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: **E12-09161**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

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Randolph, NJ 07869
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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.

E12-09161

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/10/2012@16:45

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
09161-001	I-31 (0-2.0)	0/2	9/10/2012@08:47	Soil	1
09161-002	I-31 (2.0-4.0)	2/4	9/10/2012@08:48	Soil	1
09161-003	I-31 (4.0-6.0)	4/6	9/10/2012@08:49	Soil	1
09161-004	H-31 (0-2.0)	0/2	9/10/2012@09:07	Soil	1
09161-005	H-31 (2.0-4.0)	2/4	9/10/2012@09:08	Soil	1
09161-006	H-31 (4.0-5.0)	4/5	9/10/2012@09:09	Soil	1
09161-007	H-31 (5.0-6.0)	5/6	9/10/2012@09:10	Soil	1
09161-008	G-31 (0-2.0)	0/2	9/10/2012@09:38	Soil	1
09161-009	G-31 (2.0-4.0)	2/4	9/10/2012@09:39	Soil	1
09161-010	G-31 (4.0-6.0)	4/6	9/10/2012@09:40	Soil	1
09161-011	G-31 (6.0-7.0)	6/7	9/10/2012@09:41	Soil	1
09161-012	G-31 (7.0-8.0)	7/8	9/10/2012@09:42	Soil	1
09161-013	F-31 (0-2.0)	0/2	9/10/2012@10:20	Soil	1
09161-014	F-31 (2.0-4.0)	2/4	9/10/2012@10:21	Soil	1
09161-015	F-31 (4.0-4.5)	4/4.5	9/10/2012@10:22	Soil	1
09161-016	F-31 (4.5-6.0)	4.5/6	9/10/2012@10:23	Soil	1
09161-017	E-31 (0-2.0)	0/2	9/10/2012@10:50	Soil	1
09161-018	E-31 (2.0-4.0)	2/4	9/10/2012@10:51	Soil	1
09161-019	E-31 (4.0-5.0)	4/5	9/10/2012@10:52	Soil	1
09161-020	E-31 (5.0-6.0)	5/6	9/10/2012@10:53	Soil	1
09161-021	D-31 (0-2.0)	0/2	9/10/2012@11:15	Soil	1
09161-022	D-31 (2.0-4.0)	2/4	9/10/2012@11:16	Soil	1
09161-023	D-31 (4.0-5.0)	4/5	9/10/2012@11:17	Soil	1
09161-024	D-31 (5.0-6.0)	5/6	9/10/2012@11:18	Soil	1
09161-025	C-31 (0-2.0)	0/2	9/10/2012@11:33	Soil	1
09161-026	C-31 (2.0-3.0)	2/3	9/10/2012@11:34	Soil	1
09161-027	C-31 (3.0-4.0)	3/4	9/10/2012@11:35	Soil	1
09161-028	C-31 (4.0-6.0)	4/6	9/10/2012@11:36	Soil	1
09161-029	I-32 (0-2.0)	0/2	9/10/2012@11:49	Soil	1
09161-030	I-32 (2.0-4.0)	2/4	9/10/2012@11:50	Soil	1
09161-031	I-32 (4.0-5.0)	4/5	9/10/2012@11:51	Soil	1
09161-032	I-32 (5.0-5.5)	5/5.5	9/10/2012@11:52	Soil	1
09161-033	I-33 (5.0-6.0)	5/6	9/10/2012@12:07	Soil	1
09161-034	I-33 (6.0-7.0)	6/7	9/10/2012@12:08	Soil	1
09161-035	I-33 (7.0-8.0)	7/8	9/10/2012@12:09	Soil	1
09161-036	I-33 (8.0-9.0)	8/9	9/10/2012@12:10	Soil	1
09161-037	H-36 (5.0-6.0)	5/6	9/10/2012@13:00	Soil	1
09161-038	H-36 (6.0-7.0)	6/7	9/10/2012@13:01	Soil	1
09161-039	H-36 (7.0-8.0)	7/8	9/10/2012@13:02	Soil	1
09161-040	H-36 (8.0-9.0)	8/9	9/10/2012@13:03	Soil	1
09161-041	J-33 (0-2.0)	0/2	9/10/2012@13:22	Soil	1
09161-042	J-33 (2.0-4.0)	2/4	9/10/2012@13:23	Soil	1
09161-043	J-33 (4.0-5.25)	4/5.25	9/10/2012@13:24	Soil	1
09161-044	J-33 (5.25-6.0)	5.25/6	9/10/2012@13:25	Soil	1
09161-045	J-32 (0-2.0)	0/2	9/10/2012@13:45	Soil	1
09161-046	J-32 (2.0-4.0)	2/4	9/10/2012@13:46	Soil	1

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Sample Summary

IAL Case No.

E12-09161

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/10/2012@16:45

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
09161-047	J-32 (4.0-5.0)	4/5	9/10/2012@13:47	Soil	1
09161-048	J-32 (5.0-6.0)	5/6	9/10/2012@13:48	Soil	1
09161-049	I-32 (5.5-6.0)	5.5/6	9/10/2012@11:53	Soil	1
09161-050	M-33 (0-2.0)	0/2	9/10/2012@14:12	Soil	1
09161-051	M-33 (2.0-4.0)	2/4	9/10/2012@14:13	Soil	1
09161-052	M-33 (4.0-5.0)	4/5	9/10/2012@14:14	Soil	1
09161-053	M-33 (5.0-6.0)	5/6	9/10/2012@14:15	Soil	1
09161-054	M-33 (6.0-8.0)	6/8	9/10/2012@14:16	Soil	1
09161-055	M-42 (4.0-5.0)	4/5	9/10/2012@14:52	Soil	1
09161-056	M-42 (5.0-6.0)	5/6	9/10/2012@14:53	Soil	1
09161-057	M-42 (6.0-7.0)	6/7	9/10/2012@14:54	Soil	1
09161-058	FB-39	n/a	9/10/2012@15:10	Aqueous	2

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on October 11, 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-seven (57) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-09161, Project: ARSYNCO) on September 10, 2012 for the analysis of:

(56) 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

10/11/12
Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09161

PCB By 8082

Batch ID: 120914-01	**Matrix: Soil**

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.

E12-09161

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09161

PCB By 8082

Batch ID: 120914-02	**Matrix: Soil**

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.

E12-09161

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Job: E12-09161 (PCB)
  The following sample(s) does not meet the NJ SRS:
  09161-055 needed a 10x dilution for high concentration of 1248

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09161

PCB By 8082

Batch ID: 120913-04	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. diluted out for smpl.# 015; # 033
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery did not meet QC criteria. due to matrix interference
- RPD between MS/MSD did not meet QC criteria.

E12-09161

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09161

PCB By 8082

Batch ID: 120913-09	**Matrix: Aqueous**

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.

E12-09161

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09161

Lab ID:	**09161-058**		
Client ID:	**FB-39**		
Matrix:	**Aqueous**		
Sampled Date	**9/10/12**		
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:	**09161-001**			**09161-002**			**09161-003**			**09161-004**		
Client ID:	**I-31 (0-2.0)**			**I-31 (2.0-4.0)**			**I-31 (4.0-6.0)**			**H-31 (0-2.0)**		
Depth:	**0/2**			**2/4**			**4/6**			**0/2**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**9/10/12**			**9/10/12**			**9/10/12**			**9/10/12**		
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		0.015	ND		0.018	ND		0.016
Aroclor-1221	ND		0.016	ND		0.015	ND		0.018	ND		0.016
Aroclor-1232	ND		0.016	ND		0.015	ND		0.018	ND		0.016
Aroclor-1242	ND		0.016	ND		0.015	ND		0.018	ND		0.016
Aroclor-1248	3.34		0.016	0.071		0.015	ND		0.018	2.50		0.016
Aroclor-1254	ND		0.016	ND		0.015	ND		0.018	ND		0.016
Aroclor-1260	ND		0.016	ND		0.015	ND		0.018	ND		0.016
Aroclor-1262	ND		0.016	ND		0.015	ND		0.018	ND		0.016
Aroclor-1268	ND		0.016	ND		0.015	ND		0.018	ND		0.016
PCBs	3.34		0.016	0.071		0.015	ND		0.018	2.50		0.016

Lab ID:	**09161-005**			**09161-006**			**09161-007**			**09161-008**		
Client ID:	**H-31 (2.0-4.0)**			**H-31 (4.0-5.0)**			**H-31 (5.0-6.0)**			**G-31 (0-2.0)**		
Depth:	**2/4**			**4/5**			**5/6**			**0/2**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**9/10/12**			**9/10/12**			**9/10/12**			**9/10/12**		
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		0.015	ND		0.035	ND		0.017	ND		0.327
Aroclor-1221	ND		0.015	ND		0.035	ND		0.017	ND		0.327
Aroclor-1232	ND		0.015	ND		0.035	ND		0.017	ND		0.327
Aroclor-1242	ND		0.015	ND		0.035	ND		0.017	ND		0.327
Aroclor-1248	0.054		0.015	ND		0.035	ND		0.017	105		0.327
Aroclor-1254	ND		0.015	ND		0.035	ND		0.017	ND		0.327
Aroclor-1260	ND		0.015	ND		0.035	ND		0.017	ND		0.327
Aroclor-1262	ND		0.015	ND		0.035	ND		0.017	ND		0.327
Aroclor-1268	ND		0.015	ND		0.035	ND		0.017	ND		0.327
PCBs	0.054		0.015	ND		0.035	ND		0.017	105		0.327

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09161

Lab ID:	09161-009			09161-010			09161-011			09161-012		
Client ID:	G-31 (2.0-4.0)			G-31 (4.0-6.0)			G-31 (6.0-7.0)			G-31 (7.0-8.0)		
Depth:	2/4			4/6			6/7			7/8		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.020	ND		0.024	ND		0.023	ND		0.017
Aroclor-1221	ND		0.020	ND		0.024	ND		0.023	ND		0.017
Aroclor-1232	ND		0.020	ND		0.024	ND		0.023	ND		0.017
Aroclor-1242	ND		0.020	ND		0.024	ND		0.023	ND		0.017
Aroclor-1248	5.48		0.020	8.79		0.024	ND		0.023	ND		0.017
Aroclor-1254	ND		0.020	ND		0.024	ND		0.023	ND		0.017
Aroclor-1260	ND		0.020	ND		0.024	ND		0.023	ND		0.017
Aroclor-1262	ND		0.020	ND		0.024	ND		0.023	ND		0.017
Aroclor-1268	ND		0.020	ND		0.024	ND		0.023	ND		0.017
PCBs	5.48		0.020	8.79		0.024	ND		0.023	ND		0.017

Lab ID:	09161-013			09161-014			09161-015			09161-016		
Client ID:	F-31 (0-2.0)			F-31 (2.0-4.0)			F-31 (4.0-4.5)			F-31 (4.5-6.0)		
Depth:	0/2			2/4			4/4.5			4.5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.096	ND		0.174	ND		2.40	ND		0.018
Aroclor-1221	ND		0.096	ND		0.174	ND		2.40	ND		0.018
Aroclor-1232	ND		0.096	ND		0.174	ND		2.40	ND		0.018
Aroclor-1242	ND		0.096	ND		0.174	ND		2.40	ND		0.018
Aroclor-1248	19.2		0.096	36.9		0.174	138		2.40	3.30		0.018
Aroclor-1254	ND		0.096	ND		0.174	ND		2.40	ND		0.018
Aroclor-1260	14.2		0.096	ND		0.174	ND		2.40	ND		0.018
Aroclor-1262	ND		0.096	ND		0.174	ND		2.40	ND		0.018
Aroclor-1268	ND		0.096	ND		0.174	ND		2.40	ND		0.018
PCBs	33.4		0.096	36.9		0.174	138		2.40	3.30		0.018

Lab ID:	09161-017			09161-018			09161-019			09161-020		
Client ID:	E-31 (0-2.0)			E-31 (2.0-4.0)			E-31 (4.0-5.0)			E-31 (5.0-6.0)		
Depth:	0/2			2/4			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1221	ND		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1232	ND		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1242	ND		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1248	69.2		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1254	ND		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1260	ND		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1262	ND		0.165	ND		0.023	ND		0.061	ND		0.018
Aroclor-1268	ND		0.165	ND		0.023	ND		0.061	ND		0.018
PCBs	69.2		0.165	ND		0.023	ND		0.061	ND		0.018

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09161

Lab ID:	09161-021			09161-022			09161-023			09161-024		
Client ID:	D-31 (0-2.0)			D-31 (2.0-4.0)			D-31 (4.0-5.0)			D-31 (5.0-6.0)		
Depth:	0/2			2/4			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.188	ND		0.024	ND		0.059	ND		0.019
Aroclor-1221	ND		0.188	ND		0.024	ND		0.059	ND		0.019
Aroclor-1232	ND		0.188	ND		0.024	ND		0.059	ND		0.019
Aroclor-1242	ND		0.188	ND		0.024	ND		0.059	ND		0.019
Aroclor-1248	56.8		0.188	2.29		0.024	ND		0.059	ND		0.019
Aroclor-1254	ND		0.188	ND		0.024	ND		0.059	ND		0.019
Aroclor-1260	ND		0.188	ND		0.024	ND		0.059	ND		0.019
Aroclor-1262	ND		0.188	ND		0.024	ND		0.059	ND		0.019
Aroclor-1268	ND		0.188	ND		0.024	ND		0.059	ND		0.019
PCBs	56.8		0.188	2.29		0.024	ND		0.059	ND		0.019

Lab ID:	09161-025			09161-026			09161-027			09161-028		
Client ID:	C-31 (0-2.0)			C-31 (2.0-3.0)			C-31 (3.0-4.0)			C-31 (4.0-6.0)		
Depth:	0/2			2/3			3/4			4/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.025	ND		0.070	ND		0.018
Aroclor-1221	ND		0.019	ND		0.025	ND		0.070	ND		0.018
Aroclor-1232	ND		0.019	ND		0.025	ND		0.070	ND		0.018
Aroclor-1242	ND		0.019	ND		0.025	ND		0.070	ND		0.018
Aroclor-1248	5.25		0.019	ND		0.025	ND		0.070	ND		0.018
Aroclor-1254	ND		0.019	ND		0.025	ND		0.070	ND		0.018
Aroclor-1260	ND		0.019	ND		0.025	ND		0.070	ND		0.018
Aroclor-1262	ND		0.019	ND		0.025	ND		0.070	ND		0.018
Aroclor-1268	ND		0.019	ND		0.025	ND		0.070	ND		0.018
PCBs	5.25		0.019	ND		0.025	ND		0.070	ND		0.018

Lab ID:	09161-029			09161-030			09161-031			09161-032		
Client ID:	I-32 (0-2.0)			I-32 (2.0-4.0)			I-32 (4.0-5.0)			I-32 (5.0-5.5)		
Depth:	0/2			2/4			4/5			5/5.5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.154	ND		0.017	ND		0.182	ND		0.038
Aroclor-1221	ND		0.154	ND		0.017	ND		0.182	ND		0.038
Aroclor-1232	ND		0.154	ND		0.017	ND		0.182	ND		0.038
Aroclor-1242	ND		0.154	ND		0.017	ND		0.182	ND		0.038
Aroclor-1248	36.9		0.154	0.098		0.017	29.2		0.182	2.75		0.038
Aroclor-1254	ND		0.154	ND		0.017	ND		0.182	ND		0.038
Aroclor-1260	ND		0.154	ND		0.017	ND		0.182	ND		0.038
Aroclor-1262	ND		0.154	ND		0.017	ND		0.182	ND		0.038
Aroclor-1268	ND		0.154	ND		0.017	ND		0.182	ND		0.038
PCBs	36.9		0.154	0.098		0.017	29.2		0.182	2.75		0.038

ND = Analyzed for but Not Detected at the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09161

Lab ID:	09161-033			09161-034			09161-035			09161-036		
Client ID:	I-33 (5.0-6.0)			I-33 (6.0-7.0)			I-33 (7.0-8.0)			I-33 (8.0-9.0)		
Depth:	5/6			6/7			7/8			8/9		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		2.50	ND		0.018	ND		0.021	~		~
Aroclor-1221	ND		2.50	ND		0.018	ND		0.021	~		~
Aroclor-1232	ND		2.50	ND		0.018	ND		0.021	~		~
Aroclor-1242	ND		2.50	ND		0.018	ND		0.021	~		~
Aroclor-1248	256		2.50	ND		0.018	0.047	J	0.021	~		~
Aroclor-1254	ND		2.50	ND		0.018	ND		0.021	~		~
Aroclor-1260	ND		2.50	ND		0.018	0.031	J	0.021	~		~
Aroclor-1262	ND		2.50	ND		0.018	ND		0.021	~		~
Aroclor-1268	ND		2.50	ND		0.018	ND		0.021	~		~
PCBs	256		2.50	ND		0.018	0.077		0.021	~		~

Lab ID:	09161-037			09161-038			09161-039			09161-040		
Client ID:	H-36 (5.0-6.0)			H-36 (6.0-7.0)			H-36 (7.0-8.0)			H-36 (8.0-9.0)		
Depth:	5/6			6/7			7/8			8/9		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1221	ND		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1232	ND		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1242	ND		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1248	132		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1254	ND		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1260	ND		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1262	ND		0.385	ND		0.026	ND		0.046	~		~
Aroclor-1268	ND		0.385	ND		0.026	ND		0.046	~		~
PCBs	132		0.385	ND		0.026	ND		0.046	~		~

Lab ID:	09161-041			09161-042			09161-043			09161-044		
Client ID:	J-33 (0-2.0)			J-33 (2.0-4.0)			J-33 (4.0-5.25)			J-33 (5.25-6.0)		
Depth:	0/2			2/4			4/5.25			5.25/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.032	ND		0.015	ND		0.061	ND		0.020
Aroclor-1221	ND		0.032	ND		0.015	ND		0.061	ND		0.020
Aroclor-1232	ND		0.032	ND		0.015	ND		0.061	ND		0.020
Aroclor-1242	ND		0.032	ND		0.015	ND		0.061	ND		0.020
Aroclor-1248	13.2		0.032	0.237		0.015	1.38		0.061	0.097		0.020
Aroclor-1254	ND		0.032	ND		0.015	ND		0.061	ND		0.020
Aroclor-1260	ND		0.032	ND		0.015	ND		0.061	ND		0.020
Aroclor-1262	ND		0.032	ND		0.015	ND		0.061	ND		0.020
Aroclor-1268	ND		0.032	ND		0.015	ND		0.061	ND		0.020
PCBs	13.2		0.032	0.237		0.015	1.38		0.061	0.097		0.020

ND = Analyzed for but Not Detected at the MDL

J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09161

Lab ID:	09161-045			09161-046			09161-047			09161-048		
Client ID:	J-32 (0-2.0)			J-32 (2.0-4.0)			J-32 (4.0-5.0)			J-32 (5.0-6.0)		
Depth:	0/2			2/4			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.017	ND		0.018	ND		0.020
Aroclor-1221	ND		0.016	ND		0.017	ND		0.018	ND		0.020
Aroclor-1232	ND		0.016	ND		0.017	ND		0.018	ND		0.020
Aroclor-1242	ND		0.016	ND		0.017	ND		0.018	ND		0.020
Aroclor-1248	0.617		0.016	ND		0.017	0.121		0.018	ND		0.020
Aroclor-1254	ND		0.016	ND		0.017	ND		0.018	ND		0.020
Aroclor-1260	ND		0.016	ND		0.017	ND		0.018	ND		0.020
Aroclor-1262	ND		0.016	ND		0.017	ND		0.018	ND		0.020
Aroclor-1268	ND		0.016	ND		0.017	ND		0.018	ND		0.020
PCBs	0.617		0.016	ND		0.017	0.121		0.018	ND		0.020

Lab ID:	09161-049			09161-050			09161-051			09161-052		
Client ID:	I-32 (5.5-6.0)			M-33 (0-2.0)			M-33 (2.0-4.0)			M-33 (4.0-5.0)		
Depth:	5.5/6			0/2			2/4			4/5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.017	ND		0.016	ND		0.017
Aroclor-1221	ND		0.021	ND		0.017	ND		0.016	ND		0.017
Aroclor-1232	ND		0.021	ND		0.017	ND		0.016	ND		0.017
Aroclor-1242	ND		0.021	ND		0.017	ND		0.016	ND		0.017
Aroclor-1248	0.182		0.021	1.71		0.017	ND		0.016	ND		0.017
Aroclor-1254	ND		0.021	ND		0.017	ND		0.016	ND		0.017
Aroclor-1260	ND		0.021	ND		0.017	ND		0.016	ND		0.017
Aroclor-1262	ND		0.021	ND		0.017	ND		0.016	ND		0.017
Aroclor-1268	ND		0.021	ND		0.017	ND		0.016	ND		0.017
PCBs	0.182		0.021	1.71		0.017	ND		0.016	ND		0.017

Lab ID:	09161-053			09161-054			09161-055			09161-056		
Client ID:	M-33 (5.0-6.0)			M-33 (6.0-8.0)			M-42 (4.0-5.0)			M-42 (5.0-6.0)		
Depth:	5/6			6/8			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/10/12			9/10/12			9/10/12			9/10/12		
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		0.060	ND		0.020	ND		0.175	ND		0.050
Aroclor-1221	ND		0.060	ND		0.020	ND		0.175	ND		0.050
Aroclor-1232	ND		0.060	ND		0.020	ND		0.175	ND		0.050
Aroclor-1242	ND		0.060	ND		0.020	ND		0.175	ND		0.050
Aroclor-1248	ND		0.060	ND		0.020	39.3		0.175	11.5		0.050
Aroclor-1254	ND		0.060	ND		0.020	ND		0.175	ND		0.050
Aroclor-1260	ND		0.060	ND		0.020	ND		0.175	ND		0.050
Aroclor-1262	ND		0.060	ND		0.020	ND		0.175	ND		0.050
Aroclor-1268	ND		0.060	ND		0.020	ND		0.175	ND		0.050
PCBs	ND		0.060	ND		0.020	39.3		0.175	11.5		0.050

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

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09161

Lab ID:	**09161-057**		
Client ID:	**M-42 (6.0-7.0)**		
Depth:	**6/7**		
Matrix:	**Soil**		
Sampled Date	**9/10/12**		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019
Aroclor-1221	ND		0.019
Aroclor-1232	ND		0.019
Aroclor-1242	ND		0.019
Aroclor-1248	ND		0.019
Aroclor-1254	ND		0.019
Aroclor-1260	ND		0.019
Aroclor-1262	ND		0.019
Aroclor-1268	ND		0.019
PCBs	ND		0.019

ND = Analyzed for but Not Detected at the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-001
Client ID: I-31_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1719.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.39g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 5.40

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	3.34		0.039	0.016
Aroclor-1254	ND		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	3.34		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-002
Client ID: I-31_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1720.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.94g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.10

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.037	0.015
Aroclor-1221	ND		0.037	0.015
Aroclor-1232	ND		0.037	0.015
Aroclor-1242	ND		0.037	0.015
Aroclor-1248	0.071		0.037	0.015
Aroclor-1254	ND		0.037	0.015
Aroclor-1260	ND		0.037	0.015
Aroclor-1262	ND		0.037	0.015
Aroclor-1268	ND		0.037	0.015
PCBs	0.071		0.037	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-003
Client ID: I-31_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1721.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.75g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.9

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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-004
Client ID: H-31_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1722.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.20

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	2.50		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	2.50		0.040	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-005
Client ID: H-31_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1723.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.68g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.10

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	0.054		0.038	0.015
Aroclor-1254	ND		0.038	0.015
Aroclor-1260	ND		0.038	0.015
Aroclor-1262	ND		0.038	0.015
Aroclor-1268	ND		0.038	0.015
PCBs	0.054		0.038	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-006
Client ID: H-31_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1724.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 56.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.088	0.035
Aroclor-1221	ND		0.088	0.035
Aroclor-1232	ND		0.088	0.035
Aroclor-1242	ND		0.088	0.035
Aroclor-1248	ND		0.088	0.035
Aroclor-1254	ND		0.088	0.035
Aroclor-1260	ND		0.088	0.035
Aroclor-1262	ND		0.088	0.035
Aroclor-1268	ND		0.088	0.035
PCBs	ND		0.088	0.035

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-007
Client ID: H-31_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1725.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.79g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.5

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: 09161-008
Client ID: G-31_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1769.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.45g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 10.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.818	0.327
Aroclor-1221	ND		0.818	0.327
Aroclor-1232	ND		0.818	0.327
Aroclor-1242	ND		0.818	0.327
Aroclor-1248	105		0.818	0.327
Aroclor-1254	ND		0.818	0.327
Aroclor-1260	ND		0.818	0.327
Aroclor-1262	ND		0.818	0.327
Aroclor-1268	ND		0.818	0.327
PCBs	105		0.818	0.327

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-009
Client ID: G-31_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1727.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.9

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	5.48		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	5.48		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-010
Client ID: G-31_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1728.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.07g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 33.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.059	0.024
Aroclor-1221	ND		0.059	0.024
Aroclor-1232	ND		0.059	0.024
Aroclor-1242	ND		0.059	0.024
Aroclor-1248	8.79		0.059	0.024
Aroclor-1254	ND		0.059	0.024
Aroclor-1260	ND		0.059	0.024
Aroclor-1262	ND		0.059	0.024
Aroclor-1268	ND		0.059	0.024
PCBs	8.79		0.059	0.024

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-011
Client ID: G-31_(6.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1729.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.29g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 34.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.058	0.023
Aroclor-1221	ND		0.058	0.023
Aroclor-1232	ND		0.058	0.023
Aroclor-1242	ND		0.058	0.023
Aroclor-1248	ND		0.058	0.023
Aroclor-1254	ND		0.058	0.023
Aroclor-1260	ND		0.058	0.023
Aroclor-1262	ND		0.058	0.023
Aroclor-1268	ND		0.058	0.023
PCBs	ND		0.058	0.023

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-012
Client ID: G-31_(7.0-
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1730.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.91g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.2

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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-013
Client ID: F-31_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1770.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 5
% Moisture: 24.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.240	0.096
Aroclor-1221	ND		0.240	0.096
Aroclor-1232	ND		0.240	0.096
Aroclor-1242	ND		0.240	0.096
Aroclor-1248	19.2		0.240	0.096
Aroclor-1254	ND		0.240	0.096
Aroclor-1260	14.2		0.240	0.096
Aroclor-1262	ND		0.240	0.096
Aroclor-1268	ND		0.240	0.096
PCBs	33.4		0.240	0.096

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-014
Client ID: F-31_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/14/2012
Data file: Y1764.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 12.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.435	0.174
Aroclor-1221	ND		0.435	0.174
Aroclor-1232	ND		0.435	0.174
Aroclor-1242	ND		0.435	0.174
Aroclor-1248	36.9		0.435	0.174
Aroclor-1254	ND		0.435	0.174
Aroclor-1260	ND		0.435	0.174
Aroclor-1262	ND		0.435	0.174
Aroclor-1268	ND		0.435	0.174
PCBs	36.9		0.435	0.174

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-015
Client ID: F-31_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1687.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.86g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 43.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.00	2.40
Aroclor-1221	ND		6.00	2.40
Aroclor-1232	ND		6.00	2.40
Aroclor-1242	ND		6.00	2.40
Aroclor-1248	138		6.00	2.40
Aroclor-1254	ND		6.00	2.40
Aroclor-1260	ND		6.00	2.40
Aroclor-1262	ND		6.00	2.40
Aroclor-1268	ND		6.00	2.40
PCBs	138		6.00	2.40

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-016
Client ID: F-31_(4.5-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1688.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.72g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.1

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	3.30		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	3.30		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-017
Client ID: E-31_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/17/2012
Data file: Y1774.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.99g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 19.1

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	69.2		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	69.2		0.413	0.165

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-018
Client ID: E-31_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1690.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.36g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 34.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.057	0.023
Aroclor-1221	ND		0.057	0.023
Aroclor-1232	ND		0.057	0.023
Aroclor-1242	ND		0.057	0.023
Aroclor-1248	ND		0.057	0.023
Aroclor-1254	ND		0.057	0.023
Aroclor-1260	ND		0.057	0.023
Aroclor-1262	ND		0.057	0.023
Aroclor-1268	ND		0.057	0.023
PCBs	ND		0.057	0.023

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-019
Client ID: E-31_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1691.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.02g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.0

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: 09161-020
Client ID: E-31_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1692.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.63g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.7

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	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-021
Client ID: D-31_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/14/2012
Data file: Y1765.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.46g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 22.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.470	0.188
Aroclor-1221	ND		0.470	0.188
Aroclor-1232	ND		0.470	0.188
Aroclor-1242	ND		0.470	0.188
Aroclor-1248	56.8		0.470	0.188
Aroclor-1254	ND		0.470	0.188
Aroclor-1260	ND		0.470	0.188
Aroclor-1262	ND		0.470	0.188
Aroclor-1268	ND		0.470	0.188
PCBs	56.8		0.470	0.188

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-022
Client ID: D-31_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1694.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 37.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.061	0.024
Aroclor-1221	ND		0.061	0.024
Aroclor-1232	ND		0.061	0.024
Aroclor-1242	ND		0.061	0.024
Aroclor-1248	2.29		0.061	0.024
Aroclor-1254	ND		0.061	0.024
Aroclor-1260	ND		0.061	0.024
Aroclor-1262	ND		0.061	0.024
Aroclor-1268	ND		0.061	0.024
PCBs	2.29		0.061	0.024

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-023
Client ID: D-31_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1695.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.3

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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-024
Client ID: D-31_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1696.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.56g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.6

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: 09161-025
Client ID: C-31_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1697.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	5.25		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	5.25		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-026
Client ID: C-31_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1698.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 39.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.063	0.025
Aroclor-1221	ND		0.063	0.025
Aroclor-1232	ND		0.063	0.025
Aroclor-1242	ND		0.063	0.025
Aroclor-1248	ND		0.063	0.025
Aroclor-1254	ND		0.063	0.025
Aroclor-1260	ND		0.063	0.025
Aroclor-1262	ND		0.063	0.025
Aroclor-1268	ND		0.063	0.025
PCBs	ND		0.063	0.025

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-027
Client ID: C-31_(3.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1699.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 77.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.175	0.070
Aroclor-1221	ND		0.175	0.070
Aroclor-1232	ND		0.175	0.070
Aroclor-1242	ND		0.175	0.070
Aroclor-1248	ND		0.175	0.070
Aroclor-1254	ND		0.175	0.070
Aroclor-1260	ND		0.175	0.070
Aroclor-1262	ND		0.175	0.070
Aroclor-1268	ND		0.175	0.070
PCBs	ND		0.175	0.070

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-028
Client ID: C-31_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1700.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 19.0

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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-029
Client ID: I-32_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/14/2012
Data file: Y1766.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.61g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 7.30

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.385	0.154
Aroclor-1221	ND		0.385	0.154
Aroclor-1232	ND		0.385	0.154
Aroclor-1242	ND		0.385	0.154
Aroclor-1248	36.9		0.385	0.154
Aroclor-1254	ND		0.385	0.154
Aroclor-1260	ND		0.385	0.154
Aroclor-1262	ND		0.385	0.154
Aroclor-1268	ND		0.385	0.154
PCBs	36.9		0.385	0.154

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-030
Client ID: I-32_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1702.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.40

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	0.098		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	0.098		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-031
Client ID: I-32_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/14/2012
Data file: Y1767.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.89g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 25.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.455	0.182
Aroclor-1221	ND		0.455	0.182
Aroclor-1232	ND		0.455	0.182
Aroclor-1242	ND		0.455	0.182
Aroclor-1248	29.2		0.455	0.182
Aroclor-1254	ND		0.455	0.182
Aroclor-1260	ND		0.455	0.182
Aroclor-1262	ND		0.455	0.182
Aroclor-1268	ND		0.455	0.182
PCBs	29.2		0.455	0.182

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-032
Client ID: I-32_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/14/2012
Data file: Y1704.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.57g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 61.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.094	0.038
Aroclor-1221	ND		0.094	0.038
Aroclor-1232	ND		0.094	0.038
Aroclor-1242	ND		0.094	0.038
Aroclor-1248	2.75		0.094	0.038
Aroclor-1254	ND		0.094	0.038
Aroclor-1260	ND		0.094	0.038
Aroclor-1262	ND		0.094	0.038
Aroclor-1268	ND		0.094	0.038
PCBs	2.75		0.094	0.038

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-033
Client ID: I-33_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/17/2012
Data file: Y1773.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.29g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 39.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		6.25	2.50
Aroclor-1221	ND		6.25	2.50
Aroclor-1232	ND		6.25	2.50
Aroclor-1242	ND		6.25	2.50
Aroclor-1248	256		6.25	2.50
Aroclor-1254	ND		6.25	2.50
Aroclor-1260	ND		6.25	2.50
Aroclor-1262	ND		6.25	2.50
Aroclor-1268	ND		6.25	2.50
PCBs	256		6.25	2.50

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-034
Client ID: I-33_(6.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3742.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.5

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	ND		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	ND		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-035
Client ID: I-33_(7.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3743.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.04g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.5

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	0.047	J	0.053	0.021
Aroclor-1254	ND		0.053	0.021
Aroclor-1260	0.031	J	0.053	0.021
Aroclor-1262	ND		0.053	0.021
Aroclor-1268	ND		0.053	0.021
PCBs	0.077		0.053	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-036
Client ID: I-33_(8.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3744.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.34g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 13.8

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: 09161-037
Client ID: H-36_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3788.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.73g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 20
% Moisture: 27.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.962	0.385
Aroclor-1221	ND		0.962	0.385
Aroclor-1232	ND		0.962	0.385
Aroclor-1242	ND		0.962	0.385
Aroclor-1248	132		0.962	0.385
Aroclor-1254	ND		0.962	0.385
Aroclor-1260	ND		0.962	0.385
Aroclor-1262	ND		0.962	0.385
Aroclor-1268	ND		0.962	0.385
PCBs	132		0.962	0.385

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-038
Client ID: H-36_(6.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3746.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.80g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 46.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.064	0.026
Aroclor-1221	ND		0.064	0.026
Aroclor-1232	ND		0.064	0.026
Aroclor-1242	ND		0.064	0.026
Aroclor-1248	ND		0.064	0.026
Aroclor-1254	ND		0.064	0.026
Aroclor-1260	ND		0.064	0.026
Aroclor-1262	ND		0.064	0.026
Aroclor-1268	ND		0.064	0.026
PCBs	ND		0.064	0.026

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-039
Client ID: H-36_(7.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3747.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.11g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 66.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.115	0.046
Aroclor-1221	ND		0.115	0.046
Aroclor-1232	ND		0.115	0.046
Aroclor-1242	ND		0.115	0.046
Aroclor-1248	ND		0.115	0.046
Aroclor-1254	ND		0.115	0.046
Aroclor-1260	ND		0.115	0.046
Aroclor-1262	ND		0.115	0.046
Aroclor-1268	ND		0.115	0.046
PCBs	ND		0.115	0.046

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-040
Client ID: H-36_(8.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3748.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.37g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.3

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	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: 09161-041
Client ID: J-33_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3787.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.31g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 5.40

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.080	0.032
Aroclor-1221	ND		0.080	0.032
Aroclor-1232	ND		0.080	0.032
Aroclor-1242	ND		0.080	0.032
Aroclor-1248	13.2		0.080	0.032
Aroclor-1254	ND		0.080	0.032
Aroclor-1260	ND		0.080	0.032
Aroclor-1262	ND		0.080	0.032
Aroclor-1268	ND		0.080	0.032
PCBs	13.2		0.080	0.032

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-042
Client ID: J-33_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3750.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.81g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 7.20

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.037	0.015
Aroclor-1221	ND		0.037	0.015
Aroclor-1232	ND		0.037	0.015
Aroclor-1242	ND		0.037	0.015
Aroclor-1248	0.237		0.037	0.015
Aroclor-1254	ND		0.037	0.015
Aroclor-1260	ND		0.037	0.015
Aroclor-1262	ND		0.037	0.015
Aroclor-1268	ND		0.037	0.015
PCBs	0.237		0.037	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-043
Client ID: J-33_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3751.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.3

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	1.38		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	1.38		0.153	0.061

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-044
Client ID: J-33_(5.25
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3752.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 27.6

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	0.097		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	0.097		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-045
Client ID: J-32_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3753.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 8.00

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	0.617		0.039	0.016
Aroclor-1254	ND		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	0.617		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-046
Client ID: J-32_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3754.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 6.20

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	ND		0.042	0.017
Aroclor-1254	ND		0.042	0.017
Aroclor-1260	ND		0.042	0.017
Aroclor-1262	ND		0.042	0.017
Aroclor-1268	ND		0.042	0.017
PCBs	ND		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-047
Client ID: J-32_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3755.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.14g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 12.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	0.121		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.121		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-048
Client ID: J-32_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3756.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.29g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 23.2

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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-049
Client ID: I-32_(5.5-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3757.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 27.3

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	0.182		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	0.182		0.053	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-050
Client ID: M-33_(0-2.
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3758.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.28g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 9.60

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	1.71		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	1.71		0.042	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-051
Client ID: M-33_(2.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3759.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.81g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 14.2

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

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-052
Client ID: M-33_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3760.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.43g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.017
Aroclor-1221	ND		0.041	0.017
Aroclor-1232	ND		0.041	0.017
Aroclor-1242	ND		0.041	0.017
Aroclor-1248	ND		0.041	0.017
Aroclor-1254	ND		0.041	0.017
Aroclor-1260	ND		0.041	0.017
Aroclor-1262	ND		0.041	0.017
Aroclor-1268	ND		0.041	0.017
PCBs	ND		0.041	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-053
Client ID: M-33_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3761.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.10g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.151	0.060
Aroclor-1221	ND		0.151	0.060
Aroclor-1232	ND		0.151	0.060
Aroclor-1242	ND		0.151	0.060
Aroclor-1248	ND		0.151	0.060
Aroclor-1254	ND		0.151	0.060
Aroclor-1260	ND		0.151	0.060
Aroclor-1262	ND		0.151	0.060
Aroclor-1268	ND		0.151	0.060
PCBs	ND		0.151	0.060

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-054
Client ID: M-33_(6.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1778.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.53g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 27.6

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: 09161-055
Client ID: M-42_(4.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1829.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.44g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 15.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.437	0.175
Aroclor-1221	ND		0.437	0.175
Aroclor-1232	ND		0.437	0.175
Aroclor-1242	ND		0.437	0.175
Aroclor-1248	39.3		0.437	0.175
Aroclor-1254	ND		0.437	0.175
Aroclor-1260	ND		0.437	0.175
Aroclor-1262	ND		0.437	0.175
Aroclor-1268	ND		0.437	0.175
PCBs	39.3		0.437	0.175

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-056
Client ID: M-42_(5.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1780.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 69.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.124	0.050
Aroclor-1221	ND		0.124	0.050
Aroclor-1232	ND		0.124	0.050
Aroclor-1242	ND		0.124	0.050
Aroclor-1248	11.5		0.124	0.050
Aroclor-1254	ND		0.124	0.050
Aroclor-1260	ND		0.124	0.050
Aroclor-1262	ND		0.124	0.050
Aroclor-1268	ND		0.124	0.050
PCBs	11.5		0.124	0.050

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09161-057
Client ID: M-42_(6.0-
Date Received: 09/10/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1781.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.9

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: 09161-058
Client ID: FB-39
Date Received: 09/10/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/15/2012
Data file: R3778.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: 09/13/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120913-04	SOIL	115		99		128		103	
F-31_(4.0-	09161-015	SOIL	D		D		D		D	
F-31_(4.5-	09161-016	SOIL	111		111		130		110	
E-31_(2.0-	09161-018	SOIL	112		113		147		117	
E-31_(4.0-	09161-019	SOIL	141		130		159		135	
E-31_(5.0-	09161-020	SOIL	120		112		135		107	
D-31_(2.0-	09161-022	SOIL	111		120		141		120	
D-31_(4.0-	09161-023	SOIL	146		124		161		130	
D-31_(5.0-	09161-024	SOIL	122		110		137		107	
C-31_(0-2.	09161-025	SOIL	92		105		127		113	
C-31_(2.0-	09161-026	SOIL	129		111		151		159	
C-31_(3.0-	09161-027	SOIL	152		120		160		115	
C-31_(4.0-	09161-028	SOIL	123		113		139		109	
I-32_(2.0-	09161-030	SOIL	116		101		129		108	
I-32_(5.0-	09161-032	SOIL	144		151		161		143	
PCB	09161-033MS	SOIL	128		130		156		133	
PCB	09161-033MSD	SOIL	129		130		159		140	
PCB	LCSS120913-04	SOIL	118		129		130		139	
F-31_(2.0-	09161-014	SOIL	130		120		148		99	
D-31_(0-2.	09161-021	SOIL	125		118		144		103	
I-32_(0-2.	09161-029	SOIL	121		145		137		102	
I-32_(4.0-	09161-031	SOIL	129		126		147		111	
I-33_(5.0-	09161-033	SOIL	D		D		D		D	
E-31_(0-2.	09161-017	SOIL	141		117		134		86	

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: 09/14/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120912-06	SOIL	117		124		130		128	
J-42_(2.0-	09128-008	SOIL	73		112		119		97	
H-38_(0-2.	09128-009	SOIL	122		135		157		136	
H-38_(2.0-	09128-010	SOIL	124		116		140		117	
G-37_(0-2.	09128-011	SOIL	80		119		124		138	
G-37_(2.0-	09128-012	SOIL	128		109		150		155	
C-32_(0-2.	09128-013	SOIL	101		119		134		122	
C-32_(2.0-	09128-014	SOIL	102		101		127		165	
I-31_(0-2.	09161-001	SOIL	112		102		124		125	
I-31_(2.0-	09161-002	SOIL	116		117		128		111	
I-31_(4.0-	09161-003	SOIL	123		125		135		120	
H-31_(0-2.	09161-004	SOIL	115		112		127		133	
H-31_(2.0-	09161-005	SOIL	117		118		127		132	
H-31_(4.0-	09161-006	SOIL	118		154		159		129	
H-31_(5.0-	09161-007	SOIL	125		110		138		130	
G-31_(2.0-	09161-009	SOIL	114		116		133		141	
G-31_(4.0-	09161-010	SOIL	115		128		133		120	
G-31_(6.0-	09161-011	SOIL	123		132		143		129	
G-31_(7.0-	09161-012	SOIL	125		111		139		115	
PCB	09161-013MS	SOIL	103		119		124		118	
PCB	09161-013MSD	SOIL	103		115		123		116	
PCB	LCSS120912-06	SOIL	115		137		125		135	
G-31_(0-2.	09161-008	SOIL	110		112		130		92	
F-31_(0-2.	09161-013	SOIL	126		120		141		99	

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: 09/14/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120913-09	AQUEOUS	111		110		96		110	
FB-37	09052-021	AQUEOUS	98		92		89		104	
FB090612	09126-021	AQUEOUS	98		90		88		120	
MW-1	09127-001	AQUEOUS	46		78		44		109	
MW-2	09127-002	AQUEOUS	46		84		41		102	
MW-3	09127-003	AQUEOUS	48		95		51		94	
MW-5	09127-005	AQUEOUS	72		104		71		121	
MW-16	09127-016	AQUEOUS	41		84		44		81	
MW-17	09127-017	AQUEOUS	62		80		68		98	
MW-21	09127-021	AQUEOUS	69		101		68		97	
FB-38	09128-015	AQUEOUS	102		103		95		115	
FB-39	09161-058	AQUEOUS	98		98		93		105	
FB-40	09199-054	AQUEOUS	106		93		97		131	
FB-41	09240-062	AQUEOUS	97		75		91		95	
PCB	09127-002MS	AQUEOUS	45		70		43		84	
PCB	09127-002MSD	AQUEOUS	44		94		41		83	
PCB	LCSA120913-09	AQUEOUS	120		113		112		144	

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: 09/14/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120914-01	SOIL	133		127		114		131	
I-33_(6.0-	09161-034	SOIL	144		153		120		147	
I-33_(7.0-	09161-035	SOIL	135		149		119		146	
I-33_(8.0-	09161-036	SOIL	128		120		112		138	
H-36_(6.0-	09161-038	SOIL	126		124		129		134	
H-36_(7.0-	09161-039	SOIL	137		128		135		152	
H-36_(8.0-	09161-040	SOIL	126		131		114		150	
J-33_(2.0-	09161-042	SOIL	122		126		113		132	
J-33_(4.0-	09161-043	SOIL	135		142		142		164	
J-33_(5.25	09161-044	SOIL	130		118		121		140	
J-32_(0-2.	09161-045	SOIL	120		123		113		135	
J-32_(2.0-	09161-046	SOIL	125		130		114		139	
J-32_(4.0-	09161-047	SOIL	129		140		118		143	
J-32_(5.0-	09161-048	SOIL	135		142		126		155	
I-32_(5.5-	09161-049	SOIL	145		134		138		158	
M-33_(0-2.	09161-050	SOIL	79		76		86		106	
M-33_(2.0-	09161-051	SOIL	92		95		100		131	
M-33_(4.0-	09161-052	SOIL	117		99		114		117	
M-33_(5.0-	09161-053	SOIL	158		135		162		157	
PCB	09161-052MS	SOIL	124		120		120		135	
PCB	09161-052MSD	SOIL	118		119		114		127	
PCB	LCSS120914-01	SOIL	130		148		117		133	
J-33_(0-2.	09161-041	SOIL	129		112		124		126	
H-36_(5.0-	09161-037	SOIL	144		112		150		140	

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: 09/17/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120914-02	SOIL	117		94		107		69	
M-33_(6.0-	09161-054	SOIL	117		87		107		72	
M-42_(5.0-	09161-056	SOIL	101		105		118		102	
M-42_(6.0-	09161-057	SOIL	108		87		105		85	
M-12_(0-2.	09199-001	SOIL	99		87		101		76	
M-12_(5.0-	09199-004	SOIL	111		102		108		81	
M-13_(2.0-	09199-006	SOIL	97		97		106		83	
M-13_(5.25	09199-008	SOIL	112		106		109		88	
M-14_(2.0-	09199-010	SOIL	91		92		107		87	
M-14_(5.25	09199-012	SOIL	109		100		109		81	
M-15_(2.0-	09199-014	SOIL	106		96		110		85	
M-15_(5.0-	09199-016	SOIL	108		101		110		82	
PCB	09199-016MS	SOIL	110		106		111		85	
PCB	09199-016MSD	SOIL	112		105		111		83	
M-42_(4.0-	09161-055	SOIL	113		95		115		74	
M-12_(2.0-	09199-002	SOIL	64		87		107		85	
M-12_(4.0-	09199-003	SOIL	134		110		141		104	
M-13_(0-2.	09199-005	SOIL	81		70		94		60	
M-13_(4.0-	09199-007	SOIL	123		110		128		98	
M-14_(0-2.	09199-009	SOIL	102		90		113		81	
M-14_(4.0-	09199-011	SOIL	128		117		133		98	
M-15_(0-2.	09199-013	SOIL	45		82		101		132	
M-15_(4.0-	09199-015	SOIL	140		129		148		125	
PCB	LCSS120914-02	SOIL	119		117		124		91	

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: 09/17/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120914-02	SOIL	117		94		107		69	
M-33_(6.0-	09161-054	SOIL	117		87		107		72	
M-42_(5.0-	09161-056	SOIL	101		105		118		102	
M-42_(6.0-	09161-057	SOIL	108		87		105		85	
M-12_(0-2.	09199-001	SOIL	99		87		101		76	
M-12_(5.0-	09199-004	SOIL	111		102		108		81	
M-13_(2.0-	09199-006	SOIL	97		97		106		83	
M-13_(5.25	09199-008	SOIL	112		106		109		88	
M-14_(2.0-	09199-010	SOIL	91		92		107		87	
M-14_(5.25	09199-012	SOIL	109		100		109		81	
M-15_(2.0-	09199-014	SOIL	106		96		110		85	
M-15_(5.0-	09199-016	SOIL	108		101		110		82	
PCB	09199-016MS	SOIL	110		106		111		85	
PCB	09199-016MSD	SOIL	112		105		111		83	
M-42_(4.0-	09161-055	SOIL	113		95		115		74	
M-12_(2.0-	09199-002	SOIL	64		87		107		85	
M-12_(4.0-	09199-003	SOIL	134		110		141		104	
M-13_(0-2.	09199-005	SOIL	81		70		94		60	
M-13_(4.0-	09199-007	SOIL	123		110		128		98	
M-14_(0-2.	09199-009	SOIL	102		90		113		81	
M-14_(4.0-	09199-011	SOIL	128		117		133		98	
M-15_(0-2.	09199-013	SOIL	45		82		101		132	
M-15_(4.0-	09199-015	SOIL	140		129		148		125	
PCB	LCSS120914-02	SOIL	119		117		124		91	

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: LCSS120913-04

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	576.7	115	40 - 140
Aroclor-1260	500.0	0.0	548.5	110	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: LCSS120912-06

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	547.5	110	40 - 140
Aroclor-1260	500.0	0.0	558.5	112	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: LCSA120913-09

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	519.0	104	40 - 140
Aroclor-1260	500.0	0.0	480.6	96	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: LCSS120914-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	662.3	132	40 - 140
Aroclor-1260	500.0	0.0	694.7	139	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: LCSS120914-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	662.3	132	40 - 140
Aroclor-1260	500.0	0.0	694.7	139	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: LCSS120914-01

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	540.6	108	40 - 140
Aroclor-1260	500.0	0.0	520.2	104	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: 09161-033

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC	#	QC LIMITS REC.
Aroclor-1016	500.0	0.0	29264.9	5853	*	40 - 140
Aroclor-1260	500.0	0.0	972.4	194	*	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	33230.7	*	6646	13		50	40 - 140
Aroclor-1260	0.0	1029.4	*	206	6		50	40 - 140

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

RPD: __0___ out of __2__ outside limits

Spike Recovery: __4___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09161-013

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC	#	QC LIMITS REC.
Aroclor-1016	500.0	0.0	1438.6	288	*	40 - 140
Aroclor-1260	500.0	591.9	2837.0	449	*	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	1391.1	*	278	4		50	40 - 140
Aroclor-1260	591.9	2616.6	*	405	10		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: __4___ out of __4__ outside limits

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09127-002

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	232.6	47	40 - 140
Aroclor-1260	500.0	0.0	446.0	89	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	285.5	57	19	50	40 - 140
Aroclor-1260	0.0	417.5	84	6	50	40 - 140

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

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09199-016

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	655.4	131	40 - 140
Aroclor-1260	500.0	0.0	628.4	126	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	646.4	129	2	50	40 - 140
Aroclor-1260	0.0	653.2	131	4	50	40 - 140

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

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09199-016

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	655.4	131	40 - 140
Aroclor-1260	500.0	0.0	628.4	126	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	MSD % # REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	646.4	129	2	50	40 - 140
Aroclor-1260	0.0	653.2	131	4	50	40 - 140

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

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09161-052

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	552.7	111	40 - 140
Aroclor-1260	500.0	0.0	483.3	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	523.0	105	6	50	40 - 140
Aroclor-1260	0.0	472.6	95	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: Y1685.D

Instrument ID: GC-Y

Date Extracted: 09/13/2012

Matrix: SOIL

Date Analyzed: 09/13/2012

Time Analyzed: 18:39

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
F-31_(4.0-	09161-015	09/13/2012	19:13
F-31_(4.5-	09161-016	09/13/2012	19:30
E-31_(2.0-	09161-018	09/13/2012	20:05
E-31_(4.0-	09161-019	09/13/2012	20:22
E-31_(5.0-	09161-020	09/13/2012	20:39
D-31_(2.0-	09161-022	09/13/2012	21:13
D-31_(4.0-	09161-023	09/13/2012	21:31
D-31_(5.0-	09161-024	09/13/2012	21:48
C-31_(0-2.	09161-025	09/13/2012	22:05
C-31_(2.0-	09161-026	09/13/2012	22:22
C-31_(3.0-	09161-027	09/13/2012	22:40
C-31_(4.0-	09161-028	09/13/2012	22:57
I-32_(2.0-	09161-030	09/13/2012	23:31
I-32_(5.0-	09161-032	09/14/2012	00:05
PCB	09161-033MS	09/14/2012	00:40
PCB	09161-033MSD	09/14/2012	00:57
PCB	LCSS120913-04	09/14/2012	01:14
F-31_(2.0-	09161-014	09/14/2012	18:11
D-31_(0-2.	09161-021	09/14/2012	18:28
I-32_(0-2.	09161-029	09/14/2012	18:45
I-32_(4.0-	09161-031	09/14/2012	19:03
I-33_(5.0-	09161-033	09/17/2012	10:32
E-31_(0-2.	09161-017	09/17/2012	11:20

PCB METHOD BLANK SUMMARY

Lab File ID: R3767.D

Instrument ID: GC-R

Date Extracted: 09/13/2012

Matrix: AQUEOUS

Date Analyzed: 09/14/2012

Time Analyzed: 22:32

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB-37	09052-021	09/14/2012	22:49
FB090612	09126-021	09/14/2012	23:06
MW-1	09127-001	09/14/2012	23:24
MW-2	09127-002	09/14/2012	23:41
MW-3	09127-003	09/14/2012	23:59
MW-5	09127-005	09/15/2012	00:16
MW-16	09127-016	09/15/2012	00:33
MW-17	09127-017	09/15/2012	00:51
MW-21	09127-021	09/15/2012	01:08
FB-38	09128-015	09/15/2012	01:25
FB-39	09161-058	09/15/2012	01:43
FB-40	09199-054	09/15/2012	02:00
FB-41	09240-062	09/15/2012	02:18
PCB	09127-002MS	09/15/2012	02:35
PCB	09127-002MSD	09/15/2012	02:52
PCB	LCSA120913-09	09/15/2012	03:10

PCB METHOD BLANK SUMMARY

Lab File ID: Y1777.D

Instrument ID: GC-Y

Date Extracted: 09/14/2012

Matrix: SOIL

Date Analyzed: 09/17/2012

Time Analyzed: 12:55

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
M-33_(6.0-	09161-054	09/17/2012	13:52
M-42_(5.0-	09161-056	09/17/2012	14:27
M-42_(6.0-	09161-057	09/17/2012	14:44
M-12_(0-2.	09199-001	09/17/2012	15:01
M-12_(5.0-	09199-004	09/17/2012	15:53
M-13_(2.0-	09199-006	09/17/2012	16:27
M-13_(5.25	09199-008	09/17/2012	17:01
M-14_(2.0-	09199-010	09/17/2012	17:36
M-14_(5.25	09199-012	09/17/2012	18:10
M-15_(2.0-	09199-014	09/17/2012	18:44
M-15_(5.0-	09199-016	09/17/2012	19:19
PCB	09199-016MS	09/17/2012	19:36
PCB	09199-016MSD	09/17/2012	19:53
M-42_(4.0-	09161-055	09/18/2012	12:18
M-12_(2.0-	09199-002	09/18/2012	12:35
M-12_(4.0-	09199-003	09/18/2012	12:52
M-13_(0-2.	09199-005	09/18/2012	14:08
M-13_(4.0-	09199-007	09/18/2012	14:25
M-14_(0-2.	09199-009	09/18/2012	14:42
M-14_(4.0-	09199-011	09/18/2012	15:00
M-15_(0-2.	09199-013	09/18/2012	15:17
M-15_(4.0-	09199-015	09/18/2012	15:34
PCB	LCSS120914-02	09/19/2012	04:16

PCB METHOD BLANK SUMMARY

Lab File ID: Y1777.D

Instrument ID: GC-Y

Date Extracted: 09/14/2012

Matrix: SOIL

Date Analyzed: 09/17/2012

Time Analyzed: 12:55

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
M-33_(6.0-	09161-054	09/17/2012	13:52
M-42_(5.0-	09161-056	09/17/2012	14:27
M-42_(6.0-	09161-057	09/17/2012	14:44
M-12_(0-2.	09199-001	09/17/2012	15:01
M-12_(5.0-	09199-004	09/17/2012	15:53
M-13_(2.0-	09199-006	09/17/2012	16:27
M-13_(5.25	09199-008	09/17/2012	17:01
M-14_(2.0-	09199-010	09/17/2012	17:36
M-14_(5.25	09199-012	09/17/2012	18:10
M-15_(2.0-	09199-014	09/17/2012	18:44
M-15_(5.0-	09199-016	09/17/2012	19:19
PCB	09199-016MS	09/17/2012	19:36
PCB	09199-016MSD	09/17/2012	19:53
M-42_(4.0-	09161-055	09/18/2012	12:18
M-12_(2.0-	09199-002	09/18/2012	12:35
M-12_(4.0-	09199-003	09/18/2012	12:52
M-13_(0-2.	09199-005	09/18/2012	14:08
M-13_(4.0-	09199-007	09/18/2012	14:25
M-14_(0-2.	09199-009	09/18/2012	14:42
M-14_(4.0-	09199-011	09/18/2012	15:00
M-15_(0-2.	09199-013	09/18/2012	15:17
M-15_(4.0-	09199-015	09/18/2012	15:34
PCB	LCSS120914-02	09/19/2012	04:16

PCB METHOD BLANK SUMMARY

Lab File ID: R3741.D | Instrument ID: GC-R

Date Extracted: 09/14/2012 | Matrix: SOIL

Date Analyzed: 09/14/2012 | Time Analyzed: 14:40

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

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
I-33_(6.0-	09161-034	09/14/2012	14:57
I-33_(7.0-	09161-035	09/14/2012	15:15
I-33_(8.0-	09161-036	09/14/2012	15:34
H-36_(6.0-	09161-038	09/14/2012	16:09
H-36_(7.0-	09161-039	09/14/2012	16:26
H-36_(8.0-	09161-040	09/14/2012	16:44
J-33_(2.0-	09161-042	09/14/2012	17:18
J-33_(4.0-	09161-043	09/14/2012	17:36
J-33_(5.25	09161-044	09/14/2012	17:53
J-32_(0-2.	09161-045	09/14/2012	18:11
J-32_(2.0-	09161-046	09/14/2012	18:28
J-32_(4.0-	09161-047	09/14/2012	18:45
J-32_(5.0-	09161-048	09/14/2012	19:03
I-32_(5.5-	09161-049	09/14/2012	19:20
M-33_(0-2.	09161-050	09/14/2012	19:38
M-33_(2.0-	09161-051	09/14/2012	19:55
M-33_(4.0-	09161-052	09/14/2012	20:12
M-33_(5.0-	09161-053	09/14/2012	20:30
PCB	09161-052MS	09/14/2012	20:47
PCB	09161-052MSD	09/14/2012	21:05
PCB	LCSS120914-01	09/14/2012	21:22
J-33_(0-2.	09161-041	09/17/2012	11:18
H-36_(5.0-	09161-037	09/17/2012	13:08

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

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

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.28	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.11	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.66	4.66	4.66	4.66	4.66	4.66	4.59	4.73
Aroclor-1016 {4}	5.16	5.17	5.16	5.16	5.16	5.16	5.09	5.23
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.17				2.10	2.24
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.20				3.13	3.27
Aroclor-1221 {4}			3.27				3.20	3.34
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}			5.36				5.29	5.43
Aroclor-1232 {5}			5.56				5.49	5.63
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.04				4.97	5.11
Aroclor-1242 {3}			5.36				5.29	5.43
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}			5.04				4.96	5.12
Aroclor-1248 {3}			5.36				5.28	5.44
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.45				6.37	6.53
Aroclor-1254 {2}			6.89				6.81	6.97
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.50				7.41	7.59
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}	9.00	9.00	9.00	9.00	9.00	9.00	8.10	9.90
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: 08/27/2012

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

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	1598460	1636594	1724245	1671316	1663544	1658832	2.79
Aroclor-1016 {2}	2781625	2134550	2314976	2252118	2262395	2349133	10.67
Aroclor-1016 {3}	3534636	2972656	3163325	3101174	3109270	3176212	6.68
Aroclor-1016 {4}	1745680	1404075	1488362	1424772	1435859	1499750	9.40
Aroclor-1016 {5}	2686885	2328391	2456665	2403548	2415470	2458192	5.53
Aroclor-1221			618501				
Aroclor-1221 {2}			1128582				
Aroclor-1221 {3}			681947				
Aroclor-1221 {4}			2551643				
Aroclor-1221 {5}			480523				
Aroclor-1232			1831153				
Aroclor-1232 {2}			986000				
Aroclor-1232 {3}			893737				
Aroclor-1232 {4}			878058				
Aroclor-1232 {5}			1225450				
Aroclor-1242			1751102				
Aroclor-1242 {2}			1062851				
Aroclor-1242 {3}			1435125				
Aroclor-1242 {4}			2436831				
Aroclor-1242 {5}			2159921				
Aroclor-1248			3661689				
Aroclor-1248 {2}			2005052				
Aroclor-1248 {3}			2495393				
Aroclor-1248 {4}			4524397				
Aroclor-1248 {5}			3137355				
Aroclor-1254			4462170				
Aroclor-1254 {2}			2744880				
Aroclor-1254 {3}			5263695				
Aroclor-1254 {4}			5156827				
Aroclor-1254 {5}			4250307				
Aroclor-1260	5796468	6099813	6151135	5893257	5903979	5968930	2.51
Aroclor-1260 {2}	1708455	2452925	2499350	2373323	2466938	2300198	14.52
Aroclor-1260 {3}	6413601	6154515	6638804	6045721	6299865	6310501	3.66
Aroclor-1260 {4}	2955584	3454374	3144178	2956833	3017131	3105620	6.75
Aroclor-1260 {5}	1279520	1727719	1269645	1252500	1245729	1355022	15.41
						Average %RSD	7.79

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

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

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.78	3.78	3.78	3.78	3.78	3.78	3.71	3.85
Aroclor-1016 {2}	4.37	4.37	4.37	4.37	4.37	4.37	4.30	4.44
Aroclor-1016 {3}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {4}	5.34	5.33	5.33	5.33	5.33	5.33	5.26	5.40
Aroclor-1016 {5}	5.51	5.51	5.51	5.51	5.51	5.51	5.44	5.58
Aroclor-1221			2.46				2.39	2.53
Aroclor-1221 {2}			3.46				3.39	3.53
Aroclor-1221 {3}			3.69				3.62	3.76
Aroclor-1221 {4}			3.78				3.71	3.85
Aroclor-1221 {5}			5.14				5.07	5.21
Aroclor-1232			3.78				3.71	3.85
Aroclor-1232 {2}			4.76				4.69	4.83
Aroclor-1232 {3}			5.33				5.26	5.40
Aroclor-1232 {4}			5.51				5.44	5.58
Aroclor-1232 {5}			6.11				6.04	6.18
Aroclor-1242			4.76				4.69	4.83
Aroclor-1242 {2}			5.51				5.44	5.58
Aroclor-1242 {3}			6.11				6.04	6.18
Aroclor-1242 {4}			6.26				6.19	6.33
Aroclor-1242 {5}			6.81				6.74	6.88
Aroclor-1248			5.12				5.04	5.20
Aroclor-1248 {2}			5.71				5.63	5.79
Aroclor-1248 {3}			6.10				6.02	6.18
Aroclor-1248 {4}			6.26				6.18	6.34
Aroclor-1248 {5}			6.61				6.53	6.69
Aroclor-1254			7.10				7.02	7.18
Aroclor-1254 {2}			7.69				7.61	7.77
Aroclor-1254 {3}			8.31				8.22	8.40
Aroclor-1254 {4}			8.53				8.44	8.62
Aroclor-1254 {5}			9.12				9.03	9.21
Aroclor-1260	7.87	7.87	7.87	7.87	7.87	7.87	6.97	8.77
Aroclor-1260 {2}	8.12	8.12	8.12	8.12	8.12	8.12	7.22	9.02
Aroclor-1260 {3}	9.71	9.71	9.71	9.71	9.71	9.71	8.81	10.61
Aroclor-1260 {4}	10.22	10.22	10.22	10.22	10.22	10.22	9.32	11.12
Aroclor-1260 {5}	10.81	10.81	10.81	10.81	10.81	10.81	9.91	11.71

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

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

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	544205	537751	467417	423723	393625	473344	14.18
Aroclor-1016 {2}	1093471	1110193	916876	830553	767921	943803	16.29
Aroclor-1016 {3}	2308378	2291411	2078344	1914126	1796124	2077677	10.89
Aroclor-1016 {4}	1031954	1012793	877889	802293	743630	893712	14.20
Aroclor-1016 {5}	737942	773096	683417	630056	586931	682289	11.15
Aroclor-1221			195158				
Aroclor-1221 {2}			269665				
Aroclor-1221 {3}			181811				
Aroclor-1221 {4}			680802				
Aroclor-1221 {5}			122217				
Aroclor-1232			512907				
Aroclor-1232 {2}			191309				
Aroclor-1232 {3}			402349				
Aroclor-1232 {4}			311541				
Aroclor-1232 {5}			423699				
Aroclor-1242			325956				
Aroclor-1242 {2}			544751				
Aroclor-1242 {3}			690740				
Aroclor-1242 {4}			568560				
Aroclor-1242 {5}			1093176				
Aroclor-1248			1039238				
Aroclor-1248 {2}			1533070				
Aroclor-1248 {3}			1085332				
Aroclor-1248 {4}			984251				
Aroclor-1248 {5}			535963				
Aroclor-1254			1281510				
Aroclor-1254 {2}			967077				
Aroclor-1254 {3}			907574				
Aroclor-1254 {4}			532559				
Aroclor-1254 {5}			1253260				
Aroclor-1260	800177	823523	713513	660407	610102	721544	12.55
Aroclor-1260 {2}	1096884	1196645	1052171	970931	896292	1042585	11.07
Aroclor-1260 {3}	809692	933378	919943	871345	785795	864031	7.56
Aroclor-1260 {4}	1607884	2034074	2137207	1985358	1853381	1923581	10.60
Aroclor-1260 {5}	1078068	1421520	1600261	1456756	1343554	1380032	13.97
					Average %RSD		12.25

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

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

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.98	3.98	3.98	3.97	3.97	3.98	3.91	4.05
Aroclor-1016 {2}	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016 {3}	5.46	5.46	5.46	5.46	5.45	5.46	5.39	5.53
Aroclor-1016 {4}	5.99	5.99	5.99	5.99	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}			3.76				3.69	3.83
Aroclor-1221 {3}			3.90				3.83	3.97
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}			5.58				5.51	5.65
Aroclor-1232 {4}			6.20				6.13	6.27
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}			6.20				6.13	6.27
Aroclor-1242 {4}			6.92				6.85	6.99
Aroclor-1242 {5}			7.20				7.13	7.27
Aroclor-1248			5.30				5.22	5.38
Aroclor-1248 {2}			5.86				5.78	5.94
Aroclor-1248 {3}			6.20				6.12	6.28
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}			8.40				8.31	8.49
Aroclor-1254 {5}			9.25				9.16	9.34
Aroclor-1260	9.25	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}	10.42	10.42	10.42	10.42	10.42	10.42	9.52	11.32
Aroclor-1260 {4}	10.91	10.91	10.91	10.91	10.91	10.91	10.01	11.81
Aroclor-1260 {5}	11.98	11.99	11.98	11.98	11.98	11.98	11.08	12.88

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3169538	3083875	3134822	3042396	2353283	2956783	11.53
Aroclor-1016 {2}	2565919	3798384	3494857	3508527	2536989	3180935	18.47
Aroclor-1016 {3}	5508191	5457746	5524489	5202280	3493148	5037171	17.33
Aroclor-1016 {4}	2618949	2463106	2519686	2392167	1662486	2331279	16.43
Aroclor-1016 {5}	4394403	4213688	4419956	4128326	2937824	4018839	15.34
Aroclor-1221			1232163				
Aroclor-1221 {2}			1908472				
Aroclor-1221 {3}			1354132				
Aroclor-1221 {4}			4702923				
Aroclor-1221 {5}			952986				
Aroclor-1232			3932178				
Aroclor-1232 {2}			1748747				
Aroclor-1232 {3}			2155905				
Aroclor-1232 {4}			1626277				
Aroclor-1232 {5}			2865168				
Aroclor-1242			2868722				
Aroclor-1242 {2}			2286283				
Aroclor-1242 {3}			2486701				
Aroclor-1242 {4}			4890095				
Aroclor-1242 {5}			4496999				
Aroclor-1248			7641038				
Aroclor-1248 {2}			4184774				
Aroclor-1248 {3}			4219724				
Aroclor-1248 {4}			8629691				
Aroclor-1248 {5}			7035566				
Aroclor-1254			9588556				
Aroclor-1254 {2}			6076633				
Aroclor-1254 {3}			11103311				
Aroclor-1254 {4}			12668349				
Aroclor-1254 {5}			11126269				
Aroclor-1260	12051366	11275672	13894083	13139743	8799413	11832055	16.65
Aroclor-1260 {2}	7701182	6251654	6993368	6785500	4857488	6517838	16.32
Aroclor-1260 {3}	17863196	19145627	21853201	20953624	15213758	19005881	13.82
Aroclor-1260 {4}	10892769	8765561	10292180	9586901	6990567	9305595	16.32
Aroclor-1260 {5}	4532582	4233974	4840759	5934253	3926044	4693522	16.46
						Average %RSD	15.87

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

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

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	4.29	4.29	4.29	4.29	4.29	4.29	4.22	4.36
Aroclor-1016 {2}	4.91	4.91	4.91	4.91	4.91	4.91	4.84	4.98
Aroclor-1016 {3}	5.68	5.68	5.68	5.68	5.68	5.68	5.61	5.75
Aroclor-1016 {4}	5.90	5.90	5.90	5.90	5.90	5.90	5.83	5.97
Aroclor-1016 {5}	6.08	6.08	6.08	6.08	6.08	6.08	6.01	6.15
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			4.29				4.22	4.36
Aroclor-1232 {2}			5.31				5.24	5.38
Aroclor-1232 {3}			5.90				5.83	5.97
Aroclor-1232 {4}			6.08				6.01	6.15
Aroclor-1232 {5}			6.69				6.62	6.76
Aroclor-1242			5.31				5.24	5.38
Aroclor-1242 {2}			6.08				6.01	6.15
Aroclor-1242 {3}			6.69				6.62	6.76
Aroclor-1242 {4}			6.84				6.77	6.91
Aroclor-1242 {5}			7.40				7.33	7.47
Aroclor-1248			5.68				5.60	5.76
Aroclor-1248 {2}			6.28				6.20	6.36
Aroclor-1248 {3}			6.68				6.60	6.76
Aroclor-1248 {4}			6.84				6.76	6.92
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.70				7.62	7.78
Aroclor-1254 {2}			8.29				8.21	8.37
Aroclor-1254 {3}			8.74				8.65	8.83
Aroclor-1254 {4}			8.92				8.83	9.01
Aroclor-1254 {5}			9.74				9.65	9.83
Aroclor-1260	8.73	8.73	8.73	8.73	8.73	8.73	7.83	9.63
Aroclor-1260 {2}	9.14	9.14	9.14	9.14	9.14	9.14	8.24	10.04
Aroclor-1260 {3}	10.35	10.34	10.35	10.35	10.34	10.35	9.45	11.25
Aroclor-1260 {4}	10.85	10.85	10.85	10.86	10.85	10.85	9.95	11.75
Aroclor-1260 {5}	11.45	11.45	11.45	11.45	11.45	11.45	10.55	12.35

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

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

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3070026	2866185	2753833	2688240	2204454	2716548	11.81
Aroclor-1016 {2}	6129633	5424300	5240792	5105878	4196458	5219412	13.31
Aroclor-1016 {3}	12514026	12895205	11415390	11372077	9449342	11529208	11.64
Aroclor-1016 {4}	4788775	5301096	4720839	4648775	3826881	4657273	11.39
Aroclor-1016 {5}	4428978	4278236	3756547	3679022	3031178	3834792	14.44
Aroclor-1221			1210935				
Aroclor-1221 {2}			1621121				
Aroclor-1221 {3}			1105604				
Aroclor-1221 {4}			3810283				
Aroclor-1221 {5}			1212612				
Aroclor-1232			3148750				
Aroclor-1232 {2}			1185209				
Aroclor-1232 {3}			2398666				
Aroclor-1232 {4}			1919062				
Aroclor-1232 {5}			2741161				
Aroclor-1242			1901918				
Aroclor-1242 {2}			3147585				
Aroclor-1242 {3}			4290597				
Aroclor-1242 {4}			3497153				
Aroclor-1242 {5}			3216011				
Aroclor-1248			6010026				
Aroclor-1248 {2}			8424643				
Aroclor-1248 {3}			6415583				
Aroclor-1248 {4}			5399279				
Aroclor-1248 {5}			3107389				
Aroclor-1254			5622779				
Aroclor-1254 {2}			6064743				
Aroclor-1254 {3}			3827488				
Aroclor-1254 {4}			5776327				
Aroclor-1254 {5}			7740745				
Aroclor-1260	6041158	5826997	5323711	4958305	4048576	5239749	15.06
Aroclor-1260 {2}	6585520	6706582	5959749	5549221	4654287	5891072	14.20
Aroclor-1260 {3}	4772390	4497162	4276582	4355255	3181870	4216652	14.43
Aroclor-1260 {4}	10226935	9075451	8952645	9505120	6549756	8861982	15.63
Aroclor-1260 {5}	6097930	6427592	6455914	5763986	4783136	5905712	11.65
						Average %RSD	13.36

