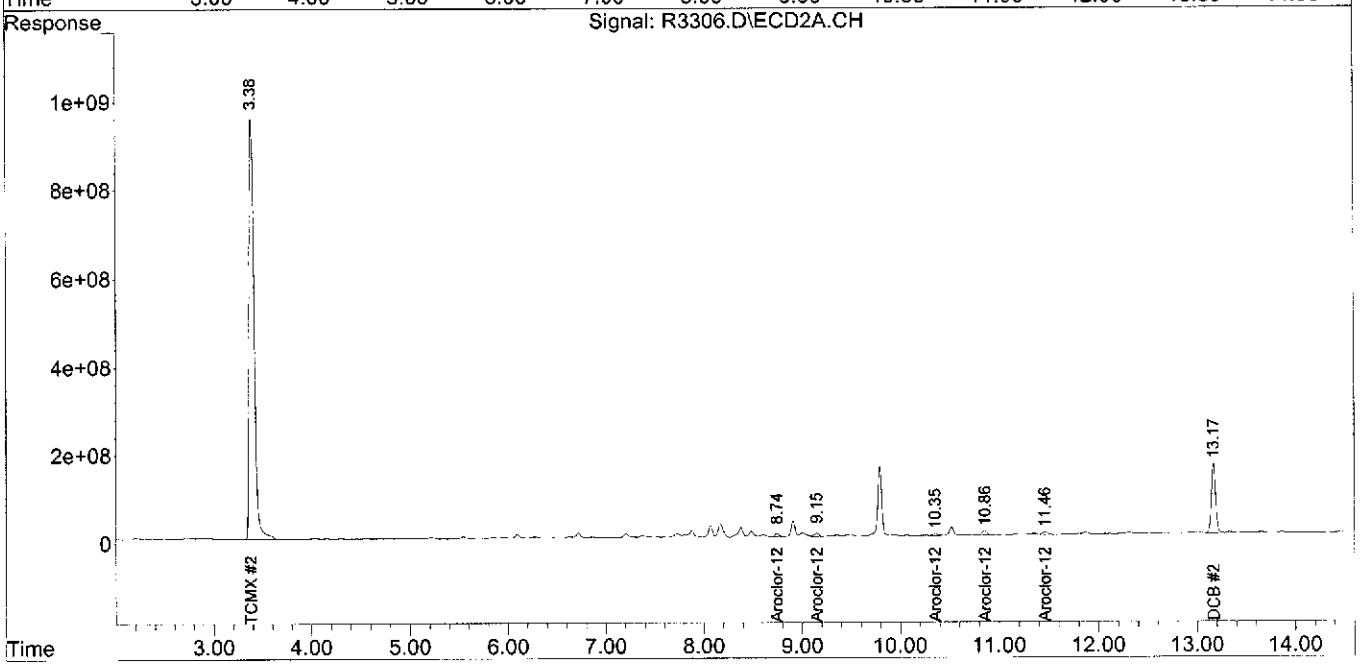
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3306.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 19:43
Operator : YG
Sample : II-27_(2.0,08194-027,S,5.46g,10.9,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 65 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:26:17 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\08-20-12\
Data File : R3307.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 20:00
Operator : YG
Sample : II-27_(4.0,08194-028,S,5.87g,9.60,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:29:25 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	3.38	34906.4E6	32796.4E6	203.159	227.832
Spiked Amount 200.000			Recovery	=	101.58%	113.92%
2) S DCB	13.10	13.17	8346.3E6	4926.3E6	142.980	122.985
Spiked Amount 200.000			Recovery	=	71.49%	61.49%
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	8.74	374.6E6	198.9E6	26.717m	31.487m
34) L8 Aroclor-1260 {2}	9.90	9.15	197.1E6	165.1E6	26.576m	22.628m
35) L8 Aroclor-1260 {3}	10.42	10.35	597.7E6	111.8E6	23.901m	22.177m
36) L8 Aroclor-1260 {4}	10.91	10.84	161.4E6	490.5E6	15.530m	48.907m#
37) L8 Aroclor-1260 {5}	11.98	11.46	84204696	342.9E6	18.138m	42.209m#
Sum Aroclor-1260			1415.0E6	1309.1E6	110.862	167.409
Average Aroclor-1260					22.172	33.482
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

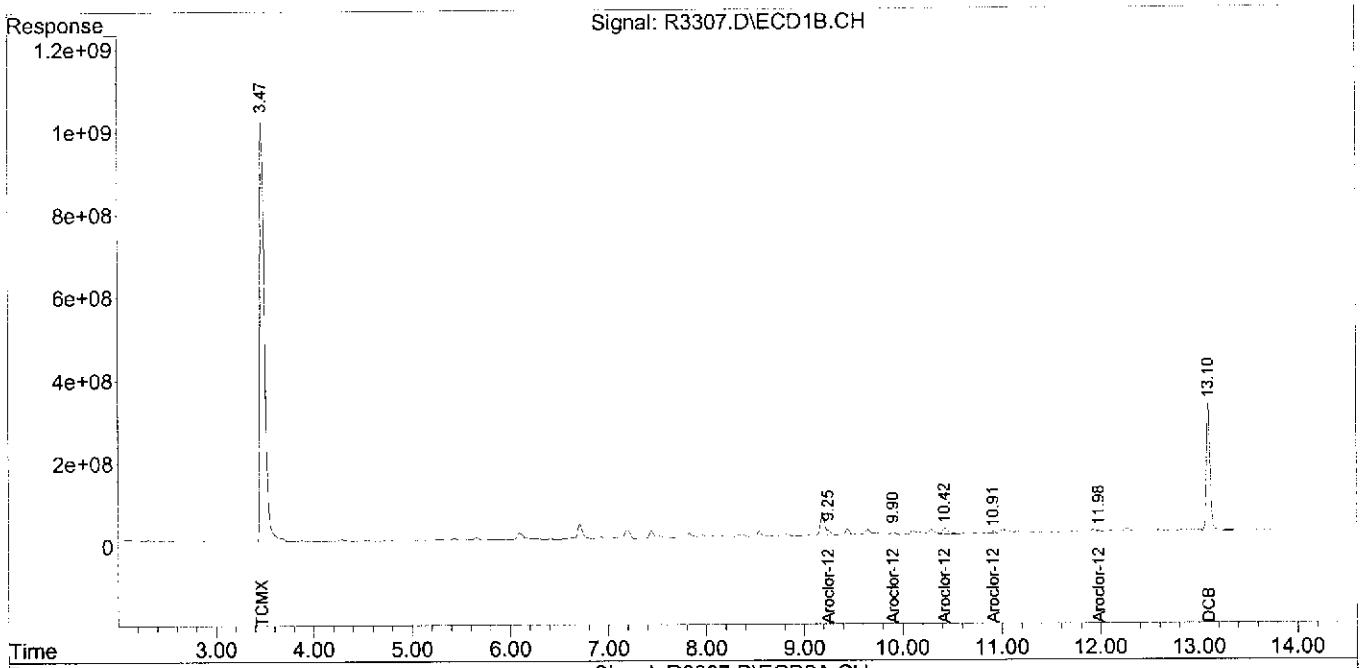
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

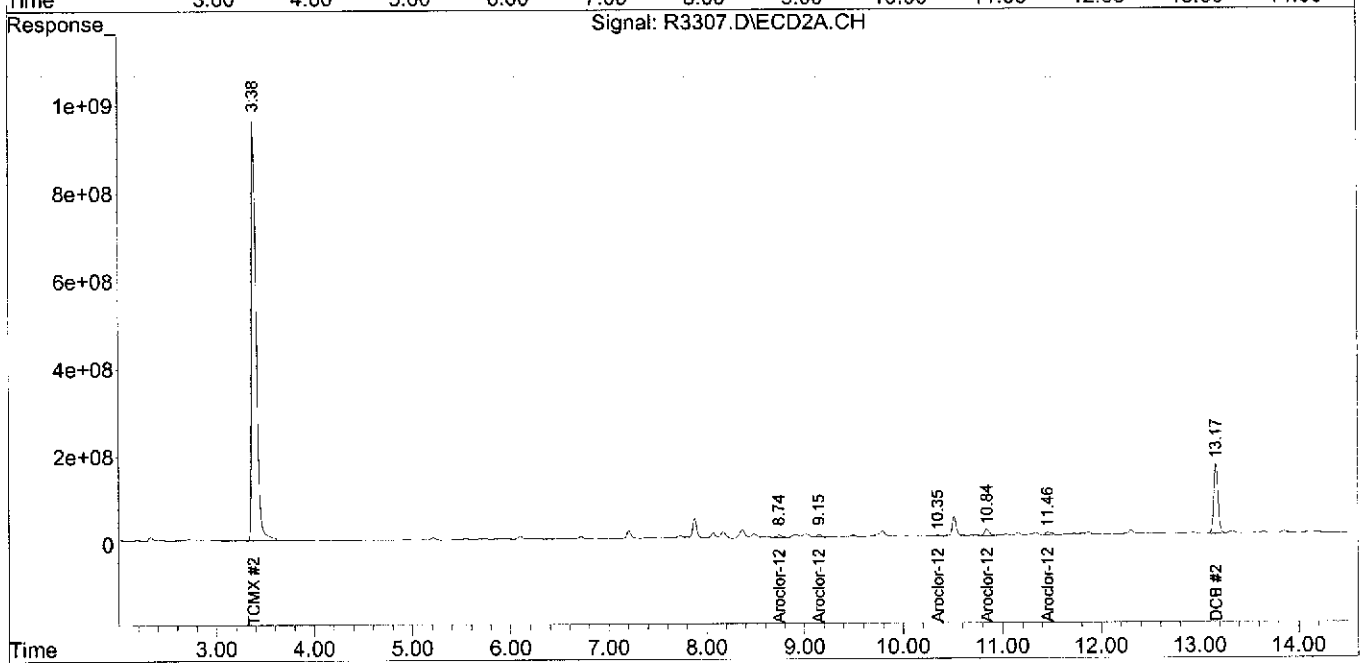
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3307.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 20:00
Operator : YG
Sample : II-27_(4.0,08194-028,S,5.87g,9.60,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 66 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:29:25 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\08-20-12\
Data File : R3308.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 20:18
Operator : YG
Sample : II-27_(6.0,08194-029,S,5.06g,18.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:30:52 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	3.38	42343.8E6	35418.5E6	246.446	246.047m
Spiked Amount 200.000			Recovery	=	123.22%	123.02%
2) S DCB	13.10	13.17	8246.6E6	5054.2E6	141.272	126.178m
Spiked Amount 200.000			Recovery	=	70.64%	63.09%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

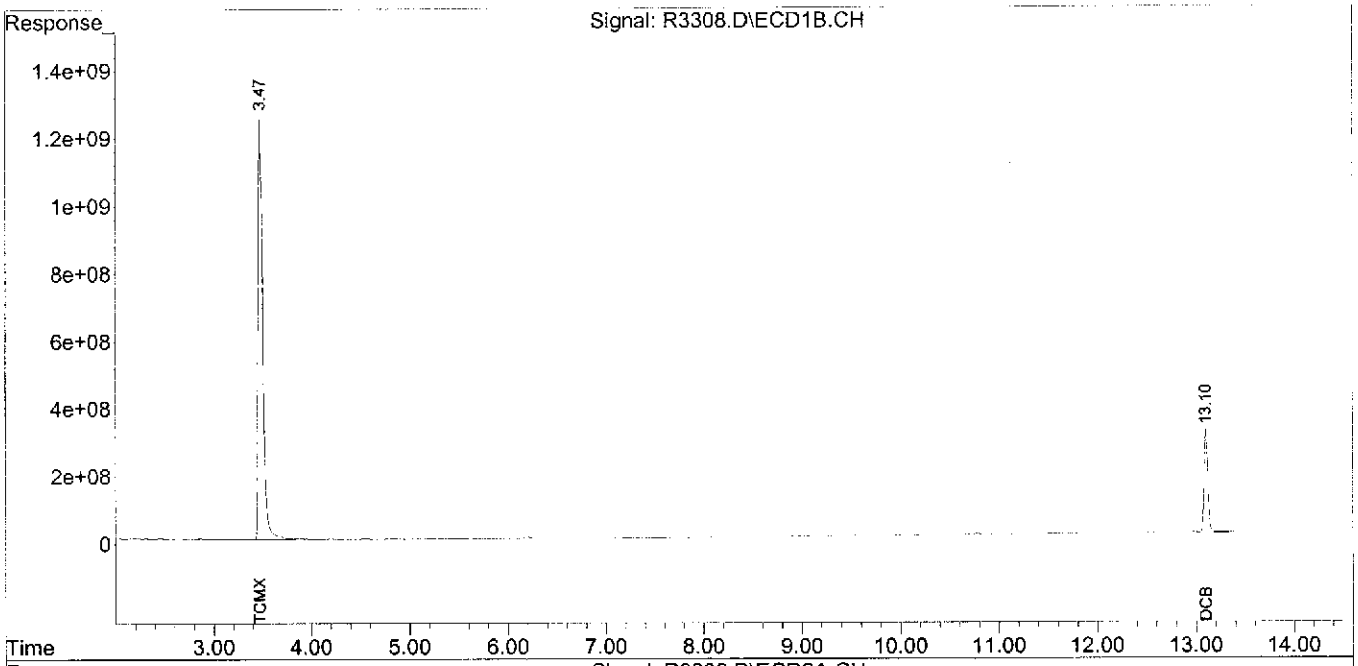
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

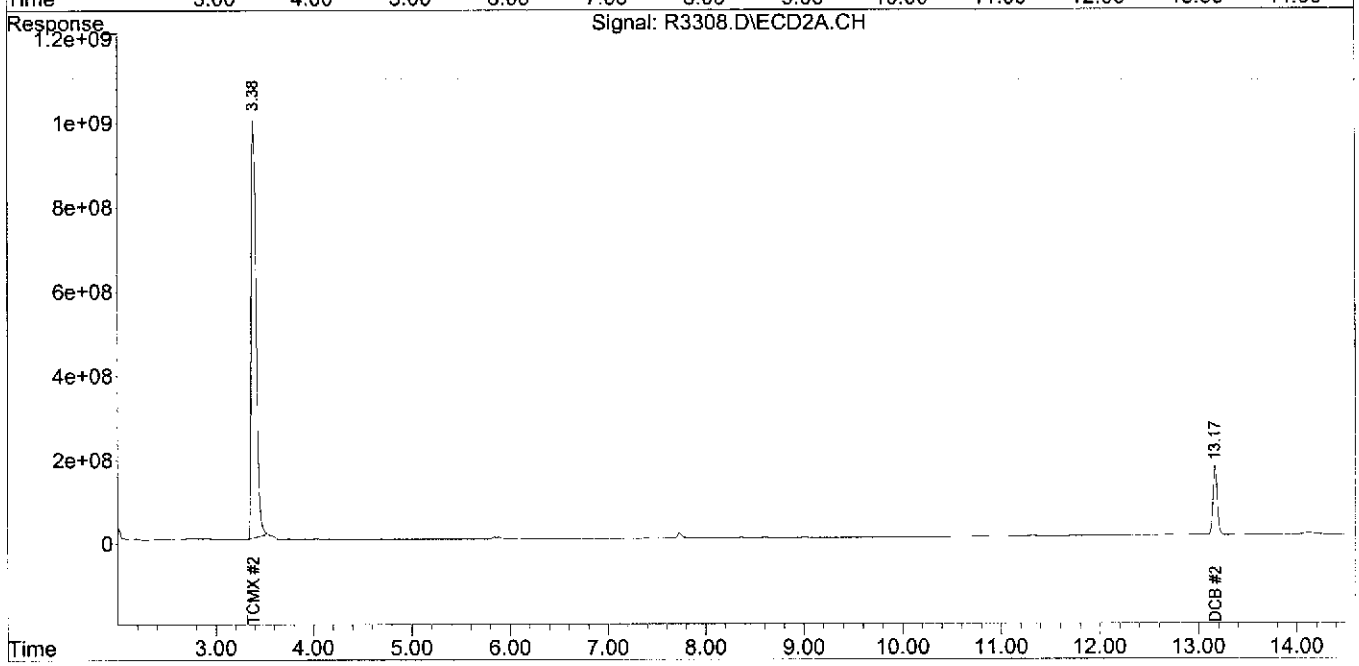
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3308.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 20:18
Operator : YG
Sample : II-27_(6.0,08194-029,S,5.06g,18.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 67 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:30:52 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\08-20-12\
Data File : R3309.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 20:35
Operator : YG
Sample : EE-18_(0-2,08194-030,S,5.46g,11.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:33:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	4686.2E6	3938.8E6	27.274m	27.362
Spiked Amount 200.000			Recovery	=	13.64%	13.68%
2) S DCB	13.10	13.17	802.5E6	547.0E6	13.748m	13.657m
Spiked Amount 200.000			Recovery	=	6.87%	6.83%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	10104.3E6	7539.9E6	1326.494	1350.107
24) L6 Aroclor-1248 {2}	5.87	6.29	3880.5E6	8478.4E6	904.558	1061.738
25) L6 Aroclor-1248 {3}	6.20	6.70	4952.4E6	6092.5E6	901.578	1020.825
26) L6 Aroclor-1248 {4}	6.93	6.85	7631.8E6	4685.4E6	895.728	917.620
27) L6 Aroclor-1248 {5}	7.21	7.21	5339.9E6	2233.5E6	745.905	773.394
Sum Aroclor-1248			31908.9E6	29029.7E6	4774.263	5123.684
Average Aroclor-1248					954.853	1024.737
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

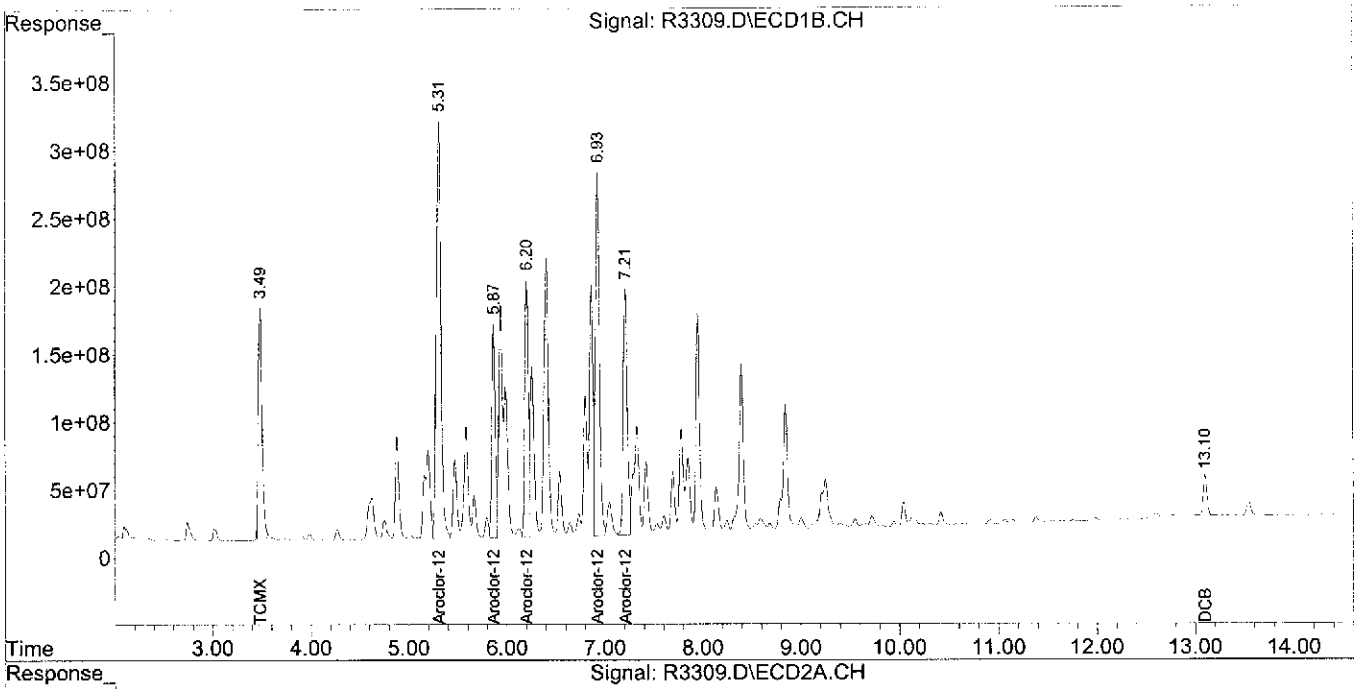
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

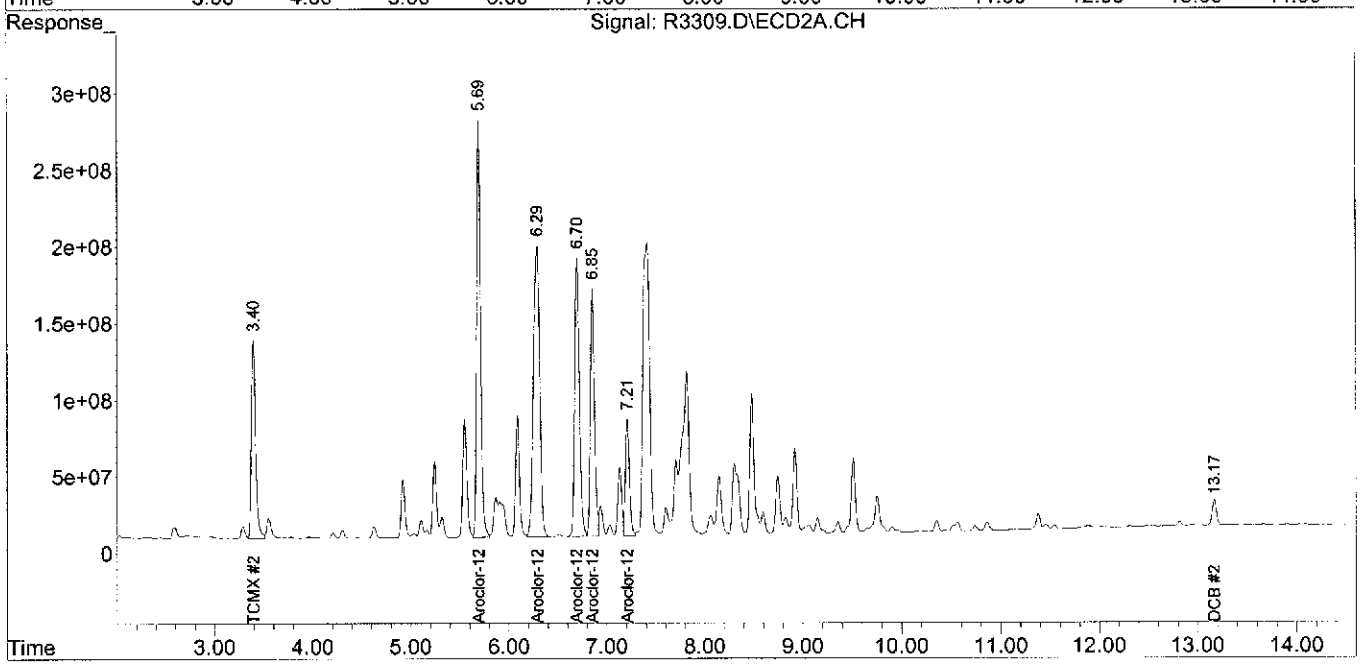
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3309.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 20:35
Operator : YG
Sample : EE-18_(0-2,08194-030,S,5.46g,11.3,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 68 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:33:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3352.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 18:47
Operator : YG
Sample : EE-18_(2.0,08194-031,S,5.30g,34.6,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:58:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.40	4778.2E6	3674.3E6	27.809m	25.525m
Spiked Amount 200.000			Recovery	=	13.90%	12.76%
2) S DCB	13.10	13.17	763.2E6	475.4E6	13.074m	11.867m
Spiked Amount 200.000			Recovery	=	6.54%	5.93%
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
23) L6 Aroclor-1248	5.31	5.70	4754.1E6	3322.9E6	624.123	594.999
24) L6 Aroclor-1248 {2}	5.87	6.29	2546.3E6	5839.7E6	593.543	731.301
25) L6 Aroclor-1248 {3}	6.20	6.70	3916.7E6	4343.0E6	713.033	727.691
26) L6 Aroclor-1248 {4}	6.93	6.85	7207.1E6	2900.6E6	845.885	568.065 #
27) L6 Aroclor-1248 {5}	7.21	7.21	4872.3E6	1781.7E6	680.584	616.963
Sum Aroclor-1248			23296.5E6	18187.9E6	3457.167	3239.020
Average Aroclor-1248					691.433	647.804
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

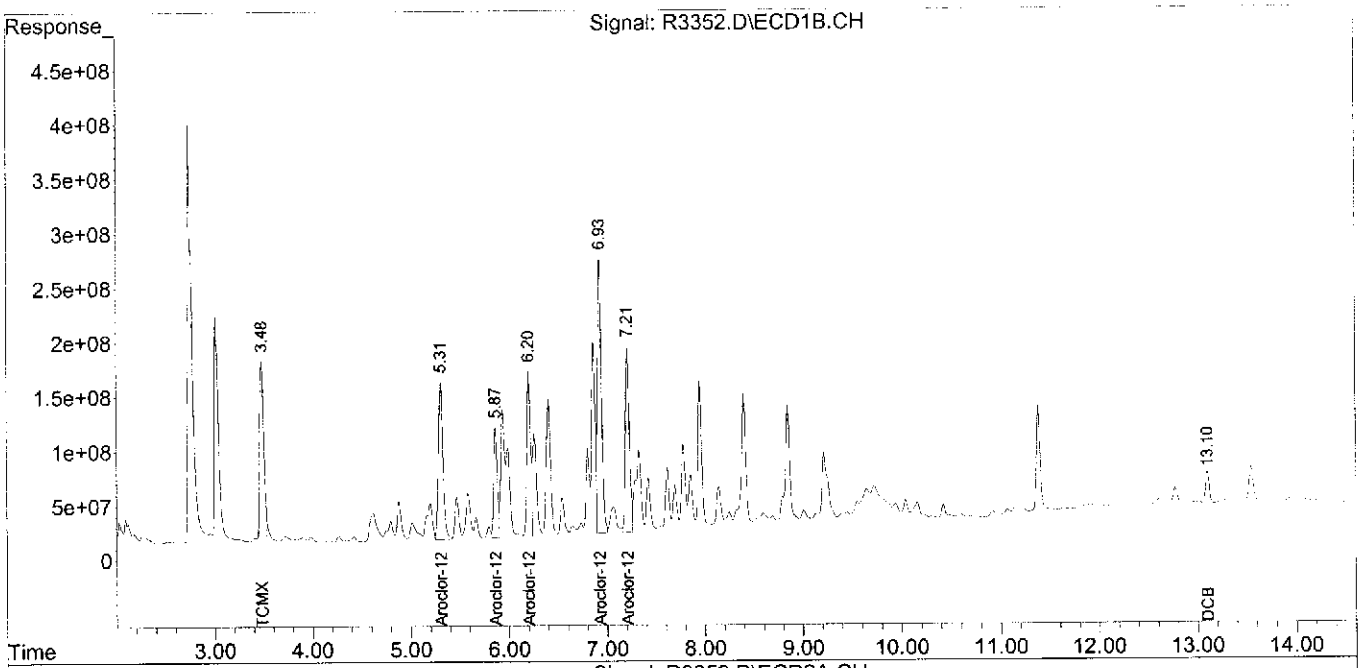
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

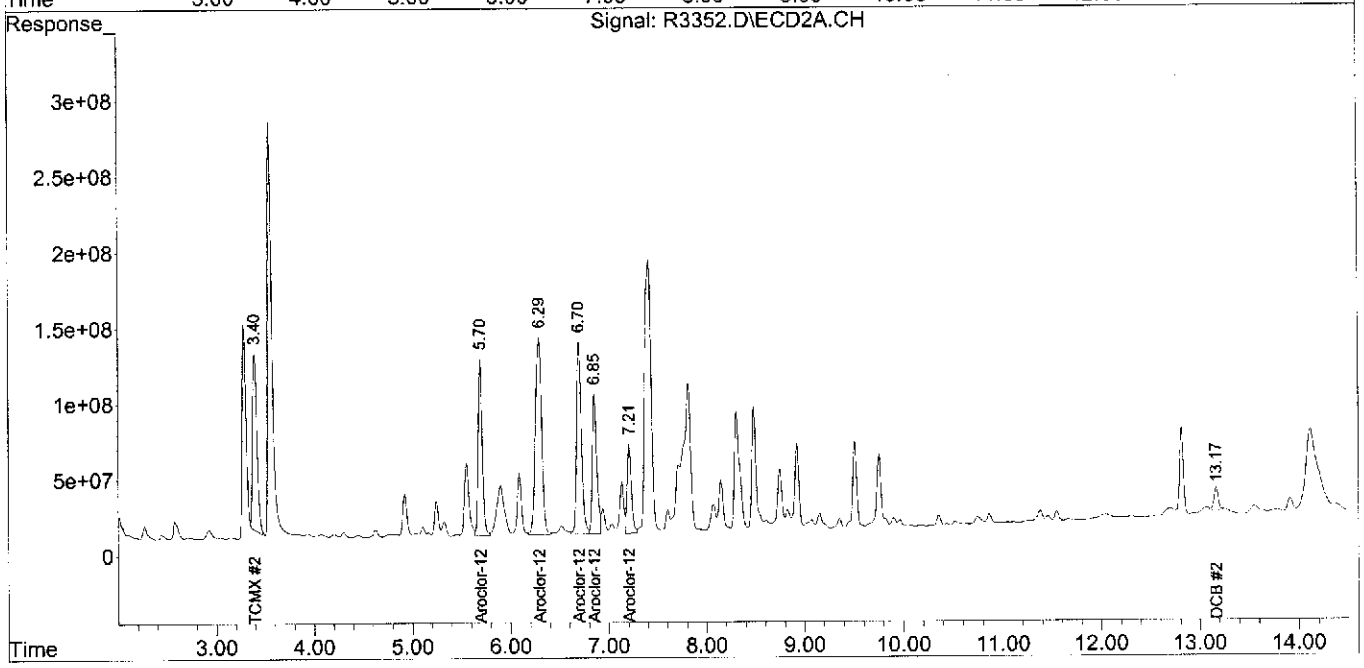
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3352.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 18:47
Operator : YG
Sample : EE-18_(2.0,08194-031,S,5.30g,34.6,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:58:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3311.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 21:10
Operator : YG
Sample : EE-18_(4.0,08194-032,S,5.68g,25.1,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:36:08 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	3.38	44047.6E6	36740.3E6	256.362	255.230m
Spiked Amount 200.000			Recovery	=	128.18%	127.61%
2) S DCB	13.10	13.17	9817.1E6	6024.2E6	168.175	150.395
Spiked Amount 200.000			Recovery	=	84.09%	75.20%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

