

Cover Page

Order ID : Q2393

Project ID : 190 Park Ave Hanover Twp NJ - PO 2556-001

Client : Union Paving & Construction Company

Lab Sample Number

Q2393-01
Q2393-02
Q2393-03
Q2393-04
Q2393-05
Q2393-06
Q2393-07
Q2393-08
Q2393-09
Q2393-10
Q2393-11
Q2393-12

Client Sample Number

PARK AVE -1
PARK AVE -1
PARK AVE -2
PARK AVE -2
PARK AVE -3
PARK AVE -3
PARK AVE -4
PARK AVE -4
PARK AVE -5
PARK AVE -5
PARK AVE -6
PARK AVE -6

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2393

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATHA PARGHI

Date: 06/28/2025

LAB CHRONICLE

OrderID:	Q2393	OrderDate:	6/23/2025 11:43:58 AM
Client:	Union Paving & Construction Company	Project:	190 Park Ave Hanover Twp NJ - PO 2556-001
Contact:	Gerard Busacco	Location:	A22,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2393-01	PARK AVE -1	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
Q2393-03	PARK AVE -2	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
Q2393-05	PARK AVE -3	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
Q2393-07	PARK AVE -4	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
Q2393-09	PARK AVE -5	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	
Q2393-11	PARK AVE -6	SOIL			06/23/25			06/23/25
			PCB	8082A		06/25/25	06/25/25	
			Pesticide-TCL	8081B		06/25/25	06/25/25	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2393

Order ID: Q2393

Client: Union Paving & Construction Company

Project ID: 190 Park Ave Hanover Twp NJ - PO 24

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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Client ID :

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: Q2393

Client: Union Paving & Construction Company

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP072990.D	PIBLK-PP072990.D	Tetrachloro-m-xylene	1	20	17.3	86		60	140
		Decachlorobiphenyl	1	20	18.3	91		60	140
		Tetrachloro-m-xylene	2	20	18.0	90		60	140
		Decachlorobiphenyl	2	20	17.2	86		60	140
I.BLK-PP073234.D	PIBLK-PP073234.D	Tetrachloro-m-xylene	1	20	19.6	98		60	140
		Decachlorobiphenyl	1	20	19.6	98		60	140
		Tetrachloro-m-xylene	2	20	19.2	96		60	140
		Decachlorobiphenyl	2	20	21.1	105		60	140
PB168607BL	PB168607BL	Tetrachloro-m-xylene	1	20	19.8	99		32	144
		Decachlorobiphenyl	1	20	19.6	98		32	175
		Tetrachloro-m-xylene	2	20	19.6	98		32	144
		Decachlorobiphenyl	2	20	20.5	103		32	175
PB168607BS	PB168607BS	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	20.4	102		32	175
		Tetrachloro-m-xylene	2	20	19.1	96		32	144
		Decachlorobiphenyl	2	20	21.6	108		32	175
Q2392-01MS	S-1MS	Tetrachloro-m-xylene	1	20	20.8	104		32	144
		Decachlorobiphenyl	1	20	20.4	102		32	175
		Tetrachloro-m-xylene	2	20	19.0	95		32	144
		Decachlorobiphenyl	2	20	22.0	110		32	175
Q2392-01MSD	S-1MSD	Tetrachloro-m-xylene	1	20	19.2	96		32	144
		Decachlorobiphenyl	1	20	18.4	92		32	175
		Tetrachloro-m-xylene	2	20	17.3	86		32	144
		Decachlorobiphenyl	2	20	19.6	98		32	175
Q2393-01	PARK AVE -1	Tetrachloro-m-xylene	1	20	20.1	101		32	144
		Decachlorobiphenyl	1	20	19.5	98		32	175
		Tetrachloro-m-xylene	2	20	19.9	99		32	144
		Decachlorobiphenyl	2	20	20.3	101		32	175
Q2393-03	PARK AVE -2	Tetrachloro-m-xylene	1	20	18.8	94		32	144
		Decachlorobiphenyl	1	20	18.1	90		32	175
		Tetrachloro-m-xylene	2	20	19.1	95		32	144
		Decachlorobiphenyl	2	20	18.0	90		32	175
Q2393-05	PARK AVE -3	Tetrachloro-m-xylene	1	20	17.0	85		32	144
		Decachlorobiphenyl	1	20	15.8	79		32	175
		Tetrachloro-m-xylene	2	20	17.5	88		32	144
		Decachlorobiphenyl	2	20	17.4	87		32	175
Q2393-07	PARK AVE -4	Tetrachloro-m-xylene	1	20	18.4	92		32	144
		Decachlorobiphenyl	1	20	16.0	80		32	175
		Tetrachloro-m-xylene	2	20	17.5	88		32	144
		Decachlorobiphenyl	2	20	17.0	85		32	175
I.BLK-PP073249.D	PIBLK-PP073249.D	Tetrachloro-m-xylene	1	20	18.5	93		60	140