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

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

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.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: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.71				8.81	8.81
Aroclor-1262 {2}			10.22				9.32	9.32
Aroclor-1262 {3}			10.71				9.81	9.81
Aroclor-1262 {4}			10.80				9.80	9.80
Aroclor-1262 {5}			11.40				10.40	10.40
Aroclor-1268			10.71				9.71	9.71
Aroclor-1268 {2}			10.79				9.69	9.69
Aroclor-1268 {3}			11.04				9.94	9.94
Aroclor-1268 {4}			11.19				10.09	10.09
Aroclor-1268 {5}			12.27				11.17	11.17

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y

GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			4679194				
Aroclor-1262 {2}			8337139				
Aroclor-1262 {3}			2718445				
Aroclor-1262 {4}			3453906				
Aroclor-1262 {5}			2640319				
Aroclor-1268			8560197				
Aroclor-1268 {2}			9694084				
Aroclor-1268 {3}			7141308				
Aroclor-1268 {4}			2248426				
Aroclor-1268 {5}			20712676				

GC Column (2nd): DB-1701P

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			1192131				
Aroclor-1262 {2}			2701939				
Aroclor-1262 {3}			927683				
Aroclor-1262 {4}			1978216				
Aroclor-1262 {5}			628891				
Aroclor-1268			2806355				
Aroclor-1268 {2}			3027623				
Aroclor-1268 {3}			2417922				
Aroclor-1268 {4}			633526				
Aroclor-1268 {5}			7719444				

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

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

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.55				8.65	8.65
Aroclor-1262 {2}			10.42				9.52	9.52
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: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			10.34				9.44	9.44
Aroclor-1262 {2}			10.85				9.95	9.95
Aroclor-1262 {3}			11.36				10.46	10.46
Aroclor-1262 {4}			11.45				10.45	10.45
Aroclor-1262 {5}			12.06				11.06	11.06
Aroclor-1268			11.36				10.36	10.36
Aroclor-1268 {2}			11.44				10.34	10.34
Aroclor-1268 {3}			11.70				10.60	10.60
Aroclor-1268 {4}			11.84				10.74	10.74
Aroclor-1268 {5}			12.93				11.83	11.83

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

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

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			18885739				
Aroclor-1262 {2}			34996193				
Aroclor-1262 {3}			13090002				
Aroclor-1262 {4}			14013040				
Aroclor-1262 {5}			8685908				
Aroclor-1268			38176891				
Aroclor-1268 {2}			36098723				
Aroclor-1268 {3}			28239722				
Aroclor-1268 {4}			7780749				
Aroclor-1268 {5}			69983542				

GC Column (2nd): DB-1701P

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			6988647				
Aroclor-1262 {2}			15123170				
Aroclor-1262 {3}			5179924				
Aroclor-1262 {4}			10480275				
Aroclor-1262 {5}			3384243				
Aroclor-1268			14450716				
Aroclor-1268 {2}			14473253				
Aroclor-1268 {3}			11740930				
Aroclor-1268 {4}			3179201				
Aroclor-1268 {5}			35680648				

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/13/2012 **Instrument ID:** GC-Y

Data File: Y1684.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	1658832	1512957	8.79
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2004906	14.65
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2834675	10.75
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1400959	6.59
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2236902	9.00
Aroclor-1260	8.34	7.43	9.23	5968930	5746501	3.73
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2401117	4.39
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6336014	0.40
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3085553	0.65
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1293533	4.54
					Average %D	6.35

Data File: Y1684.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	493741	4.31
Aroclor-1016 {2}	4.38	4.30	4.44	943803	960551	1.77
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2206985	6.22
Aroclor-1016 {4}	5.34	5.26	5.40	893712	931132	4.19
Aroclor-1016 {5}	5.51	5.44	5.58	682289	729191	6.87
Aroclor-1260	7.87	6.97	8.77	721544	740589	2.64
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1096016	5.12
Aroclor-1260 {3}	9.71	8.81	10.61	864031	972640	12.57
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2165888	12.60
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1638901	18.76
					Average %D	7.51

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-Y

Data File: Y1709.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	1658832	1541249	7.09
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2045846	12.91
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2867437	9.72
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1411433	5.89
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2251076	8.43
Aroclor-1260	8.34	7.43	9.23	5968930	5866571	1.71
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2530738	10.02
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6604815	4.66
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3289833	5.93
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1203148	11.21
					Average %D	7.76

Data File: Y1709.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	498399	5.29
Aroclor-1016 {2}	4.38	4.30	4.44	943803	969935	2.77
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2233749	7.51
Aroclor-1016 {4}	5.34	5.26	5.40	893712	942505	5.46
Aroclor-1016 {5}	5.51	5.44	5.58	682289	735966	7.87
Aroclor-1260	7.87	6.97	8.77	721544	746350	3.44
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1093232	4.86
Aroclor-1260 {3}	9.71	8.81	10.61	864031	930882	7.74
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2043428	6.23
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1487066	7.76
					Average %D	5.89

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-Y

Data File: Y1763.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	1658832	1651601	0.44
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2152854	8.36
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3114722	1.94
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1557702	3.86
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2465380	0.29
Aroclor-1260	8.34	7.43	9.23	5968930	6502477	8.94
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2648215	15.13
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7261763	15.07
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3483046	12.15
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1330961	1.78
					Average %D	6.80

Data File: Y1763.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	534425	12.90
Aroclor-1016 {2}	4.38	4.30	4.44	943803	1029854	9.12
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2368395	13.99
Aroclor-1016 {4}	5.34	5.26	5.40	893712	994014	11.22
Aroclor-1016 {5}	5.51	5.44	5.58	682289	788538	15.57
Aroclor-1260	7.87	6.97	8.77	721544	818199	13.40
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1214411	16.48
Aroclor-1260 {3}	9.71	8.81	10.61	864031	987232	14.26
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2237113	16.30
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1521961	10.28
					Average %D	13.35

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-Y

Data File: Y1771.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	1658832	1699840	2.47
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2170222	7.62
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3174594	0.05
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1614554	7.65
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2529059	2.88
Aroclor-1260	8.34	7.43	9.23	5968930	6730000	12.75
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2667333	15.96
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7368993	16.77
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3639172	17.18
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1417327	4.60
					Average %D	8.79

Data File: Y1771.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	547429	15.65
Aroclor-1016 {2}	4.38	4.30	4.44	943803	1059094	12.22
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2435845	17.24
Aroclor-1016 {4}	5.34	5.26	5.40	893712	1013989	13.46
Aroclor-1016 {5}	5.51	5.44	5.58	682289	760860	11.52
Aroclor-1260	7.87	6.97	8.77	721544	842852	16.81
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1207765	15.84
Aroclor-1260 {3}	9.71	8.81	10.61	864031	940356	8.83
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2245405	16.73
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1545449	11.99
					Average %D	14.03

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-Y

Data File: Y1772.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	1658832	1767729	6.56
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2216850	5.63
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3296054	3.77
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1668189	11.23
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2591527	5.42
Aroclor-1260	8.34	7.43	9.23	5968930	6677326	11.87
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2555402	11.09
Aroclor-1260 {3}	9.48	8.58	10.38	6310501	7236799	14.68
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3327152	7.13
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1374191	1.41
					Average %D	7.88

Data File: Y1772.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	466146	1.52
Aroclor-1016 {2}	4.39	4.30	4.44	943803	893664	5.31
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2050010	1.33
Aroclor-1016 {4}	5.35	5.26	5.40	893712	847099	5.22
Aroclor-1016 {5}	5.52	5.44	5.58	682289	677274	0.74
Aroclor-1260	7.88	6.97	8.77	721544	712499	1.25
Aroclor-1260 {2}	8.13	7.22	9.02	1042585	1032646	0.95
Aroclor-1260 {3}	9.72	8.81	10.61	864031	926164	7.19
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	1986524	3.27
Aroclor-1260 {5}	10.82	9.91	11.71	1380032	1467415	6.33
					Average %D	3.31

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-Y

Data File: Y1775.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	1658832	1825095	10.02
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2208804	5.97
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3295120	3.74
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1696339	13.11
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2574399	4.73
Aroclor-1260	8.34	7.43	9.23	5968930	6812932	14.14
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2490248	8.26
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7404448	17.34
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3465307	11.58
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1545270	14.04
					Average %D	10.29

Data File: Y1775.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	481932	1.81
Aroclor-1016 {2}	4.39	4.30	4.44	943803	922256	2.28
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2117464	1.91
Aroclor-1016 {4}	5.35	5.26	5.40	893712	878778	1.67
Aroclor-1016 {5}	5.52	5.44	5.58	682289	708272	3.81
Aroclor-1260	7.88	6.97	8.77	721544	719338	0.31
Aroclor-1260 {2}	8.13	7.22	9.02	1042585	1052404	0.94
Aroclor-1260 {3}	9.72	8.81	10.61	864031	927605	7.36
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	2016847	4.85
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1382177	0.16
					Average %D	2.51

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-Y

Data File: Y1710.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	1658832	1584227	4.50
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2093711	10.87
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2956444	6.92
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1436766	4.20
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2340631	4.78
Aroclor-1260	8.34	7.43	9.23	5968930	6146771	2.98
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2591039	12.64
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6900968	9.36
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3309311	6.56
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1311480	3.21
					Average %D	6.60

Data File: Y1710.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	506882	7.09
Aroclor-1016 {2}	4.38	4.30	4.44	943803	995111	5.44
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2291632	10.30
Aroclor-1016 {4}	5.34	5.26	5.40	893712	968180	8.33
Aroclor-1016 {5}	5.51	5.44	5.58	682289	757856	11.08
Aroclor-1260	7.87	6.97	8.77	721544	774583	7.35
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1140767	9.42
Aroclor-1260 {3}	9.71	8.81	10.61	864031	976384	13.00
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2139683	11.23
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1496256	8.42
					Average %D	9.17

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-Y

Data File: Y1735.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	1658832	1564305	5.70
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2060949	12.27
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2908404	8.43
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1395954	6.92
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2282487	7.15
Aroclor-1260	8.34	7.43	9.23	5968930	6033469	1.08
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2614292	13.66
Aroclor-1260 {3}	9.48	8.58	10.38	6310501	6880609	9.03
Aroclor-1260 {4}	9.96	9.06	10.86	3105620	3534684	13.82
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1424039	5.09
					Average %D	8.31

Data File: Y1735.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	495686	4.72
Aroclor-1016 {2}	4.38	4.30	4.44	943803	976040	3.42
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2247979	8.20
Aroclor-1016 {4}	5.34	5.26	5.40	893712	938138	4.97
Aroclor-1016 {5}	5.51	5.44	5.58	682289	737233	8.05
Aroclor-1260	7.87	6.97	8.77	721544	749431	3.86
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1096277	5.15
Aroclor-1260 {3}	9.71	8.81	10.61	864031	925618	7.13
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2064049	7.30
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1465495	6.19
					Average %D	5.90

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-Y

Data File: Y1763.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	1658832	1651601	0.44
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2152854	8.36
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3114722	1.94
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1557702	3.86
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2465380	0.29
Aroclor-1260	8.34	7.43	9.23	5968930	6502477	8.94
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2648215	15.13
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7261763	15.07
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3483046	12.15
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1330961	1.78
					Average %D	6.80

Data File: Y1763.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	534425	12.90
Aroclor-1016 {2}	4.38	4.30	4.44	943803	1029854	9.12
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2368395	13.99
Aroclor-1016 {4}	5.34	5.26	5.40	893712	994014	11.22
Aroclor-1016 {5}	5.51	5.44	5.58	682289	788538	15.57
Aroclor-1260	7.87	6.97	8.77	721544	818199	13.40
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1214411	16.48
Aroclor-1260 {3}	9.71	8.81	10.61	864031	987232	14.26
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2237113	16.30
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1521961	10.28
					Average %D	13.35

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-Y

Data File: Y1771.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	1658832	1699840	2.47
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2170222	7.62
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3174594	0.05
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1614554	7.65
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2529059	2.88
Aroclor-1260	8.34	7.43	9.23	5968930	6730000	12.75
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2667333	15.96
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7368993	16.77
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3639172	17.18
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1417327	4.60
					Average %D	8.79

Data File: Y1771.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	547429	15.65
Aroclor-1016 {2}	4.38	4.30	4.44	943803	1059094	12.22
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2435845	17.24
Aroclor-1016 {4}	5.34	5.26	5.40	893712	1013989	13.46
Aroclor-1016 {5}	5.51	5.44	5.58	682289	760860	11.52
Aroclor-1260	7.87	6.97	8.77	721544	842852	16.81
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1207765	15.84
Aroclor-1260 {3}	9.71	8.81	10.61	864031	940356	8.83
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2245405	16.73
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1545449	11.99
					Average %D	14.03

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-R

Data File: R3766.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	3060072	3.49
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3652405	14.82
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5709075	13.34
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2659805	14.09
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4675065	16.33
Aroclor-1260	9.25	8.35	10.15	11832055	13249568	11.98
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	7047120	8.12
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	20993345	10.46
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	9543092	2.55
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	4913970	4.70
					Average %D	9.99

Data File: R3766.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2472369	8.99
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	4782830	8.36
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	10480309	9.10
Aroclor-1016 {4}	5.89	5.83	5.97	4657273	4448130	4.49
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	3540052	7.69
Aroclor-1260	8.73	7.83	9.63	5239749	5167479	1.38
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	5832784	0.99
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4468144	5.96
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	9627275	8.64
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	7083444	19.94
					Average %D	7.55

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/15/2012 **Instrument ID:** GC-R

Data File: R3784.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	3208470	8.51
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3567795	12.16
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5545888	10.10
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2530006	8.52
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4414052	9.83
Aroclor-1260	9.25	8.35	10.15	11832055	13436548	13.56
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	5944610	8.79
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	19001935	0.02
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	8943139	3.90
Aroclor-1260 {5}	11.98	11.08	12.88	4693522	4120081	12.22
					Average %D	8.76

Data File: R3784.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2894013	6.53
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	5502851	5.43
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	12104186	4.99
Aroclor-1016 {4}	5.90	5.83	5.97	4657273	5089594	9.28
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	4062310	5.93
Aroclor-1260	8.73	7.83	9.63	5239749	5654988	7.92
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	6387332	8.42
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4802578	13.90
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	9936658	12.13
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	6571607	11.28
					Average %D	8.58

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-Y

Data File: Y1776.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	1658832	1889153	13.88
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2245284	4.42
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3383097	6.51
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1735491	15.72
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2654526	7.99
Aroclor-1260	8.34	7.43	9.23	5968930	6903597	15.66
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2526411	9.83
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7479191	18.52
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3418389	10.07
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1248753	7.84
					Average %D	11.05

Data File: Y1776.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	493795	4.32
Aroclor-1016 {2}	4.39	4.30	4.44	943803	946159	0.25
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2155405	3.74
Aroclor-1016 {4}	5.35	5.26	5.40	893712	889965	0.42
Aroclor-1016 {5}	5.52	5.44	5.58	682289	715887	4.92
Aroclor-1260	7.88	6.97	8.77	721544	734639	1.81
Aroclor-1260 {2}	8.13	7.22	9.02	1042585	1067046	2.35
Aroclor-1260 {3}	9.72	8.81	10.61	864031	949504	9.89
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	2072246	7.73
Aroclor-1260 {5}	10.82	9.91	11.71	1380032	1469418	6.48
					Average %D	4.19

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-Y

Data File: Y1801.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	1658832	1597430	3.70
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	1909440	18.72
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2884562	9.18
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1505398	0.38
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2320418	5.60
Aroclor-1260	8.34	7.43	9.23	5968930	6070819	1.71
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2173002	5.53
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6898536	9.32
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3264234	5.11
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1315898	2.89
					Average %D	6.21

Data File: Y1801.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	447476	5.46
Aroclor-1016 {2}	4.38	4.30	4.44	943803	873988	7.40
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2007189	3.39
Aroclor-1016 {4}	5.34	5.26	5.40	893712	820088	8.24
Aroclor-1016 {5}	5.51	5.44	5.58	682289	672379	1.45
Aroclor-1260	7.87	6.97	8.77	721544	695423	3.62
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1032379	0.98
Aroclor-1260 {3}	9.71	8.81	10.61	864031	923373	6.87
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2124630	10.45
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1528958	10.79
					Average %D	5.87

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-Y

Data File: Y1828.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	1658832	1815000	9.41
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2519104	7.24
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3408052	7.30
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1723386	14.91
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2685982	9.27
Aroclor-1260	8.34	7.43	9.23	5968930	6559113	9.89
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2694464	17.14
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6812901	7.96
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	2980399	4.03
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1330548	1.81
					Average %D	8.90

Data File: Y1828.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	518929	9.63
Aroclor-1016 {2}	4.39	4.30	4.44	943803	997267	5.66
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2287009	10.08
Aroclor-1016 {4}	5.35	5.26	5.40	893712	985854	10.31
Aroclor-1016 {5}	5.52	5.44	5.58	682289	764642	12.07
Aroclor-1260	7.88	6.97	8.77	721544	797814	10.57
Aroclor-1260 {2}	8.14	7.22	9.02	1042585	1137555	9.11
Aroclor-1260 {3}	9.72	8.81	10.61	864031	936580	8.40
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	1946632	1.20
Aroclor-1260 {5}	10.82	9.91	11.71	1380032	1323166	4.12
					Average %D	8.11

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-Y

Data File: Y1839.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	1658832	1694072	2.12
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2327851	0.91
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3213579	1.18
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1599323	6.64
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2542942	3.45
Aroclor-1260	8.34	7.43	9.23	5968930	6645383	11.33
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2714342	18.00
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6991556	10.79
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3556196	14.51
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1477920	9.07
					Average %D	7.80

Data File: Y1839.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	505855	6.87
Aroclor-1016 {2}	4.38	4.30	4.44	943803	987343	4.61
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2266327	9.08
Aroclor-1016 {4}	5.34	5.26	5.40	893712	978370	9.47
Aroclor-1016 {5}	5.51	5.44	5.58	682289	755823	10.78
Aroclor-1260	7.87	6.97	8.77	721544	744331	3.16
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1145024	9.83
Aroclor-1260 {3}	9.71	8.81	10.61	864031	993437	14.98
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2198742	14.30
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1534745	11.21
					Average %D	9.43

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1876.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	1658832	1509707	8.99
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2077252	11.57
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2867530	9.72
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1467547	2.15
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2284667	7.06
Aroclor-1260	8.34	7.43	9.23	5968930	6244272	4.61
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2581091	12.21
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7313529	15.89
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3504730	12.85
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1561646	15.25
					Average %D	10.03

Data File: Y1876.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	480517	1.52
Aroclor-1016 {2}	4.38	4.30	4.44	943803	930300	1.43
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2142195	3.11
Aroclor-1016 {4}	5.34	5.26	5.40	893712	935672	4.70
Aroclor-1016 {5}	5.51	5.44	5.58	682289	720377	5.58
Aroclor-1260	7.87	6.97	8.77	721544	757603	5.00
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1124020	7.81
Aroclor-1260 {3}	9.71	8.81	10.61	864031	973871	12.71
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2165570	12.58
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1514027	9.71
					Average %D	6.41

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1879.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	1658832	1479887	10.79
Aroclor-1016 {2}	4.12	4.04	4.18	2349133	2053032	12.60
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2828244	10.96
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1436816	4.20
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2257327	8.17
Aroclor-1260	8.34	7.43	9.23	5968930	6200969	3.89
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2753367	19.70
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7257252	15.00
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3470703	11.76
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1533648	13.18
					Average %D	11.02

Data File: Y1879.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	469265	0.86
Aroclor-1016 {2}	4.38	4.30	4.44	943803	910040	3.58
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2094982	0.83
Aroclor-1016 {4}	5.34	5.26	5.40	893712	917659	2.68
Aroclor-1016 {5}	5.51	5.44	5.58	682289	706252	3.51
Aroclor-1260	7.87	6.97	8.77	721544	743125	2.99
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1104563	5.94
Aroclor-1260 {3}	9.71	8.81	10.61	864031	956771	10.73
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2126288	10.54
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1488018	7.82
					Average %D	4.95

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 Instrument ID: GC-Y

Data File: Y1876.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	1658832	1509707	8.99
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2077252	11.57
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2867530	9.72
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1467547	2.15
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2284667	7.06
Aroclor-1260	8.34	7.43	9.23	5968930	6244272	4.61
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2581091	12.21
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7313529	15.89
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3504730	12.85
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1561646	15.25
					Average %D	10.03

Data File: Y1876.C GC Column (2nd): DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	480517	1.52
Aroclor-1016 {2}	4.38	4.30	4.44	943803	930300	1.43
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2142195	3.11
Aroclor-1016 {4}	5.34	5.26	5.40	893712	935672	4.70
Aroclor-1016 {5}	5.51	5.44	5.58	682289	720377	5.58
Aroclor-1260	7.87	6.97	8.77	721544	757603	5.00
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1124020	7.81
Aroclor-1260 {3}	9.71	8.81	10.61	864031	973871	12.71
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2165570	12.58
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1514027	9.71
					Average %D	6.41

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1879.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	1658832	1479887	10.79
Aroclor-1016 {2}	4.12	4.04	4.18	2349133	2053032	12.60
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2828244	10.96
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1436816	4.20
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2257327	8.17
Aroclor-1260	8.34	7.43	9.23	5968930	6200969	3.89
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2753367	19.70
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7257252	15.00
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3470703	11.76
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1533648	13.18
					Average %D	11.02

Data File: Y1879.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	469265	0.86
Aroclor-1016 {2}	4.38	4.30	4.44	943803	910040	3.58
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2094982	0.83
Aroclor-1016 {4}	5.34	5.26	5.40	893712	917659	2.68
Aroclor-1016 {5}	5.51	5.44	5.58	682289	706252	3.51
Aroclor-1260	7.87	6.97	8.77	721544	743125	2.99
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1104563	5.94
Aroclor-1260 {3}	9.71	8.81	10.61	864031	956771	10.73
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2126288	10.54
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1488018	7.82
					Average %D	4.95

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-R

Data File: R3740.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	3223848	9.03
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3417550	7.44
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5970314	18.53
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2745749	17.78
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4492012	11.77
Aroclor-1260	9.26	8.35	10.15	11832055	13352692	12.85
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	7648181	17.34
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	22549222	18.64
Aroclor-1260 {4}	10.92	10.01	11.81	9305595	10132233	8.88
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	3763164	19.82
					Average %D	14.21

Data File: R3740.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.30	4.22	4.36	2716548	2658917	2.12
Aroclor-1016 {2}	4.92	4.84	4.98	5219412	5162770	1.09
Aroclor-1016 {3}	5.69	5.61	5.75	11529208	11319242	1.82
Aroclor-1016 {4}	5.91	5.83	5.97	4657273	4894111	5.09
Aroclor-1016 {5}	6.09	6.01	6.15	3834792	3868385	0.88
Aroclor-1260	8.74	7.83	9.63	5239749	5409453	3.24
Aroclor-1260 {2}	9.15	8.24	10.04	5891072	6147171	4.35
Aroclor-1260 {3}	10.35	9.45	11.25	4216652	4685061	11.11
Aroclor-1260 {4}	10.86	9.95	11.75	8861982	9741548	9.93
Aroclor-1260 {5}	11.46	10.55	12.35	5905712	7005685	18.63
					Average %D	5.82

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-R

Data File: R3765.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	2868086	3.00
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3508319	10.29
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5235634	3.94
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2370912	1.70
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4210517	4.77
Aroclor-1260	9.25	8.35	10.15	11832055	12807067	8.24
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	6004646	7.87
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	19847545	4.43
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	8758349	5.88
Aroclor-1260 {5}	11.98	11.08	12.88	4693522	4384936	6.57
					Average %D	5.67

Data File: R3765.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2373692	12.62
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	4642121	11.06
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	10139374	12.05
Aroclor-1016 {4}	5.89	5.83	5.97	4657273	4271818	8.28
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	3387882	11.65
Aroclor-1260	8.73	7.83	9.63	5239749	4824905	7.92
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	5442438	7.62
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4215579	0.03
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	9080982	2.47
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	6751311	14.32
					Average %D	8.80

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-R

Data File: R3785.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.97	3.91	4.05	2956783	2998975	1.43
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3487237	9.63
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5523885	9.66
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2637027	13.12
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4541874	13.01
Aroclor-1260	9.25	8.35	10.15	11832055	13686125	15.67
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	6649637	2.02
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	19331211	1.71
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	8202443	11.85
Aroclor-1260 {5}	11.98	11.08	12.88	4693522	4907629	4.56
					Average %D	8.27

Data File: R3785.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2407096	11.39
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	4653445	10.84
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	10233512	11.24
Aroclor-1016 {4}	5.90	5.83	5.97	4657273	4287090	7.95
Aroclor-1016 {5}	6.08	6.01	6.15	3834792	3441332	10.26
Aroclor-1260	8.73	7.83	9.63	5239749	5004539	4.49
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	5575232	5.36
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4144918	1.70
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	8733828	1.45
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	6149707	4.13
					Average %D	6.88

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-R

Data File: R3789.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.97	3.91	4.05	2956783	2932147	0.83
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3434838	7.98
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5374963	6.71
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2691255	15.44
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4578750	13.93
Aroclor-1260	9.25	8.35	10.15	11832055	13336154	12.71
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	5806765	10.91
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	19083141	0.41
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	8050363	13.49
Aroclor-1260 {5}	11.98	11.08	12.88	4693522	4278734	8.84
					Average %D	9.12

Data File: R3789.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2636655	2.94
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	4974611	4.69
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	10488610	9.03
Aroclor-1016 {4}	5.89	5.83	5.97	4657273	4486893	3.66
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	3587013	6.46
Aroclor-1260	8.73	7.83	9.63	5239749	5474803	4.49
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	6060329	2.87
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4391124	4.14
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	8756556	1.19
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	5786577	2.02
					Average %D	4.15

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	BLKS120913-04	09/13/2012	18:39	2.82		12.11		2.91		12.49	
F-31_(4.0-	09161-015	09/13/2012	19:13	D		D		D		D	
F-31_(4.5-	09161-016	09/13/2012	19:30	2.82		12.11		2.91		12.48	
E-31_(2.0-	09161-018	09/13/2012	20:05	2.82		12.10		2.91		12.48	
E-31_(4.0-	09161-019	09/13/2012	20:22	2.82		12.11		2.91		12.48	
E-31_(5.0-	09161-020	09/13/2012	20:39	2.82		12.11		2.91		12.48	
D-31_(2.0-	09161-022	09/13/2012	21:13	2.82		12.11		2.91		12.48	
D-31_(4.0-	09161-023	09/13/2012	21:31	2.82		12.11		2.91		12.48	
D-31_(5.0-	09161-024	09/13/2012	21:48	2.82		12.11		2.91		12.48	
C-31_(0-2.	09161-025	09/13/2012	22:05	2.82		12.10		2.91		12.48	
C-31_(2.0-	09161-026	09/13/2012	22:22	2.82		12.11		2.91		12.48	
C-31_(3.0-	09161-027	09/13/2012	22:40	2.82		12.11		2.91		12.48	
C-31_(4.0-	09161-028	09/13/2012	22:57	2.82		12.10		2.91		12.48	
I-32_(2.0-	09161-030	09/13/2012	23:31	2.83		12.11		2.91		12.48	
I-32_(5.0-	09161-032	09/14/2012	00:05	2.82		12.11		2.91		12.48	
PCB	09161-033MS	09/14/2012	00:40	2.82		12.11		2.91		12.48	
PCB	09161-033MSD	09/14/2012	00:57	2.82		12.11		2.91		12.48	
PCB	LCSS120913-04	09/14/2012	01:14	2.82		12.11		2.91		12.48	
F-31_(2.0-	09161-014	09/14/2012	18:11	2.82		12.11		2.91		12.49	
D-31_(0-2.	09161-021	09/14/2012	18:28	2.82		12.11		2.91		12.48	
I-32_(0-2.	09161-029	09/14/2012	18:45	2.82		12.11		2.91		12.49	
I-32_(4.0-	09161-031	09/14/2012	19:03	2.82		12.11		2.91		12.49	
I-33_(5.0-	09161-033	09/17/2012	10:32	D		D		D		D	
E-31_(0-2.	09161-017	09/17/2012	11:20	2.82		12.11		2.92		12.49	

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	12.48

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120912-06	09/14/2012	02:40	2.82		12.11		2.91		12.48	
J-42_(2.0-	09128-008	09/14/2012	02:57	2.82		12.10		2.91		12.48	
H-38_(0-2.	09128-009	09/14/2012	03:14	2.82		12.11		2.90		12.48	
H-38_(2.0-	09128-010	09/14/2012	03:31	2.82		12.11		2.91		12.48	
G-37_(0-2.	09128-011	09/14/2012	03:49	2.82		12.10		2.91		12.48	
G-37_(2.0-	09128-012	09/14/2012	04:06	2.82		12.10		2.90		12.48	
C-32_(0-2.	09128-013	09/14/2012	04:23	2.82		12.11		2.91		12.48	
C-32_(2.0-	09128-014	09/14/2012	04:40	2.82		12.10		2.91		12.48	
I-31_(0-2.	09161-001	09/14/2012	04:57	2.82		12.11		2.90		12.48	
I-31_(2.0-	09161-002	09/14/2012	05:14	2.82		12.10		2.90		12.48	
I-31_(4.0-	09161-003	09/14/2012	05:32	2.82		12.11		2.91		12.48	
H-31_(0-2.	09161-004	09/14/2012	05:49	2.82		12.11		2.91		12.48	
H-31_(2.0-	09161-005	09/14/2012	06:06	2.82		12.11		2.91		12.48	
H-31_(4.0-	09161-006	09/14/2012	06:23	2.82		12.11		2.90		12.48	
H-31_(5.0-	09161-007	09/14/2012	06:40	2.82		12.10		2.91		12.48	
G-31_(2.0-	09161-009	09/14/2012	07:15	2.82		12.10		2.91		12.48	
G-31_(4.0-	09161-010	09/14/2012	07:32	2.82		12.10		2.90		12.48	
G-31_(6.0-	09161-011	09/14/2012	07:49	2.82		12.10		2.90		12.48	
G-31_(7.0-	09161-012	09/14/2012	08:06	2.82		12.11		2.91		12.48	
PCB	09161-013MS	09/14/2012	08:40	2.82		12.10		2.91		12.48	
PCB	09161-013MSD	09/14/2012	08:58	2.82		12.11		2.91		12.48	
PCB	LCSS120912-06	09/14/2012	09:15	2.82		12.11		2.91		12.48	
G-31_(0-2.	09161-008	09/14/2012	19:37	2.82		12.11		2.91		12.48	
F-31_(0-2.	09161-013	09/14/2012	19:54	2.82		12.11		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 RETENTION TIME SHIFT SUMMARY

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

Surrogate RT from initial calibration :

TCMX 1 3.48 **DCB 1** 13.10 **TCMX 2** 3.38 **DCB 2** 13.15

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120913-09	09/14/2012	22:32	3.48		13.10		3.38		13.15	
FB-37	09052-021	09/14/2012	22:49	3.48		13.10		3.39		13.15	
FB090612	09126-021	09/14/2012	23:06	3.48		13.10		3.39		13.15	
MW-1	09127-001	09/14/2012	23:24	3.49		13.10		3.39		13.15	
MW-2	09127-002	09/14/2012	23:41	3.50		13.11		3.41		13.16	
MW-3	09127-003	09/14/2012	23:59	3.48		13.10		3.39		13.15	
MW-5	09127-005	09/15/2012	00:16	3.48		13.10		3.39		13.15	
MW-16	09127-016	09/15/2012	00:33	3.48		13.10		3.39		13.15	
MW-17	09127-017	09/15/2012	00:51	3.49		13.10		3.39		13.15	
MW-21	09127-021	09/15/2012	01:08	3.48		13.10		3.39		13.15	
FB-38	09128-015	09/15/2012	01:25	3.48		13.10		3.39		13.15	
FB-39	09161-058	09/15/2012	01:43	3.48		13.10		3.39		13.15	
FB-40	09199-054	09/15/2012	02:00	3.48		13.10		3.39		13.15	
FB-41	09240-062	09/15/2012	02:18	3.49		13.10		3.39		13.15	
PCB	09127-002MS	09/15/2012	02:35	3.49		13.10		3.39		13.15	
PCB	09127-002MSD	09/15/2012	02:52	3.49		13.10		3.40		13.15	
PCB	LCSA120913-09	09/15/2012	03:10	3.49		13.10		3.39		13.15	

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	BLKS120914-02	09/17/2012	12:55	2.82		12.11		2.91		12.49	
M-33_(6.0-	09161-054	09/17/2012	13:52	2.82		12.11		2.92		12.50	
M-42_(5.0-	09161-056	09/17/2012	14:27	2.82		12.11		2.91		12.48	
M-42_(6.0-	09161-057	09/17/2012	14:44	2.82		12.11		2.91		12.48	
M-12_(0-2.	09199-001	09/17/2012	15:01	2.82		12.11		2.91		12.48	
M-12_(5.0-	09199-004	09/17/2012	15:53	2.82		12.11		2.91		12.49	
M-13_(2.0-	09199-006	09/17/2012	16:27	2.82		12.11		2.91		12.48	
M-13_(5.25	09199-008	09/17/2012	17:01	2.82		12.10		2.90		12.48	
M-14_(2.0-	09199-010	09/17/2012	17:36	2.82		12.11		2.91		12.48	
M-14_(5.25	09199-012	09/17/2012	18:10	2.82		12.11		2.91		12.49	
M-15_(2.0-	09199-014	09/17/2012	18:44	2.82		12.11		2.91		12.48	
M-15_(5.0-	09199-016	09/17/2012	19:19	2.82		12.11		2.91		12.49	
PCB	09199-016MS	09/17/2012	19:36	2.82		12.11		2.91		12.49	
PCB	09199-016MSD	09/17/2012	19:53	2.82		12.11		2.91		12.48	
M-42_(4.0-	09161-055	09/18/2012	12:18	2.82		12.11		2.91		12.49	
M-12_(2.0-	09199-002	09/18/2012	12:35	2.82		12.11		2.91		12.49	
M-12_(4.0-	09199-003	09/18/2012	12:52	2.82		12.11		2.91		12.49	
M-13_(0-2.	09199-005	09/18/2012	14:08	2.82		12.11		2.92		12.49	
M-13_(4.0-	09199-007	09/18/2012	14:25	2.82		12.11		2.91		12.49	
M-14_(0-2.	09199-009	09/18/2012	14:42	2.82		12.11		2.91		12.49	
M-14_(4.0-	09199-011	09/18/2012	15:00	2.82		12.11		2.91		12.49	
M-15_(0-2.	09199-013	09/18/2012	15:17	2.82		12.11		2.91		12.50	
M-15_(4.0-	09199-015	09/18/2012	15:34	2.82		12.11		2.91		12.49	
PCB	LCSS120914-02	09/19/2012	04:16	2.82		12.11		2.91		12.49	

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	BLKS120914-02	09/17/2012	12:55	2.82		12.11		2.91		12.49	
M-33_(6.0-	09161-054	09/17/2012	13:52	2.82		12.11		2.92		12.50	
M-42_(5.0-	09161-056	09/17/2012	14:27	2.82		12.11		2.91		12.48	
M-42_(6.0-	09161-057	09/17/2012	14:44	2.82		12.11		2.91		12.48	
M-12_(0-2.	09199-001	09/17/2012	15:01	2.82		12.11		2.91		12.48	
M-12_(5.0-	09199-004	09/17/2012	15:53	2.82		12.11		2.91		12.49	
M-13_(2.0-	09199-006	09/17/2012	16:27	2.82		12.11		2.91		12.48	
M-13_(5.25	09199-008	09/17/2012	17:01	2.82		12.10		2.90		12.48	
M-14_(2.0-	09199-010	09/17/2012	17:36	2.82		12.11		2.91		12.48	
M-14_(5.25	09199-012	09/17/2012	18:10	2.82		12.11		2.91		12.49	
M-15_(2.0-	09199-014	09/17/2012	18:44	2.82		12.11		2.91		12.48	
M-15_(5.0-	09199-016	09/17/2012	19:19	2.82		12.11		2.91		12.49	
PCB	09199-016MS	09/17/2012	19:36	2.82		12.11		2.91		12.49	
PCB	09199-016MSD	09/17/2012	19:53	2.82		12.11		2.91		12.48	
M-42_(4.0-	09161-055	09/18/2012	12:18	2.82		12.11		2.91		12.49	
M-12_(2.0-	09199-002	09/18/2012	12:35	2.82		12.11		2.91		12.49	
M-12_(4.0-	09199-003	09/18/2012	12:52	2.82		12.11		2.91		12.49	
M-13_(0-2.	09199-005	09/18/2012	14:08	2.82		12.11		2.92		12.49	
M-13_(4.0-	09199-007	09/18/2012	14:25	2.82		12.11		2.91		12.49	
M-14_(0-2.	09199-009	09/18/2012	14:42	2.82		12.11		2.91		12.49	
M-14_(4.0-	09199-011	09/18/2012	15:00	2.82		12.11		2.91		12.49	
M-15_(0-2.	09199-013	09/18/2012	15:17	2.82		12.11		2.91		12.50	
M-15_(4.0-	09199-015	09/18/2012	15:34	2.82		12.11		2.91		12.49	
PCB	LCSS120914-02	09/19/2012	04:16	2.82		12.11		2.91		12.49	

Surrogate QC Limits

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

DCB = Decachlorobiphenyl (± 0.10 Minutes)

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

PCB RETENTION TIME SHIFT SUMMARY

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

Surrogate RT from initial calibration :

TCMX 1 3.47 **DCB 1** 13.10 **TCMX 2** 3.38 **DCB 2** 13.15

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120914-01	09/14/2012	14:40	3.47		13.10		3.38		13.15	
I-33_(6.0-	09161-034	09/14/2012	14:57	3.47		13.10		3.38		13.15	
I-33_(7.0-	09161-035	09/14/2012	15:15	3.47		13.10		3.38		13.15	
I-33_(8.0-	09161-036	09/14/2012	15:34	3.47		13.10		3.38		13.15	
H-36_(6.0-	09161-038	09/14/2012	16:09	3.47		13.10		3.38		13.15	
H-36_(7.0-	09161-039	09/14/2012	16:26	3.48		13.10		3.38		13.15	
H-36_(8.0-	09161-040	09/14/2012	16:44	3.48		13.10		3.38		13.15	
J-33_(2.0-	09161-042	09/14/2012	17:18	3.47		13.10		3.38		13.15	
J-33_(4.0-	09161-043	09/14/2012	17:36	3.47		13.10		3.38		13.15	
J-33_(5.25	09161-044	09/14/2012	17:53	3.47		13.10		3.38		13.15	
J-32_(0-2.	09161-045	09/14/2012	18:11	3.47		13.10		3.38		13.15	
J-32_(2.0-	09161-046	09/14/2012	18:28	3.47		13.10		3.38		13.15	
J-32_(4.0-	09161-047	09/14/2012	18:45	3.47		13.10		3.38		13.15	
J-32_(5.0-	09161-048	09/14/2012	19:03	3.48		13.10		3.38		13.15	
I-32_(5.5-	09161-049	09/14/2012	19:20	3.47		13.10		3.38		13.15	
M-33_(0-2.	09161-050	09/14/2012	19:38	3.48		13.10		3.38		13.15	
M-33_(2.0-	09161-051	09/14/2012	19:55	3.47		13.10		3.38		13.15	
M-33_(4.0-	09161-052	09/14/2012	20:12	3.47		13.10		3.38		13.15	
M-33_(5.0-	09161-053	09/14/2012	20:30	3.47		13.10		3.38		13.15	
PCB	09161-052MS	09/14/2012	20:47	3.47		13.10		3.38		13.15	
PCB	09161-052MSD	09/14/2012	21:05	3.48		13.10		3.38		13.15	
PCB	LCSS120914-01	09/14/2012	21:22	3.48		13.10		3.38		13.15	
J-33_(0-2.	09161-041	09/17/2012	11:18	3.47		13.10		3.38		13.15	
H-36_(5.0-	09161-037	09/17/2012	13:08	3.47		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 SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1719.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 4:57
Operator : YG
Sample : I-31_(0-2.,09161-001,S,5.39g,5.40,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:39:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	2.90	21782.5E6	6618.6E6	223.524	248.325
Spiked Amount 200.000			Recovery	=	111.76%	124.16%
2) S DCB	12.11	12.48	4148.4E6	2168.5E6	204.013	250.405m
Spiked Amount 200.000			Recovery	=	102.01%	125.20%
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
23) L6 Aroclor-1248	4.52	5.13	3179.3E6	987.3E6	868.247	950.019
24) L6 Aroclor-1248 {2}	5.05	5.71	1265.9E6	1232.0E6	631.331	803.608 #
25) L6 Aroclor-1248 {3}	5.37	6.11	1620.7E6	819.5E6	649.475	755.088
26) L6 Aroclor-1248 {4}	6.07	6.26	4838.4E6	713.5E6	1069.392m	724.950 #
27) L6 Aroclor-1248 {5}	6.34	6.61	3252.9E6	553.8E6	1036.836m	1033.258
Sum Aroclor-1248			14157.1E6	4306.1E6	4255.282	4266.924
Average Aroclor-1248					851.056	853.385
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

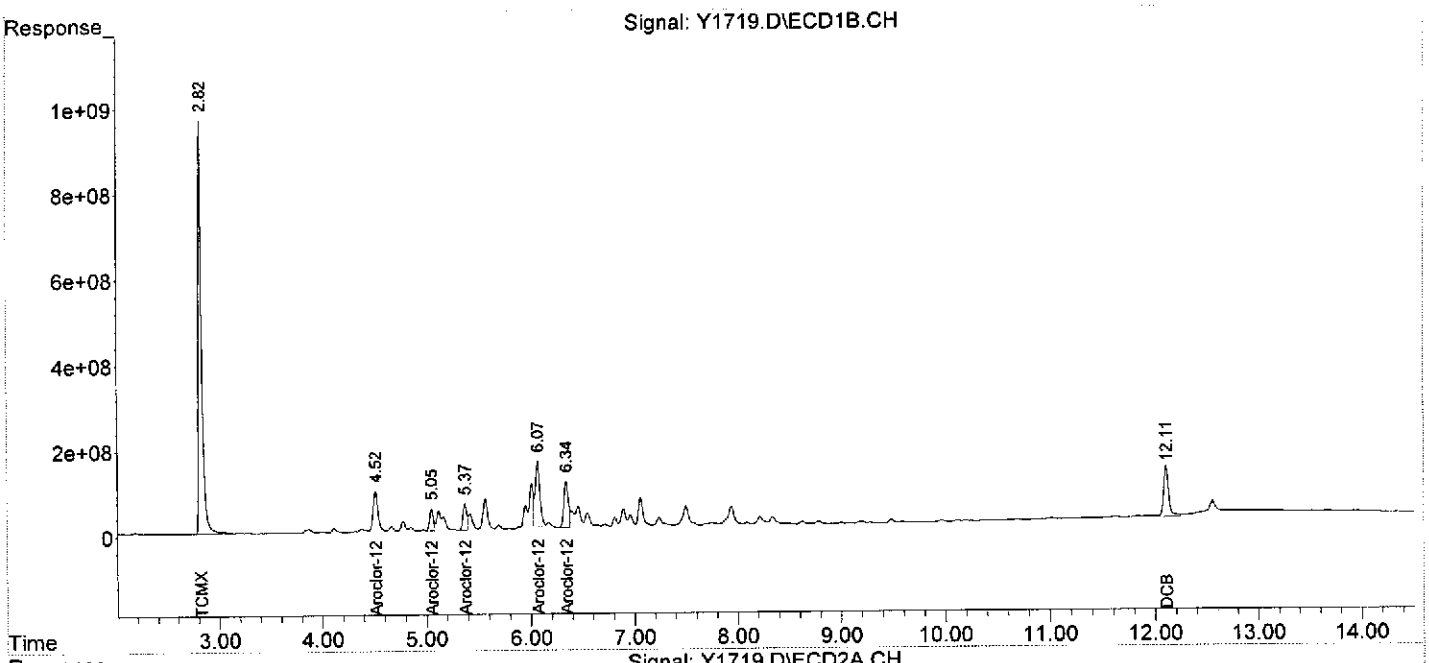
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

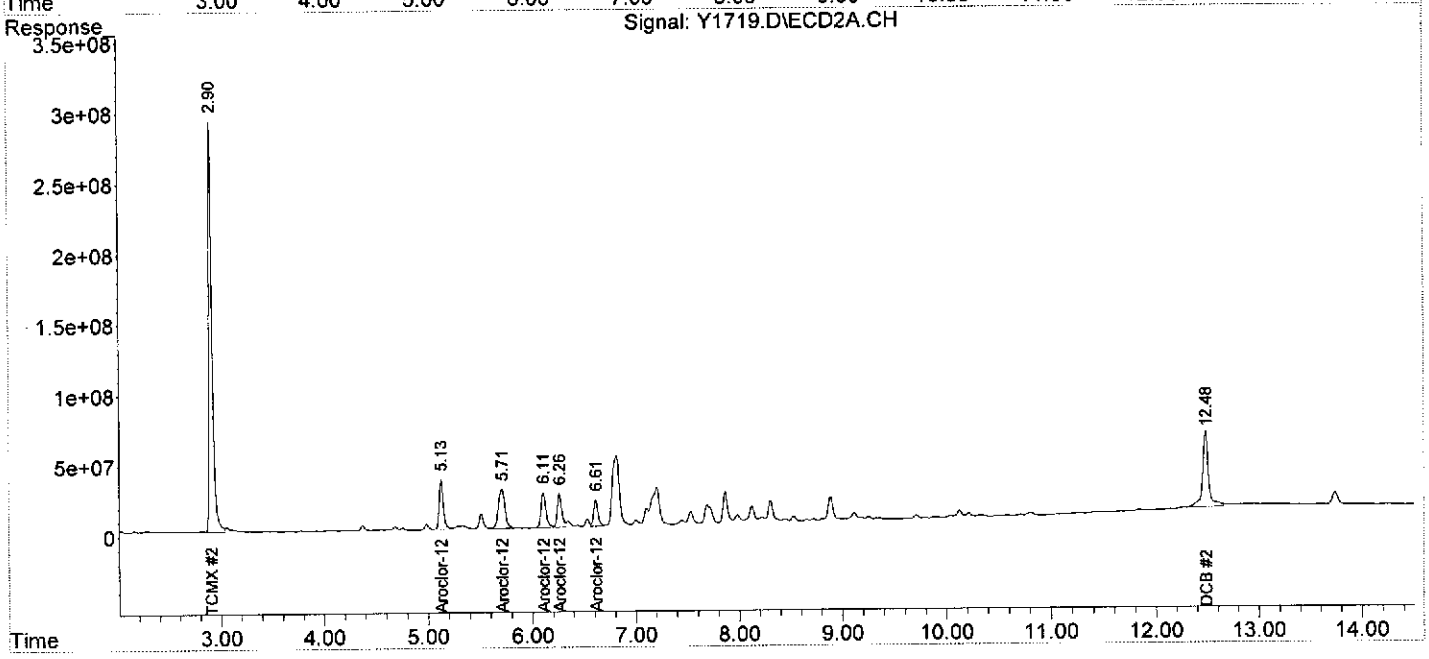
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1719.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 4:57
Operator : YG
Sample : I-31_(0-2.,09161-001,S,5.39g,5.40,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:39:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1720.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 5:14
Operator : YG
Sample : I-31_(2.0-,09161-002,S,5.94g,9.10,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:40:33 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	2.90	22519.4E6	6801.7E6	231.087	255.198
Spiked Amount 200.000			Recovery	=	115.54%	127.60%
2) S DCB	12.10	12.48	4774.0E6	1929.0E6	234.782	222.748
Spiked Amount 200.000			Recovery	=	117.39%	111.37%
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	4.52	5.13	67570539	22985587	18.453	22.118
24) L6 Aroclor-1248 {2}	5.05	5.71	42404715	43971989	21.149	28.682 #
25) L6 Aroclor-1248 {3}	5.37	6.11	35908508	20514844	14.390	18.902 #
26) L6 Aroclor-1248 {4}	6.07	6.26	108.2E6	17257327	23.916m	17.533 #
27) L6 Aroclor-1248 {5}	6.36	6.61	57109572	13675696	18.203m	25.516 #
Sum Aroclor-1248			311.2E6	118.4E6	96.111	112.752
Average Aroclor-1248					19.222	22.550
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

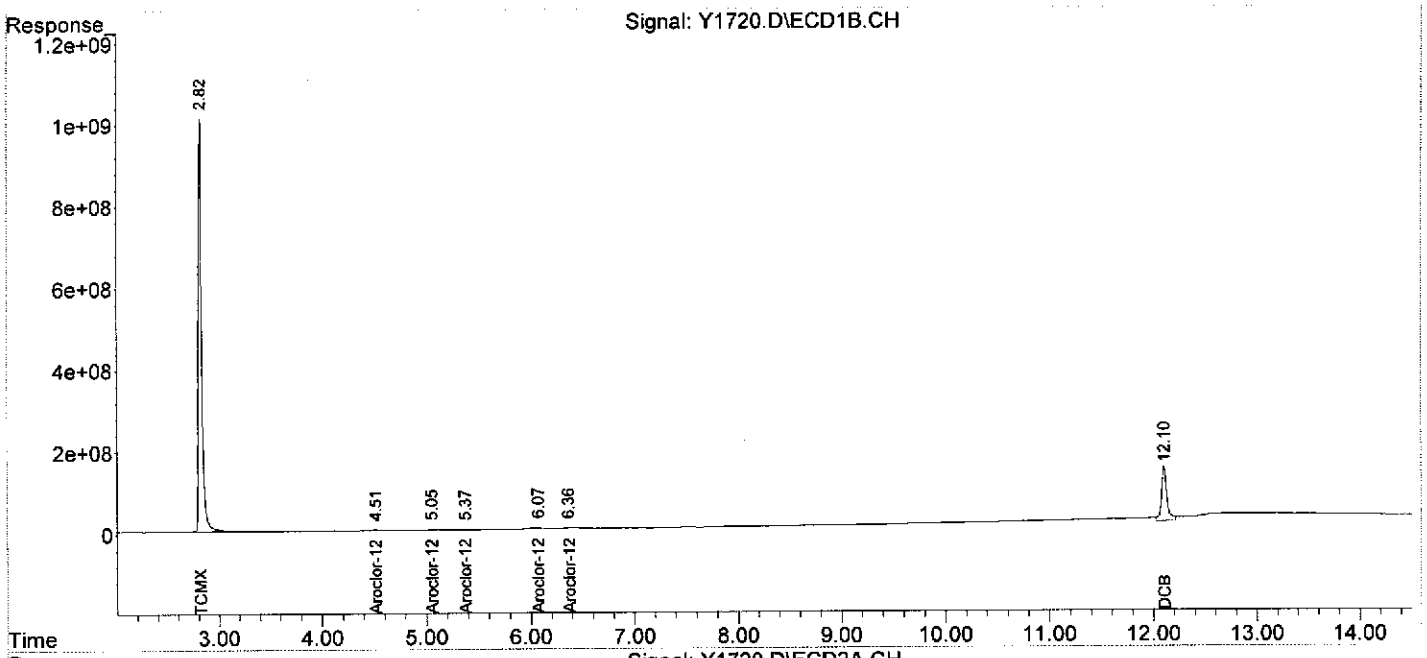
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

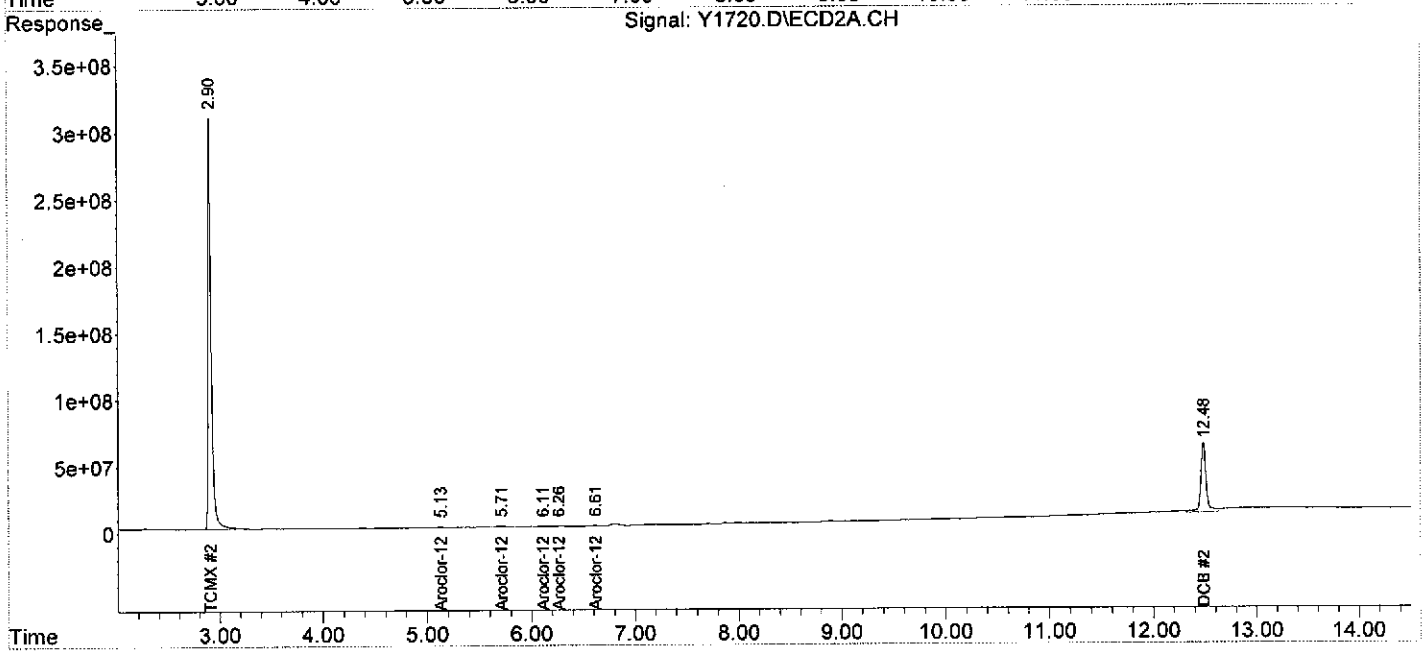
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1720.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 5:14
Operator : YG
Sample : I-31_(2.0-,09161-002,S,5.94g,9.10,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 39 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:40:33 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1721.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 5:32
Operator : YG
Sample : I-31_(4.0-,09161-003,S,5.75g,20.9,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:41:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	24032.2E6	7175.7E6	246.610	269.228
Spiked Amount 200.000			Recovery	=	123.30%	134.61%
2) S DCB	12.11	12.48	5087.0E6	2085.7E6	250.177	240.842m
Spiked Amount 200.000			Recovery	=	125.09%	120.42%
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

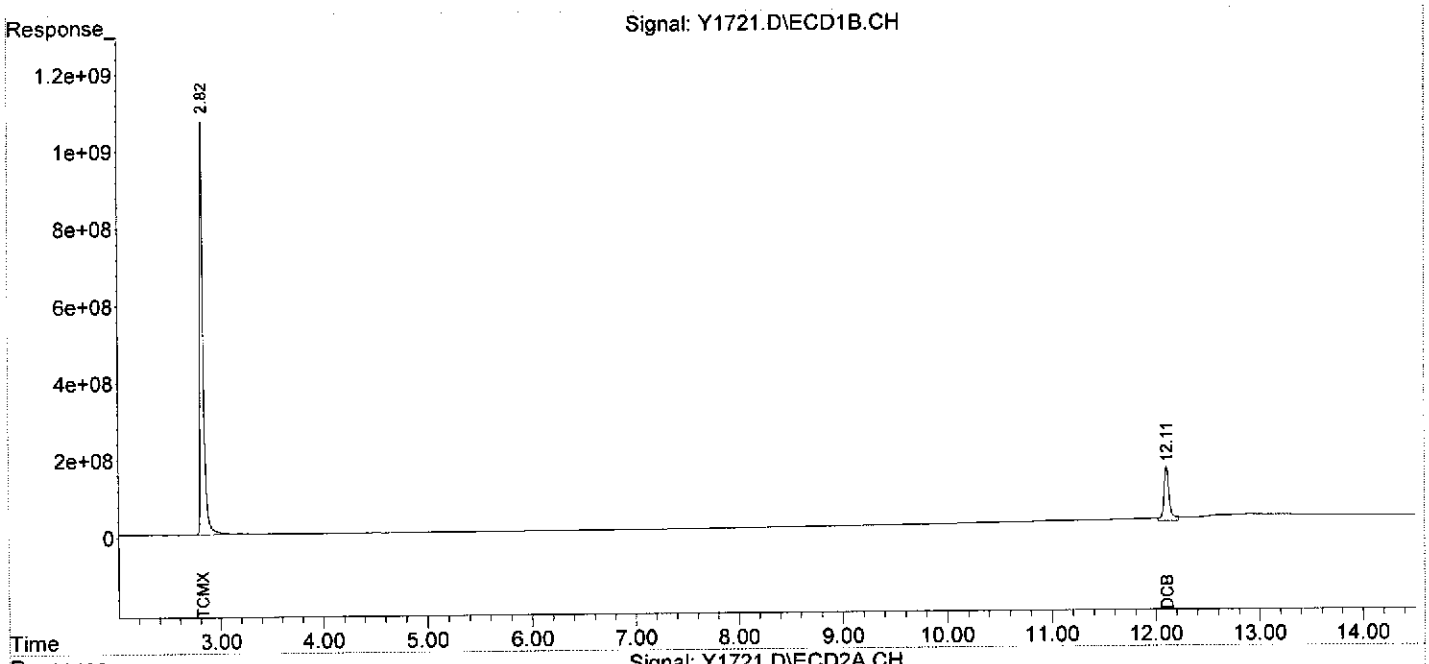
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

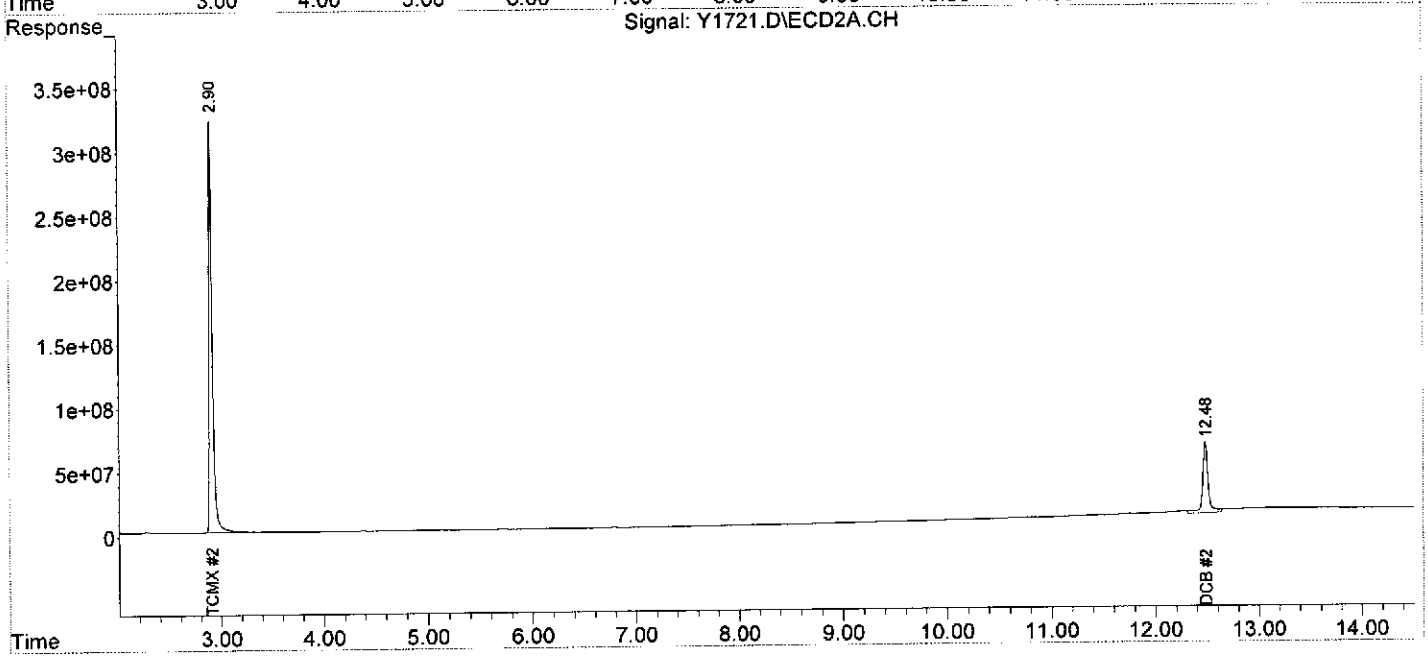
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1721.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 5:32
Operator : YG
Sample : I-31_(4.0-,09161-003,S,5.75g,20.9,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 40 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:41:03 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1722.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 5:49
Operator : YG
Sample : H-31_(0-2.,09161-004,S,5.49g,8.20,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:41:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	22476.7E6	6756.7E6	230.649	253.508
Spiked Amount 200.000			Recovery	=	115.32%	126.75%
2) S DCB	12.11	12.48	4559.8E6	2295.8E6	224.246	265.105
Spiked Amount 200.000			Recovery	=	112.12%	132.55%
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	1965.5E6	624.2E6	536.764	600.608
24) L6 Aroclor-1248 {2}	5.05	5.71	1111.7E6	961.4E6	554.429	627.090
25) L6 Aroclor-1248 {3}	5.37	6.11	1429.6E6	678.1E6	572.912	624.757
26) L6 Aroclor-1248 {4}	6.07	6.26	3624.3E6	554.4E6	801.067	563.270 #
27) L6 Aroclor-1248 {5}	6.34	6.61	2499.2E6	391.4E6	796.603	730.185
Sum Aroclor-1248			10630.3E6	3209.4E6	3261.776	3145.910
Average Aroclor-1248					652.355	629.182
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

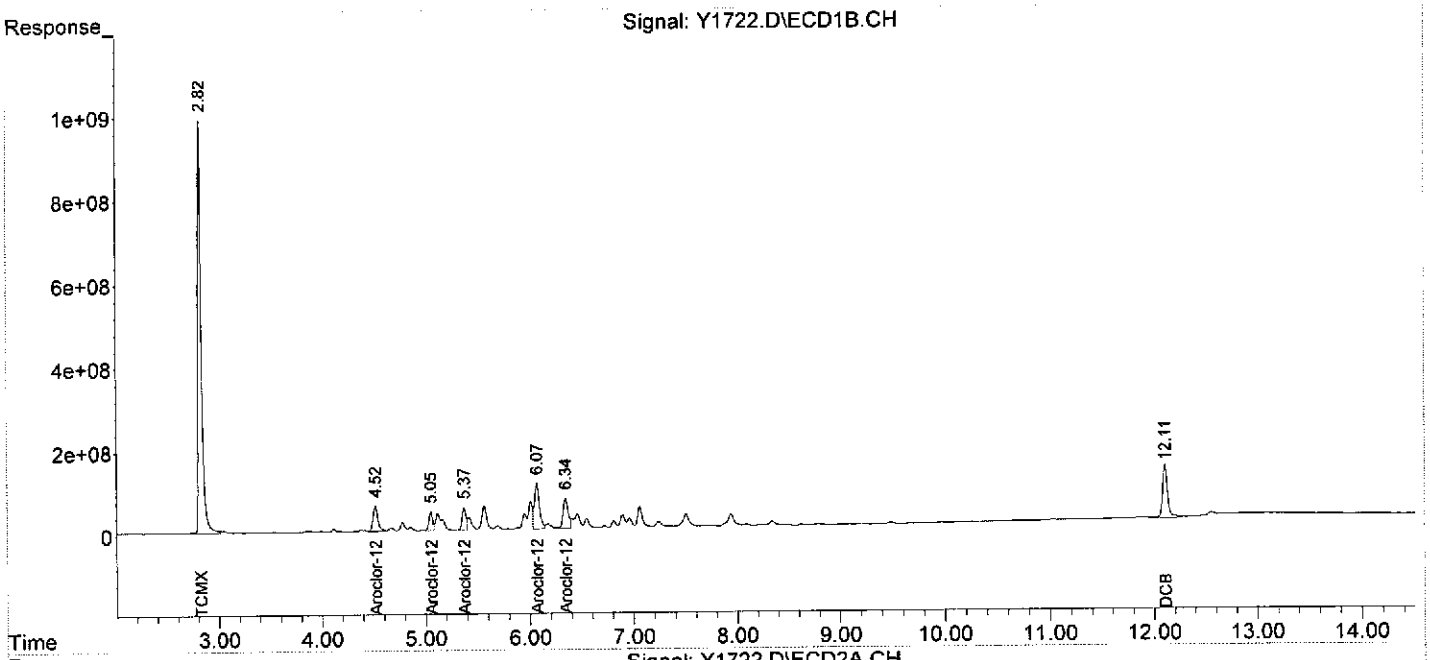
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

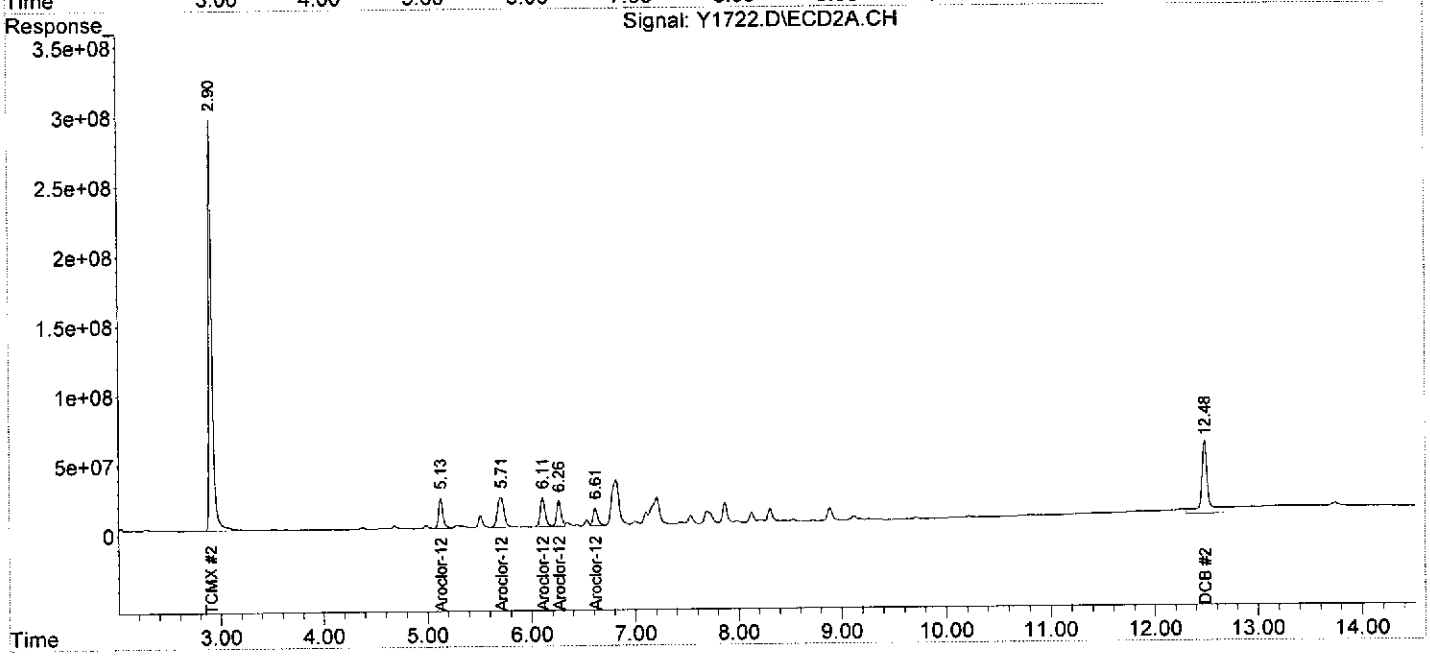
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1722.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 5:49
Operator : YG
Sample : H-31_(0-2.,09161-004,S,5.49g,8.20,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:41:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1723.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 6:06
Operator : YG
Sample : H-31_(2.0-,09161-005,S,5.68g,8.10,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:42:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	22824.3E6	6760.9E6	234.215	253.664
Spiked Amount 200.000			Recovery	=	117.11%	126.83%
2) S DCB	12.11	12.48	4812.6E6	2293.3E6	236.681	264.818
Spiked Amount 200.000			Recovery	=	118.34%	132.41%
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
23) L6 Aroclor-1248	4.51	5.13	80251051	28363444	21.916	27.293
24) L6 Aroclor-1248 {2}	5.05	5.71	29597030	34615011	14.761	22.579 #
25) L6 Aroclor-1248 {3}	5.37	6.11	40593968	19277424	16.268	17.762m
26) L6 Aroclor-1248 {4}	6.07	6.26	39046222	13956711	8.630	14.180 #
27) L6 Aroclor-1248 {5}	6.34	6.62	26851766	4197199	8.559m	7.831
Sum Aroclor-1248			216.3E6	100.4E6	70.134	89.644
Average Aroclor-1248					14.027	17.929
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

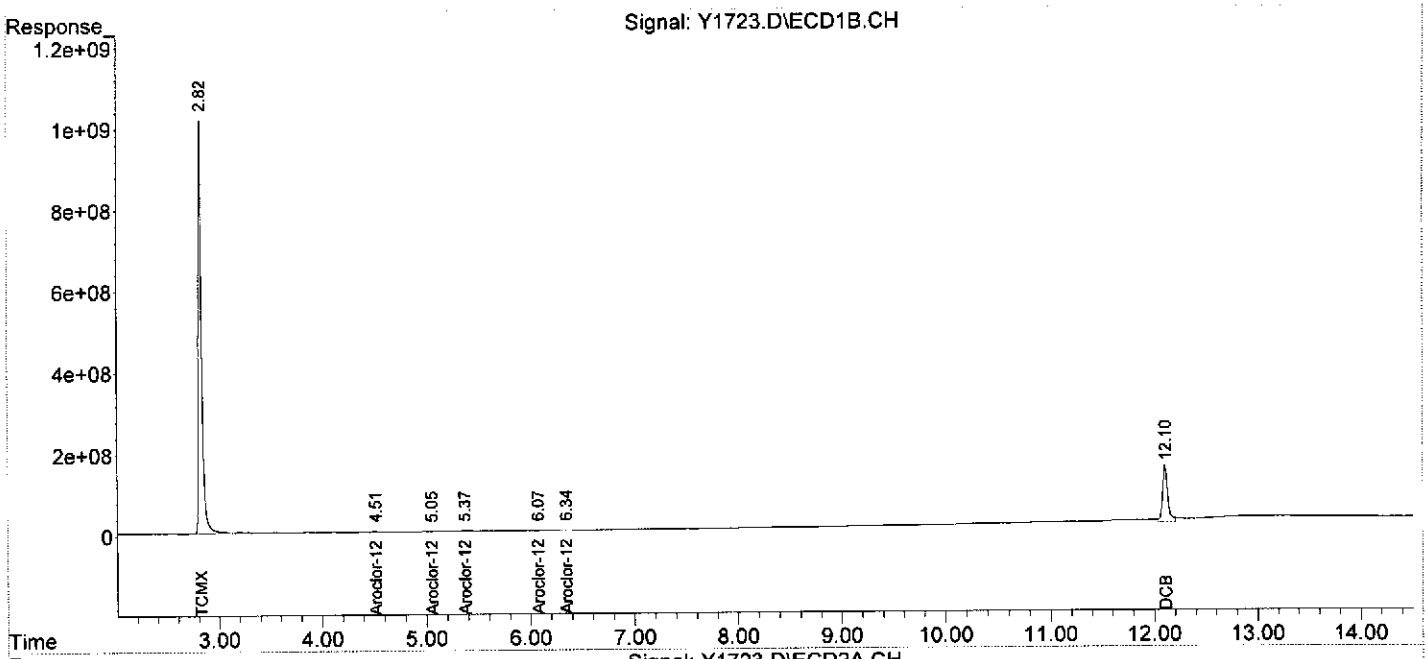
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