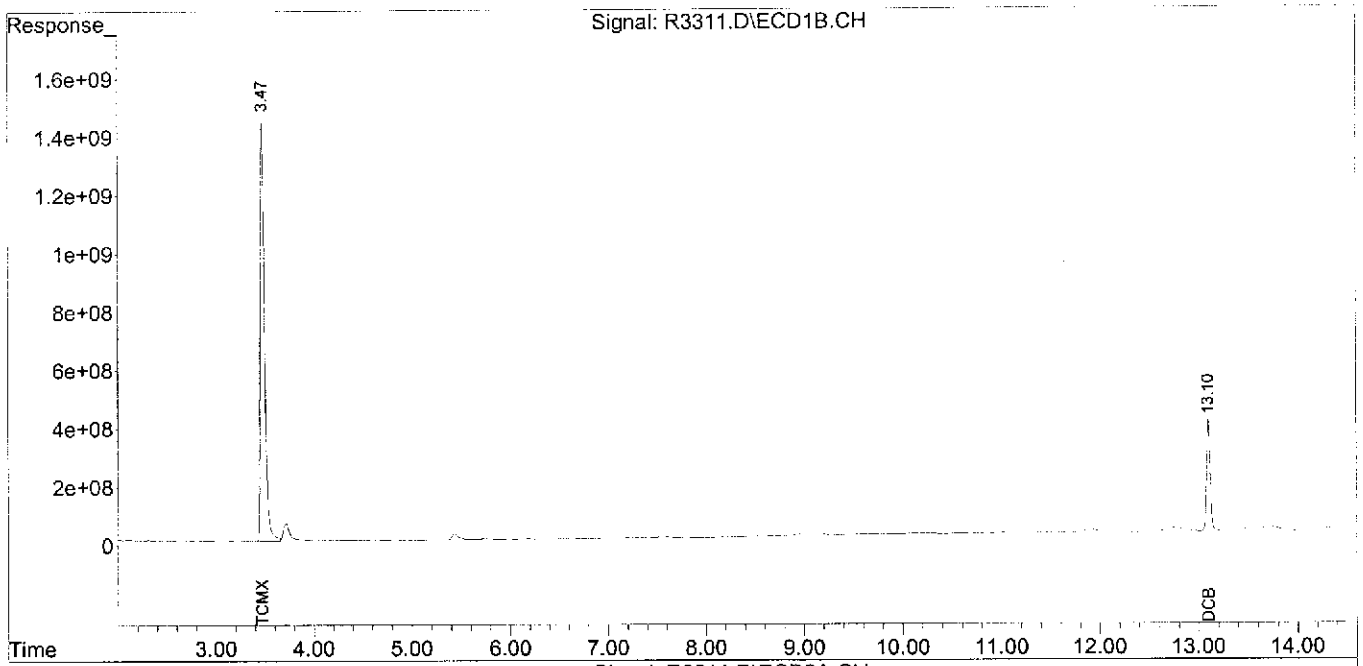
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

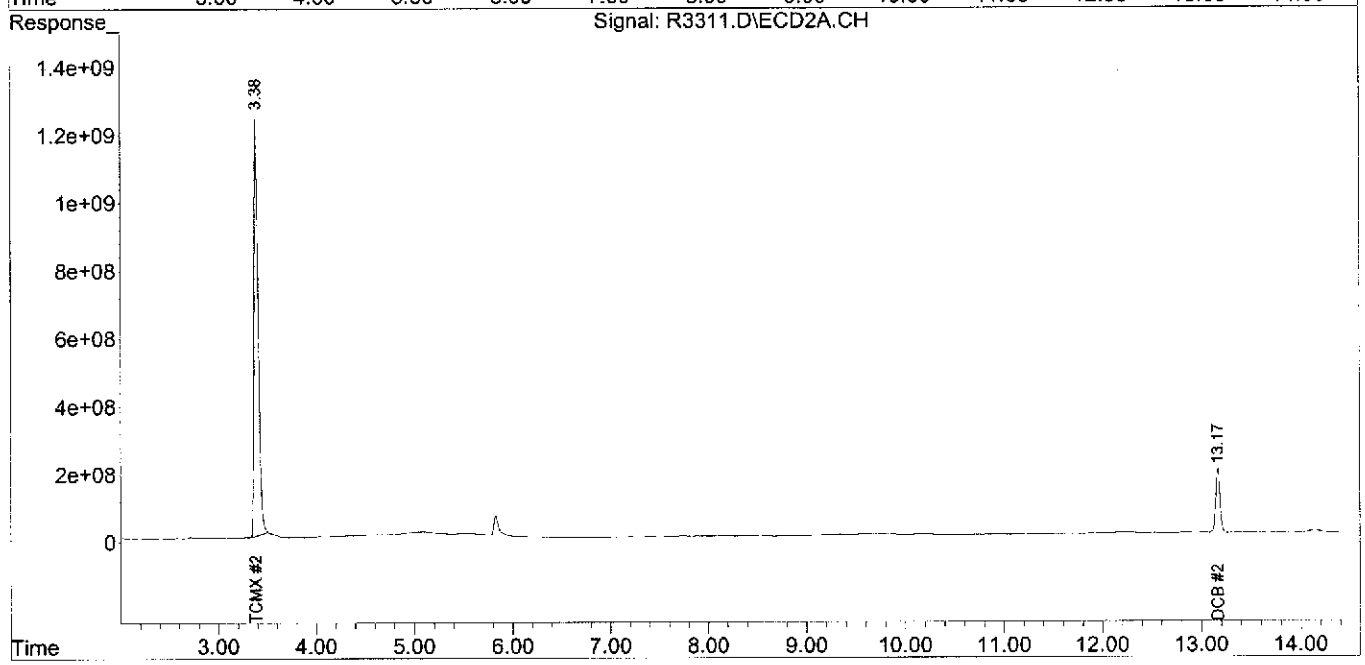
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3311.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 21:10
Operator : YG
Sample : EE-18_(4.0,08194-032,S,5.68g,25.1,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 70 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:36:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3312.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 21:27
Operator : YG
Sample : FF-18_(0-2,08194-033,S,5.10g,7.20,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:41:56 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	3.38	38695.7E6	33042.1E6	225.214	229.539
Spiked Amount 200.000			Recovery	=	112.61%	114.77%
2) S DCB	13.10	13.17	8668.8E6	5104.7E6	148.504	127.439
Spiked Amount 200.000			Recovery	=	74.25%	63.72%
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
23) L6 Aroclor-1248	5.31	5.69	3810.3E6	3019.4E6	500.222	540.660
24) L6 Aroclor-1248 {2}	5.86	6.29	3486.7E6	7322.0E6	812.766	916.928
25) L6 Aroclor-1248 {3}	6.20	6.70	4829.2E6	6147.7E6	879.157	1030.066
26) L6 Aroclor-1248 {4}	6.93	6.85	7436.3E6	3697.0E6	872.785	724.029
27) L6 Aroclor-1248 {5}	7.21	7.21	4583.0E6	2604.0E6	640.179	901.698 #
Sum Aroclor-1248			24145.6E6	22790.0E6	3705.109	4113.381
Average Aroclor-1248					741.022	822.676
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

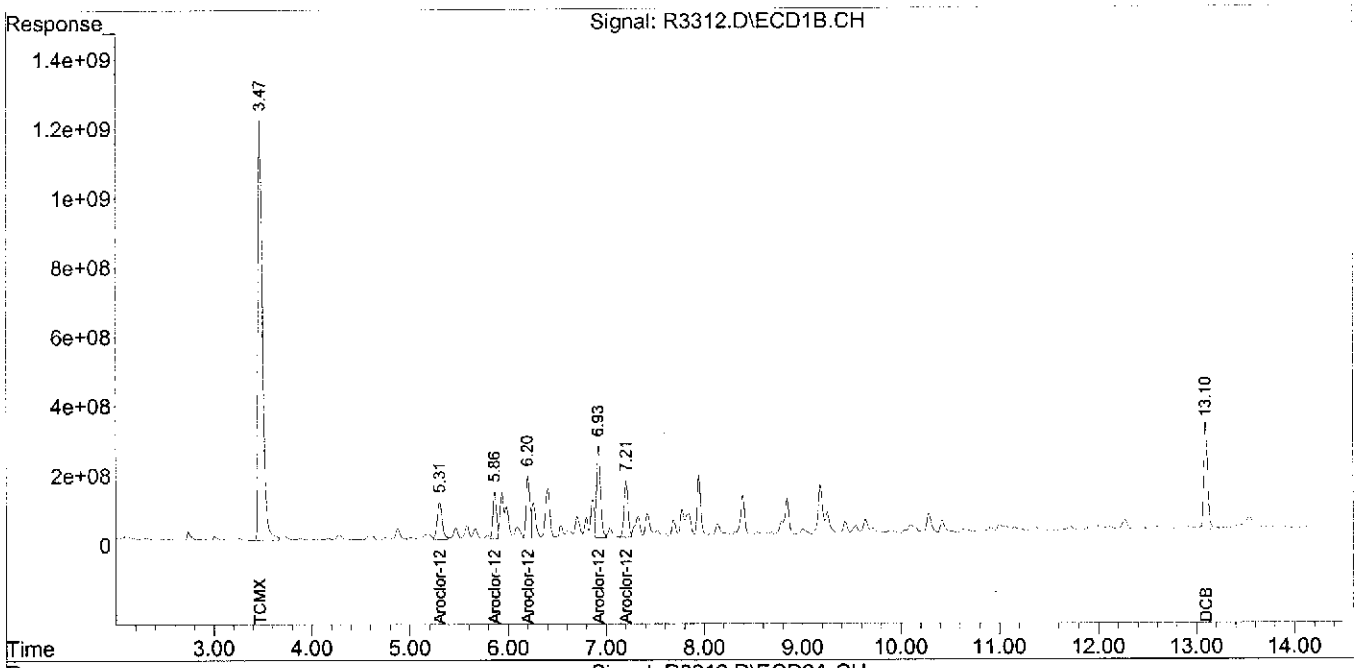
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

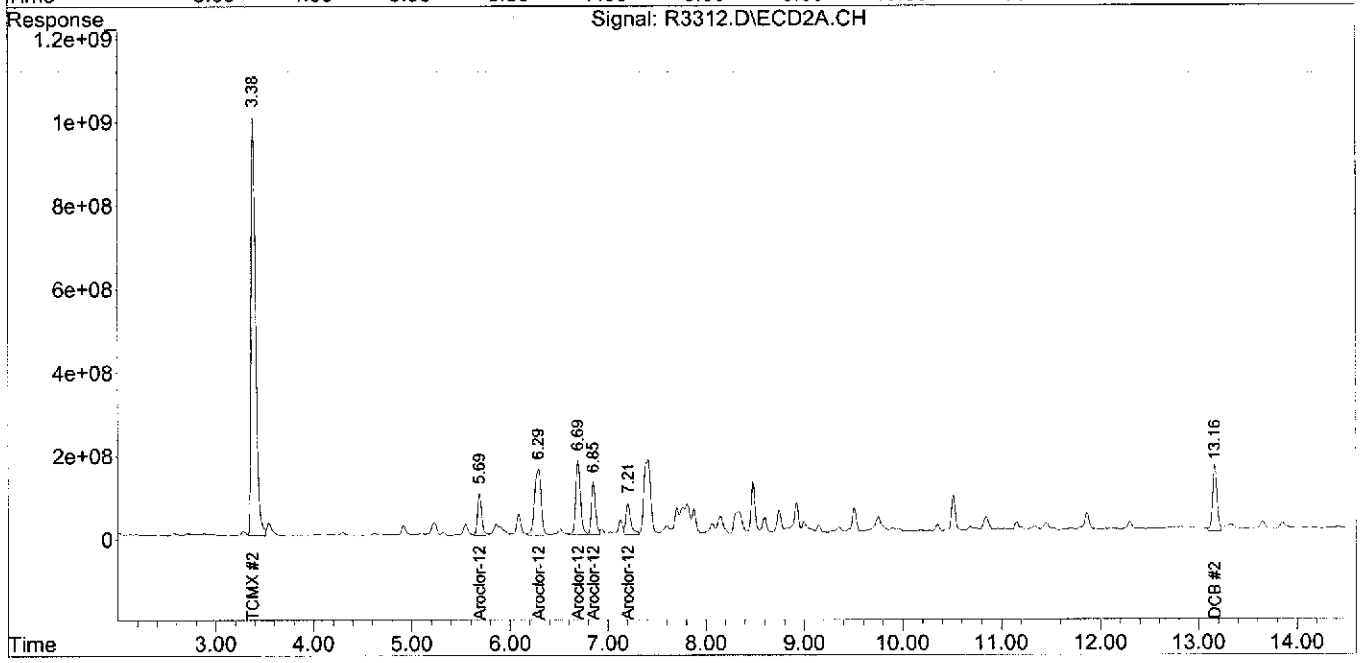
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3312.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 21:27
Operator : YG
Sample : FF-18_(0-2,08194-033,S,5.10g,7.20,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 71 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:41:56 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\08-20-12\
Data File : R3313.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 21:45
Operator : YG
Sample : FF-18_(2.0,08194-034,S,5.42g,20.2,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,100
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:45:40 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						
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	5.69	873.2E6	735.4E6	114.628	131.678
24) L6 Aroclor-1248 {2}	5.87	6.29	298.5E6	836.1E6	69.588	104.702m#
25) L6 Aroclor-1248 {3}	6.20	6.70	136.4E6	300.6E6	24.828	50.370m#
26) L6 Aroclor-1248 {4}	6.93	6.85	285.0E6	196.7E6	33.452	38.526m
27) L6 Aroclor-1248 {5}	7.21	7.21	199.6E6	81212305	27.880	28.122m
Sum Aroclor-1248			1792.7E6	2150.0E6	270.375	353.397
Average Aroclor-1248					54.075	70.679
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

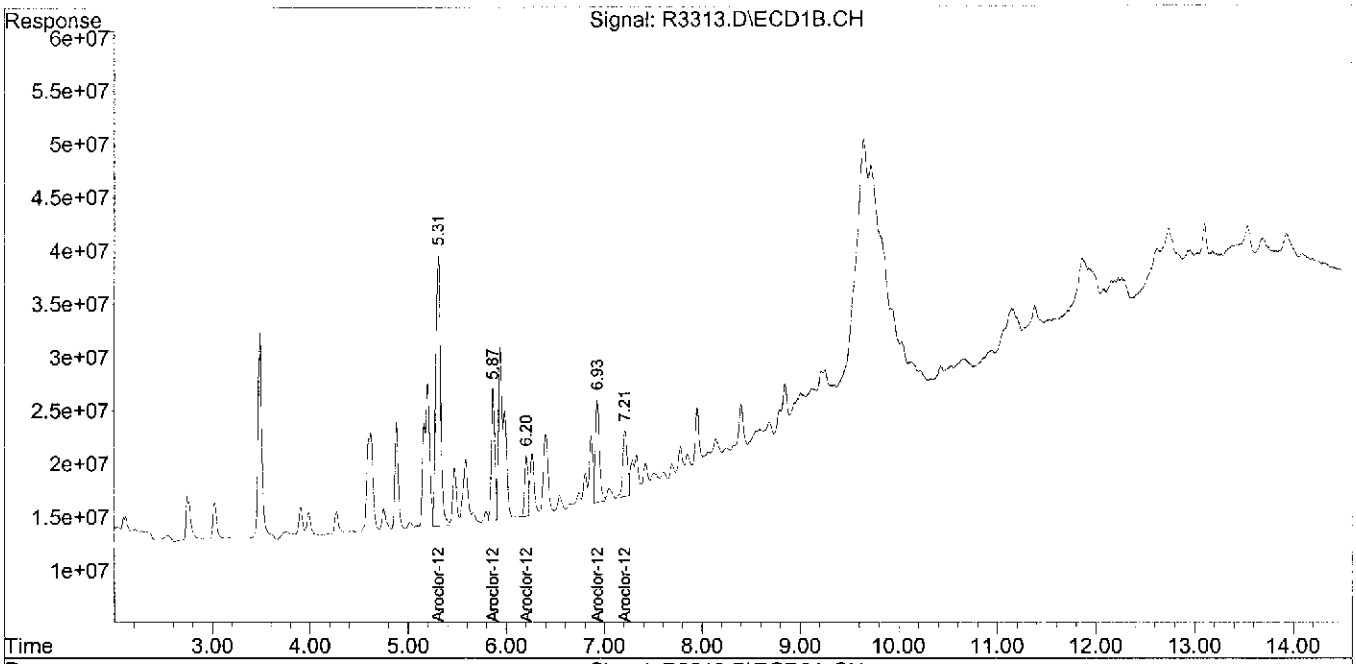
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

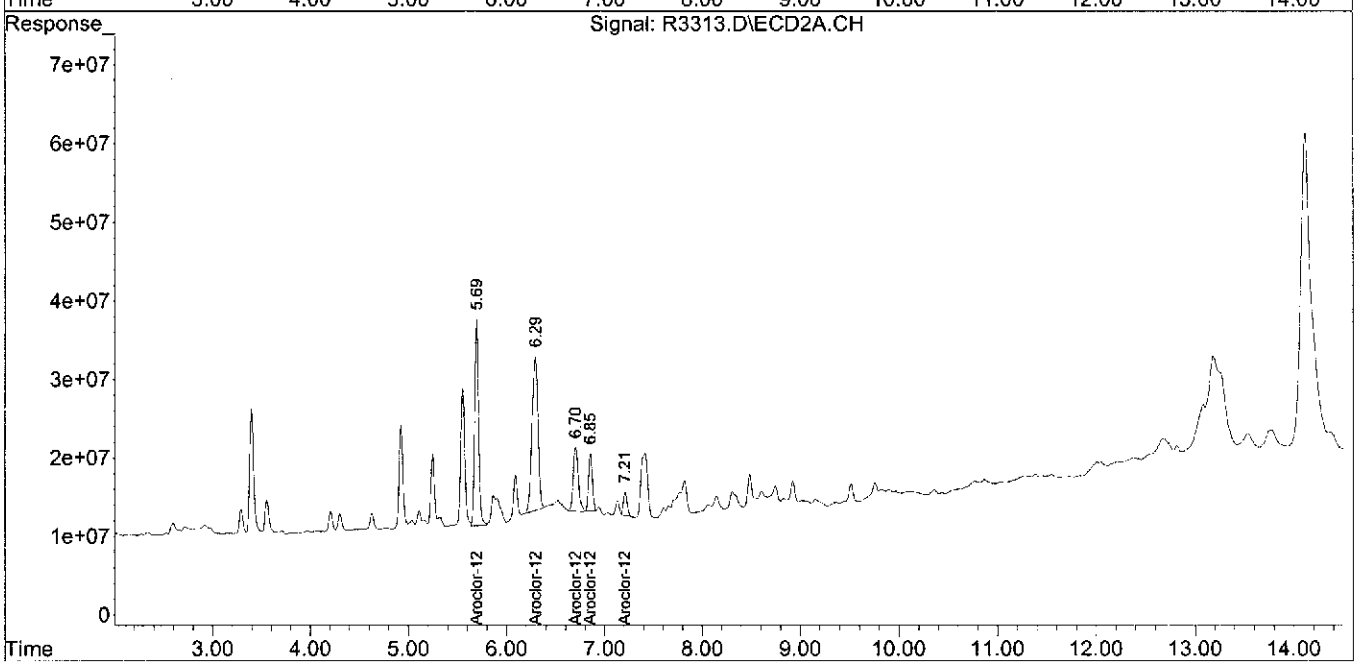
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3313.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 21:45
Operator : YG
Sample : FF-18_(2.0,08194-034,S,5.42g,20.2,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,100
ALS Vial : 72 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:45:40 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\08-20-12\
Data File : R3314.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 22:02
Operator : YG
Sample : FF-18_(4.0,08194-035,S,5.08g,77.8,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 15:00:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.38	36772.3E6	36142.6E6	214.019	251.077m
Spiked Amount 200.000			Recovery	=	107.01%	125.54%
2) S DCB	13.10	13.17	10540.2E6	6527.3E6	180.564m	162.955
Spiked Amount 200.000			Recovery	=	90.28%	81.48%
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	5.69	694.2E6	774.2E6	91.135m	138.635 #
24) L6 Aroclor-1248 {2}	5.86	6.29	97890369	391.4E6	22.818m	49.018m#
25) L6 Aroclor-1248 {3}	0.00	6.69	0	479.3E6	N.D. d	80.306m#
26) L6 Aroclor-1248 {4}	6.92	6.85	314.4E6	353.4E6	36.905m	69.217 #
27) L6 Aroclor-1248 {5}	7.18	0.00	687.6E6	0	96.042m	N.D. d#
Sum Aroclor-1248			1794.1E6	1998.4E6	246.901	337.176
Average Aroclor-1248					61.725	84.294
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

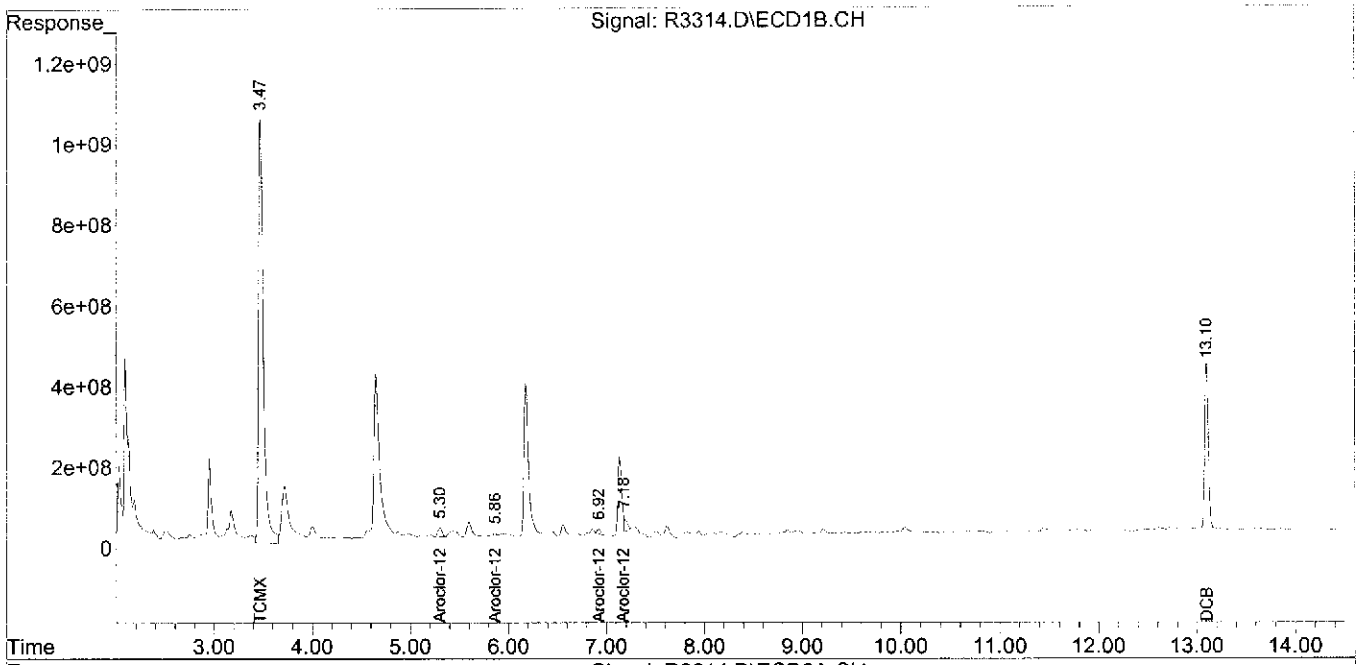
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

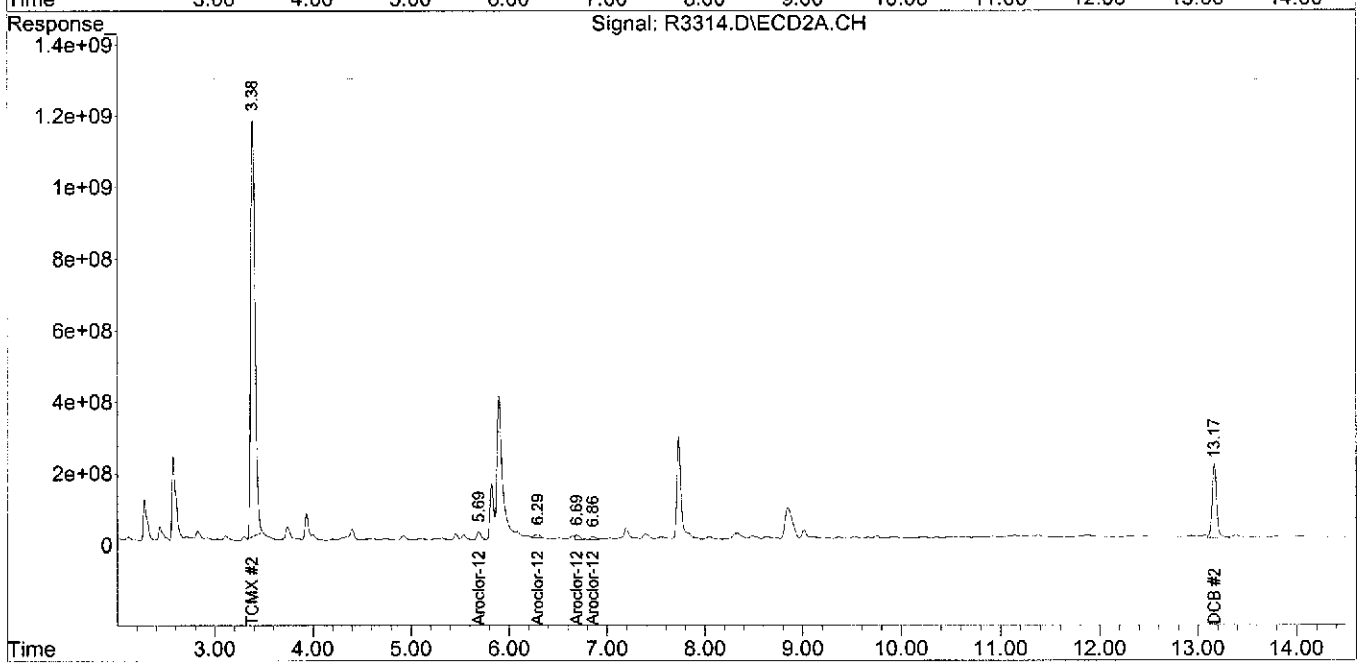
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3314.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 22:02
Operator : YG
Sample : FF-18_(4.0,08194-035,S,5.08g,77.8,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 73 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 15:00:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3315.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 22:20
Operator : YG
Sample : FF-18_(4.7,08194-036,S,5.00g,20.4,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:53:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.38	43474.6E6	34950.1E6	253.027	242.794m
Spiked Amount 200.000			Recovery	=	126.51%	121.40%
2) S DCB	13.10	13.17	7920.7E6	6023.3E6	135.688	150.371
Spiked Amount 200.000			Recovery	=	67.84%	75.19%
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
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

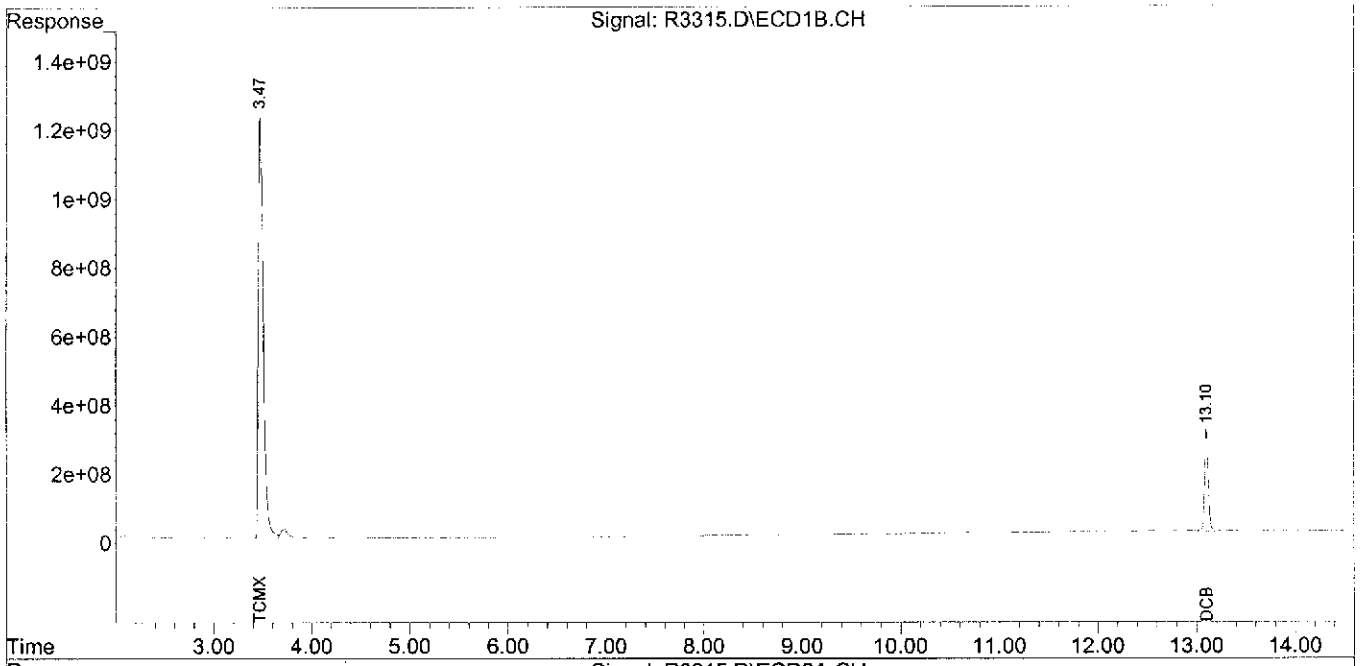
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

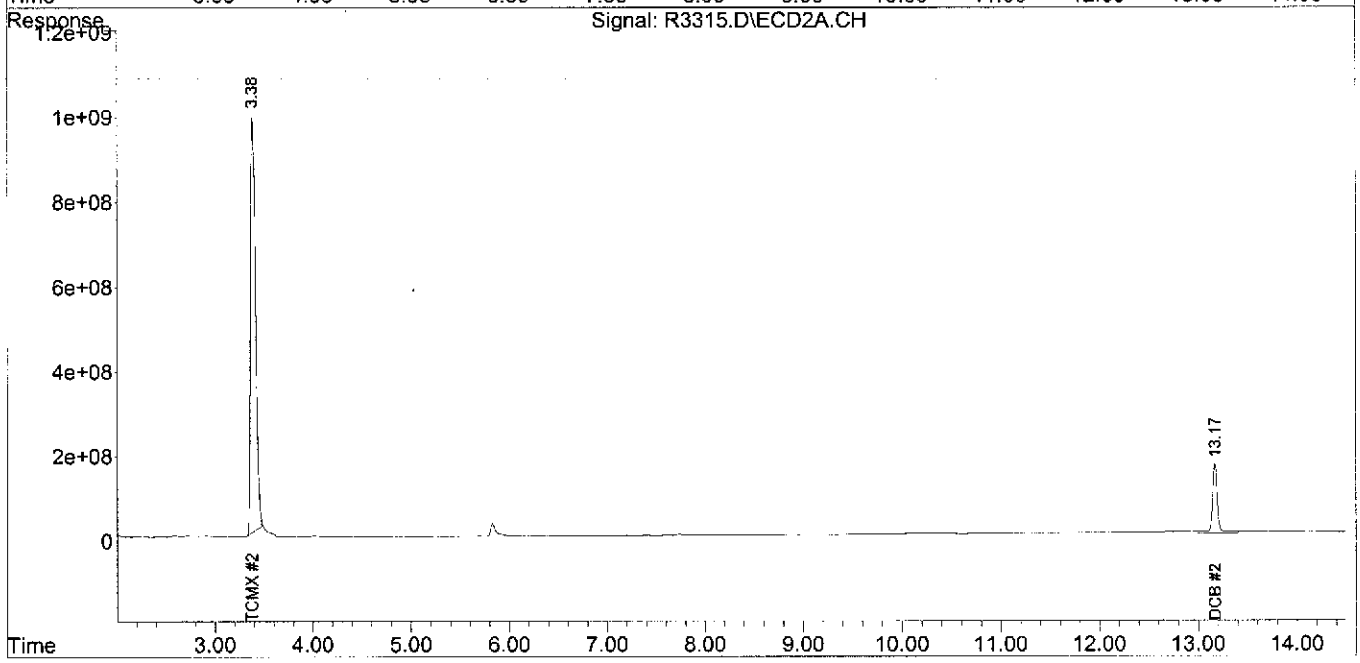
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3315.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 22:20
Operator : YG
Sample : FF-18_(4.7,08194-036,S,5.00g,20.4,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 74 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:53:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3316.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 22:37
Operator : YG
Sample : FF-19_(0-2,08194-037,S,5.05g,5.30,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:57:25 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	3.38	39748.7E6	33580.0E6	231.342	233.276
Spiked Amount 200.000			Recovery	=	115.67%	116.64%
2) S DCB	13.10	13.17	7962.5E6	5028.1E6	136.404	125.528
Spiked Amount 200.000			Recovery	=	68.20%	62.76%
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	5.69	4959.3E6	3860.1E6	651.061	691.201
24) L6 Aroclor-1248 {2}	5.86	6.29	4182.4E6	9035.7E6	974.928	1131.534
25) L6 Aroclor-1248 {3}	6.20	6.70	6001.4E6	7338.6E6	1092.553	1229.603
26) L6 Aroclor-1248 {4}	6.93	6.85	8760.3E6	4389.5E6	1028.183	859.654
27) L6 Aroclor-1248 {5}	7.21	7.21	5131.0E6	2415.1E6	716.728	836.308
Sum Aroclor-1248			29034.5E6	27039.0E6	4463.453	4748.300
Average Aroclor-1248					892.691	949.660
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