Surrogate Summary

SDG No.: Q2393

Client: Union Paving & Construction Company

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP073249.D	PIBLK-PP073249.D	Decachlorobiphenyl	1	20	18.9	95		60	140
		Tetrachloro-m-xylene	2	20	18.5	93		60	140
Q2393-09	PARK AVE -5	Decachlorobiphenyl	2	20	20.2	101		60	140
		Tetrachloro-m-xylene	1	20	17.3	87		32	144
		Decachlorobiphenyl	1	20	14.4	72		32	175
		Tetrachloro-m-xylene	2	20	17.2	86		32	144
		Decachlorobiphenyl	2	20	15.4	77		32	175
		Tetrachloro-m-xylene	1	20	16.8	84		32	144
Q2393-11	PARK AVE -6	Decachlorobiphenyl	1	20	14.5	72		32	175
		Tetrachloro-m-xylene	2	20	16.6	83		32	144
		Decachlorobiphenyl	2	20	15.2	76		32	175
		Tetrachloro-m-xylene	1	20	17.7	89		60	140
I.BLK-PP073264.D	PIBLK-PP073264.D	Decachlorobiphenyl	1	20	17.2	86		60	140
		Tetrachloro-m-xylene	2	20	18.4	92		60	140
		Decachlorobiphenyl	2	20	20.1	101		60	140
		Tetrachloro-m-xylene	1	20	17.7	89		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2393</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Union Paving & Construction Company</u>	DataFile :	<u>PP073239.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2392-01MS (Column 1)	S-IMS AR1016	180.6	0	166	ug/kg	92				55	146	
	AR1260	180.6	0	164	ug/kg	91				54	119	
Client Sample ID: Q2392-01MS (Column 2)	S-IMS AR1016	180.6	0	152	ug/kg	84				55	146	
	AR1260	180.6	0	155	ug/kg	86				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2393</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Union Paving & Construction Company</u>	DataFile :	<u>PP073240.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2392-01MSD (Column 1)	S-1MSD AR1016	180.3	0	165	ug/kg	92		0		55	146	15
	AR1260	180.3	0	164	ug/kg	91		0		54	119	15
Client Sample ID: Q2392-01MSD (Column 2)	S-1MSD AR1016	180.3	0	150	ug/kg	83		1		55	146	15
	AR1260	180.3	0	150	ug/kg	83		4		54	119	15



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2393</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Union Paving & Construction Company</u>	Datafile :	<u>PP073237.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB168607BS (Column 1)	AR1016	166.6	165	ug/kg	99				71	120	
	AR1260	166.6	165	ug/kg	99				65	130	
PB168607BS (Column 2)	AR1016	166.6	155	ug/kg	93				71	120	
	AR1260	166.6	152	ug/kg	91				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168607BL

Lab Name: CHEMTECH

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393

SAS No.: Q2393 SDG NO.: Q2393

Lab Sample ID: PB168607BL

Lab File ID: PP073236.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/25/2025