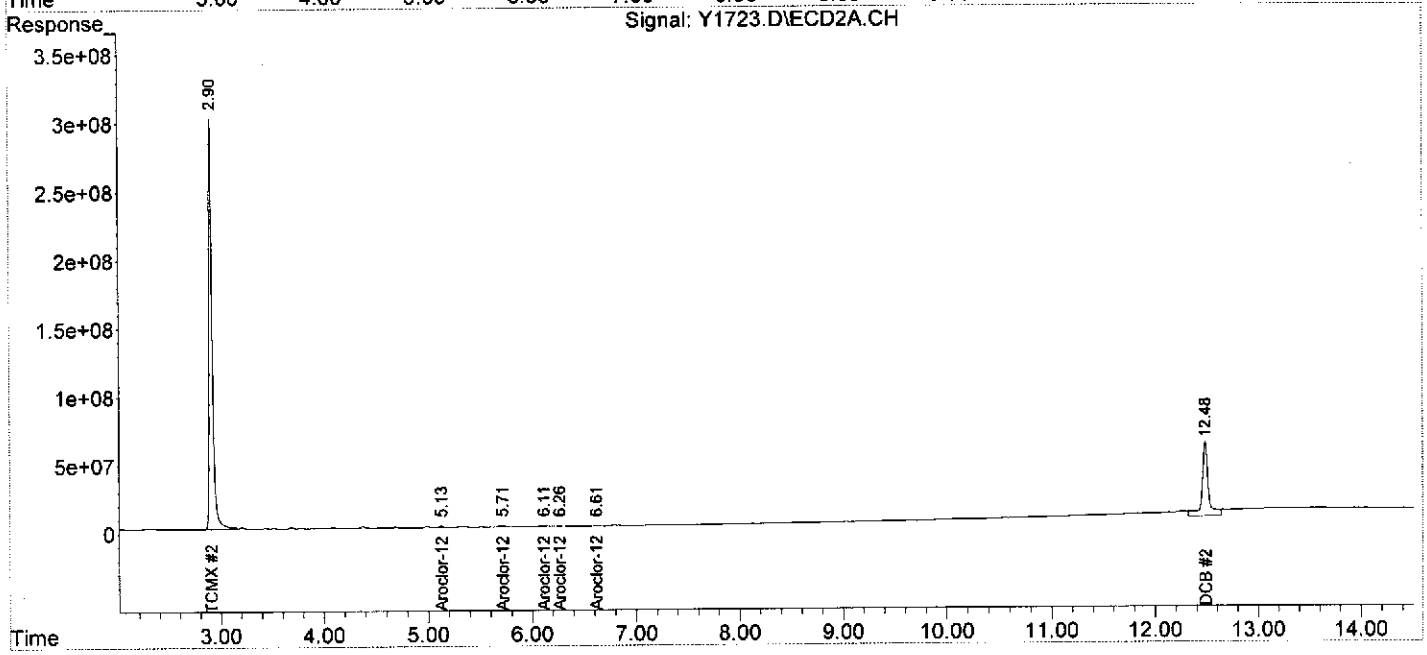
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1723.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 6:06
Operator : YG
Sample : H-31_(2.0-,09161-005,S,5.68g,8.10,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:42:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1724.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 6:23
Operator : YG
Sample : H-31_(4.0-,09161-006,S,5.22g,56.5,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:42:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	2.90	23062.2E6	8474.2E6	236.657	317.948 #
Spiked Amount 200.000			Recovery	=	118.33%	158.97%
2) S DCB	12.11	12.48	6271.4E6	2227.1E6	308.425	257.177m
Spiked Amount 200.000			Recovery	=	154.21%	128.59%
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

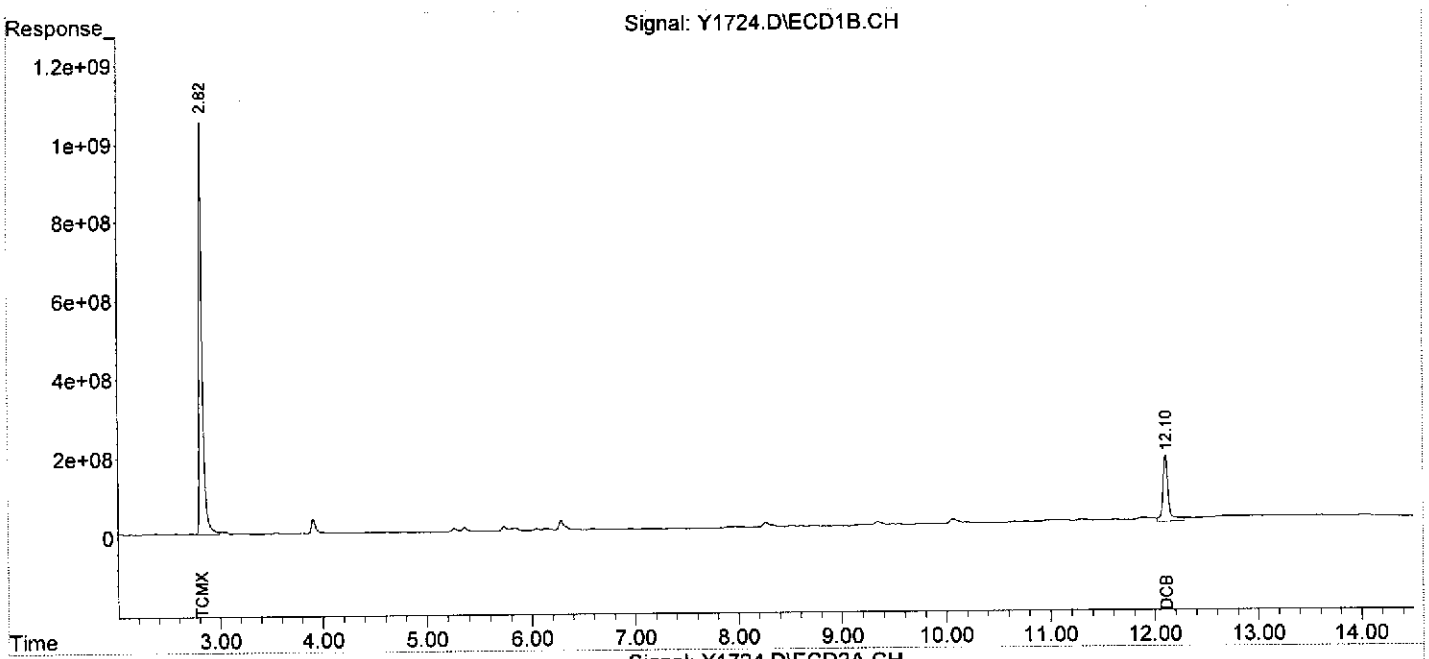
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

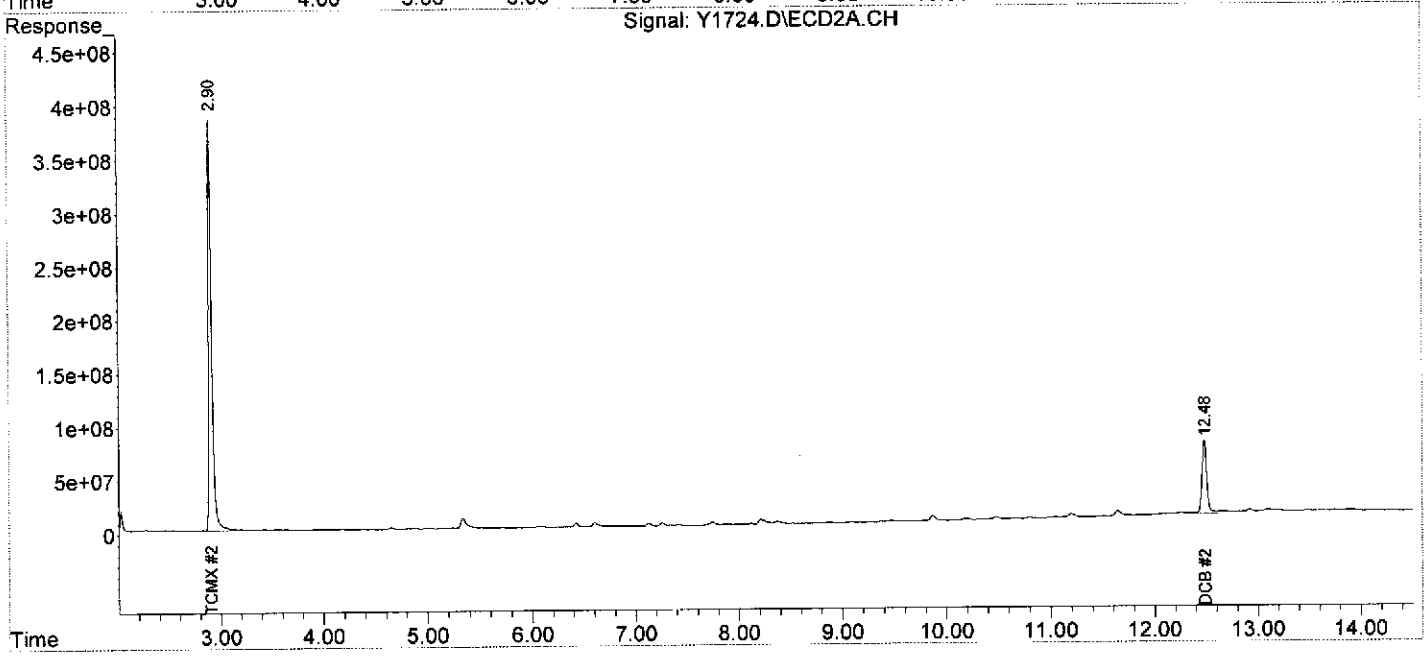
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1724.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 6:23
Operator : YG
Sample : H-31_(4.0-,09161-006,S,5.22g,56.5,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:42:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1725.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 6:40
Operator : YG
Sample : H-31_(5.0-,09161-007,S,5.79g,20.5,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:43:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	24306.8E6	7369.3E6	249.428	276.492
Spiked Amount 200.000			Recovery	=	124.71%	138.25%
2) S DCB	12.10	12.48	4465.6E6	2249.1E6	219.617	259.711
Spiked Amount 200.000			Recovery	=	109.81%	129.86%
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

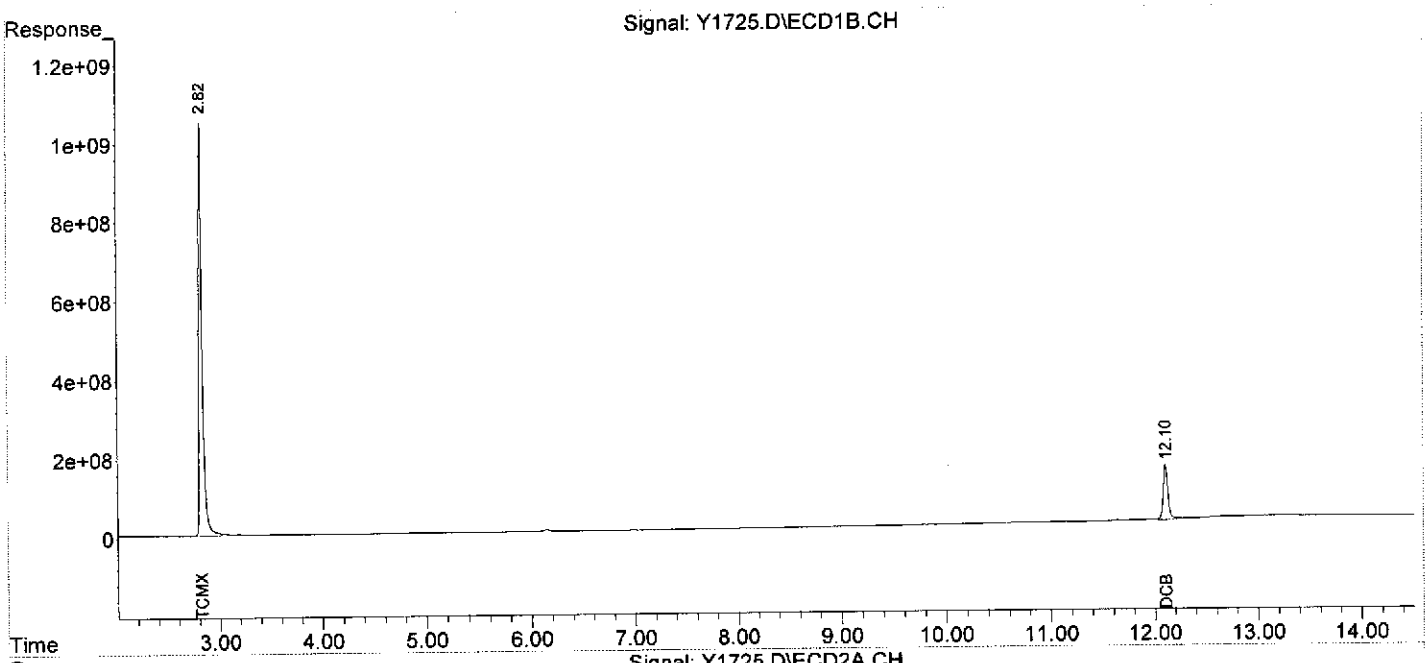
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

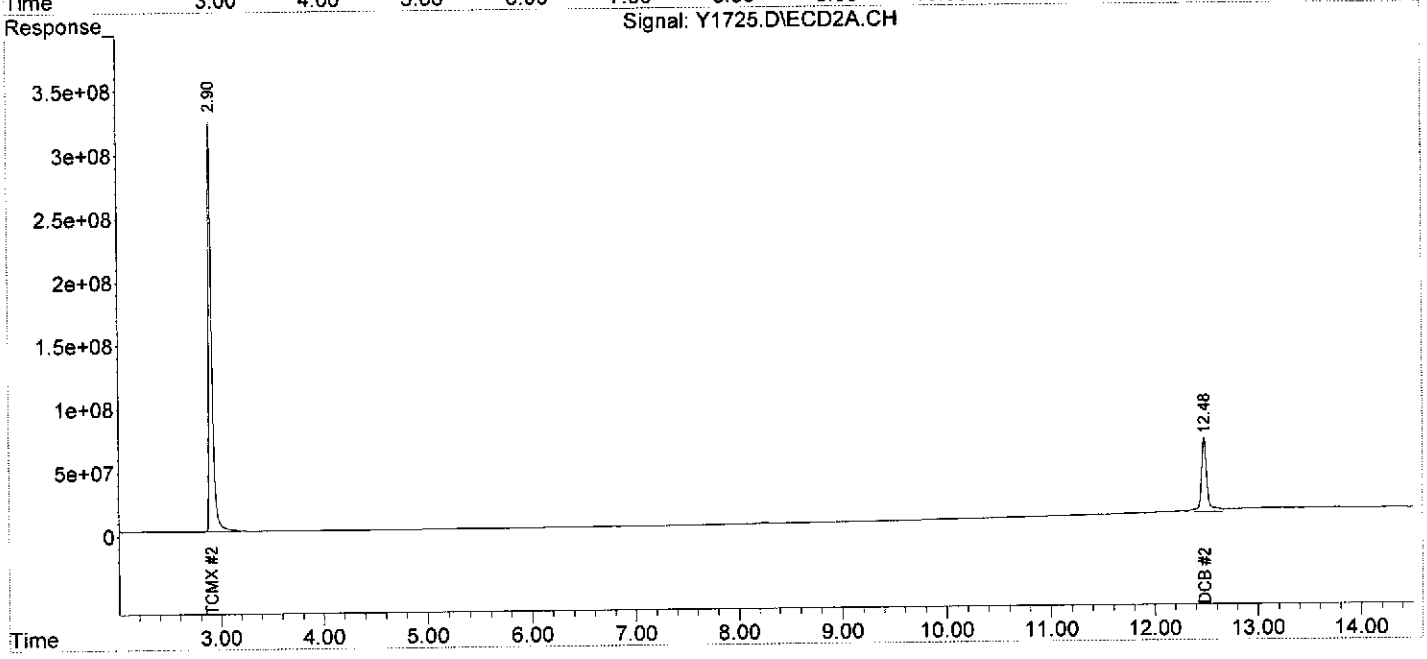
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1725.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 6:40
Operator : YG
Sample : H-31_(5.0-,09161-007,S,5.79g,20.5,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 44 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:43:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-14-12\
Data File : Y1769.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:37
Operator : IB
Sample : G-31_(0-2.,09161-008,S,5.45g,10.3,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,20
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 09:06:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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	1079.1E6	348.8E6	11.074	13.087
Spiked Amount 200.000			Recovery	=	5.54%	6.54%
2) S DCB	12.11	12.48	228.9E6	79887723	11.259m	9.225m
Spiked Amount 200.000			Recovery	=	5.63%	4.61%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	5922.7E6	1762.2E6	1617.483	1695.712
24) L6 Aroclor-1248 {2}	5.05	5.71	1869.4E6	1766.8E6	932.327	1152.480
25) L6 Aroclor-1248 {3}	5.37	6.11	3359.2E6	1350.6E6	1346.165	1244.436
26) L6 Aroclor-1248 {4}	6.07	6.26	5641.7E6	1111.7E6	1246.940	1129.445
27) L6 Aroclor-1248 {5}	6.34	6.62	3946.4E6	635.0E6	1257.878	1184.692
Sum Aroclor-1248			20739.4E6	6626.3E6	6400.793	6406.765
Average Aroclor-1248					1280.159	1281.353
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

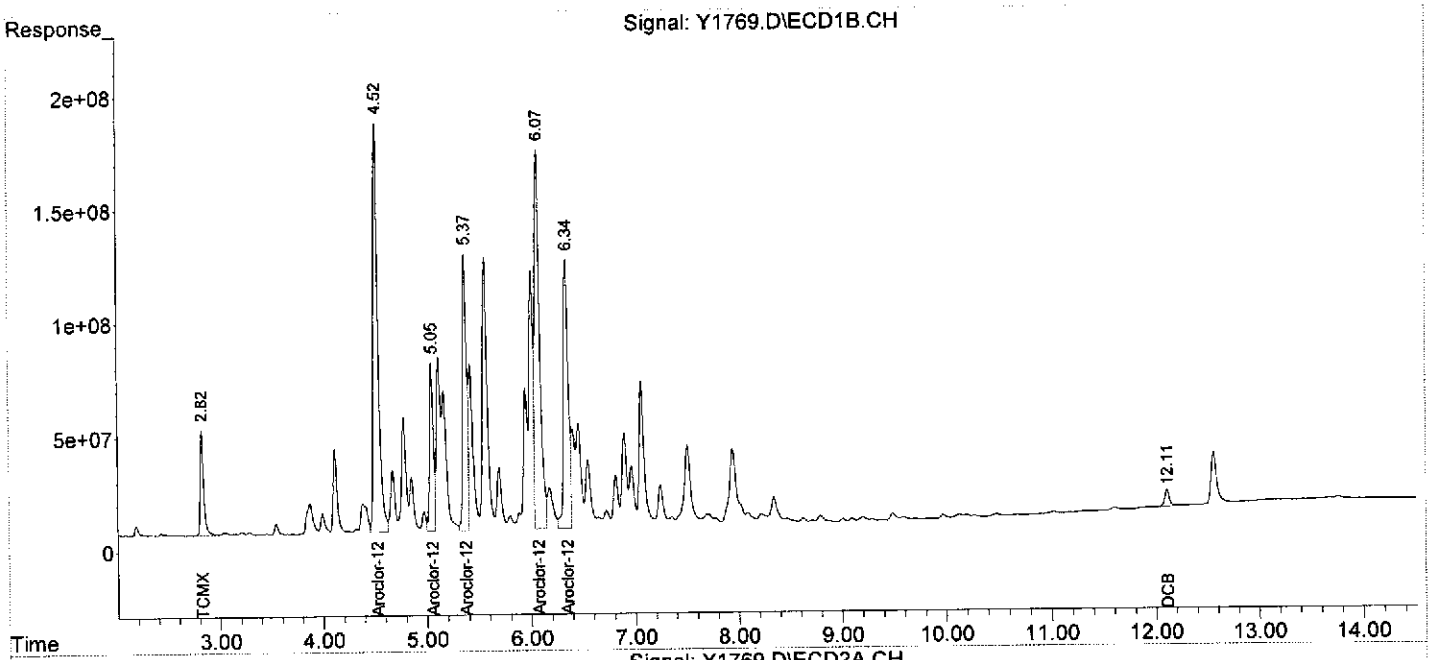
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

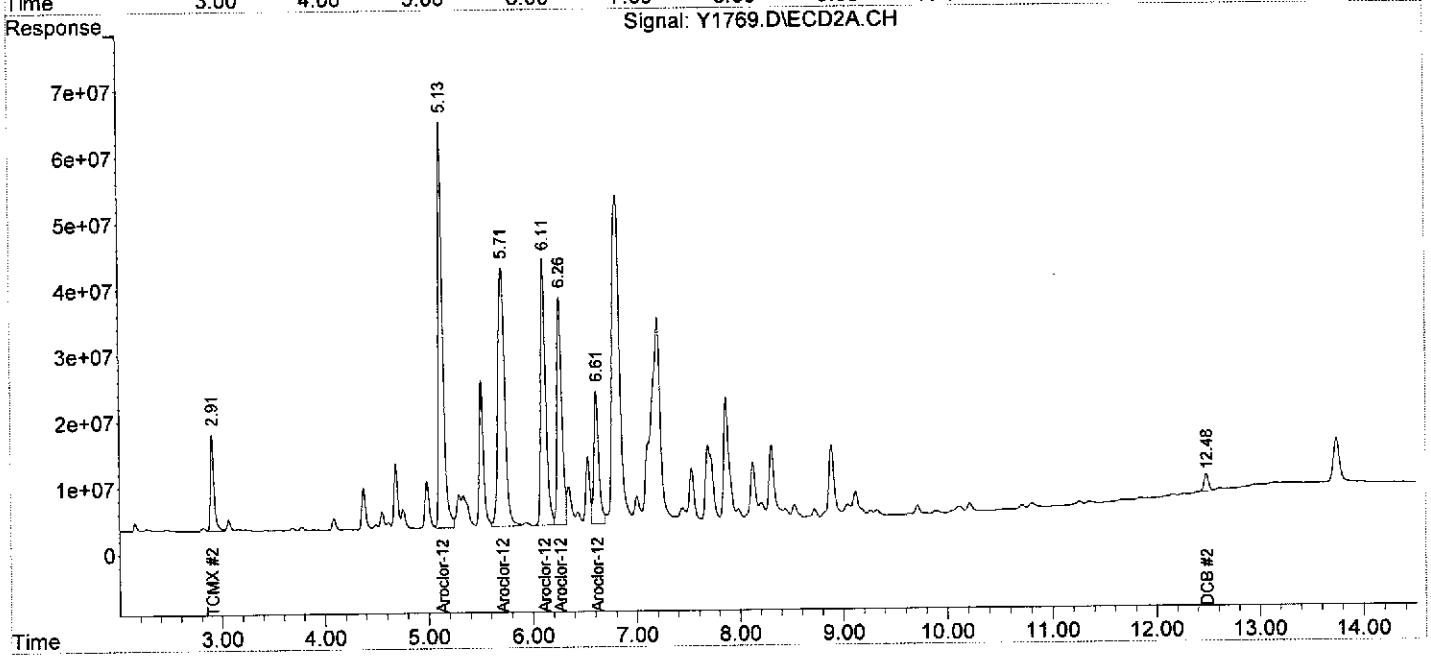
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : Y1769.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:37
Operator : IB
Sample : G-31_(0-2.,09161-008,S,5.45g,10.3,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,20
ALS Vial : 45 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 09:06:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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\09-13-12\
Data File : Y1727.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 7:15
Operator : YG
Sample : G-31_(2.0-,09161-009,S,5.07g,21.9,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:44:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	22220.4E6	7096.2E6	228.018	266.245
Spiked Amount 200.000			Recovery	=	114.01%	133.12%
2) S DCB	12.10	12.48	4726.3E6	2434.4E6	232.434	281.112m
Spiked Amount 200.000			Recovery	=	116.22%	140.56%
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
23) L6 Aroclor-1248	4.52	5.13	4986.3E6	1492.1E6	1361.740	1435.796
24) L6 Aroclor-1248 {2}	5.05	5.71	1493.6E6	1458.8E6	744.930	951.568 #
25) L6 Aroclor-1248 {3}	5.37	6.11	4226.1E6	1163.0E6	1693.545	1071.547 #
26) L6 Aroclor-1248 {4}	6.07	6.26	3856.0E6	966.4E6	852.267	981.895
27) L6 Aroclor-1248 {5}	6.34	6.61	3025.3E6	526.6E6	964.280	982.590
Sum Aroclor-1248			17587.2E6	5607.0E6	5616.761	5423.396
Average Aroclor-1248					1123.352	1084.679
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

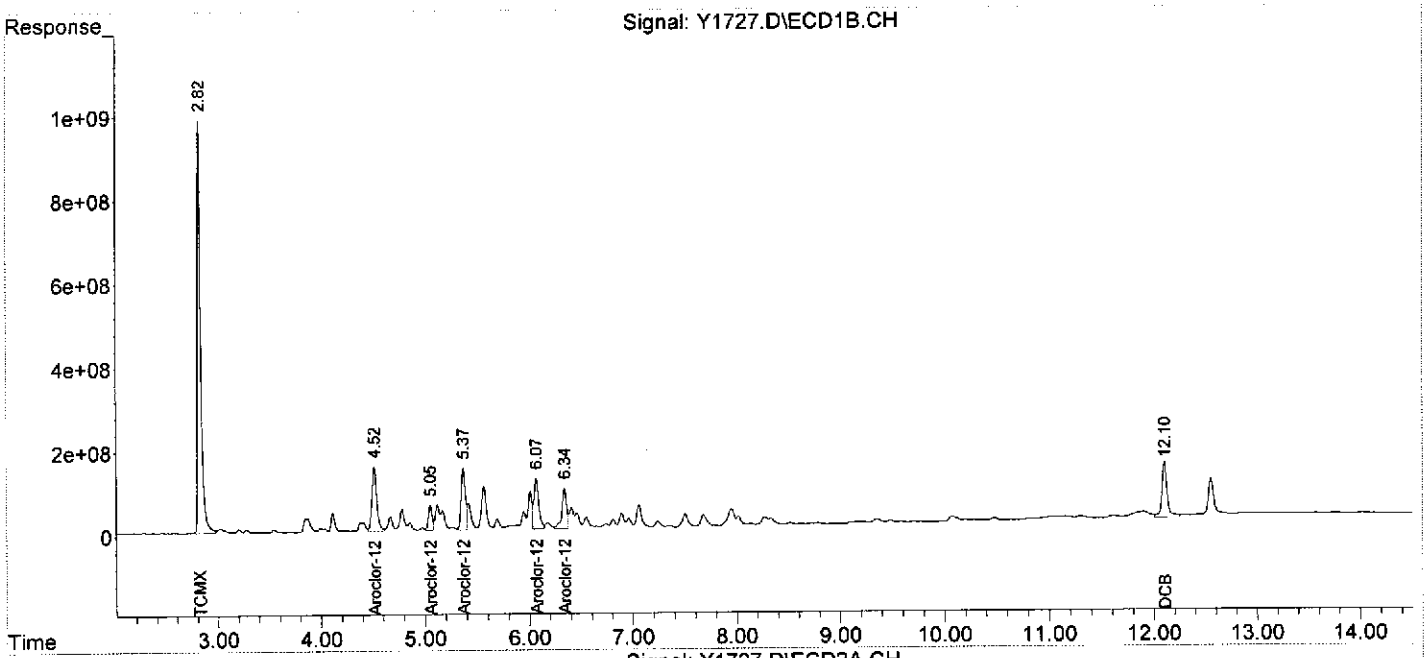
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

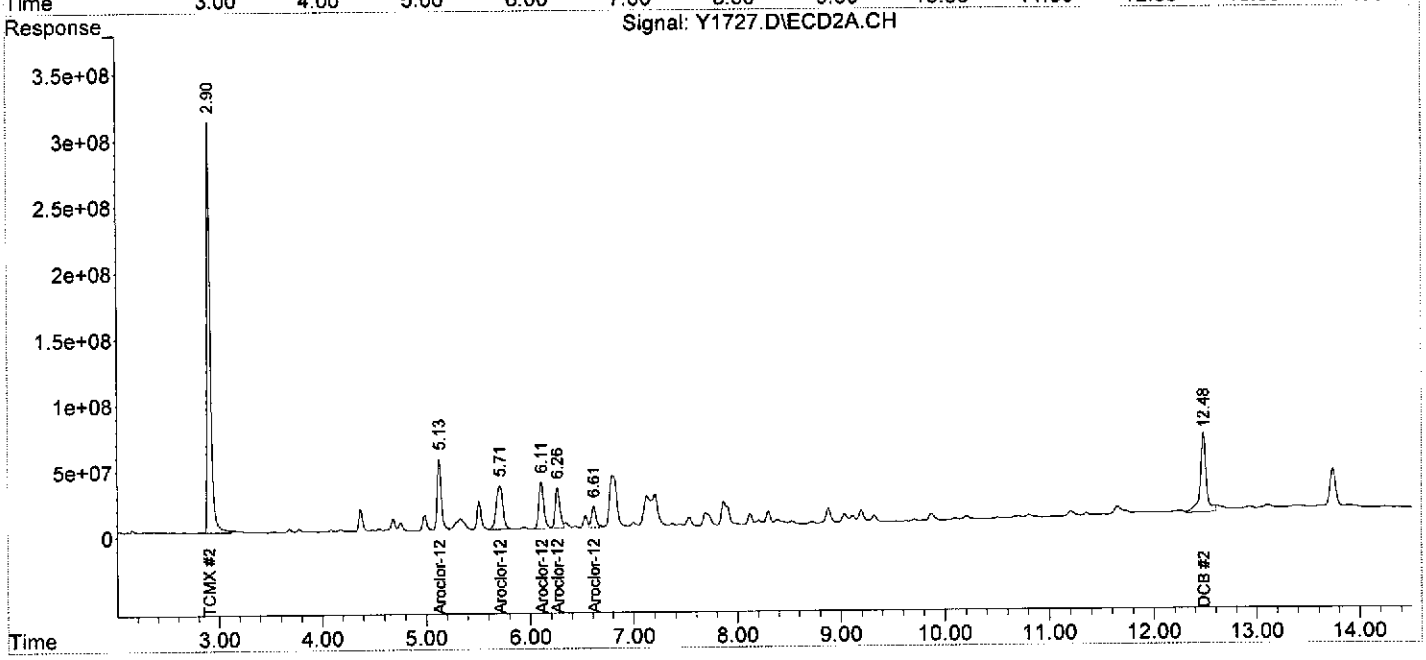
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1727.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 7:15
Operator : YG
Sample : G-31_(2.0-,09161-009,S,5.07g,21.9,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:44:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1728.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 7:32
Operator : YG
Sample : G-31_(4.0-,09161-010,S,5.07g,33.6,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:45:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	2.90	22344.0E6	7091.5E6	229.287	266.069
Spiked Amount 200.000			Recovery	=	114.64%	133.03%
2) S DCB	12.10	12.48	5220.9E6	2073.3E6	256.761	239.417
Spiked Amount 200.000			Recovery	=	128.38%	119.71%
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	4.52	5.13	7192.7E6	2105.7E6	1964.304m	2026.241m
24) L6 Aroclor-1248 {2}	5.05	5.71	2087.7E6	2026.3E6	1041.237	1321.735 #
25) L6 Aroclor-1248 {3}	5.37	6.11	5177.0E6	1565.9E6	2074.620m	1442.823 #
26) L6 Aroclor-1248 {4}	6.07	6.26	5506.1E6	1355.9E6	1216.986	1377.556
27) L6 Aroclor-1248 {5}	6.34	6.61	4105.1E6	656.7E6	1308.455	1225.319
Sum Aroclor-1248			24068.6E6	7710.6E6	7605.603	7393.675
Average Aroclor-1248					1521.121	1478.735
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

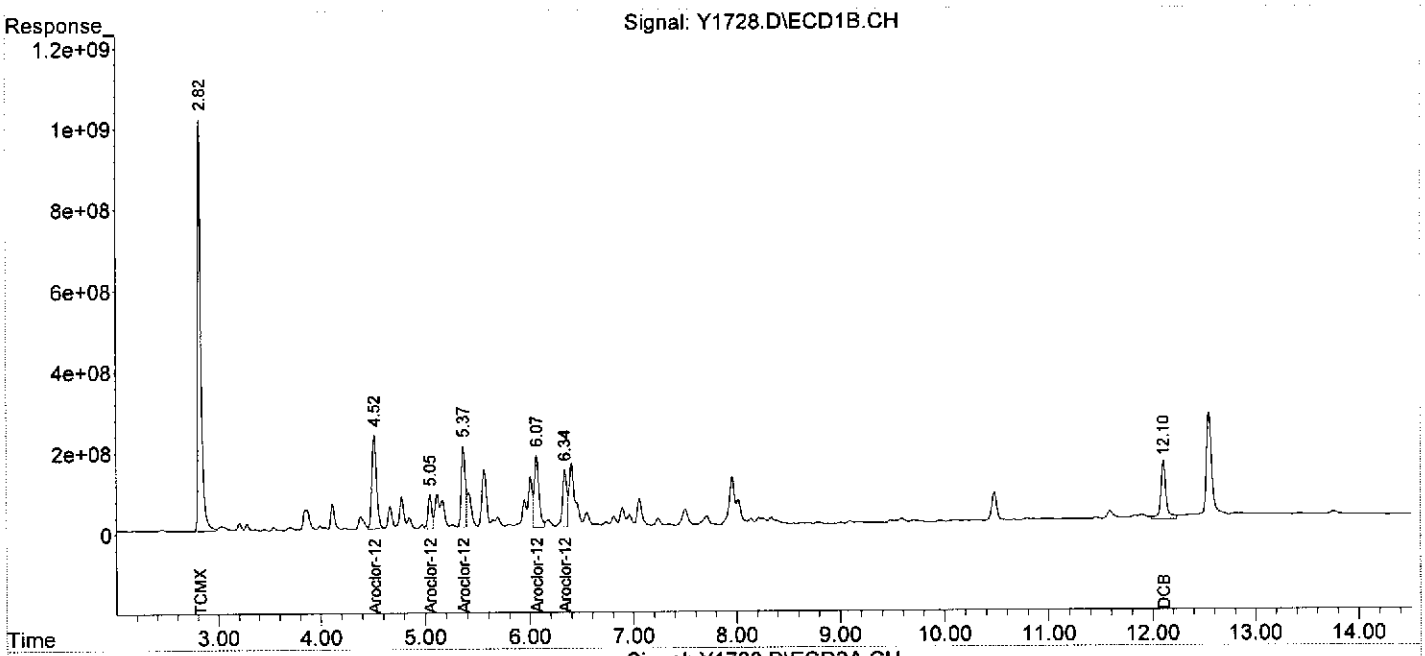
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

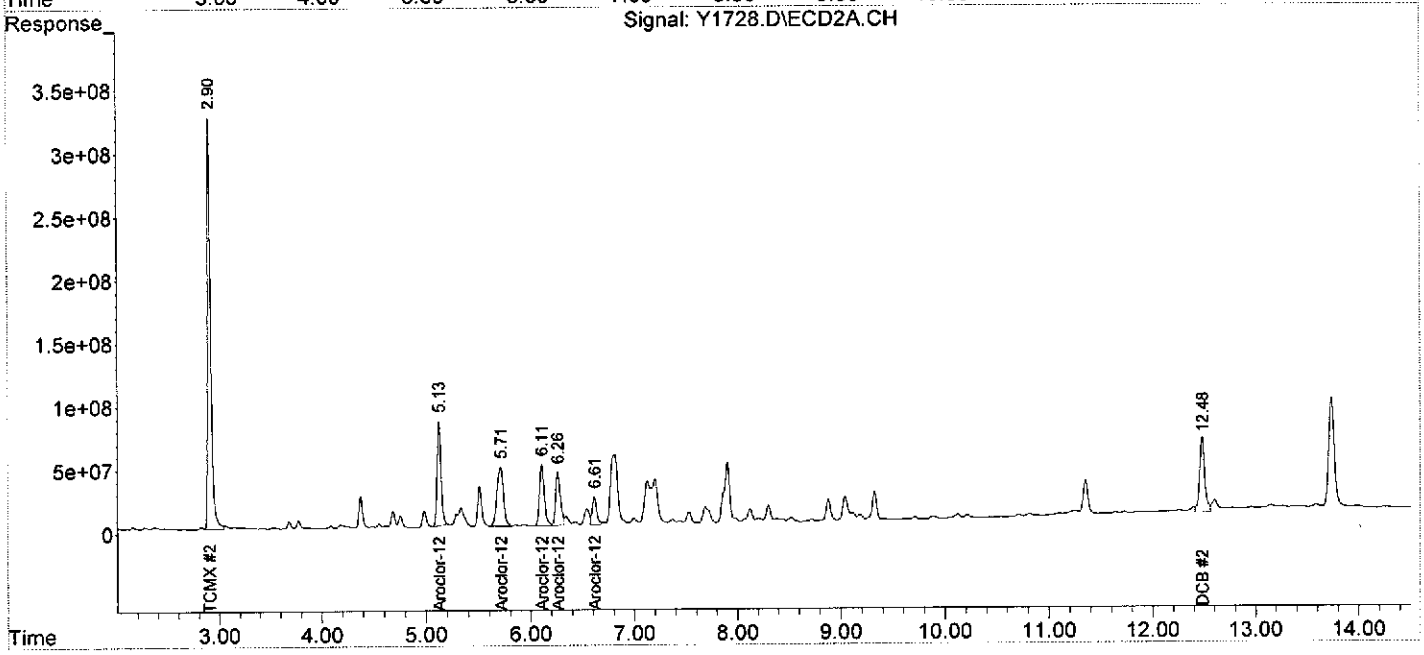
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1728.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 7:32
Operator : YG
Sample : G-31_(4.0-,09161-010,S,5.07g,33.6,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 47 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:45:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1729.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 7:49
Operator : YG
Sample : G-31_(6.0-,09161-011,S,5.29g,34.3,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:46:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	2.90	24022.4E6	7617.5E6	246.510	285.807
Spiked Amount 200.000			Recovery	=	123.26%	142.90%
2) S DCB	12.10	12.48	5381.0E6	2229.6E6	264.632	257.466
Spiked Amount 200.000			Recovery	=	132.32%	128.73%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

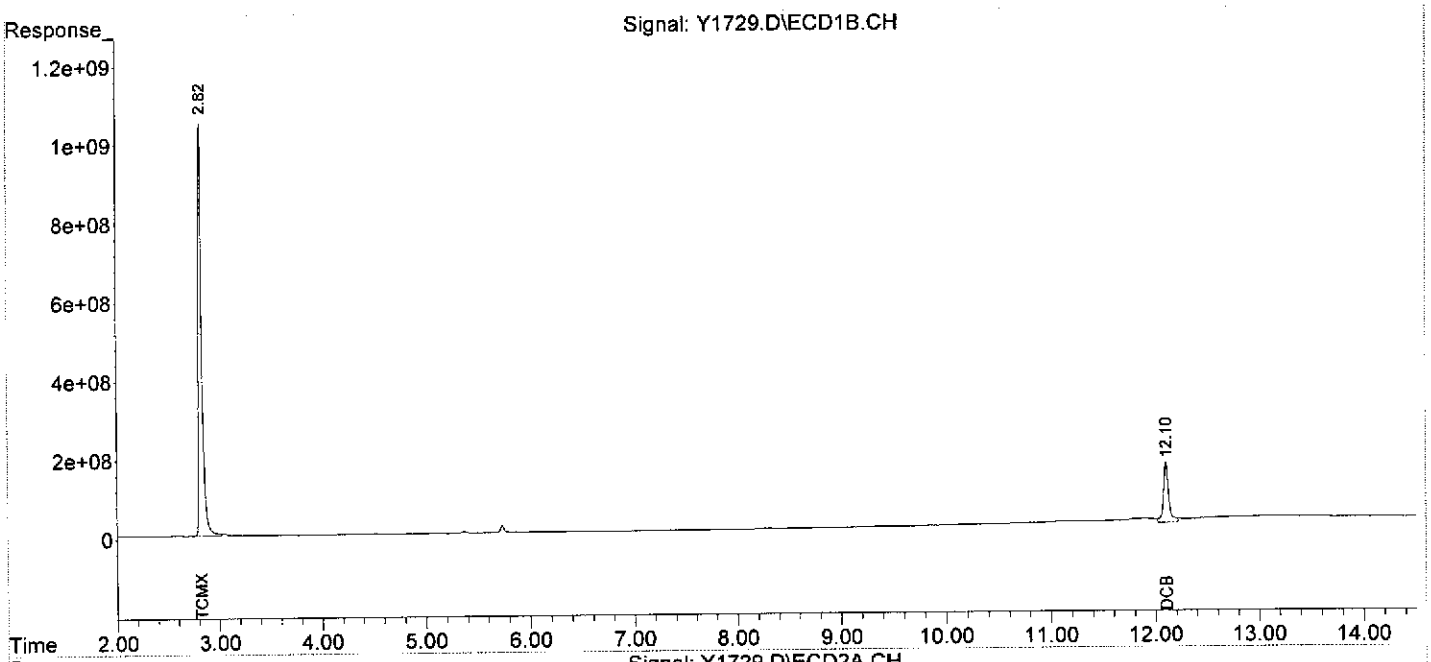
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

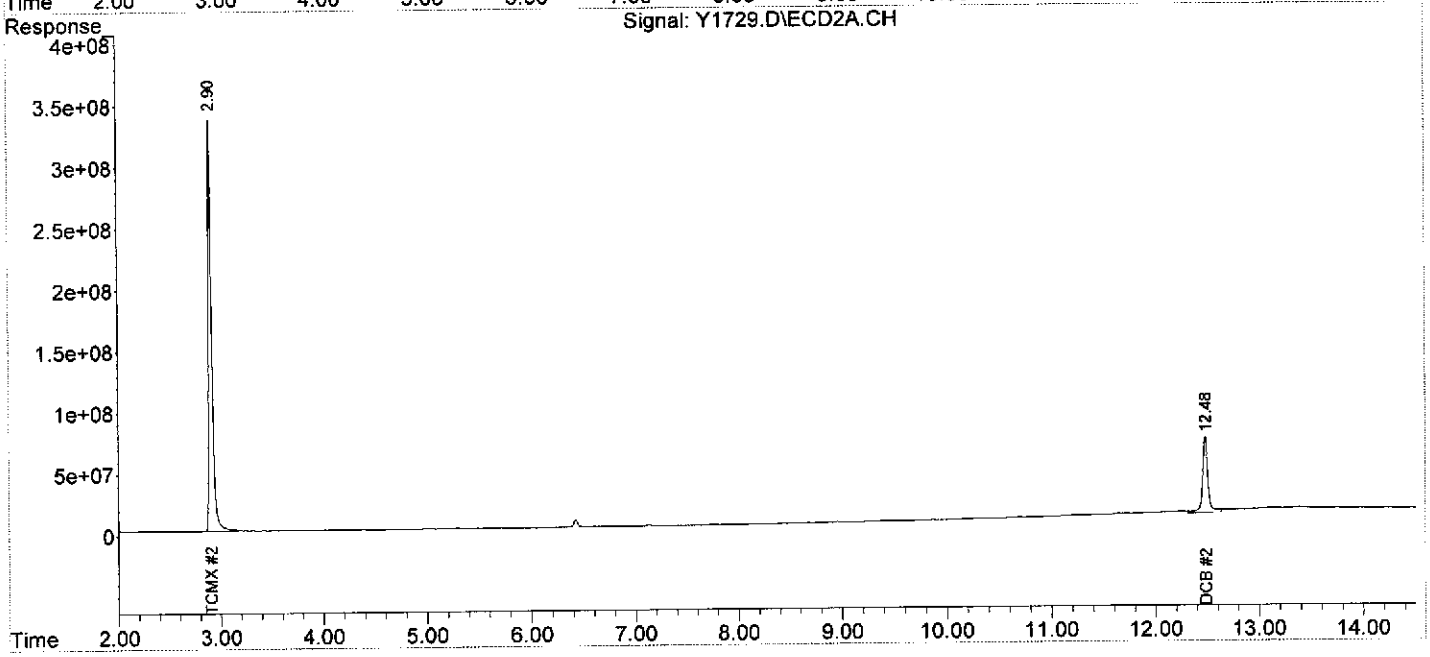
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1729.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 7:49
Operator : YG
Sample : G-31_(6.0-,09161-011,S,5.29g,34.3,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 48 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:46:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1730.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 8:06
Operator : YG
Sample : G-31_(7.0-,09161-012,S,5.91g,20.2,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:46:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	24312.4E6	7408.8E6	249.486	277.973
Spiked Amount 200.000			Recovery	=	124.74%	138.99%
2) S DCB	12.11	12.48	4530.9E6	1997.5E6	222.825	230.660
Spiked Amount 200.000			Recovery	=	111.41%	115.33%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

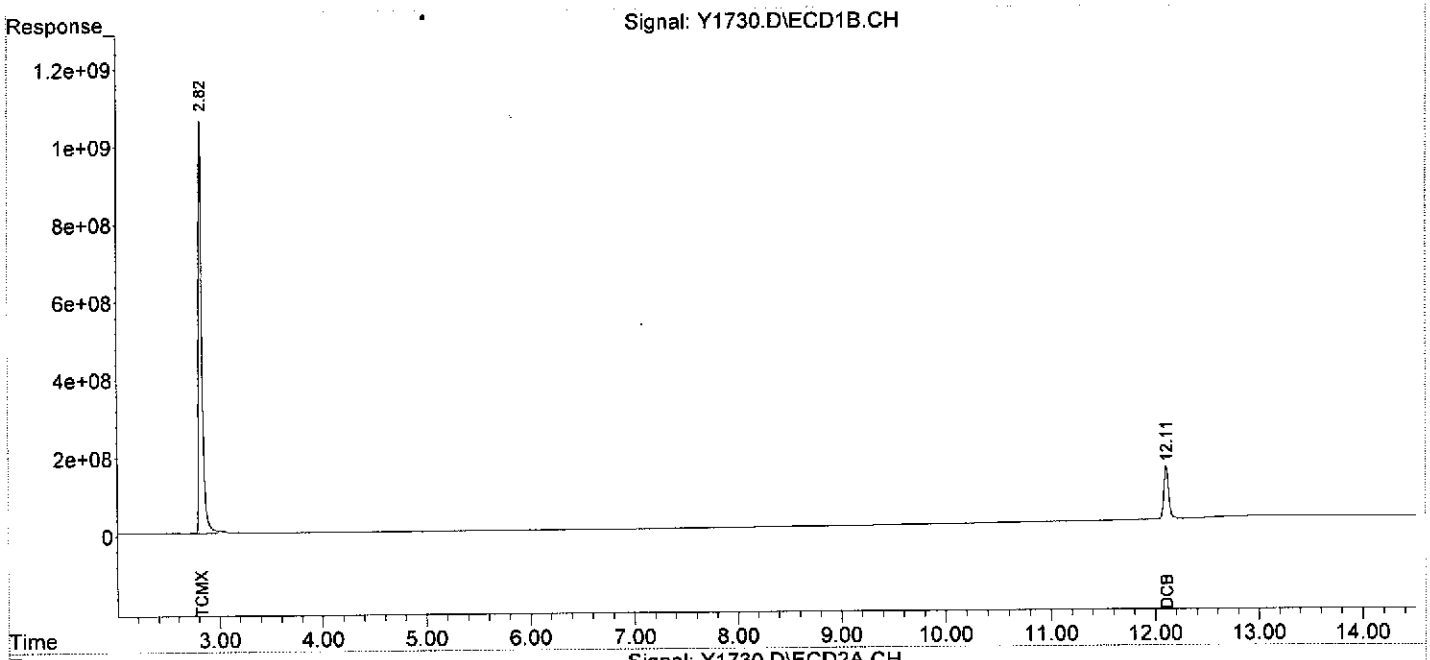
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

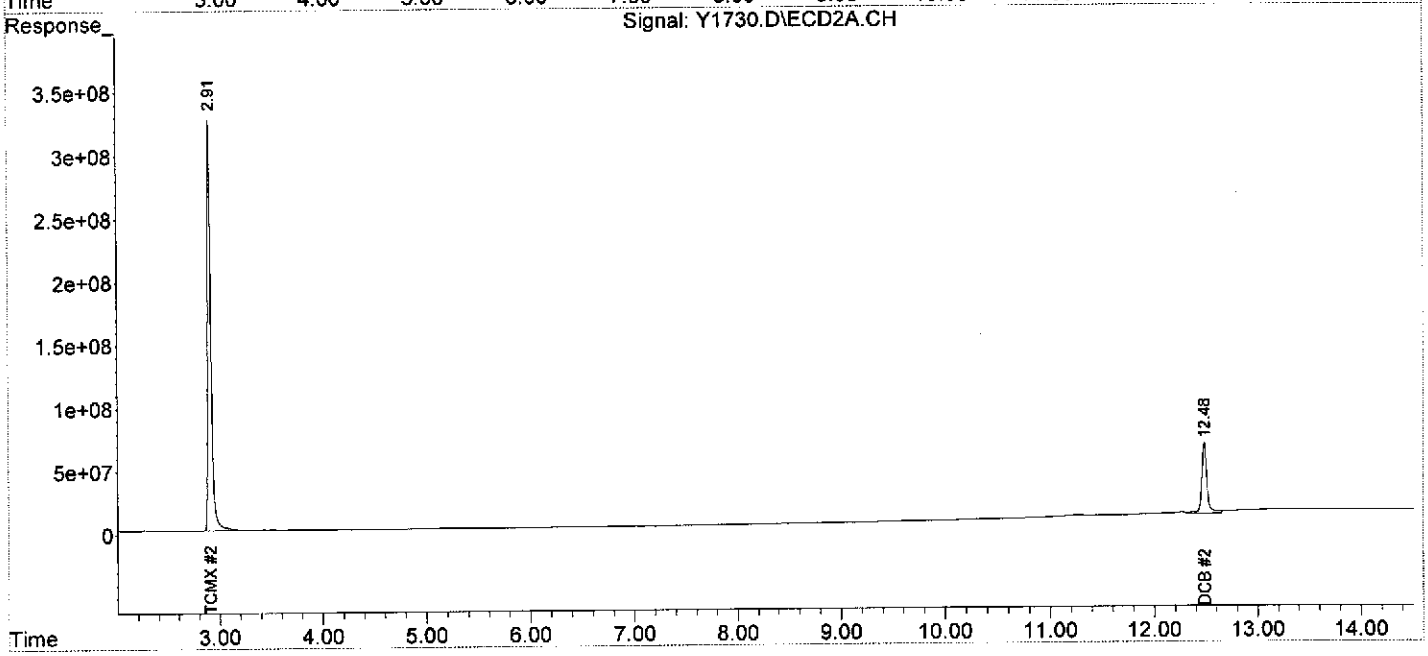
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1730.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 8:06
Operator : YG
Sample : G-31_(7.0-,09161-012,S,5.91g,20.2,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,1
ALS Vial : 49 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:46:39 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-14-12\
Data File : Y1770.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:54
Operator : IB
Sample : F-31_(0-2.,09161-013,S,5.51g,24.4,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,5
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 09:08:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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	4918.5E6	1501.0E6	50.472	56.317
Spiked Amount 200.000			Recovery =		25.24%	28.16%
2) S DCB	12.11	12.48	976.8E6	341.9E6	48.036m	39.479m
Spiked Amount 200.000			Recovery =		24.02%	19.74%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	2319.4E6	685.9E6	633.427	660.007
24) L6 Aroclor-1248 {2}	5.05	5.71	1475.4E6	1321.1E6	735.818	861.712
25) L6 Aroclor-1248 {3}	5.37	6.11	1886.2E6	909.8E6	755.857m	838.236m
26) L6 Aroclor-1248 {4}	6.07	6.26	4746.3E6	793.0E6	1049.040m	805.678m
27) L6 Aroclor-1248 {5}	6.34	6.61	3537.1E6	451.5E6	1127.418m	842.442m#
Sum Aroclor-1248			13964.3E6	4161.2E6	4301.560	4008.076
Average Aroclor-1248					860.312	801.615
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.87	3699.5E6	1111.4E6	619.790	1540.312m#
34) L8 Aroclor-1260 {2}	9.01	8.12	1348.3E6	758.0E6	586.156	727.078m
35) L8 Aroclor-1260 {3}	9.49	9.71	3772.1E6	468.6E6	597.745	542.341m
36) L8 Aroclor-1260 {4}	9.97	10.22	1568.5E6	1019.4E6	505.056	529.935m
37) L8 Aroclor-1260 {5}	11.02	10.80	881.5E6	753.7E6	650.574	546.125m
Sum Aroclor-1260			11269.9E6	4111.1E6	2959.322	3885.792
Average Aroclor-1260					591.864	777.158
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\09-14-12\
Data File : Y1770.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:54
Operator : IB
Sample : F-31_(0-2.,09161-013,S,5.51g,24.4,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,5
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 09:08:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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

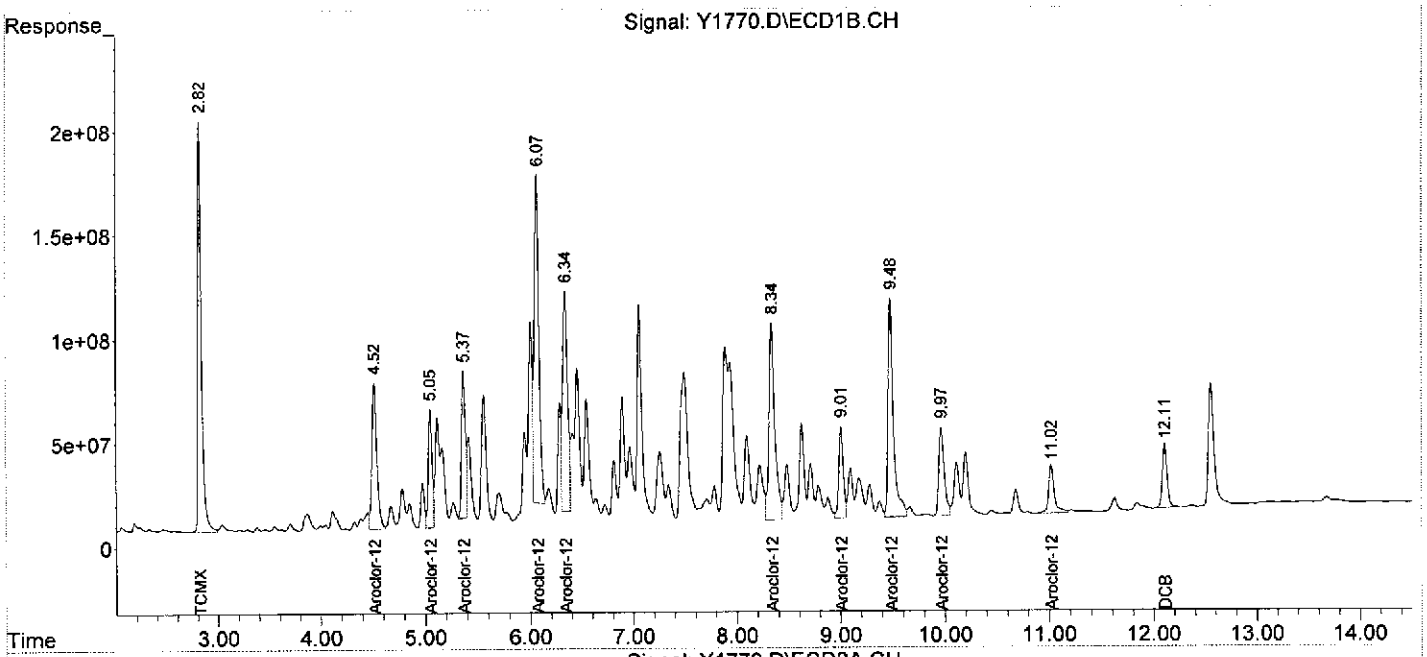
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

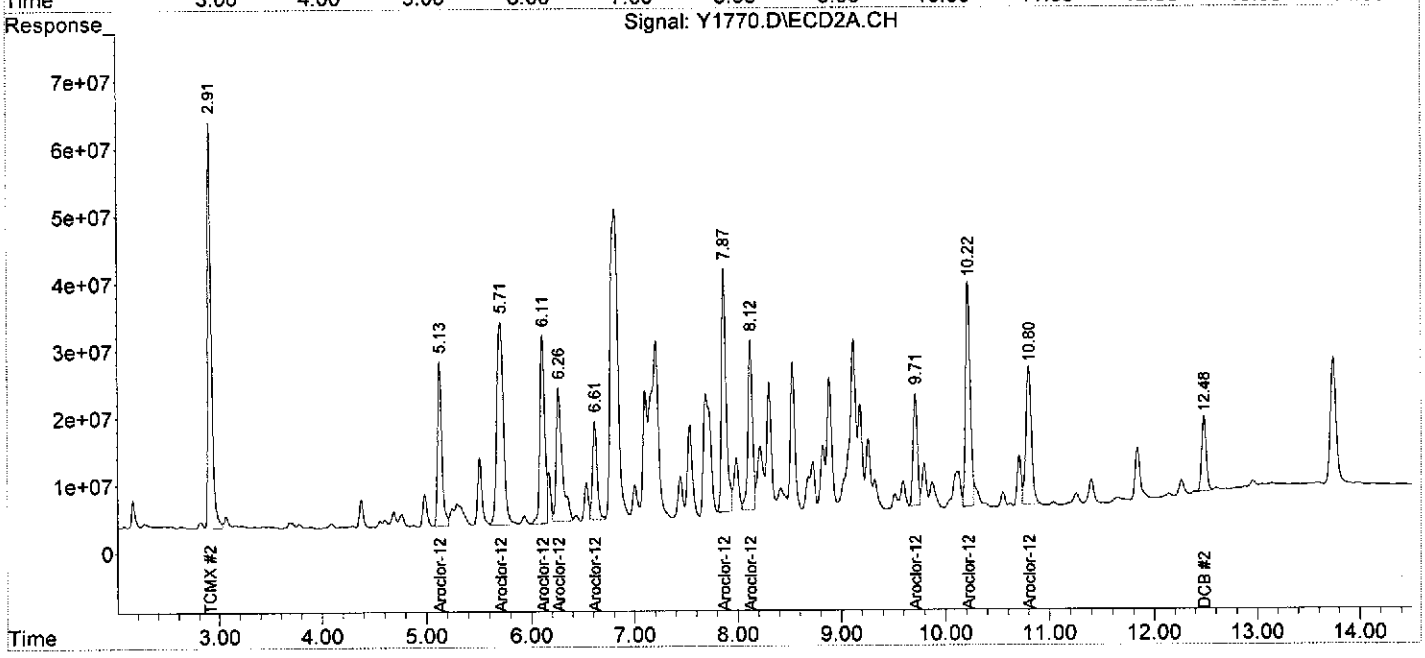
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : Y1770.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:54
Operator : IB
Sample : F-31_(0-2.,09161-013,S,5.51g,24.4,09/12/12,4
Misc : 120912-06,09/10/12,09/10/12,5
ALS Vial : 50 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 09:08:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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\09-14-12\
Data File : Y1764.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:11
Operator : IB
Sample : F-31_(2.0-,09161-014,S,5.22g,12.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:52:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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	2532.0E6	787.2E6	25.983	29.534
Spiked Amount 200.000			Recovery	=	12.99%	14.77%
2) S DCB	12.11	12.49	488.6E6	171.7E6	24.029m	19.826m
Spiked Amount 200.000			Recovery	=	12.01%	9.91%
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
23) L6 Aroclor-1248	4.52	5.13	4057.1E6	1191.7E6	1107.997	1146.699
24) L6 Aroclor-1248 {2}	5.05	5.71	1443.4E6	1616.5E6	719.893	1054.420 #
25) L6 Aroclor-1248 {3}	5.37	6.11	2423.5E6	960.4E6	971.199	884.861
26) L6 Aroclor-1248 {4}	6.07	6.26	2989.6E6	741.0E6	660.772	752.840
27) L6 Aroclor-1248 {5}	6.34	6.62	2440.5E6	309.0E6	777.887	576.453 #
Sum Aroclor-1248			13354.2E6	4818.5E6	4237.749	4415.273
Average Aroclor-1248					847.550	883.055
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

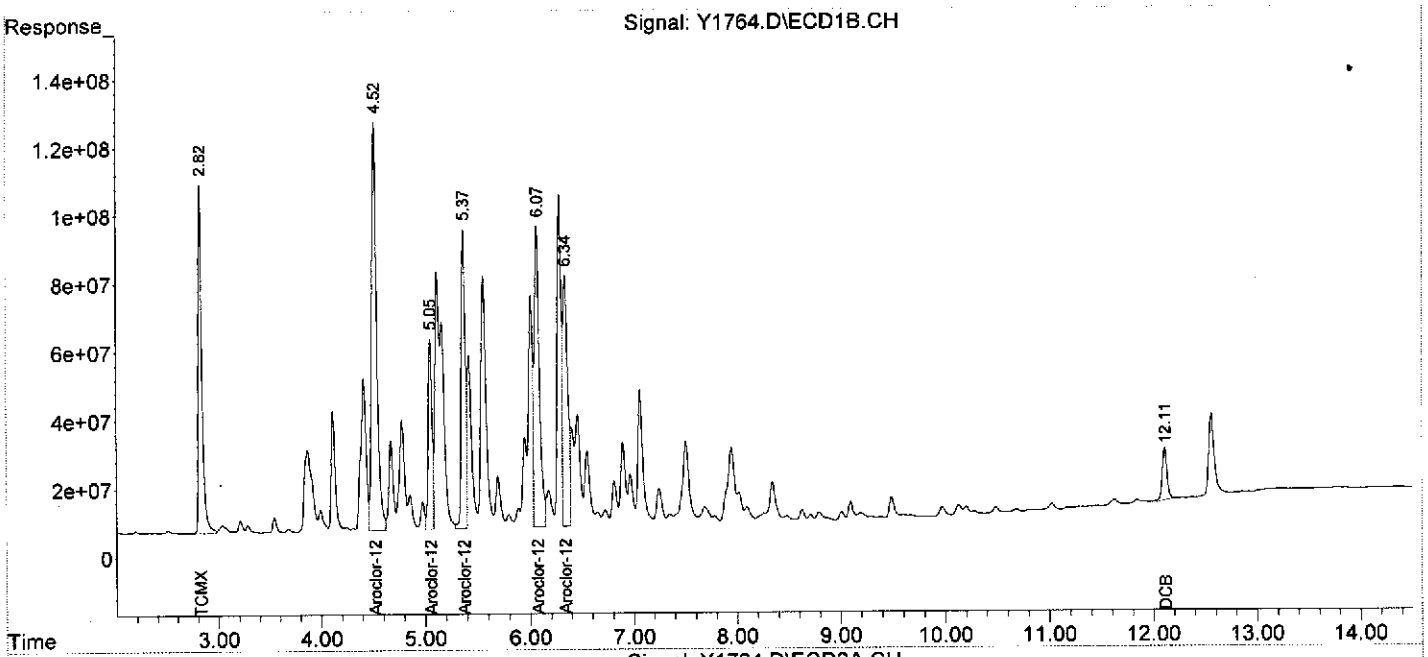
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

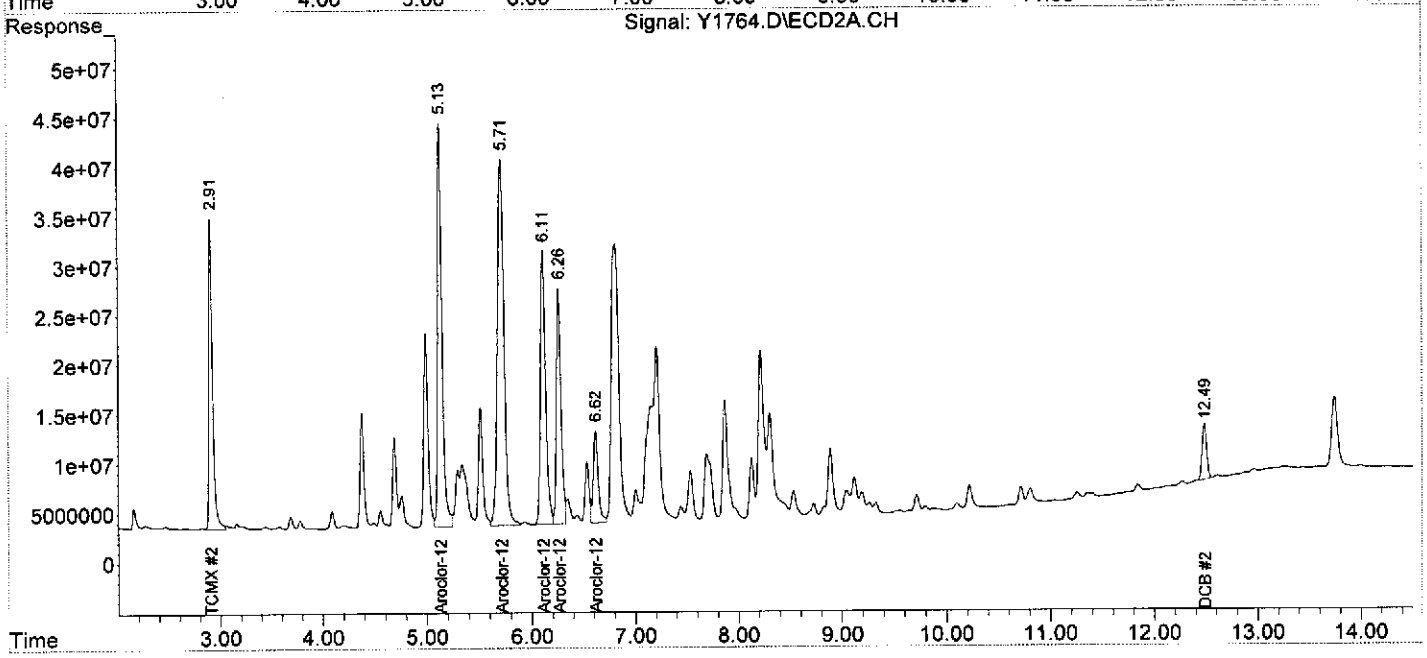
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : Y1764.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:11
Operator : IB
Sample : F-31_(2.0-,09161-014,S,5.22g,12.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:52:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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\09-13-12\
Data File : Y1687.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 19:13
Operator : YG
Sample : F-31_(4.0-,09161-015,S,5.86g,43.1,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,100
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:14:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	1366.7E6	439.7E6	373.230	423.111
24) L6 Aroclor-1248 {2}	5.05	5.72	416.6E6	544.3E6	207.792	355.048 #
25) L6 Aroclor-1248 {3}	5.37	6.11	530.0E6	284.3E6	212.385	261.985
26) L6 Aroclor-1248 {4}	6.07	6.26	922.8E6	196.9E6	203.958m	200.002
27) L6 Aroclor-1248 {5}	6.33	6.62	473.0E6	70769755	150.773m	132.042
Sum Aroclor-1248			3709.1E6	1536.0E6	1148.139	1372.189
Average Aroclor-1248					229.628	274.438
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

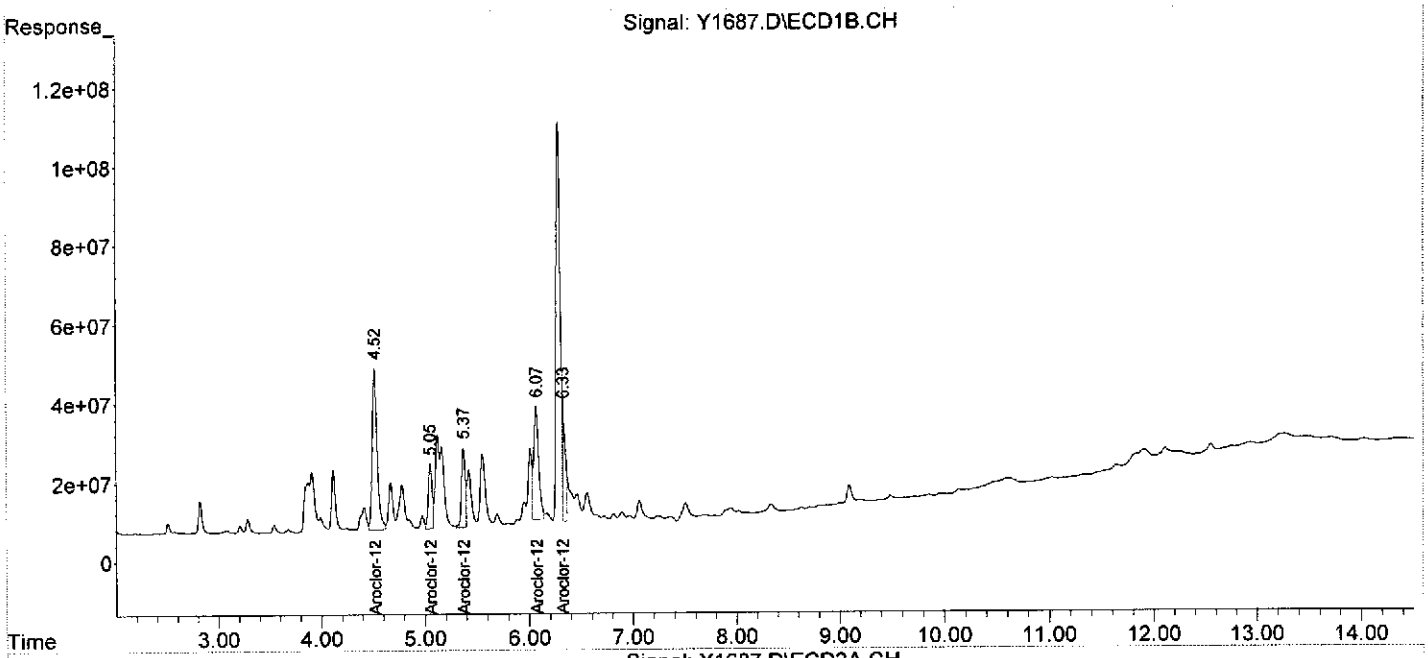
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