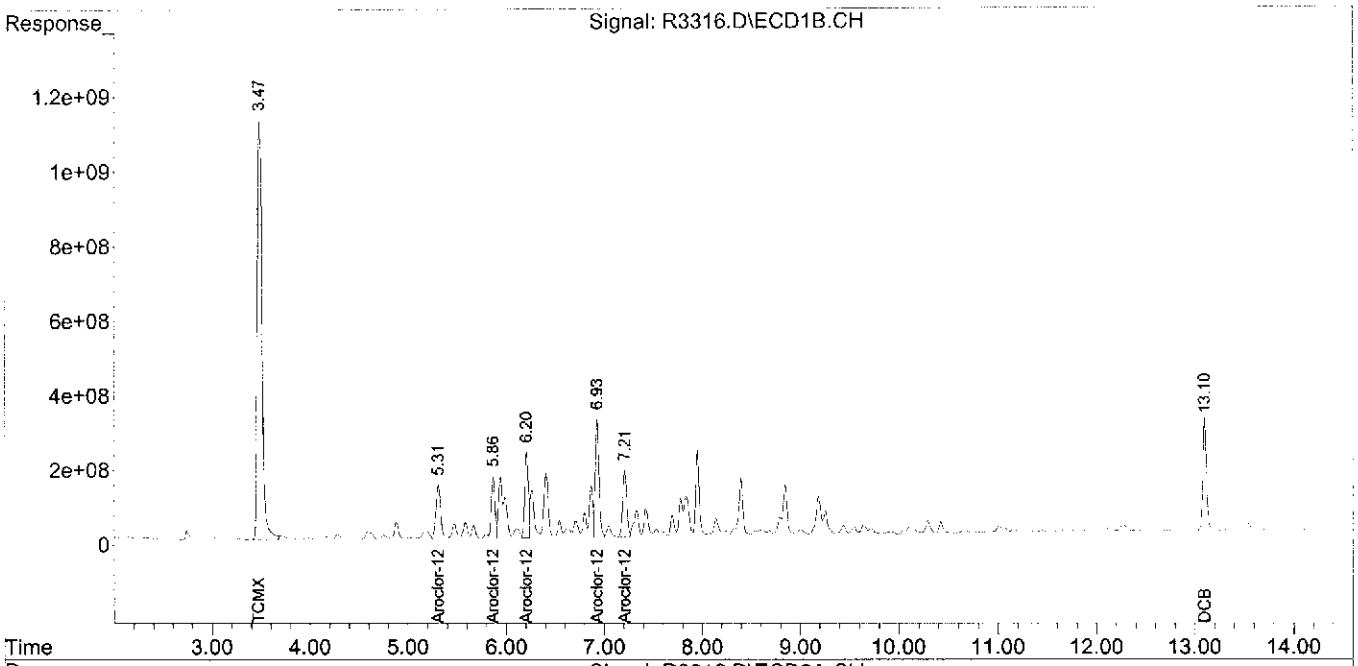
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

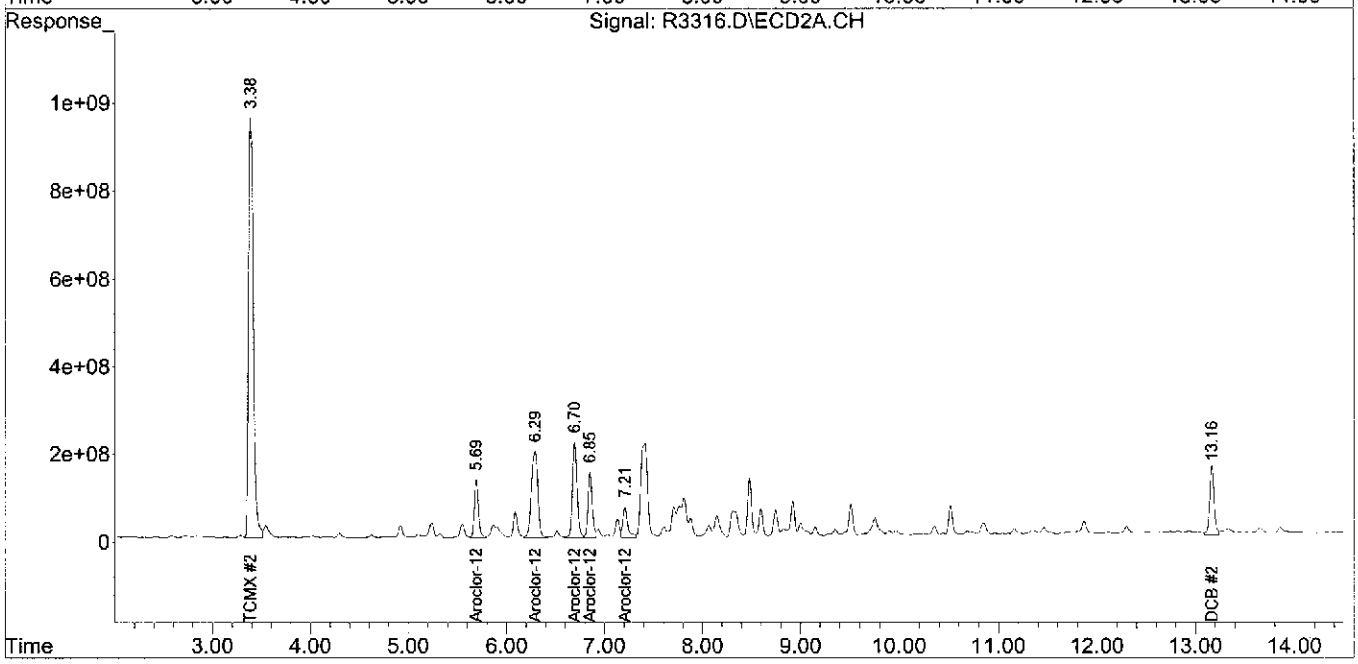
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3316.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 22:37
Operator : YG
Sample : FF-19_(0-2,08194-037,S,5.05g,5.30,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 75 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 14:57:25 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\08-21-12\
Data File : R3353.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 19:05
Operator : YG
Sample : FF-19 (2.0,08194-038,S,5.56g,14.2,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:00:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	5477.4E6	4200.2E6	31.879m	29.178m
Spiked Amount 200.000			Recovery	=	15.94%	14.59%
2) S DCB	13.10	13.17	859.2E6	516.2E6	14.719m	12.888m
Spiked Amount 200.000			Recovery	=	7.36%	6.44%
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	4889.3E6	3573.4E6	641.872	639.863
24) L6 Aroclor-1248 {2}	5.87	6.29	1802.1E6	4236.3E6	420.081	530.505 #
25) L6 Aroclor-1248 {3}	6.20	6.70	3058.5E6	3027.8E6	556.805	507.325
26) L6 Aroclor-1248 {4}	6.93	6.85	5118.2E6	2410.4E6	600.714	472.062
27) L6 Aroclor-1248 {5}	7.21	7.21	4406.2E6	1487.0E6	615.473	514.907
Sum Aroclor-1248			19274.4E6	14734.9E6	2834.946	2664.662
Average Aroclor-1248					566.989	532.932
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

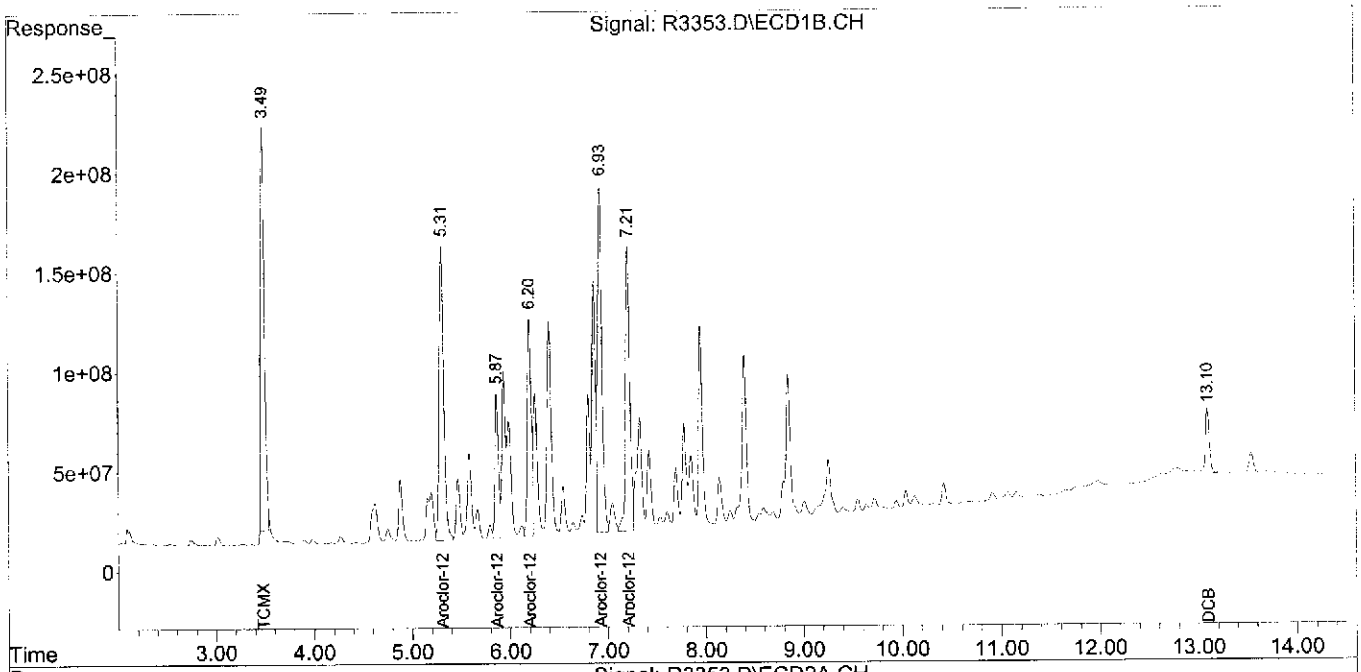
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

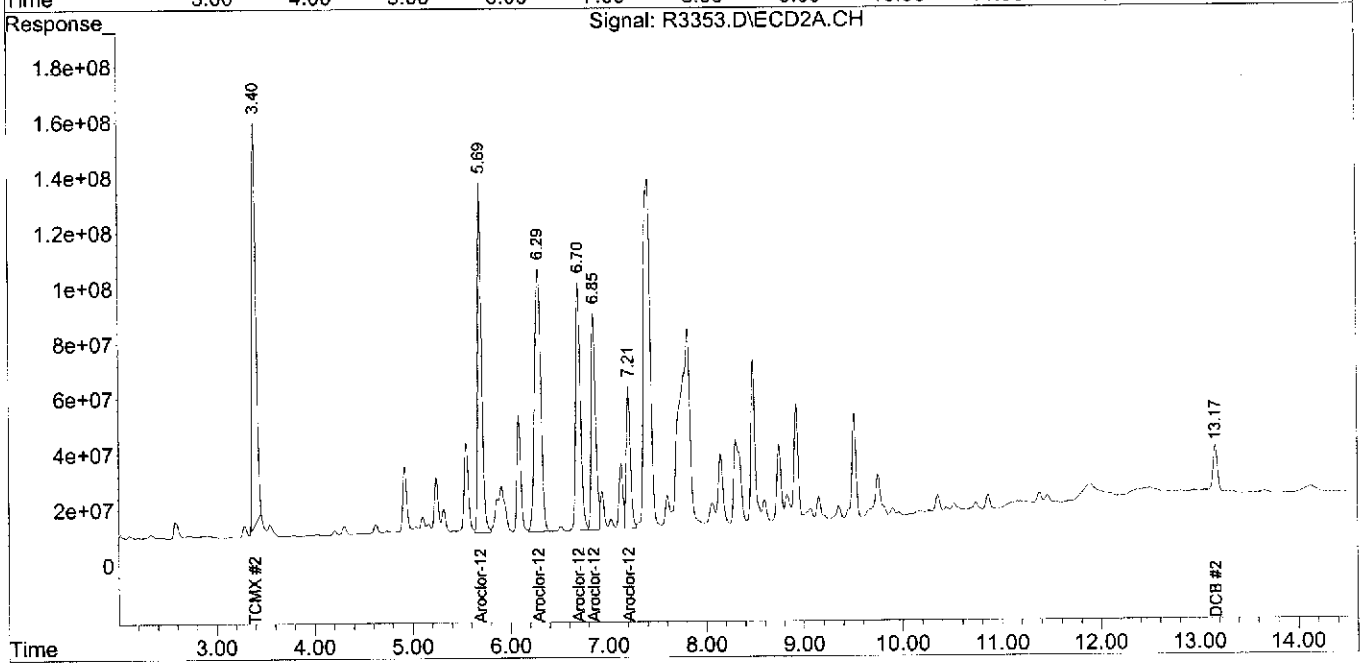
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3353.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 19:05
Operator : YG
Sample : FF-19_(2.0,08194-038,S,5.56g,14.2,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:00:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3354.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 19:22
Operator : YG
Sample : FF-19_(4.0,08194-039,S,5.18g,27.0,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:01:56 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	4709.2E6	4427.7E6	27.408m	30.758m
Spiked Amount 200.000			Recovery	=	13.70%	15.38%
2) S DCB	13.10	13.17	858.0E6	569.2E6	14.699m	14.211m
Spiked Amount 200.000			Recovery	=	7.35%	7.11%
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
23) L6 Aroclor-1248	5.31	5.69	6408.0E6	4624.8E6	841.244	828.133
24) L6 Aroclor-1248 {2}	5.86	6.29	3933.8E6	7783.3E6	916.971	974.691
25) L6 Aroclor-1248 {3}	6.20	6.70	10895.8E6	6041.0E6	1983.569	1012.197 #
26) L6 Aroclor-1248 {4}	6.93	6.85	9318.7E6	4745.1E6	1093.716	929.305
27) L6 Aroclor-1248 {5}	7.21	7.21	6985.5E6	2643.9E6	975.768	915.512
Sum Aroclor-1248			37541.7E6	25838.1E6	5811.268	4659.837
Average Aroclor-1248					1162.254	931.967
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

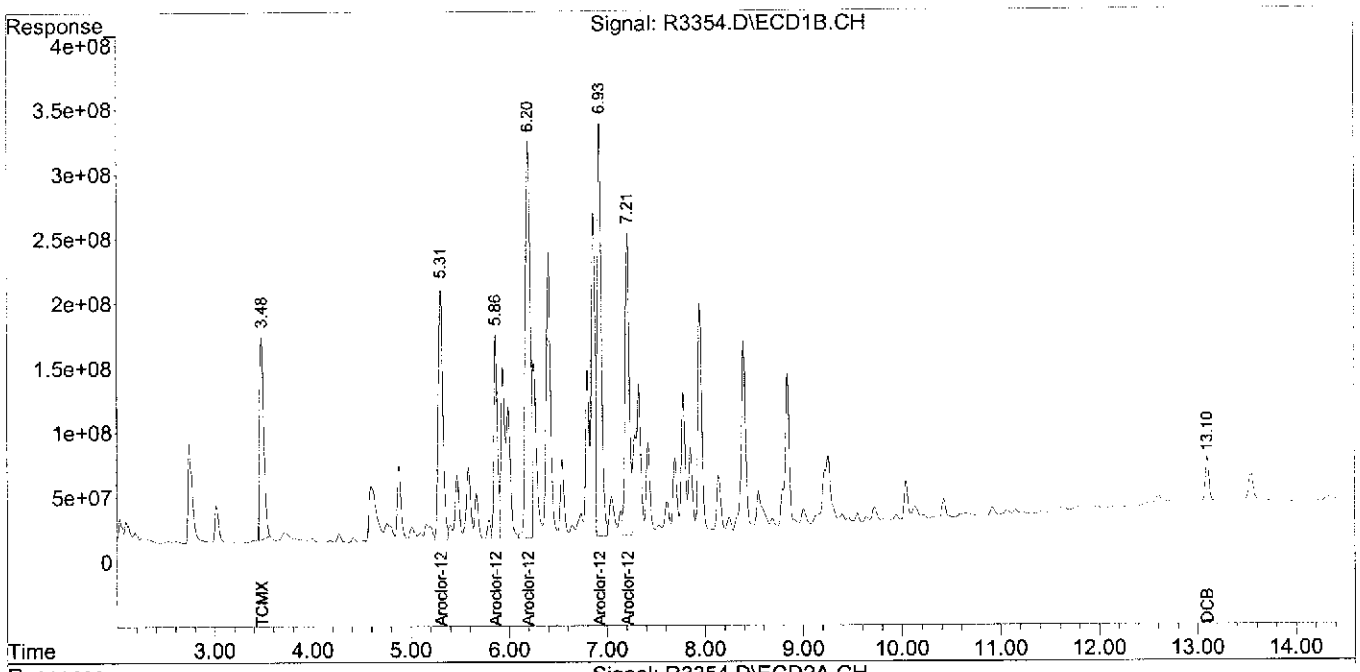
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

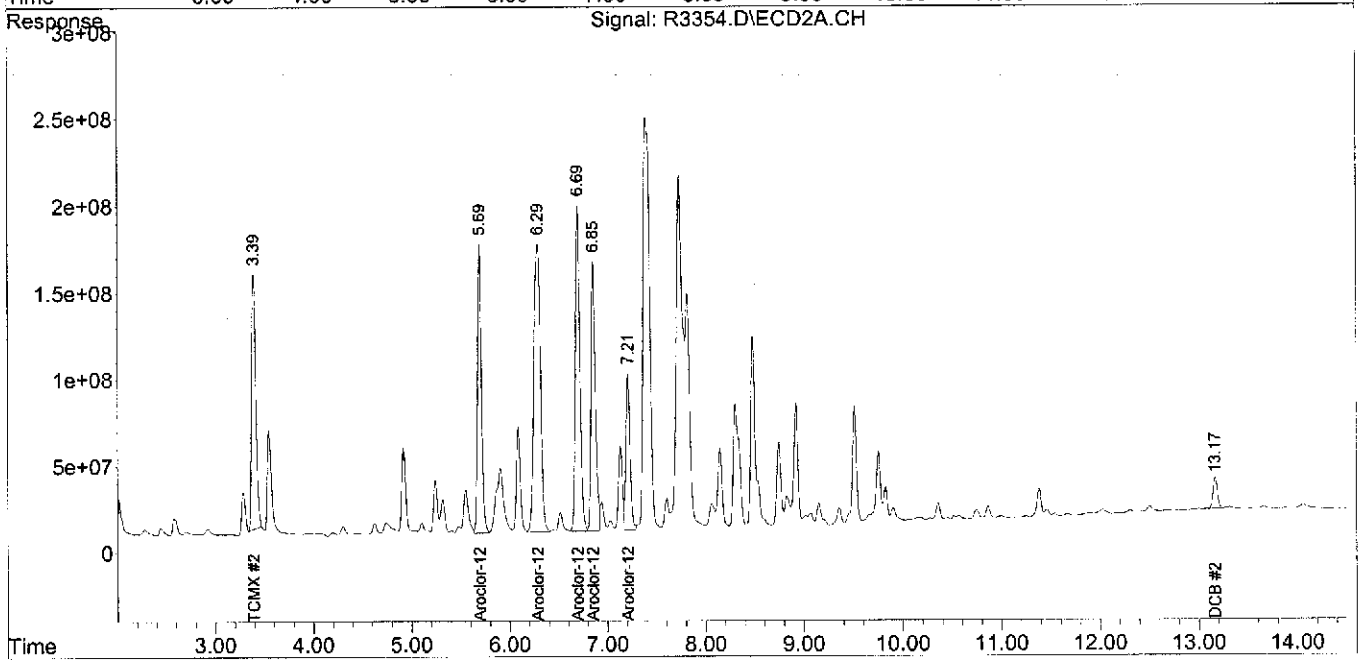
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3354.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 21 Aug 2012 19:22
Operator : YG
Sample : FF-19_(4.0,08194-039,S,5.18g,27.0,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:01:56 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\08-20-12\
Data File : R3319.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 23:29
Operator : YG
Sample : FF-19_(5.0,08194-040,S,5.35g,76.7,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 15:04:00 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	3.49	3.40	42906.9E6	39251.3E6	249.723	272.673m
Spiked Amount 200.000			Recovery	=	124.86%	136.34%
2) S DCB	13.10	13.16	8747.9E6	5424.2E6	149.858m	135.415m
Spiked Amount 200.000			Recovery	=	74.93%	67.71%
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

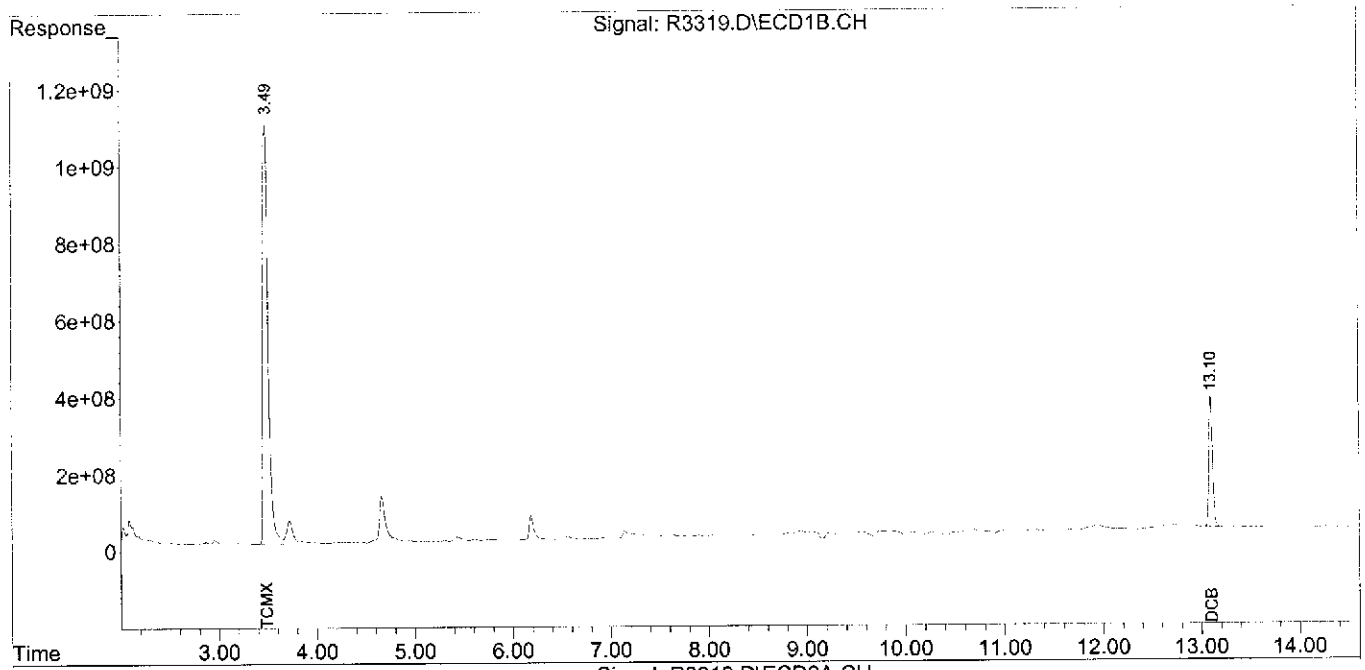
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

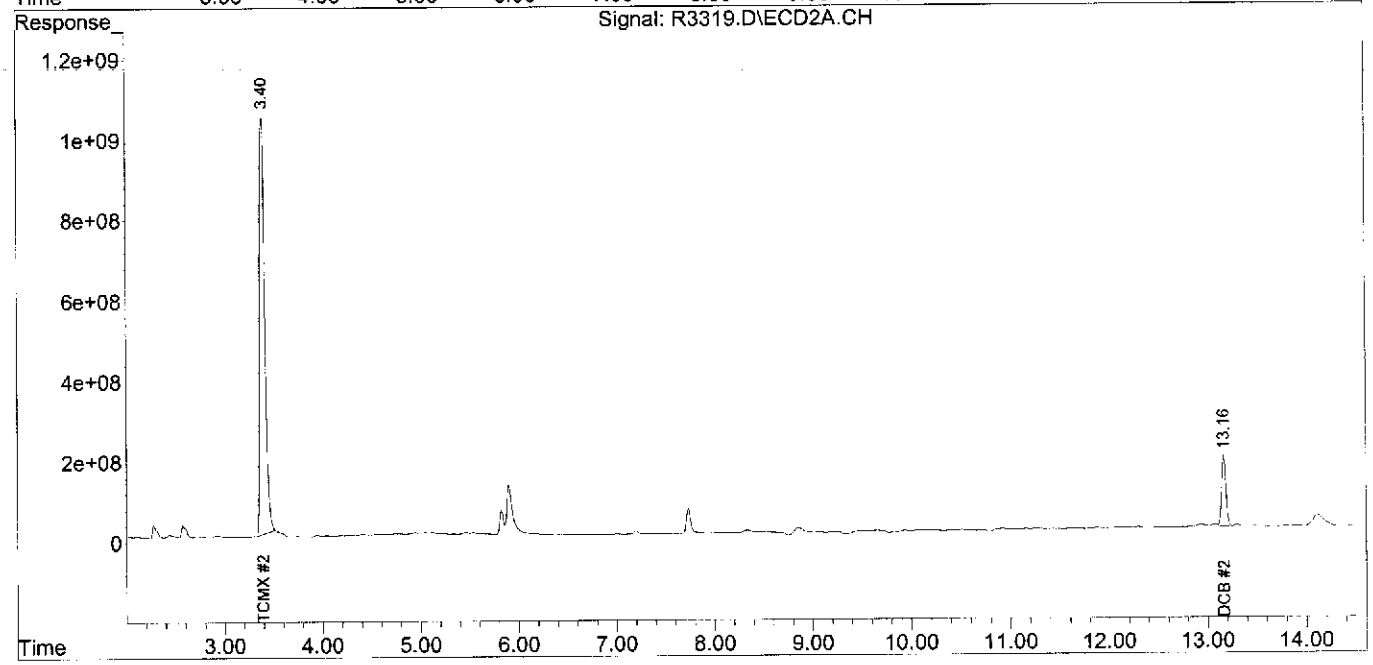
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-20-12\
Data File : R3319.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 23:29
Operator : YG
Sample : FF-19_(5.0,08194-040,S,5.35g,76.7,08/17/12,4
Misc : 120817-09,08/13/12,08/13/12,1
ALS Vial : 78 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 15:04:00 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\08-23-12\
Data File : R3436.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 20:12
Operator : YG
Sample : FF-19_(6.0,08194-041,S,5.37g,18.4,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 12:13:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.47	3.38	39272.9E6	34088.2E6	228.573	236.806
Spiked Amount 200.000			Recovery	=	114.29%	118.40%
2) S DCB	13.09	13.16	12872.3E6	7401.6E6	220.514m	184.781m
Spiked Amount 200.000			Recovery	=	110.26%	92.39%
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	5.69	146.8E6	114.8E6	19.267	20.558
24) L6 Aroclor-1248 {2}	5.86	6.28	85396025	335.8E6	19.906	42.055m#
25) L6 Aroclor-1248 {3}	6.20	6.69	96696328	164.4E6	17.604	27.539m#
26) L6 Aroclor-1248 {4}	6.92	6.84	219.4E6	141.6E6	25.745	27.741m
27) L6 Aroclor-1248 {5}	7.20	7.20	220.4E6	59386035	30.780	20.564 #
Sum Aroclor-1248			768.6E6	816.0E6	113.303	138.457
Average Aroclor-1248					22.661	27.691
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

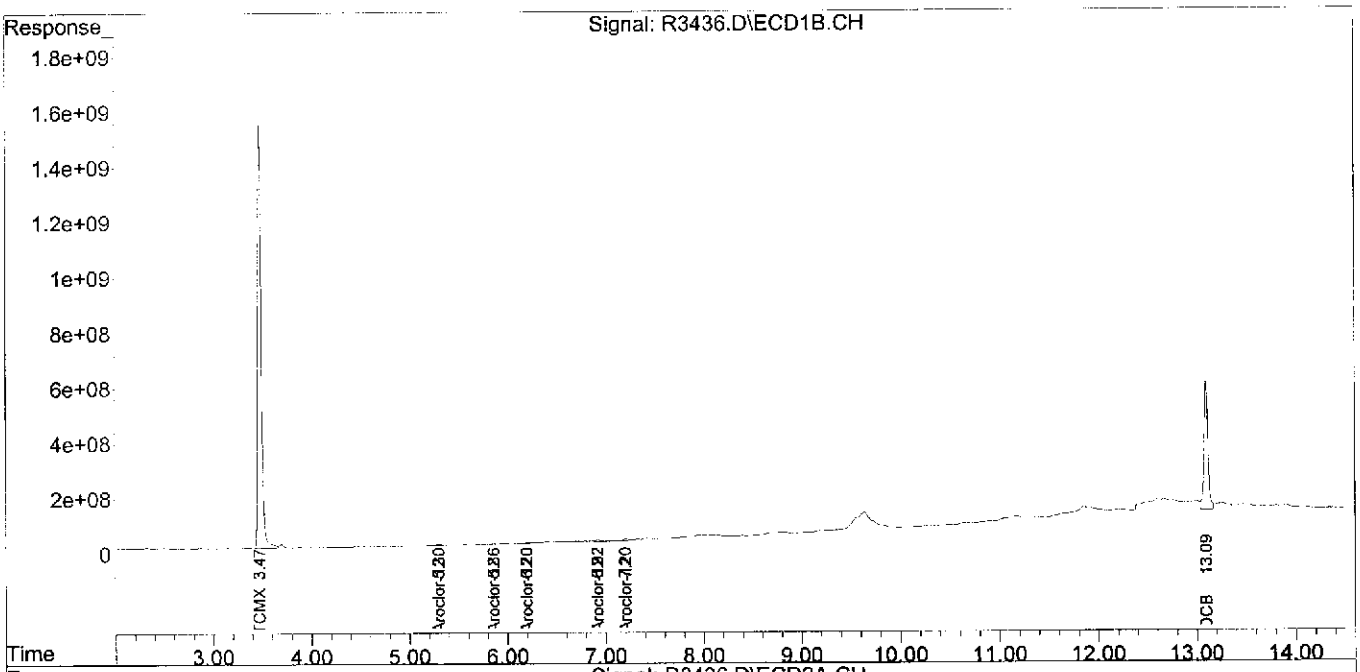
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