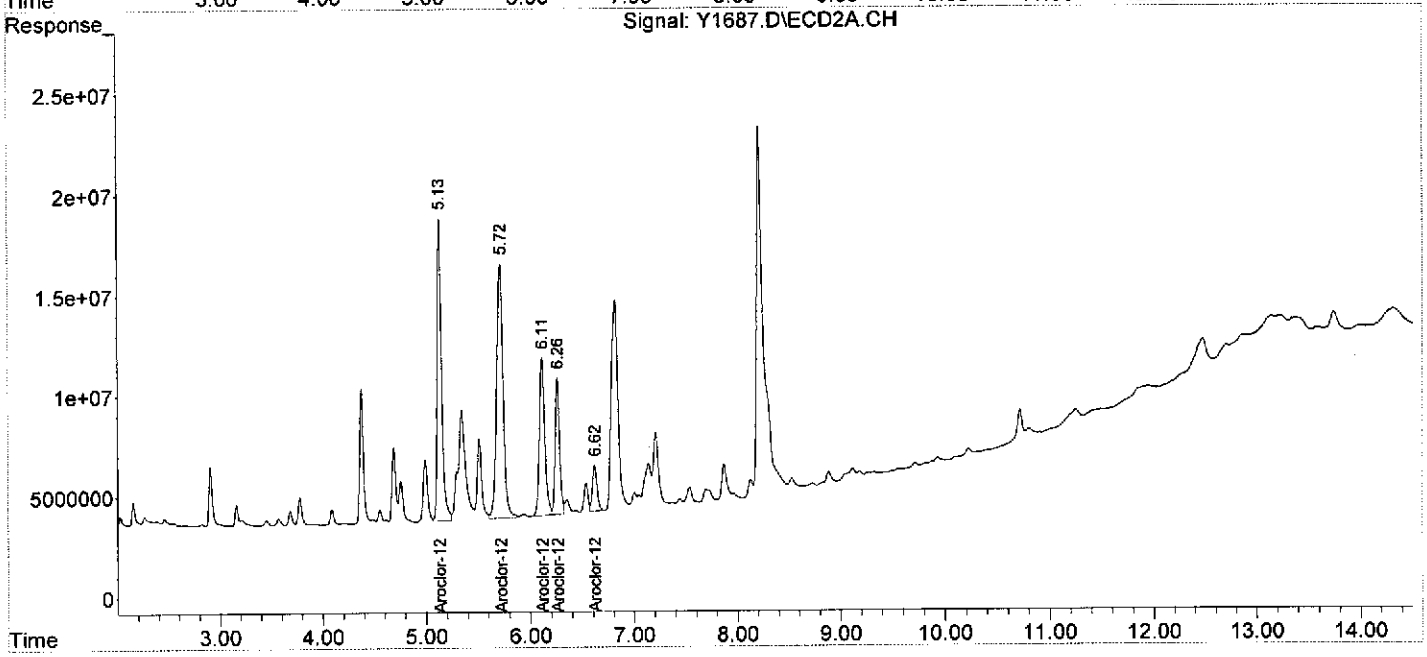
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1687.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 19:13
Operator : YG
Sample : F-31_(4.0-,09161-015,S,5.86g,43.1,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,100
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:14:30 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1688.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 19:30
Operator : YG
Sample : F-31_(4.5-,09161-016,S,5.72g,23.1,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:16:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	21616.8E6	6944.7E6	221.824	260.560
Spiked Amount 200.000			Recovery	=	110.91%	130.28%
2) S DCB	12.11	12.48	4496.7E6	1911.1E6	221.147m	220.691
Spiked Amount 200.000			Recovery	=	110.57%	110.35%
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	3611.9E6	1050.5E6	986.390	1010.859
24) L6 Aroclor-1248 {2}	5.05	5.71	1128.8E6	1334.7E6	562.955	870.635 #
25) L6 Aroclor-1248 {3}	5.37	6.11	3524.4E6	825.7E6	1412.370m	760.791 #
26) L6 Aroclor-1248 {4}	6.07	6.26	2147.9E6	523.8E6	474.735m	532.202
27) L6 Aroclor-1248 {5}	0.00	6.62	0	246.3E6	N.D. d	459.608 #
Sum Aroclor-1248			10412.9E6	3981.1E6	3436.450	3634.095
Average Aroclor-1248					859.112	726.819
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

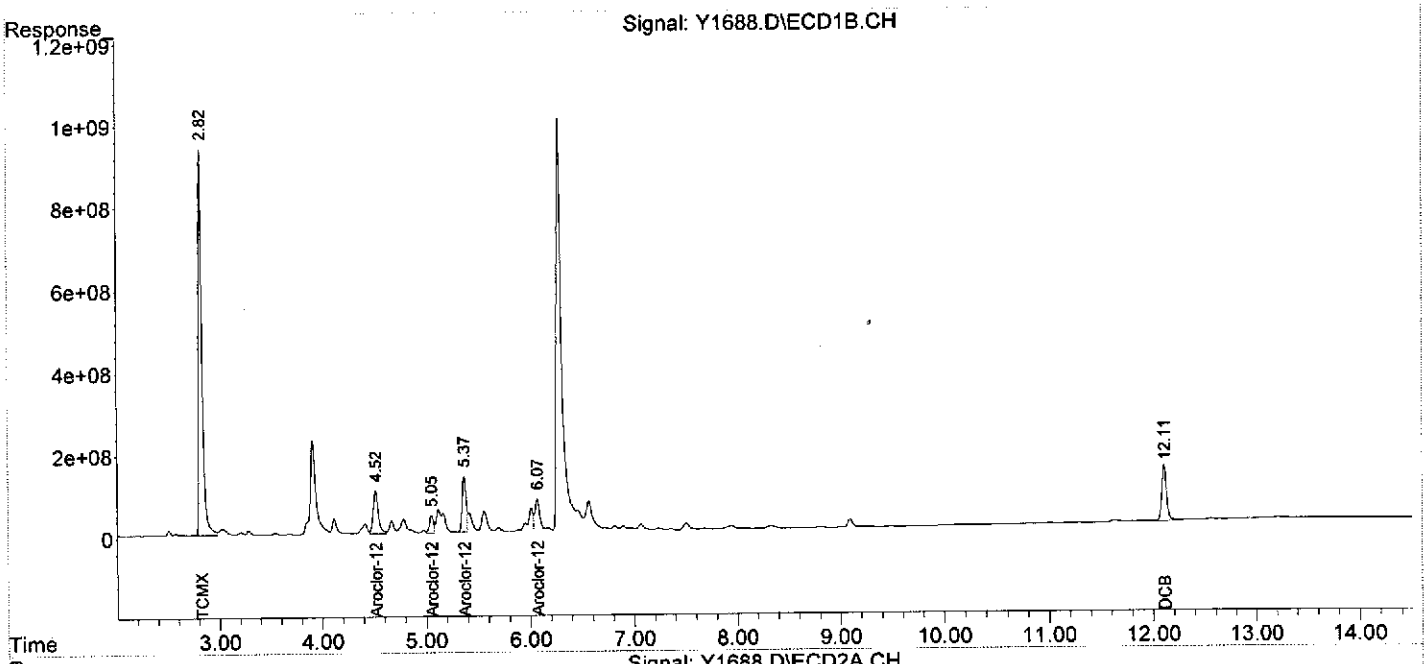
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

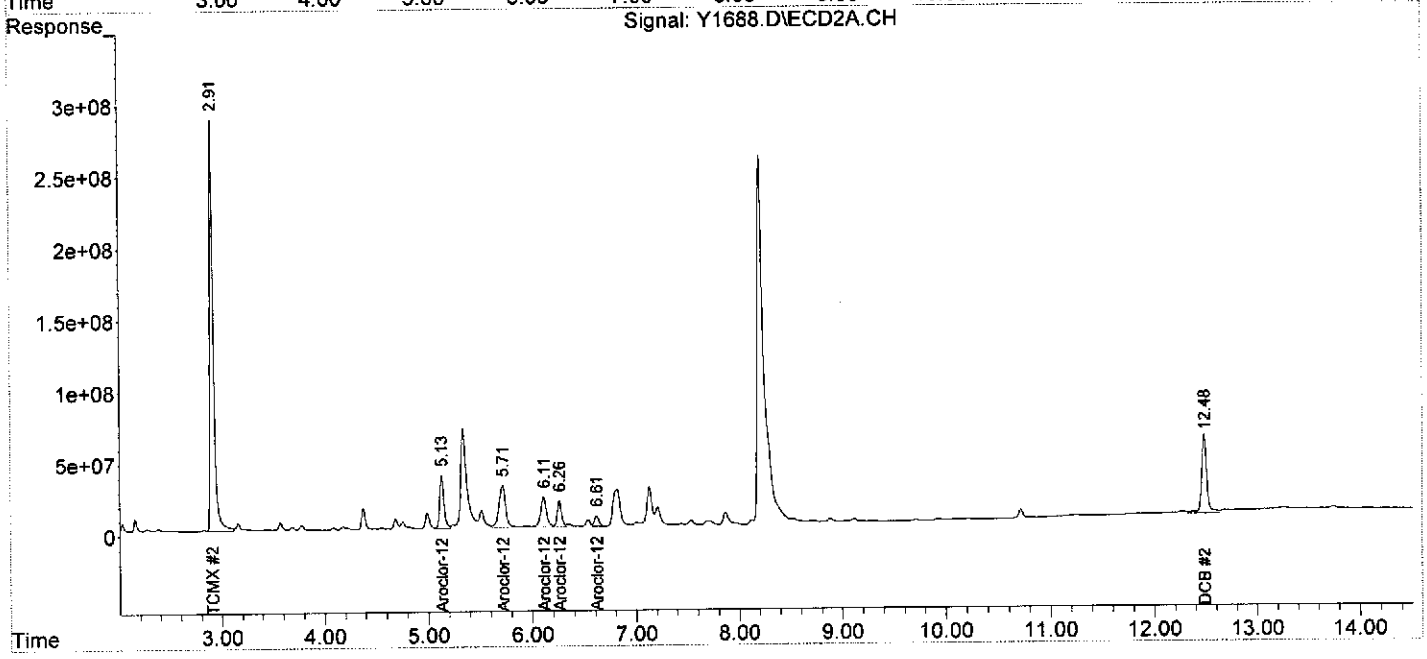
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1688.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 19:30
Operator : YG
Sample : F-31_(4.5-,09161-016,S,5.72g,23.1,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:16:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-17-12\
Data File : Y1774.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 11:20
Operator : IB
Sample : E-31_(0-2.,09161-017,S,5.99g,19.1,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 11:43:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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	2755.9E6	714.2E6	28.281	26.796
Spiked Amount 200.000			Recovery	=	14.14%	13.40%
2) S DCB	12.11	12.49	477.4E6	148.6E6	23.477m	17.158m#
Spiked Amount 200.000			Recovery	=	11.74%	8.58%
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	4.52	5.14	6771.2E6	1723.0E6	1849.215	1657.939
24) L6 Aroclor-1248 {2}	5.05	5.72	3134.1E6	2552.8E6	1563.119	1665.174
25) L6 Aroclor-1248 {3}	5.37	6.12	4140.8E6	1884.8E6	1659.372	1736.625
26) L6 Aroclor-1248 {4}	6.07	6.27	8842.3E6	1571.9E6	1954.353m	1597.034
27) L6 Aroclor-1248 {5}	6.34	6.63	5931.2E6	928.1E6	1890.508m	1731.623
Sum Aroclor-1248			28819.6E6	8660.6E6	8916.567	8388.394
Average Aroclor-1248					1783.313	1677.679
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

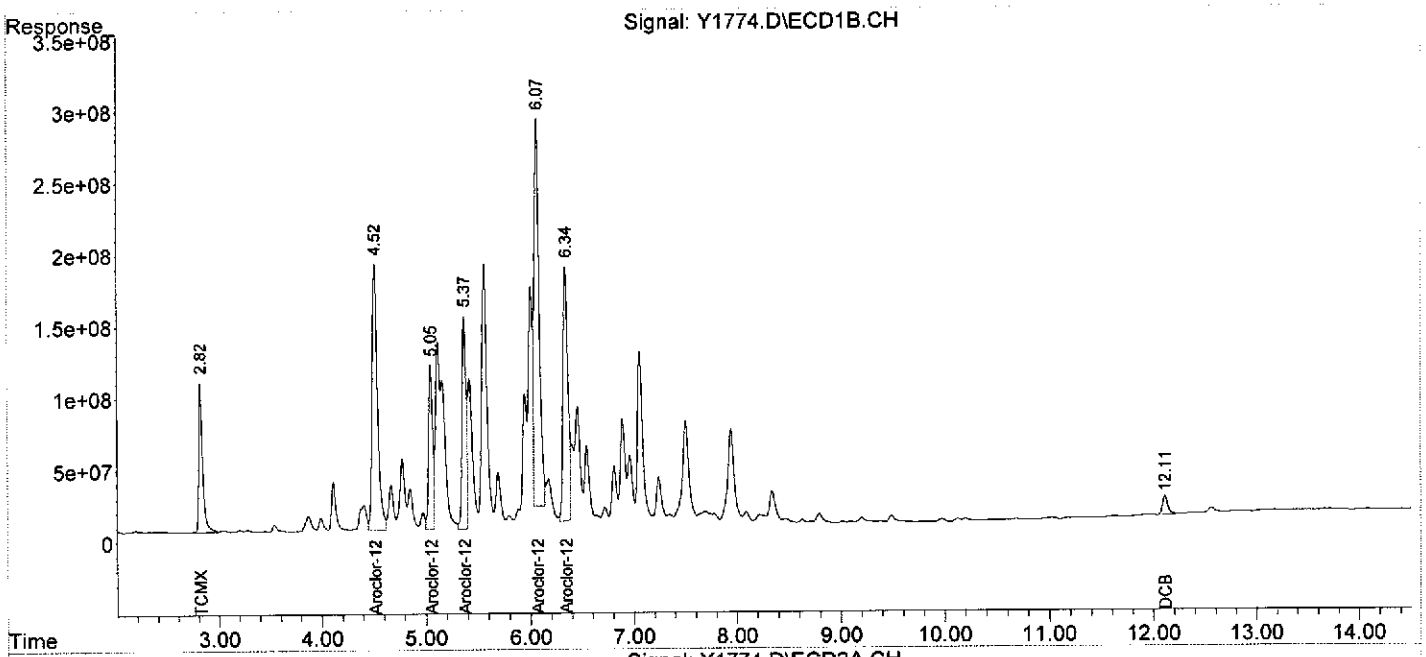
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

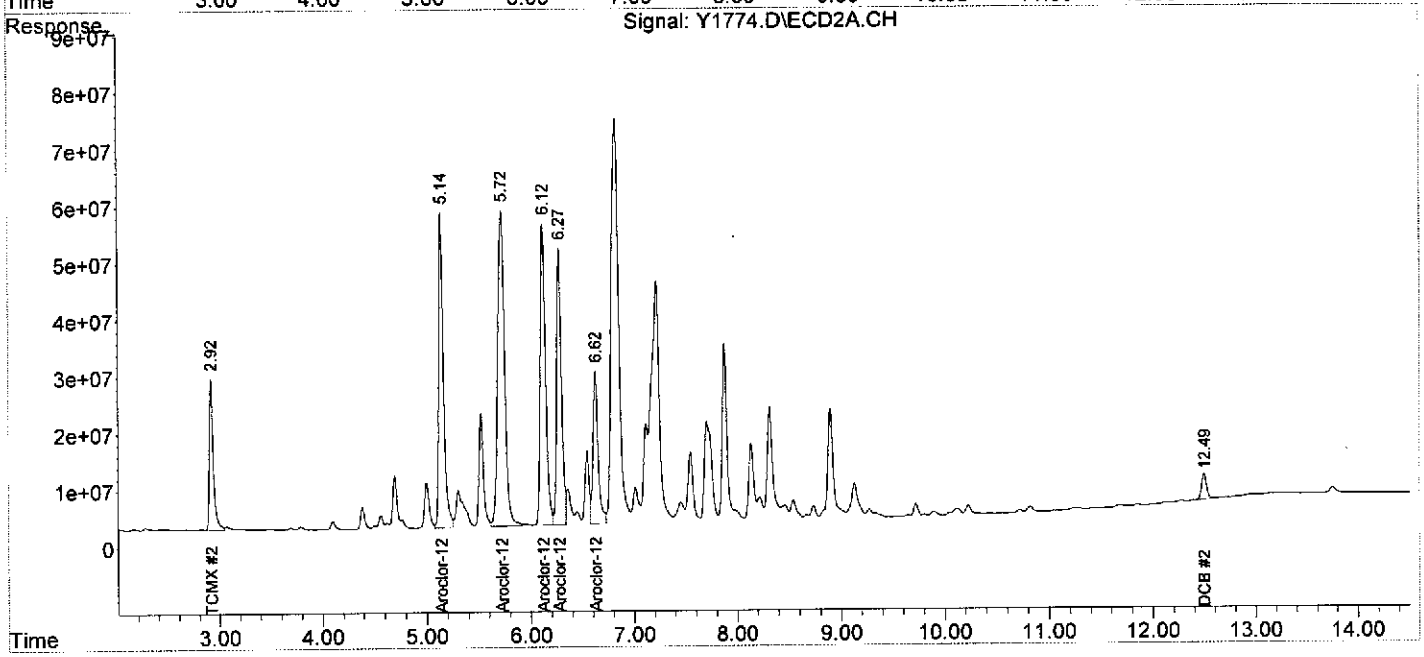
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1774.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 11:20
Operator : IB
Sample : E-31_(0-2.,09161-017,S,5.99g,19.1,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 11:43:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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\09-13-12\
Data File : Y1690.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 20:05
Operator : YG
Sample : E-31_(2.0-,09161-018,S,5.36g,34.9,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:17:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	21774.4E6	7810.9E6	223.442	293.063 #
Spiked Amount 200.000			Recovery	=	111.72%	146.53%
2) S DCB	12.10	12.48	4593.3E6	2027.4E6	225.896m	234.117m
Spiked Amount 200.000			Recovery	=	112.95%	117.06%
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
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

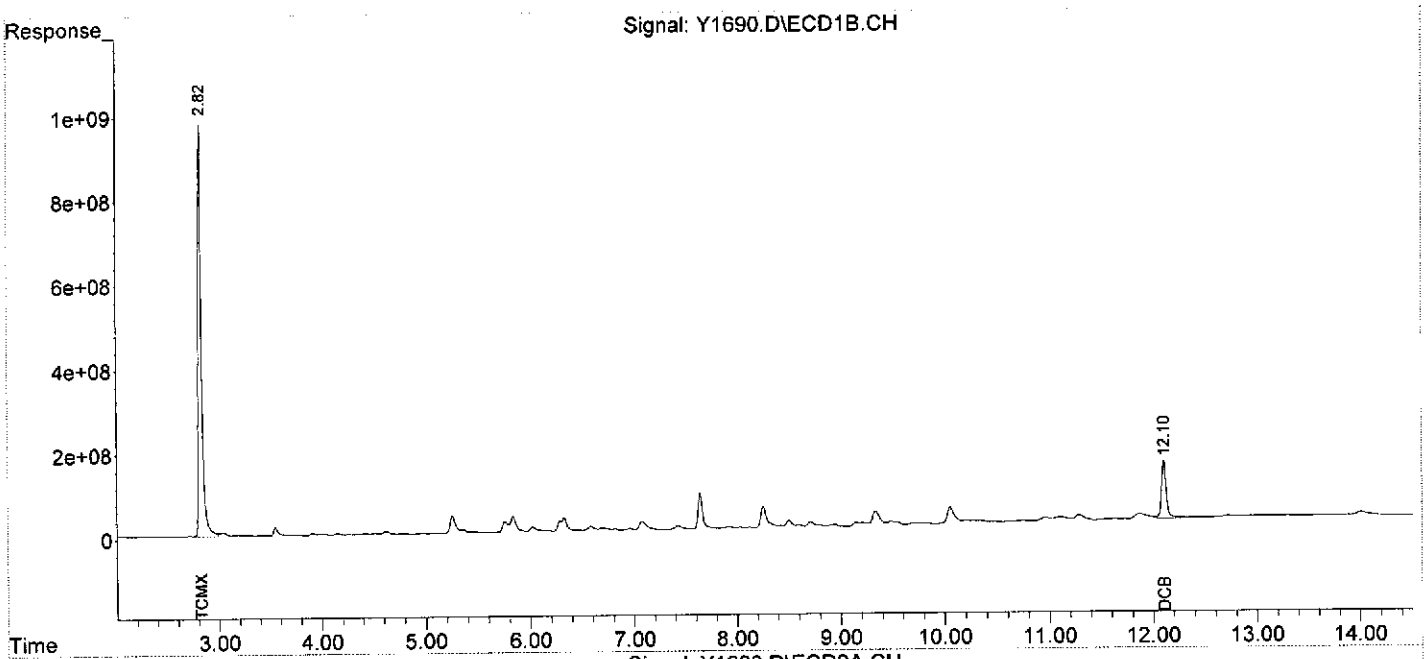
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

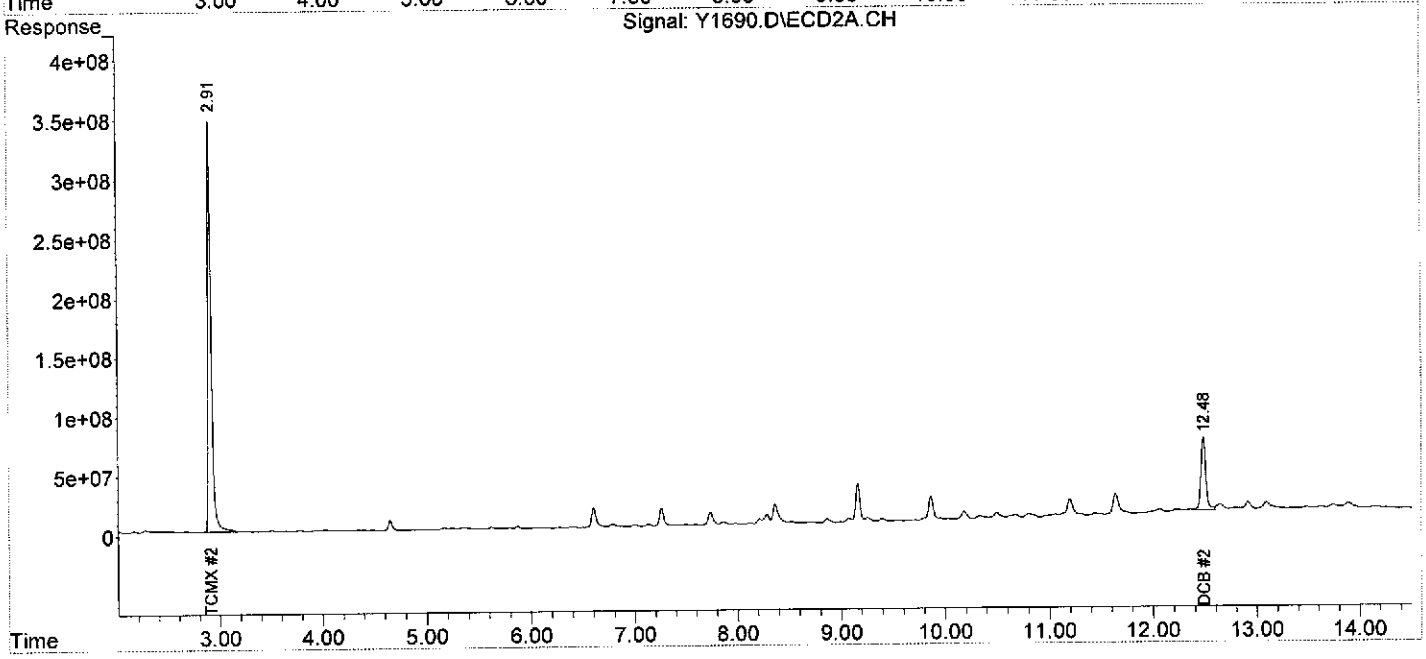
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1690.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 20:05
Operator : YG
Sample : E-31_(2.0-,09161-018,S,5.36g,34.9,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:17:56 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1691.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 20:22
Operator : YG
Sample : E-31_(4.0-,09161-019,S,5.02g,74.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:41:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	27541.7E6	8479.3E6	282.624m	318.141m
Spiked Amount 200.000			Recovery	=	141.31%	159.07%
2) S DCB	12.11	12.48	5304.2E6	2339.1E6	260.856	270.114m
Spiked Amount 200.000			Recovery	=	130.43%	135.06%
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
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

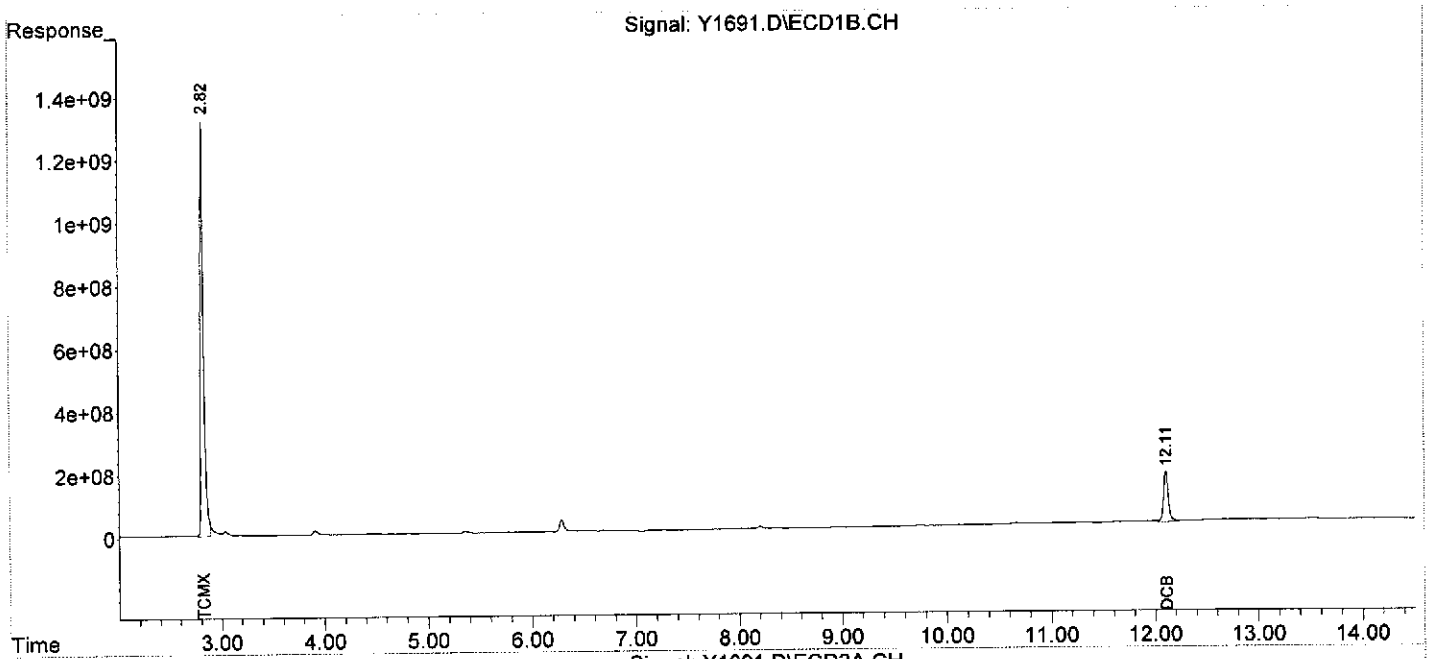
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

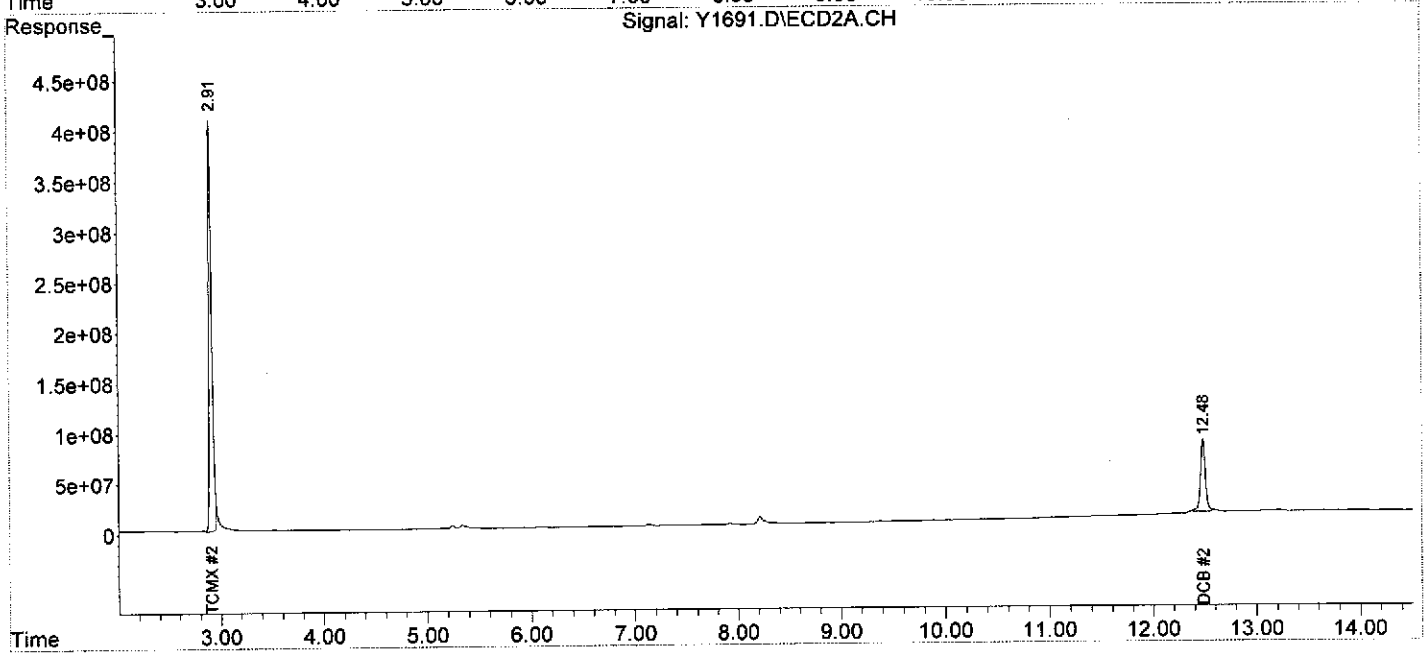
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1691.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 20:22
Operator : YG
Sample : E-31_(4.0-,09161-019,S,5.02g,74.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:41:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1692.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 20:39
Operator : YG
Sample : E-31_(5.0-,09161-020,S,5.63g,21.7,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:19:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	23349.4E6	7203.2E6	239.604	270.262
Spiked Amount 200.000			Recovery	=	119.80%	135.13%
2) S DCB	12.11	12.48	4539.7E6	1849.6E6	223.259	213.584
Spiked Amount 200.000			Recovery	=	111.63%	106.79%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

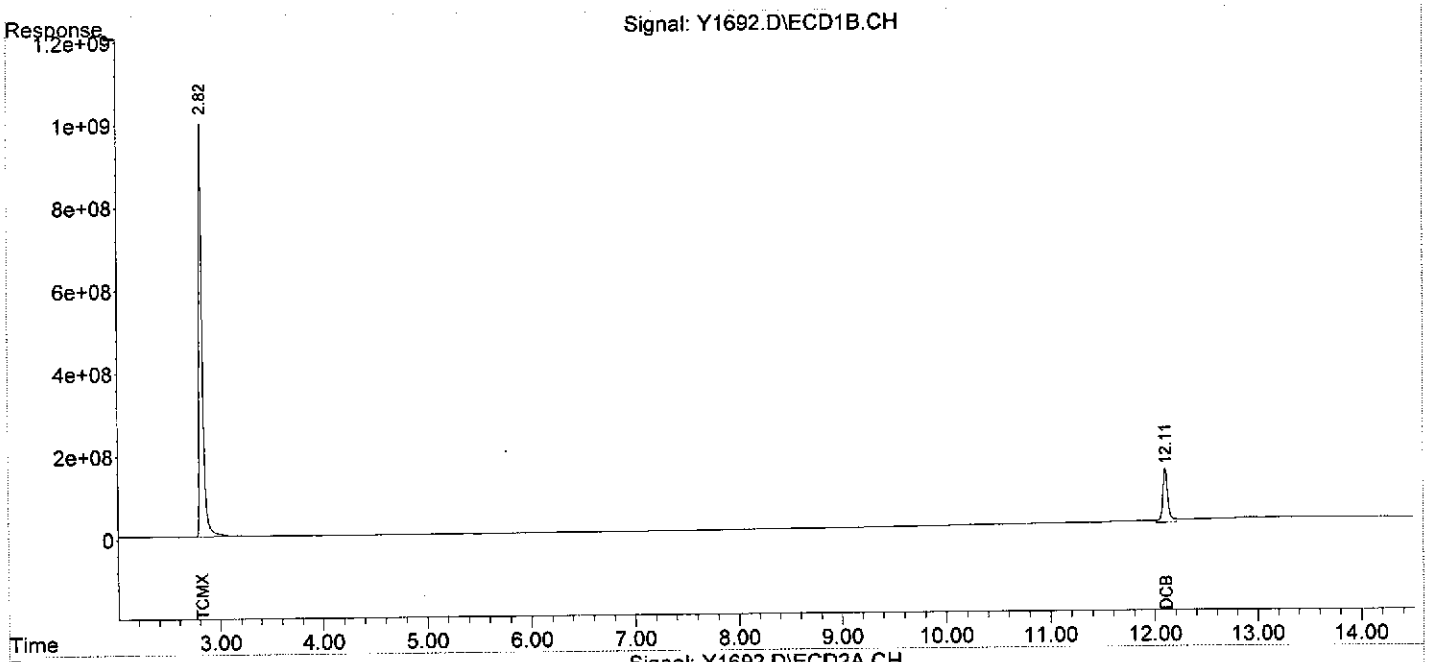
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

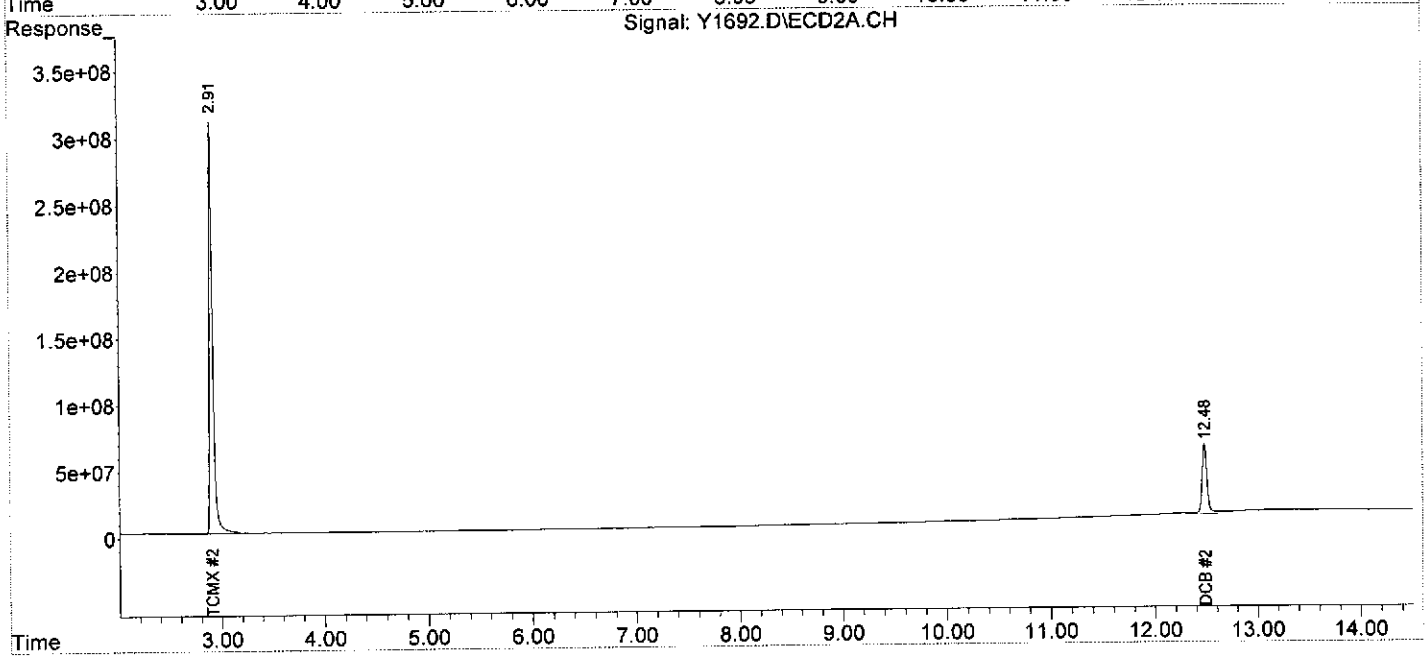
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1692.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 20:39
Operator : YG
Sample : E-31_(5.0-,09161-020,S,5.63g,21.7,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:19:36 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-14-12\
Data File : Y1765.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:28
Operator : IB
Sample : D-31_(0-2.,09161-021,S,5.46g,22.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:54:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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	2428.6E6	766.9E6	24.922	28.775
Spiked Amount 200.000			Recovery	=	12.46%	14.39%
2) S DCB	12.11	12.48	481.2E6	178.7E6	23.665m	20.631m
Spiked Amount 200.000			Recovery	=	11.83%	10.32%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	4063.0E6	1217.7E6	1109.590	1171.755
24) L6 Aroclor-1248 {2}	5.05	5.71	2020.6E6	2036.7E6	1007.778	1328.512 #
25) L6 Aroclor-1248 {3}	5.37	6.11	2933.2E6	1383.9E6	1175.459	1275.096
26) L6 Aroclor-1248 {4}	6.07	6.26	6864.0E6	1032.4E6	1517.110	1048.944 #
27) L6 Aroclor-1248 {5}	6.34	6.62	4400.0E6	656.6E6	1402.440	1225.089
Sum Aroclor-1248			20280.8E6	6327.4E6	6212.378	6049.397
Average Aroclor-1248					1242.476	1209.879
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

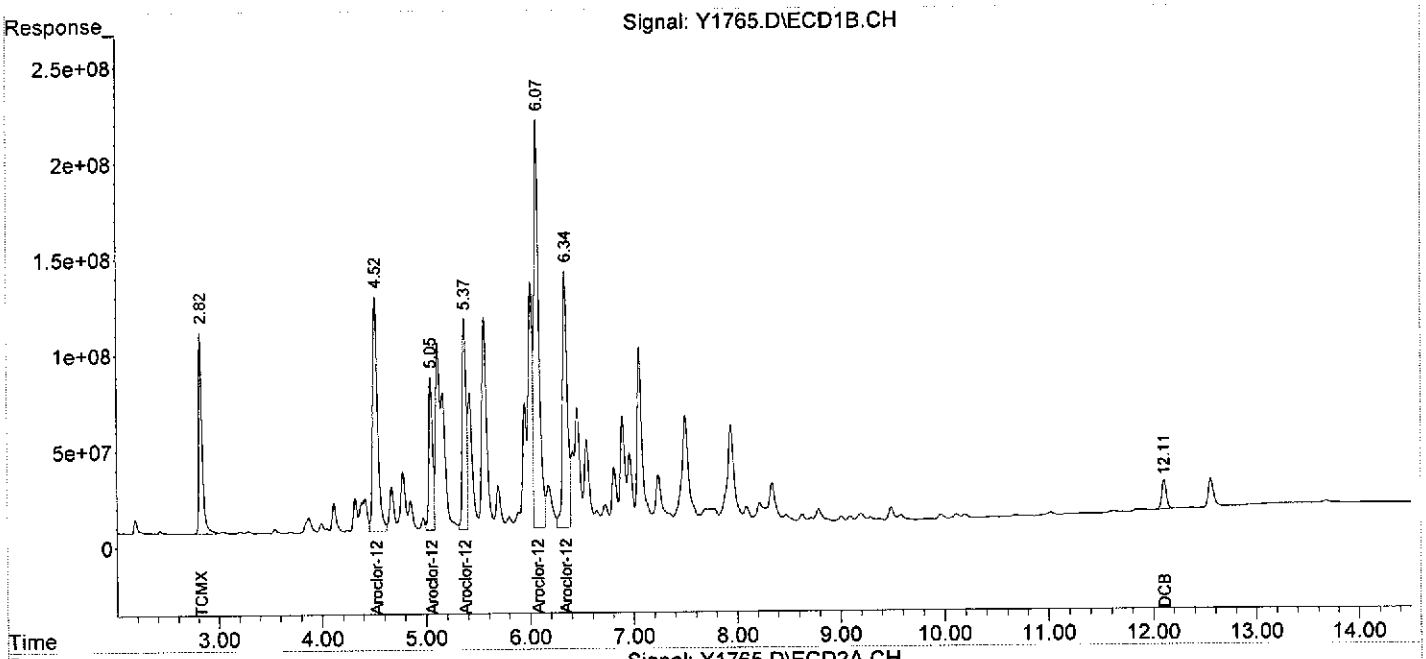
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

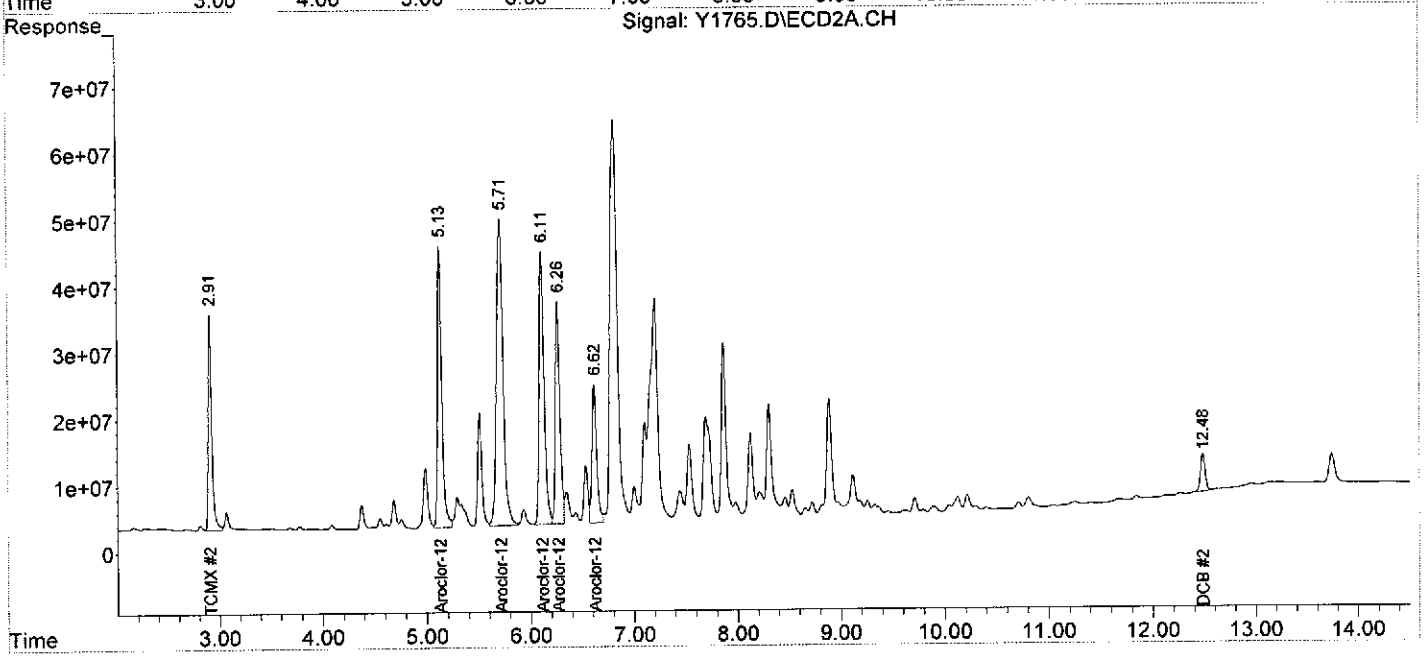
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : Y1765.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:28
Operator : IB
Sample : D-31_(0-2.,09161-021,S,5.46g,22.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:54:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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\09-13-12\
Data File : Y1694.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 21:13
Operator : YG
Sample : D-31_(2.0-,09161-022,S,5.27g,37.4,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:20:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	21708.3E6	7500.2E6	222.763	281.405 #
Spiked Amount 200.000			Recovery	=	111.38%	140.70%
2) S DCB	12.11	12.48	4883.8E6	2072.8E6	240.180	239.363m
Spiked Amount 200.000			Recovery	=	120.09%	119.68%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	1056.4E6	405.8E6	288.503	390.489 #
24) L6 Aroclor-1248 {2}	5.05	5.71	585.9E6	542.7E6	292.193	353.999m
25) L6 Aroclor-1248 {3}	5.37	6.11	930.7E6	464.7E6	372.963	428.170
26) L6 Aroclor-1248 {4}	6.07	6.26	1723.5E6	330.3E6	380.928	335.588
27) L6 Aroclor-1248 {5}	6.33	6.60	1728.8E6	387.0E6	551.049	721.995m#
Sum Aroclor-1248			6025.3E6	2130.5E6	1885.636	2230.241
Average Aroclor-1248					377.127	446.048
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

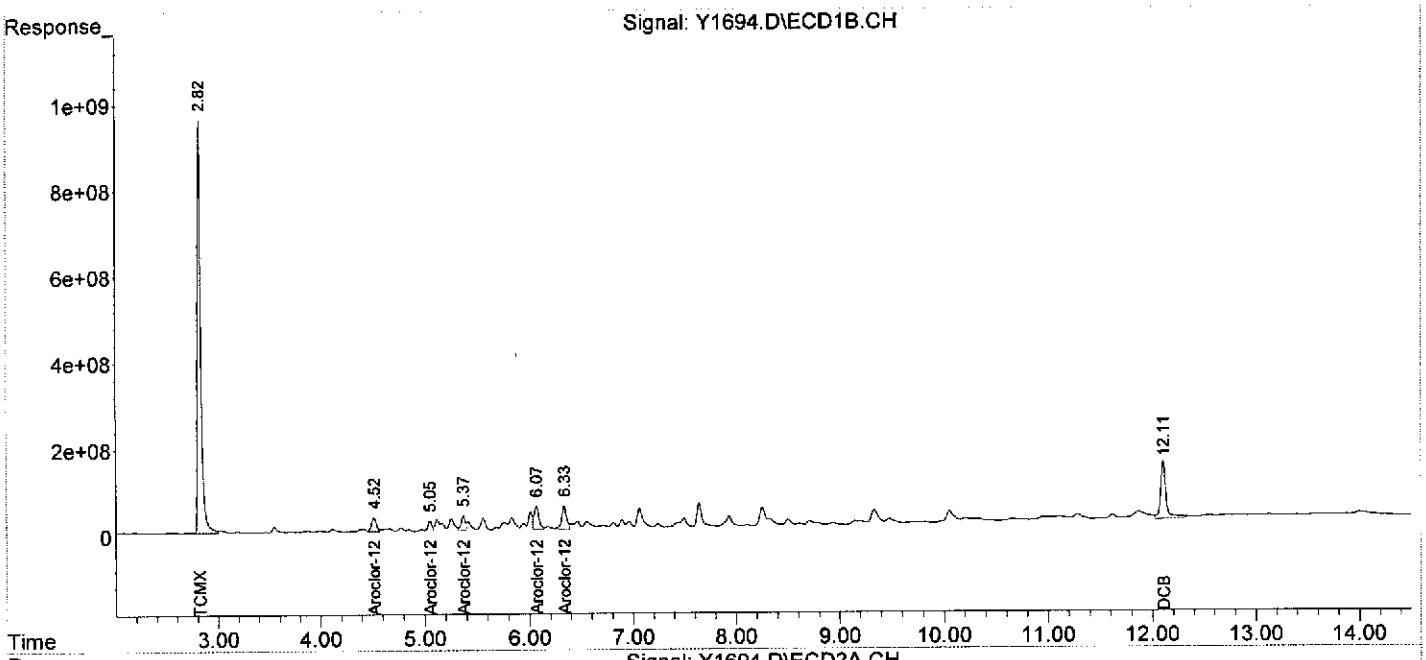
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

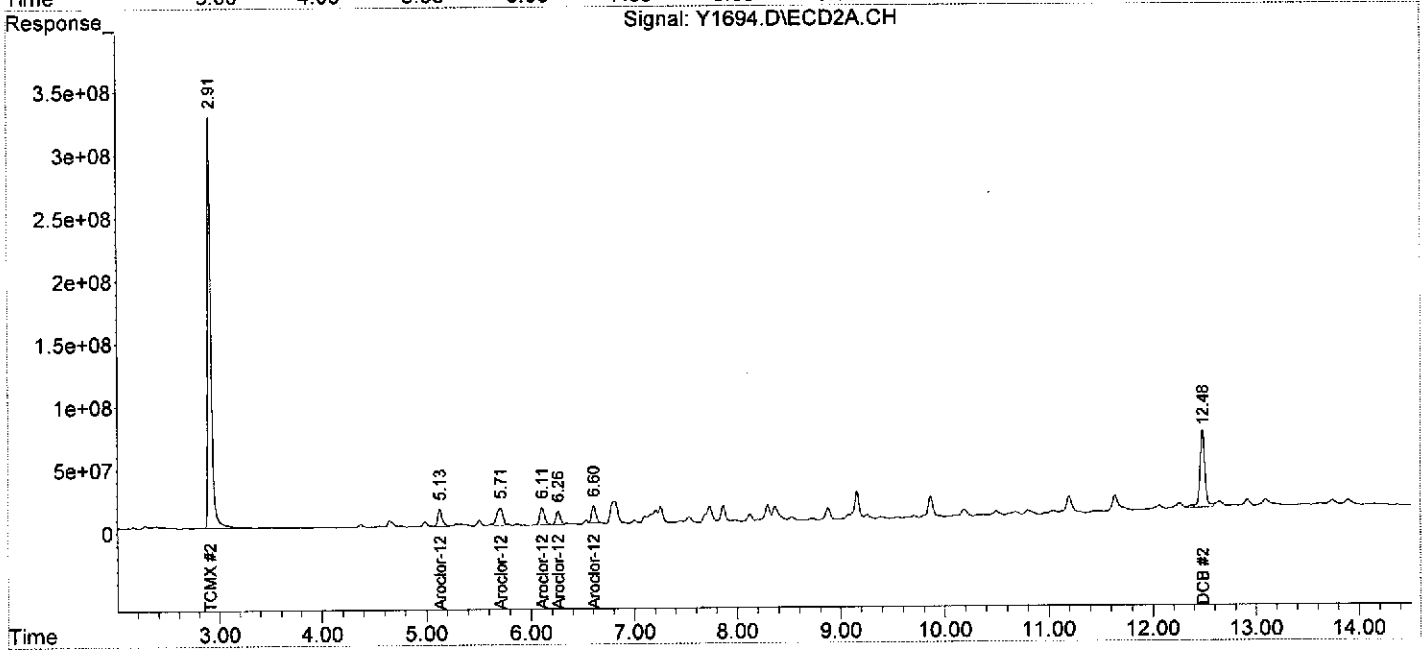
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1694.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 21:13
Operator : YG
Sample : D-31_(2.0-,09161-022,S,5.27g,37.4,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:20:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1695.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 21:31
Operator : YG
Sample : D-31_(4.0-,09161-023,S,5.28g,74.3,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:21:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	28525.9E6	8579.7E6	292.723	321.906m
Spiked Amount 200.000			Recovery	=	146.36%	160.95%
2) S DCB	12.11	12.48	5037.1E6	2250.3E6	247.718	259.850m
Spiked Amount 200.000			Recovery	=	123.86%	129.93%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

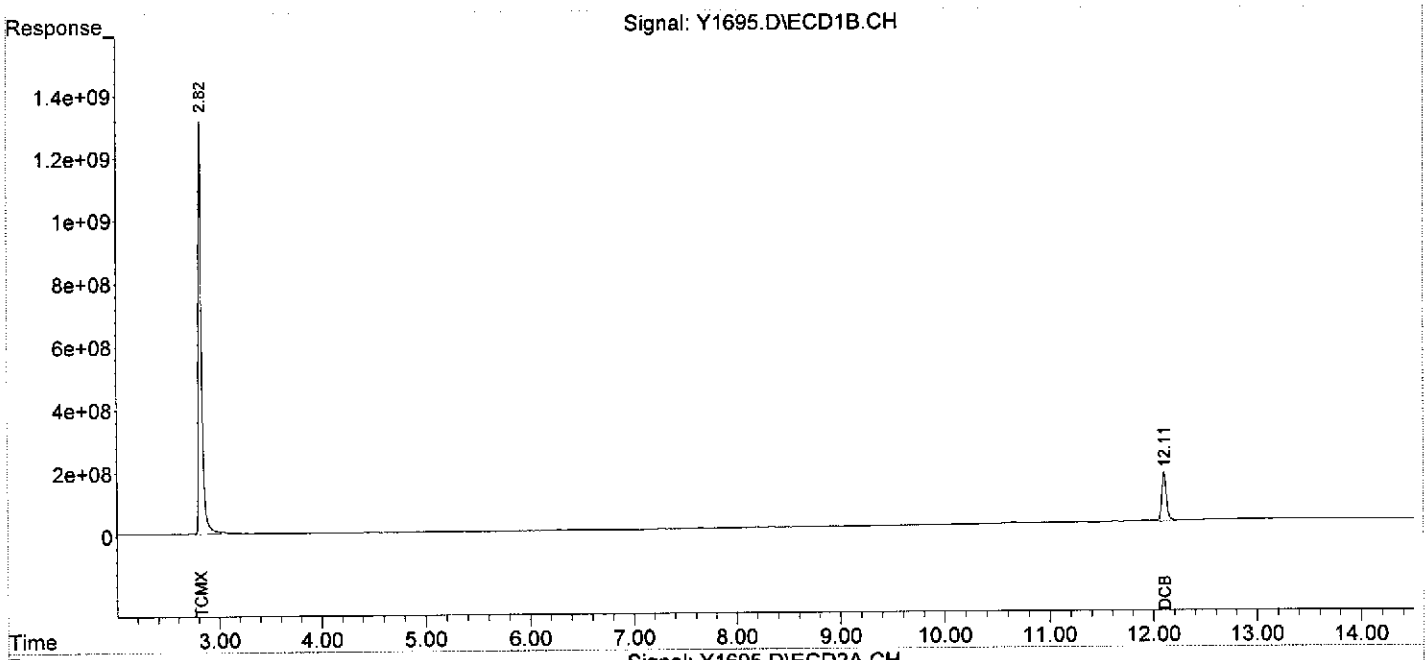
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

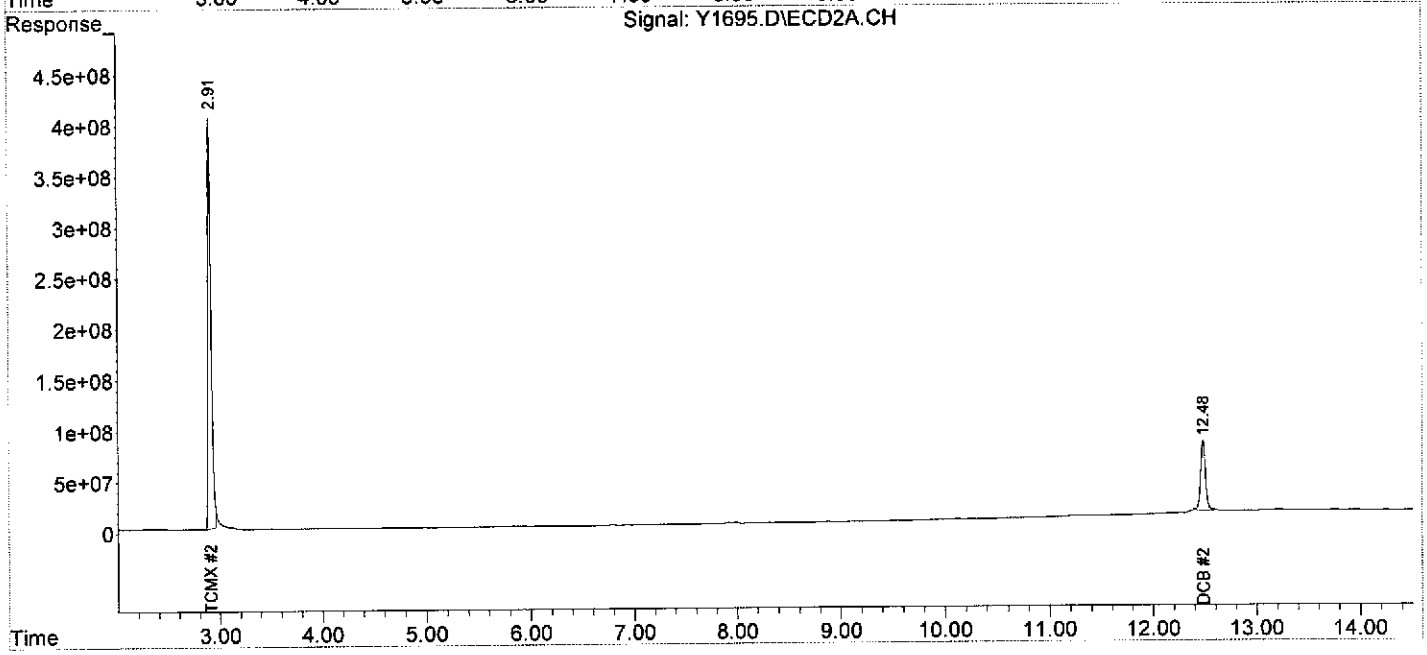
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1695.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 21:31
Operator : YG
Sample : D-31_(4.0-,09161-023,S,5.28g,74.3,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:21:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1696.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 21:48
Operator : YG
Sample : D-31_(5.0-,09161-024,S,5.56g,23.6,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:22:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	23854.6E6	7279.1E6	244.788	273.108
Spiked Amount 200.000			Recovery	=	122.39%	136.55%
2) S DCB	12.11	12.48	4487.1E6	1849.9E6	220.674	213.616
Spiked Amount 200.000			Recovery	=	110.34%	106.81%
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

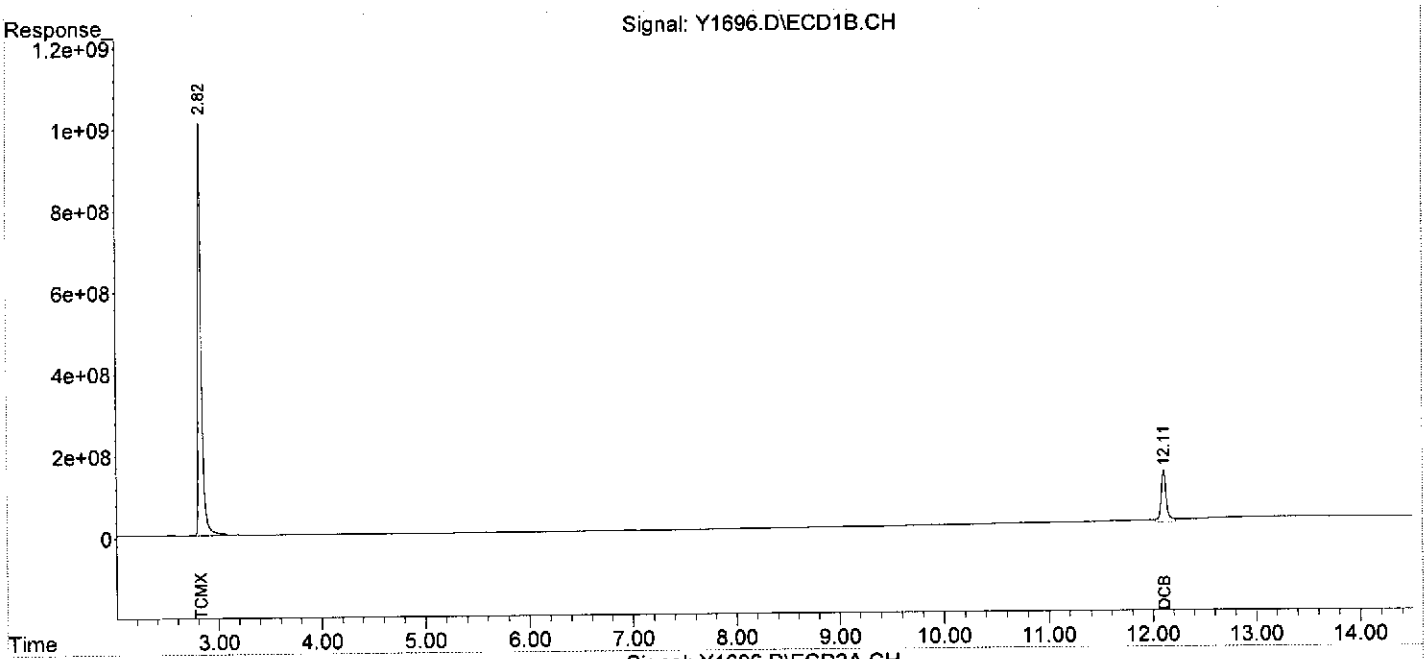
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

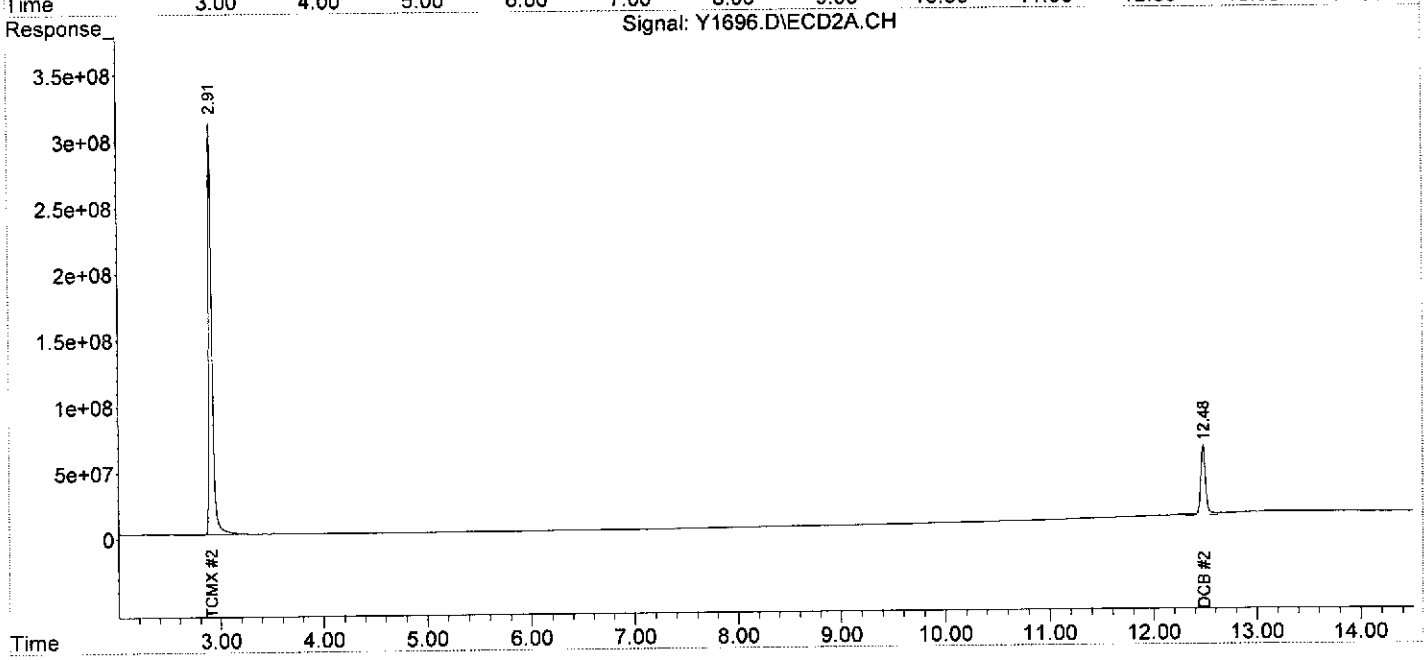
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1696.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 21:48
Operator : YG
Sample : D-31_(5.0-,09161-024,S,5.56g,23.6,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:22:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1697.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:05
Operator : YG
Sample : C-31_(0-2.,09161-025,S,5.24g,21.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:24:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	17871.4E6	6778.1E6	183.390	254.311 #
Spiked Amount 200.000			Recovery	=	91.69%	127.16%
2) S DCB	12.10	12.48	4283.1E6	1951.2E6	210.639	225.320m
Spiked Amount 200.000			Recovery	=	105.32%	112.66%
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	4.52	5.13	2577.7E6	995.3E6	703.974	957.753 #
24) L6 Aroclor-1248 {2}	5.05	5.71	1880.4E6	2002.1E6	937.826	1305.919m#
25) L6 Aroclor-1248 {3}	5.37	6.11	2365.2E6	1312.0E6	947.829	1208.836m#
26) L6 Aroclor-1248 {4}	6.07	6.26	6286.6E6	928.3E6	1389.496	943.186m#
27) L6 Aroclor-1248 {5}	6.33	6.60	4575.4E6	1166.9E6	1458.353	2177.143m#
Sum Aroclor-1248			17685.3E6	6404.6E6	5437.479	6592.838
Average Aroclor-1248					1087.496	1318.568
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

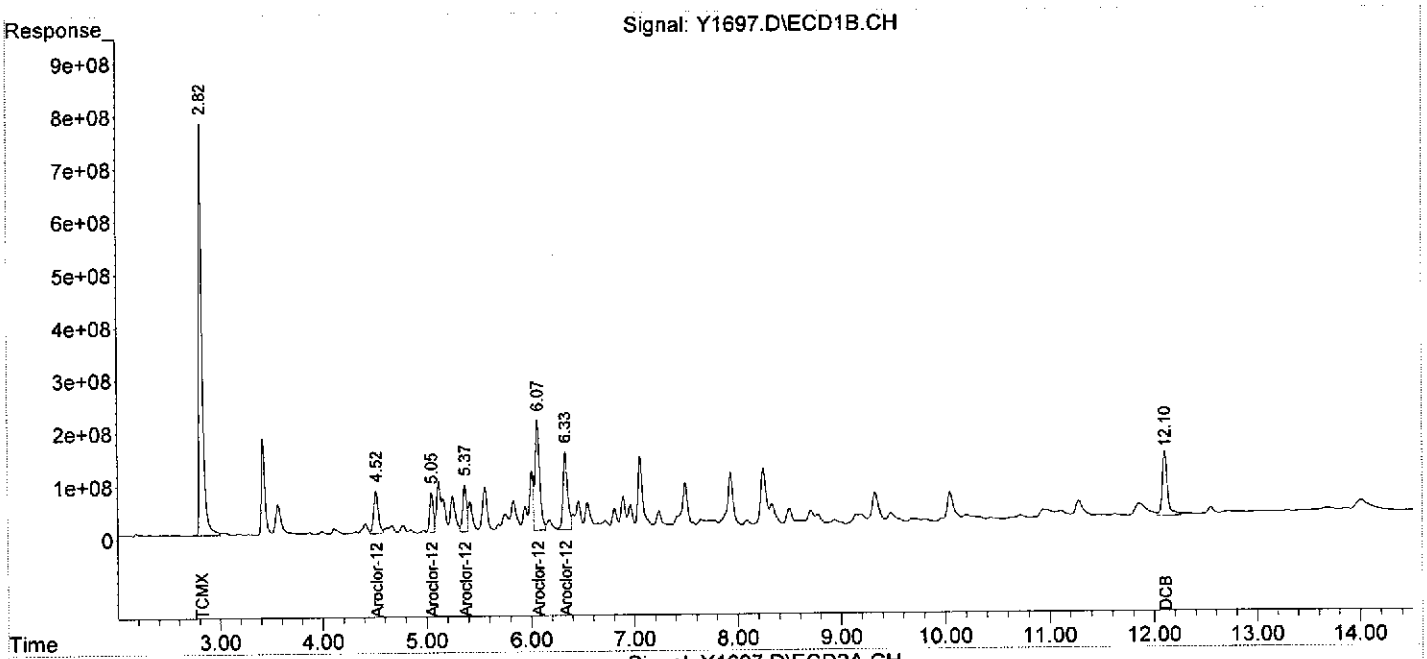
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

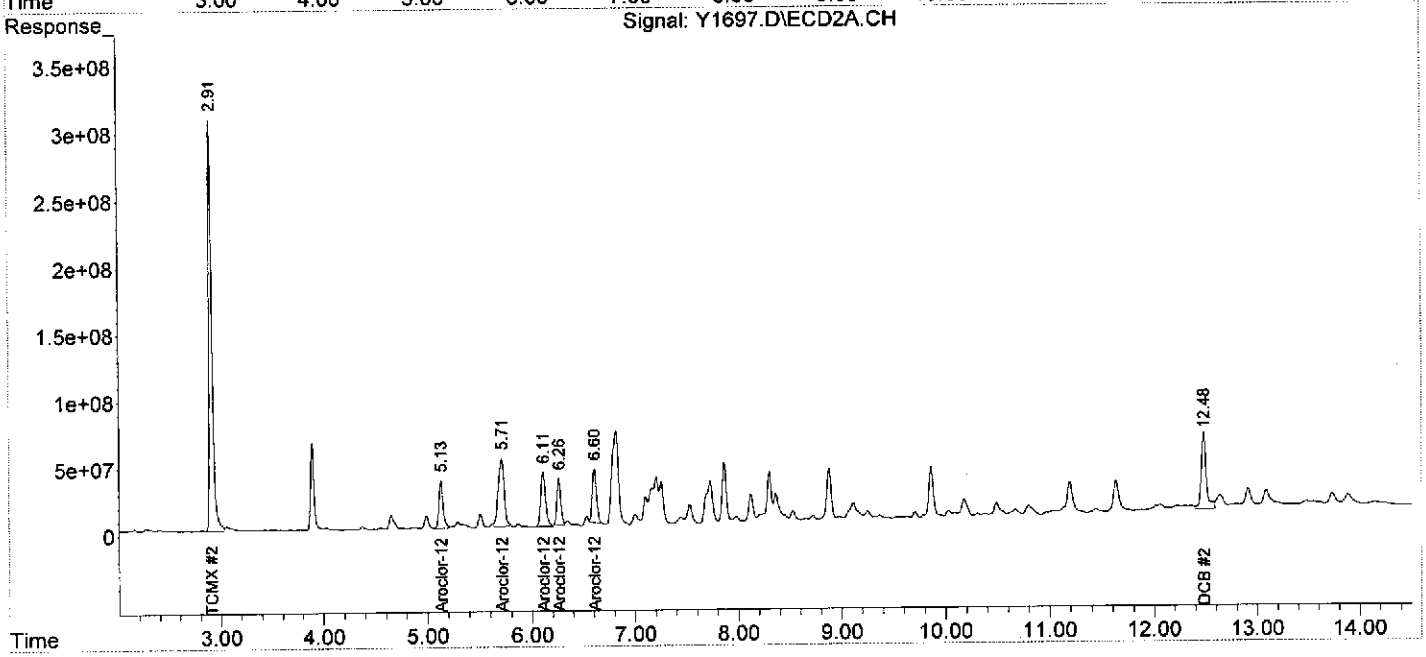
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1697.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:05
Operator : YG
Sample : C-31_(0-2.,09161-025,S,5.24g,21.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:24:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1698.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:22
Operator : YG
Sample : C-31_(2.0-,09161-026,S,5.27g,39.7,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:24:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	25224.4E6	8065.3E6	258.844	302.605
Spiked Amount 200.000			Recovery	=	129.42%	151.30%
2) S DCB	12.11	12.48	4515.2E6	2759.0E6	222.055	318.600m#
Spiked Amount 200.000			Recovery	=	111.03%	159.30%
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
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

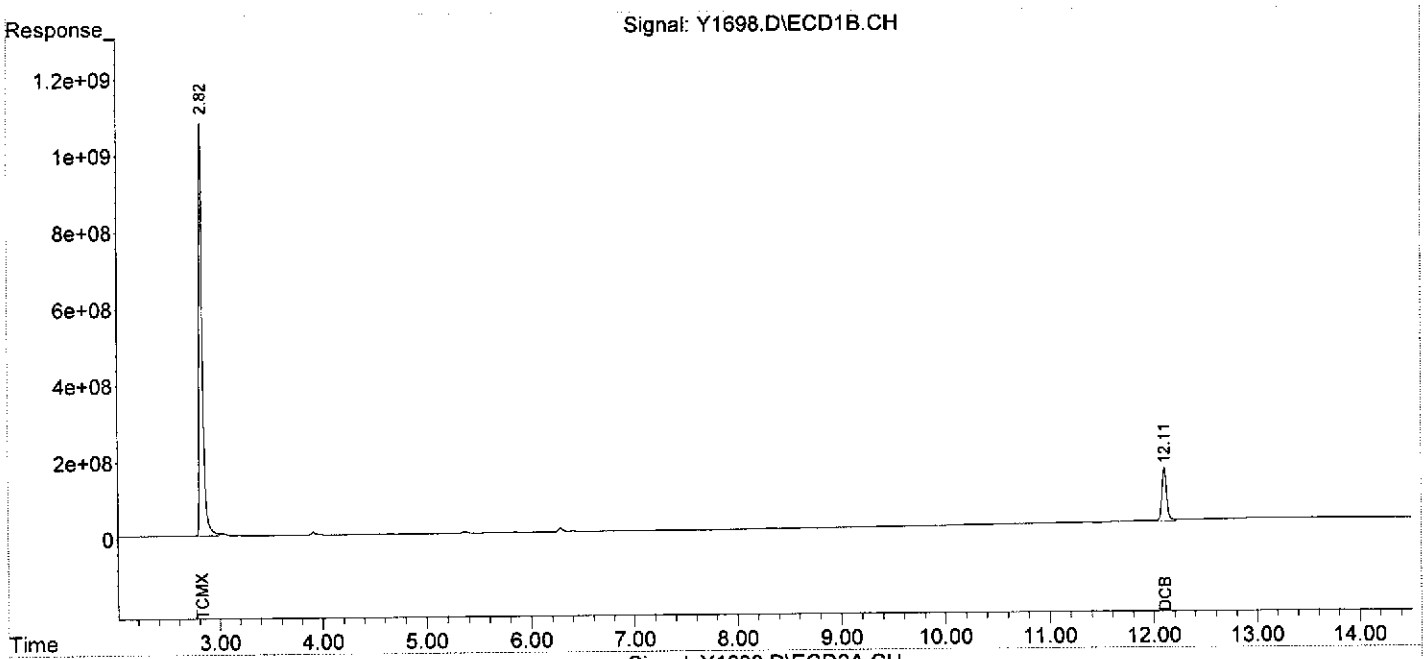
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