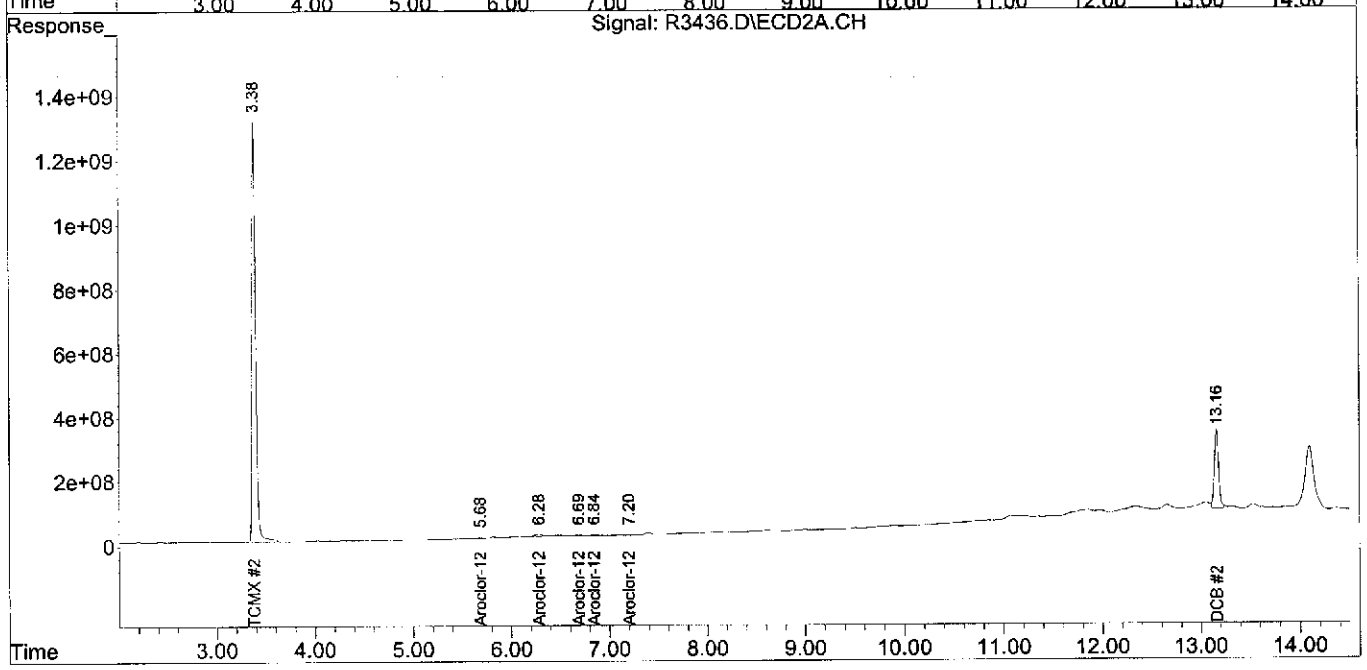
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : R3436.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 20:12
Operator : YG
Sample : FF-19_(6.0,08194-041,S,5.37g,18.4,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 12:13:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3407.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 12:14
Operator : YG
Sample : FF-20_(0-2,08194-042,S,5.70g,12.0,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,10
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:52:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	5495.4E6	4318.4E6	31.984	30.000
Spiked Amount 200.000			Recovery	=	15.99%	15.00%
2) S DCB	13.10	13.16	1415.5E6	1338.4E6	24.248m	33.414m#
Spiked Amount 200.000			Recovery	=	12.12%	16.71%
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	2636.9E6	2036.4E6	346.175	364.650
24) L6 Aroclor-1248 {2}	5.87	6.29	1364.0E6	3091.5E6	317.950	387.146
25) L6 Aroclor-1248 {3}	6.21	6.70	1893.7E6	2372.4E6	344.746	397.509
26) L6 Aroclor-1248 {4}	6.93	6.85	2767.0E6	1595.2E6	324.756	312.413
27) L6 Aroclor-1248 {5}	7.21	7.21	1853.4E6	695.6E6	258.891	240.874
Sum Aroclor-1248			10515.0E6	9791.2E6	1592.517	1702.591
Average Aroclor-1248					318.503	340.518
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

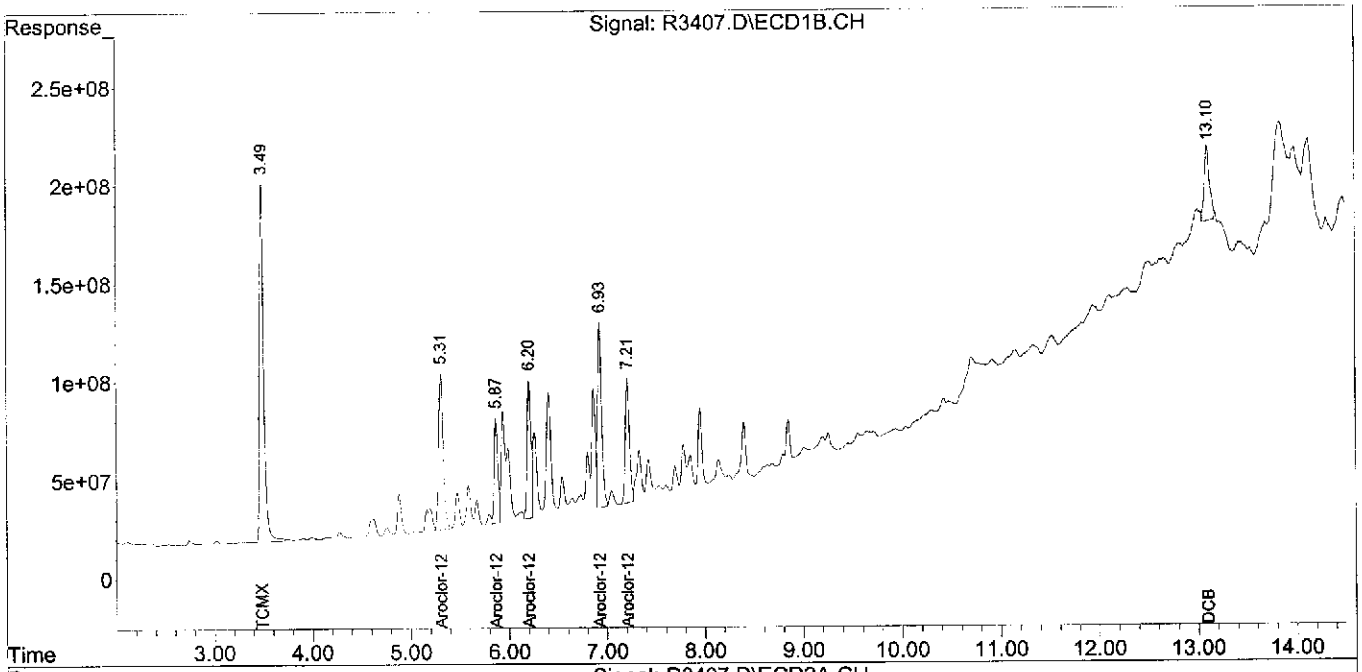
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

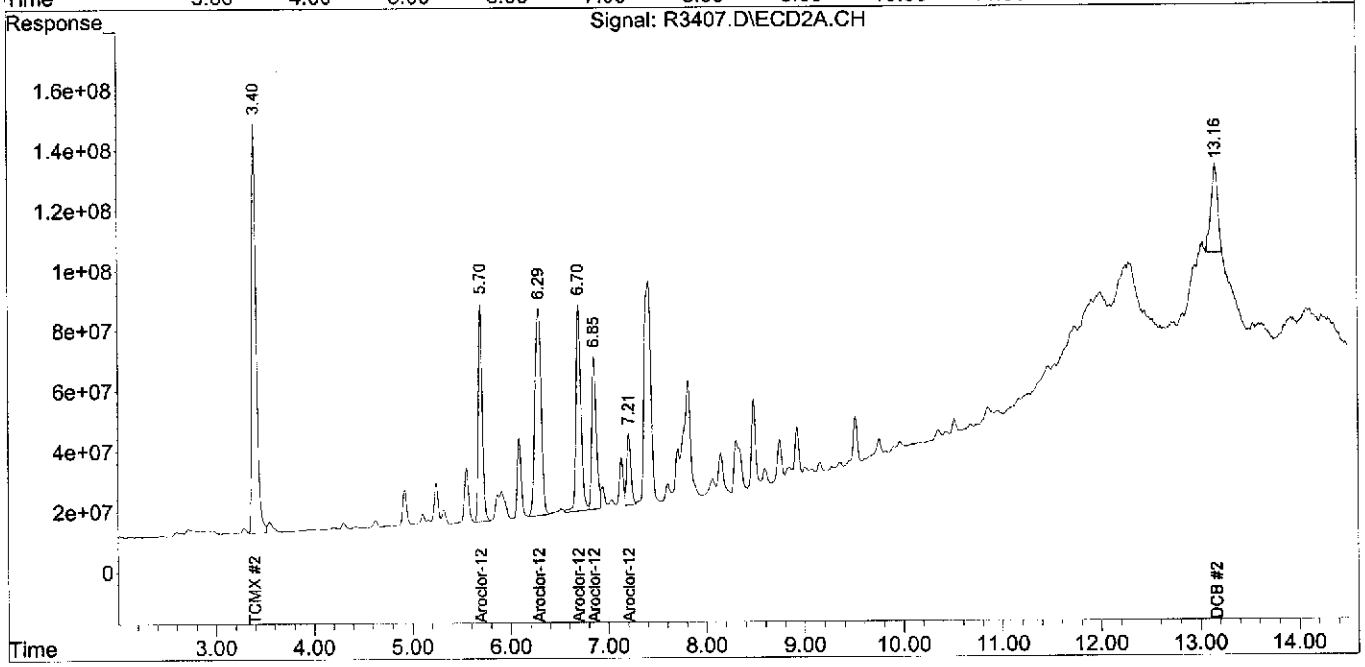
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3407.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 12:14
Operator : YG
Sample : FF-20_(0-2,08194-042,S,5.70g,12.0,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,10
ALS Vial : 53 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:52:45 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\08-21-12\
Data File : R3408.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 12:32
Operator : YG
Sample : FF-20_(2.0,08194-043,S,5.35g,12.7,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,10
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:54:02 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	3.49	3.40	5326.9E6	4216.6E6	31.003	29.292
Spiked Amount 200.000			Recovery	=	15.50%	14.65%
2) S DCB	13.10	13.16	1526.3E6	671.5E6	26.146m	16.764m#
Spiked Amount 200.000			Recovery	=	13.07%	8.38%
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
23) L6 Aroclor-1248	5.31	5.70	9747.5E6	7158.0E6	1279.646	1281.727
24) L6 Aroclor-1248 {2}	5.87	6.29	3394.2E6	7800.7E6	791.195	976.872
25) L6 Aroclor-1248 {3}	6.21	6.70	4725.4E6	5706.1E6	860.249	956.085
26) L6 Aroclor-1248 {4}	6.93	6.86	6950.6E6	4383.6E6	815.782	858.501
27) L6 Aroclor-1248 {5}	7.21	7.21	6146.0E6	2045.9E6	858.504	708.461
Sum Aroclor-1248			30963.6E6	27094.4E6	4605.375	4781.646
Average Aroclor-1248					921.075	956.329
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.26	8.75	1601.8E6	1272.8E6	114.251	201.535 #
34) L8 Aroclor-1260 {2}	9.95	9.15	521.4E6	792.5E6	70.321m	108.588 #
35) L8 Aroclor-1260 {3}	10.42	10.35	1700.6E6	611.8E6	68.002m	121.388m#
36) L8 Aroclor-1260 {4}	10.92	10.86	651.6E6	962.8E6	62.696m	95.999m#
37) L8 Aroclor-1260 {5}	11.98	11.46	723.4E6	626.8E6	155.827m	77.163m#
Sum Aroclor-1260			5198.8E6	4266.7E6	471.096	604.673
Average Aroclor-1260					94.219	120.935
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\08-21-12\
Data File : R3408.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 12:32
Operator : YG
Sample : FF-20_(2.0,08194-043,S,5.35g,12.7,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,10
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:54:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

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

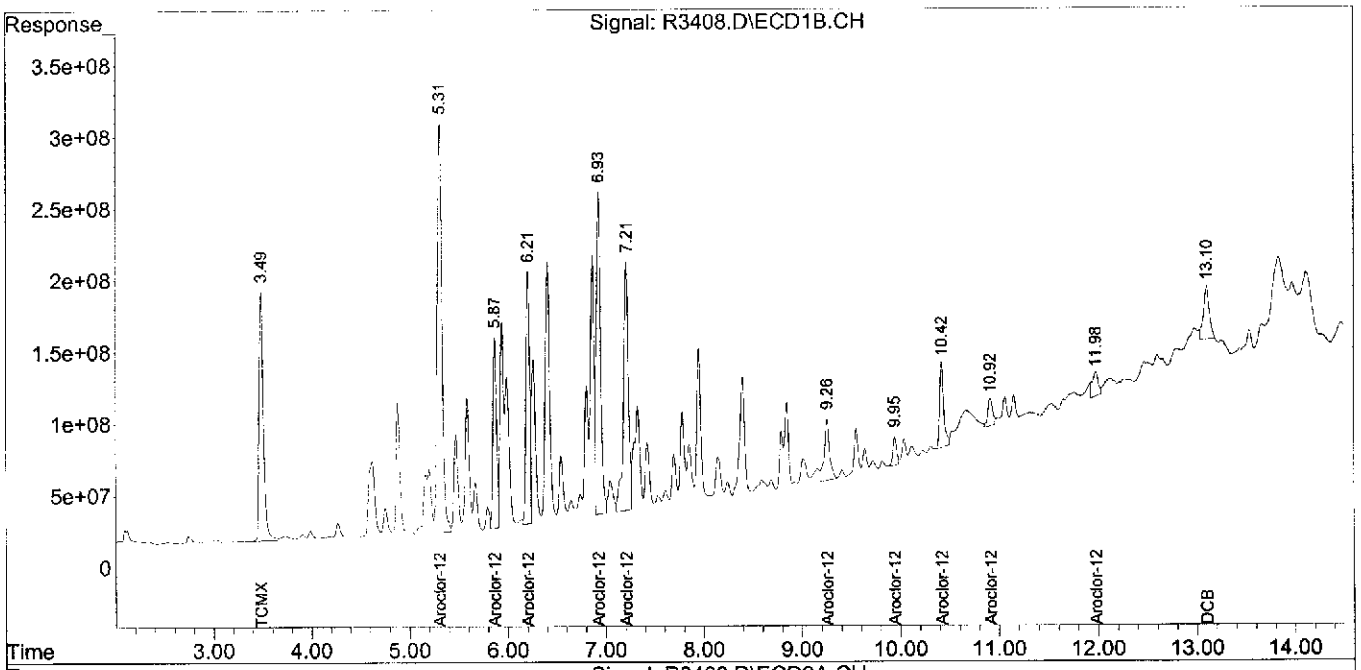
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

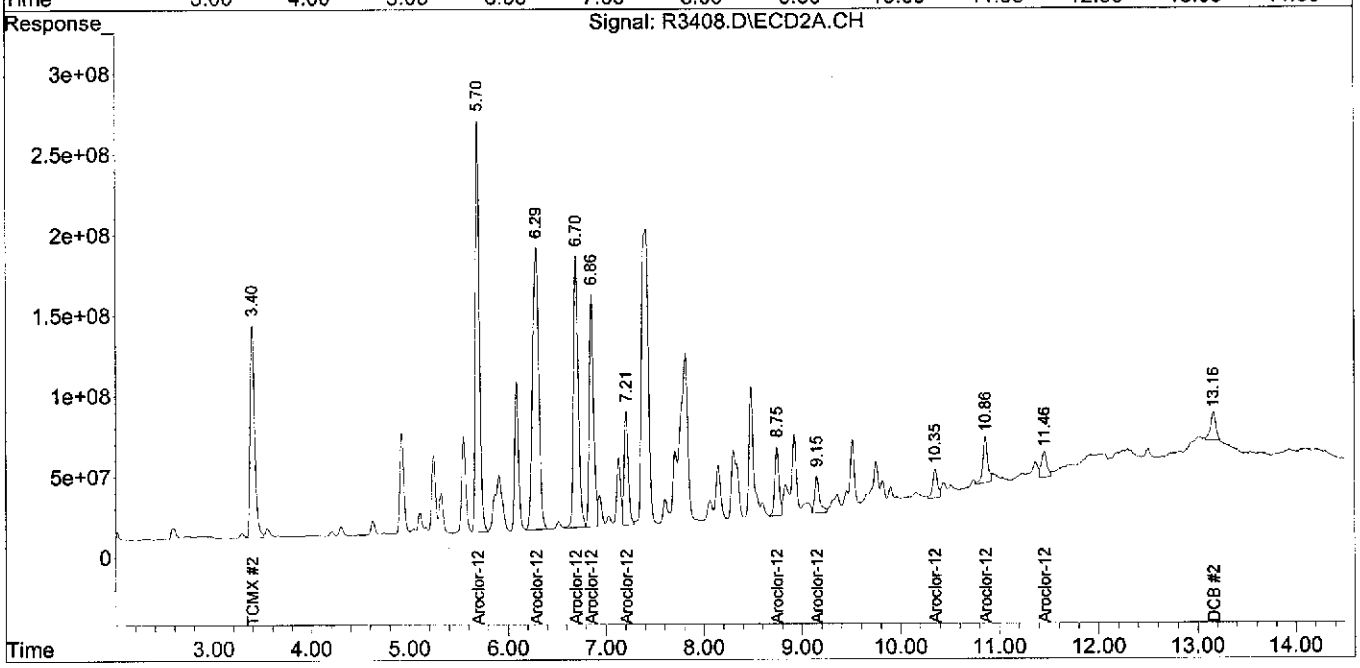
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3408.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 12:32
Operator : YG
Sample : FF-20_(2.0,08194-043,S,5.35g,12.7,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,10
ALS Vial : 54 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:54:02 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\08-23-12\
Data File : R3437.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 20:29
Operator : YG
Sample : FF-20_(4.0,08194-044,S,5.03g,22.3,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,2
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 12:14:44 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	3.38	19838.0E6	18429.2E6	115.460	128.025
Spiked Amount 200.000			Recovery	=	57.73%	64.01%
2) S DCB	13.10	13.16	7502.5E6	4532.7E6	128.524m	113.159m
Spiked Amount 200.000			Recovery	=	64.26%	56.58%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.69	14365.9E6	10835.1E6	1885.950	1940.160
24) L6 Aroclor-1248 {2}	5.86	6.28	7021.0E6	15654.6E6	1636.600	1960.418
25) L6 Aroclor-1248 {3}	6.20	6.69	9667.7E6	11785.3E6	1760.001	1974.665
26) L6 Aroclor-1248 {4}	6.92	6.85	12213.3E6	8365.5E6	1433.459	1638.343
27) L6 Aroclor-1248 {5}	7.20	7.20	8600.8E6	4686.5E6	1201.404	1622.841 #
Sum Aroclor-1248			51868.7E6	51327.1E6	7917.414	9136.426
Average Aroclor-1248					1583.483	1827.285
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

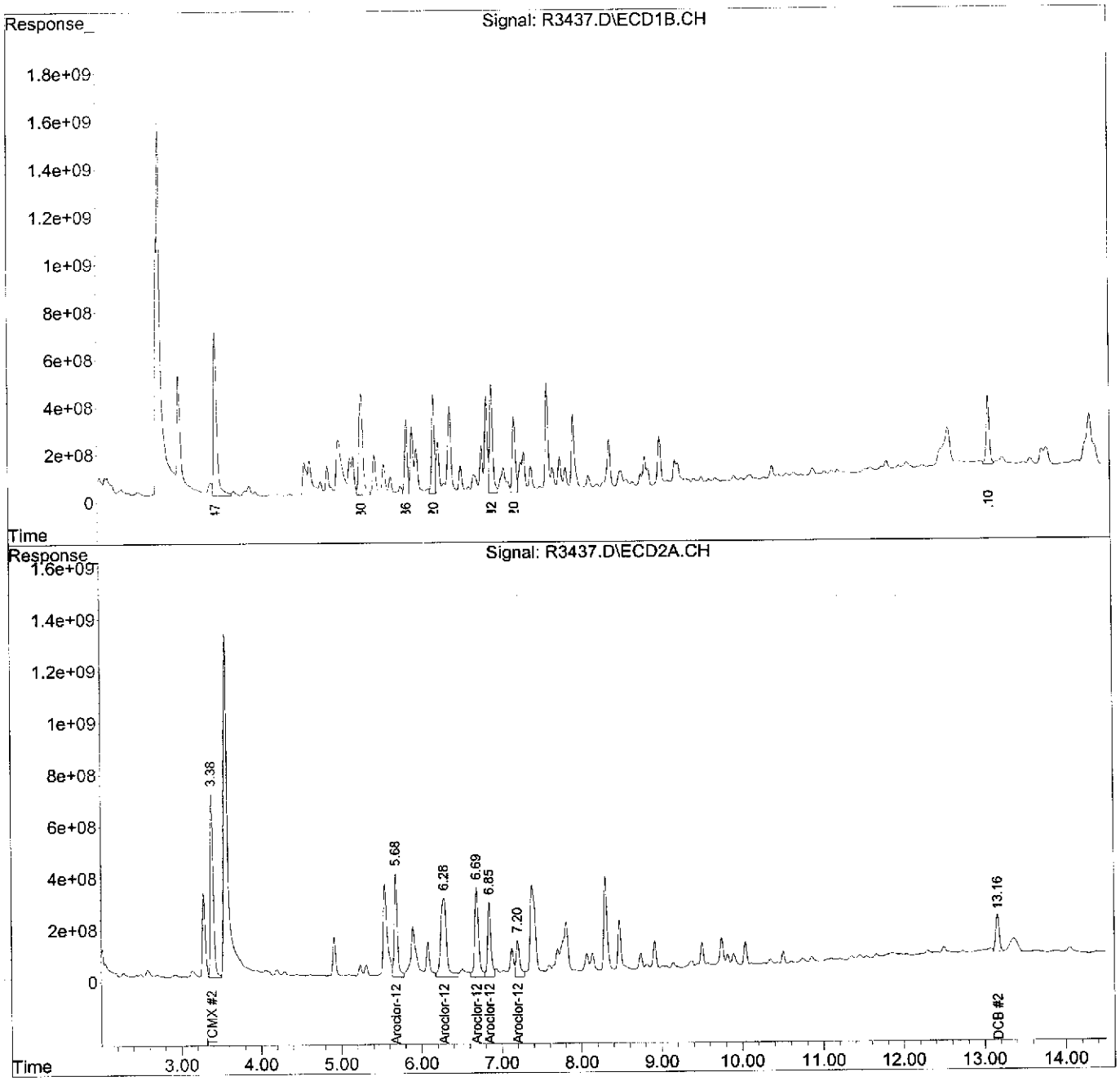
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : R3437.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 20:29
Operator : YG
Sample : FF-20_(4.0,08194-044,S,5.03g,22.3,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,2
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 12:14:44 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\08-21-12\
Data File : R3410.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:07
Operator : YG
Sample : FF-20_(5.0,08194-045,S,5.53g,76.4,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:54:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	49322.8E6	42199.4E6	287.065	293.153
Spiked Amount 200.000			Recovery	=	143.53%	146.58%
2) S DCB	13.10	13.17	8737.7E6	4871.2E6	149.685m	121.611m
Spiked Amount 200.000			Recovery	=	74.84%	60.81%
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

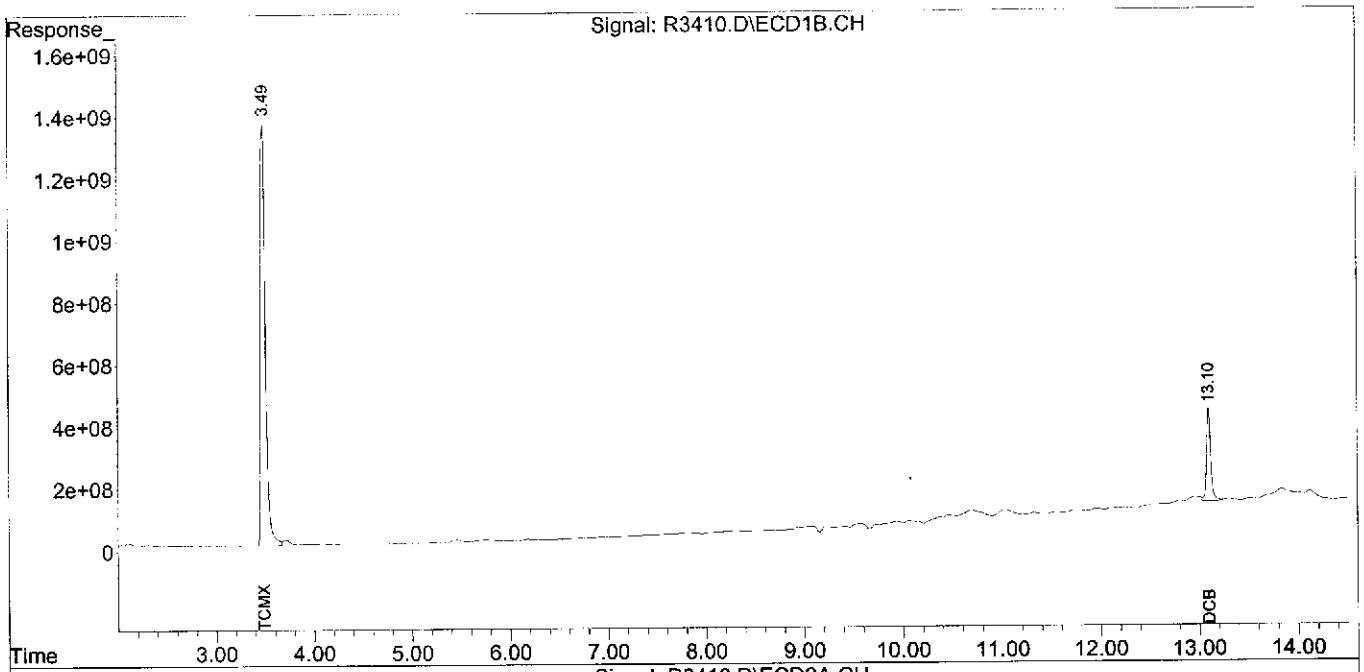
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

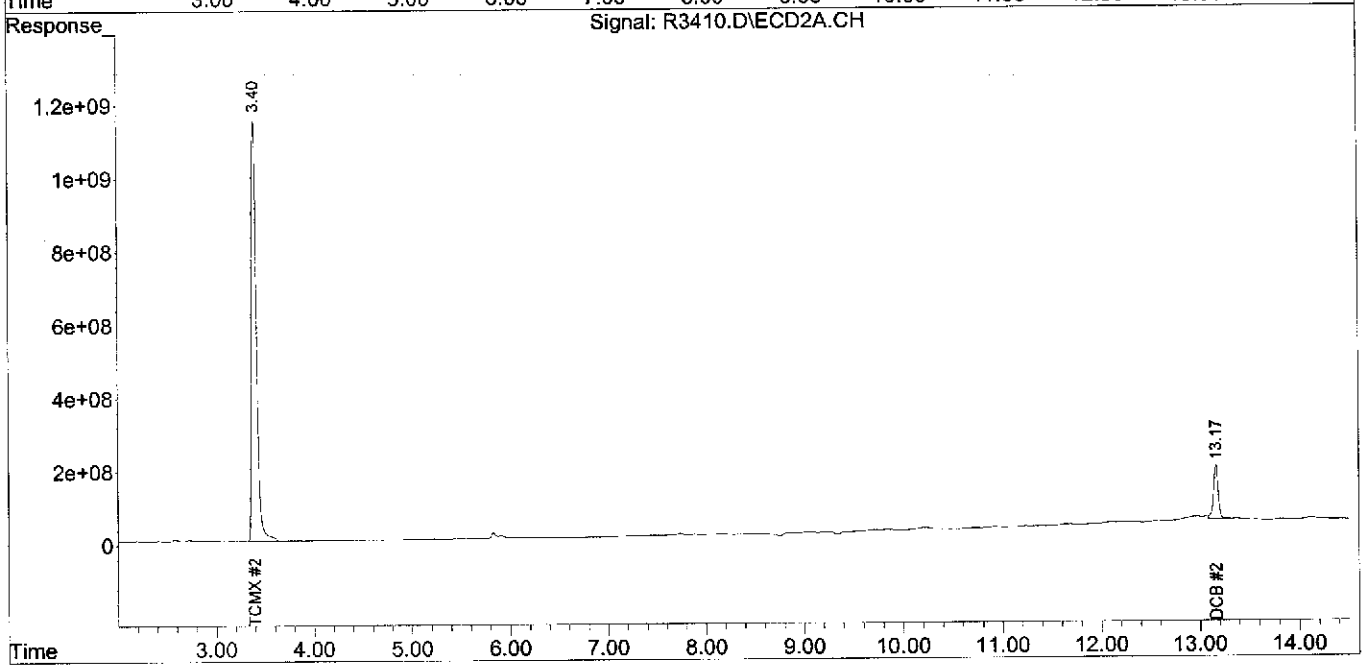
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3410.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:07
Operator : YG
Sample : FF-20_(5.0,08194-045,S,5.53g,76.4,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 56 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:54:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3411.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:24
Operator : YG
Sample : FF-20_(6.0,08194-046,S,5.61g,18.0,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:54:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.39	43440.3E6	35635.1E6	252.828	247.552
Spiked Amount 200.000			Recovery	=	126.41%	123.78%
2) S DCB	13.10	13.17	7355.6E6	3920.9E6	126.008m	97.886m
Spiked Amount 200.000			Recovery	=	63.00%	48.94%
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

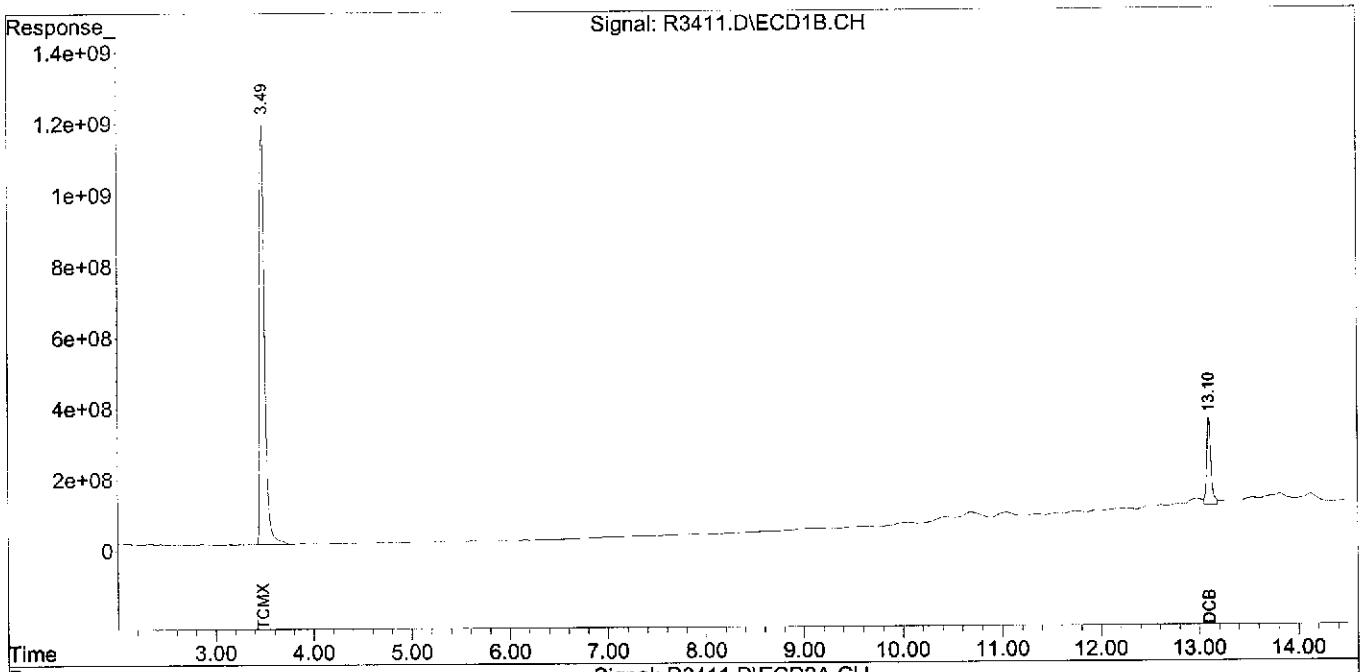
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

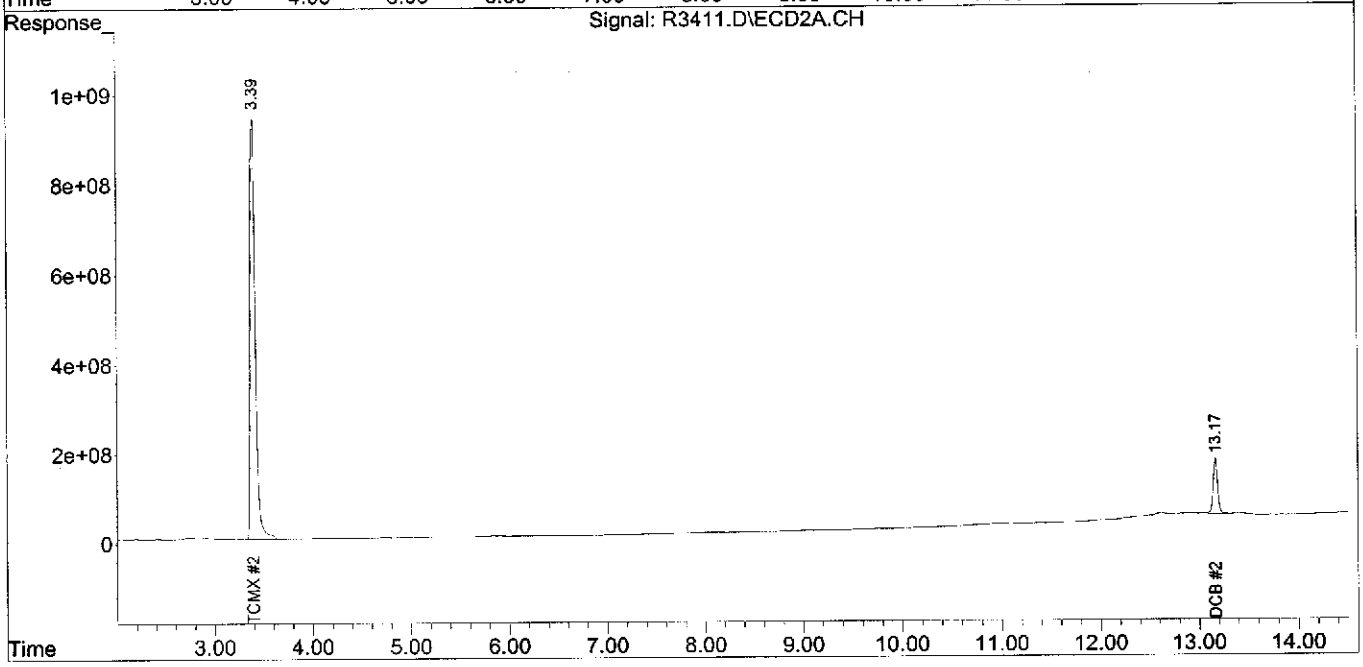
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3411.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:24
Operator : YG
Sample : FF-20_(6.0,08194-046,S,5.61g,18.0,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 57 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:54:56 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\08-21-12\
Data File : R3412.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:42
Operator : YG
Sample : GG-20_(0-2,08194-047,S,5.15g,8.70,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:55:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	38905.3E6	31742.9E6	226.434	220.513
Spiked Amount 200.000			Recovery	=	113.22%	110.26%
2) S DCB	13.10	13.16	6045.2E6	3388.8E6	103.559m	84.601m
Spiked Amount 200.000			Recovery	=	51.78%	42.30%
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	4210.6E6	3270.2E6	552.762	585.564
24) L6 Aroclor-1248 {2}	5.87	6.29	5115.3E6	10259.8E6	1192.392	1284.824
25) L6 Aroclor-1248 {3}	6.21	6.70	6837.5E6	7915.0E6	1244.767	1326.182
26) L6 Aroclor-1248 {4}	6.93	6.86	10336.5E6	5157.9E6	1213.175	1010.144
27) L6 Aroclor-1248 {5}	7.21	7.21	5714.4E6	2428.0E6	798.218	840.760
Sum Aroclor-1248			32214.3E6	29030.8E6	5001.313	5047.473
Average Aroclor-1248					1000.263	1009.495
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

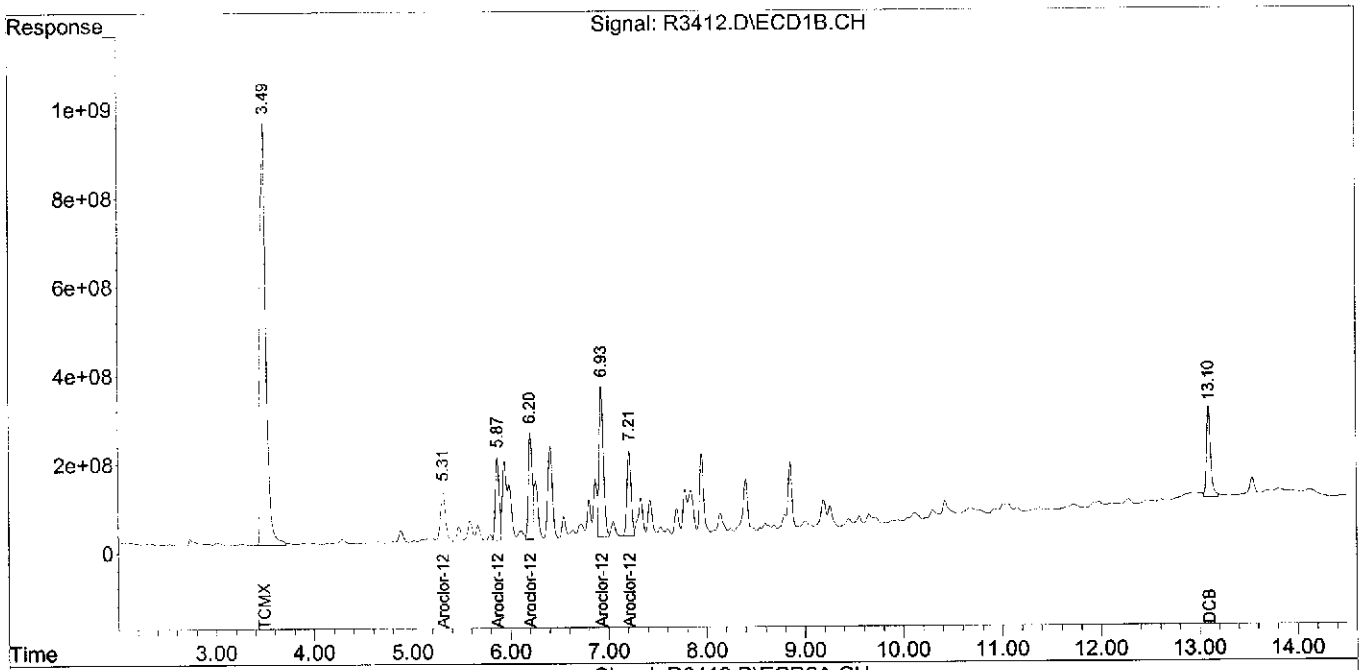
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

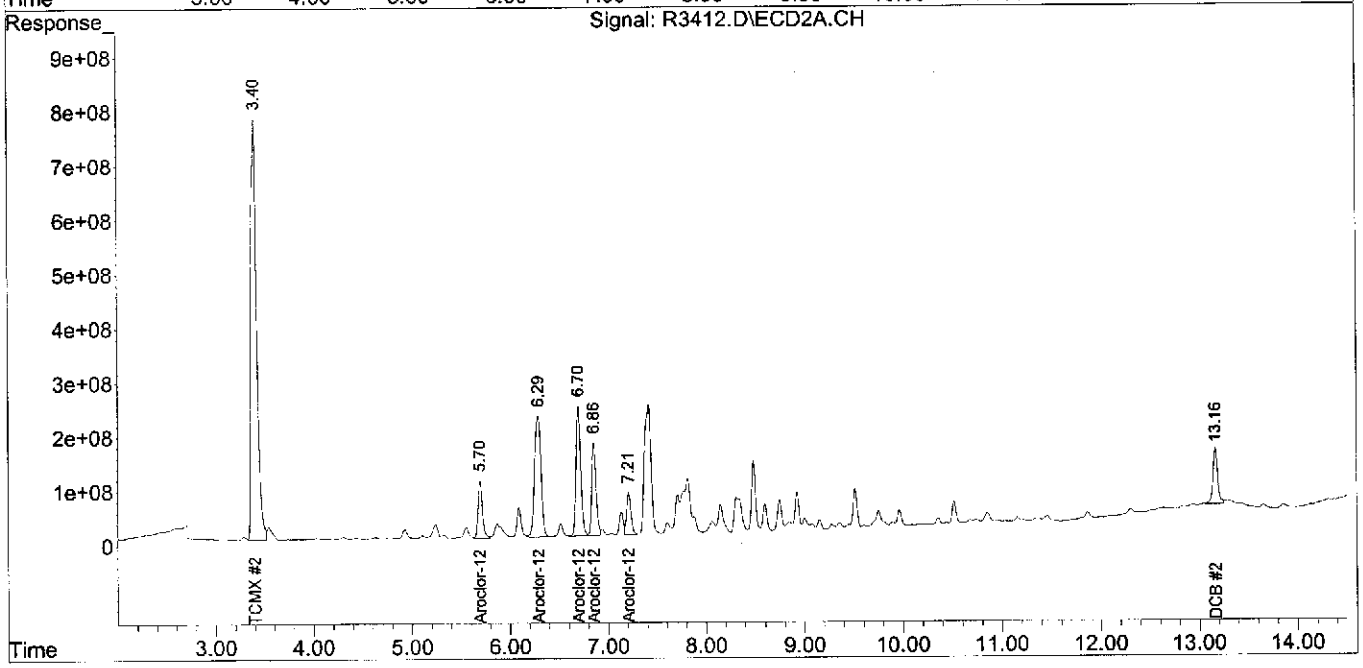
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3412.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:42
Operator : YG
Sample : GG-20_(0-2,08194-047,S,5.15g,8.70,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:55:22 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\08-21-12\
Data File : R3413.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:59
Operator : YG
Sample : GG-20_(2.0,08194-048,S,5.15g,13.4,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,10
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 12:24:35 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	3.49	3.40	5389.0E6	4393.4E6	31.365m	30.520
Spiked Amount 200.000			Recovery	=	15.68%	15.26%
2) S DCB	13.10	13.17	971.0E6	485.0E6	16.633m	12.108m#
Spiked Amount 200.000			Recovery	=	8.32%	6.05%
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
18) L5 Aroclor-1242	4.88	5.24	2170.4E6	1744.1E6	602.084	1005.304 #
19) L5 Aroclor-1242 {2}	5.87	6.09	1723.5E6	734.2E6	747.968	249.932 #
20) L5 Aroclor-1242 {3}	6.20	6.70	1097.4E6	1606.5E6	337.527	409.135
21) L5 Aroclor-1242 {4}	6.93	6.85	1483.6E6	1164.0E6	317.262	352.468
22) L5 Aroclor-1242 {5}	7.21	7.41	1050.3E6	1710.6E6	237.264	555.196 #
Sum Aroclor-1242			7525.3E6	6959.3E6	2242.105	2572.035
Average Aroclor-1242					448.421	514.407
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

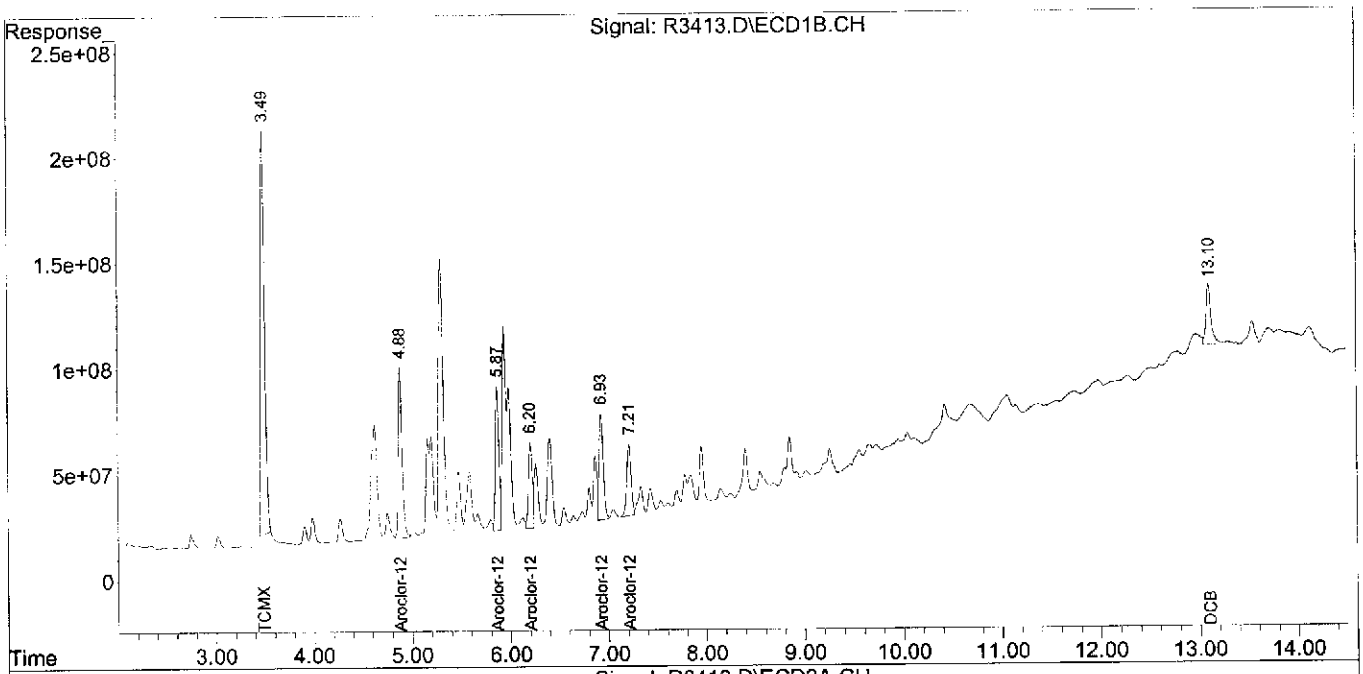
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

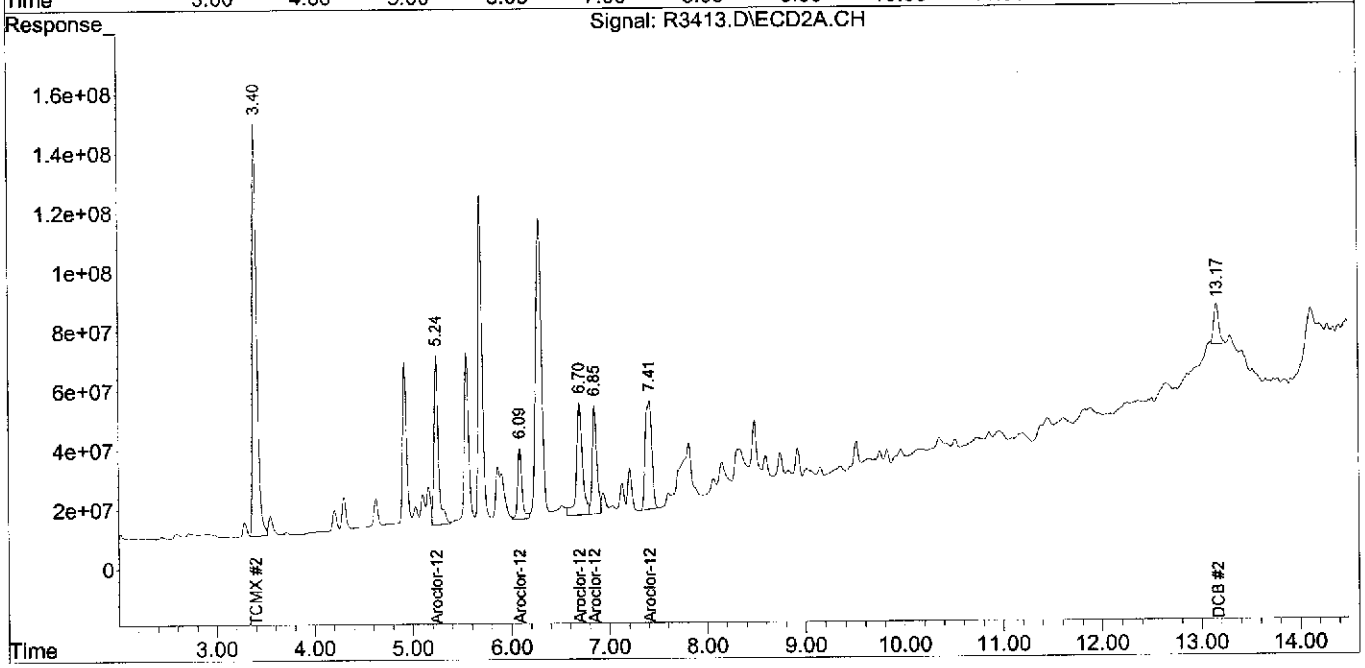
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3413.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 13:59
Operator : YG
Sample : GG-20_(2.0,08194-048,S,5.15g,13.4,08/21/12,4
Misc : 120821-05,08/13/12,08/13/12,10
ALS Vial : 59 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 12:24:35 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\08-23-12\
Data File : Y1079.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 18:42
Operator : YG
Sample : GG-20_(4.0,08194-049,S,5.38g,24.9,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,50
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 08:35:13 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	520.1E6	159.3E6	5.471	4.558
Spiked Amount 200.000			Recovery =		2.74%	2.28%
2) S DCB	12.11	12.49	117.1E6	35366126	5.680m	4.115m#
Spiked Amount 200.000			Recovery =		2.84%	2.06%
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
18) L5 Aroclor-1242	4.11	4.76	1382.0E6	124.3E6	623.945	241.543 #
19) L5 Aroclor-1242 {2}	5.05	5.51	1262.1E6	384.0E6	907.529	425.095 #
20) L5 Aroclor-1242 {3}	0.00	6.12	0	572.7E6	N.D. d	489.285 #
21) L5 Aroclor-1242 {4}	6.07	6.26	989.1E6	449.8E6	301.759	460.327 #
22) L5 Aroclor-1242 {5}	6.34	6.80	734.6E6	469.1E6	261.011	241.520
Sum Aroclor-1242			4367.9E6	1999.9E6	2094.243	1857.770
Average Aroclor-1242					523.561	371.554
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

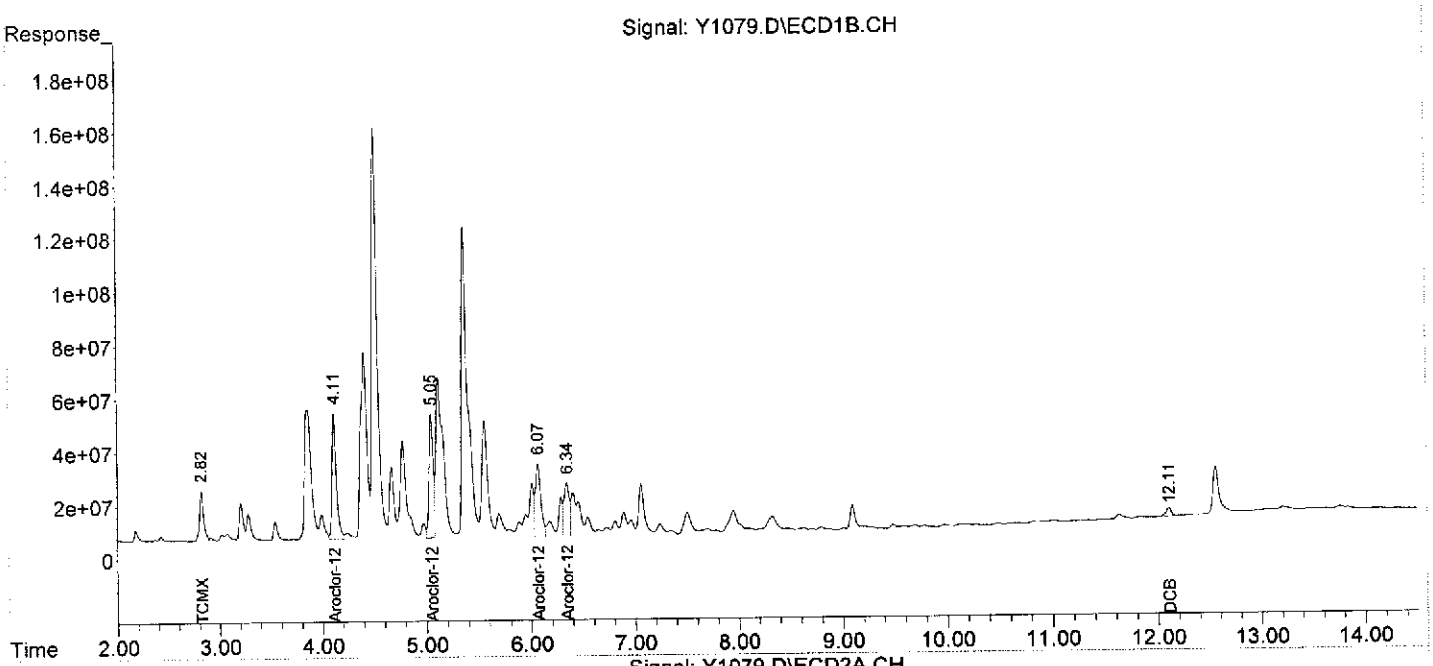
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

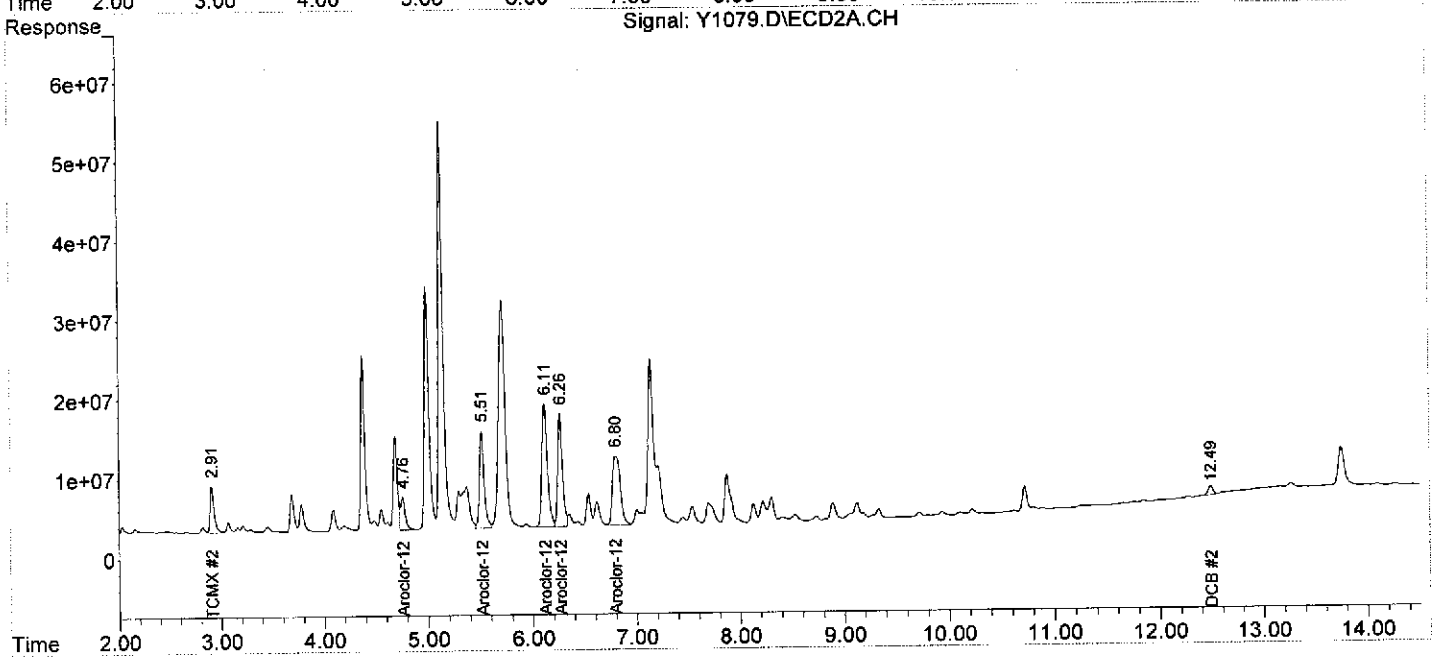
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : Y1079.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 18:42
Operator : YG
Sample : GG-20_(4.0,08194-049,S,5.38g,24.9,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,50
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 08:35:13 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\08-22-12\
Data File : Y1016.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 20:38
Operator : YG
Sample : GG-20_(6.0,08194-050,S,5.38g,46.8,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:19:57 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	25101.2E6	7883.5E6	264.026	225.550
Spiked Amount 200.000			Recovery	=	132.01%	112.78%
2) S DCB	12.10	12.49	5192.4E6	2028.5E6	251.957m	236.053m
Spiked Amount 200.000			Recovery	=	125.98%	118.03%
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
18) L5 Aroclor-1242	4.11	4.76	1810.8E6	153.4E6	817.544	298.122 #
19) L5 Aroclor-1242 {2}	5.05	5.51	1557.7E6	411.9E6	1120.077	455.963 #
20) L5 Aroclor-1242 {3}	0.00	6.11	0	722.6E6	N.D. d	617.339 #
21) L5 Aroclor-1242 {4}	6.07	6.26	1262.8E6	526.1E6	385.252	538.425 #
22) L5 Aroclor-1242 {5}	6.29	6.80	2526.6E6	638.6E6	897.692	328.793 #
Sum Aroclor-1242			7157.9E6	2452.6E6	3220.564	2238.643
Average Aroclor-1242					805.141	447.729
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

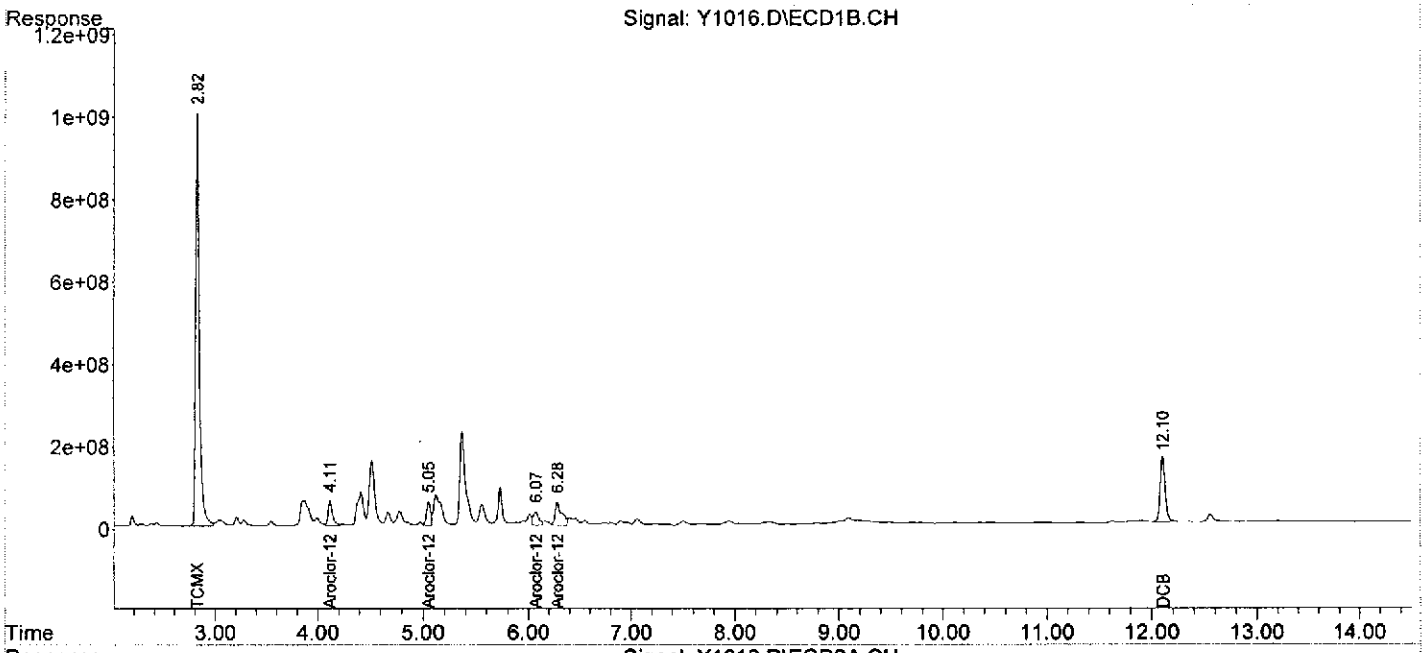
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

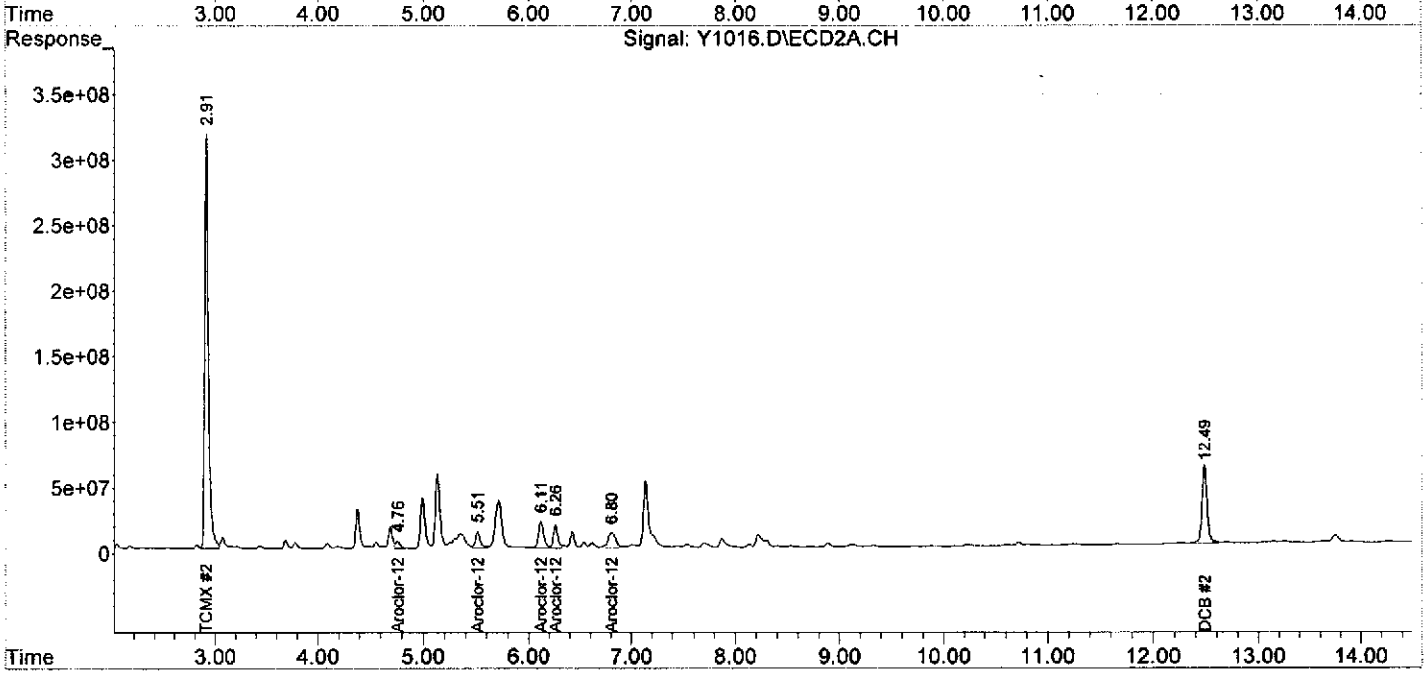
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1016.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 20:38
Operator : YG
Sample : GG-20_(6.0,08194-050,S,5.38g,46.8,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:19:57 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 :