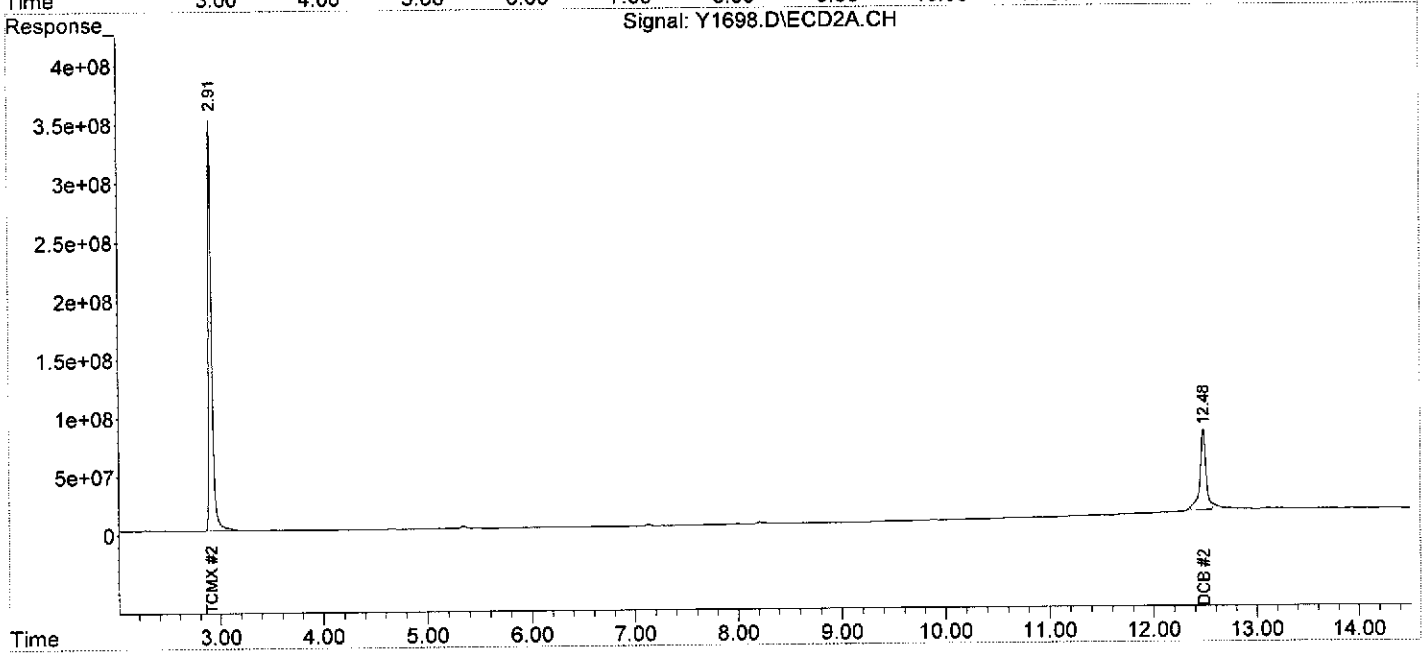
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1698.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:22
Operator : YG
Sample : C-31_(2.0-,09161-026,S,5.27g,39.7,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:24:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1699.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:40
Operator : YG
Sample : C-31_(3.0-,09161-027,S,5.16g,77.9,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:41:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	29624.1E6	8553.8E6	303.992	320.936m
Spiked Amount 200.000			Recovery	=	152.00%	160.47%
2) S DCB	12.11	12.48	4869.2E6	1991.5E6	239.464	229.970m
Spiked Amount 200.000			Recovery	=	119.73%	114.99%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

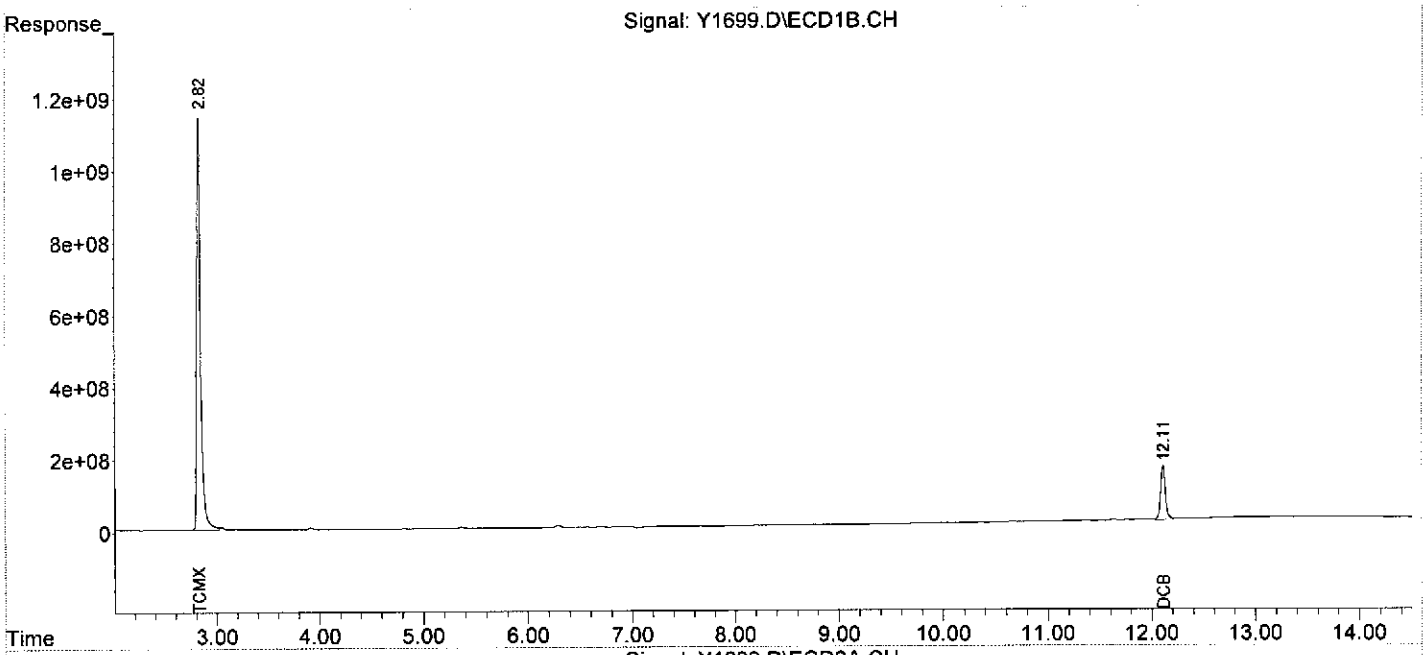
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

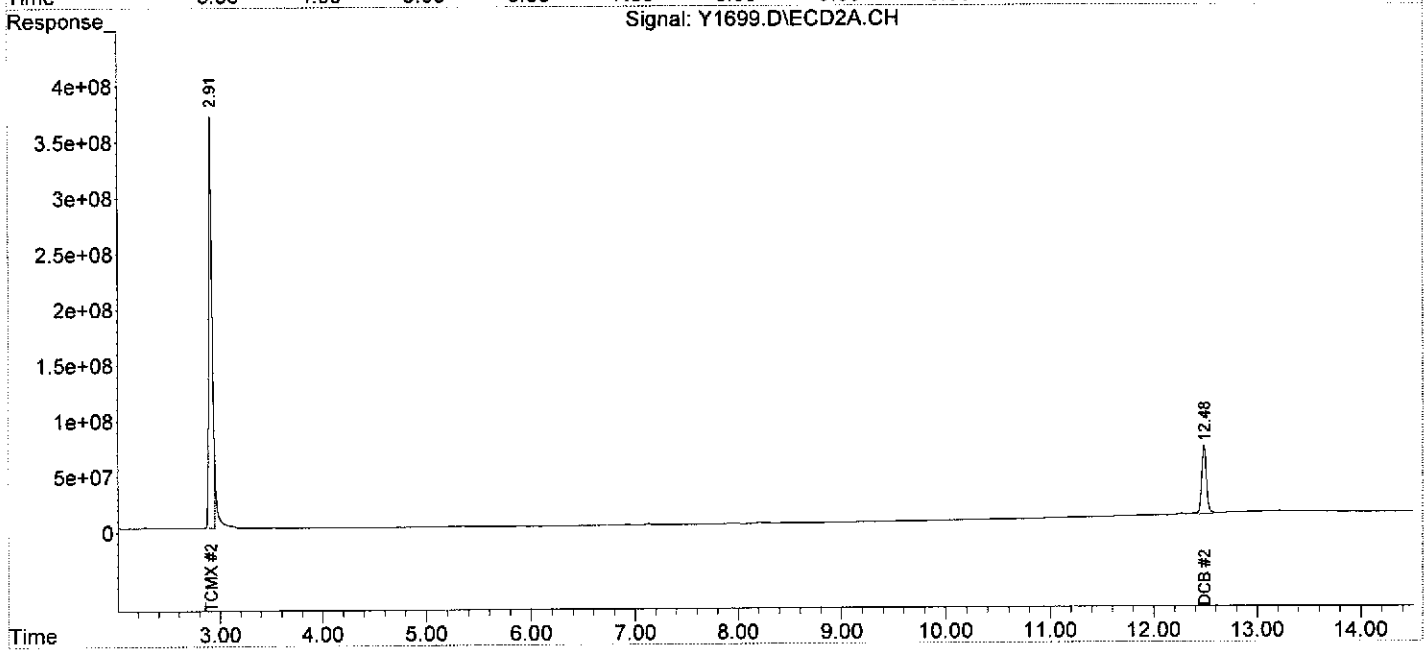
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1699.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:40
Operator : YG
Sample : C-31_(3.0-,09161-027,S,5.16g,77.9,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:41:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-13-12\
Data File : Y1700.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:57
Operator : YG
Sample : C-31_(4.0-,09161-028,S,5.47g,19.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	23966.4E6	7415.3E6	245.936	278.219
Spiked Amount 200.000			Recovery	=	122.97%	139.11%
2) S DCB	12.10	12.48	4591.1E6	1895.5E6	225.788	218.889
Spiked Amount 200.000			Recovery	=	112.89%	109.44%
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
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

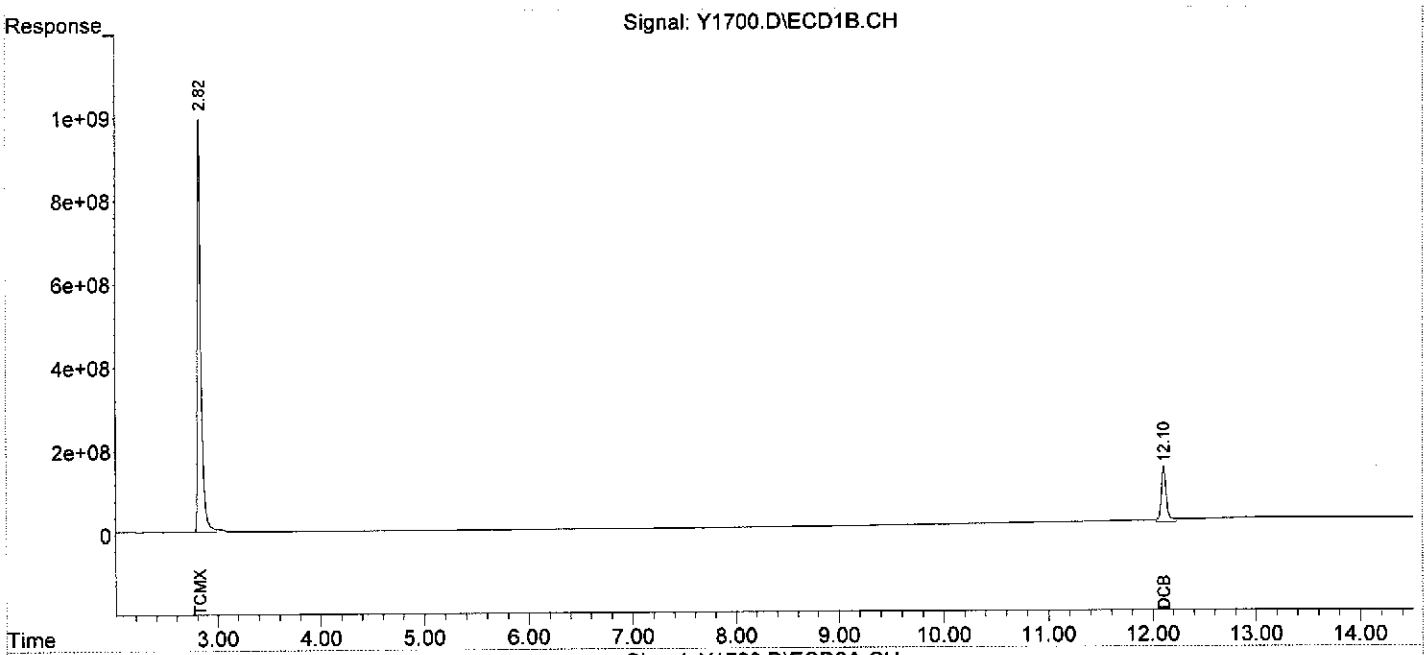
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

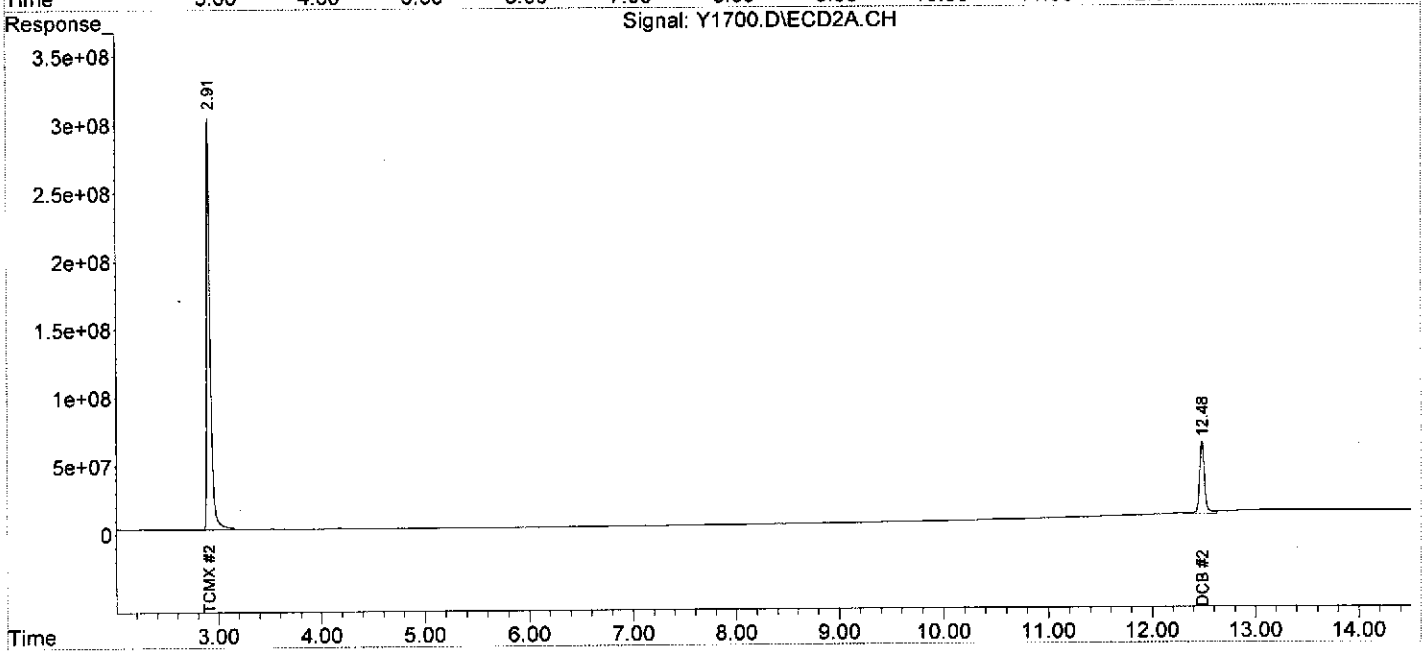
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1700.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 22:57
Operator : YG
Sample : C-31_(4.0-,09161-028,S,5.47g,19.0,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:25:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-14-12\
Data File : Y1766.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:45
Operator : IB
Sample : I-32_(0-2.,09161-029,S,5.61g,7.30,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:55:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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	2352.8E6	731.0E6	24.143	27.427
Spiked Amount 200.000			Recovery =		12.07%	13.71%
2) S DCB	12.11	12.49	588.8E6	177.4E6	28.955	20.491m#
Spiked Amount 200.000			Recovery =		14.48%	10.25%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	3752.9E6	1148.8E6	1024.902	1105.474
24) L6 Aroclor-1248 {2}	5.05	5.71	1320.0E6	1329.5E6	658.329	867.185 #
25) L6 Aroclor-1248 {3}	5.37	6.11	2242.8E6	1058.9E6	898.777	975.677
26) L6 Aroclor-1248 {4}	6.07	6.26	4950.4E6	858.7E6	1094.156	872.467
27) L6 Aroclor-1248 {5}	6.34	6.62	3507.9E6	535.9E6	1118.092	999.923
Sum Aroclor-1248			15773.9E6	4931.9E6	4794.256	4820.725
Average Aroclor-1248					958.851	964.145
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

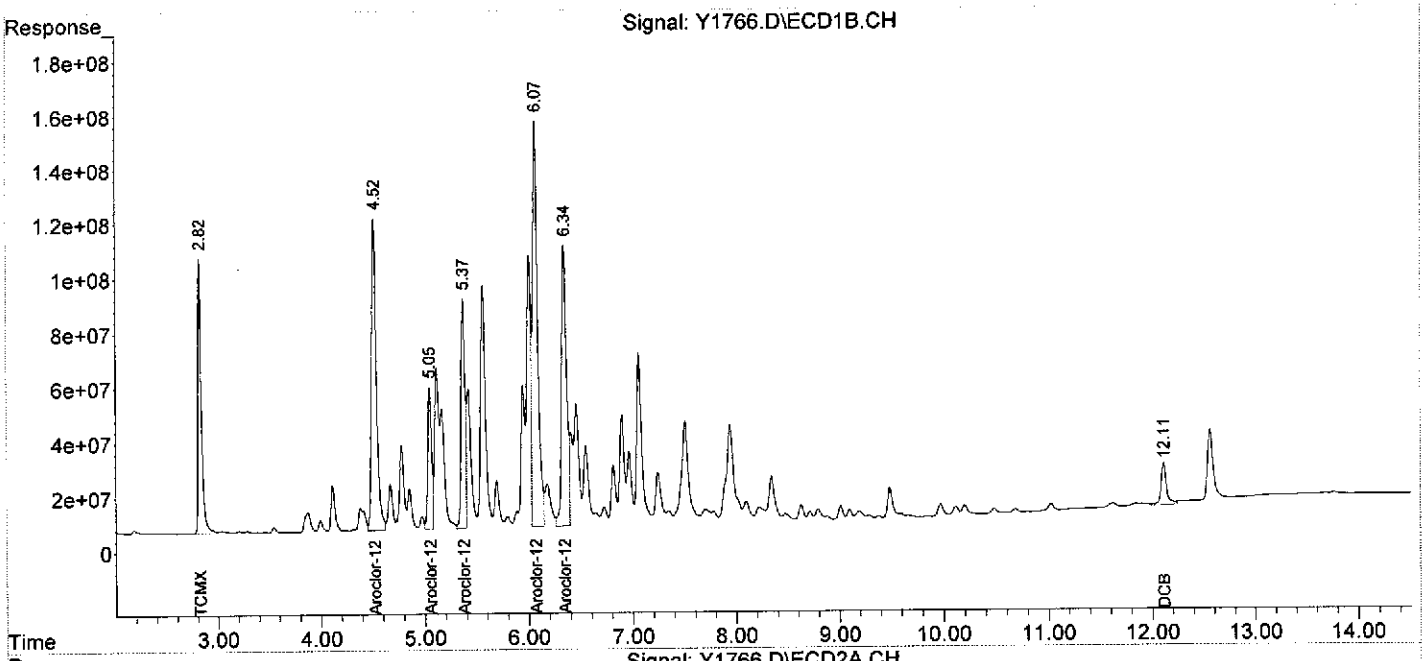
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

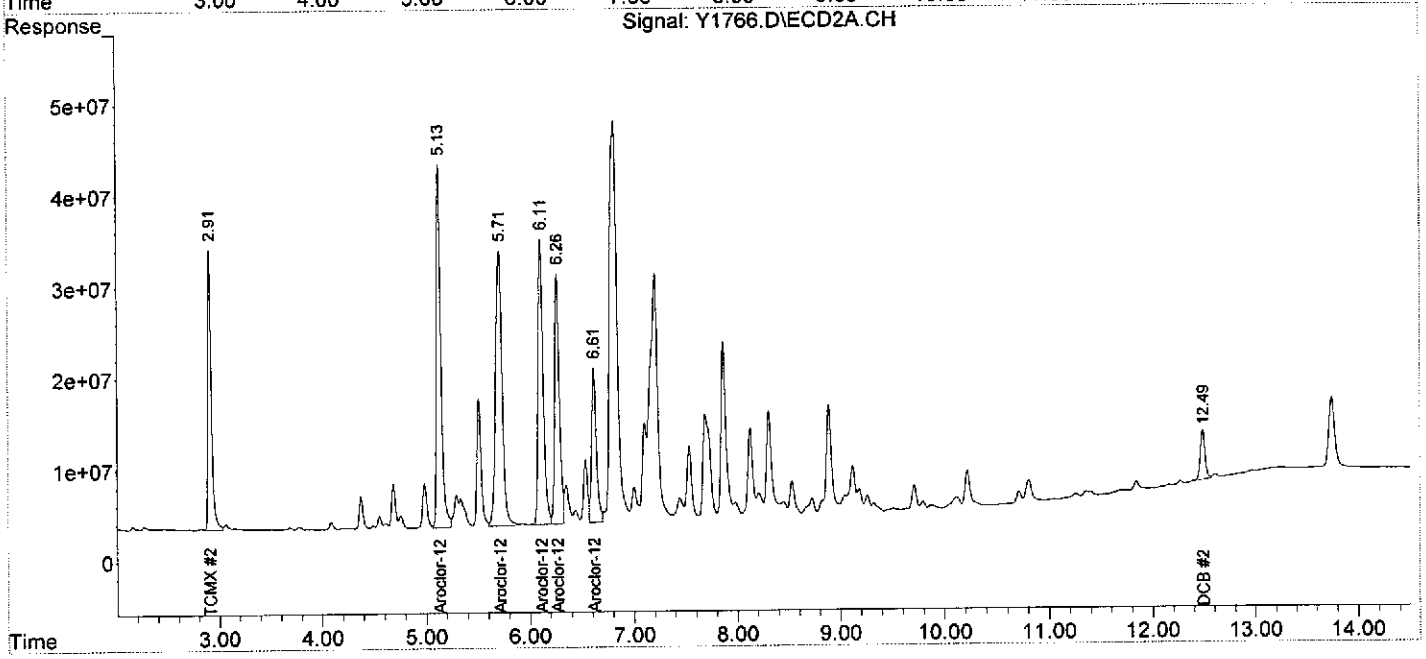
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : Y1766.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:45
Operator : IB
Sample : I-32_(0-2.,09161-029,S,5.61g,7.30,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:55:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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\09-13-12\
Data File : Y1702.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 23:31
Operator : YG
Sample : I-32_(2.0-,09161-030,S,5.10g,8.40,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:26:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.91	22534.4E6	6875.2E6	231.241	257.954
Spiked Amount 200.000			Recovery	=	115.62%	128.98%
2) S DCB	12.11	12.48	4119.2E6	1875.9E6	202.579	216.620
Spiked Amount 200.000			Recovery	=	101.29%	108.31%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	114.4E6	41492069	31.230	39.925 #
24) L6 Aroclor-1248 {2}	5.05	5.71	41862955	46155609	20.879	30.107 #
25) L6 Aroclor-1248 {3}	5.37	6.11	53010616	29286562	21.243	26.984 #
26) L6 Aroclor-1248 {4}	6.07	6.26	98857130	21452984	21.850	21.796
27) L6 Aroclor-1248 {5}	6.34	6.62	61362678	10832680	19.559	20.212
Sum Aroclor-1248			369.4E6	149.2E6	114.760	139.024
Average Aroclor-1248					22.952	27.805
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

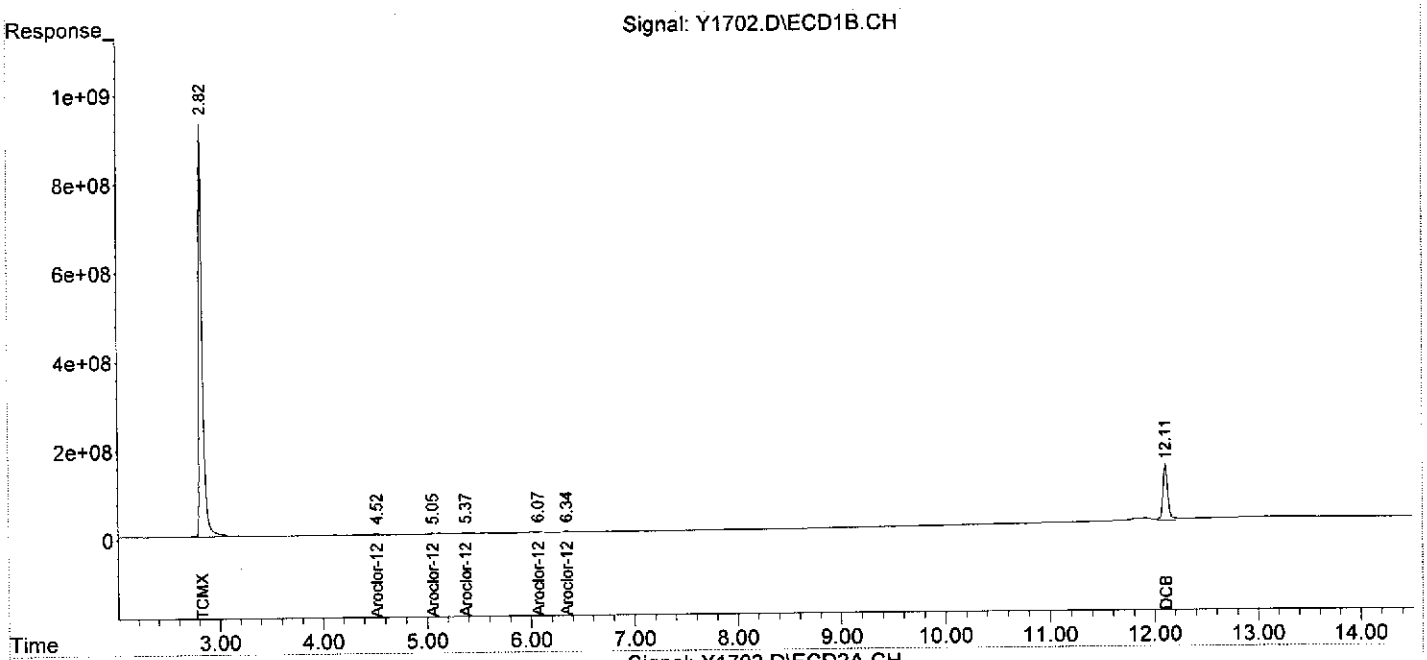
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

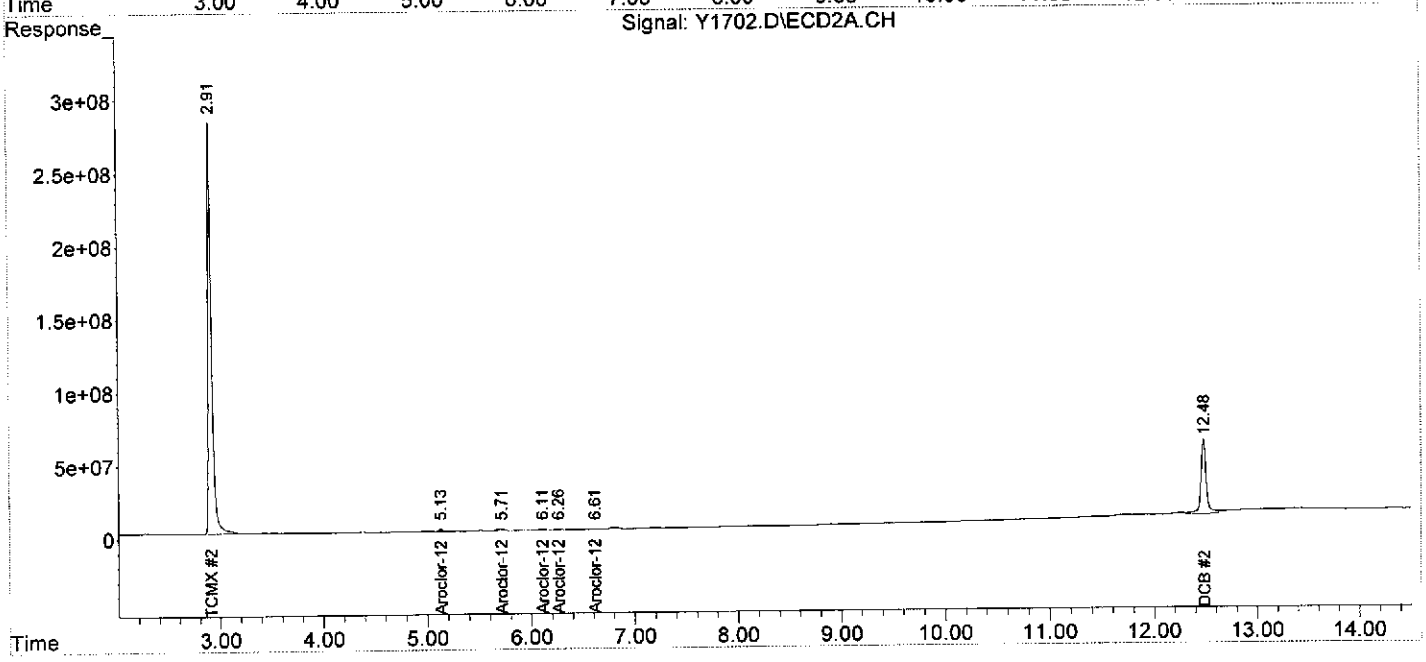
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1702.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 23:31
Operator : YG
Sample : I-32_(2.0-,09161-030,S,5.10g,8.40,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 23 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:26:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-14-12\
Data File : Y1767.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:03
Operator : IB
Sample : I-32_(4.0-,09161-031,S,5.89g,25.3,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:56:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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	2521.4E6	782.7E6	25.874	29.365
Spiked Amount 200.000			Recovery	=	12.94%	14.68%
2) S DCB	12.11	12.49	510.6E6	192.0E6	25.111m	22.177m
Spiked Amount 200.000			Recovery	=	12.56%	11.09%
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	4.52	5.13	5204.5E6	1515.7E6	1421.341	1458.474
24) L6 Aroclor-1248 {2}	5.05	5.72	1744.5E6	2037.8E6	870.055	1329.203 #
25) L6 Aroclor-1248 {3}	5.37	6.11	983.1E6	628.9E6	393.953	579.424 #
26) L6 Aroclor-1248 {4}	6.07	6.26	1373.7E6	515.4E6	303.625	523.673 #
27) L6 Aroclor-1248 {5}	6.35	6.62	704.6E6	128.2E6	224.572	239.126
Sum Aroclor-1248			10010.4E6	4825.9E6	3213.546	4129.901
Average Aroclor-1248					642.709	825.980
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

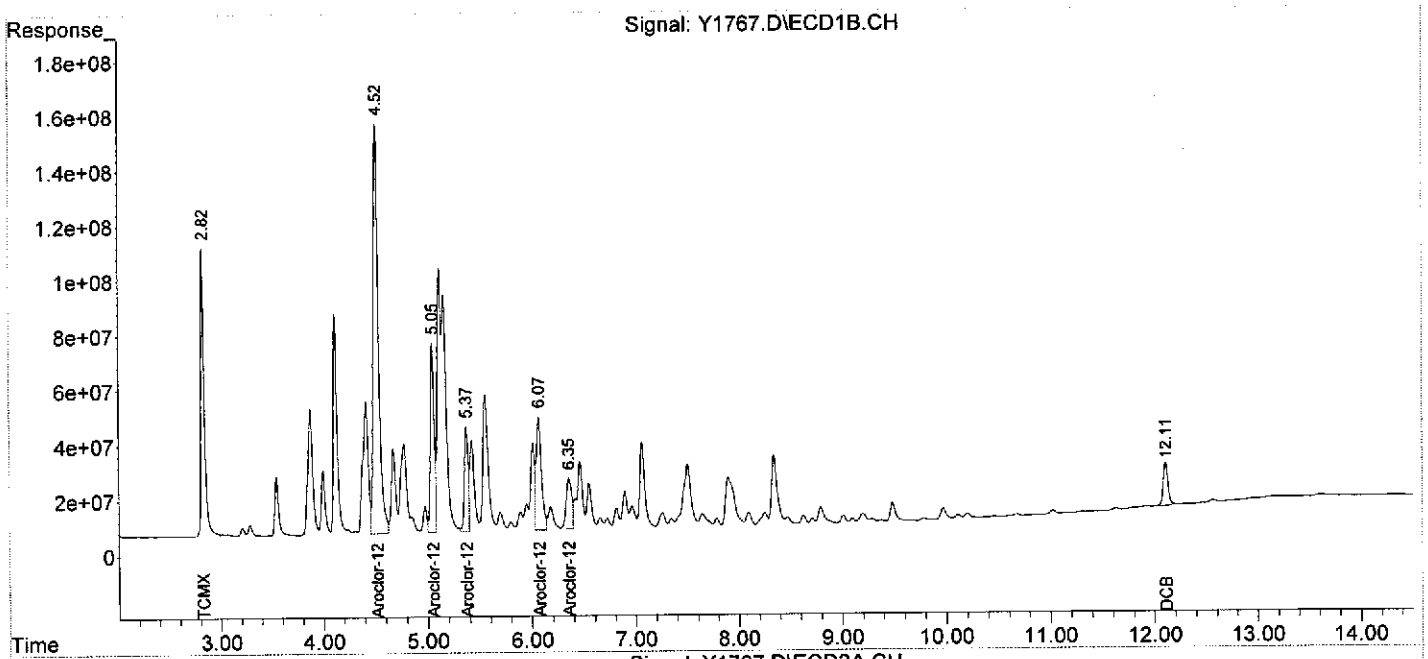
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

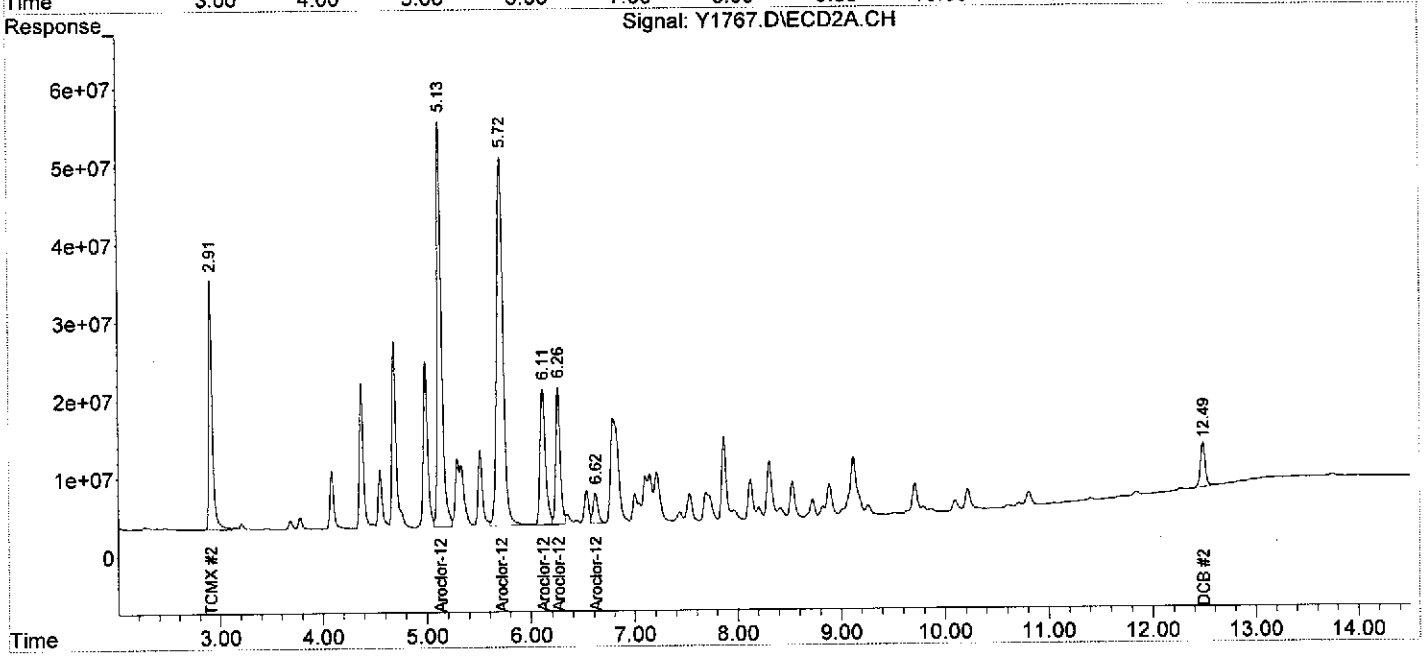
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : Y1767.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:03
Operator : IB
Sample : I-32_(4.0-,09161-031,S,5.89g,25.3,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,10
ALS Vial : 24 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 08:56:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Fri Sep 14 10:22:47 2012
Response via : Initial 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\09-13-12\
Data File : Y1704.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 00:05
Operator : YG
Sample : I-32_(5.0-,09161-032,S,5.57g,61.8,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:42:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	28054.1E6	8560.2E6	287.881	321.175m
Spiked Amount 200.000			Recovery	=	143.94%	160.59%
2) S DCB	12.11	12.48	6142.5E6	2483.8E6	302.086	286.822
Spiked Amount 200.000			Recovery	=	151.04%	143.41%
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
23) L6 Aroclor-1248	4.52	5.13	2198.8E6	691.0E6	600.486	664.871
24) L6 Aroclor-1248 {2}	5.05	5.71	678.3E6	771.3E6	338.311	503.133m#
25) L6 Aroclor-1248 {3}	5.37	6.11	706.4E6	269.5E6	283.094	248.284m
26) L6 Aroclor-1248 {4}	6.07	6.26	495.1E6	174.7E6	109.420	177.448m#
27) L6 Aroclor-1248 {5}	6.34	6.61	413.8E6	63729381	131.910	118.906
Sum Aroclor-1248			4492.5E6	1970.2E6	1463.221	1712.643
Average Aroclor-1248					292.644	342.529
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

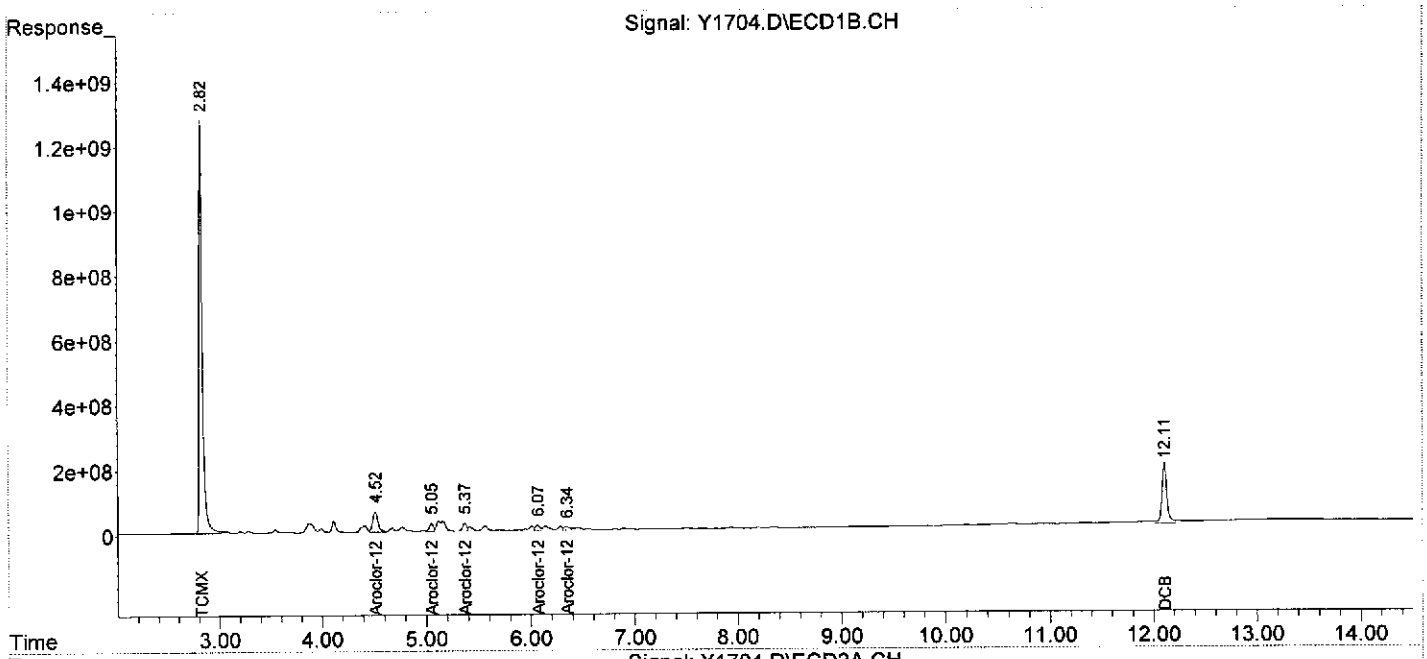
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

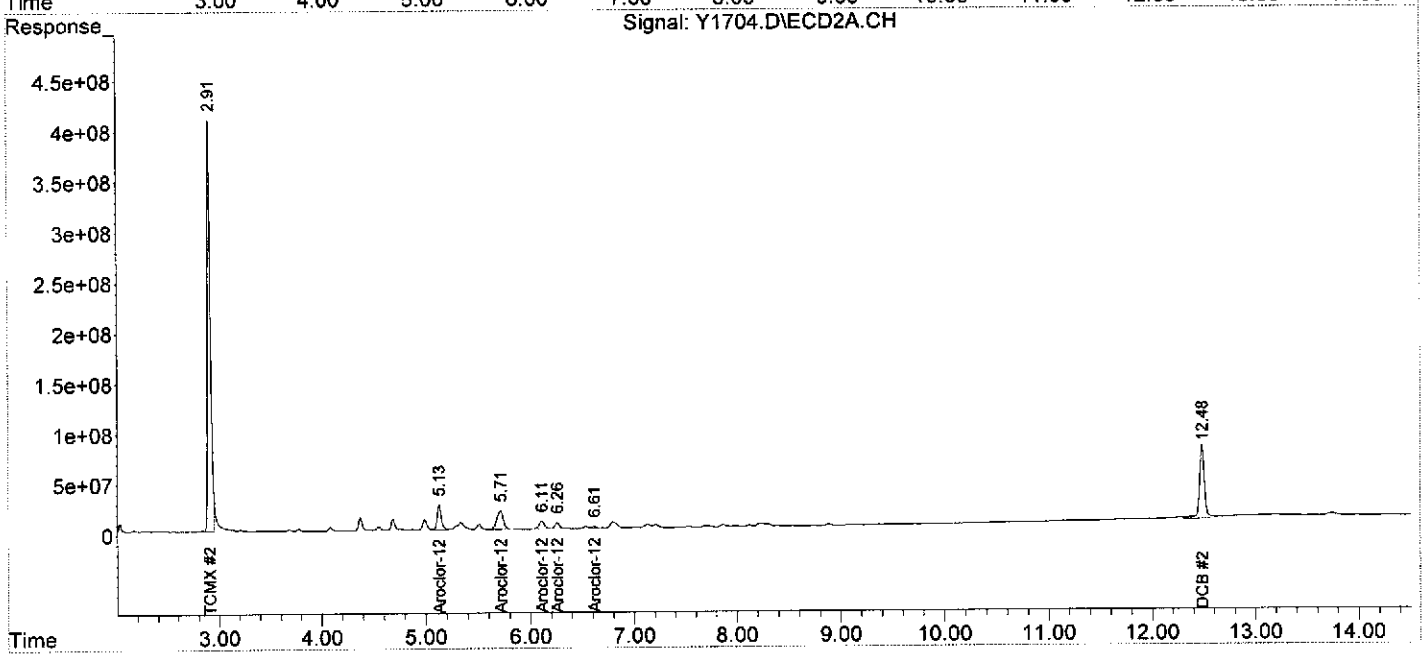
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1704.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 00:05
Operator : YG
Sample : I-32_(5.0-,09161-032,S,5.57g,61.8,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,1
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:42:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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\09-17-12\
Data File : Y1773.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 10:32
Operator : IB
Sample : I-33_(5.0-,09161-033,S,5.29g,39.5,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,100
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 10:50:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	4155.3E6	1041.3E6	1134.804	1001.971
24) L6 Aroclor-1248 {2}	5.05	5.71	887.6E6	815.9E6	442.667	532.184
25) L6 Aroclor-1248 {3}	5.37	6.11	647.9E6	308.1E6	259.623	283.836
26) L6 Aroclor-1248 {4}	6.07	6.26	671.5E6	144.8E6	148.423	147.112
27) L6 Aroclor-1248 {5}	6.34	6.62	288.4E6	46513461	91.930	86.785
Sum Aroclor-1248			6650.7E6	2356.5E6	2077.447	2051.888
Average Aroclor-1248					415.489	410.378
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

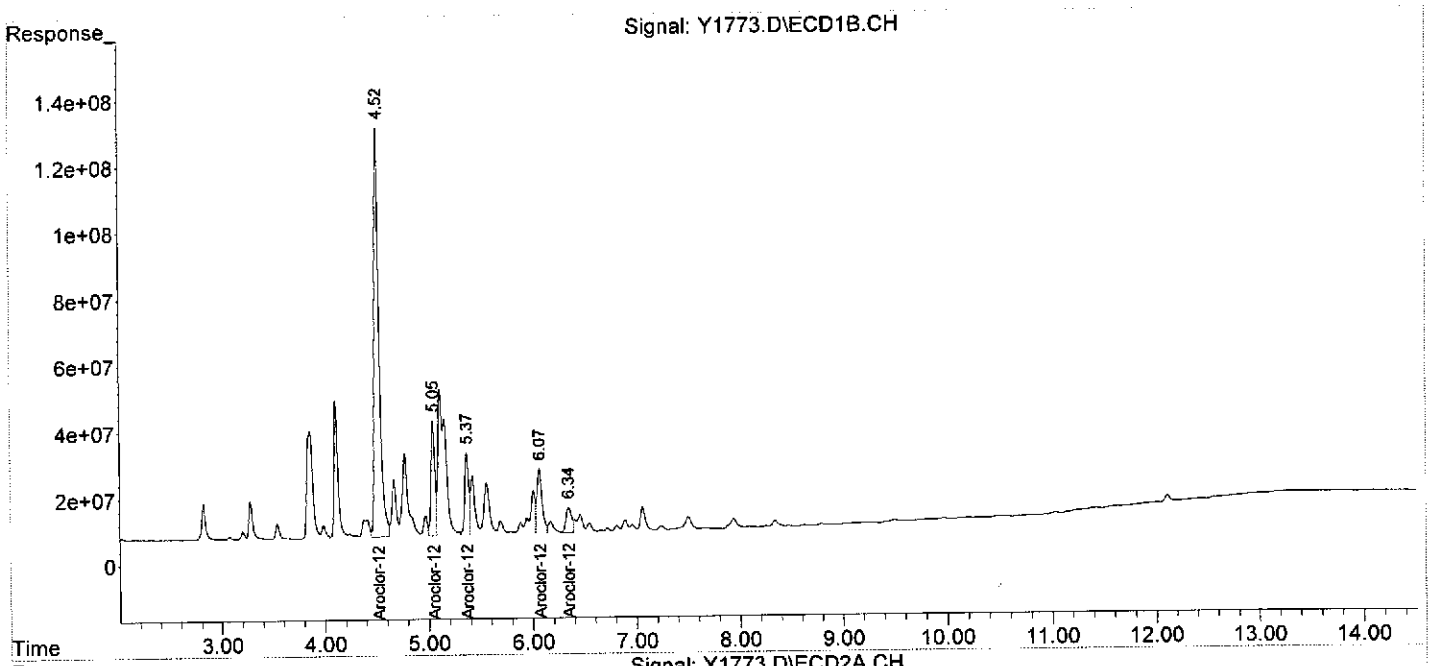
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

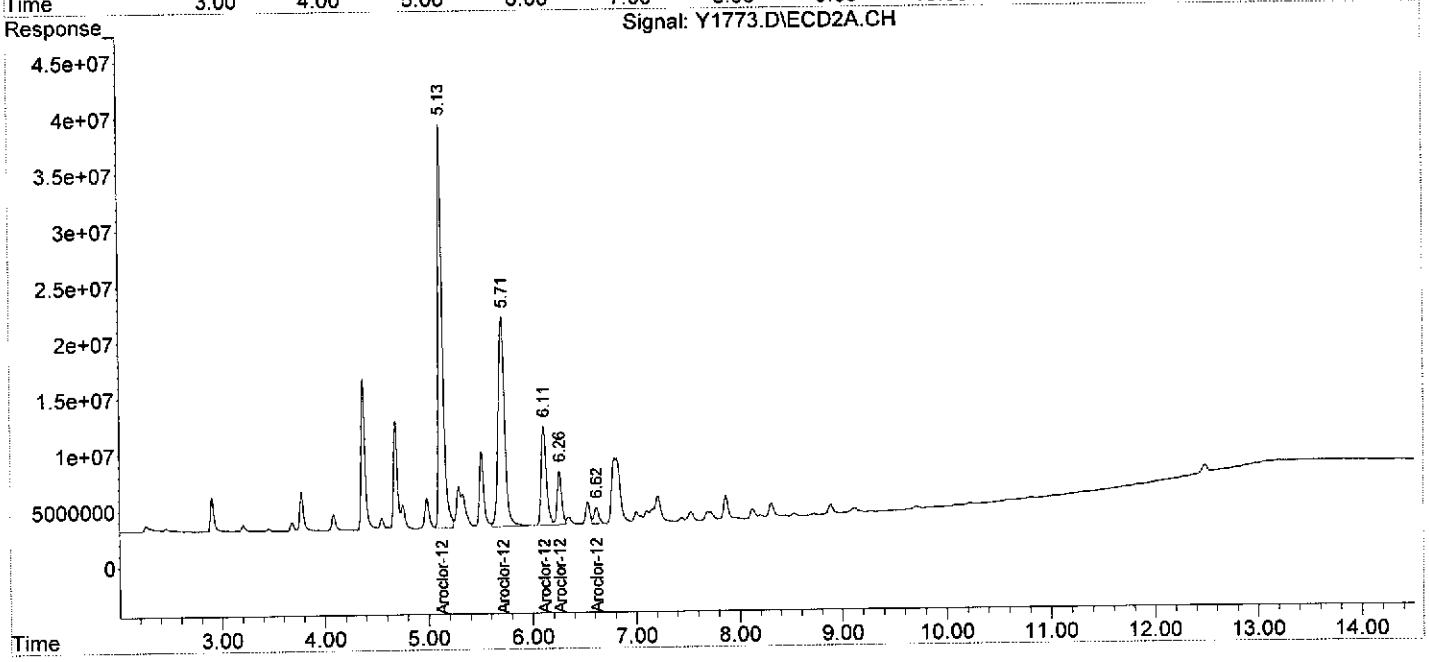
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1773.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 10:32
Operator : IB
Sample : I-33_(5.0-,09161-033,S,5.29g,39.5,09/13/12,4
Misc : 120913-04,09/10/12,09/10/12,100
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 10:50:11 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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\09-14-12\
Data File : R3742.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 14:57
Operator : IB
Sample : I-33_(6.0-,09161-034,S,5.49g,20.5,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:57:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	43653.1E6	33716.0E6	288.550	240.758
Spiked Amount 200.000			Recovery	=	144.28%	120.38%
2) S DCB	13.10	13.15	15746.3E6	8545.2E6	304.974	293.046
Spiked Amount 200.000			Recovery	=	152.49%	146.52%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

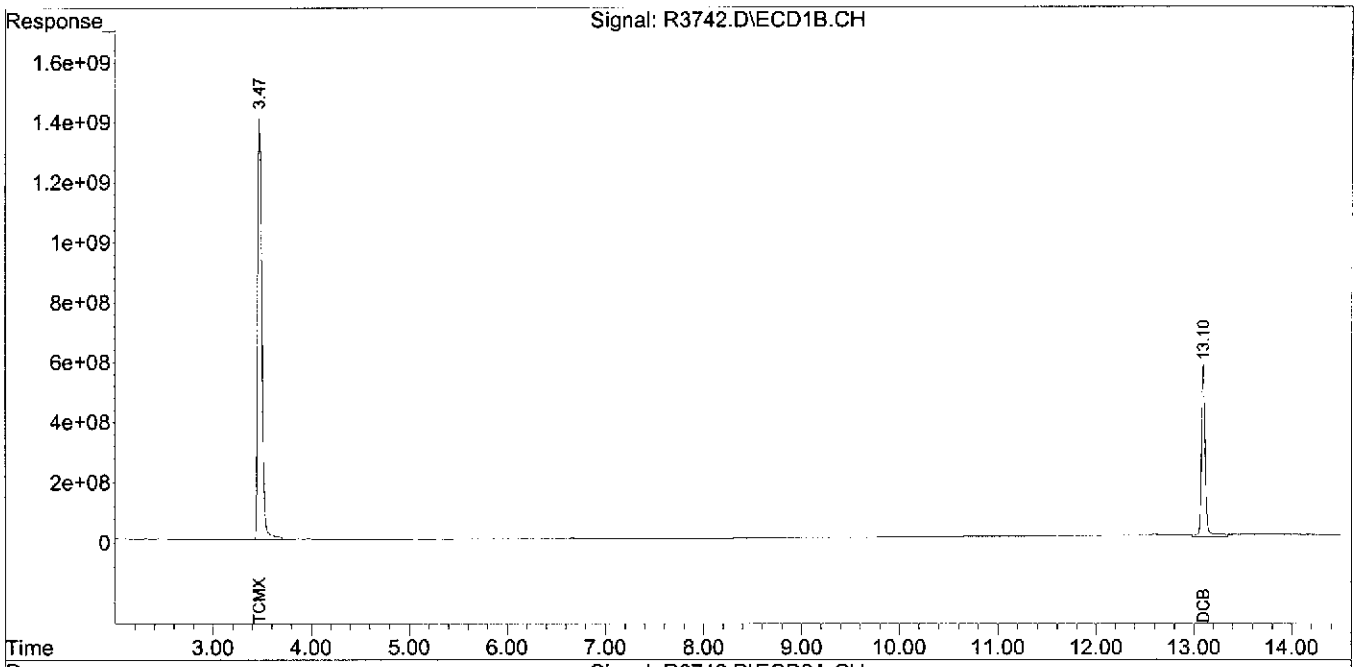
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

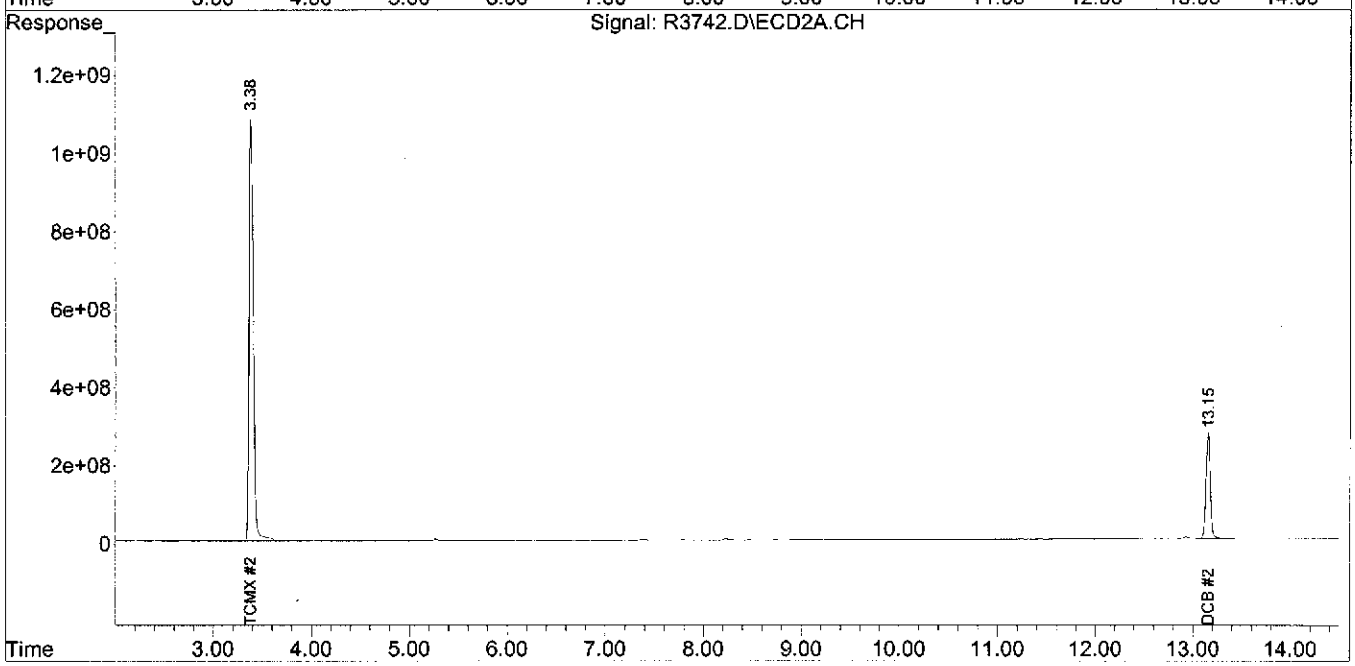
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3742.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 14:57
Operator : IB
Sample : I-33_(6.0-,09161-034,S,5.49g,20.5,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:57:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3743.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 15:15
Operator : IB
Sample : I-33_(7.0-,09161-035,S,5.04g,24.5,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:59:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	40838.0E6	33328.7E6	269.943	237.992
Spiked Amount 200.000			Recovery	=	134.97%	119.00%
2) S DCB	13.10	13.15	15340.1E6	8520.9E6	297.107	292.212
Spiked Amount 200.000			Recovery	=	148.55%	146.11%
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	5.30	5.68	60893499	48545531	7.969	8.077
24) L6 Aroclor-1248 {2}	5.86	6.28	40354139	83251438	9.643	9.882m
25) L6 Aroclor-1248 {3}	6.20	6.68	36512428	59540943	8.653m	9.281m
26) L6 Aroclor-1248 {4}	6.92	6.84	77436752	53600122	8.973m	9.927m
27) L6 Aroclor-1248 {5}	7.21	7.20	64824849	39665821	9.214m	12.765m#
Sum Aroclor-1248			280.0E6	284.6E6	44.452	49.932
Average Aroclor-1248					8.890	9.986
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	9.25	8.73	53144552	42659258	4.492m	8.141m#
34) L8 Aroclor-1260 {2}	9.94	9.14	37913911	32953424	5.817m	5.594m
35) L8 Aroclor-1260 {3}	10.42	10.34	91130186	29105904	4.795m	6.903m#
36) L8 Aroclor-1260 {4}	10.91	10.85	47753136	57127592	5.132m	6.446m#
37) L8 Aroclor-1260 {5}	11.98	11.44	42326945	46401152	9.018m	7.857m
Sum Aroclor-1260			272.3E6	208.2E6	29.253	34.941
Average Aroclor-1260					5.851	6.988
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\09-14-12\
Data File : R3743.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 15:15
Operator : IB
Sample : I-33_(7.0-,09161-035,S,5.04g,24.5,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:59:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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

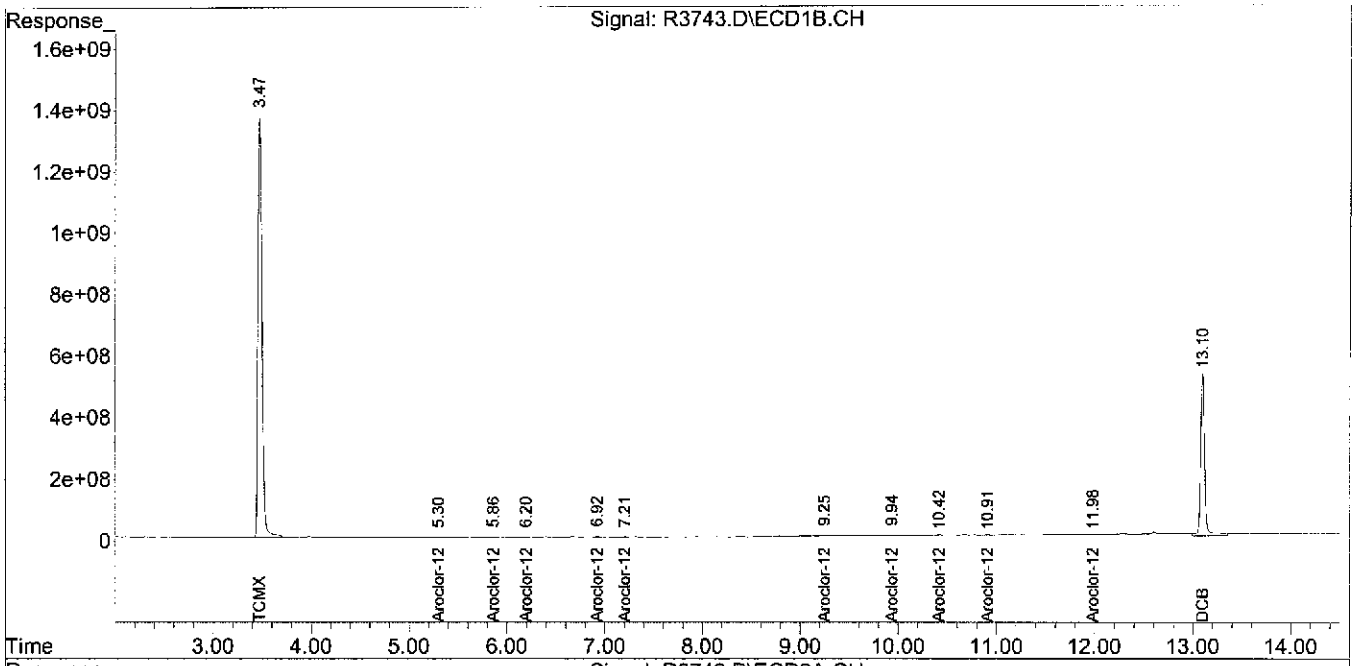
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

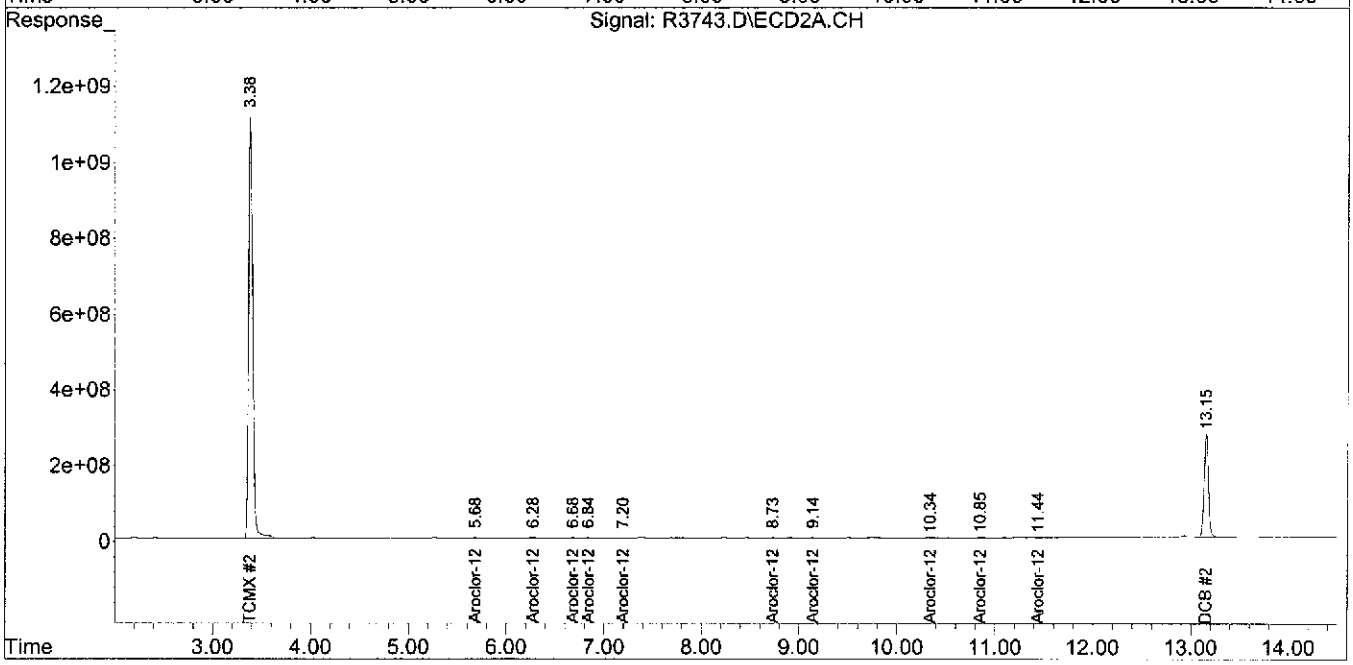
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3743.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 15:15
Operator : IB
Sample : I-33_(7.0-,09161-035,S,5.04g,24.5,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:59:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-17-12\
Data File : R3788.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 13:08
Operator : IB
Sample : H-36_(5.0-,09161-037,S,5.73g,27.4,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,20
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:34:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial 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	2171.8E6	2103.4E6	14.355m	15.020m
Spiked Amount 200.000			Recovery	=	7.18%	7.51%
2) S DCB	13.10	13.17	579.8E6	407.7E6	11.229m	13.981m
Spiked Amount 200.000			Recovery	=	5.61%	6.99%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.70	7732.8E6	6185.2E6	1012.005	1029.146
24) L6 Aroclor-1248 {2}	5.86	6.30	3703.2E6	11016.7E6	884.931	1307.679 #
25) L6 Aroclor-1248 {3}	6.20	6.70	6434.4E6	9199.7E6	1524.830	1433.965
26) L6 Aroclor-1248 {4}	6.93	6.86	14139.4E6	8285.2E6	1638.464	1534.496
27) L6 Aroclor-1248 {5}	7.21	7.21	13345.1E6	4895.9E6	1896.811	1575.570
Sum Aroclor-1248			45355.0E6	39582.7E6	6957.043	6880.856
Average Aroclor-1248					1391.409	1376.171
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

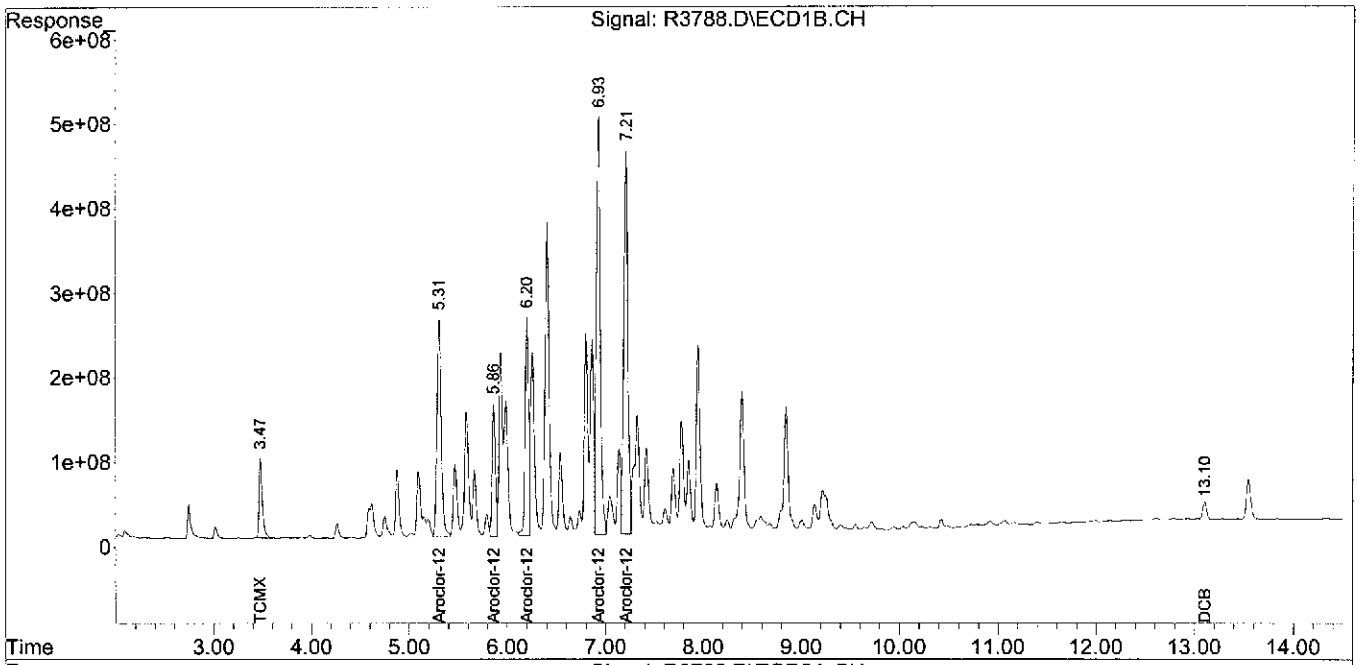
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

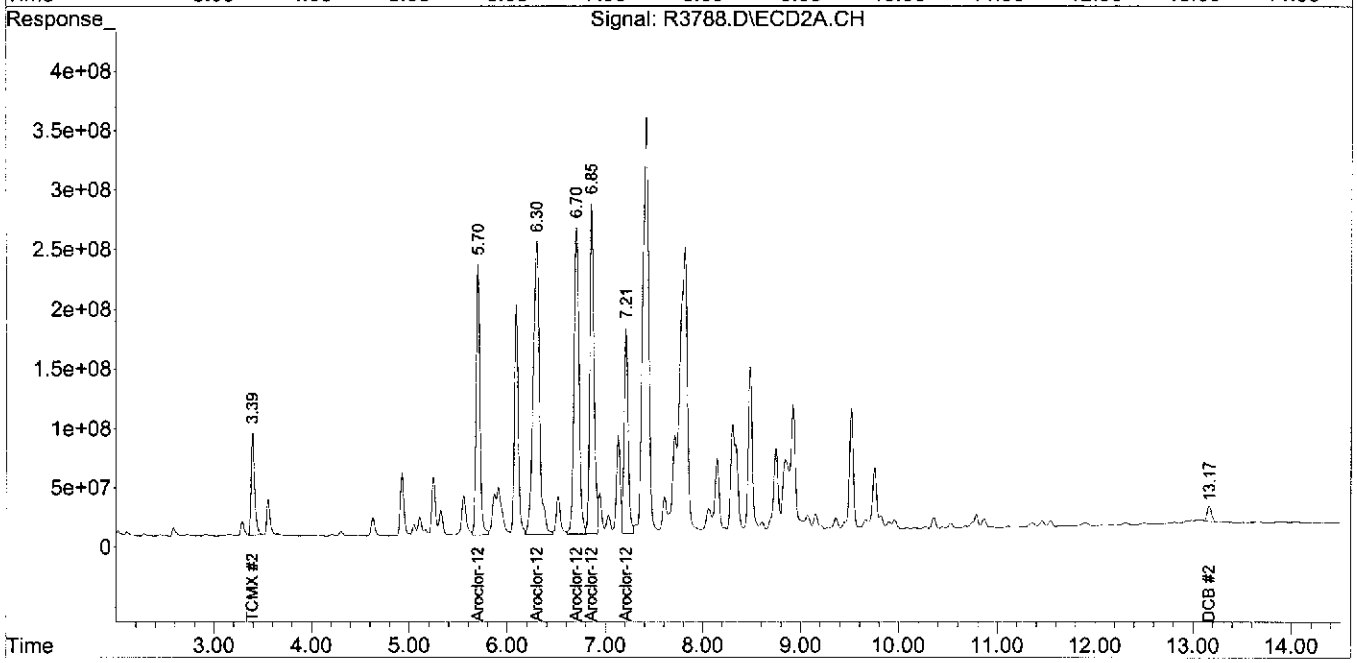
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3788.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 13:08
Operator : IB
Sample : H-36_(5.0-,09161-037,S,5.73g,27.4,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,20
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:34:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial 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\09-14-12\
Data File : R3746.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 16:09
Operator : IB
Sample : H-36_(6.0-,09161-038,S,5.80g,46.4,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:00:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	38041.1E6	36165.3E6	251.455	258.248
Spiked Amount 200.000			Recovery	=	125.73%	129.12%
2) S DCB	13.10	13.15	12789.5E6	7783.9E6	247.706m	266.939m
Spiked Amount 200.000			Recovery	=	123.85%	133.47%
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