E12-08194 0223

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1017.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 20:55
Operator : YG
Sample : GG-20_(6.7,08194-051,S,5.50g,19.7,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:22:28 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	23401.5E6	7058.5E6	246.148	201.945
Spiked Amount 200.000			Recovery	=	123.07%	100.97%
2) S DCB	12.10	12.49	4766.8E6	1739.8E6	231.306	202.456m
Spiked Amount 200.000			Recovery	=	115.65%	101.23%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	36856994	14747585	8.360m	9.251
24) L6 Aroclor-1248 {2}	5.05	5.71	16063840	18026679	6.628m	7.695
25) L6 Aroclor-1248 {3}	0.00	6.11	0	9552073	N.D. d	5.639 #
26) L6 Aroclor-1248 {4}	6.07	6.26	28873788	6685802	5.181m	4.600
27) L6 Aroclor-1248 {5}	6.30	6.62	17740543	3576184	4.259m	4.259m
Sum Aroclor-1248			99535166	52588324	24.427	31.445
Average Aroclor-1248					6.107	6.289
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

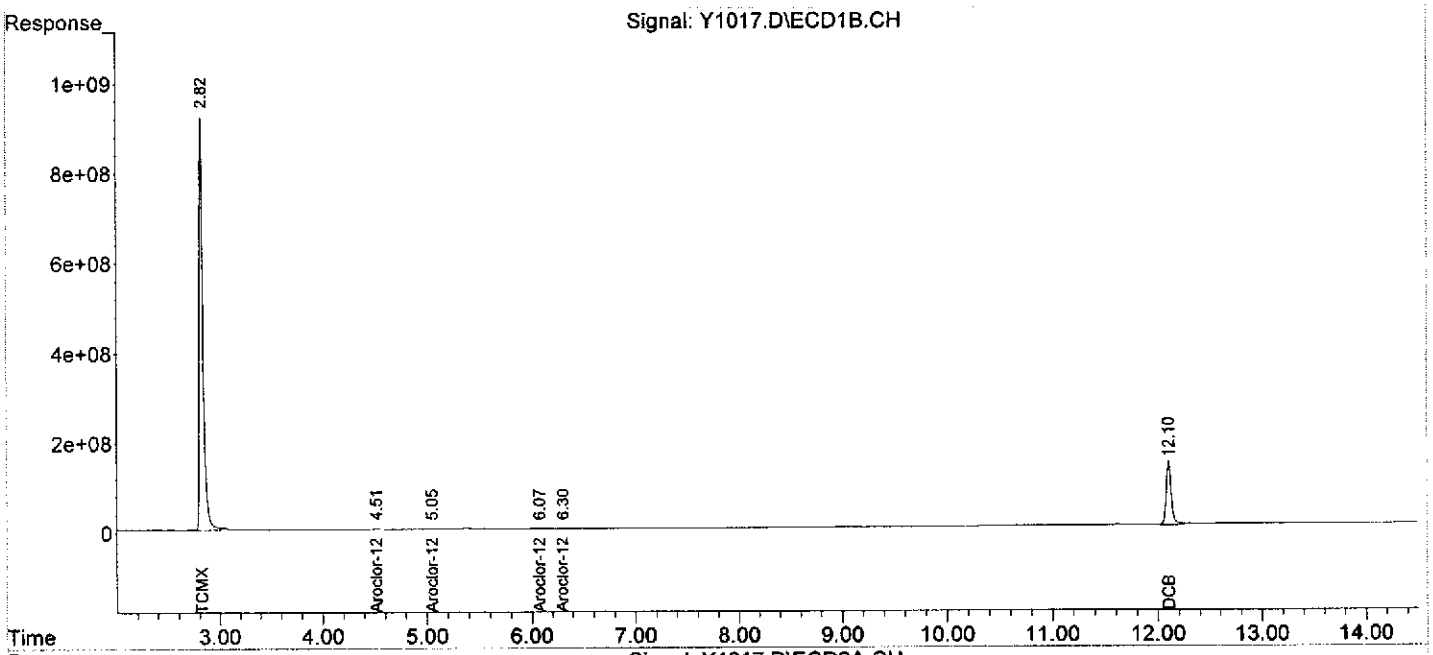
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

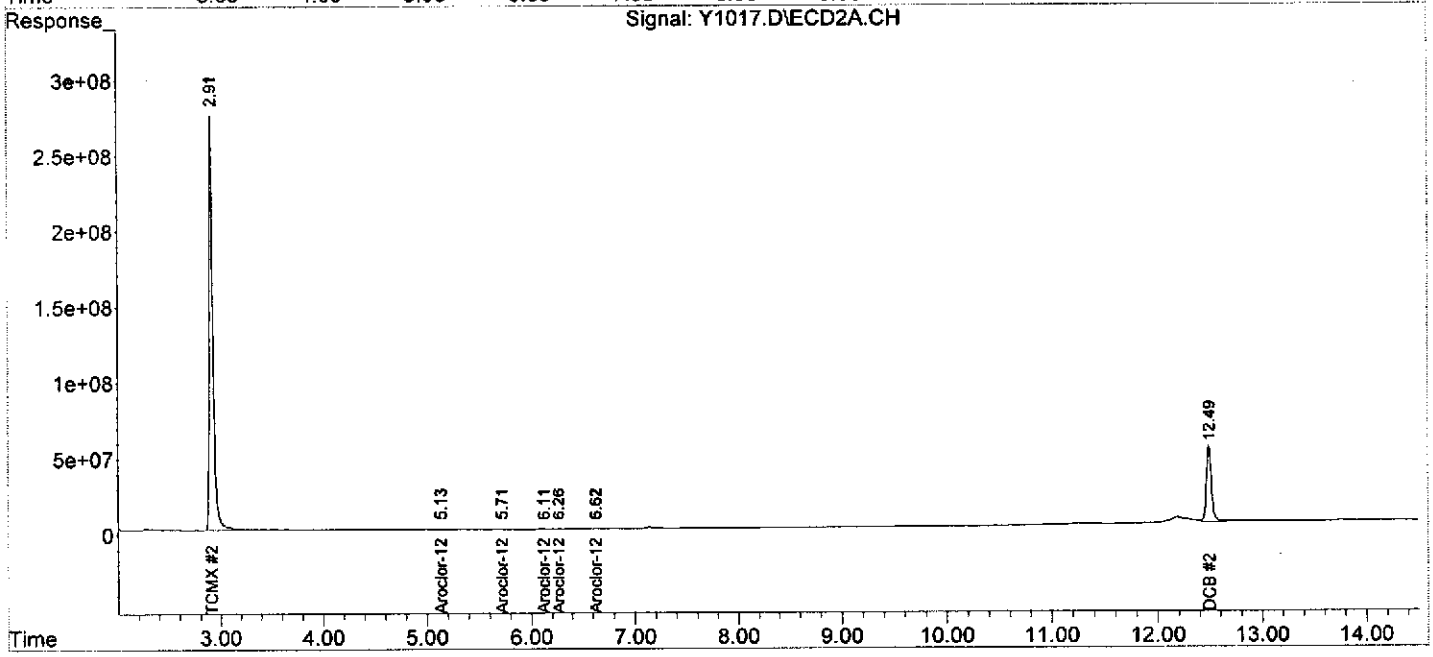
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1017.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 20:55
Operator : YG
Sample : GG-20_(6.7,08194-051,S,5.50g,19.7,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:22:28 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 :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1018.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 21:12
Operator : YG
Sample : P-16_(0-2.,08194-052,S,5.57g,23.1,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:25:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23949.8E6	7018.6E6	251.916	200.805
Spiked Amount 200.000			Recovery	=	125.96%	100.40%
2) S DCB	12.10	12.49	4835.2E6	1776.7E6	234.627	206.751
Spiked Amount 200.000			Recovery	=	117.31%	103.38%
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
23) L6 Aroclor-1248	4.52	5.13	236.8E6	89135556	53.716	55.916
24) L6 Aroclor-1248 {2}	5.05	5.71	207.0E6	215.9E6	85.405	92.182
25) L6 Aroclor-1248 {3}	5.37	6.11	259.1E6	135.4E6	84.444	79.946
26) L6 Aroclor-1248 {4}	6.07	6.26	1471.7E6	134.4E6	264.063	92.440 #
27) L6 Aroclor-1248 {5}	6.34	6.62	1093.7E6	150.1E6	262.556	178.813 #
Sum Aroclor-1248			3268.3E6	725.0E6	750.184	499.298
Average Aroclor-1248					150.037	99.860
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

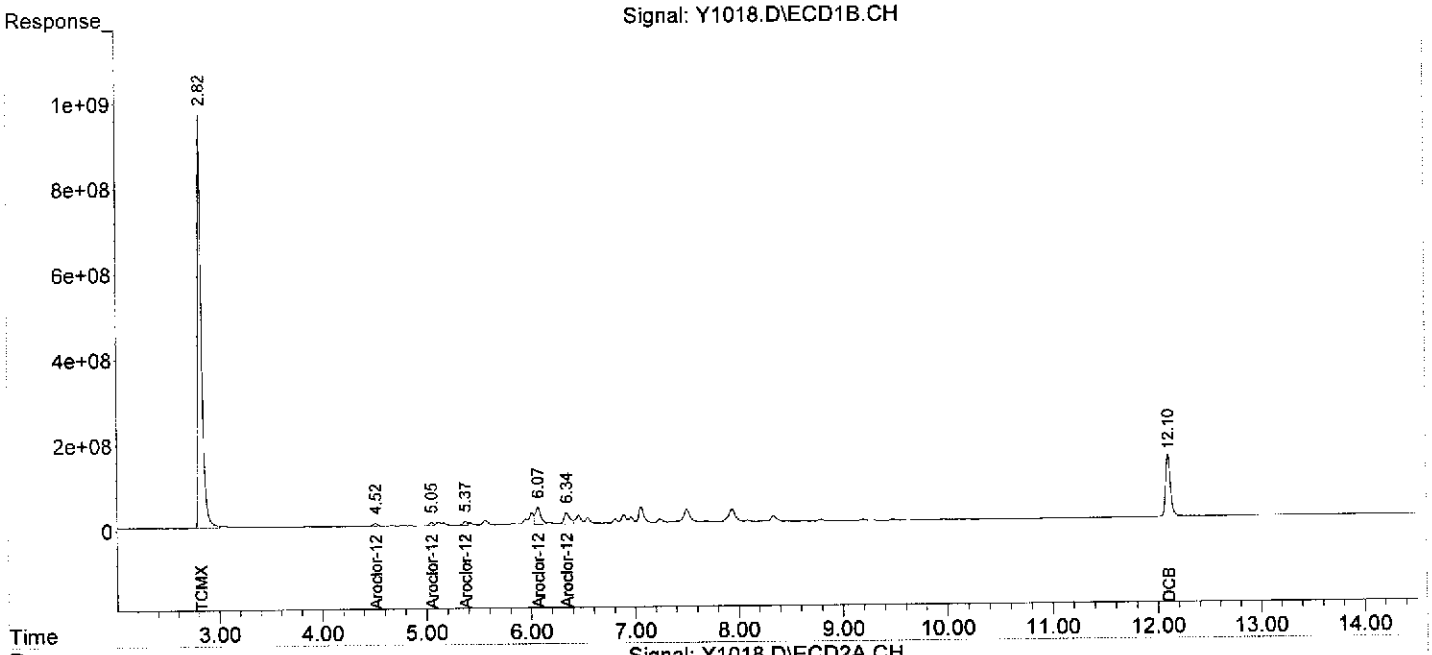
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

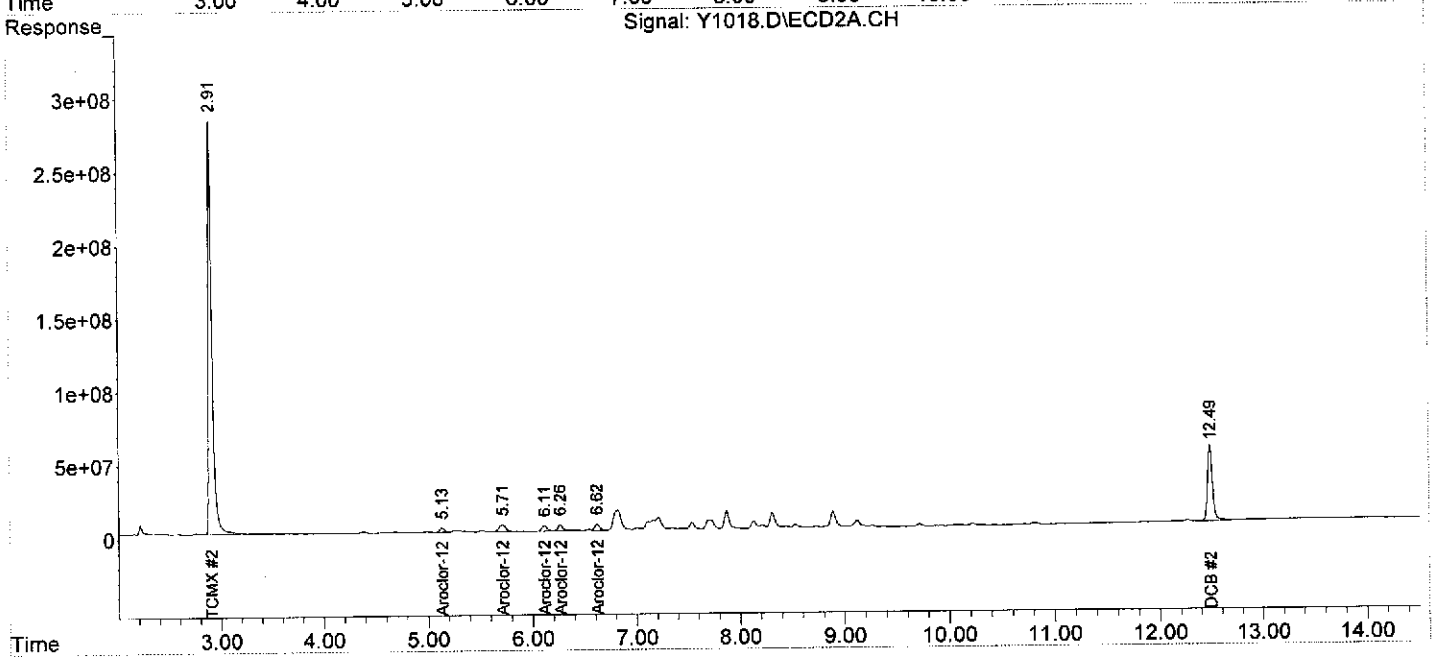
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1018.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 21:12
Operator : YG
Sample : P-16_(0-2.,08194-052,S,5.57g,23.1,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:25:21 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1019.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 21:29
Operator : YG
Sample : P-16_(2.0-,08194-053,S,5.49g,24.9,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:26:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19085.2E6	6601.4E6	200.748	188.868
Spiked Amount 200.000			Recovery	=	100.37%	94.43%
2) S DCB	12.10	12.48	4233.6E6	1623.1E6	205.433m	188.879m
Spiked Amount 200.000			Recovery	=	102.72%	94.44%
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
18) L5 Aroclor-1242	4.11	4.76	3386.5E6	529.7E6	1528.938	1029.502 #
19) L5 Aroclor-1242 {2}	5.05	5.51	2412.8E6	707.5E6	1734.898	783.146 #
20) L5 Aroclor-1242 {3}	5.37	6.11	2268.1E6	1191.5E6	1138.368	1017.899
21) L5 Aroclor-1242 {4}	6.07	6.26	1036.9E6	762.9E6	316.332	780.824 #
22) L5 Aroclor-1242 {5}	6.34	6.79	673.7E6	589.8E6	239.362	303.665 #
Sum Aroclor-1242			9777.9E6	3781.4E6	4957.897	3915.037
Average Aroclor-1242					991.579	783.007
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

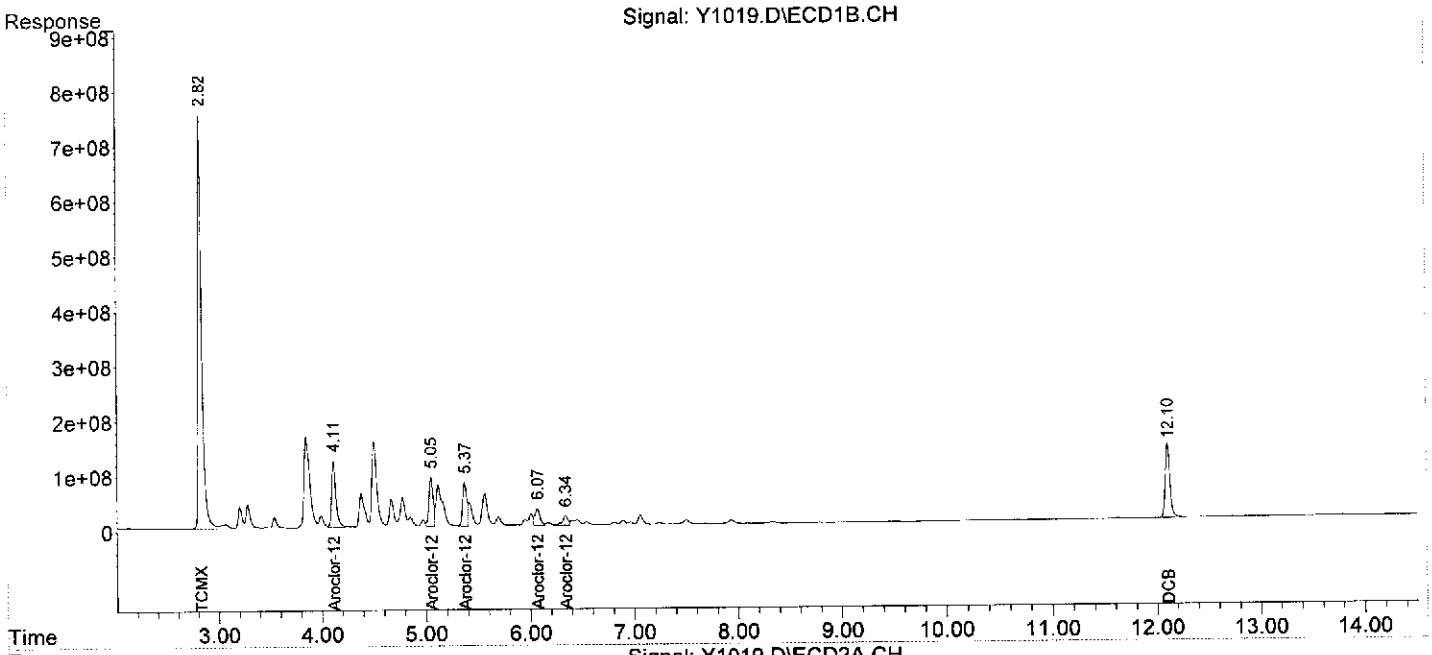
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

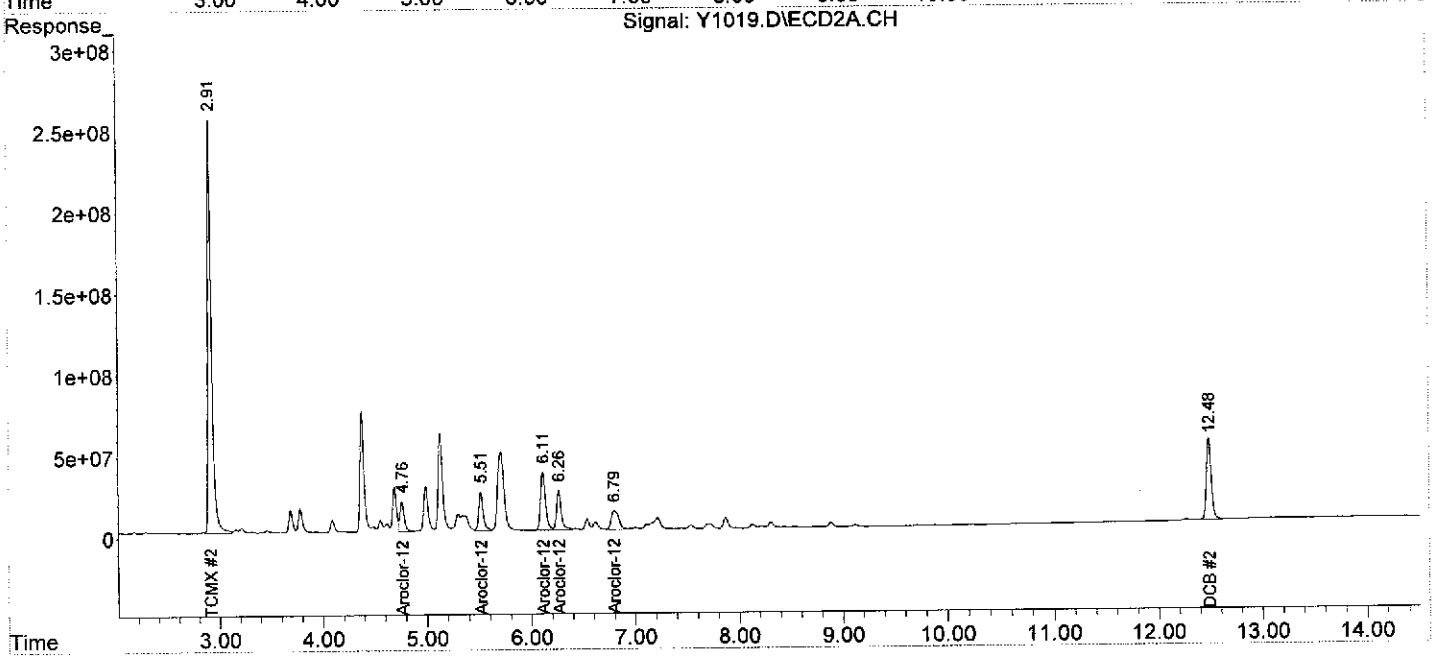
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1019.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 21:29
Operator : YG
Sample : P-16_(2.0-,08194-053,S,5.49g,24.9,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:26:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1020.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 21:46
Operator : YG
Sample : P-16_(4.0-,08194-054,S,5.76g,21.9,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:26:49 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	24517.9E6	7308.8E6	257.892	209.105
Spiked Amount 200.000			Recovery	=	128.95%	104.55%
2) S DCB	12.10	12.49	4788.4E6	1759.4E6	232.353	204.743
Spiked Amount 200.000			Recovery	=	116.18%	102.37%
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
23) L6 Aroclor-1248	4.51	5.13	222.7E6	83350182	50.502	52.287
24) L6 Aroclor-1248 {2}	5.05	5.71	150.2E6	147.7E6	61.975	63.042
25) L6 Aroclor-1248 {3}	5.37	6.11	184.8E6	96458591	60.209	56.947
26) L6 Aroclor-1248 {4}	6.07	6.27	274.9E6	78118204	49.334	53.742
27) L6 Aroclor-1248 {5}	6.34	6.62	168.5E6	38391977	40.446	45.725
Sum Aroclor-1248			1001.0E6	444.0E6	262.466	271.743
Average Aroclor-1248					52.493	54.349
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

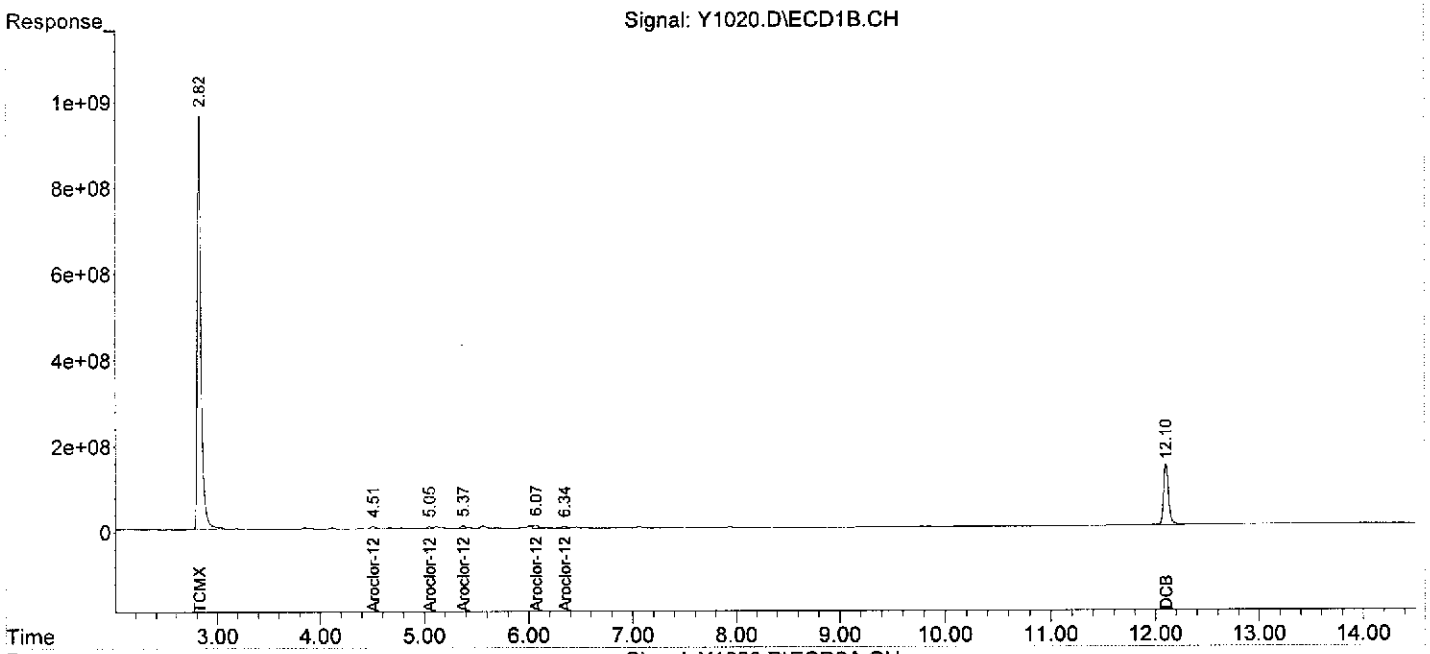
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

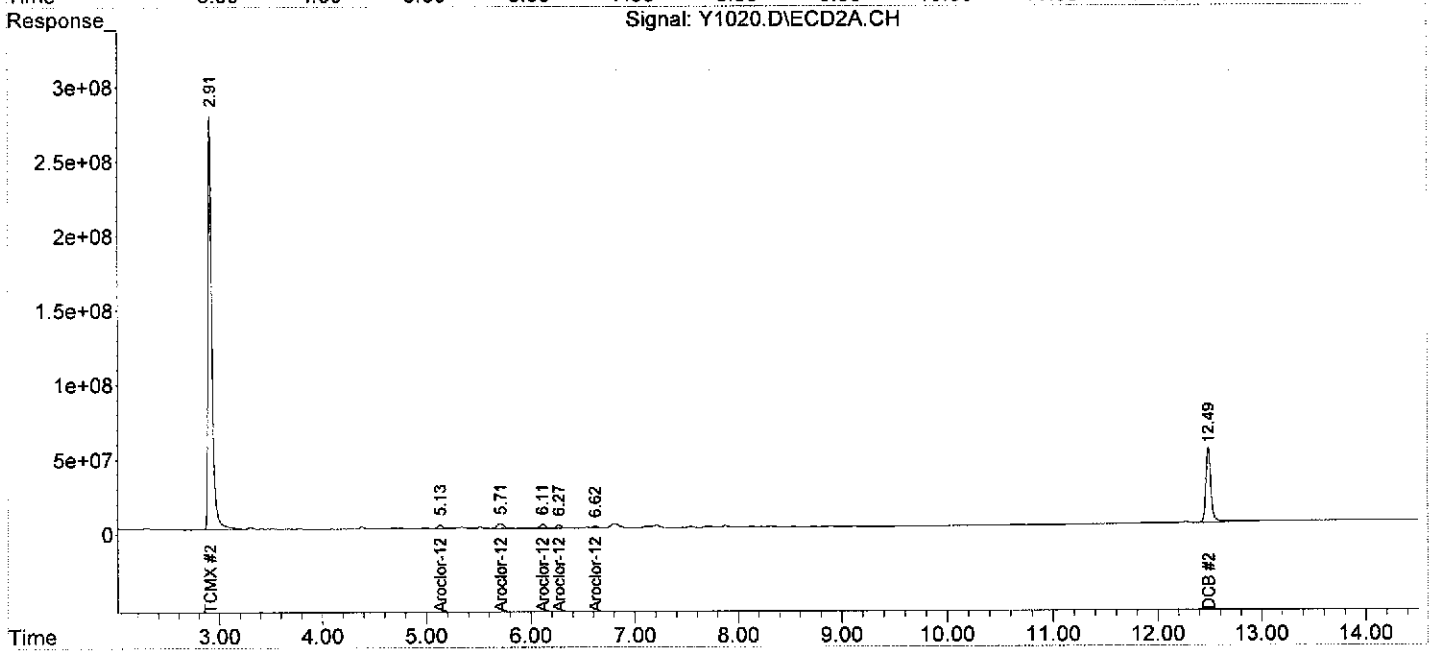
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1020.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 21:46
Operator : YG
Sample : P-16_(4.0-,08194-054,S,5.76g,21.9,08/21/12,4
Misc : 120821-08,08/13/12,08/13/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:26:49 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\08-23-12\
Data File : Y1076.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 16:16
Operator : YG
Sample : FB-31,08194-055,A,1000ml,100,08/20/12,1
Misc : 120820-07,08/13/12,08/13/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:56:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.92	24218.6E6	6948.0E6	254.743	198.782
Spiked Amount 200.000			Recovery	=	127.37%	99.39%
2) S DCB	12.11	12.50	2631.7E6	1238.3E6	127.703m	144.099m
Spiked Amount 200.000			Recovery	=	63.85%	72.05%
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

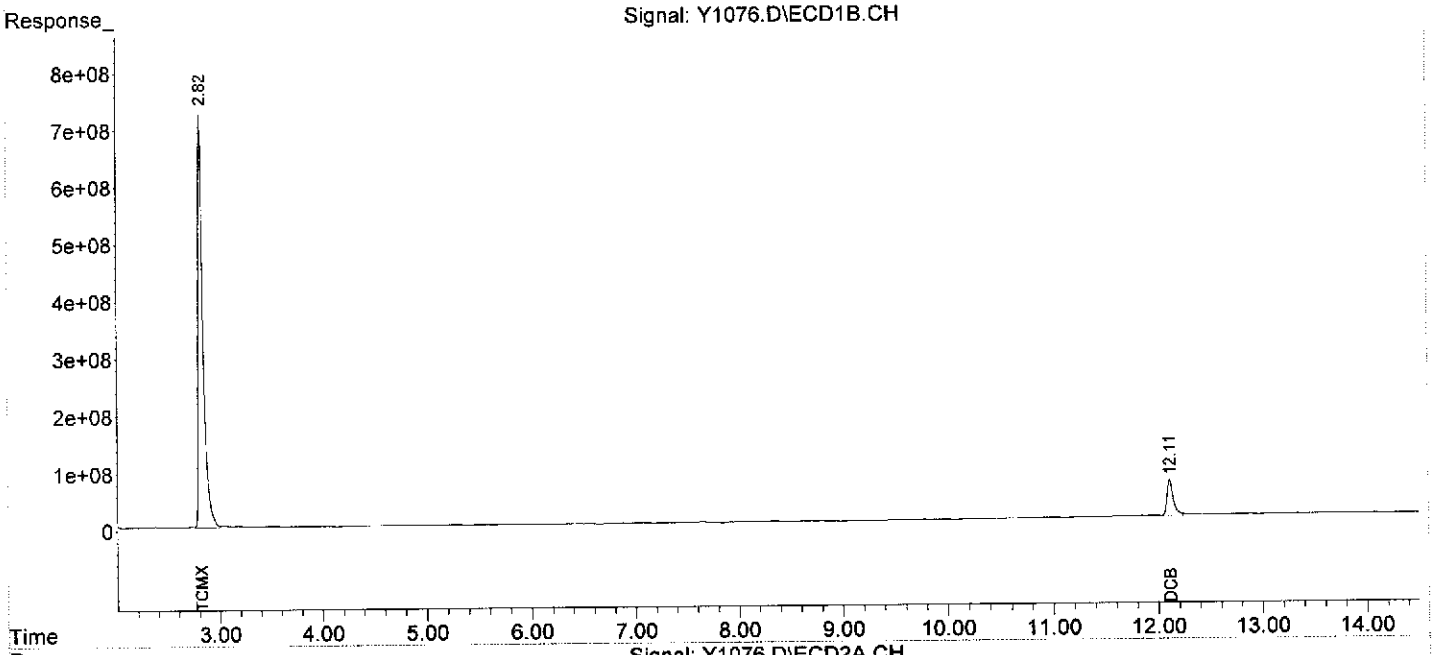
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

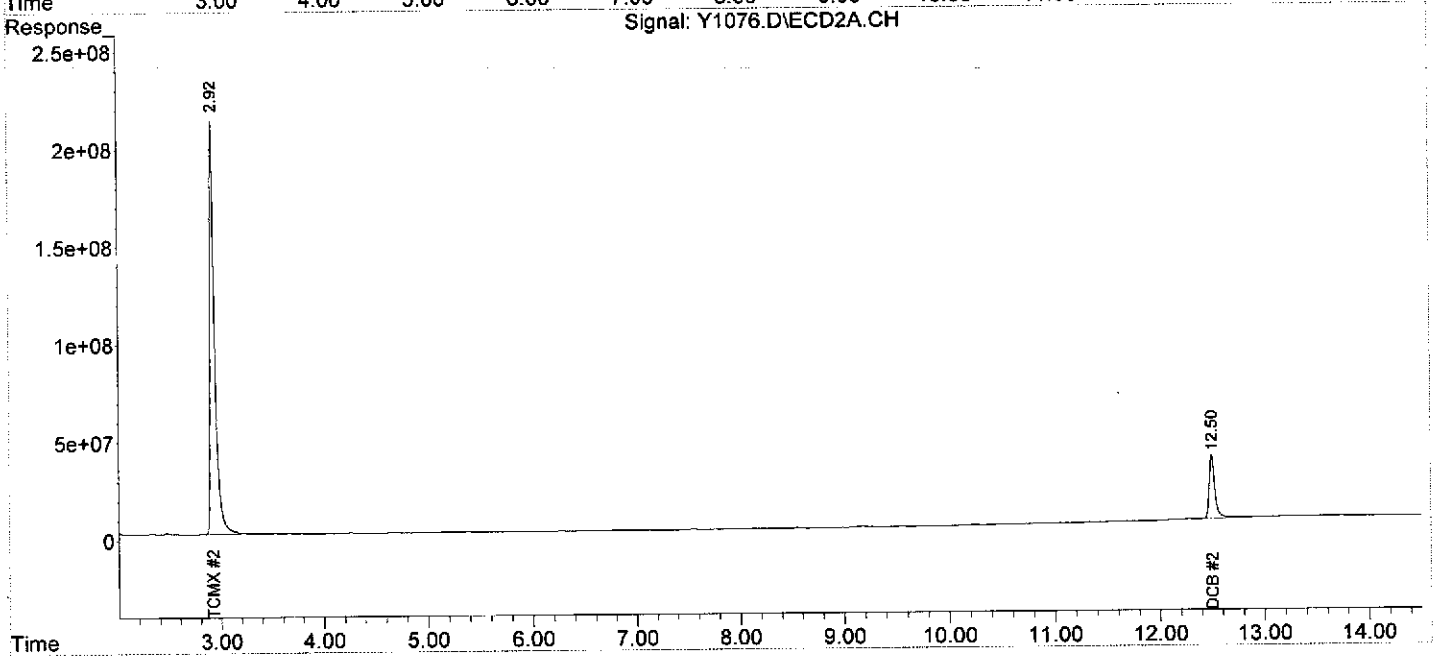
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : Y1076.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 16:16
Operator : YG
Sample : FB-31,08194-055,A,1000ml,100,08/20/12,1
Misc : 120820-07,08/13/12,08/13/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 15:56:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0727.M
Quant Title :
QLast Update : Tue Jul 31 12:56:15 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120817-09
Client ID: PCB
Date Received: NA
Date Extracted: 08/17/2012
Date Analyzed: 08/20/2012
Data file: R3299.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\08-19-12\
Data File : R3299.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 17:03
Operator : YG
Sample : PCB,BLKS120817-09,S,5.00g,0,08/17/12,4
Misc : NA,NA,NA,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:30:25 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	3.38	44240.9E6	36045.9E6	257.487	250.405
Spiked Amount 200.000			Recovery	=	128.74%	125.20%
2) S DCB	13.10	13.17	10319.5E6	5331.9E6	176.782	133.112
Spiked Amount 200.000			Recovery	=	88.39%	66.56%
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

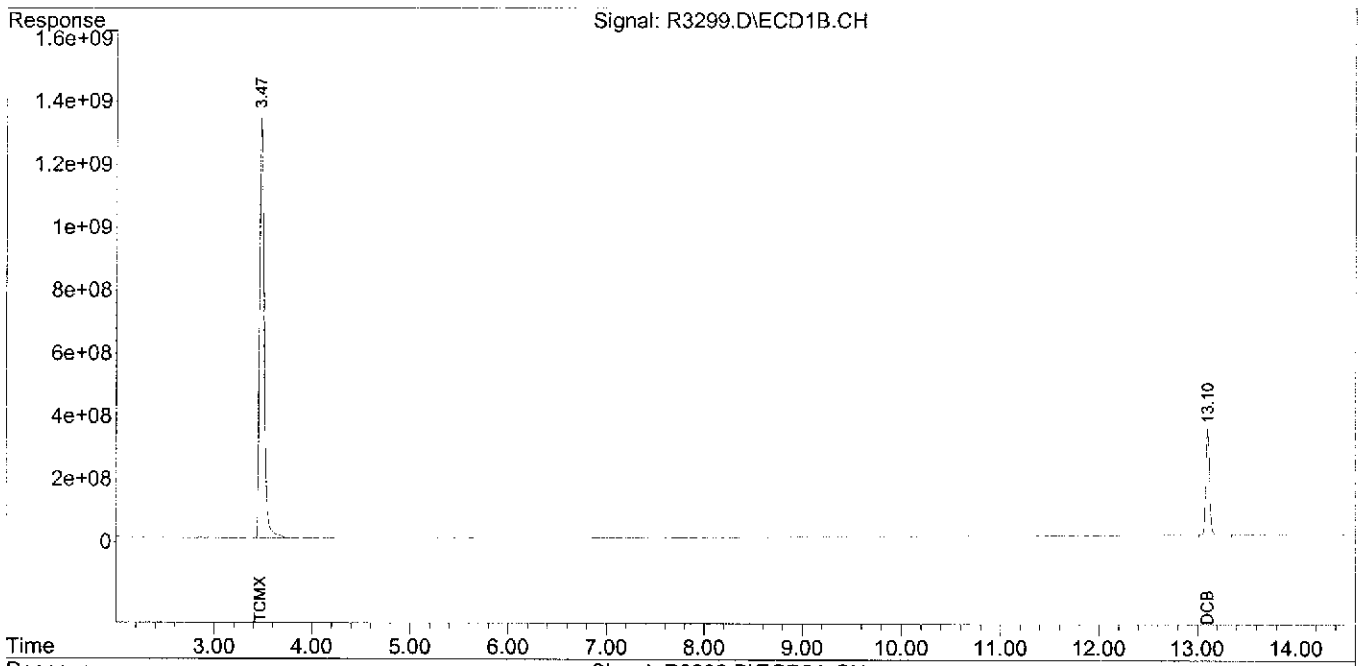
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

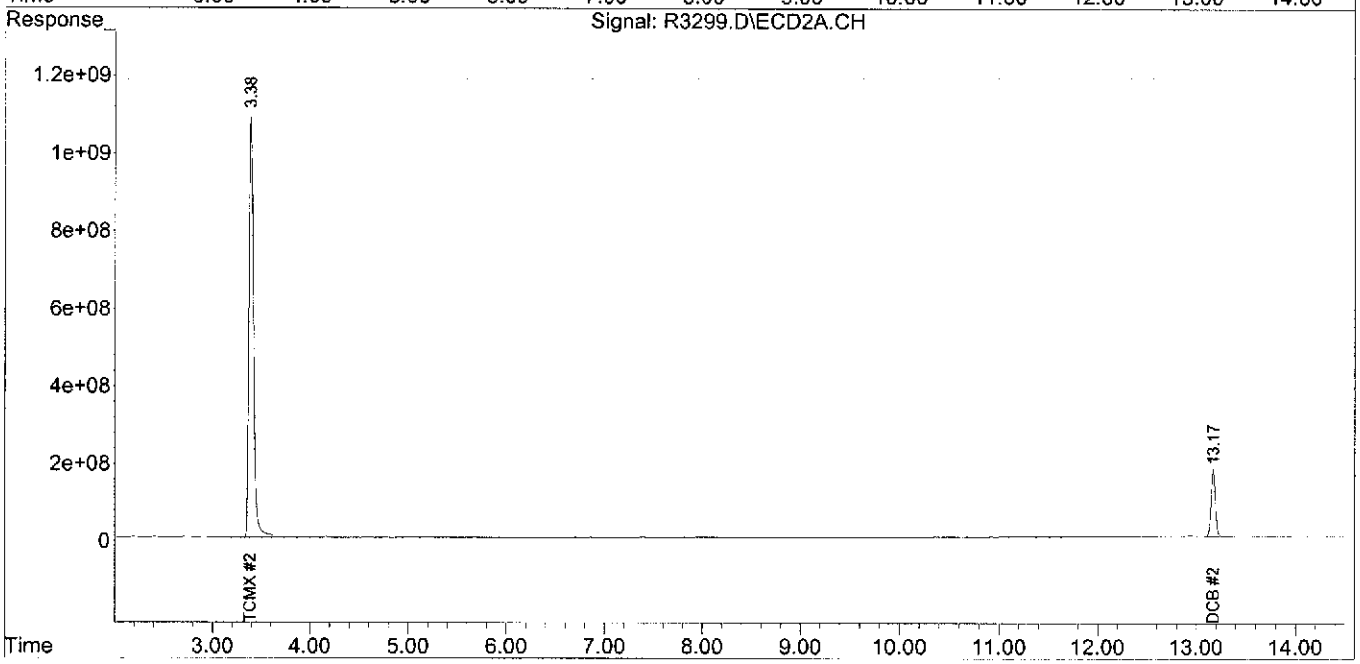
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-19-12\
Data File : R3299.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 20 Aug 2012 17:03
Operator : YG
Sample : PCB,BLKS120817-09,S,5.00g,0,08/17/12,4
Misc : NA,NA,NA,1
ALS Vial : 58 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 22 11:30:25 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120815-02
Client ID: PCB
Date Received: NA
Date Extracted: 08/15/2012
Date Analyzed: 08/22/2012
Data file: R3367.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\08-21-12\
Data File : R3367.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 00:01
Operator : YG
Sample : PCB,BLKS120815-02,S,5.00g,0,08/15/12,4
Misc : NA,NA,NA,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:09:44 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	3.49	3.40	45697.3E6	35736.4E6	265.964	248.255
Spiked Amount 200.000			Recovery	=	132.98%	124.13%
2) S DCB	13.10	13.16	6701.6E6	4599.5E6	114.805	114.826
Spiked Amount 200.000			Recovery	=	57.40%	57.41%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

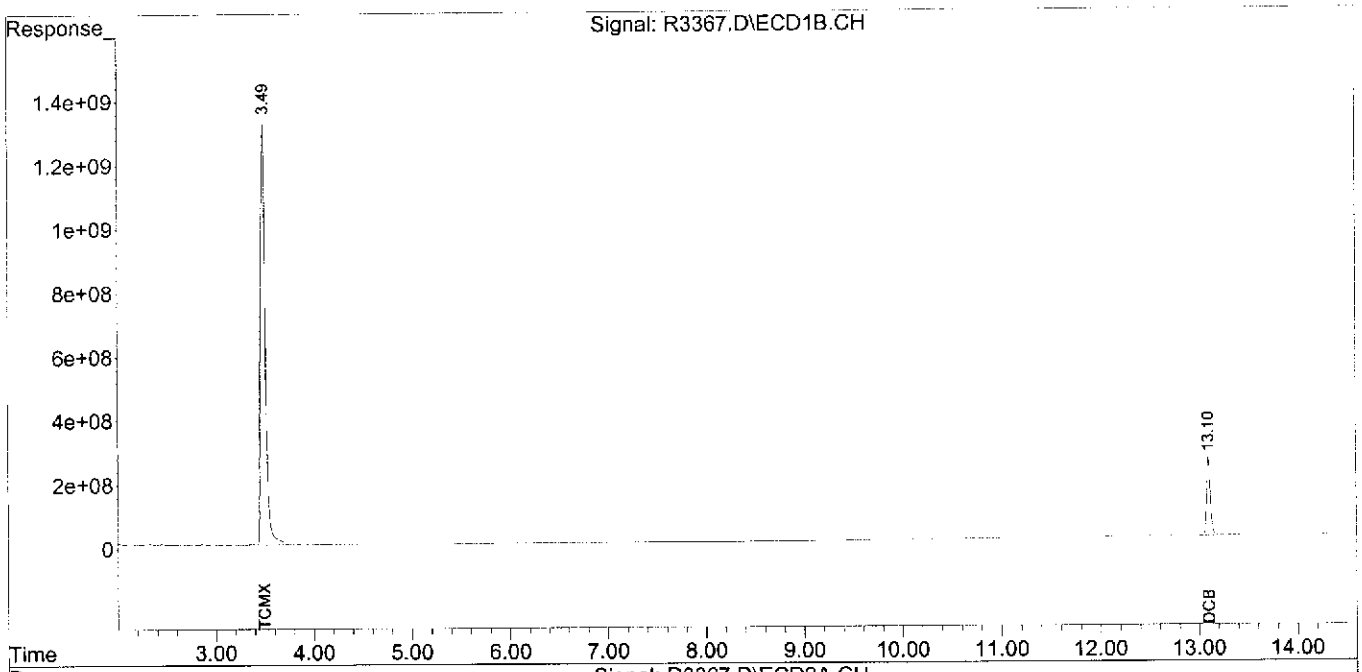
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

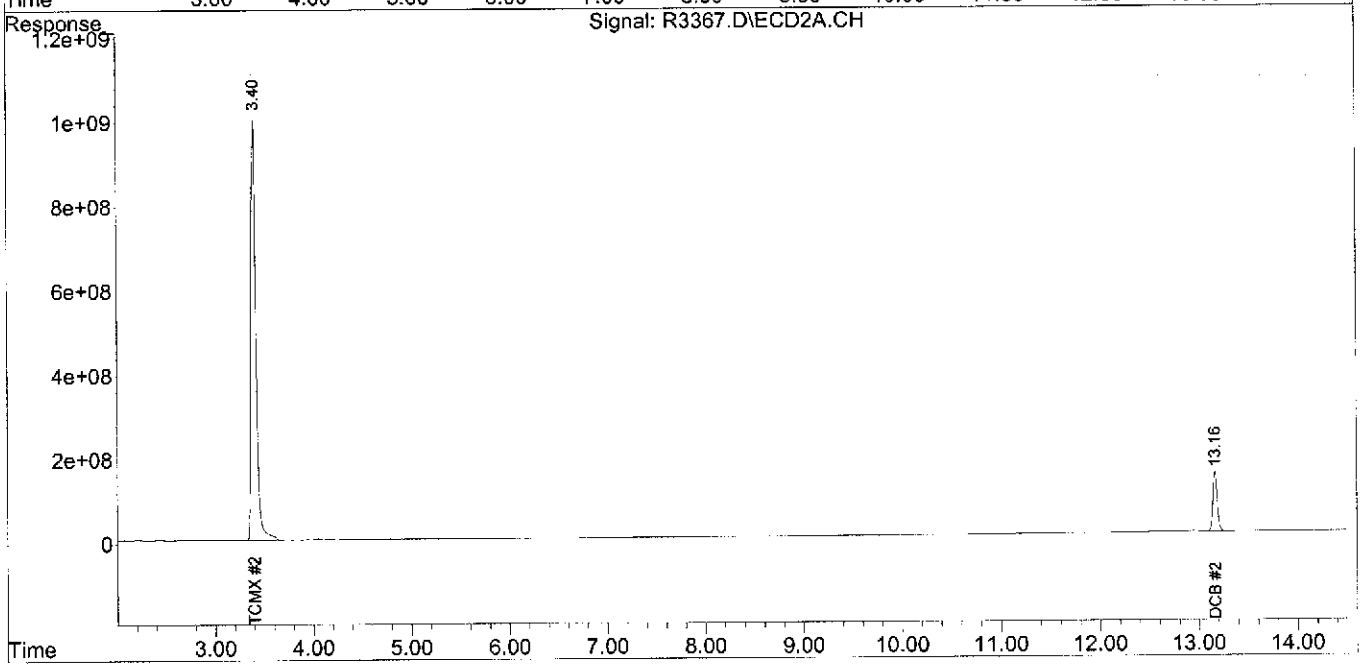
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3367.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 00:01
Operator : YG
Sample : PCB,BLKS120815-02,S,5.00g,0,08/15/12,4
Misc : NA,NA,NA,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 16:09:44 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120821-05
Client ID: PCB
Date Received: NA
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: R3393.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

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Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3393.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 8:10
Operator : YG
Sample : PCB,BLKS120821-05,S,5.00g,0,08/21/12,4
Misc : NA,NA,NA,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:37:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0803.M
Quant Title :
QLast Update : Fri Aug 03 16:36:50 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	40875.7E6	32354.6E6	237.901	224.763
Spiked Amount 200.000			Recovery	=	118.95%	112.38%
2) S DCB	13.10	13.16	7145.1E6	4158.0E6	122.403m	103.804m
Spiked Amount 200.000			Recovery	=	61.20%	51.90%
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

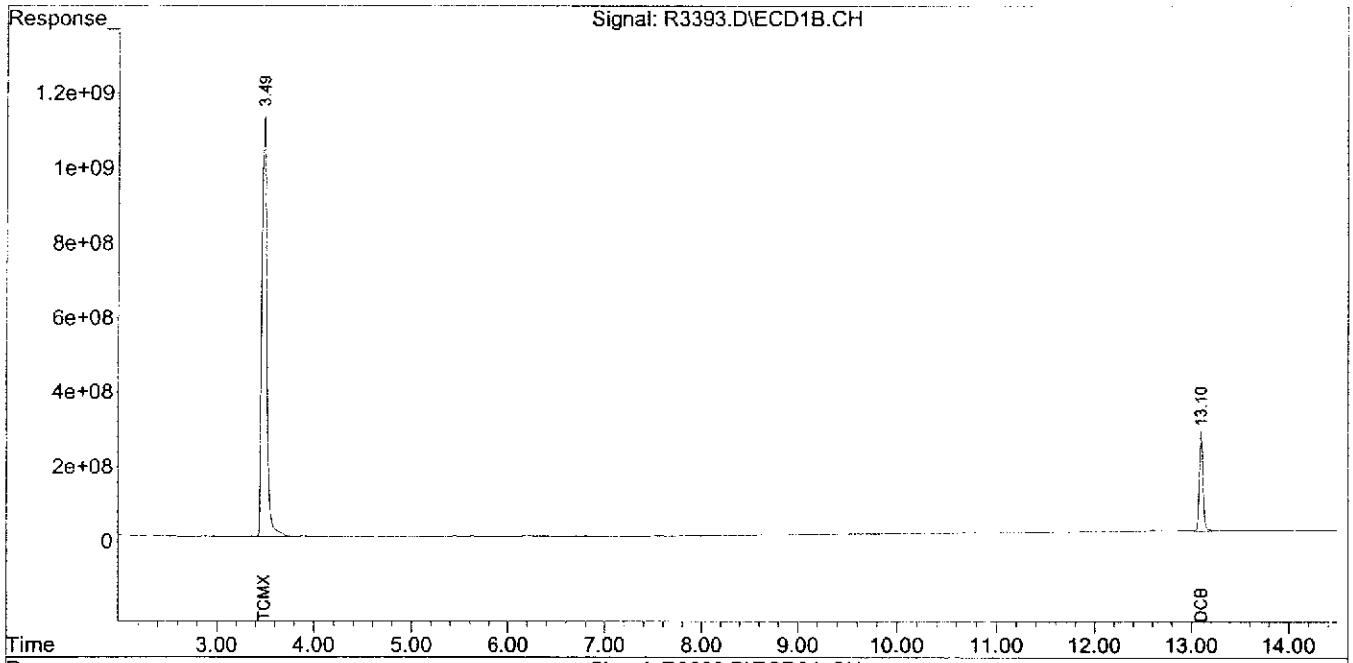
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

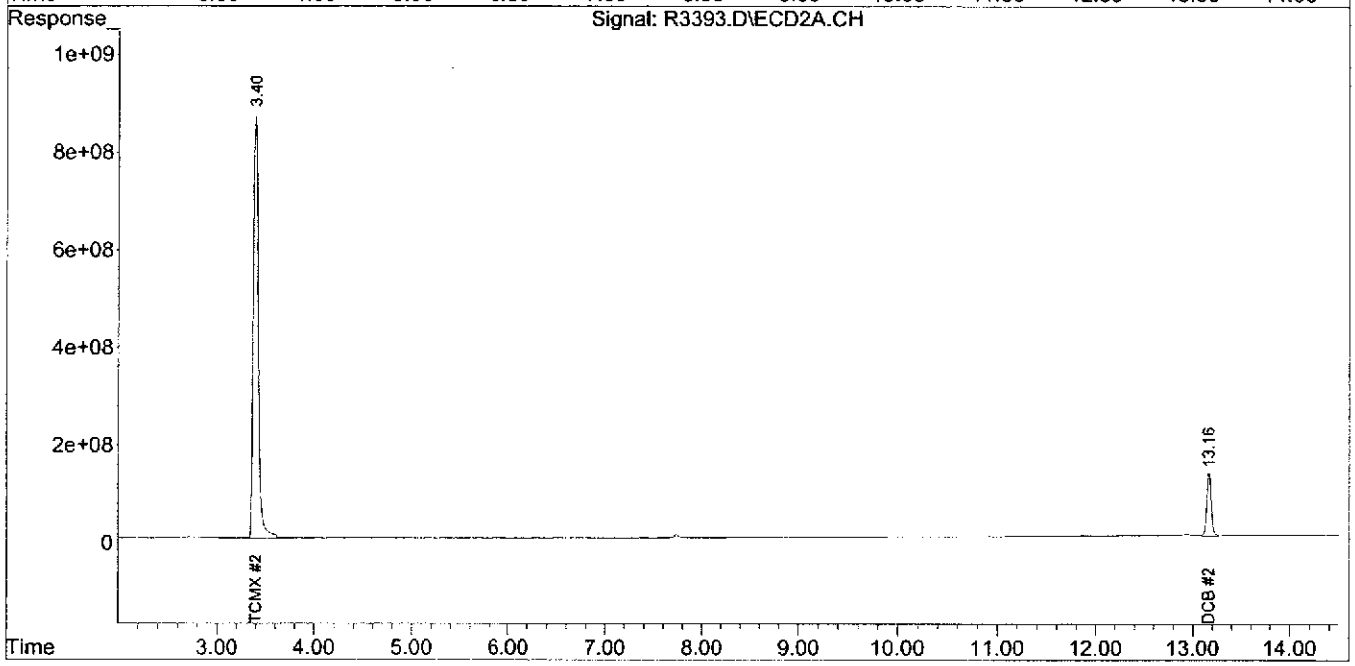
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-21-12\
Data File : R3393.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 8:10
Operator : YG
Sample : PCB,BLKS120821-05,S,5.00g,0,08/21/12,4
Misc : NA,NA,NA,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 24 11:37:05 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 :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120821-08
Client ID: PCB
Date Received: NA
Date Extracted: 08/21/2012
Date Analyzed: 08/22/2012
Data file: Y1014.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\08-22-12\
Data File : Y1014.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 20:03
Operator : YG
Sample : PCB,BLKS120821-08,S,5.00g,0,08/21/12,4
Misc : NA,NA,NA,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:17:07 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	22856.1E6	6670.3E6	240.411	190.839
Spiked Amount 200.000			Recovery	=	120.21%	95.42%
2) S DCB	12.11	12.49	4732.3E6	1629.6E6	229.631	189.631
Spiked Amount 200.000			Recovery	=	114.82%	94.82%
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

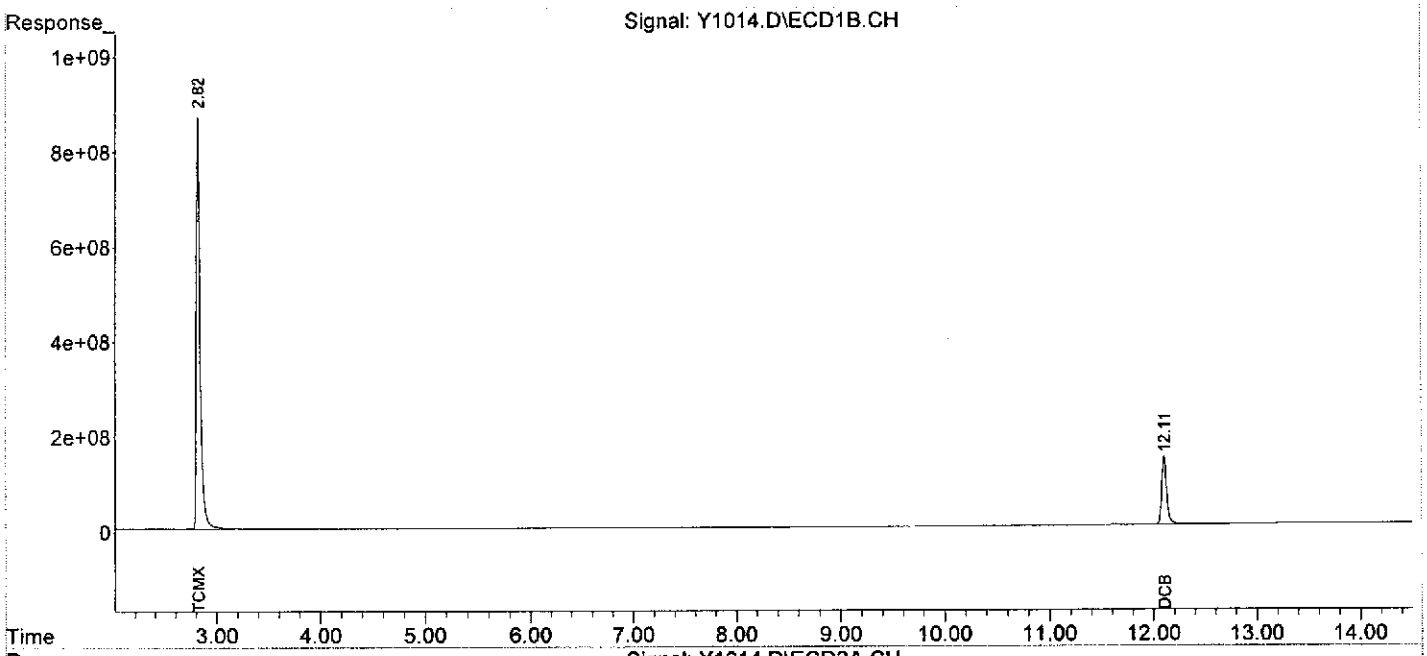
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

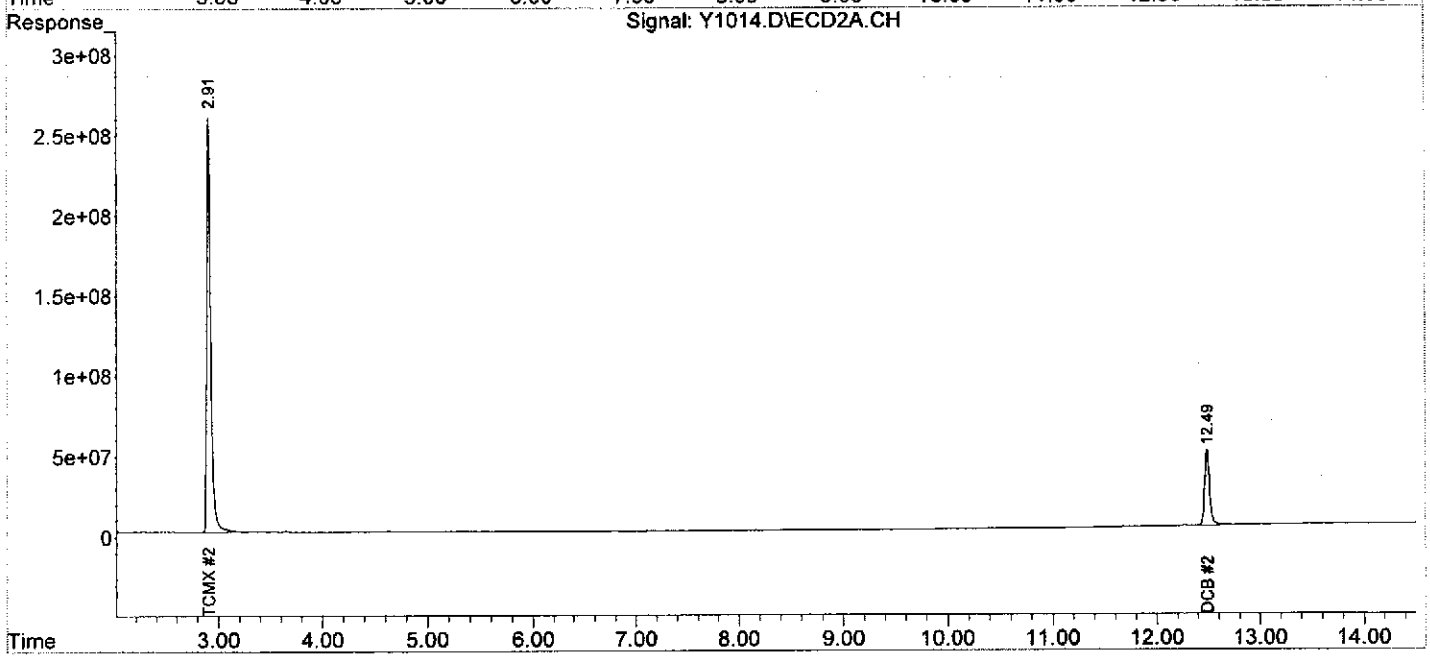
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-22-12\
Data File : Y1014.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 22 Aug 2012 20:03
Operator : YG
Sample : PCB,BLKS120821-08,S,5.00g,0,08/21/12,4
Misc : NA,NA,NA,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 27 17:17:07 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 :