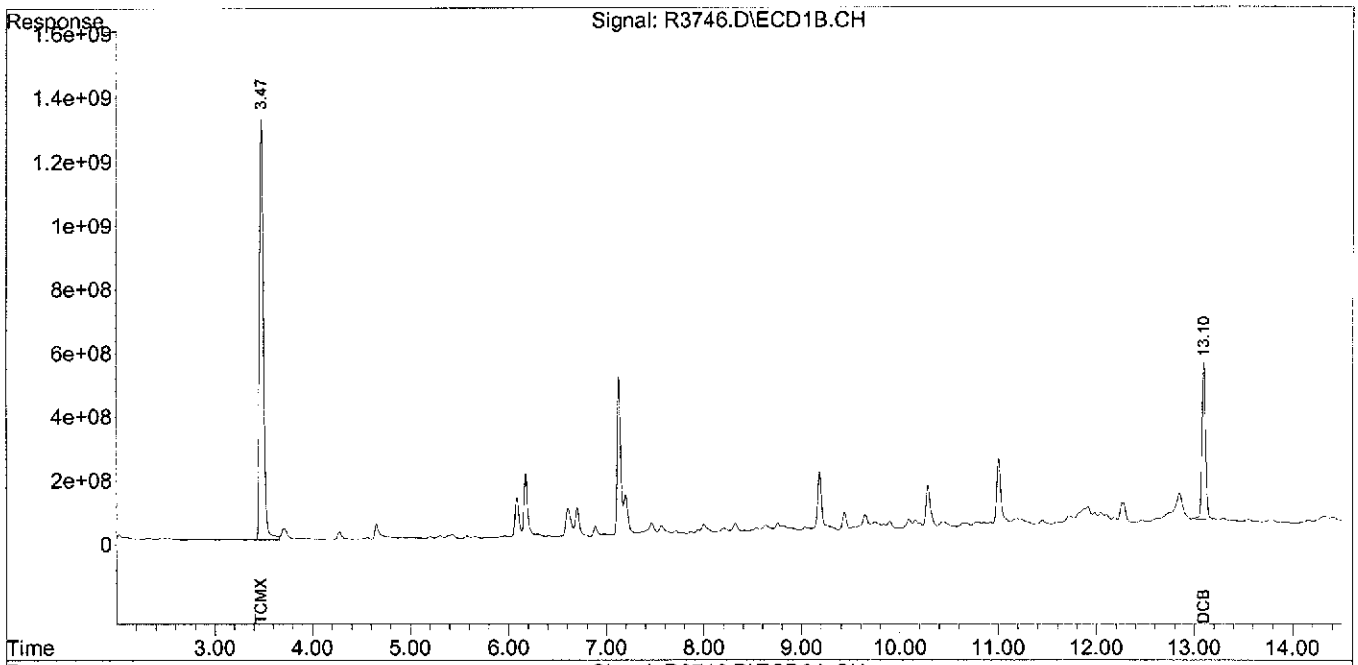
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

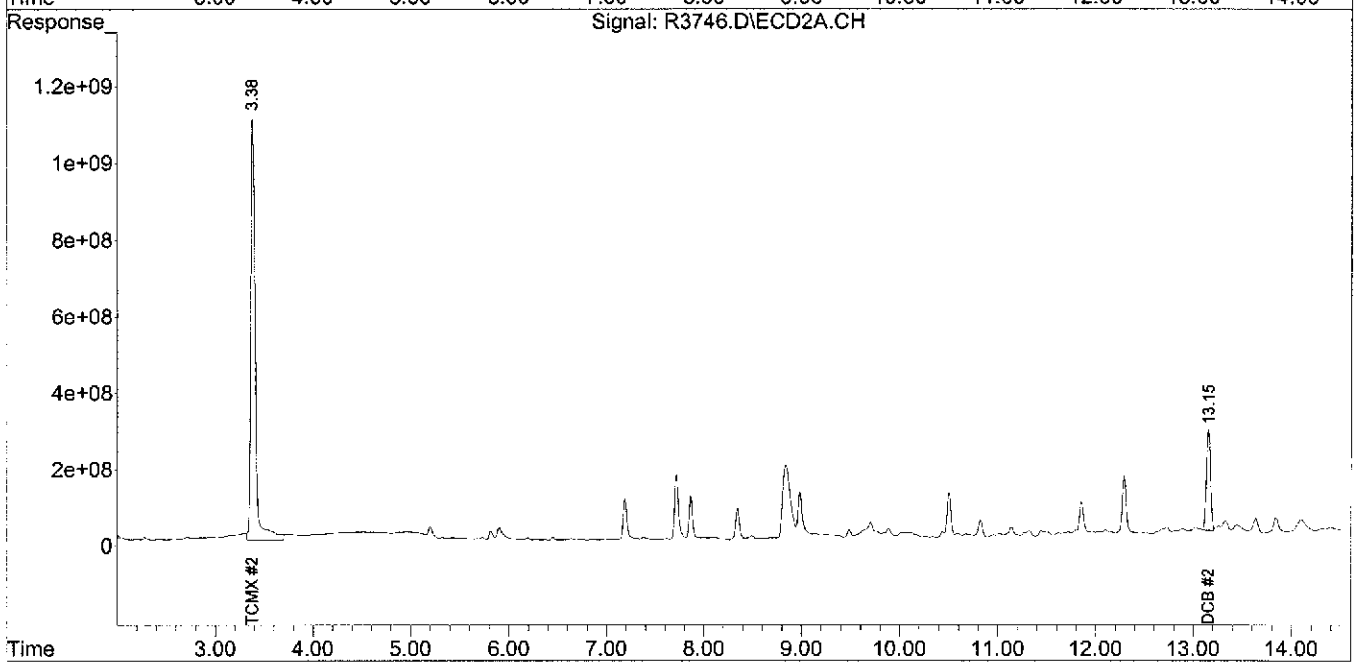
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3746.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 16:09
Operator : IB
Sample : H-36_(6.0-,09161-038,S,5.80g,46.4,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:00:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3747.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 16:26
Operator : IB
Sample : H-36_(7.0-,09161-039,S,5.11g,66.0,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:01:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	3.38	41477.8E6	37824.6E6	274.172	270.096
Spiked Amount 200.000			Recovery	=	137.09%	135.05%
2) S DCB	13.10	13.15	13200.2E6	8850.2E6	255.662m	303.506m
Spiked Amount 200.000			Recovery	=	127.83%	151.75%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

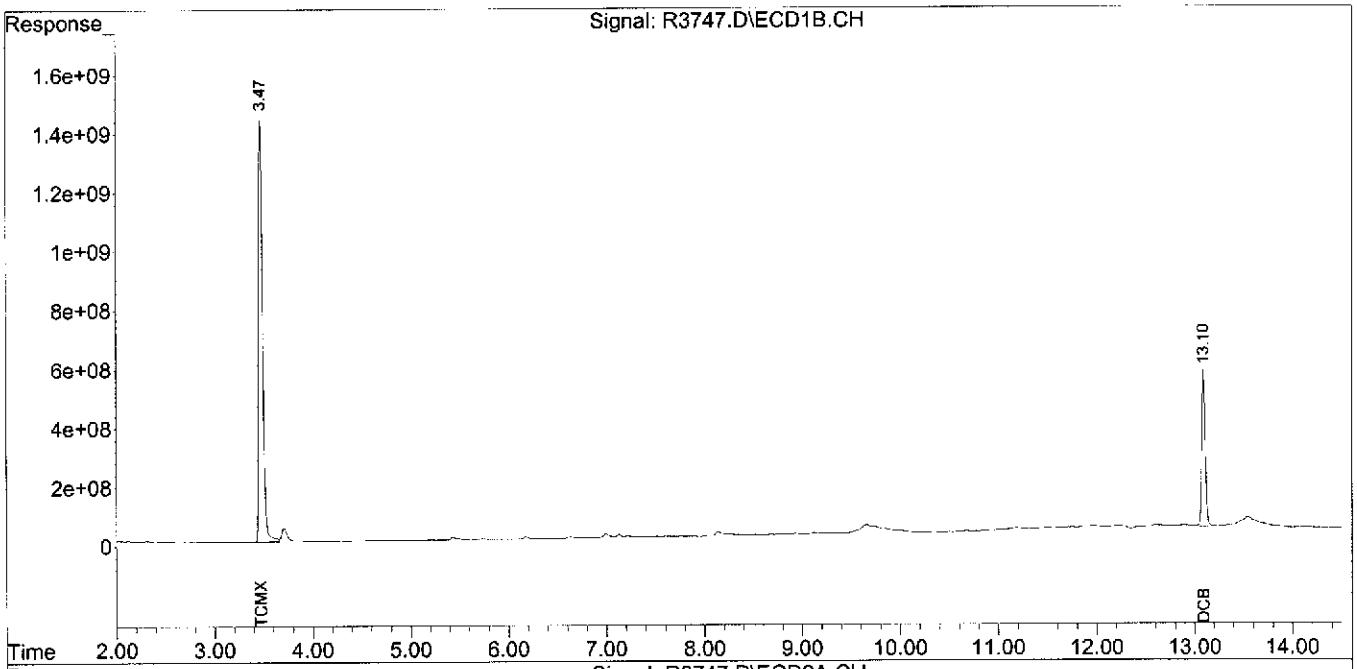
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

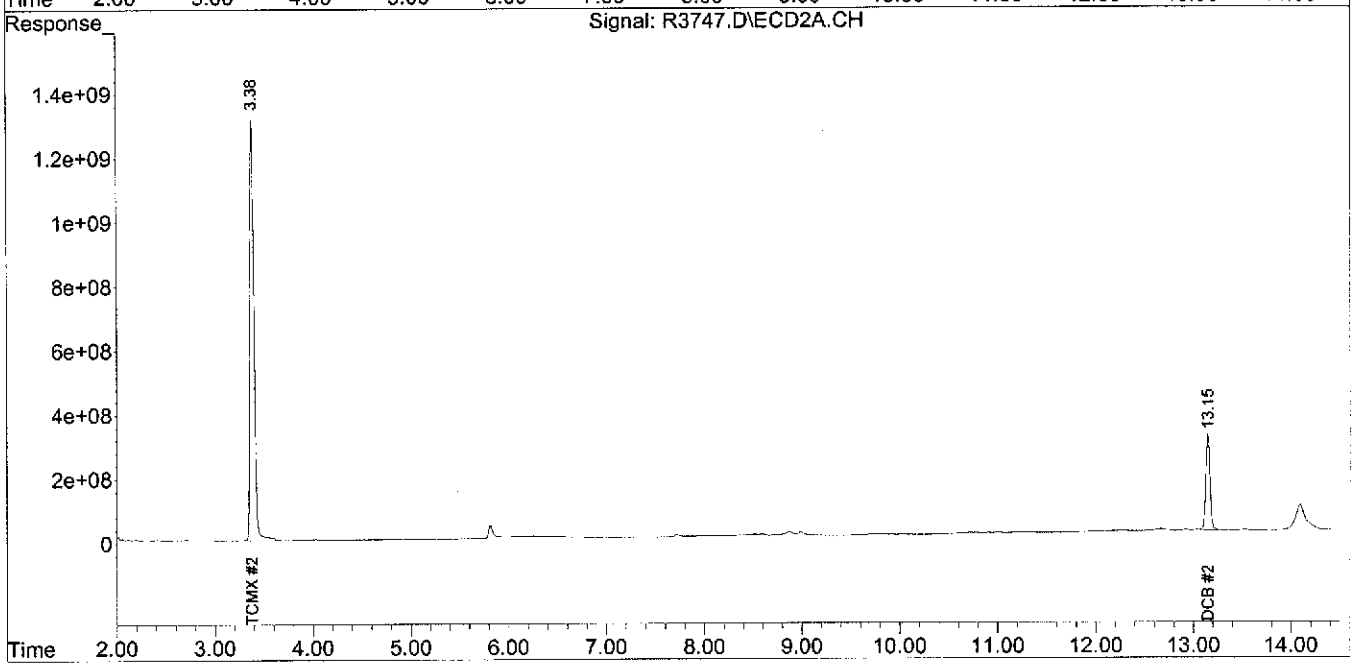
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3747.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 16:26
Operator : IB
Sample : H-36_(7.0-,09161-039,S,5.11g,66.0,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:01:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-17-12\
Data File : R3787.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 11:18
Operator : IB
Sample : J-33_(0-2.,09161-041,S,5.31g,5.40,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,2
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:06:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	19487.4E6	17375.3E6	128.813	124.073
Spiked Amount 200.000			Recovery	=	64.41%	62.04%
2) S DCB	13.10	13.15	5803.3E6	3668.9E6	112.398m	125.822m
Spiked Amount 200.000			Recovery	=	56.20%	62.91%
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
23) L6 Aroclor-1248	5.30	5.68	14782.8E6	11463.5E6	1934.653m	1907.388
24) L6 Aroclor-1248 {2}	5.86	6.28	6150.0E6	13206.1E6	1469.623	1567.554
25) L6 Aroclor-1248 {3}	6.20	6.68	7447.2E6	10162.3E6	1764.849m	1583.999
26) L6 Aroclor-1248 {4}	6.92	6.84	16993.5E6	8456.9E6	1969.189m	1566.310
27) L6 Aroclor-1248 {5}	7.20	7.19	13571.7E6	5216.3E6	1929.012m	1678.678
Sum Aroclor-1248			58945.2E6	48505.1E6	9067.326	8303.930
Average Aroclor-1248					1813.465	1660.786
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

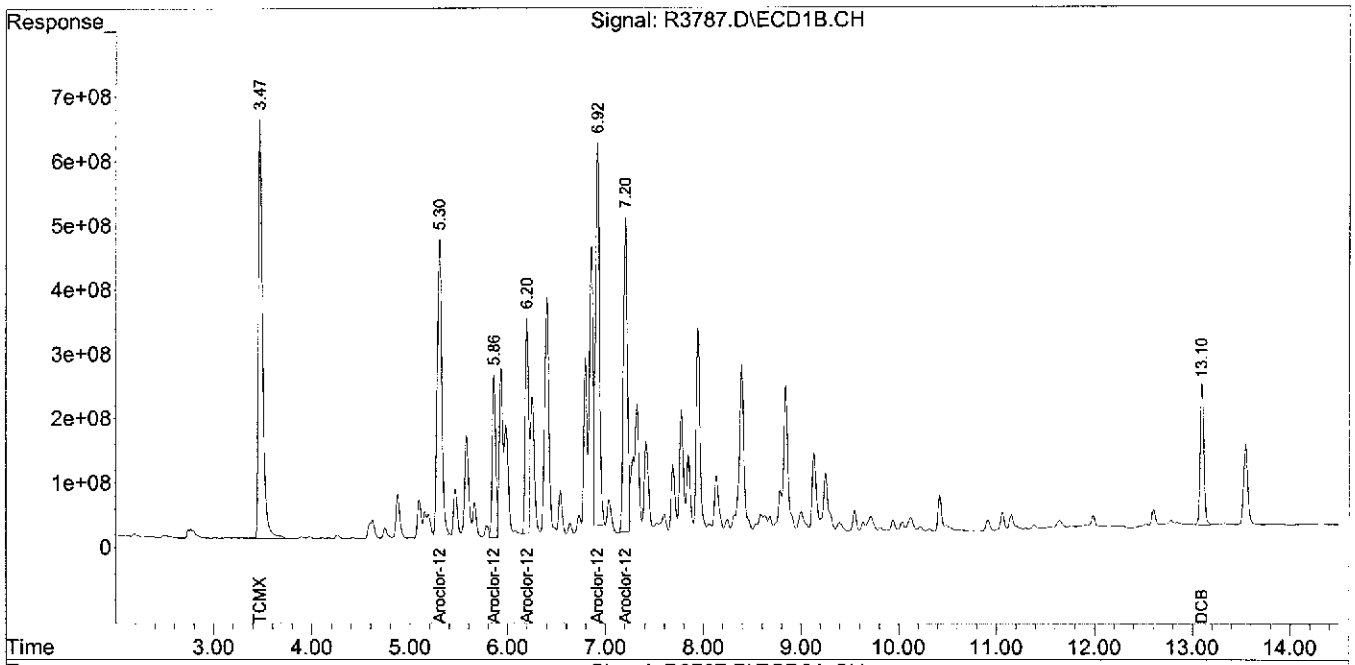
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

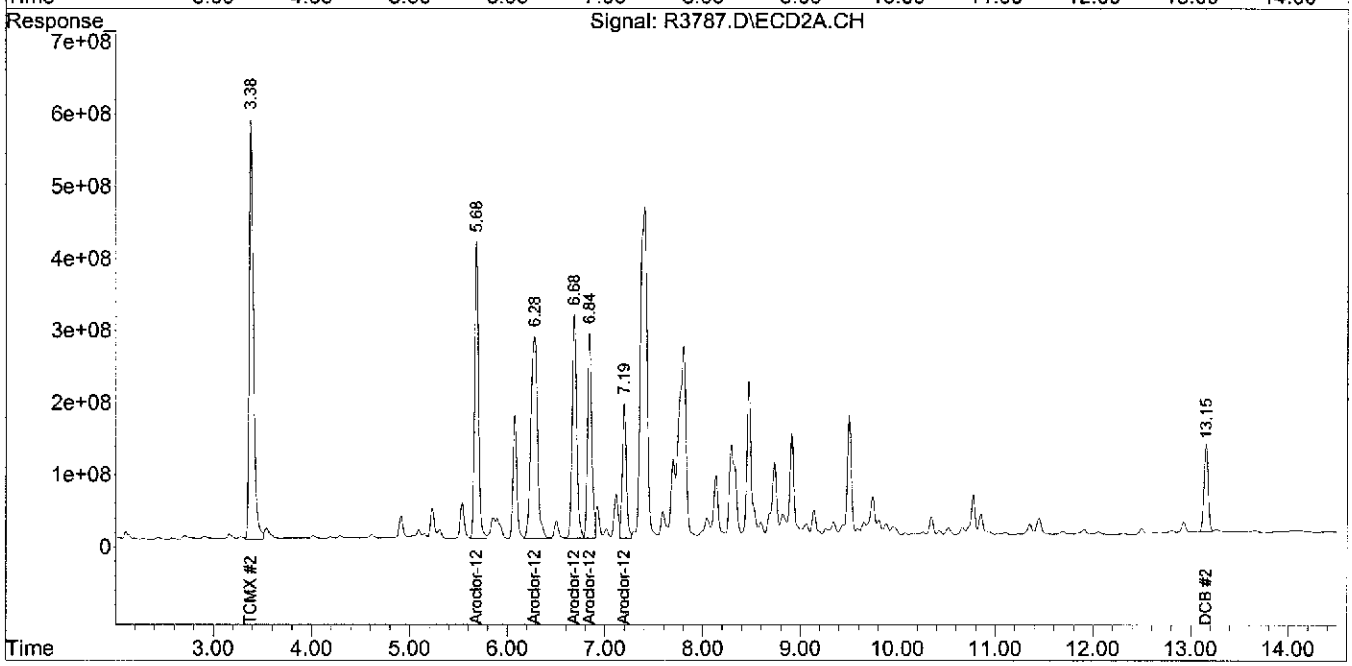
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3787.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 11:18
Operator : IB
Sample : J-33_(0-2.,09161-041,S,5.31g,5.40,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,2
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:06:12 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3750.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 17:18
Operator : IB
Sample : J-33_(2.0-,09161-042,S,5.81g,7.20,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:02:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	36799.1E6	31550.1E6	243.245	225.292
Spiked Amount 200.000			Recovery	=	121.62%	112.65%
2) S DCB	13.10	13.15	13037.7E6	7682.2E6	252.514	263.451
Spiked Amount 200.000			Recovery	=	126.26%	131.73%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	569.6E6	539.1E6	74.540	89.700
24) L6 Aroclor-1248 {2}	5.86	6.28	504.3E6	1199.1E6	120.497	142.327
25) L6 Aroclor-1248 {3}	6.20	6.69	279.6E6	491.2E6	66.259	76.558
26) L6 Aroclor-1248 {4}	6.92	6.84	301.3E6	285.0E6	34.909	52.791 #
27) L6 Aroclor-1248 {5}	7.21	7.20	162.9E6	60254704	23.149	19.391
Sum Aroclor-1248			1817.5E6	2574.6E6	319.354	380.768
Average Aroclor-1248					63.871	76.154
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

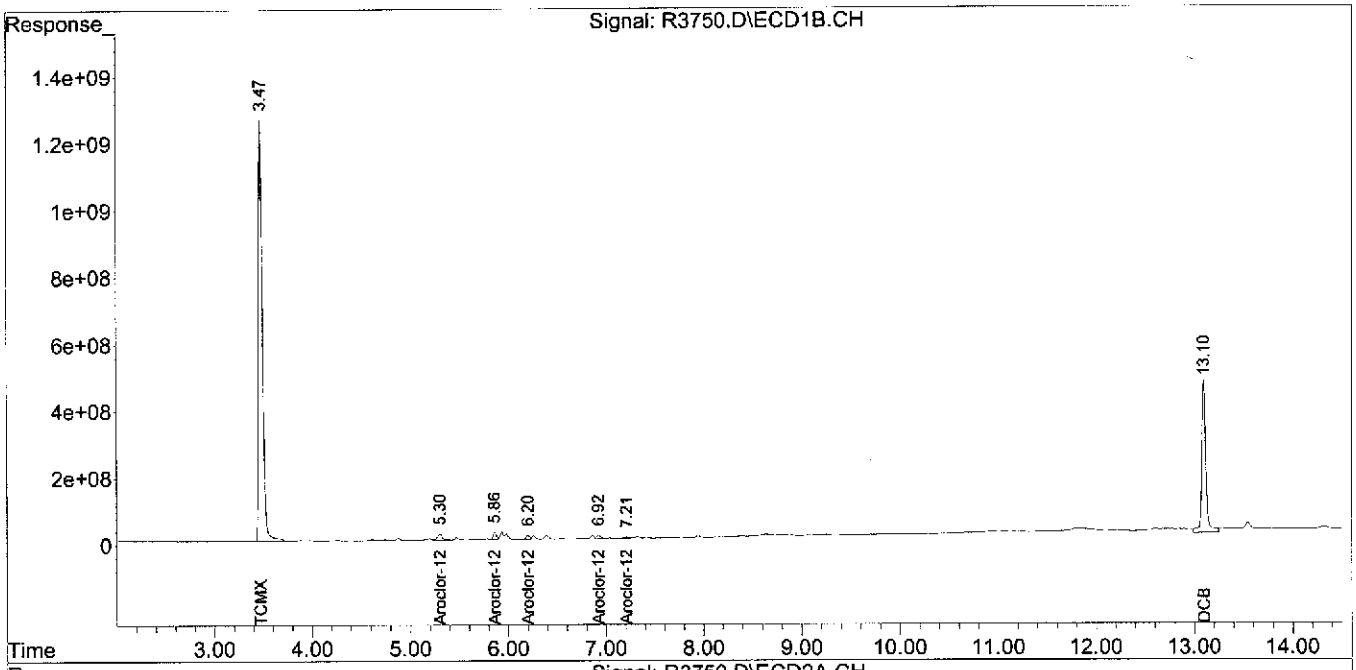
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

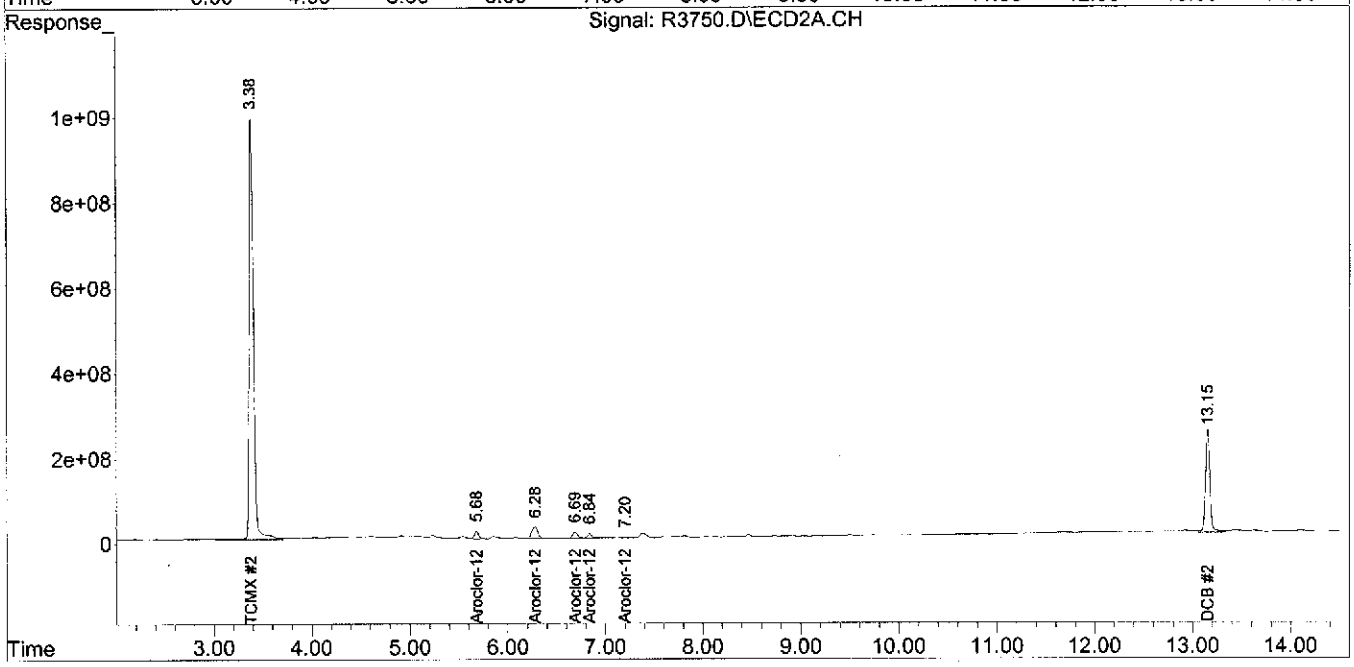
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3750.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 17:18
Operator : IB
Sample : J-33_(2.0-,09161-042,S,5.81g,7.20,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:02:42 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3751.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 17:36
Operator : IB
Sample : J-33_(4.0-,09161-043,S,5.28g,75.3,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:08:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	40789.9E6	39867.3E6	269.624	284.683
Spiked Amount 200.000			Recovery	=	134.81%	142.34%
2) S DCB	13.10	13.15	14608.1E6	9581.6E6	282.929m	328.590m
Spiked Amount 200.000			Recovery	=	141.46%	164.29%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	791.3E6	708.4E6	103.556m	117.873
24) L6 Aroclor-1248 {2}	5.86	6.27	330.0E6	599.7E6	78.867	71.181m
25) L6 Aroclor-1248 {3}	6.20	6.68	393.3E6	397.7E6	93.215	61.991m#
26) L6 Aroclor-1248 {4}	6.91	6.84	573.4E6	288.6E6	66.444m	53.444m
27) L6 Aroclor-1248 {5}	7.20	7.19	752.1E6	506.9E6	106.905	163.134m#
Sum Aroclor-1248			2840.2E6	2501.3E6	448.988	467.623
Average Aroclor-1248					89.798	93.525
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

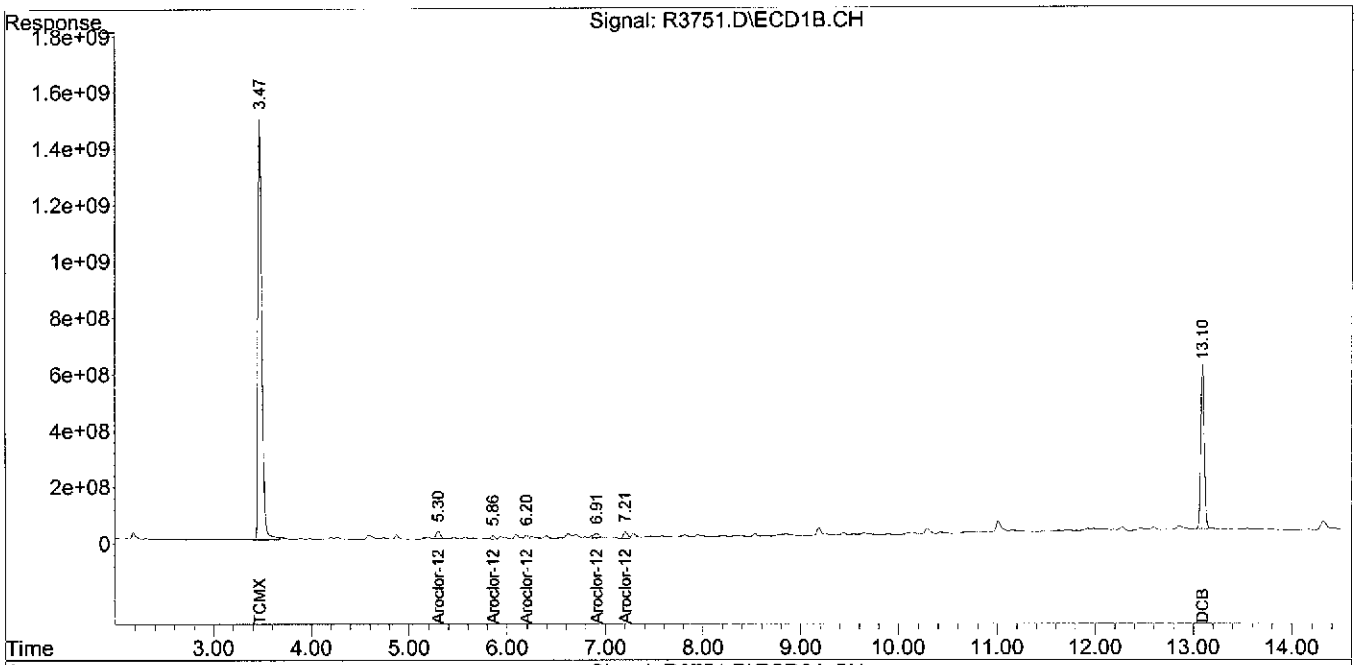
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

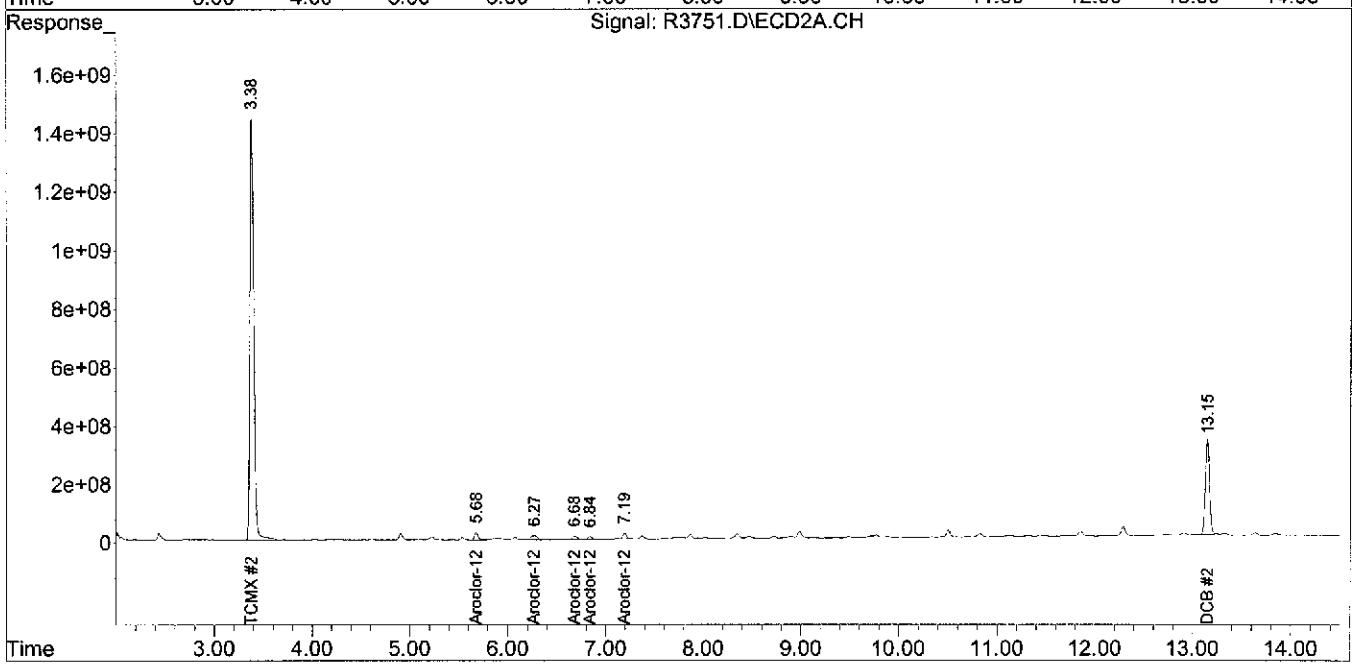
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3751.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 17:36
Operator : IB
Sample : J-33_(4.0-,09161-043,S,5.28g,75.3,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:08:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3752.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 17:53
Operator : IB
Sample : J-33_(5.25,09161-044,S,5.42g,27.6,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:09:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	39261.7E6	33887.3E6	259.523	241.981
Spiked Amount 200.000			Recovery	=	129.76%	120.99%
2) S DCB	13.10	13.15	12171.9E6	8171.0E6	235.746	280.213m
Spiked Amount 200.000			Recovery	=	117.87%	140.11%
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	5.30	5.68	242.5E6	231.2E6	31.733	38.461
24) L6 Aroclor-1248 {2}	5.86	6.28	88742039	237.6E6	21.206	28.204m#
25) L6 Aroclor-1248 {3}	6.20	6.68	79134068	130.0E6	18.753	20.268m
26) L6 Aroclor-1248 {4}	6.92	6.84	89755099	83304841	10.401	15.429m#
27) L6 Aroclor-1248 {5}	7.23	7.19	90933719	43589035	12.925m	14.028
Sum Aroclor-1248			591.0E6	725.7E6	95.017	116.390
Average Aroclor-1248					19.003	23.278
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

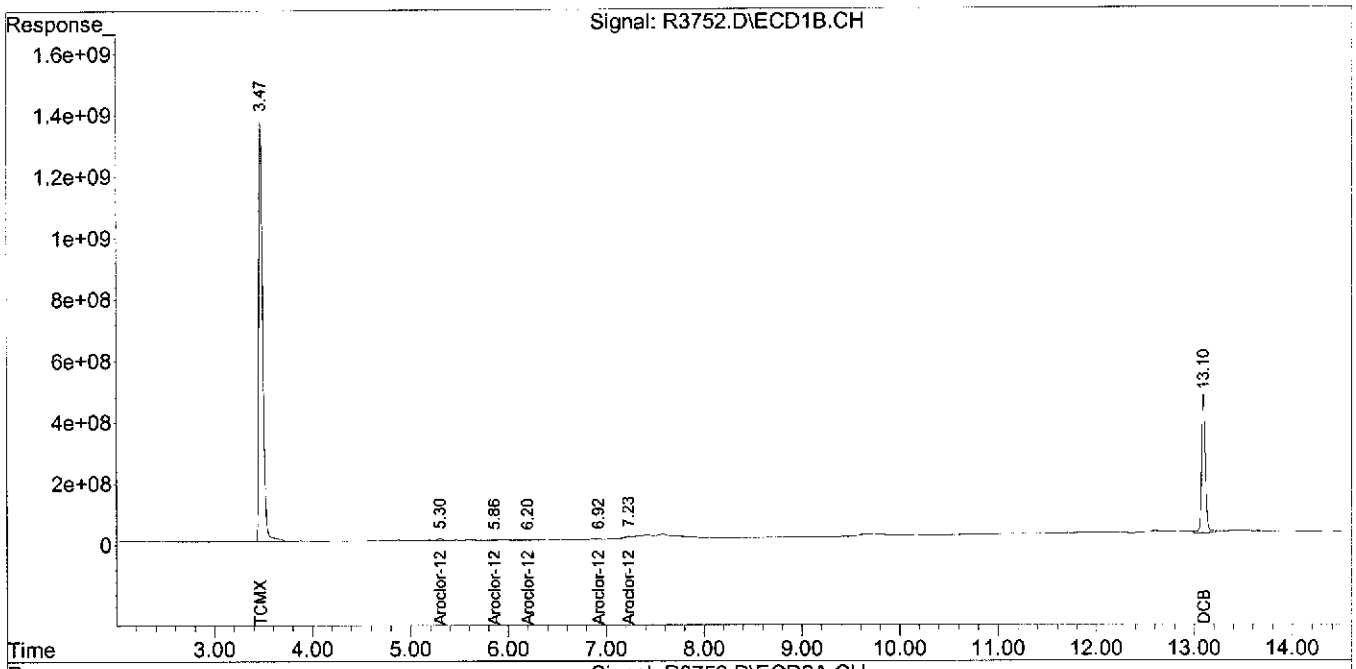
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

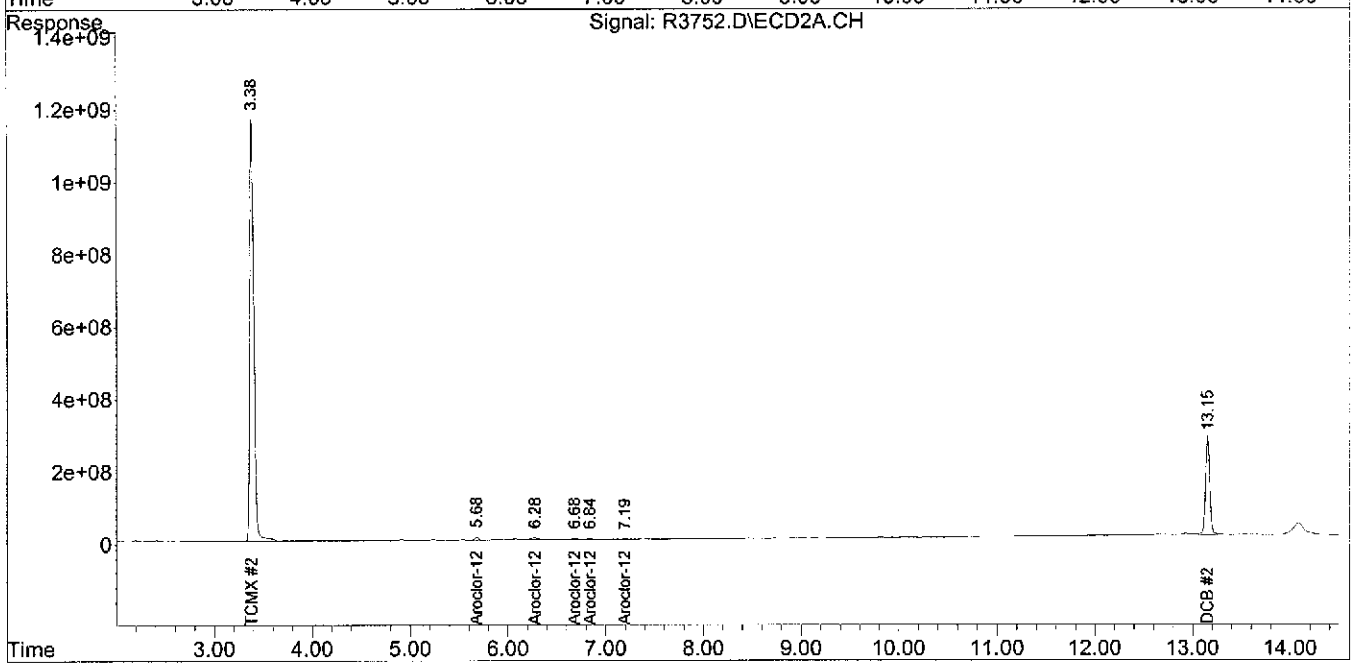
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3752.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 17:53
Operator : IB
Sample : J-33_(5.25,09161-044,S,5.42g,27.6,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:09:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3753.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:11
Operator : IB
Sample : J-32_(0-2.,09161-045,S,5.53g,8.00,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:10:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	36296.8E6	31550.1E6	239.925	225.292
Spiked Amount 200.000			Recovery	=	119.96%	112.65%
2) S DCB	13.10	13.15	12741.2E6	7889.3E6	246.771	270.552
Spiked Amount 200.000			Recovery	=	123.39%	135.28%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	993.7E6	831.5E6	130.052	138.357
24) L6 Aroclor-1248 {2}	5.86	6.27	501.6E6	1172.2E6	119.871	139.140
25) L6 Aroclor-1248 {3}	6.20	6.68	552.9E6	802.8E6	131.038	125.137
26) L6 Aroclor-1248 {4}	6.92	6.84	2376.7E6	743.2E6	275.410	137.649 #
27) L6 Aroclor-1248 {5}	7.20	7.19	1892.8E6	760.2E6	269.029	244.642
Sum Aroclor-1248			6317.8E6	4310.0E6	925.399	784.925
Average Aroclor-1248					185.080	156.985
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

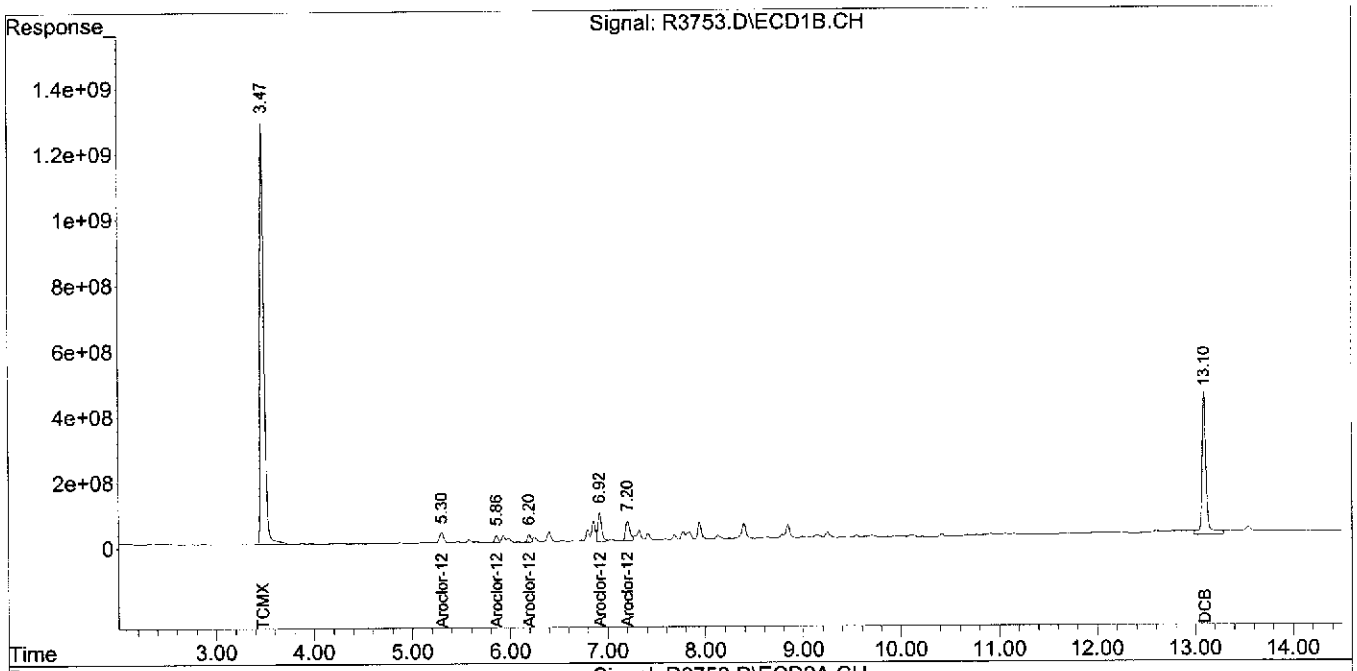
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

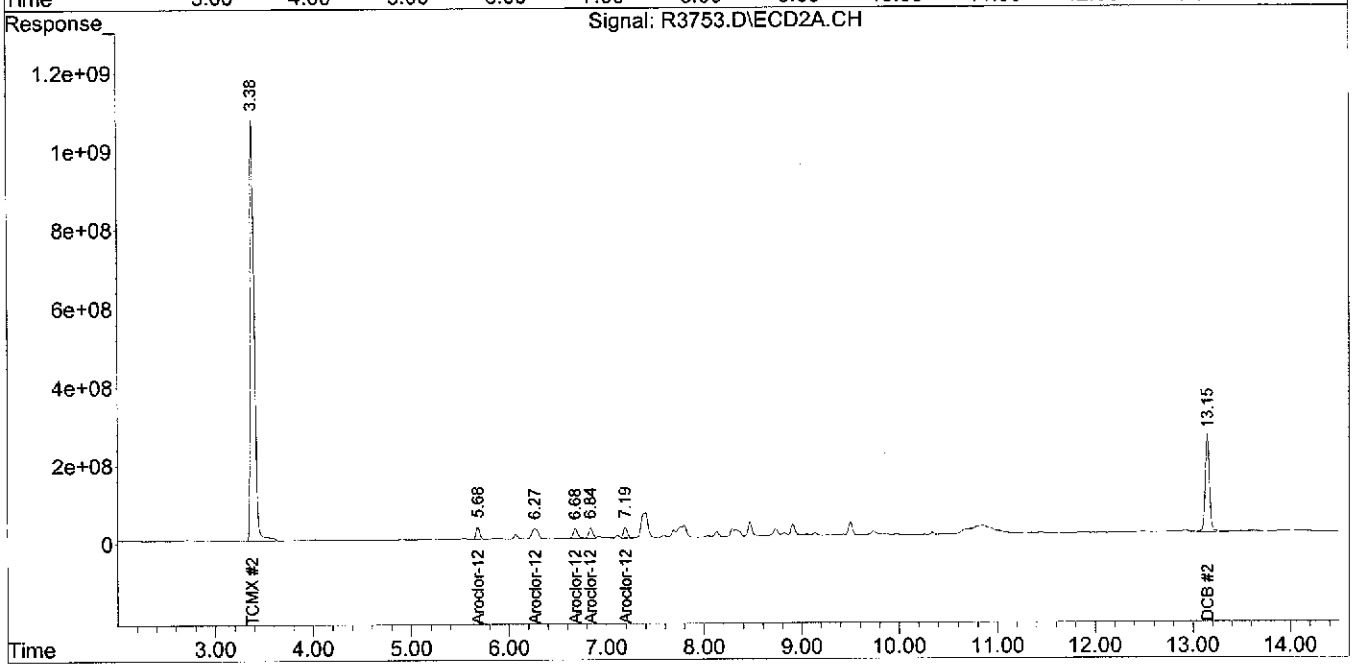
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3753.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:11
Operator : IB
Sample : J-32_(0-2.,09161-045,S,5.53g,8.00,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:10:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3754.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:28
Operator : IB
Sample : J-32_(2.0-,09161-046,S,5.06g,6.20,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:11:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	37951.3E6	31909.5E6	250.861	227.858
Spiked Amount 200.000			Recovery	=	125.43%	113.93%
2) S DCB	13.10	13.15	13382.1E6	8117.3E6	259.183	278.372
Spiked Amount 200.000			Recovery	=	129.59%	139.19%
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

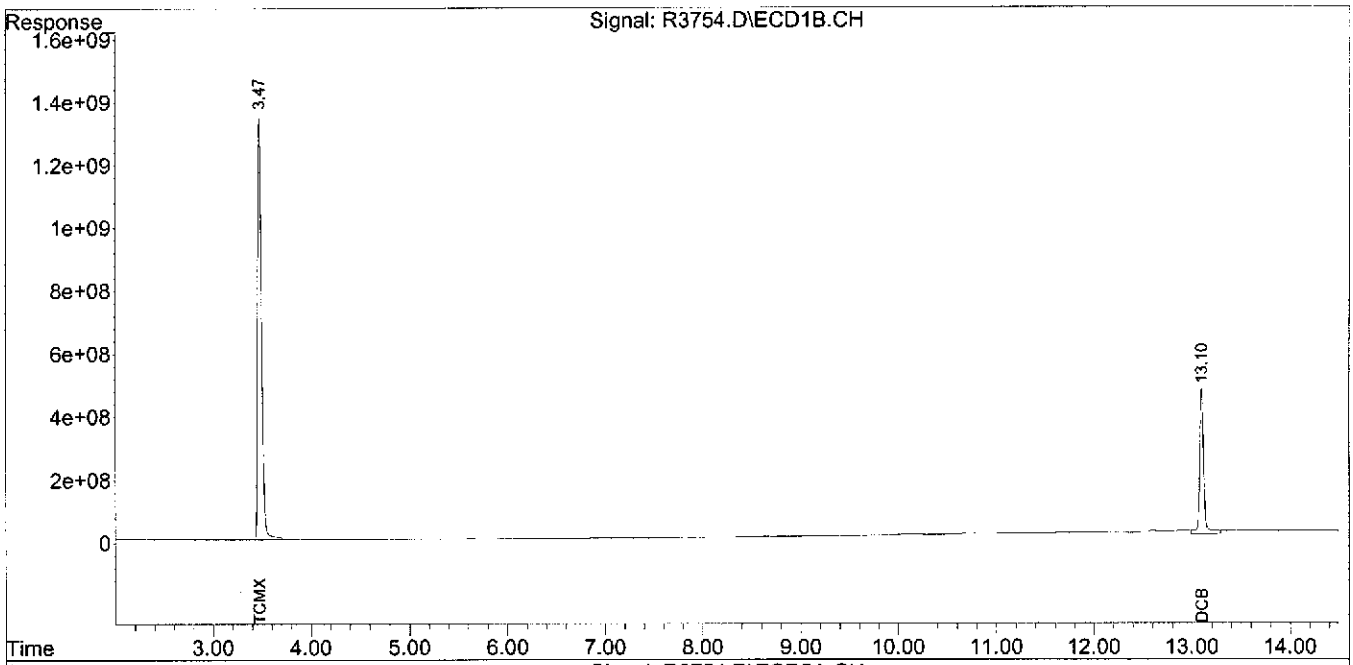
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

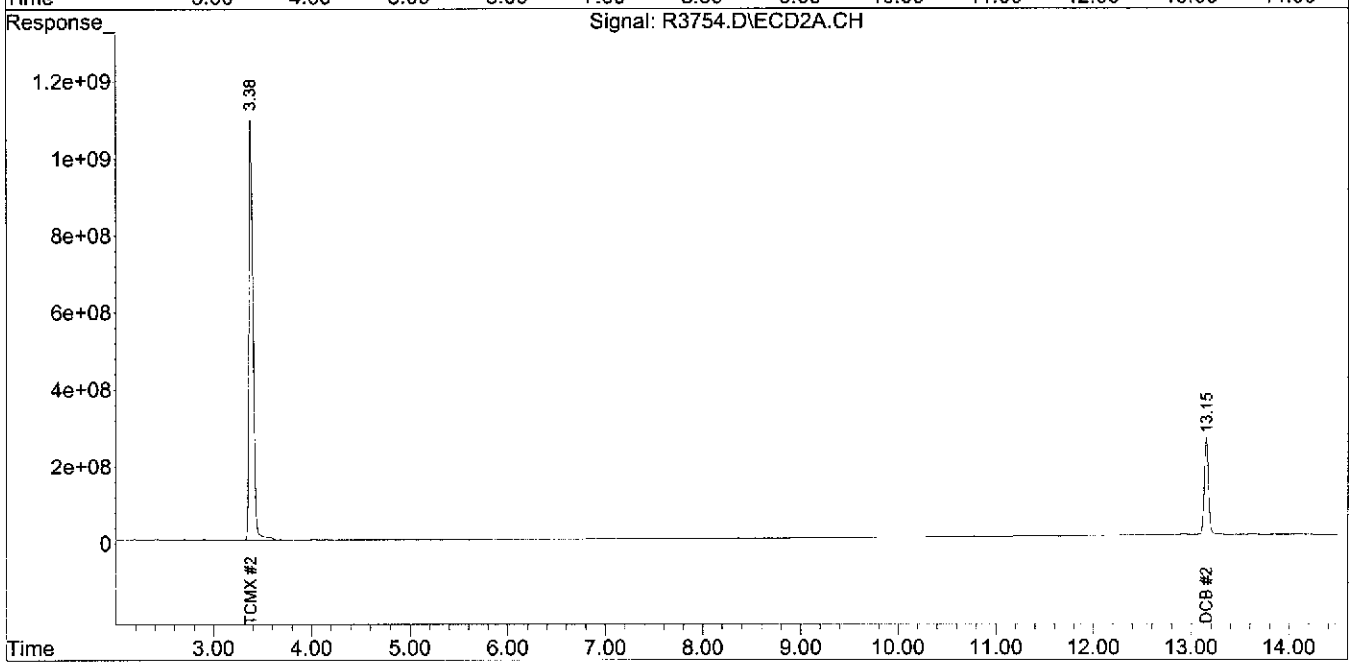
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3754.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:28
Operator : IB
Sample : J-32_(2.0-,09161-046,S,5.06g,6.20,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:11:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3755.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:45
Operator : IB
Sample : J-32_(4.0-,09161-047,S,5.14g,12.0,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:12:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	39027.9E6	33142.5E6	257.978	236.663
Spiked Amount 200.000			Recovery	=	128.99%	118.33%
2) S DCB	13.10	13.15	14429.9E6	8311.4E6	279.478	285.030
Spiked Amount 200.000			Recovery	=	139.74%	142.51%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	68592648	59877084	8.977	9.963
24) L6 Aroclor-1248 {2}	5.86	6.28	147.1E6	373.8E6	35.147	44.366 #
25) L6 Aroclor-1248 {3}	6.20	6.68	156.6E6	231.5E6	37.102	36.078
26) L6 Aroclor-1248 {4}	6.92	6.84	302.9E6	119.5E6	35.095	22.132 #
27) L6 Aroclor-1248 {5}	7.20	7.20	145.8E6	82208275	20.719	26.456 #
Sum Aroclor-1248			820.9E6	866.8E6	137.040	138.996
Average Aroclor-1248					27.408	27.799
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

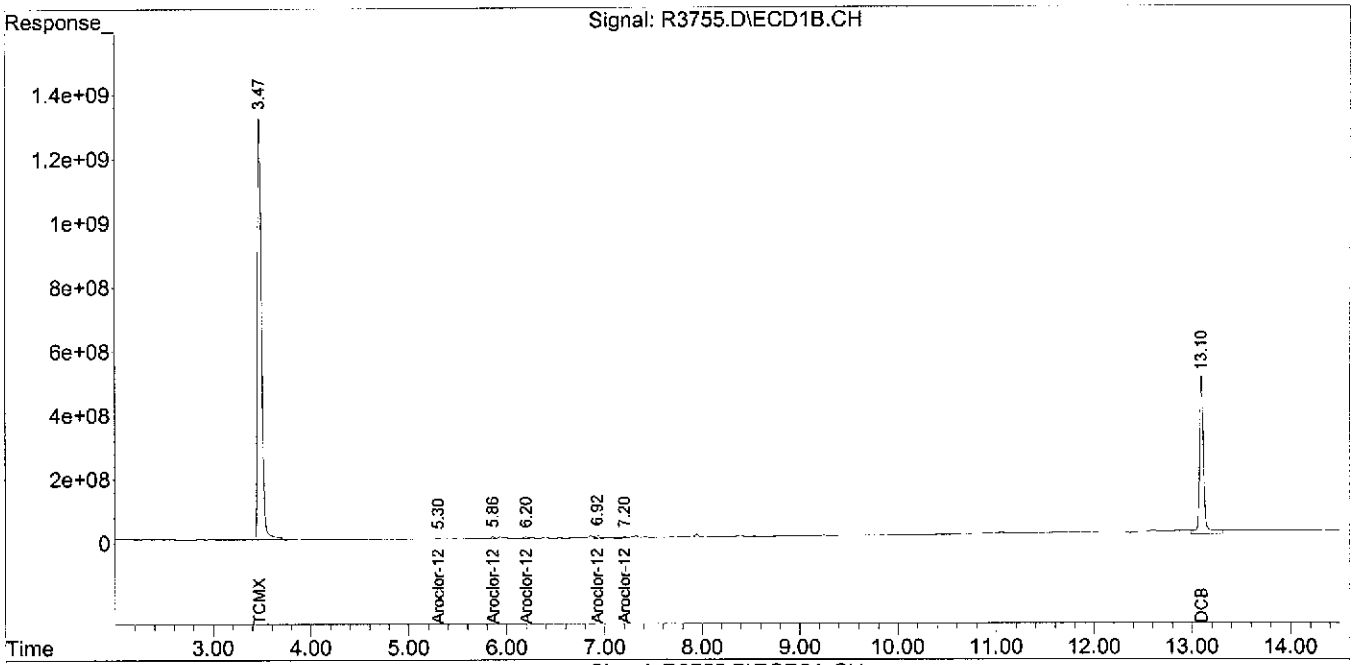
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

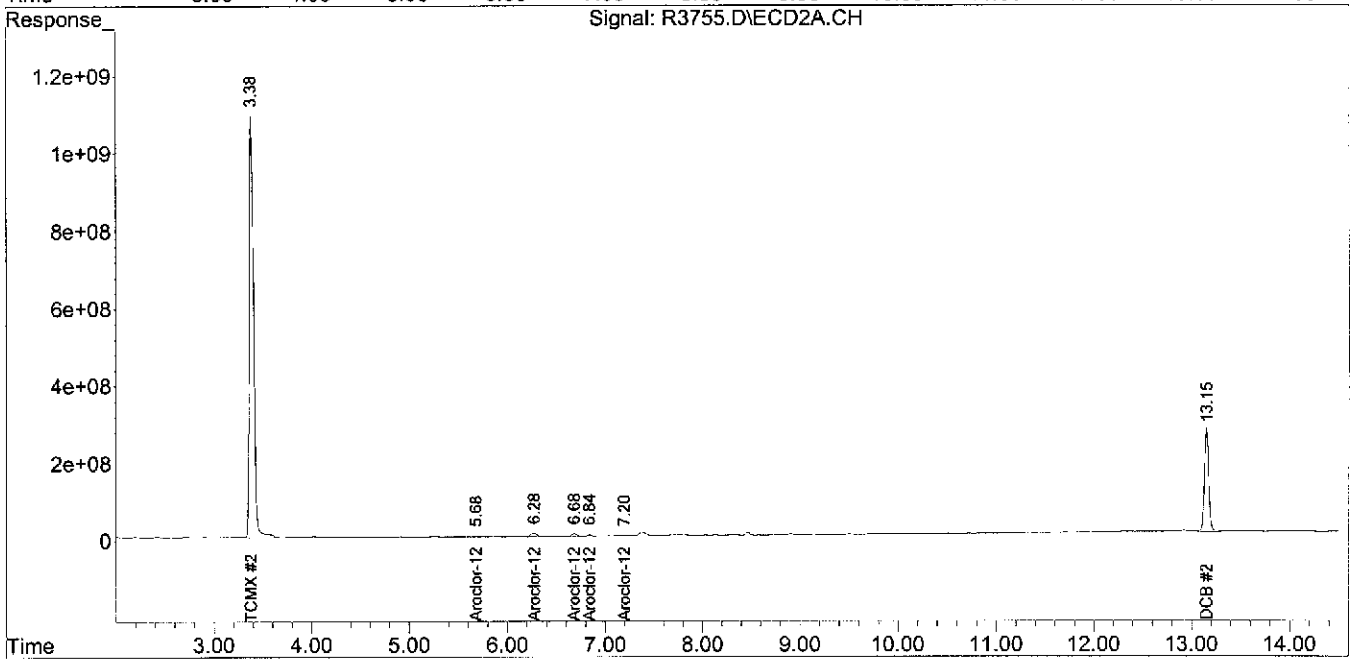
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3755.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 18:45
Operator : IB
Sample : J-32_(4.0-,09161-047,S,5.14g,12.0,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:12:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3756.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:03
Operator : IB
Sample : J-32_(5.0-,09161-048,S,5.29g,23.2,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:13:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	3.38	40816.3E6	35169.9E6	269.799	251.140
Spiked Amount 200.000			Recovery	=	134.90%	125.57%
2) S DCB	13.10	13.15	14658.1E6	9065.5E6	283.898	310.891
Spiked Amount 200.000			Recovery	=	141.95%	155.45%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

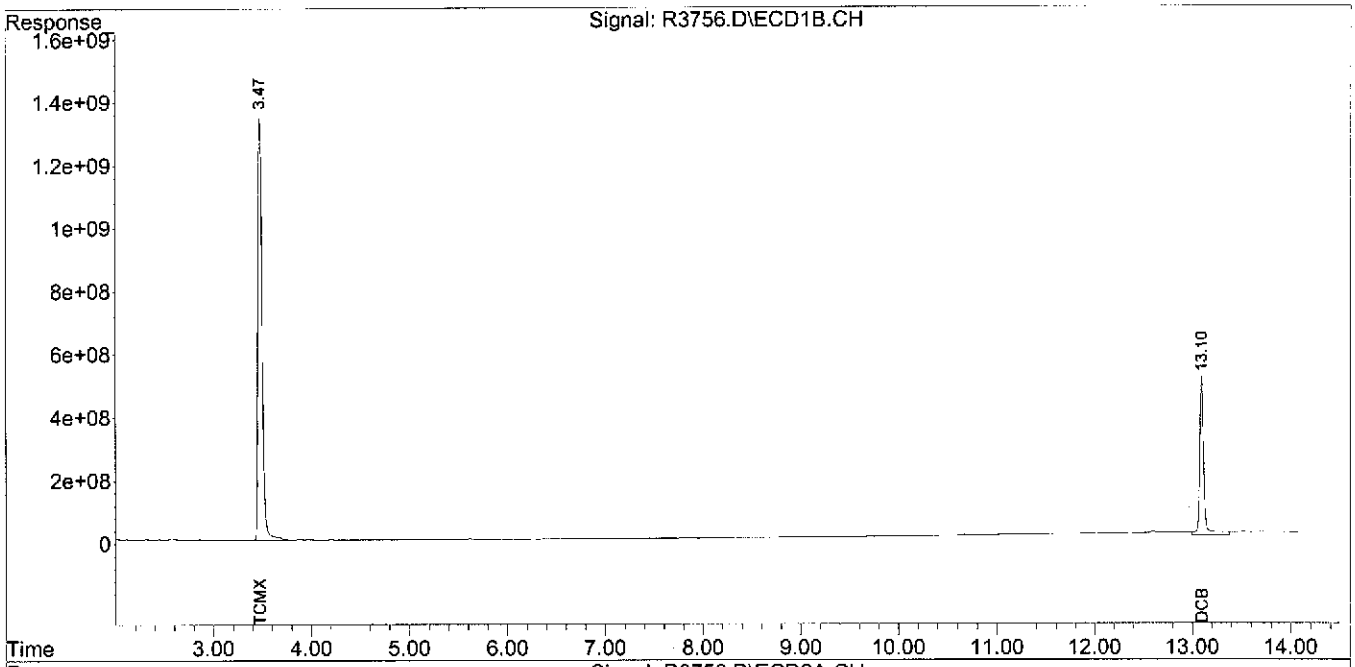
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

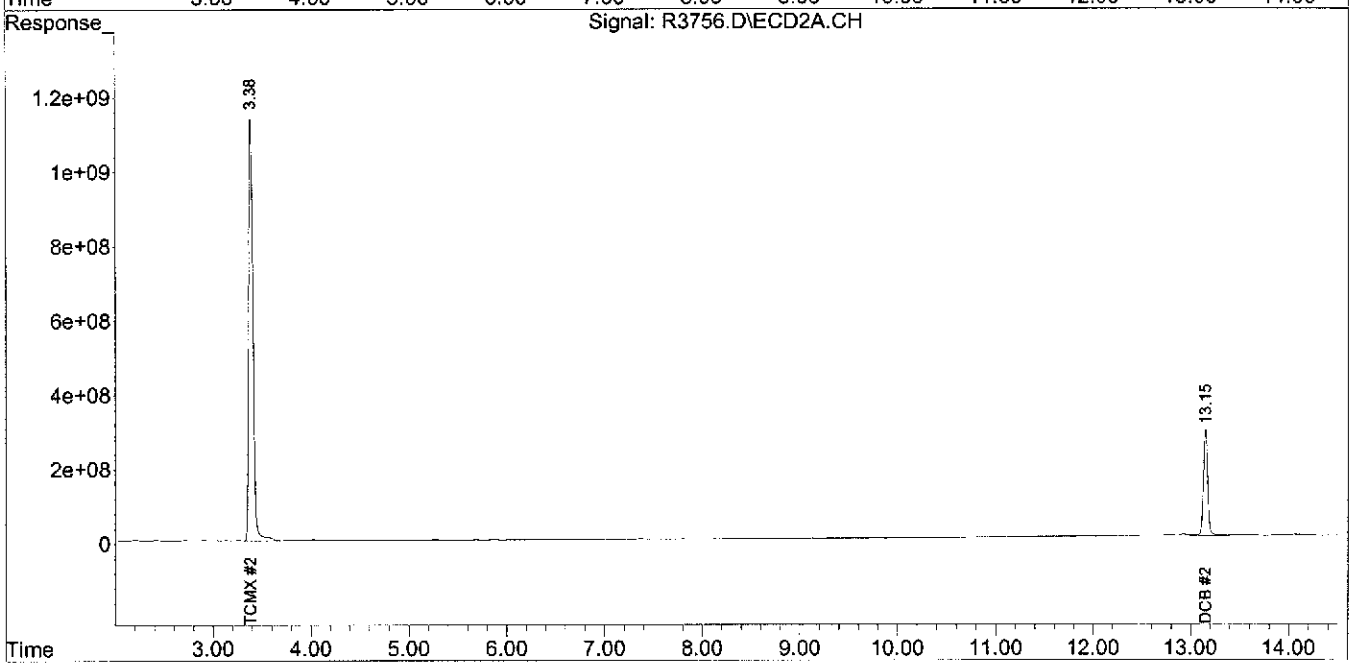
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3756.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:03
Operator : IB
Sample : J-32_(5.0-,09161-048,S,5.29g,23.2,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:13:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3757.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:20
Operator : IB
Sample : I-32_(5.5-,09161-049,S,5.19g,27.3,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:15:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	43860.4E6	38551.0E6	289.921	275.283
Spiked Amount 200.000			Recovery	=	144.96%	137.64%
2) S DCB	13.10	13.15	13859.7E6	9195.4E6	268.435m	315.344m
Spiked Amount 200.000			Recovery	=	134.22%	157.67%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	531.6E6	480.4E6	69.567m	79.938m
24) L6 Aroclor-1248 {2}	5.86	6.28	180.2E6	554.9E6	43.067m	65.864m#
25) L6 Aroclor-1248 {3}	6.20	6.68	135.1E6	183.0E6	32.018m	28.521m
26) L6 Aroclor-1248 {4}	6.92	6.84	106.2E6	123.2E6	12.312m	22.819m#
27) L6 Aroclor-1248 {5}	7.20	7.19	104.8E6	41957030	14.890m	13.502m
Sum Aroclor-1248			1057.9E6	1383.5E6	171.854	210.645
Average Aroclor-1248					34.371	42.129
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

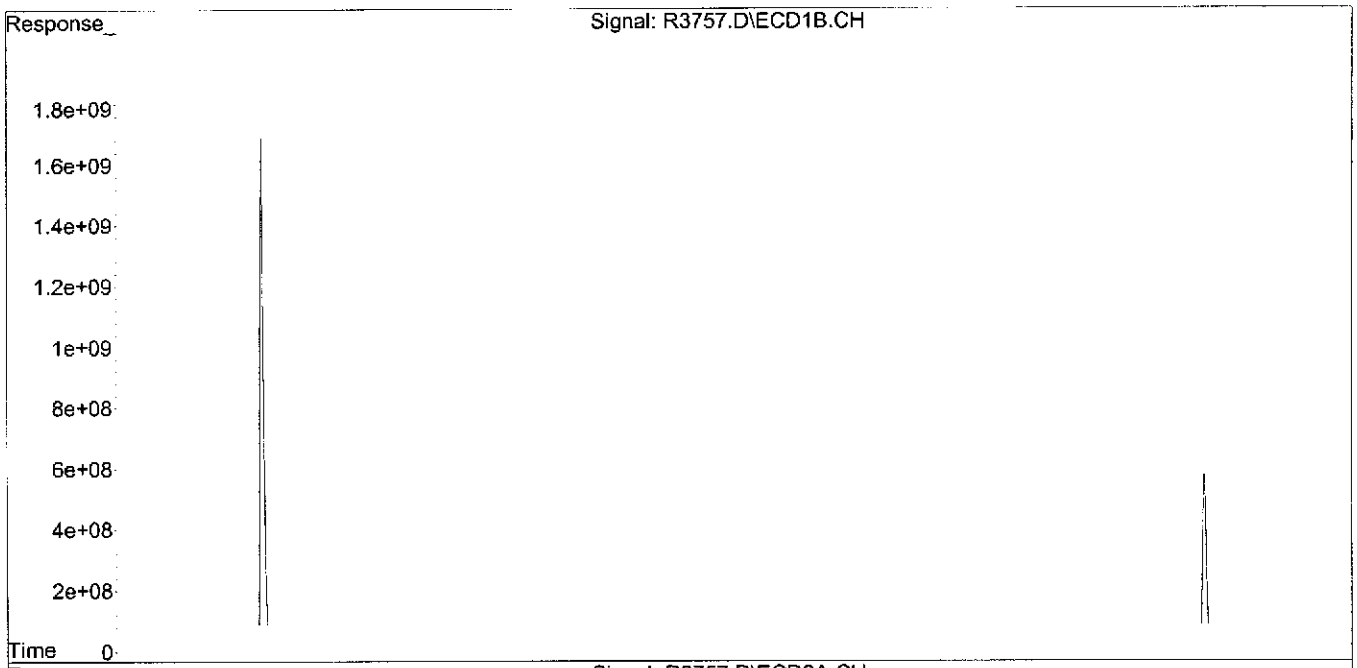
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

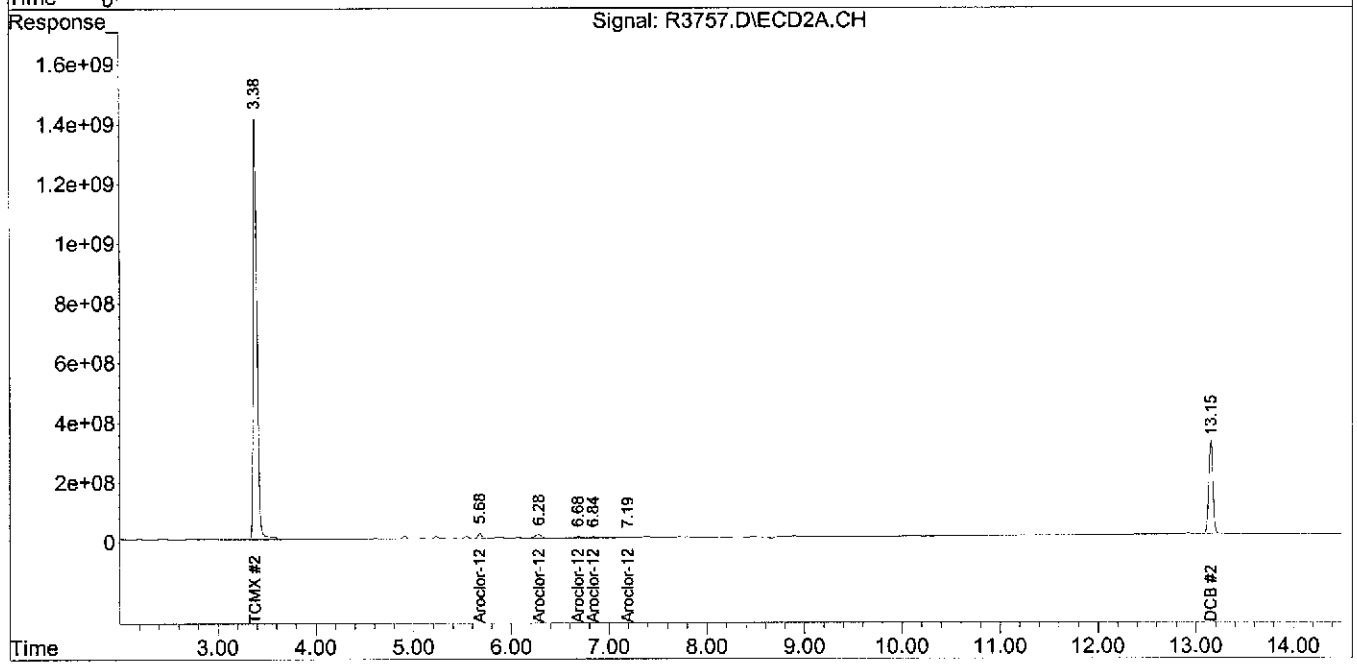
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3757.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:20
Operator : IB
Sample : I-32_(5.5-,09161-049,S,5.19g,27.3,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 18 Sample Multiplier: 1