E12-08194 0245

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120820-07
Client ID: PCB
Date Received: NA
Date Extracted: 08/20/2012
Date Analyzed: 08/23/2012
Data file: Y1074.D

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

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

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : Y1074.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 15:12
Operator : YG
Sample : PCB,BLKA120820-07,A,1000ml,100,08/20/12,1
Misc : NA,NA,NA,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 23 15:27:25 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	2.81	2.92	24551.1E6	7035.1E6	258.240	201.274
Spiked Amount 200.000			Recovery	=	129.12%	100.64%
2) S DCB	12.11	12.50	2818.5E6	1232.3E6	136.764m	143.398m
Spiked Amount 200.000			Recovery	=	68.38%	71.70%
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
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

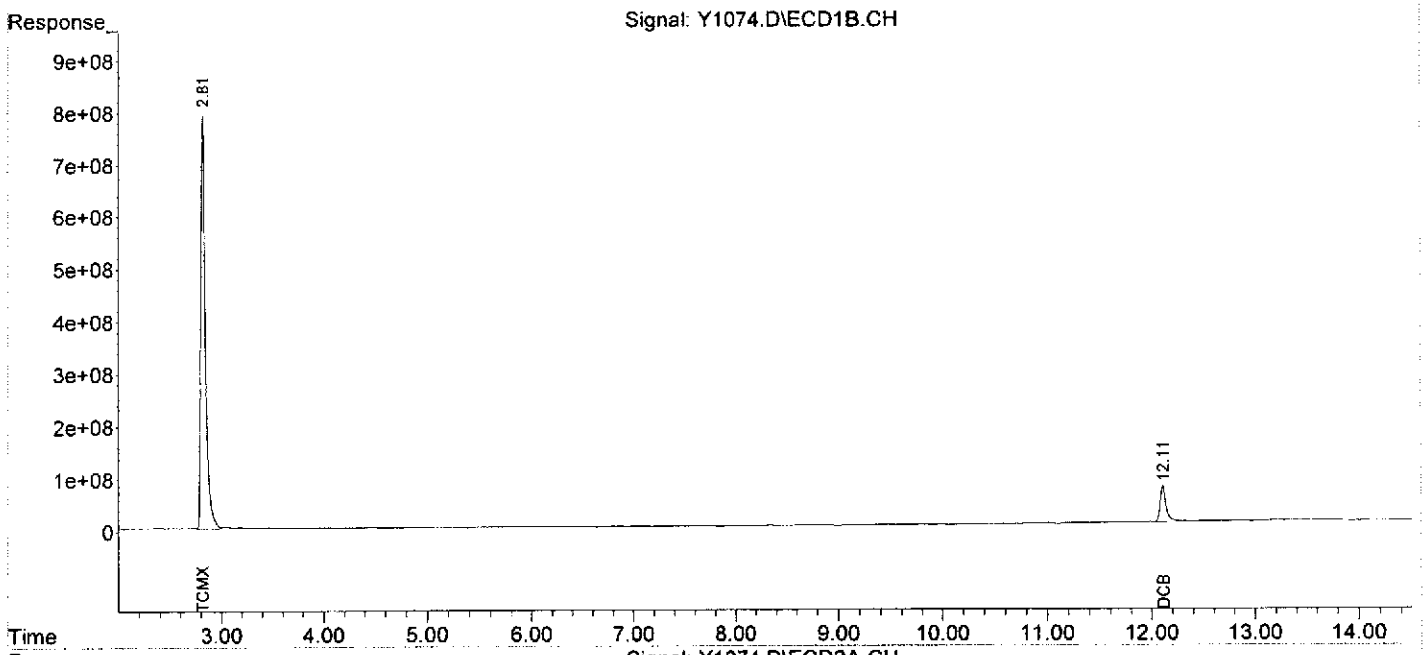
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

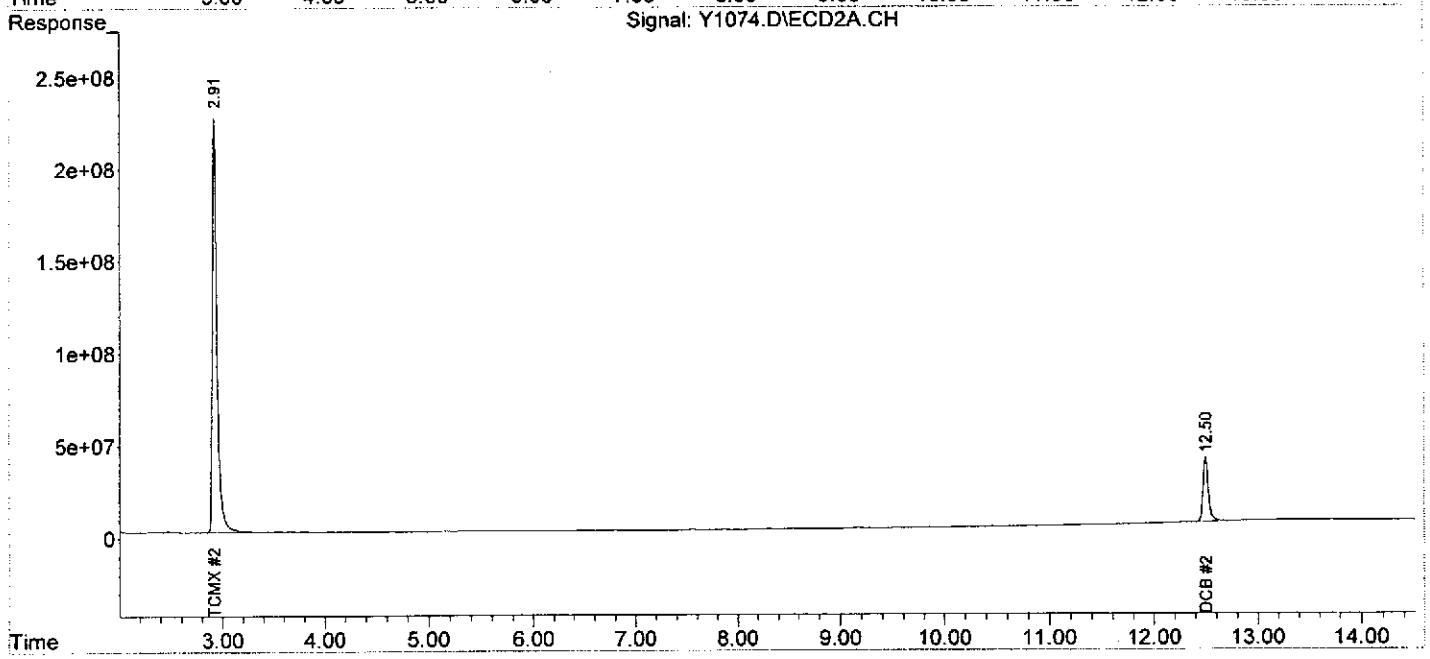
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-23-12\
Data File : Y1074.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 23 Aug 2012 15:12
Operator : YG
Sample : PCB,BLKA120820-07,A,1000ml,100,08/20/12,1
Misc : NA,NA,NA,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 23 15:27:25 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 :





SAMPLE TRACKING

IALAB

Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-0280
Web: www.ialabs.com

Company: B&C 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: Acolo Corp.
EMAIL Address: jclabby@jnoservicesinc.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgrove, Steve Kasch	Port Washington, NY 11050
Project Name: Angelco	(with copy to: B&C Environmental (att.: 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 PRIOR APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

NJ EPH DRO (5 day TAT) — NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
8RO-8015 (3-5 day TAT) — QAM025 (5 day TAT)
Vertical/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 (specify)

EDDs: SRP format — Lab approved custom EDD — NO EDD/CD REQ'D

Cooler Temp ___ at 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

Client ID	Depth (ft only)	Date	Time	Matrix	# containers	IAL #	TCL PCB (8082)	TCL PCB Extract and Hold
P-44 (5.0-5.5)		8/13/12	9:20	S	1	1	X	
P-44 (5.5-6.0)			9:21	S	1	2	X	
P-44 (6.0-6.5)			9:22	S	1	3	X	
P-44 (7.0-7.5)			9:23	S	1	4		X
K-42 (0-2.0)			9:55	S	1	5	X	
K-42 (2.0-4.0)			9:56	S	1	6	X	
K-42 (4.75-5.0)			9:57	S	1	7	X	
K-42 (5.0-6.0)			9:58	S	1	8	X	

Known Hazards: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/GW - SRS Residential - OTHER (SEE COMMENTS)

BOTTLES & PRESERVATIVES

TCL | SVOCs | pesticides | VOCs | HAZ/RCRA | Misc.

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Courier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	8/13/12	1540	Received by:	8/13/12	1540
Relinquished by:	8/13/12	1800	Received by:	8/13/12	1800
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case #: 08194

PAGE: 7 of 7

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H12-08194 0250

IAL

Integrated Analytical Labs
273 Franklin Rd

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

Company: BMC Environmental Consultants, Inc.	REPORT TO: James Clibby
Address: 2169 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 Clibby	INVOICE TO: Acuto Corp.
EMAIL Address: jclibby@jmcenvironmental.com	Address: 4 Tid Harbor Court
Sampler: Alton Holligreen, Steve Kesch	Port Washington, NY 11050
Project Name: Ampaco	(with copy to: BMC Environmental (attn.: J. Clibby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : 8804126S	

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

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: 3rd 1 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 (circled); Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format (circled); lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___ of 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

Client ID	Depth (ft only)	Sampled Date	Sampled Time	Matrix	# containers	IAL #	TCL PCB (8082)	TCL PCB Extract and hold
Q-40 (6.0-6.5)		8/13/12	10:10	S	1	9	X	
Q-40 (7.0-7.5)		↓	10:11	S	1	10	X	
Q-40 (8.0-8.5)			10:12	S	1	11	X	
Q-40 (9.0-9.5)			10:13	S	1	12	~~X~~	X
W-38 (5.5-6.0)			10:30	S	1	13	X	
W-38 (6.0-6.5)			10:31	S	1	14	X	
W-38 (7.0-7.5)			10:32	S	1	15	~~X~~	X
Y-39 (6.5-7.0)		↓	10:47	S	1	16	X	

BOTTLES & PRESERVATIVES: HCL, HNO3, NaOH, H2SO4, NAOH/ZNAc, Plastic

Known Hazards: Yes or No Describe:
Conc. Expected: Low Med High
MDL Req: GWQS (1/95) - 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:	[signature]	8/13/12	1540	Received by:	[signature]	8/13/12	1540
Relinquished by:	[signature]	8/13/12	1800	Received by:	[signature]	8/13/12	1800
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

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Comments:

Lab Case # 08194

PAGE: 2 of 7

E12-08194 0251

IAL Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

Company: R&C 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		
Samplers: Alton Hellgren, Steve Kanch	Port Washington, NY 11050		
Project Name: Augusto	(with copy to: R&C 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

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 (specify)

EDDs: (SRP format); lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___ of 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

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	TCL PCB Extract and Hold
Y-39 (7.0-7.5)		8/13/12	10:48	S	1	17	x	
Y-39 (8.0-8.5)		↓	10:49	S	1	18	x	
Y-39 (9.0-9.5)			10:50	S	1	19	[struck through]	X
Z-39 (5.5-6.0)			11:17	S	1	20	x	
Z-39 (6.0-6.5)			11:18	S	1	21	x	
Z-39 (7.0-7.5)			11:19	S	1	22	[struck through]	X
DD-29 (5.0-5.5)			11:37	S	1	23	x	
[struck through] (SW)			[struck through]					

BOTTLES & PRESERVATIVES: HCL, HNO3, NaOH, H2SO4, NAOH/ZNAc, Sterile

Known Hazard: Yes or No Describe:
Conc. Expected: Low Med High
MDL Req: GWQS (1/95) - 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.

Courier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:	[signature]	8/13/12	1540	Received by:	[signature]	8/13/12	1540
Relinquished by:	[signature]	8/13/12	1800	Received by:	[signature]	8/13/12	1800
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 08194

PAGE 3 of 7

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E12-08194 0252

IAL
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

Company: EMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2100 Bridge Ave., Bldg. B	Address:
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Acuto Corp.
EMAIL Address: jclabby@emcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Allen Hallgreen, Steve Koch	Port Washington, NY 11050
Project Name: Acupro	(with copy to: EMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 23126
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

[redacted]
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 - 20%; 6-9 day 10%

Report Format: Results Only; (Reduced); Regulatory - 25% Surcharge applies; Other (specify)

EDDs: (SRP format); lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___ 4 °C

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water; OI - Oil LIQ - Liquid (Specify) OT - Other (Specify); S - Soil SL - Sludge SOL - Solid W - Wipe

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	TCL PCB Extract and Hold	HCL	HNO3	NaOH	H2SO4	NAOH/ZNAC	Blank
DD-29 (6.0-6.5)		8/13/12	11:38	S	1	24	x							
DD-29 (7.0-7.5)		↓	11:39	S	1	25	~~x~~	X						
II-27 (0-2.0)		↓	12:19	S	1	26	x							
II-27 (2.0-4.0)		↓	12:20	S	1	27	x							
II-27 (4.0-6.0)		↓	12:21	S	1	28	x							
II-27 (6.0-8.0)		↓	12:22	S	1	29	x							
EE-18 (0-2.0)		↓	1:25	S	1	30	x							
EE-18 (2.0-4.0)		↓	1:26	S	1	31	x							

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (1/98) - 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.

Cooler (check one): ___ IAL Cooler ___ Client Cooler ___ FedEx/UPS

	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:	[signature]	8/13/12	1540	Received by:	[signature]	8/13/12	1540
Relinquished by:	[signature]	8/13/12	1800	Received by:	[signature]	8/13/12	1800
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 08194

PAGE 4 of 7

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IAL Integrated Analytical Labs
273 Franklin Rd

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

Company: BMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2189 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 Koch	Port Washington, NY 11050
Project Name: Ampaco	(with copy to: BMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : 08041205	

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

[redacted]
NJ EPH DRO (5 day TAT) — NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (2-5 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** (circled); Regulatory - 15% Surcharge applies; Other (describe)

EDDs: **SRP format** (circled); lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp. ___ of 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

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)
EE-18 (4.0-6.0)		8/13/12	1:27	S	1	32	X
FF-18 (0-2.0)		↓	1:38	S	1	33	X
FF-18 (2.0-4.0)		↓	1:39	S	1	34	X
FF-18 (4.0-4.75)		↓	1:40	S	1	35	X
FF-18 (4.75-6.0)		↓	1:41	S	1	36	X
FF-19 (0-2.0)		↓	1:55	S	1	37	X
FF-19 (2.0-4.0)		↓	1:56	S	1	38	X
FF-19 (4.0-5.0)		↓	1:57	S	1	39	X

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES: HCL, HNO3, NaOH, H2SO4, NAOH/ZNAc, Blank

Known Hazard: Yes or No Describe:
Conc. Expected: Low Med High
MDL Req: GWQS (1/05) - 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.

Courier (check one): ___ IAL Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	8/13/12	1540	Received by:	8/13/12	1540
Relinquished by:	8/13/12	1800	Received by:	8/13/12	1800
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case #: 08194

PAGE 5 of 7

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IAL Integrated Analytical Labs
275 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4262
fax: 973 989-6288
Web: www.ialoniine.com

Company: B&C 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: Acuto Corp.
EMAIL Address: jclabby@jacoenvironmental.com	Address: 4 Tal Harbor Court
Sampler: Alton Hallgreen, Steve Kanik	Port Washington, NY 11050
Project Name: Acupco	(with copy to: B&C Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SB041205	

Turnaround Time (circle the following may 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

		Rush TAT Charge**	Report Format	EDDs
NJ EPH DRO (5 day TAT)	NJ EPH Fractionated (5 day TAT)	24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%	Results Only	SRP format
NJ EPH - C08 (5 day TAT)			Reduced	Lab approved custom EDD
DRO-8015 (3-5 day TAT)	QAM025 (5 day TAT)		Regulatory - 15% Surcharge applies	NO EDD/CD REQ'D
Verbal/Fax: 50% 2 wk notice, otherwise excellent			Other (describe)	
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**			Cooler Temp ___ of 4 °C	
Other** (specify):				
Hard Copy: Std 3 week *	Other - call for price			

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OL - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Date	Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	NaOH	H2SO4	NaAc/ZnAc	None
FF-19 (5.0-6.0)		8/13/12	1:58	S	1	40	X						
FF-19 (6.0-8.0)			1:59	S	1	41	X						
FF-20 (0-2.0)			2:16	S	1	42	X						
FF-20 (2.0-4.0)			2:17	S	1	43	X						
FF-20 (4.0-5.0)			2:18	S	1	44	X						
FF-20 (5.0-6.0)			2:19	S	1	45	X						
FF-20 (6.0-8.0)			2:20	S	1	46	X						
GG-20 (0-2.0)			2:36	S	1	47	X						

Known Hazards: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/GW - 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.

Courier (check one): ___ IAL Courier ___ Client Courier ___ Fedex/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by: [signature]	8/13/12	1540	Received by: [signature]	8/13/12	1540
Relinquished by: [signature]	8/13/12	1800	Received by: [signature]	8/13/12	1800
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case #: 08194

PAGE: 6 of 7

WHITE - 2-08194 COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0255

IAL Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4202
fax: 973 989-6286
Web: www.ialonline.com

Company: BBC Environmental Consultants, Inc.	REPORT TO: James Clibby
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 Clibby	INVOICE TO: Aspto Corp.
EMAIL Address: jclibby@bbcenvironmental.com	Address: 4 Tel Huber Court
Sampler: Alan Hallgren, Steve Kunik	Port Washington, NY 11050
Project Name: Aspmco	(with copy to: BBC Environmental (attn.: J. Clibby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SB041205	

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

	Rush TAT Charge**	Report Format	EDDs
NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT) NJ EPH - C40 (5 day TAT) DRO-0015 (3-5 day TAT) QAM025 (5 day TAT)	24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 20%.... 6-9 day 10%	Results Only Reduced Regulatory - 15% Surcharge applies Other (specify)	SRP format Lab approved custom EDD NO EDD/CD REQ'D

Verbal/Text: 201 2 yr notice otherwise modified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Cooler Temp ___ of 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

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	VOC	SVOC	Metals	TAL/RCRA/Ac	Sorb
GG-20 (2.0-4.0)		8/13/12	2:37	S	1	48	x					
GG-20 (4.0-6.0)			2:38	S	1	49	x					
GG-20 (6.0-6.75)			2:39	S	1	50	x					
GG-20 (6.75-8.0)			2:40	S	1	51	x					
P-16 (0-2.0)			3:08	S	1	52	x					
P-16 (2.0-3.75)			3:09	S	1	53	x					
P-16 (4.0-6.0)			3:10	S	1	54	x					
FB-31		✓	3:15	AQ	2	55	x					

BOTTLES & PRESERVATIVES

Known Hazards: Yes or No Describe:	Conc. Expected: Low Med High

MDL Req: CWQS (11/95) - SRS - SRS/GW - 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 (circle one): ___ Mt. Courier ___ Client Courier ___ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	8/13/12	1540	Received by:	8/13/12	1540
Relinquished by:	8/13/12	1800	Received by:	8/13/12	1800
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 08194

PAGE 7 of 7

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1112-08194

02256

PROJECT INFORMATION

E12-08194

Case No. E12-08194 **Project** ARSYNCO

Customer	**JMC Environmental Consultants**	**P.O. #**	
Contact	Jim Clabby	**Received**	8/13/2012 18:00
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co tadams@jmcenvironmenta... ☑ EMail EDDs	**Verbal Due**	8/28/2012
Phone	(732) 295-7144 **Fax** (732) 295-2150	**Report Due**	9/12/2012
Report To		**Bill To**	
2109 Bridge Avenue		Aceto Corp.	
Building B		4 Tri Harbor Court	
Point Pleasant, NJ 08742		Port Washington, NY 11050	
Attn: Jim Clabby		Attn: Mr. Ed Kelly	

Report Format **Reduced**

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
08194-001	P-44 (5.0-5.5)	5 / 5.5	8/13/2012@09:20	Soil	mg/Kg	1
08194-002	P-44 (5.5-6.0)	5.5 / 6	8/13/2012@09:21	Soil	mg/Kg	1
08194-003	P-44 (6.0-6.5)	6 / 6.5	8/13/2012@09:22	Soil	mg/Kg	1
08194-004	P-44 (7.0-7.5)	7 / 7.5	8/13/2012@09:23	Soil	mg/Kg	1
08194-005	K-42 (0-2.0)	0 / 2	8/13/2012@09:55	Soil	mg/Kg	1
08194-006	K-42 (2.0-4.0)	2 / 4	8/13/2012@09:56	Soil	mg/Kg	1
08194-007	K-42 (4.75-5.0)	4.75 / 5	8/13/2012@09:57	Soil	mg/Kg	1
08194-008	K-42 (5.0-6.0)	5 / 6	8/13/2012@09:58	Soil	mg/Kg	1
08194-009	Q-40 (6.0-6.5)	6 / 6.5	8/13/2012@10:10	Soil	mg/Kg	1
08194-010	Q-40 (7.0-7.5)	7 / 7.5	8/13/2012@10:11	Soil	mg/Kg	1
08194-011	Q-40 (8.0-8.5)	8 / 8.5	8/13/2012@10:12	Soil	mg/Kg	1
08194-012	Q-40 (9.0-9.5)	9 / 9.5	8/13/2012@10:13	Soil	mg/Kg	1
08194-013	W-38 (5.5-6.0)	5.5 / 6	8/13/2012@10:30	Soil	mg/Kg	1
08194-014	W-38 (6.0-6.5)	6 / 6.5	8/13/2012@10:31	Soil	mg/Kg	1
08194-015	W-38 (7.0-7.5)	7 / 7.5	8/13/2012@10:32	Soil	mg/Kg	1
08194-016	Y-39 (6.5-7.0)	6.5 / 7	8/13/2012@10:47	Soil	mg/Kg	1
08194-017	Y-39 (7.0-7.5)	7 / 7.5	8/13/2012@10:48	Soil	mg/Kg	1
08194-018	Y-39 (8.0-8.5)	8 / 8.5	8/13/2012@10:49	Soil	mg/Kg	1
08194-019	Y-39 (9.0-9.5)	9 / 9.5	8/13/2012@10:50	Soil	mg/Kg	1
08194-020	Z-39 (5.5-6.0)	5.5 / 6	8/13/2012@11:17	Soil	mg/Kg	1
08194-021	Z-39 (6.0-6.5)	6 / 6.5	8/13/2012@11:18	Soil	mg/Kg	1
08194-022	Z-39 (7.0-7.5)	7 / 7.5	8/13/2012@11:19	Soil	mg/Kg	1
08194-023	DD-29 (5.0-5.5)	5 / 5.5	8/13/2012@11:37	Soil	mg/Kg	1
08194-024	DD-29 (6.0-6.5)	6 / 6.5	8/13/2012@11:38	Soil	mg/Kg	1
08194-025	DD-29 (7.0-7.5)	7 / 7.5	8/13/2012@11:39	Soil	mg/Kg	1
08194-026	II-27 (0-2.0)	0 / 2	8/13/2012@12:19	Soil	mg/Kg	1
08194-027	II-27 (2.0-4.0)	2 / 4	8/13/2012@12:20	Soil	mg/Kg	1
08194-028	II-27 (4.0-6.0)	4 / 6	8/13/2012@12:21	Soil	mg/Kg	1

PROJECT INFORMATION

E12-08194

Case No. E12-08194 **Project** ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
08194-029	II-27 (6.0-8.0)	6 / 8	8/13/2012@12:22	Soil	mg/Kg	1
08194-030	EE-18 (0-2.0)	0 / 2	8/13/2012@13:25	Soil	mg/Kg	1
08194-031	EE-18 (2.0-4.0)	2 / 4	8/13/2012@13:26	Soil	mg/Kg	1
08194-032	EE-18 (4.0-6.0)	4 / 6	8/13/2012@13:27	Soil	mg/Kg	1
08194-033	FF-18 (0-2.0)	0 / 2	8/13/2012@13:38	Soil	mg/Kg	1
08194-034	FF-18 (2.0-4.0)	2 / 4	8/13/2012@13:39	Soil	mg/Kg	1
08194-035	FF-18 (4.0-4.75)	4 / 4.75	8/13/2012@13:40	Soil	mg/Kg	1
08194-036	FF-18 (4.75-6.0)	4.75 / 6	8/13/2012@13:41	Soil	mg/Kg	1
08194-037	FF-19 (0-2.0)	0 / 2	8/13/2012@13:55	Soil	mg/Kg	1
08194-038	FF-19 (2.0-4.0)	2 / 4	8/13/2012@13:56	Soil	mg/Kg	1
08194-039	FF-19 (4.0-5.0)	4 / 5	8/13/2012@13:57	Soil	mg/Kg	1
08194-040	FF-19 (5.0-6.0)	5 / 6	8/13/2012@13:58	Soil	mg/Kg	1
08194-041	FF-19 (6.0-8.0)	6 / 8	8/13/2012@13:59	Soil	mg/Kg	1
08194-042	FF-20 (0-2.0)	0 / 2	8/13/2012@14:16	Soil	mg/Kg	1
08194-043	FF-20 (2.0-4.0)	2 / 4	8/13/2012@14:17	Soil	mg/Kg	1
08194-044	FF-20 (4.0-5.0)	4 / 5	8/13/2012@14:18	Soil	mg/Kg	1
08194-045	FF-20 (5.0-6.0)	5 / 6	8/13/2012@14:19	Soil	mg/Kg	1
08194-046	FF-20 (6.0-8.0)	6 / 8	8/13/2012@14:20	Soil	mg/Kg	1
08194-047	GG-20 (0-2.0)	0 / 2	8/13/2012@14:36	Soil	mg/Kg	1
08194-048	GG-20 (2.0-4.0)	2 / 4	8/13/2012@14:37	Soil	mg/Kg	1
08194-049	GG-20 (4.0-6.0)	4 / 6	8/13/2012@14:38	Soil	mg/Kg	1
08194-050	GG-20 (6.0-6.75)	6 / 6.75	8/13/2012@14:39	Soil	mg/Kg	1
08194-051	GG-20 (6.75-8.0)	6.75 / 8	8/13/2012@14:40	Soil	mg/Kg	1
08194-052	P-16 (0-2.0)	0 / 2	8/13/2012@15:08	Soil	mg/Kg	1
08194-053	P-16 (2.0-3.75)	2 / 3.75	8/13/2012@15:09	Soil	mg/Kg	1
08194-054	P-16 (4.0-6.0)	4 / 6	8/13/2012@15:10	Soil	mg/Kg	1
08194-055	FB-31	n/a	8/13/2012@15:15	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	Extract_Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	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
011	TCL PCB	Complete	8082
012	Extract_Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
013	TCL PCB	Complete	8082
014	TCL PCB	Complete	8082

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PROJECT INFORMATION

E12-08194

Case No. E12-08194 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
015	Extract Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
016	TCL PCB	Complete	8082
017	TCL PCB	Complete	8082
018	TCL PCB	Complete	8082
019	Extract Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
020	TCL PCB	Complete	8082
021	TCL PCB	Complete	8082
022	Extract Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
023	TCL PCB	Complete	8082
024	TCL PCB	Complete	8082
025	Extract Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
026	TCL PCB	Complete	8082
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
039	TCL PCB	Complete	8082
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
045	TCL PCB	Complete	8082
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

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PROJECT INFORMATION

E12-08194

Case No. E12-08194 **Project** ARSYNCO

08/14/2012 10:48 by Ellen - NOTE 2

ALSO EMAIL CONFIRMATIONS AND RESULTS TO STEVE KOSCH ATskosch@jmcenvironmental.com.

09/07/2012 11:38 by Brian - REV 1

As per Jim Clabby, cancel TCL PCB for sample # 4,12,15,19,22,25

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **08194** CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

COC: COMPLETE / INCOMPLETE

Comments

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 8/13/12

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 DATE

E12-08194 0261

REV 03/2009

Laboratory Custody Chronicle

IAL Case No.

E12-08194

Client JMC Environmental Consultants

Project ARSYNCO

Received On 8/13/2012@18:00

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	08194-001	Soil	8/15/12	Archimede	8/23/12	Julia
"	-002	"	8/15/12	Archimede	8/23/12	Julia
"	-003	"	8/15/12	Archimede	8/22/12	Julia
"	-005	"	8/15/12	Archimede	8/22/12	Julia
"	-006	"	8/15/12	Archimede	8/22/12	Julia
"	-007	"	8/15/12	Archimede	8/22/12	Julia
"	-008	"	8/15/12	Archimede	8/22/12	Julia
"	-009	"	8/15/12	Archimede	8/22/12	Julia
"	-010	"	8/15/12	Archimede	8/22/12	Julia
"	-011	"	8/15/12	Archimede	8/22/12	Julia
"	-013	"	8/15/12	Archimede	8/22/12	Julia
"	-014	"	8/15/12	Archimede	8/22/12	Julia
"	-016	"	8/15/12	Archimede	8/22/12	Julia
"	-017	"	8/15/12	Archimede	8/22/12	Julia
"	-018	"	8/15/12	Archimede	8/22/12	Julia
"	-020	"	8/15/12	Archimede	8/22/12	Julia
"	-021	"	8/17/12	Archimede	8/20/12	Julia
"	-023	"	8/17/12	Archimede	8/20/12	Julia
"	-024	"	8/17/12	Archimede	8/20/12	Julia
"	-026	"	8/17/12	Archimede	8/21/12	Julia
"	-027	"	8/17/12	Archimede	8/20/12	Julia
"	-028	"	8/17/12	Archimede	8/20/12	Julia
"	-029	"	8/17/12	Archimede	8/20/12	Julia
"	-030	"	8/17/12	Archimede	8/20/12	Julia
"	-031	"	8/17/12	Archimede	8/21/12	Julia
"	-032	"	8/17/12	Archimede	8/20/12	Julia
"	-033	"	8/17/12	Archimede	8/20/12	Julia
"	-034	"	8/17/12	Archimede	8/20/12	Julia
"	-035	"	8/17/12	Archimede	8/20/12	Julia
"	-036	"	8/17/12	Archimede	8/20/12	Julia
"	-037	"	8/17/12	Archimede	8/20/12	Julia
"	-038	"	8/17/12	Archimede	8/21/12	Julia
"	-039	"	8/17/12	Archimede	8/21/12	Julia
"	-040	"	8/17/12	Archimede	8/20/12	Julia
"	-041	"	8/21/12	Archimede	8/23/12	Julia
"	-042	"	8/21/12	Archimede	8/22/12	Julia
"	-043	"	8/21/12	Archimede	8/22/12	Julia
"	-044	"	8/21/12	Archimede	8/23/12	Julia
"	-045	"	8/21/12	Archimede	8/22/12	Julia
"	-046	"	8/21/12	Archimede	8/22/12	Julia
"	-047	"	8/21/12	Archimede	8/22/12	Julia
"	-048	"	8/21/12	Archimede	8/22/12	Julia
"	-049	"	8/21/12	Archimede	8/23/12	Julia
"	-050	"	8/21/12	Archimede	8/22/12	Julia
"	-051	"	8/21/12	Archimede	8/22/12	Julia
"	-052	"	8/21/12	Archimede	8/22/12	Julia

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Laboratory Custody Chronicle

IAL Case No.

E12-08194

Client JMC Environmental Consultants

Project ARSYNCO

Received On 8/13/2012@18:00

"	-053	"	8/21/12	Archimede	8/22/12	Julia
"	-054	"	8/21/12	Archimede	8/22/12	Julia
"	-055	Aqueous	8/20/12	Archimede	8/23/12	Julia

E12-08194 0263

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