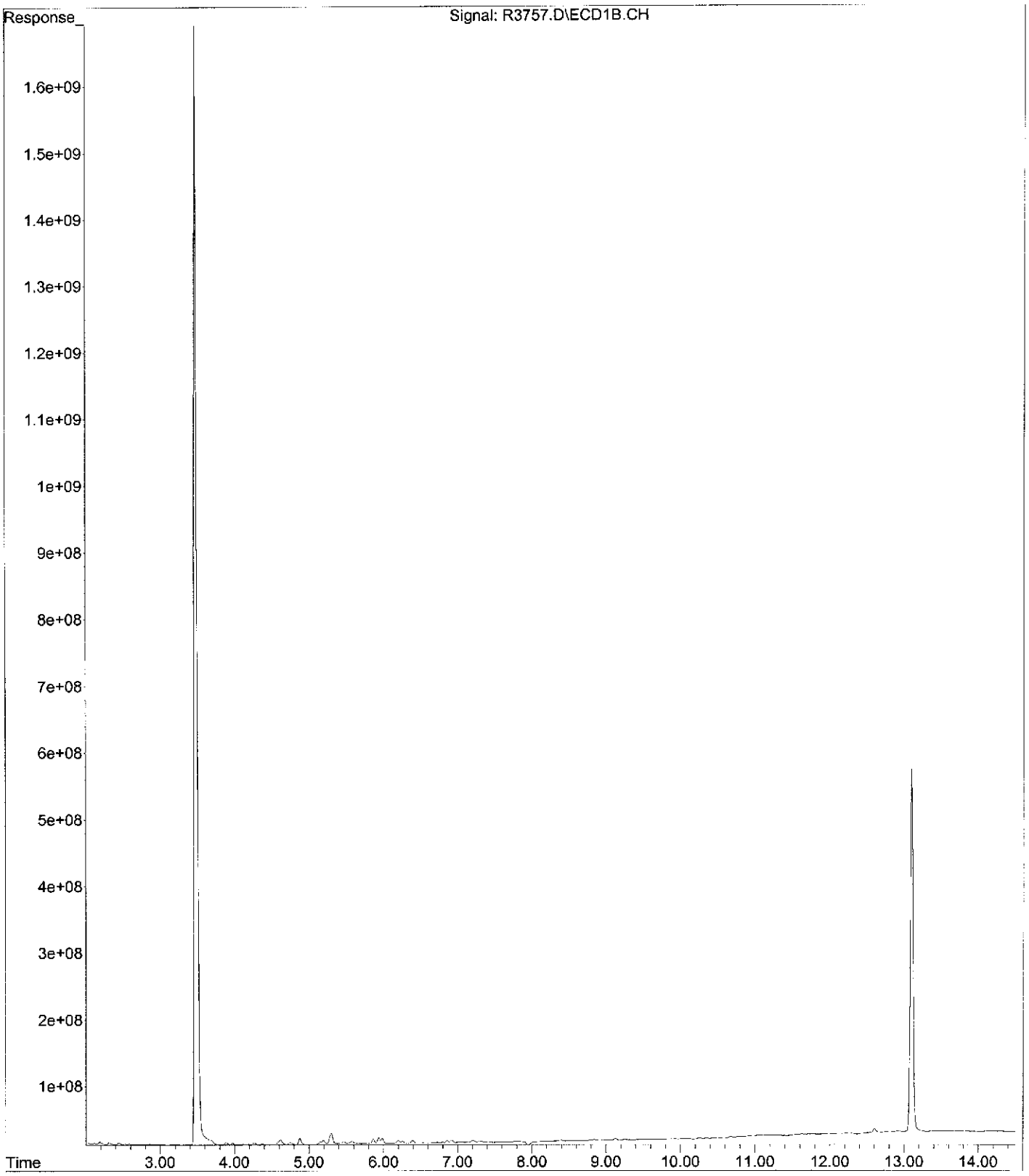
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:15:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDCHEM\1\DATA\09-14-12\R3757.D
Operator : IB
Acquired : 14 Sep 2012 19:20 using AcqMethod RPCB0830.M
Instrument : GC_R
Sample Name: I-32_(5.5-,09161-049,S,5.19g,27.3,09/14/12,4
Misc Info : 120914-01,09/10/12,09/10/12,1
Vial Number: 18



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3758.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:38
Operator : IB
Sample : M-33_(0-2.,09161-050,S,5.28g,9.60,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:17:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	3.38	23835.3E6	24152.7E6	157.553	172.469
Spiked Amount 200.000			Recovery	=	78.78%	86.23%
2) S DCB	13.10	13.15	7870.8E6	6174.7E6	152.442m	211.753m#
Spiked Amount 200.000			Recovery	=	76.22%	105.88%
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	5.68	2178.4E6	1676.8E6	285.098	278.995
24) L6 Aroclor-1248 {2}	5.84	6.28	1371.1E6	3167.3E6	327.629m	375.961
25) L6 Aroclor-1248 {3}	6.20	6.67	1400.9E6	4509.3E6	331.998m	702.861m#
26) L6 Aroclor-1248 {4}	6.92	6.84	6024.1E6	1747.5E6	698.061m	323.655m#
27) L6 Aroclor-1248 {5}	7.21	7.19	4483.3E6	1112.0E6	637.233m	357.849 #
Sum Aroclor-1248			15457.8E6	12212.8E6	2280.019	2039.321
Average Aroclor-1248					456.004	407.864
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

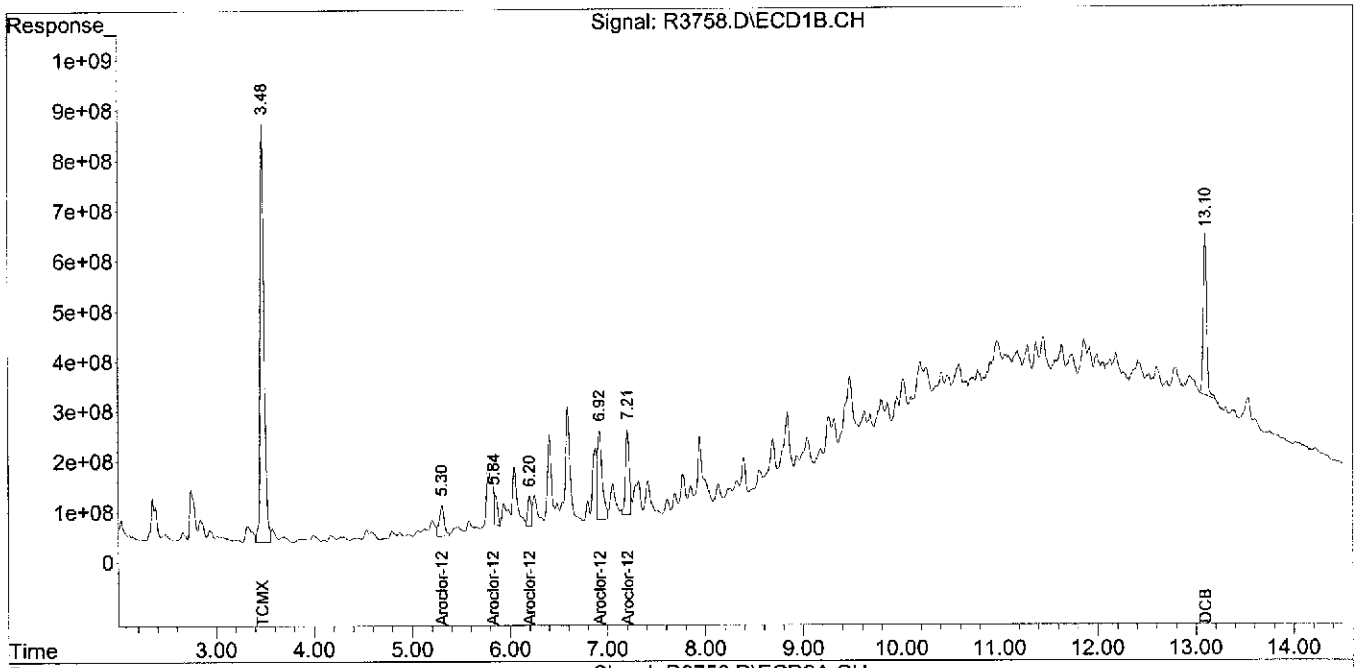
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

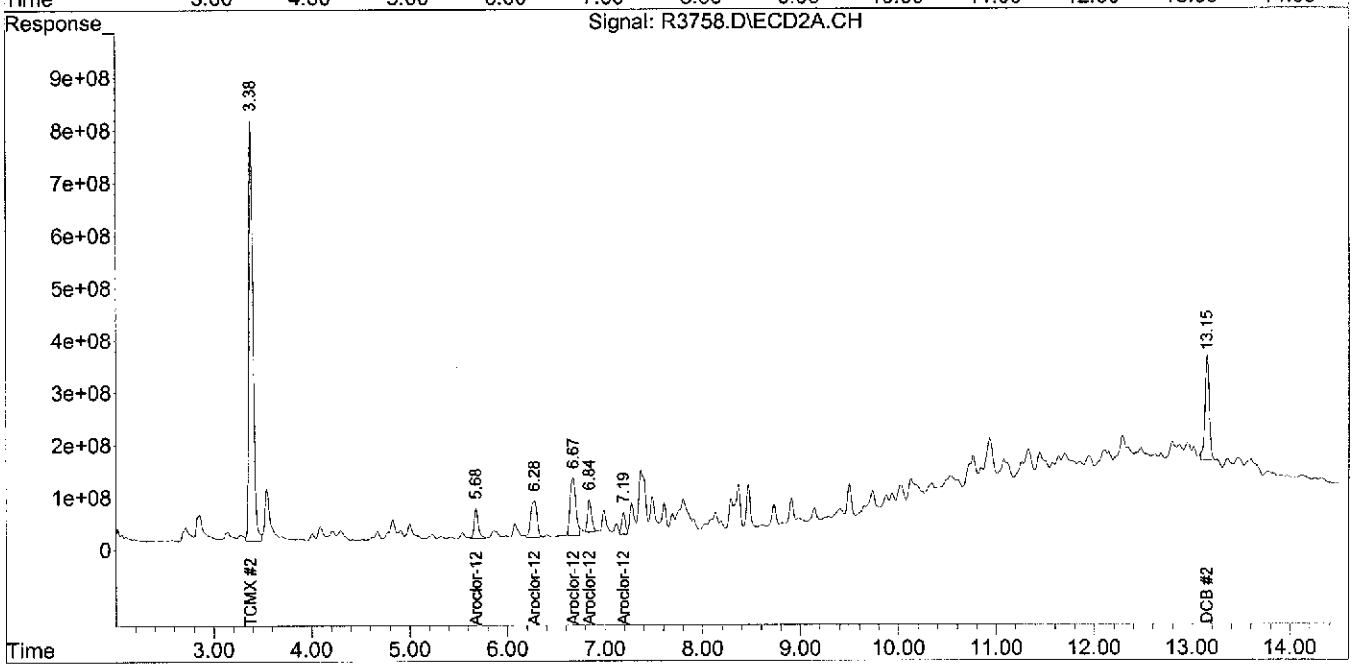
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3758.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:38
Operator : IB
Sample : M-33_(0-2.,09161-050,S,5.28g,9.60,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:17:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3759.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:55
Operator : IB
Sample : M-33_(2.0-,09161-051,S,5.81g,14.2,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:17:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	27802.4E6	27943.4E6	183.776	199.537
Spiked Amount 200.000			Recovery	=	91.89%	99.77%
2) S DCB	13.10	13.15	9777.3E6	7662.1E6	189.367m	262.761m#
Spiked Amount 200.000			Recovery	=	94.68%	131.38%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

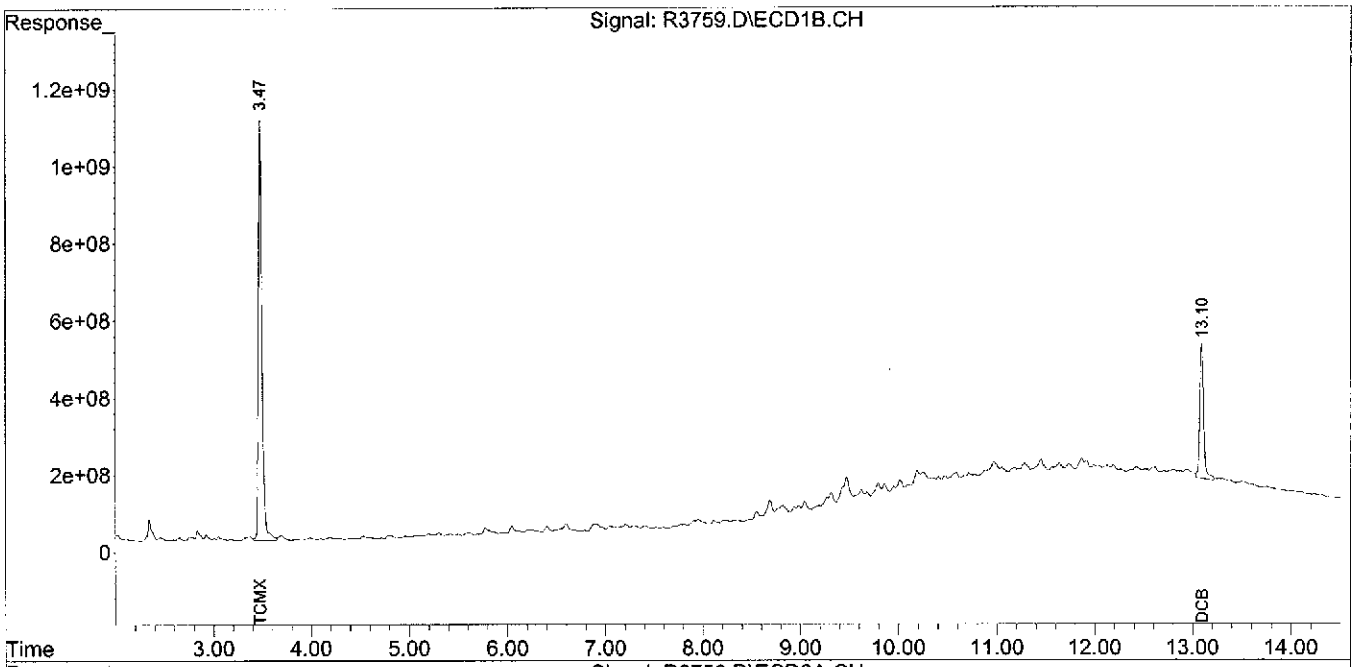
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

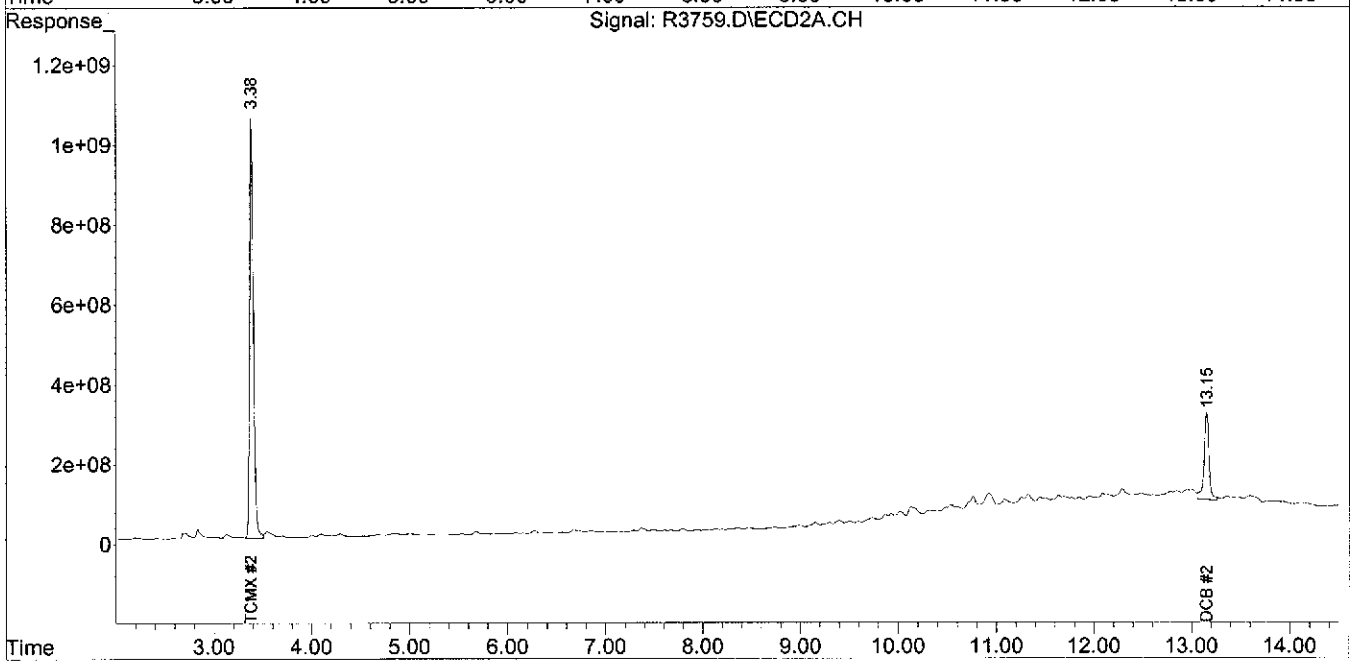
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3759.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 19:55
Operator : IB
Sample : M-33_(2.0-,09161-051,S,5.81g,14.2,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:17:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3760.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 20:12
Operator : IB
Sample : M-33_(4.0-,09161-052,S,5.43g,11.3,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:18:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	35262.3E6	31961.2E6	233.087	228.227
Spiked Amount 200.000			Recovery	=	116.54%	114.11%
2) S DCB	13.10	13.15	10187.3E6	6832.0E6	197.308m	234.294m
Spiked Amount 200.000			Recovery	=	98.65%	117.15%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
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

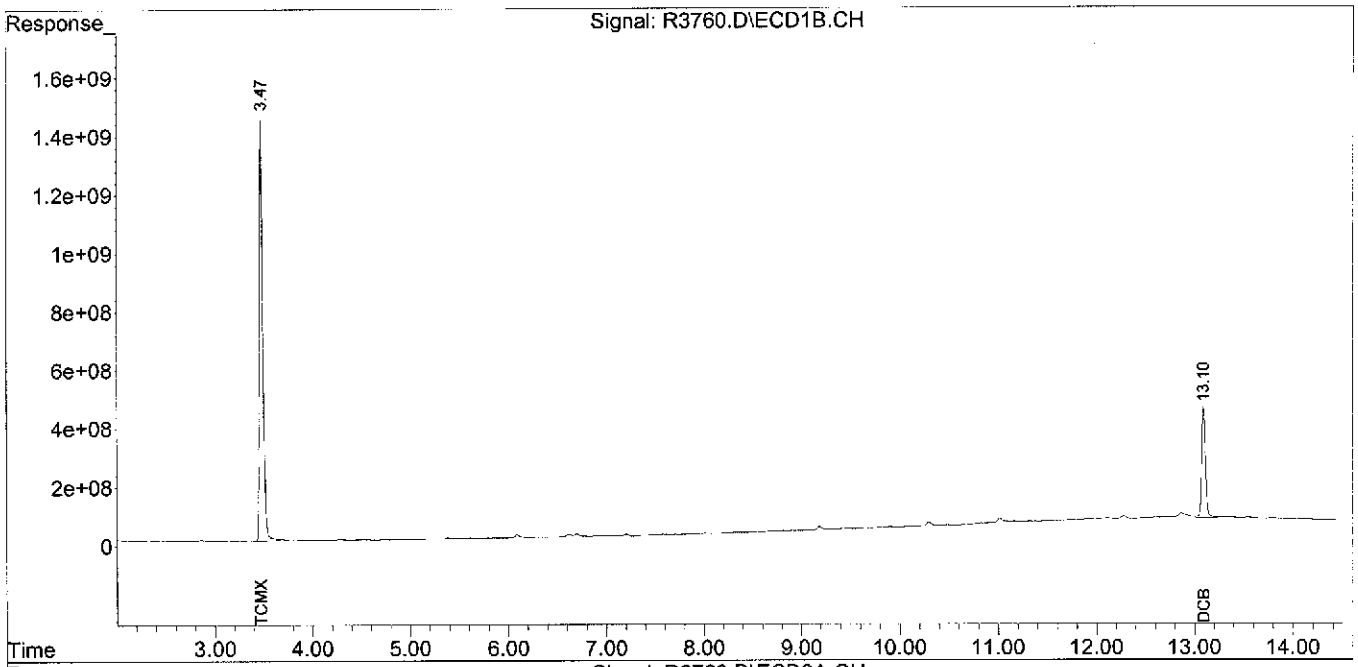
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

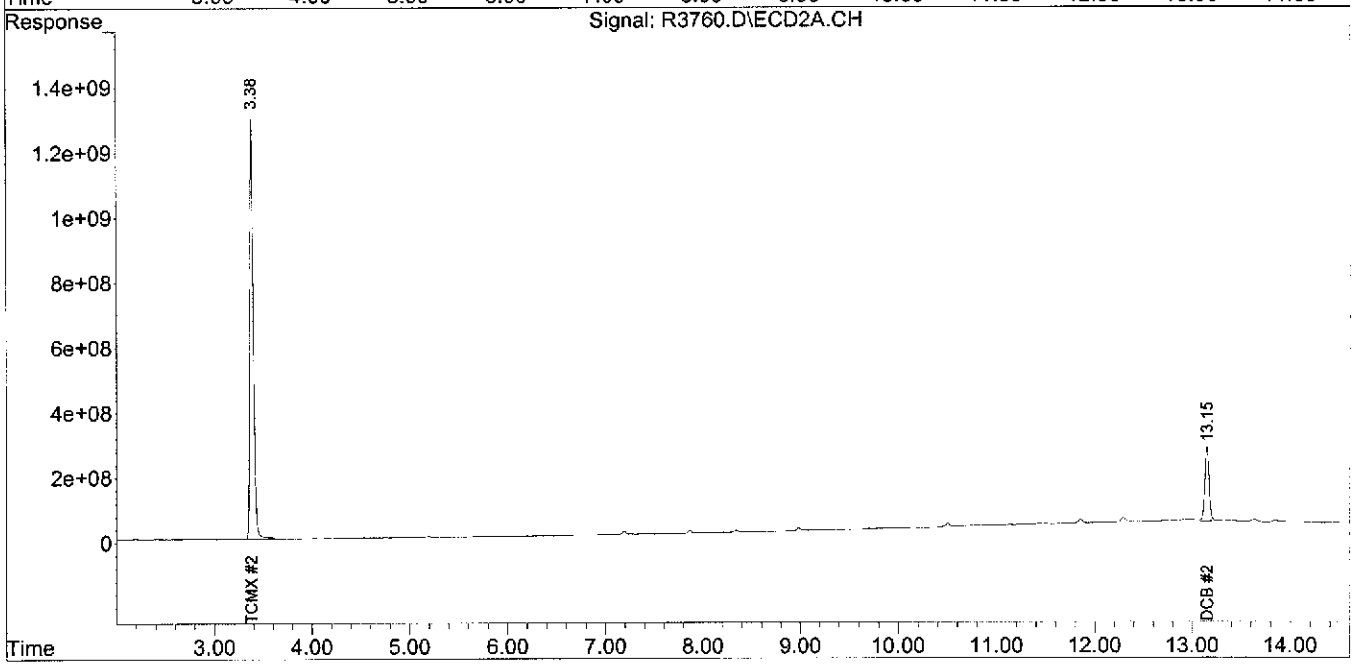
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3760.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 20:12
Operator : IB
Sample : M-33_(4.0-,09161-052,S,5.43g,11.3,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:18:23 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\09-14-12\
Data File : R3761.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 20:30
Operator : IB
Sample : M-33_(5.0-,09161-053,S,5.10g,74.0,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:18:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	47698.2E6	45236.6E6	315.289	323.023
Spiked Amount 200.000			Recovery	=	157.64%	161.51%
2) S DCB	13.10	13.15	13886.1E6	9166.5E6	268.945m	314.354m
Spiked Amount 200.000			Recovery	=	134.47%	157.18%
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

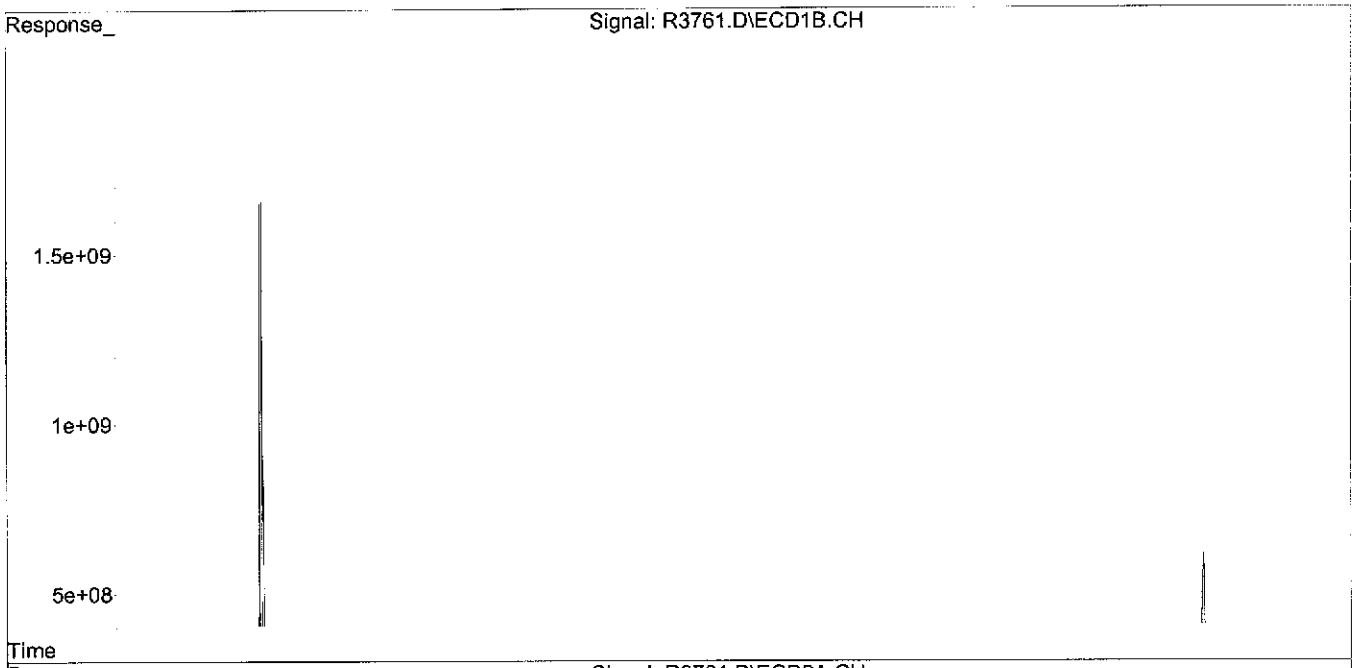
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

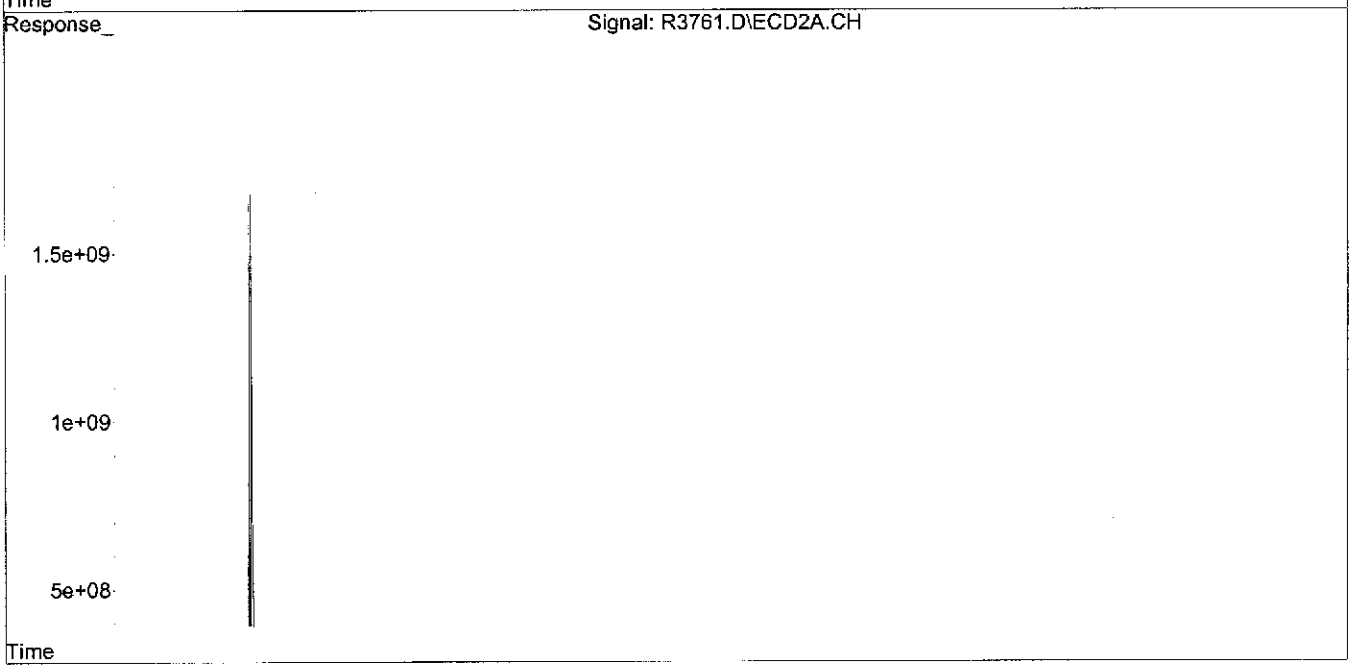
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3761.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 20:30
Operator : IB
Sample : M-33_(5.0-,09161-053,S,5.10g,74.0,09/14/12,4
Misc : 120914-01,09/10/12,09/10/12,1
ALS Vial : 22 Sample Multiplier: 1

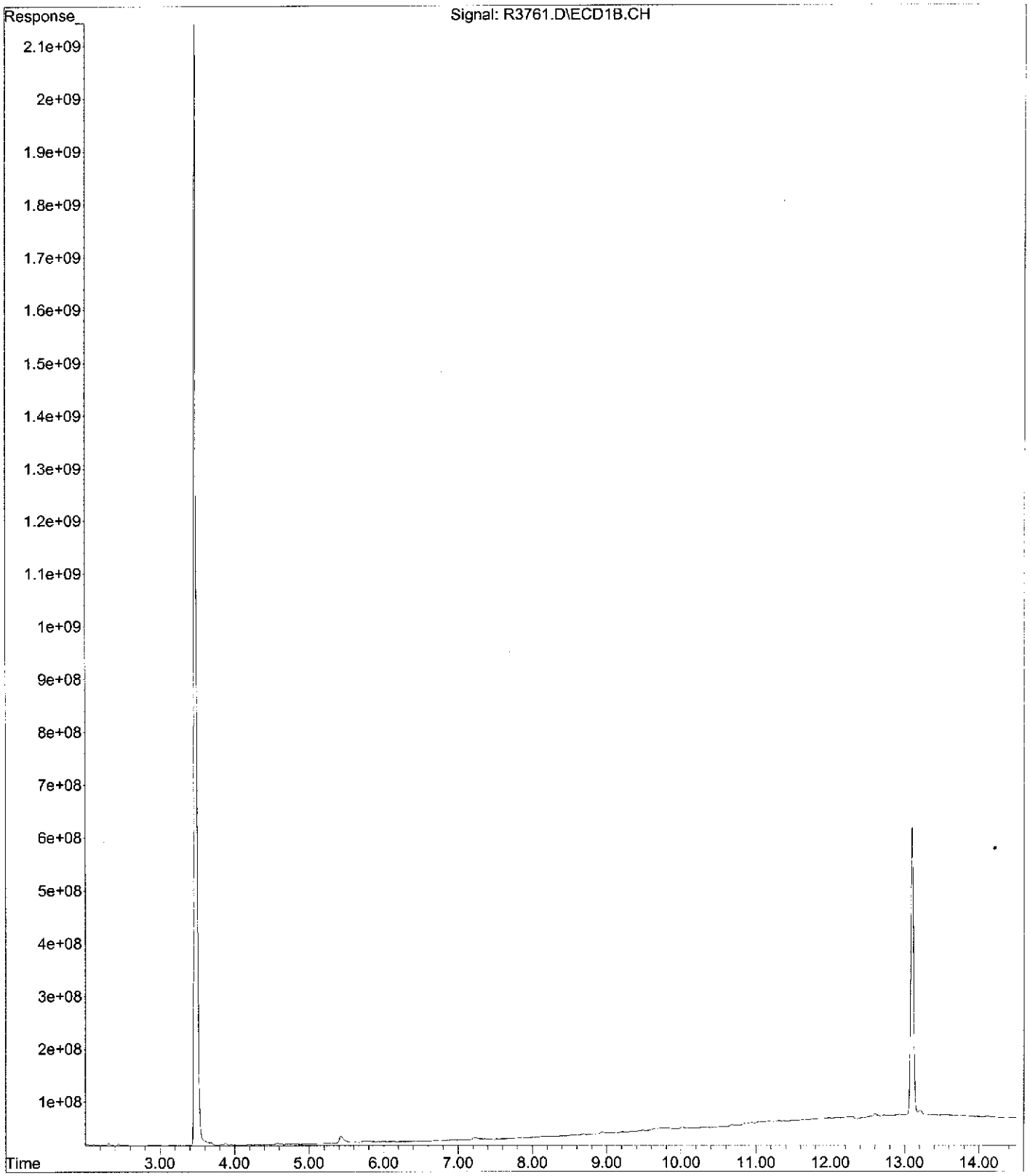
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:18:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

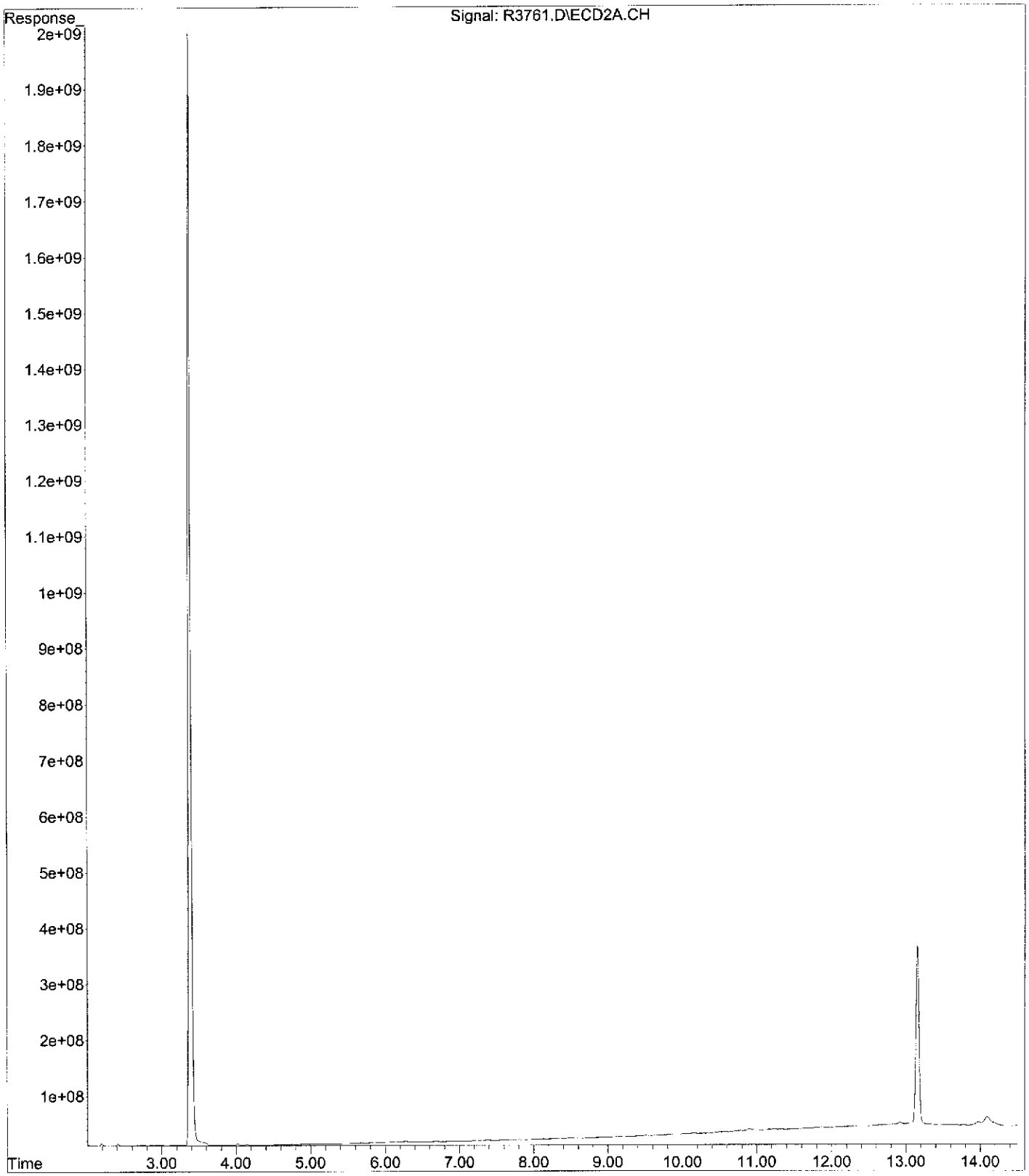




File :C:\MSDCHEM\1\DATA\09-14-12\R3761.D
Operator : IB
Acquired : 14 Sep 2012 20:30 using AcqMethod RPCB0830.M
Instrument : GC_R
Sample Name: M-33_(5.0-,09161-053,S,5.10g,74.0,09/14/12,4
Misc Info : 120914-01,09/10/12,09/10/12,1
Vial Number: 22



File :C:\MSDCHEM\1\DATA\09-14-12\R3761.D
Operator : IB
Acquired : 14 Sep 2012 20:30 using AcqMethod RPCB0830.M
Instrument : GC_R
Sample Name: M-33_(5.0-,09161-053,S,5.10g,74.0,09/14/12,4
Misc Info : 120914-01,09/10/12,09/10/12,1
Vial Number: 22



Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1778.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 13:52
Operator : IB
Sample : M-33_(6.0-,09161-054,S,5.53g,27.6,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:20:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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	22708.9E6	5685.0E6	233.032	213.298
Spiked Amount 200.000			Recovery	=	116.52%	106.65%
2) S DCB	12.11	12.50	3545.5E6	1245.8E6	174.365m	143.863
Spiked Amount 200.000			Recovery	=	87.18%	71.93%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

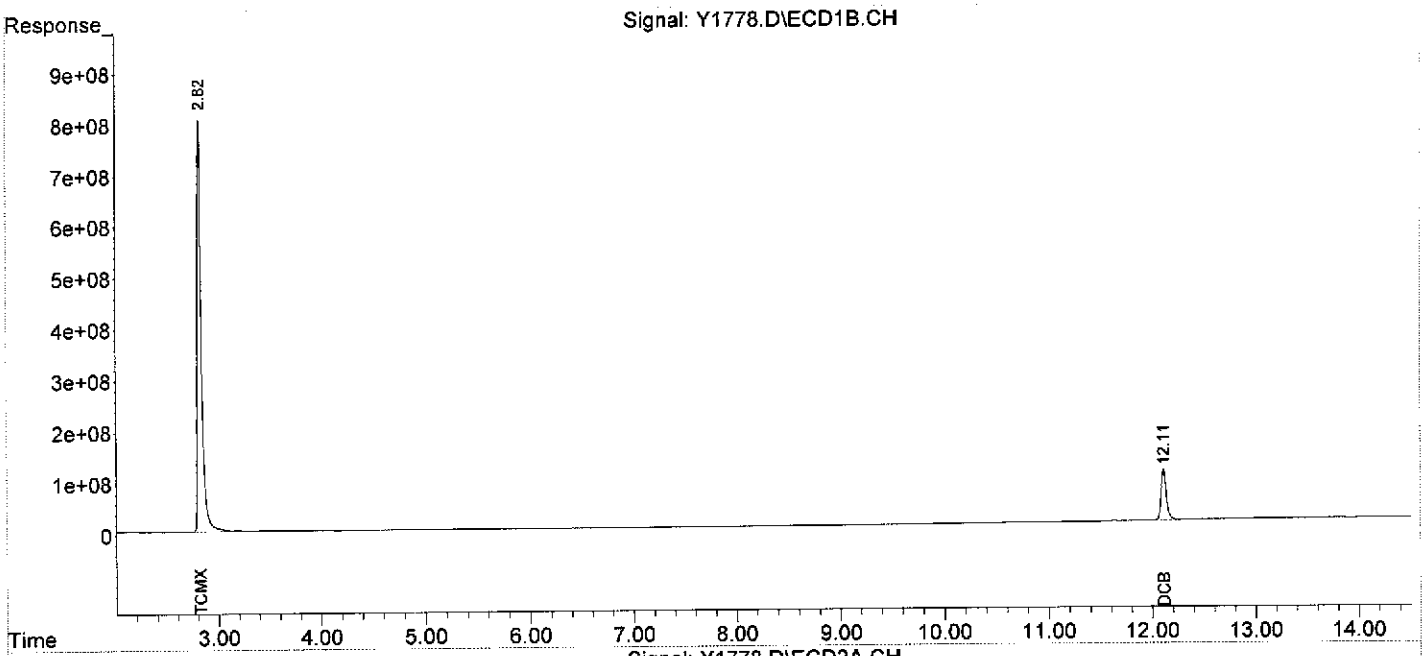
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

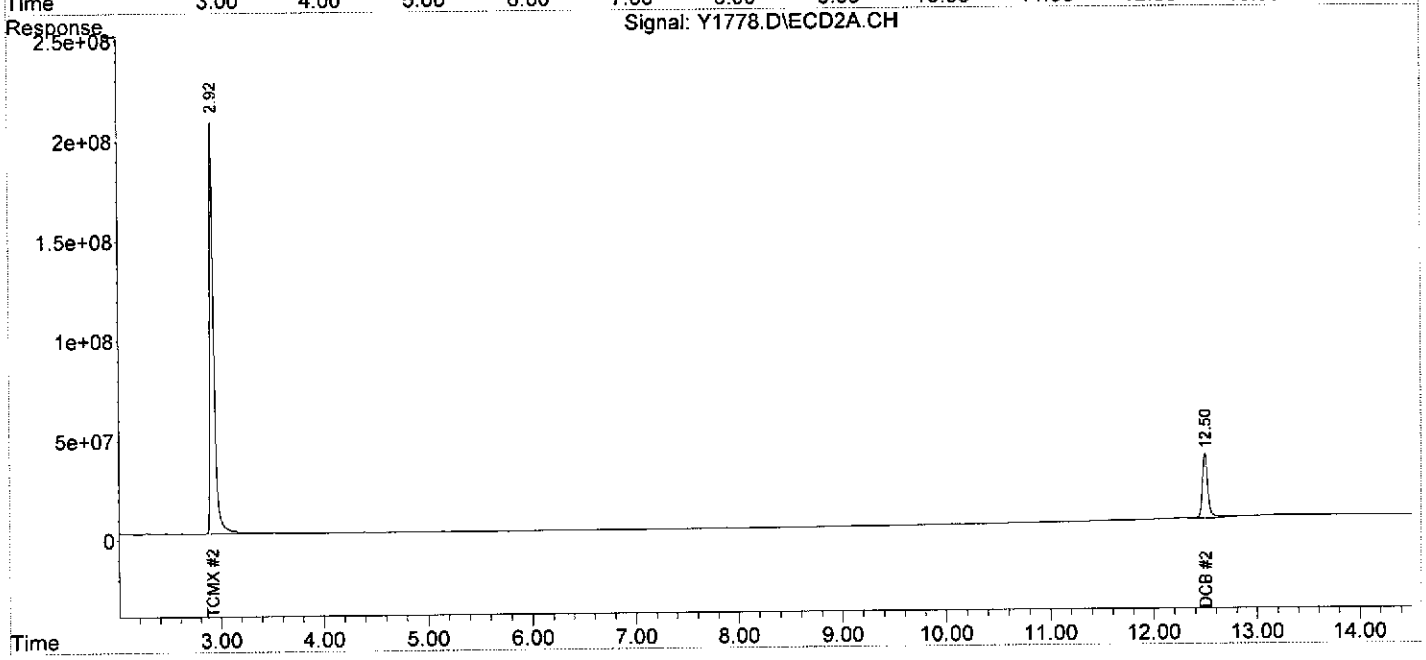
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1778.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 13:52
Operator : IB
Sample : M-33_(6.0-,09161-054,S,5.53g,27.6,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:20:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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\09-18-12\
Data File : Y1829.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 12:18
Operator : YG
Sample : M-42_(4.0-,09161-055,S,5.44g,15.8,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:50:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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	2202.0E6	615.6E6	22.596	23.096
Spiked Amount 200.000			Recovery	=	11.30%	11.55%
2) S DCB	12.11	12.49	387.7E6	128.7E6	19.065m	14.864m
Spiked Amount 200.000			Recovery	=	9.53%	7.43%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	7805.7E6	1921.5E6	2131.714	1848.944
24) L6 Aroclor-1248 {2}	5.05	5.71	2921.4E6	2675.5E6	1456.998	1745.211
25) L6 Aroclor-1248 {3}	5.37	6.12	1399.4E6	902.1E6	560.803	831.137 #
26) L6 Aroclor-1248 {4}	6.07	6.26	719.7E6	692.0E6	159.065	703.096 #
27) L6 Aroclor-1248 {5}	6.35	6.62	606.2E6	89047116	193.236	166.144
Sum Aroclor-1248			13452.4E6	6280.2E6	4501.816	5294.531
Average Aroclor-1248					900.363	1058.906
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

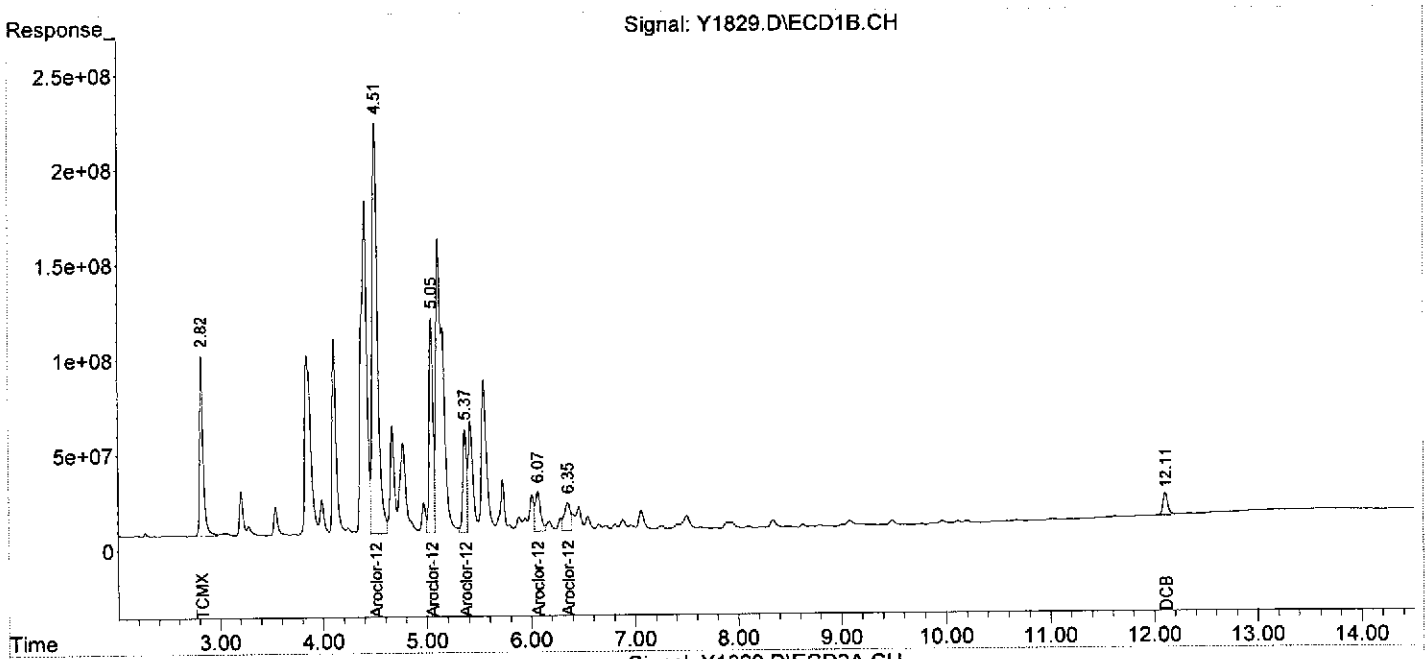
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

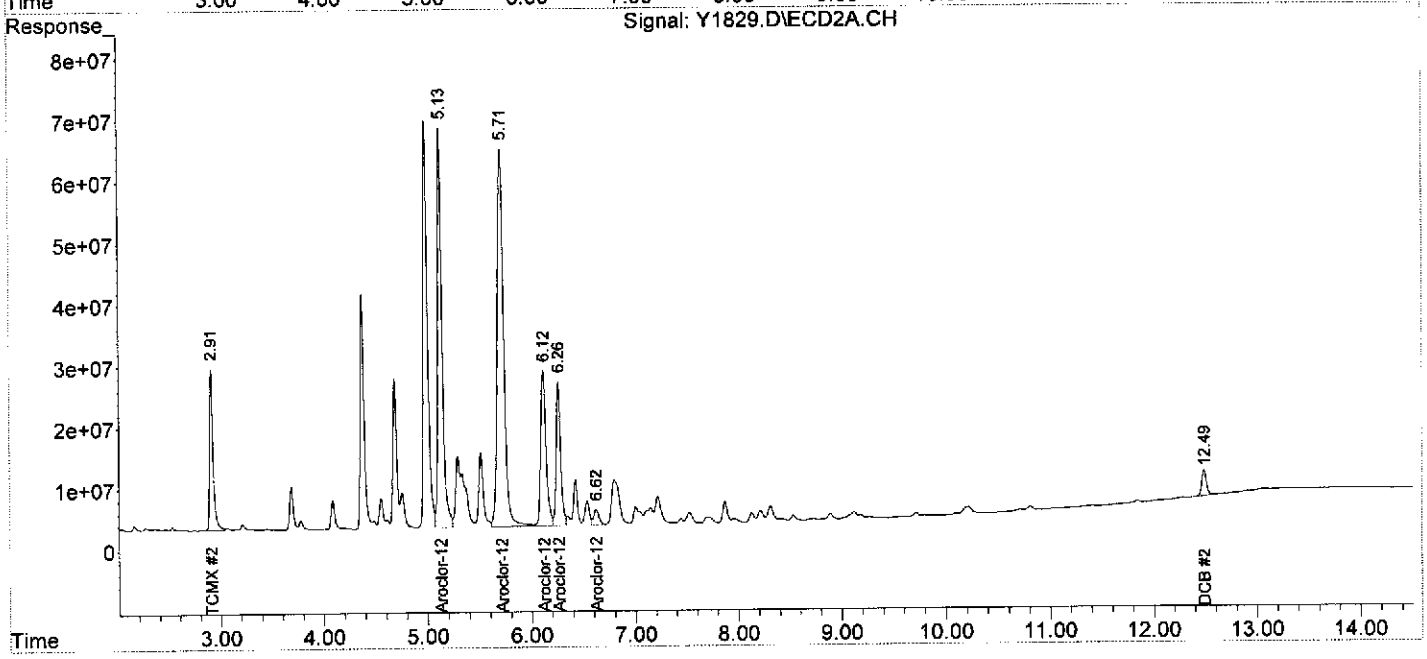
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1829.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 12:18
Operator : YG
Sample : M-42_(4.0-,09161-055,S,5.44g,15.8,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,10
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:50:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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\09-17-12\
Data File : Y1780.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 14:27
Operator : IB
Sample : M-42_(5.0-,09161-056,S,5.19g,69.0,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:22:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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	19600.3E6	6304.5E6	201.132	236.540
Spiked Amount 200.000			Recovery	=	100.57%	118.27%
2) S DCB	12.11	12.48	4275.6E6	1761.7E6	210.273	203.434m
Spiked Amount 200.000			Recovery	=	105.14%	101.72%
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	4.51	5.13	5307.8E6	1448.3E6	1449.547	1393.625
24) L6 Aroclor-1248 {2}	5.05	5.71	1976.0E6	1982.8E6	985.508	1293.362 #
25) L6 Aroclor-1248 {3}	0.00	6.11	0	1131.9E6	N.D. d	1042.879 #
26) L6 Aroclor-1248 {4}	6.07	6.26	1532.3E6	760.8E6	338.667	772.926 #
27) L6 Aroclor-1248 {5}	0.00	6.61	0	461.8E6	N.D. d	861.702 #
Sum Aroclor-1248			8816.1E6	5785.6E6	2773.722	5364.494
Average Aroclor-1248					924.574	1072.899
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

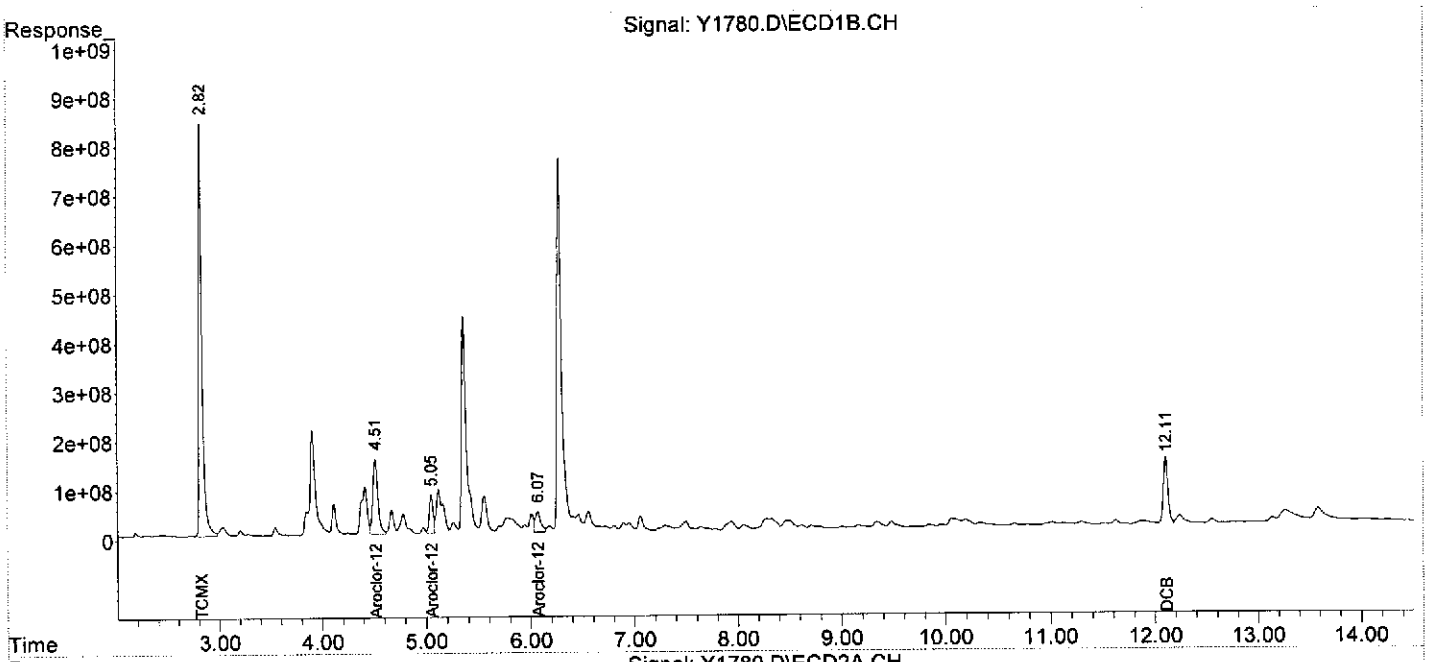
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

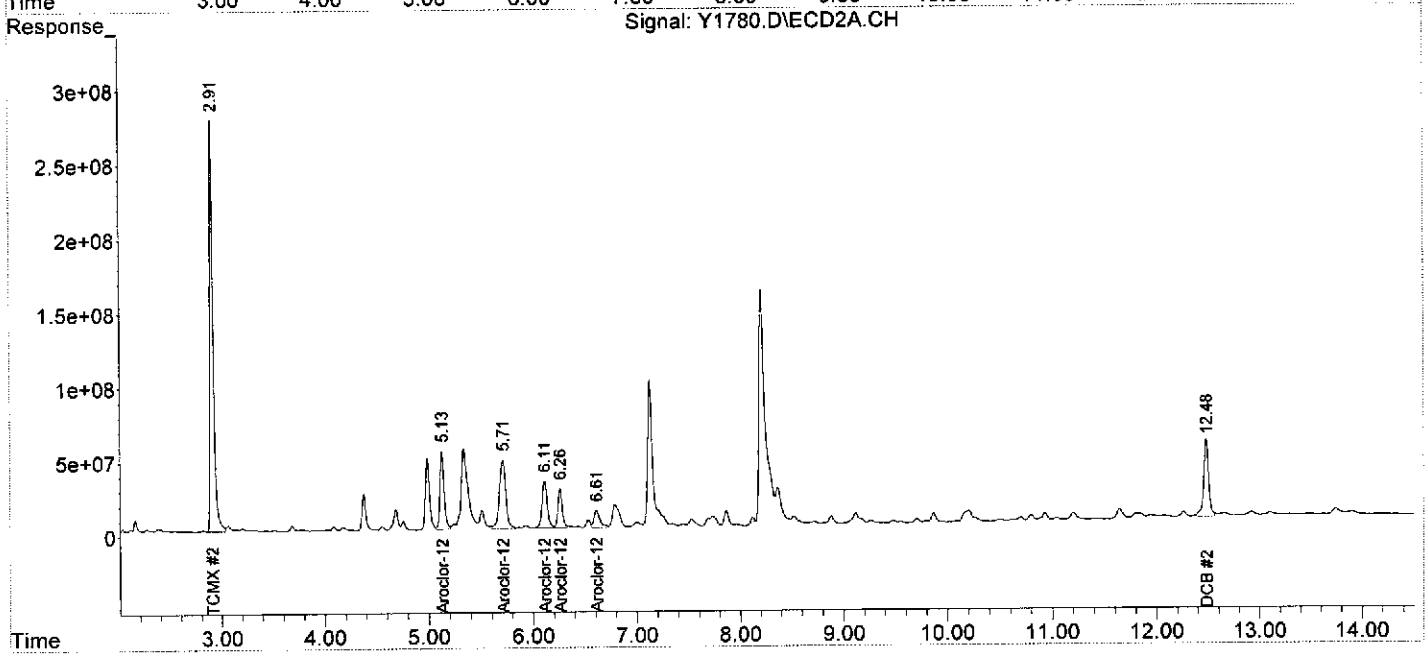
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1780.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 14:27
Operator : IB
Sample : M-42_(5.0-,09161-056,S,5.19g,69.0,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:22:55 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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\09-17-12\
Data File : Y1781.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 14:44
Operator : IB
Sample : M-42_(6.0-,09161-057,S,5.47g,21.9,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:25:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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	21042.1E6	5581.8E6	215.927	209.427
Spiked Amount 200.000			Recovery	=	107.96%	104.71%
2) S DCB	12.11	12.48	3526.9E6	1475.7E6	173.448m	170.412m
Spiked Amount 200.000			Recovery	=	86.72%	85.21%
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

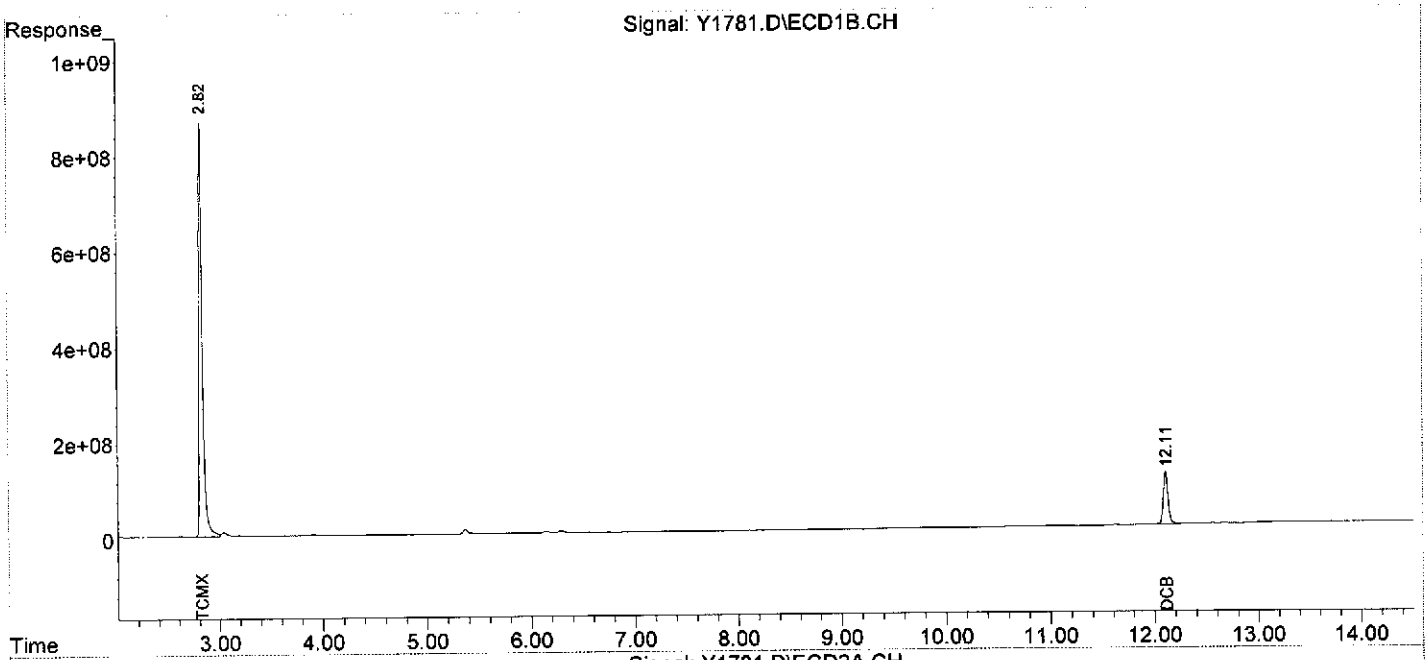
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

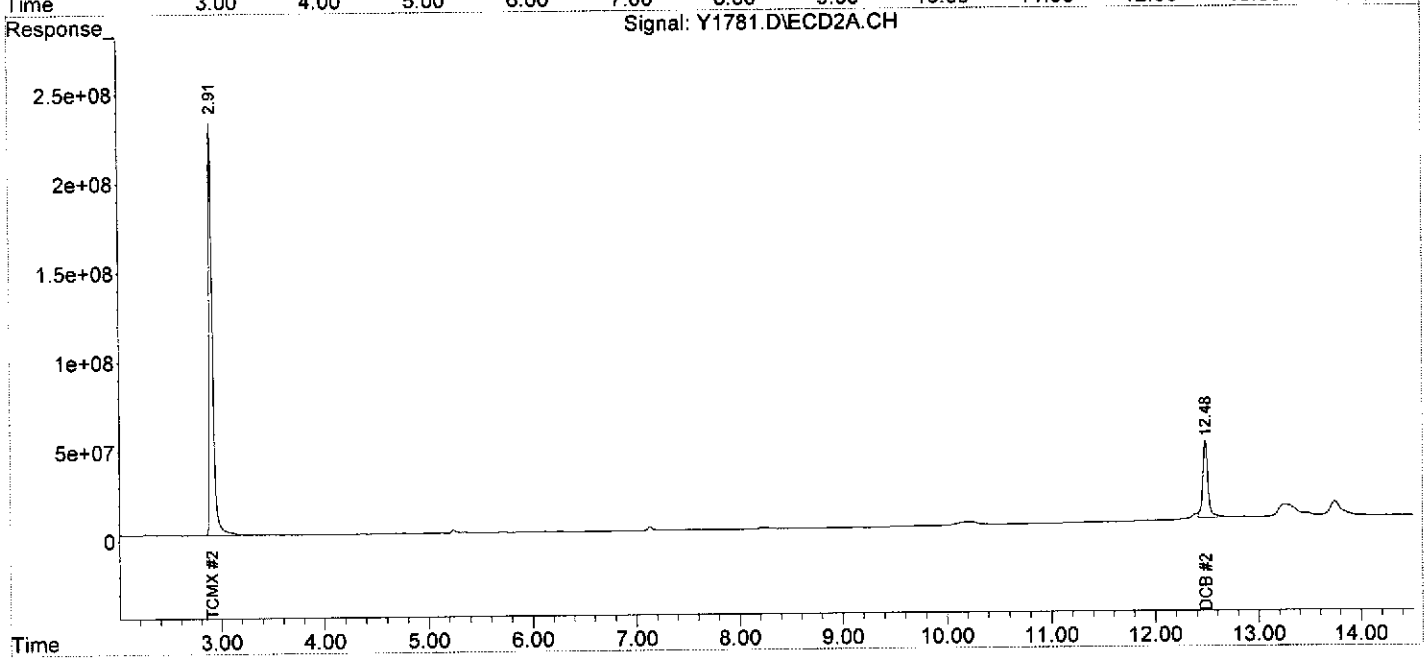
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\09-17-12\
Data File : Y1781.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 14:44
Operator : IB
Sample : M-42_(6.0-,09161-057,S,5.47g,21.9,09/14/12,4
Misc : 120914-02,09/10/12,09/10/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:25:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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\09-14-12\
Data File : R3778.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 Sep 2012 1:43
Operator : IB
Sample : FB-39,09161-058,A,1000ml,100,09/13/12,1
Misc : 120913-09,09/10/12,09/10/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:29:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	29533.0E6	25903.3E6	195.216	184.969
Spiked Amount 200.000			Recovery	=	97.61%	92.48%
2) S DCB	13.10	13.15	10125.6E6	6124.8E6	196.113	210.041
Spiked Amount 200.000			Recovery	=	98.06%	105.02%
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

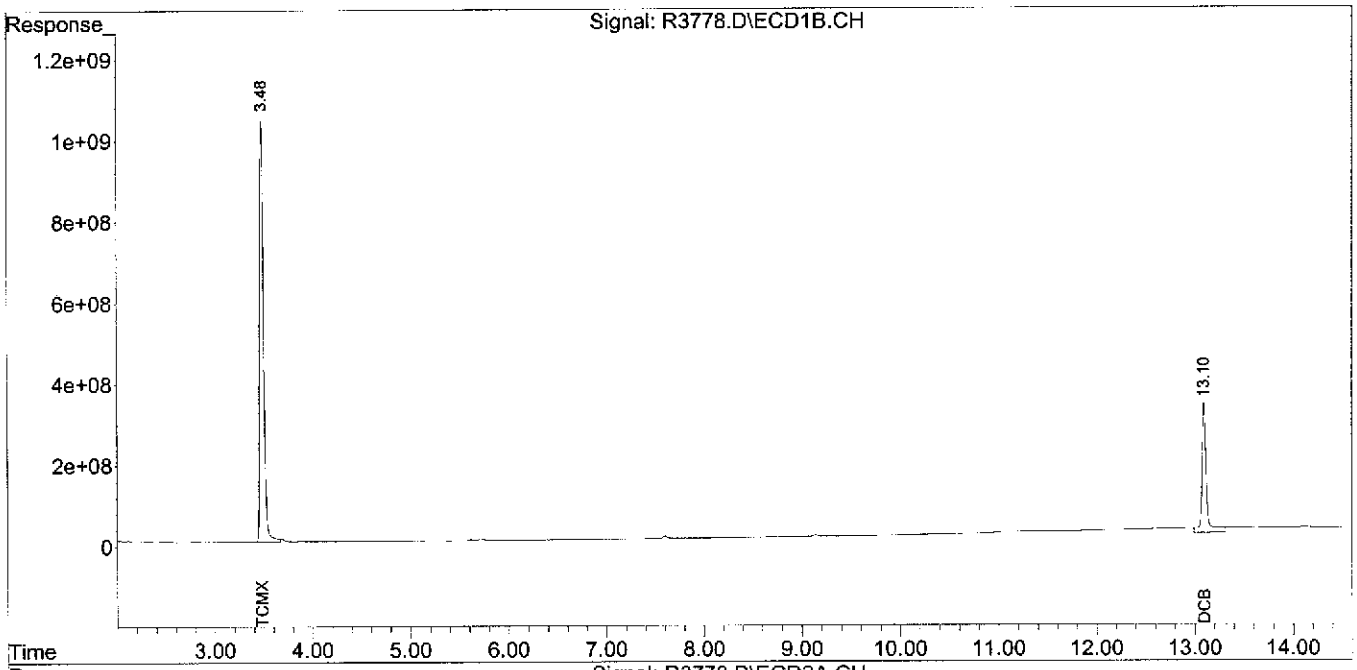
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

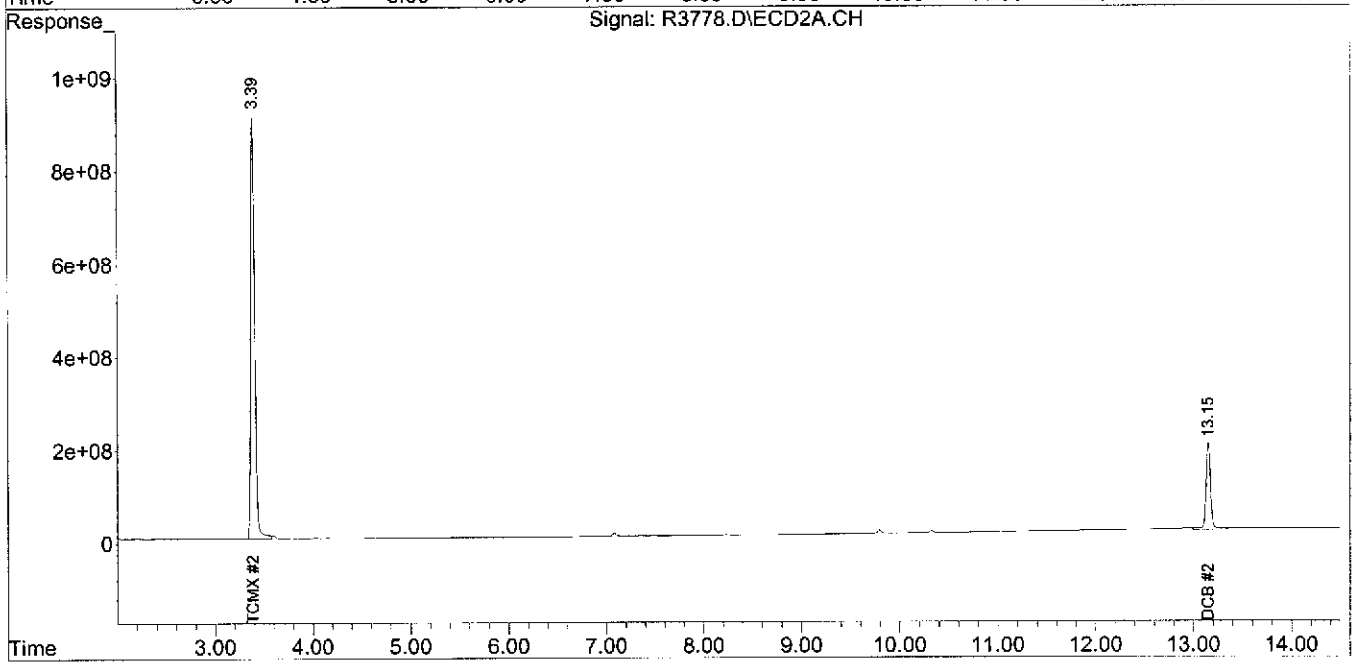
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3778.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 Sep 2012 1:43
Operator : IB
Sample : FB-39,09161-058,A,1000ml,100,09/13/12,1
Misc : 120913-09,09/10/12,09/10/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:29:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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: BLKS120913-04
Client ID: PCB
Date Received: NA
Date Extracted: 09/13/2012
Date Analyzed: 09/13/2012
Data file: Y1685.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\09-13-12\
Data File : Y1685.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 18:39
Operator : YG
Sample : PCB,BLKS120913-04,S,5.00g,0,09/13/12,4
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: Sep 14 11:13:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	22429.1E6	6821.2E6	230.160	255.928
Spiked Amount 200.000			Recovery	=	115.08%	127.96%
2) S DCB	12.11	12.49	4033.0E6	1785.7E6	198.341	206.205
Spiked Amount 200.000			Recovery	=	99.17%	103.10%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

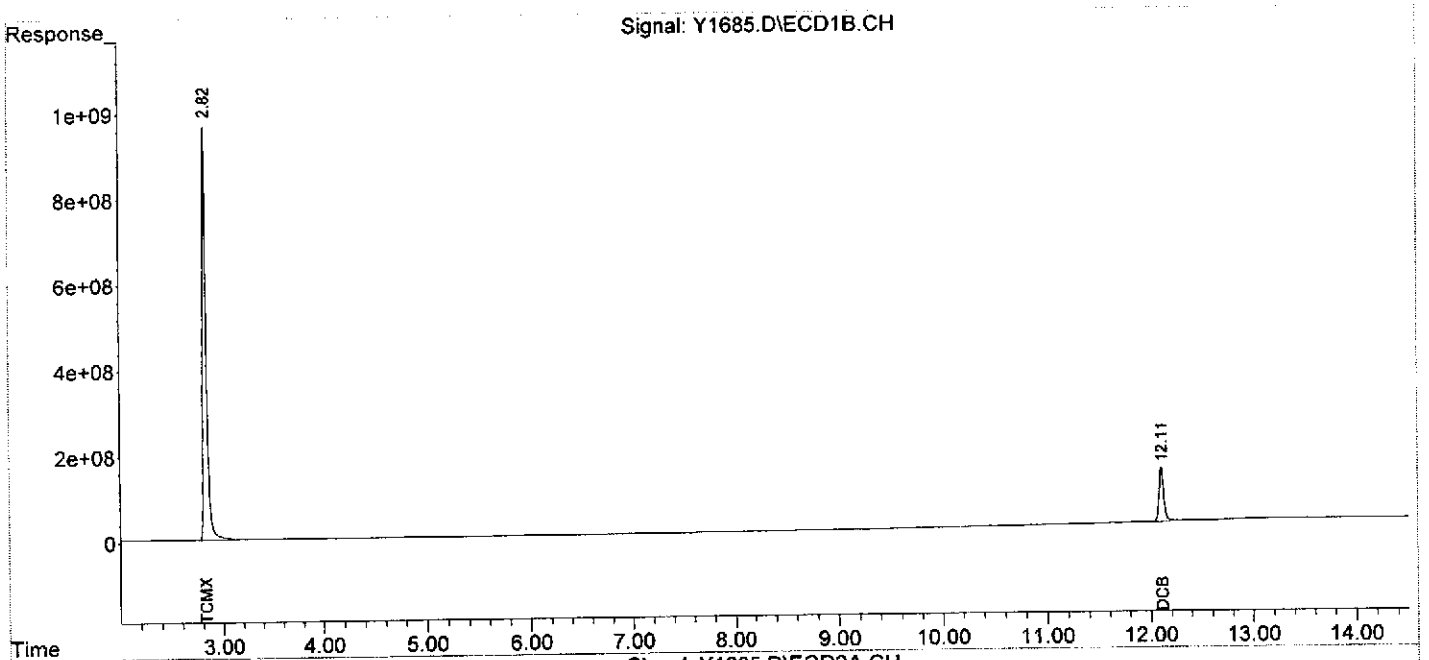
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

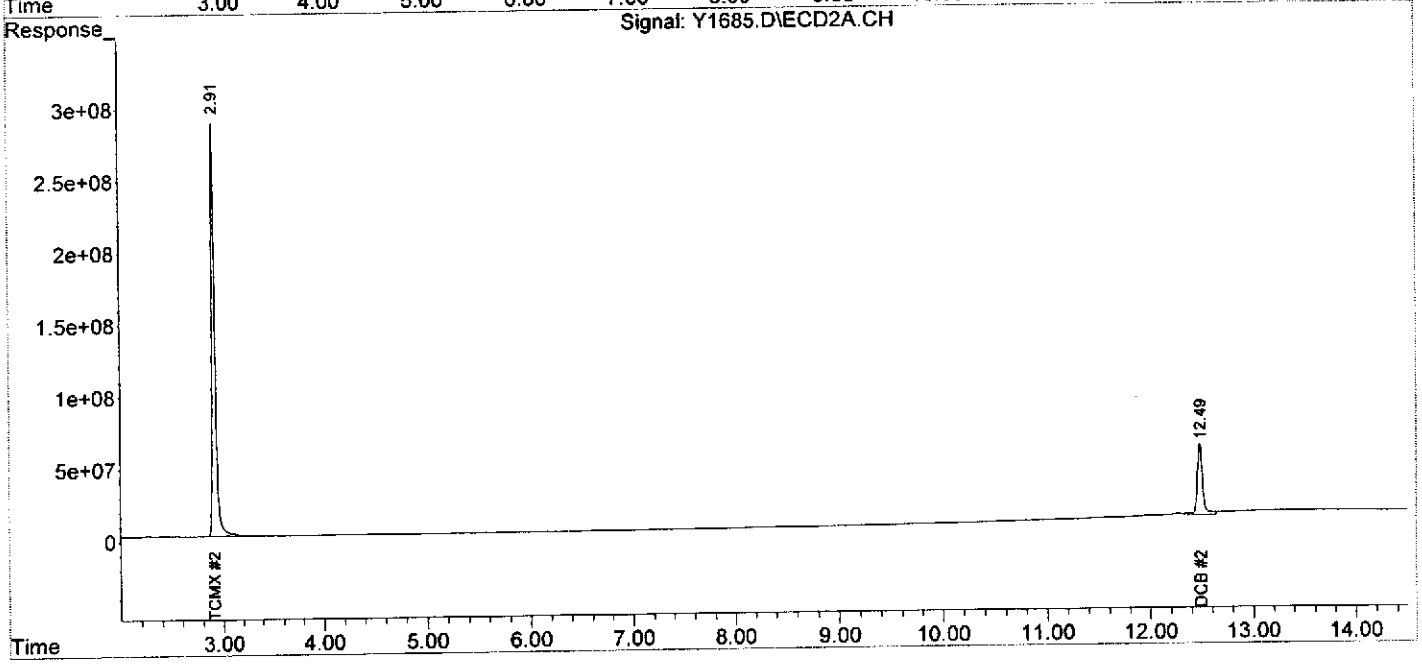
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1685.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 13 Sep 2012 18:39
Operator : YG
Sample : PCB,BLKS120913-04,S,5.00g,0,09/13/12,4
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: Sep 14 11:13:20 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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: BLKS120912-06
Client ID: PCB
Date Received: NA
Date Extracted: 09/12/2012
Date Analyzed: 09/14/2012
Data file: Y1711.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\09-13-12\
Data File : Y1711.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 2:40
Operator : YG
Sample : PCB,BLKS120912-06,S,5.00g,0,09/12/12,4
Misc : NA,NA,NA,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:31:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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	22886.6E6	6952.8E6	234.855	260.866
Spiked Amount 200.000			Recovery	=	117.43%	130.43%
2) S DCB	12.11	12.48	5021.2E6	2207.6E6	246.938	254.927
Spiked Amount 200.000			Recovery	=	123.47%	127.46%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

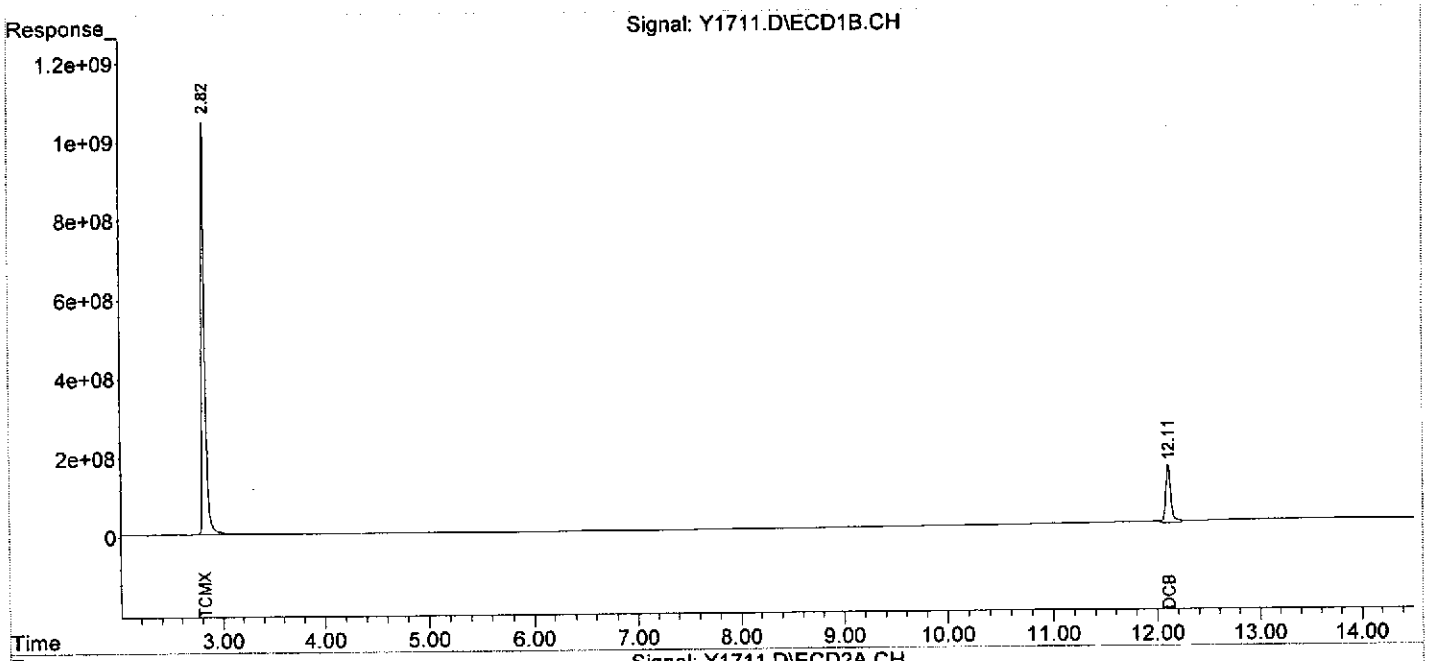
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

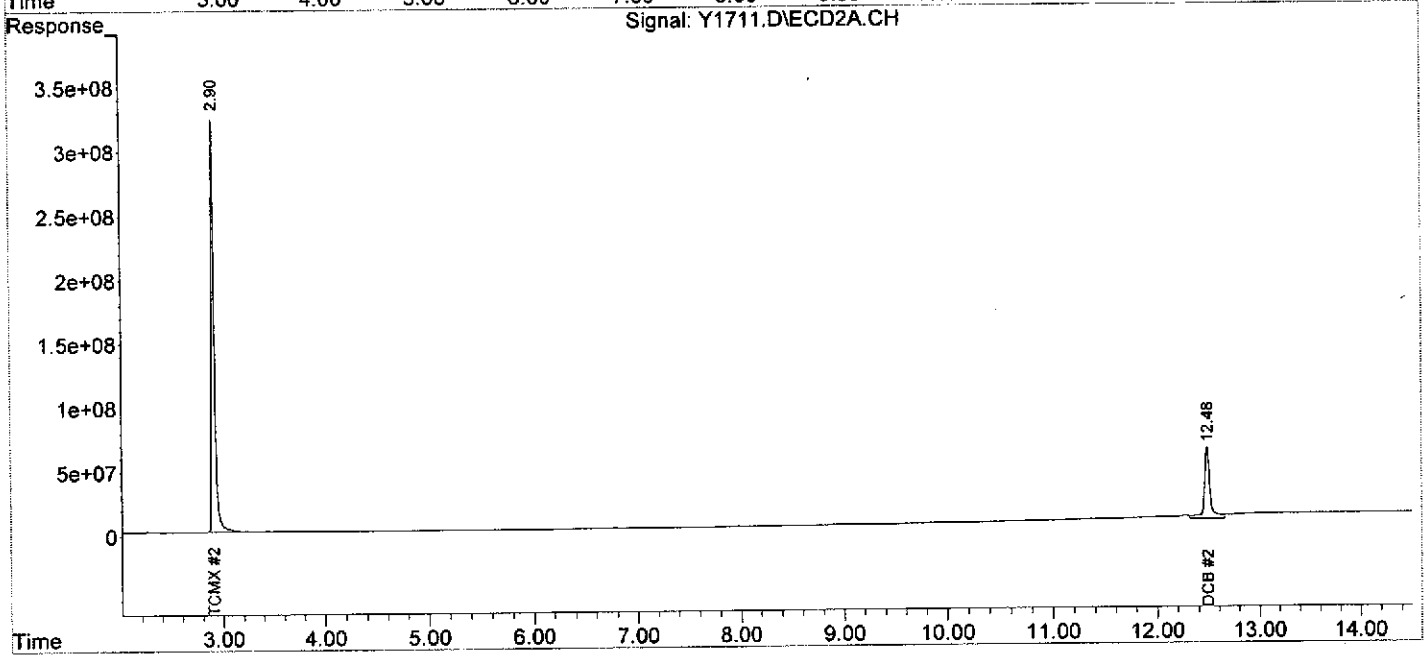
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-13-12\
Data File : Y1711.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 2:40
Operator : YG
Sample : PCB,BLKS120912-06,S,5.00g,0,09/12/12,4
Misc : NA,NA,NA,1
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 14 11:31:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial 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: BLKA120913-09
Client ID: PCB
Date Received: NA
Date Extracted: 09/13/2012
Date Analyzed: 09/14/2012
Data file: R3767.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\09-14-12\
Data File : R3767.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 22:32
Operator : IB
Sample : PCB,BLKA120913-09,A,1000ml,100,09/13/12,1
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 11:11:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	3.38	33439.2E6	26767.0E6	221.036	191.137
Spiked Amount 200.000			Recovery	=	110.52%	95.57%
2) S DCB	13.10	13.15	11396.2E6	6433.8E6	220.722	220.637
Spiked Amount 200.000			Recovery	=	110.36%	110.32%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
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

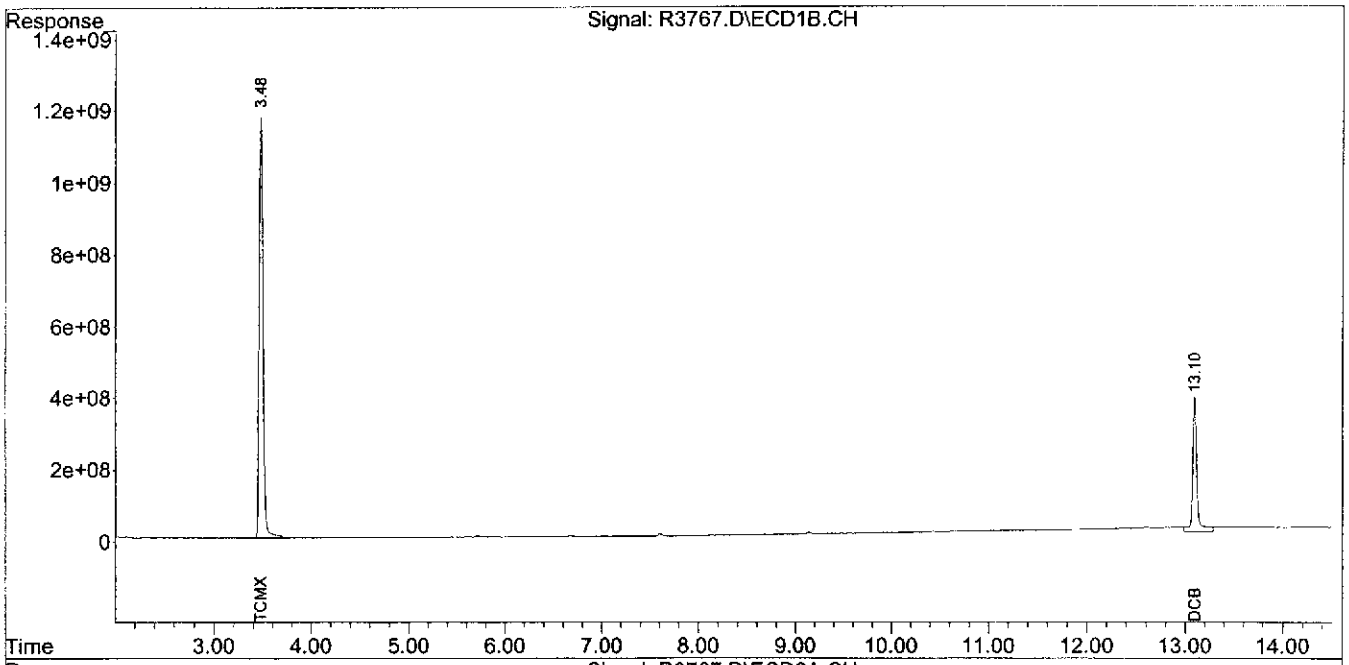
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

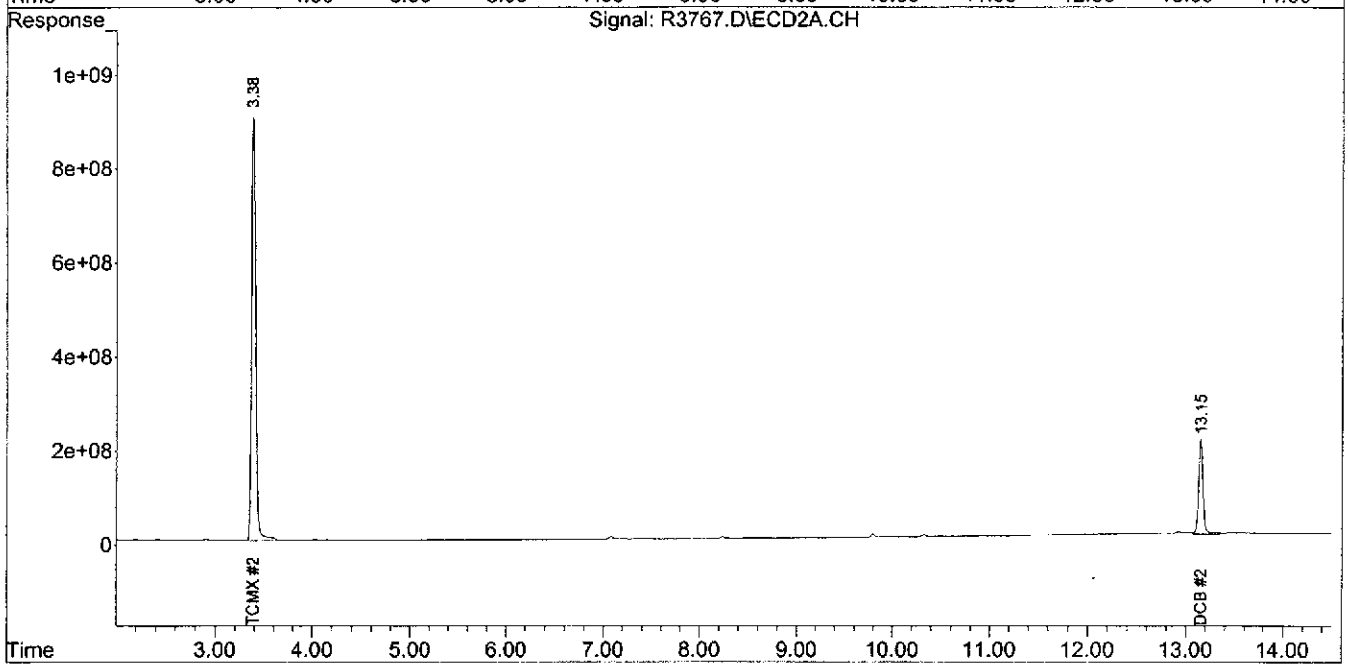
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3767.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 22:32
Operator : IB
Sample : PCB,BLKA120913-09,A,1000ml,100,09/13/12,1
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 11:11:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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: BLKS120914-02
Client ID: PCB
Date Received: NA
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1777.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\09-17-12\
Data File : Y1777.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 12:55
Operator : IB
Sample : PCB,BLKS120914-02,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:19:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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	22776.3E6	5693.7E6	233.722	213.626
Spiked Amount 200.000			Recovery	=	116.86%	106.81%
2) S DCB	12.11	12.49	3823.0E6	1199.4E6	188.010m	138.505m#
Spiked Amount 200.000			Recovery	=	94.00%	69.25%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

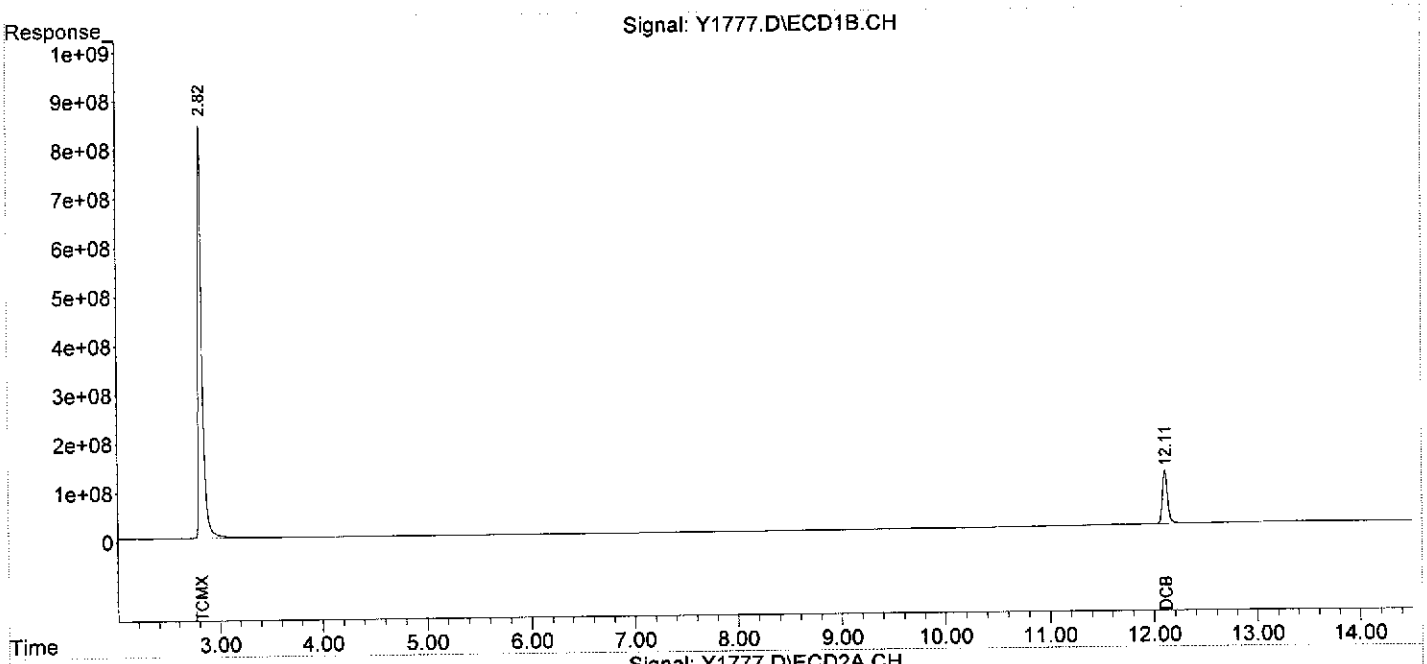
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

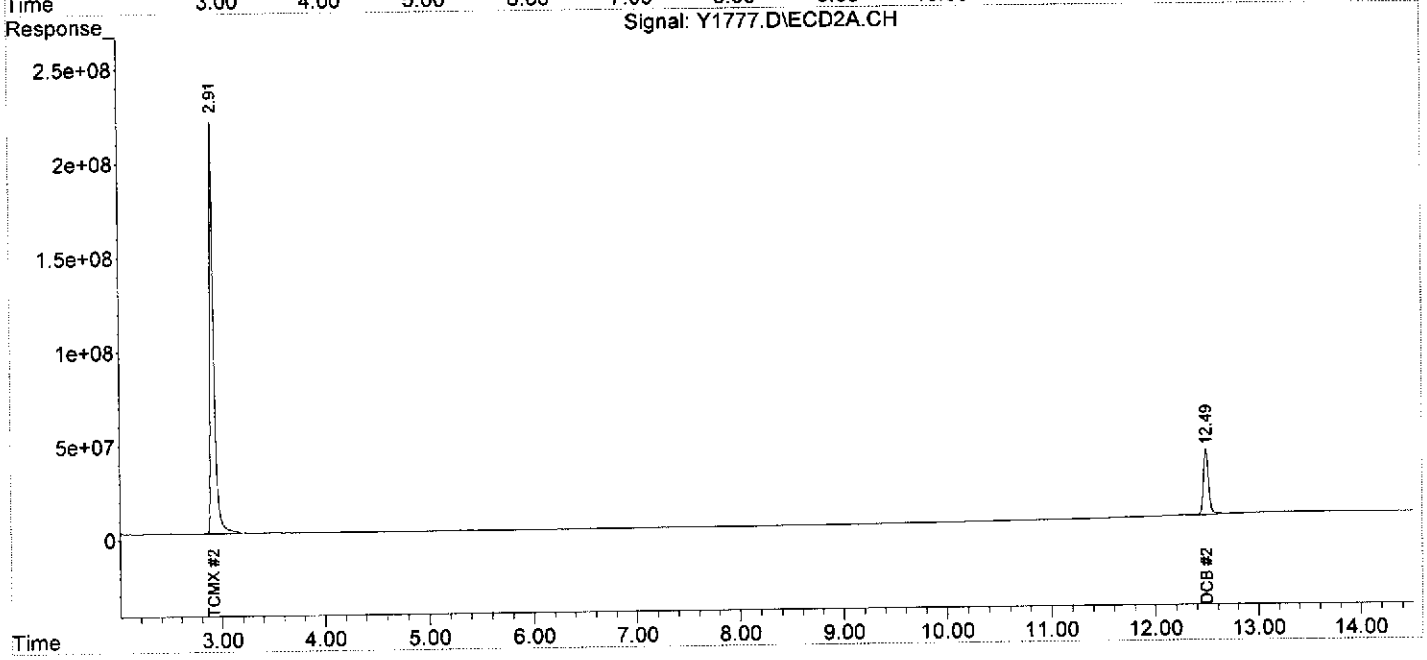
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1777.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 12:55
Operator : IB
Sample : PCB,BLKS120914-02,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:19:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial 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: BLKS120914-01
Client ID: PCB
Date Received: NA
Date Extracted: 09/14/2012
Date Analyzed: 09/14/2012
Data file: R3741.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\09-14-12\
Data File : R3741.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 14:40
Operator : IB
Sample : PCB,BLKS120914-01,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:56:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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	40312.1E6	31893.1E6	266.467	227.740
Spiked Amount 200.000			Recovery	=	133.23%	113.87%
2) S DCB	13.10	13.15	13076.5E6	7652.2E6	253.266	262.422
Spiked Amount 200.000			Recovery	=	126.63%	131.21%
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

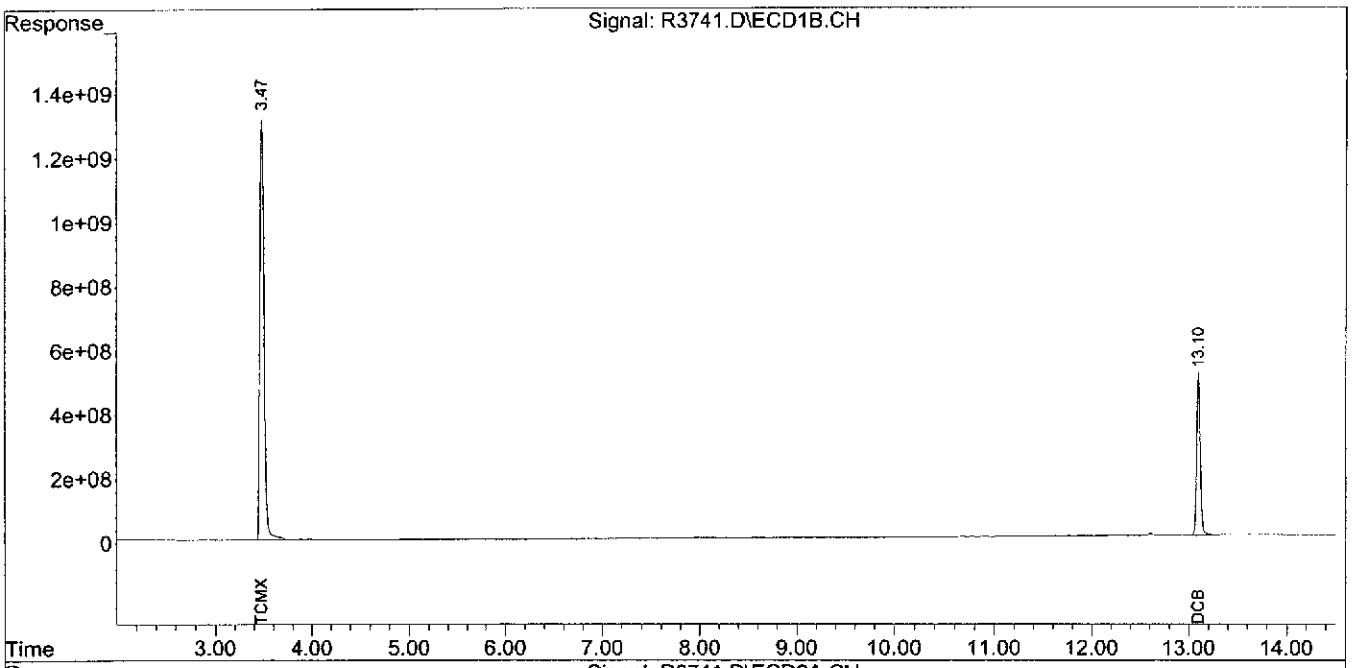
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

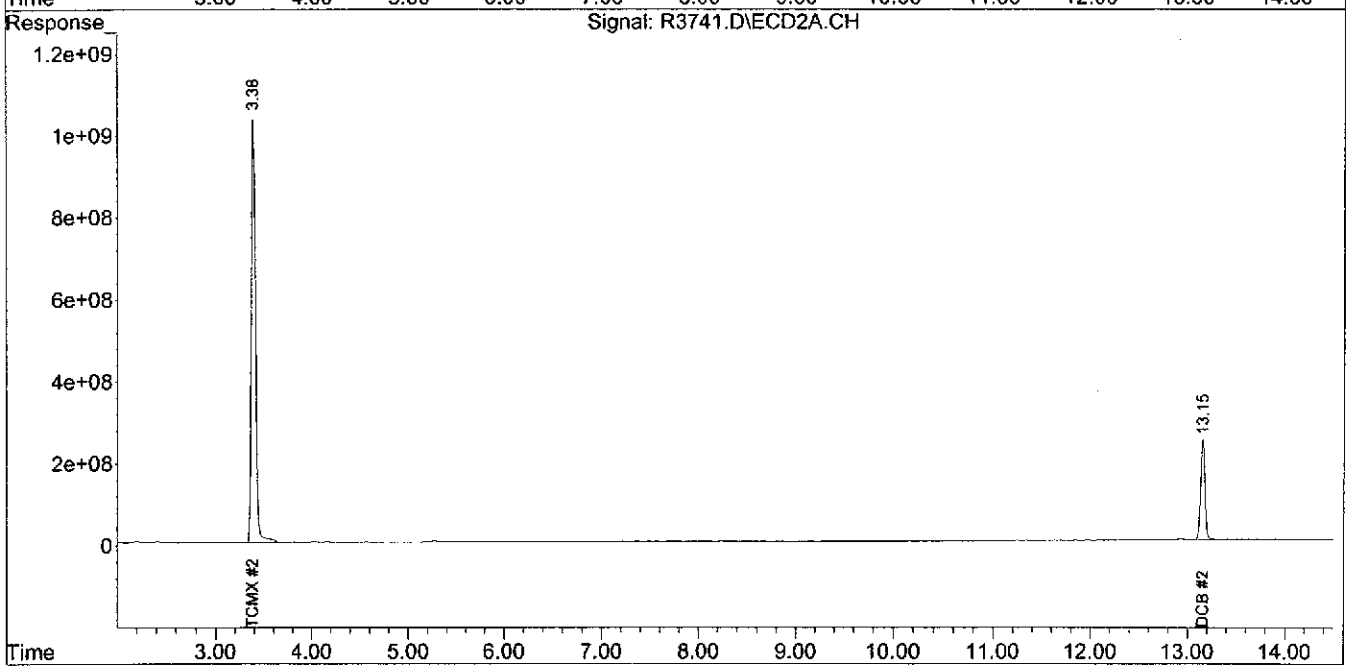
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3741.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 14:40
Operator : IB
Sample : PCB,BLKS120914-01,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 12:56:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial 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\08-27-12\
Data File : Y1148.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Aug 2012 16:52
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 07:50:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:50:02 2012
Response via : Initial 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	2.90	22214.9E6	5890.5E6	239.833	233.845
Spiked Amount 200.000			Recovery	=	119.92%	116.92%
2) S DCB	12.10	12.49	2980.1E6	1185.7E6	175.196m	160.258m
Spiked Amount 200.000			Recovery	=	87.60%	80.13%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.12	1830.8E6	519.6E6	500.000	500.000
24) L6 Aroclor-1248 {2}	5.04	5.71	1002.5E6	766.5E6	500.000	500.000
25) L6 Aroclor-1248 {3}	5.36	6.10	1247.7E6	542.7E6	500.000	500.000
26) L6 Aroclor-1248 {4}	6.06	6.26	2262.2E6	492.1E6	500.000	500.000
27) L6 Aroclor-1248 {5}	6.33	6.61	1568.7E6	268.0E6	500.000	500.000
Sum Aroclor-1248			7911.9E6	2588.9E6	2500.000	2500.000
Average Aroclor-1248					500.000	500.000
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

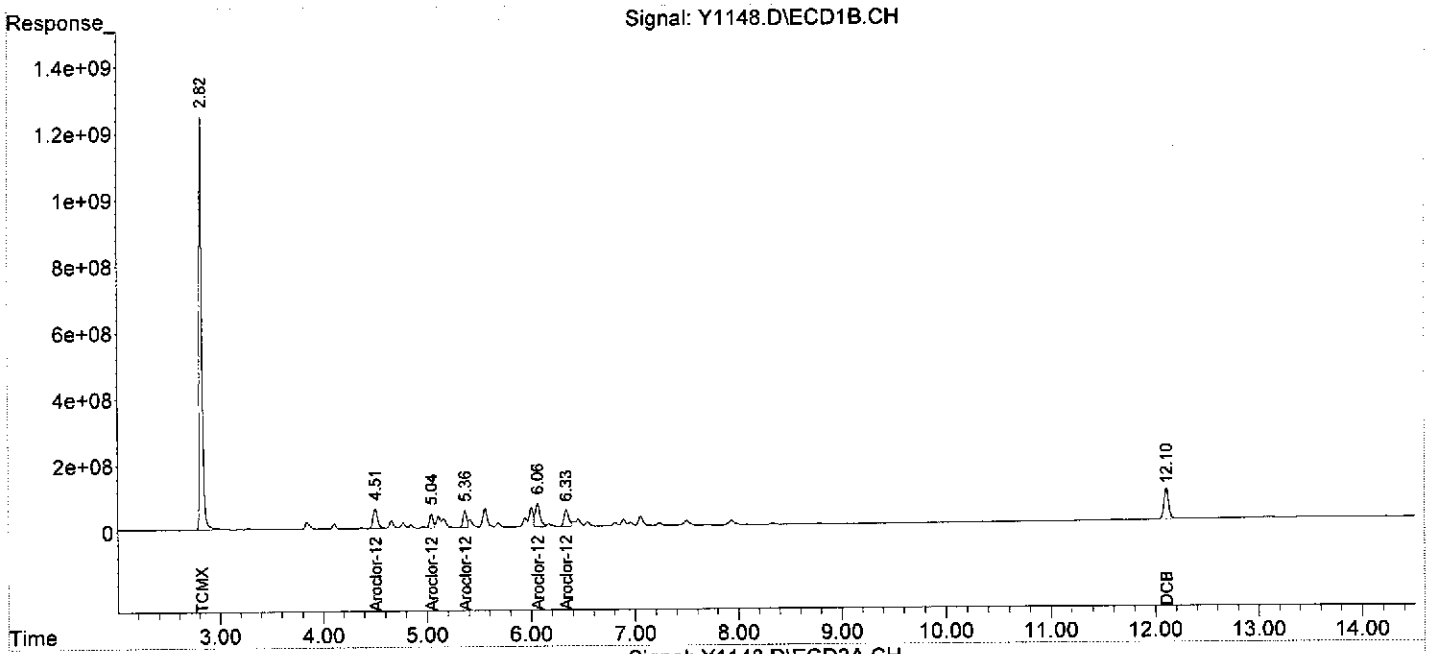
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

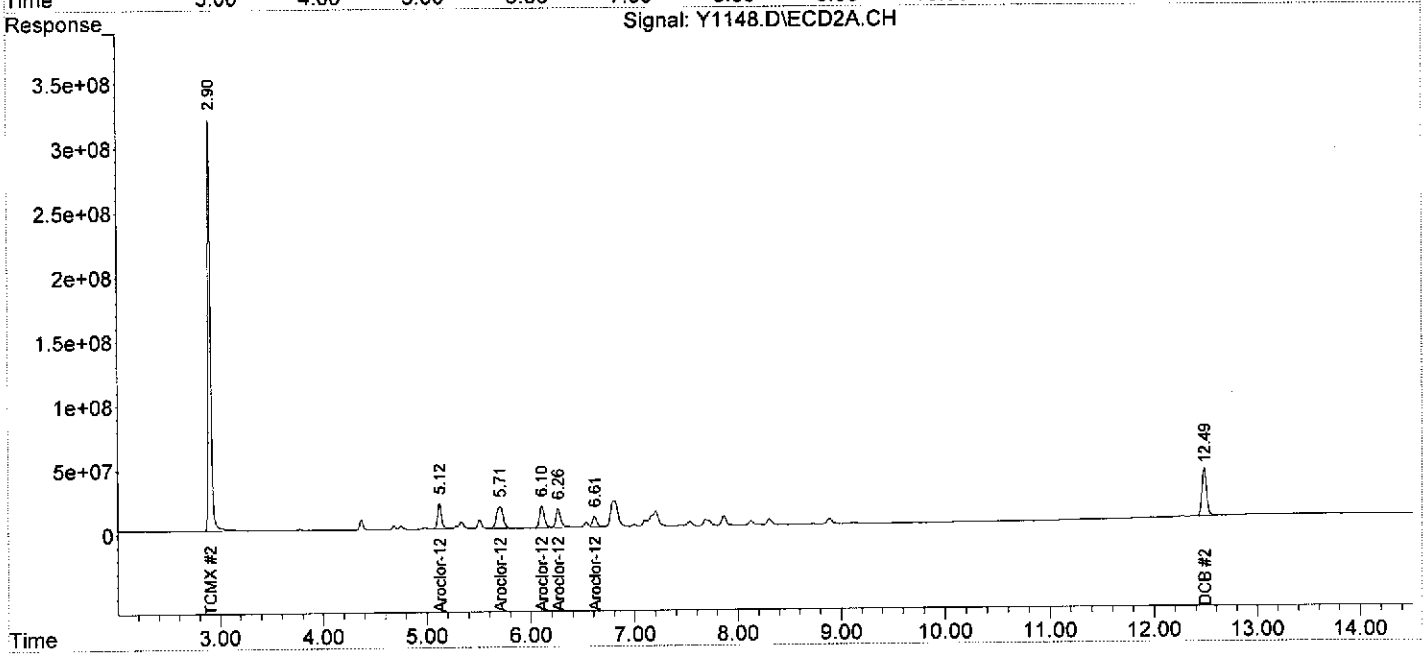
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\
Data File : Y1148.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Aug 2012 16:52
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 07:50:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:50:02 2012
Response via : Initial 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\08-30-12\
Data File : R3536.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Aug 2012 15:58
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 31 13:22:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Fri Aug 31 13:21:39 2012
Response via : Initial 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	3.38	39131.8E6	34268.9E6	250.811	239.737
Spiked Amount 200.000			Recovery	=	125.41%	119.87%
2) S DCB	13.10	13.16	13107.9E6	8226.1E6	249.444	263.137
Spiked Amount 200.000			Recovery	=	124.72%	131.57%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	3820.5E6	3005.0E6	500.000	500.000
24) L6 Aroclor-1248 {2}	5.86	6.28	2092.4E6	4212.3E6	500.000	500.000
25) L6 Aroclor-1248 {3}	6.20	6.68	2109.9E6	3207.8E6	500.000	500.000
26) L6 Aroclor-1248 {4}	6.92	6.84	4314.8E6	2699.6E6	500.000	500.000
27) L6 Aroclor-1248 {5}	7.20	7.20	3517.8E6	1553.7E6	500.000	500.000
Sum Aroclor-1248			15855.4E6	14678.5E6	2500.000	2500.000
Average Aroclor-1248					500.000	500.000
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

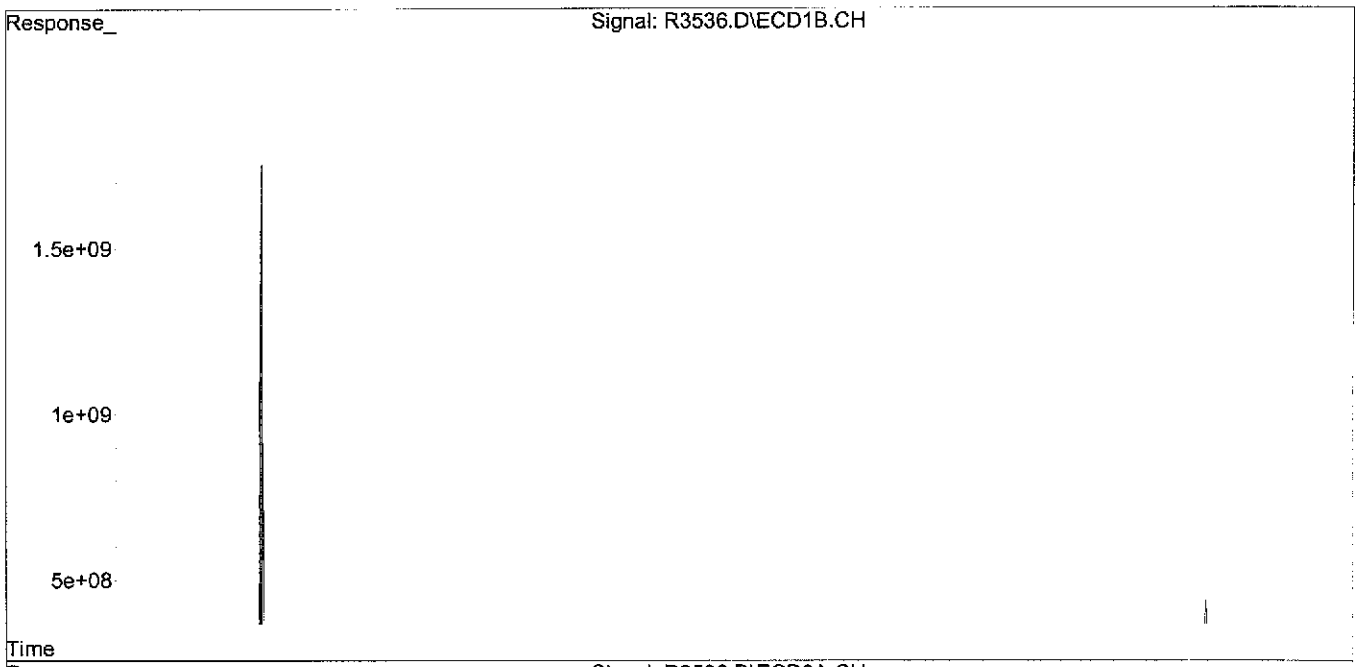
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

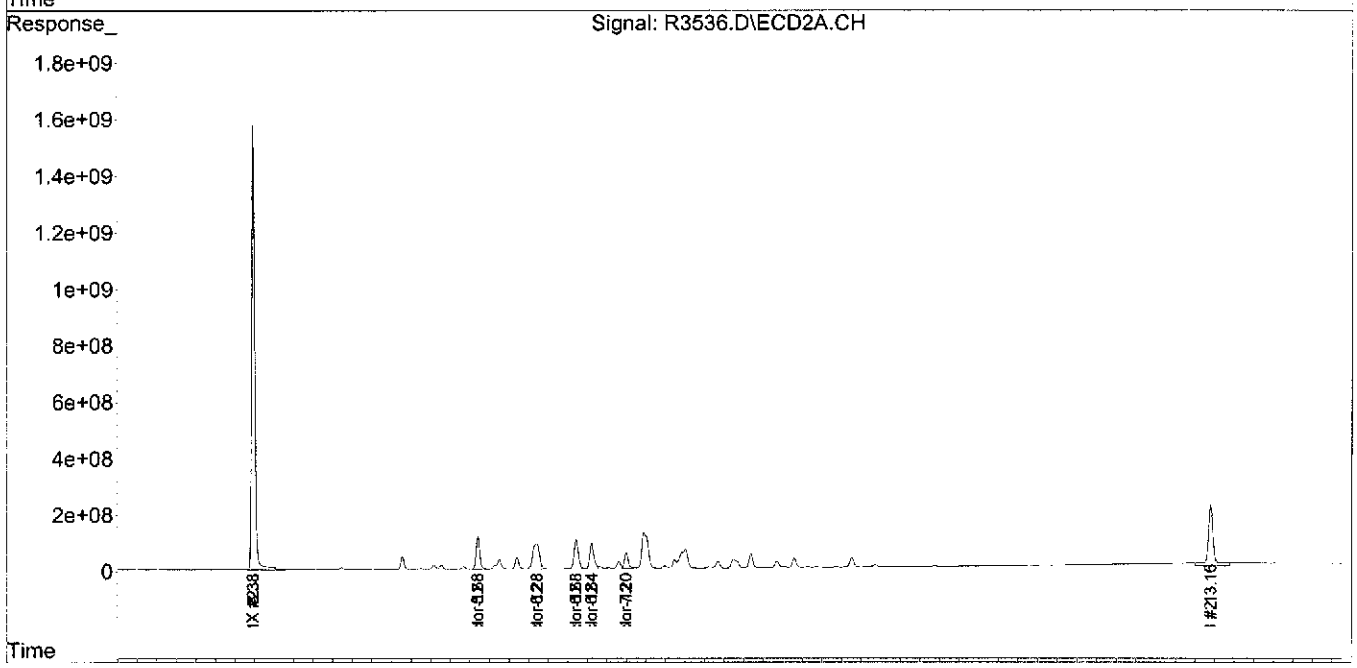
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\08-30-12\
Data File : R3536.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Aug 2012 15:58
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

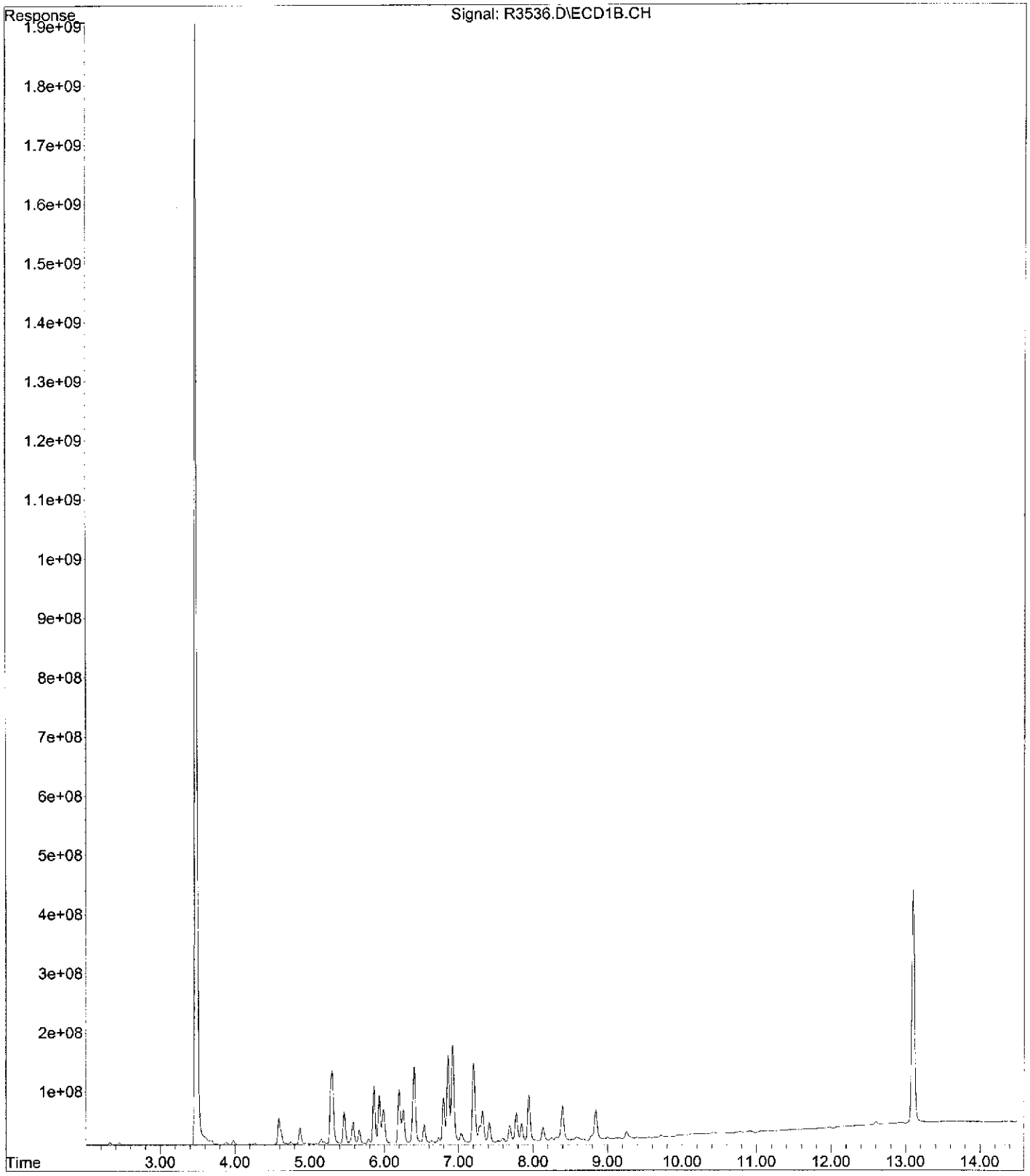
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 31 13:22:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Fri Aug 31 13:21:39 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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





File :C:\MSDChem\1\DATA\08-30-12\R3536.D
Operator : YG
Acquired : 30 Aug 2012 15:58 using AcqMethod RPCB0830.M
Instrument : GC_R
Sample Name: 8082_1248_IAS_4309,0.5_PPM
Misc Info : NA,NA,NA,1
Vial Number: 9



SAMPLE TRACKING

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

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

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Ansynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

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

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

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

Cooler Temp 4 °C

SAMPLE INFORMATION

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

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
I-31 (0-2.0)		9/10/12	8:47	S	1	1	X						
I-31 (2.0-4.0)		↓	8:48	S	1	2	X						
I-31 (4.0-6.0)			8:49	S	1	3	X						
H-31 (0-2.0)			9:07	S	1	4	X						
H-31 (2.0-4.0)			9:08	S	1	5	X						
H-31 (4.0-5.0)			9:09	S	1	6	X						
H-31 (5.0-6.0)			9:10	S	1	7	X						
G-31 (0-2.0)		↓	9:38	S	1	8	X						

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

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

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

Carrier (check one): IAL Courier _____ Client Courier _____ FedEx/UPS

	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:		9/10/12	15:22	Received by:		9/10/12	15:22
Relinquished by:		9/10/12	16:45	Received by:		9/10/12	16:45
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 09161

PAGE: 1 of 8

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0280

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869
Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

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

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

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

Other** (specify):

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

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

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

Cooler Temp <4 4 °C

SAMPLE INFORMATION

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

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
G-31 (2.0-4.0)		9/10/12	9:39	S	1	9	x						
G-31 (4.0-6.0)			9:40	S	1	10	x						
G-31 (6.0-7.0)			9:41	S	1	11	x						
G-31 (7.0-8.0)			9:42	S	1	12	x						
F-31 (0-2.0)			10:20	S	1	13	x						
F-31 (2.0-4.0)			10:21	S	1	14	x						
F-31 4.0-4.5)			10:22	S	1	15	x						
F-31 (4.5-6.0)			10:23	S	1	16	x						

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

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

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

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	9/10/12	1522	Received by:	9/10/12	1522
Relinquished by:	9/10/12	1645	Received by:	9/10/12	1645
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 09161

PAGE: 2 of 8

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Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
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Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

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

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

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

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

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

Cooler Temp <4 4 °C

SAMPLE INFORMATION

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

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
E-31 (0-2.0)		9/10/12	10:50	S	1	17	x						
E-31 (2.0-4.0)			10:51	S	1	18	x						
E-31 (4.0-5.0)			10:52	S	1	19	x						
E-31 (5.0-6.0)			10:53	S	1	20	x						
D-31 (0-2.0)			11:15	S	1	21	x						
D-31 (2.0-4.0)			11:16	S	1	22	x						
D-31 (4.0-5.0)			11:17	S	1	23	x						
D-31 (5.0-6.0)			11:18	S	1	24	x						

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

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

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	Signature/Company	Date	Time		Signature/Company	Date	Time
Relinquished by:		9/10/12	1520	Received by:		9/10/12	1522
Relinquished by:		9/10/12	1645	Received by:		9/10/12	1645
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 09161

PAGE: 3 of 8

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Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

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

NJ EPH - C40 (5 day TAT)

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Other** (specify):

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

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

Cooler Temp <4 4 °C

SAMPLE INFORMATION

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

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
C-31 (0-2.0)		9/10/12	11:33	S	1	25	X						
C-31 (2.0-3.0)			11:34	S	1	26	X						
C-31 (3.0-4.0)			11:35	S	1	27	X						
C-31 (4.0-6.0)			11:36	S	1	28	X						
I-32 (0-2.0)			11:49	S	1	29	X						
I-32 (2.0-4.0)			11:50	S	1	30	X						
I-32 (4.0-5.0)			11:51	S	1	31	X						
I-32 (5.0-5.5)			11:52	S	1	32	X						

Known Hazard: Yes or No Describe: — Conc. Expected: Low Med High — MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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:	9/10/12	15:22	Received by:	9/10/12	15:22
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Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

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Lab Case # 09161

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CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

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

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) — QAM825 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

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

Other** (specify):

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

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

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

Cooler Temp <4 4 °C

Sample Matrix

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

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	TCL PCB Extract and Hold	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
I-33 (5.0-6.0)		9/10/12	12:07	S	1	33	X							
I-33 (6.0-7.0)			12:08	S	1	34	X							
I-33 (7.0-8.0)			12:09	S	1	35	X							
I-33 (8.0-9.0)			12:10	S	1	36	X	X						
H-36 (5.0-6.0)			1:00	S	1	37	X							
H-36 (6.0-7.0)			1:01	S	1	38	X							
H-36 (7.0-8.0)			1:02	S	1	39	X							
H-36 (8.0-9.0)			1:03	S	1	40	X	X						

Known Hazard: Yes or No Describe: — Conc. Expected: Low Med High — MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

	Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:		9/10/12	15:22	Received by:	9/10/12	15:22
Relinquished by:		9/10/12	16:45	Received by:	9/10/12	16:45
Relinquished by:				Received by:		
Relinquished by:				Received by:		
Relinquished by:				Received by:		

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Lab Case # 09161

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Web: www.ialonline.com

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Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

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PHC - MUST CHOOSE

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

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) — QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

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Other** (specify):

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

Cooler Temp <4 4 °C

Sample Matrix

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

SAMPLE INFORMATION

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
J-33 (0-2.0)		9/10/12	1:22	S	1	41	x						
J-33 (2.0-4.0)			1:23	S	1	42	x						
J-33 (4.0-5.25)			1:24	S	1	43	x						
J-33 (5.25-6.0)			1:25	S	1	44	x						
J-32 (0-2.0)			1:45	S	1	45	x						
J-32 (2.0-4.0)			1:46	S	1	46	x						
J-32 (4.0-5.0)			1:47	S	1	47	x						
J-32 (5.0-6.0)			1:48	S	1	48	x						

Known Hazard: Yes or No Describe: — Conc. Expected: Low Med High — MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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Relinquished by:				Received by:			
Relinquished by:				Received by:			
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m-33 (4.0-5.0)			2:14	S	1	52	X						
m-33 (5.0-6.0)			2:15	S	1	53	X						
m-33 (6.0-8.0)			2:16	S	1	54	X						
m-42 (4.0-5.0)			2:52	S	1	55	X						
m-42 (5.0-6.0)			2:53	S	1	56	X						

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

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

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Relinquished by:				Received by:		

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Comments:

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Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

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

Cooler Temp <4 4 °C

SAMPLE INFORMATION

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

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	TCL PCB Extract And Hold	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
M-42 (6.0-7.0)		9/10/12	2:54	S	1	57	X	X						
FB-39		9/10/12	3:10	AQ	2	58	X							
							X							
							X							
							X							
							X							
							X							
							X							
							X							

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

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

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:		9/10/12	15:22	Received by:		9/10/12	15:22
Relinquished by:		9/10/12	16:45	Received by:		9/10/12	16:45
Relinquished by:				Received by:			
Relinquished by:				Received by:			
Relinquished by:				Received by:			

Comments:

Lab Case # 09161

PAGE: 8 of 8

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

0287

C:\Documents and Settings\ahallgreen\Desktop\PCB IALCOC

10/2010 rev

PROJECT INFORMATION

E12-09161

Case No. E12-09161 **Project** ARSYNCO

Customer JMC Environmental Consultants

Contact Jim Clabby

EMail jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co tadams@jmcenvironmenta... ☑ EMail EDDs

Phone (732) 295-2144 **Fax** 1(732) 295-2150

Report To

2109 Bridge Avenue

Building B

Point Pleasant, NJ 08742

Attn: Jim Clabby

P.O. #

Received 9/10/2012 16:45

Verbal Due 10/10/2012

Report Due 10/17/2012

Bill To

Aceto Corp.

4 Tri Harbor Court

Port Washington, NY 11050

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
09161-001	I-31 (0-2.0)	0 / 2	9/10/2012@08:47	Soil	mg/Kg	1
09161-002	I-31 (2.0-4.0)	2 / 4	9/10/2012@08:48	Soil	mg/Kg	1
09161-003	I-31 (4.0-6.0)	4 / 6	9/10/2012@08:49	Soil	mg/Kg	1
09161-004	H-31 (0-2.0)	0 / 2	9/10/2012@09:07	Soil	mg/Kg	1
09161-005	H-31 (2.0-4.0)	2 / 4	9/10/2012@09:08	Soil	mg/Kg	1
09161-006	H-31 (4.0-5.0)	4 / 5	9/10/2012@09:09	Soil	mg/Kg	1
09161-007	H-31 (5.0-6.0)	5 / 6	9/10/2012@09:10	Soil	mg/Kg	1
09161-008	G-31 (0-2.0)	0 / 2	9/10/2012@09:38	Soil	mg/Kg	1
09161-009	G-31 (2.0-4.0)	2 / 4	9/10/2012@09:39	Soil	mg/Kg	1
09161-010	G-31 (4.0-6.0)	4 / 6	9/10/2012@09:40	Soil	mg/Kg	1
09161-011	G-31 (6.0-7.0)	6 / 7	9/10/2012@09:41	Soil	mg/Kg	1
09161-012	G-31 (7.0-8.0)	7 / 8	9/10/2012@09:42	Soil	mg/Kg	1
09161-013	F-31 (0-2.0)	0 / 2	9/10/2012@10:20	Soil	mg/Kg	1
09161-014	F-31 (2.0-4.0)	2 / 4	9/10/2012@10:21	Soil	mg/Kg	1
09161-015	F-31 (4.0-4.5)	4 / 4.5	9/10/2012@10:22	Soil	mg/Kg	1
09161-016	F-31 (4.5-6.0)	4.5 / 6	9/10/2012@10:23	Soil	mg/Kg	1
09161-017	E-31 (0-2.0)	0 / 2	9/10/2012@10:50	Soil	mg/Kg	1
09161-018	E-31 (2.0-4.0)	2 / 4	9/10/2012@10:51	Soil	mg/Kg	1
09161-019	E-31 (4.0-5.0)	4 / 5	9/10/2012@10:52	Soil	mg/Kg	1
09161-020	E-31 (5.0-6.0)	5 / 6	9/10/2012@10:53	Soil	mg/Kg	1
09161-021	D-31 (0-2.0)	0 / 2	9/10/2012@11:15	Soil	mg/Kg	1
09161-022	D-31 (2.0-4.0)	2 / 4	9/10/2012@11:16	Soil	mg/Kg	1
09161-023	D-31 (4.0-5.0)	4 / 5	9/10/2012@11:17	Soil	mg/Kg	1
09161-024	D-31 (5.0-6.0)	5 / 6	9/10/2012@11:18	Soil	mg/Kg	1
09161-025	C-31 (0-2.0)	0 / 2	9/10/2012@11:33	Soil	mg/Kg	1
09161-026	C-31 (2.0-3.0)	2 / 3	9/10/2012@11:34	Soil	mg/Kg	1
09161-027	C-31 (3.0-4.0)	3 / 4	9/10/2012@11:35	Soil	mg/Kg	1
09161-028	C-31 (4.0-6.0)	4 / 6	9/10/2012@11:36	Soil	mg/Kg	1

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September 26, 2012

PROJECT INFORMATION

E12-09161

Case No. E12-09161 **Project** ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
09161-029	I-32 (0-2.0)	0 / 2	9/10/2012@11:49	Soil	mg/Kg	1
09161-030	I-32 (2.0-4.0)	2 / 4	9/10/2012@11:50	Soil	mg/Kg	1
09161-031	I-32 (4.0-5.0)	4 / 5	9/10/2012@11:51	Soil	mg/Kg	1
09161-032	I-32 (5.0-5.5)	5 / 5.5	9/10/2012@11:52	Soil	mg/Kg	1
09161-033	I-33 (5.0-6.0)	5 / 6	9/10/2012@12:07	Soil	mg/Kg	1
09161-034	I-33 (6.0-7.0)	6 / 7	9/10/2012@12:08	Soil	mg/Kg	1
09161-035	I-33 (7.0-8.0)	7 / 8	9/10/2012@12:09	Soil	mg/Kg	1
09161-036	I-33 (8.0-9.0)	8 / 9	9/10/2012@12:10	Soil	mg/Kg	1
09161-037	H-36 (5.0-6.0)	5 / 6	9/10/2012@13:00	Soil	mg/Kg	1
09161-038	H-36 (6.0-7.0)	6 / 7	9/10/2012@13:01	Soil	mg/Kg	1
09161-039	H-36 (7.0-8.0)	7 / 8	9/10/2012@13:02	Soil	mg/Kg	1
09161-040	H-36 (8.0-9.0)	8 / 9	9/10/2012@13:03	Soil	mg/Kg	1
09161-041	J-33 (0-2.0)	0 / 2	9/10/2012@13:22	Soil	mg/Kg	1
09161-042	J-33 (2.0-4.0)	2 / 4	9/10/2012@13:23	Soil	mg/Kg	1
09161-043	J-33 (4.0-5.25)	4 / 5.25	9/10/2012@13:24	Soil	mg/Kg	1
09161-044	J-33 (5.25-6.0)	5.25 / 6	9/10/2012@13:25	Soil	mg/Kg	1
09161-045	J-32 (0-2.0)	0 / 2	9/10/2012@13:45	Soil	mg/Kg	1
09161-046	J-32 (2.0-4.0)	2 / 4	9/10/2012@13:46	Soil	mg/Kg	1
09161-047	J-32 (4.0-5.0)	4 / 5	9/10/2012@13:47	Soil	mg/Kg	1
09161-048	J-32 (5.0-6.0)	5 / 6	9/10/2012@13:48	Soil	mg/Kg	1
09161-049	I-32 (5.5-6.0)	5.5 / 6	9/10/2012@11:53	Soil	mg/Kg	1
09161-050	M-33 (0-2.0)	0 / 2	9/10/2012@14:12	Soil	mg/Kg	1
09161-051	M-33 (2.0-4.0)	2 / 4	9/10/2012@14:13	Soil	mg/Kg	1
09161-052	M-33 (4.0-5.0)	4 / 5	9/10/2012@14:14	Soil	mg/Kg	1
09161-053	M-33 (5.0-6.0)	5 / 6	9/10/2012@14:15	Soil	mg/Kg	1
09161-054	M-33 (6.0-8.0)	6 / 8	9/10/2012@14:16	Soil	mg/Kg	1
09161-055	M-42 (4.0-5.0)	4 / 5	9/10/2012@14:52	Soil	mg/Kg	1
09161-056	M-42 (5.0-6.0)	5 / 6	9/10/2012@14:53	Soil	mg/Kg	1
09161-057	M-42 (6.0-7.0)	6 / 7	9/10/2012@14:54	Soil	mg/Kg	1
09161-058	FB-39	n/a	9/10/2012@15:10	Aqueous	mg/L	2

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

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PROJECT INFORMATION

E12-09161

Case No. E12-09161 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
014	TCL PCB	Complete	8082
015	TCL PCB	Complete	8082
016	TCL PCB	Complete	8082
017	TCL PCB	Complete	8082
018	TCL PCB	Complete	8082
019	TCL PCB	Complete	8082
020	TCL PCB	Complete	8082
021	TCL PCB	Complete	8082
022	TCL PCB	Complete	8082
023	TCL PCB	Complete	8082
024	TCL PCB	Complete	8082
025	TCL PCB	Complete	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	Extract_Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	8082
037	TCL PCB	Complete	8082
038	TCL PCB	Complete	8082
039	TCL PCB	Complete	8082
040	Extract_Hold(PCB)	Complete	8082
"	TCL PCB	Cancel	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
056	TCL PCB	Complete	8082
057	Extract_Hold(PCB)	Complete	8082
"	TCL PCB	Run	8082
058	TCL PCB	Complete	8082

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PROJECT INFORMATION

E12-09161

Case No. E12-09161 **Project** ARSYNCO

09/26/2012 11:58 by melissa - REV 1

REV 01 DUE 10/10

AS PER JIM CLABBY, ACTIVATE SAMPLE 057 FOR PCB ON A STANDARD TURN. CANCEL OTHER SAMPLES ON HOLD.

RESULTS SENT 9/24

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **09161** CLIENT: JMC

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

Comments

COC: (COMPLETE) / INCOMPLETE

KEY

✓ = **YES/NA**
✗ = **NO**

✓ Bottles Intact
✓ no-Missing Bottles
✓ no-Extra Bottles

✓ Sufficient Sample Volume
✓ no-headspace/bubbles in VOs
✓ Labels intact/correct
✓ pH Check (exclude VOs)[1]
✓ Correct bottles/preservative
✓ Sufficient Holding/Prep Time[1]
[ ] Sample to be Subcontracted
✓ **Chain of Custody is Clear**

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [ ] DATE 9/10/12

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 9/10/12

Laboratory Custody Chronicle

IAL Case No.
E12-09161

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/10/2012@16:45

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	09161-001	Soil	9/12/12	Archimede	9/14/12	Julia
"	-002	"	9/12/12	Archimede	9/14/12	Julia
"	-003	"	9/12/12	Archimede	9/14/12	Julia
"	-004	"	9/12/12	Archimede	9/14/12	Julia
"	-005	"	9/12/12	Archimede	9/14/12	Julia
"	-006	"	9/12/12	Archimede	9/14/12	Julia
"	-007	"	9/12/12	Archimede	9/14/12	Julia
"	-008	"	9/12/12	Archimede	9/14/12	Julia
"	-009	"	9/12/12	Archimede	9/14/12	Julia
"	-010	"	9/12/12	Archimede	9/14/12	Julia
"	-011	"	9/12/12	Archimede	9/14/12	Julia
"	-012	"	9/12/12	Archimede	9/14/12	Julia
"	-013	"	9/12/12	Archimede	9/14/12	Julia
"	-014	"	9/13/12	Archimede	9/14/12	Julia
"	-015	"	9/13/12	Archimede	9/14/12	Julia
"	-016	"	9/13/12	Archimede	9/14/12	Julia
"	-017	"	9/13/12	Archimede	9/14/12	Julia
"	-018	"	9/13/12	Archimede	9/14/12	Julia
"	-019	"	9/13/12	Archimede	9/14/12	Julia
"	-020	"	9/13/12	Archimede	9/14/12	Julia
"	-021	"	9/13/12	Archimede	9/14/12	Julia
"	-022	"	9/13/12	Archimede	9/14/12	Julia
"	-023	"	9/13/12	Archimede	9/14/12	Julia
"	-024	"	9/13/12	Archimede	9/14/12	Julia
"	-025	"	9/13/12	Archimede	9/14/12	Julia
"	-026	"	9/13/12	Archimede	9/14/12	Julia
"	-027	"	9/13/12	Archimede	9/14/12	Julia
"	-028	"	9/13/12	Archimede	9/14/12	Julia
"	-029	"	9/13/12	Archimede	9/14/12	Julia
"	-030	"	9/13/12	Archimede	9/14/12	Julia
"	-031	"	9/13/12	Archimede	9/14/12	Julia
"	-032	"	9/13/12	Archimede	9/14/12	Julia
"	-033	"	9/13/12	Archimede	9/14/12	Julia
"	-034	"	9/14/12	Archimede	9/14/12	Julia
"	-035	"	9/14/12	Archimede	9/14/12	Julia
"	-036	"	9/14/12	Archimede	9/14/12	Julia
"	-037	"	9/14/12	Archimede	9/14/12	Julia
"	-038	"	9/14/12	Archimede	9/14/12	Julia
"	-039	"	9/14/12	Archimede	9/14/12	Julia
"	-040	"	9/14/12	Archimede	9/14/12	Julia
"	-041	"	9/14/12	Archimede	9/14/12	Julia
"	-042	"	9/14/12	Archimede	9/14/12	Julia
"	-043	"	9/14/12	Archimede	9/14/12	Julia
"	-044	"	9/14/12	Archimede	9/14/12	Julia
"	-045	"	9/14/12	Archimede	9/14/12	Julia
"	-046	"	9/14/12	Archimede	9/14/12	Julia

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Laboratory Custody Chronicle

IAL Case No.

E12-09161

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/10/2012@16:45

"	-047	"	9/14/12	Archimede	9/14/12	Julia
"	-048	"	9/14/12	Archimede	9/14/12	Julia
"	-049	"	9/14/12	Archimede	9/14/12	Julia
"	-050	"	9/14/12	Archimede	9/14/12	Julia
"	-051	"	9/14/12	Archimede	9/14/12	Julia
"	-052	"	9/14/12	Archimede	9/14/12	Julia
"	-053	"	9/14/12	Archimede	9/14/12	Julia
"	-054	"	9/14/12	Archimede	9/17/12	Julia
"	-055	"	9/14/12	Archimede	9/18/12	Julia
"	-056	"	9/14/12	Archimede	9/17/12	Julia
"	-057	"	9/14/12	Archimede	9/17/12	Julia
"	-058	Aqueous	9/13/12	Archimede	9/14/12	Julia

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