Date Analyzed (1): 06/25/2025

Date Analyzed (2): 06/25/2025

Time Analyzed (1): 12:59

Time Analyzed (2): 12:59

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168607BS	PB168607BS	PP073237.D	06/25/2025	06/25/2025
S-1MS	Q2392-01MS	PP073239.D	06/25/2025	06/25/2025
S-1MSD	Q2392-01MSD	PP073240.D	06/25/2025	06/25/2025
PARK AVE -1	Q2393-01	PP073241.D	06/25/2025	06/25/2025
PARK AVE -2	Q2393-03	PP073242.D	06/25/2025	06/25/2025
PARK AVE -3	Q2393-05	PP073243.D	06/25/2025	06/25/2025
PARK AVE -4	Q2393-07	PP073244.D	06/25/2025	06/25/2025
PARK AVE -5	Q2393-09	PP073250.D	06/25/2025	06/25/2025
PARK AVE -6	Q2393-11	PP073251.D	06/25/2025	06/25/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	PARK AVE -1	SDG No.:	Q2393
Lab Sample ID:	Q2393-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073241.D	1	06/25/25 08:45	06/25/25 14:20	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		32 - 175	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 14:20
Operator : YP\AJ
Sample : Q2393-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PARK AVE -1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 14:53:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.786	42444186	35830686	20.108	19.886
2) SA Decachlor...	10.181	8.791	33324226	27043472	19.500	20.262

Target Compounds

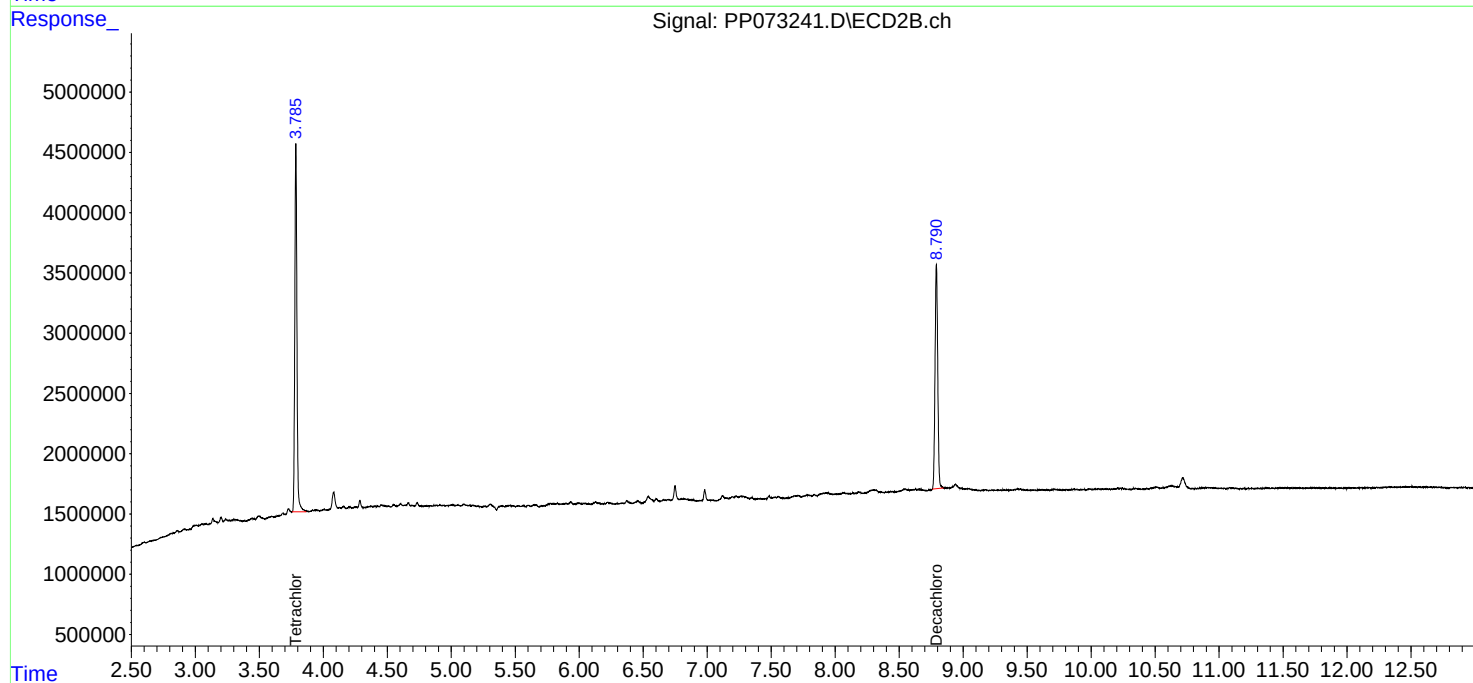
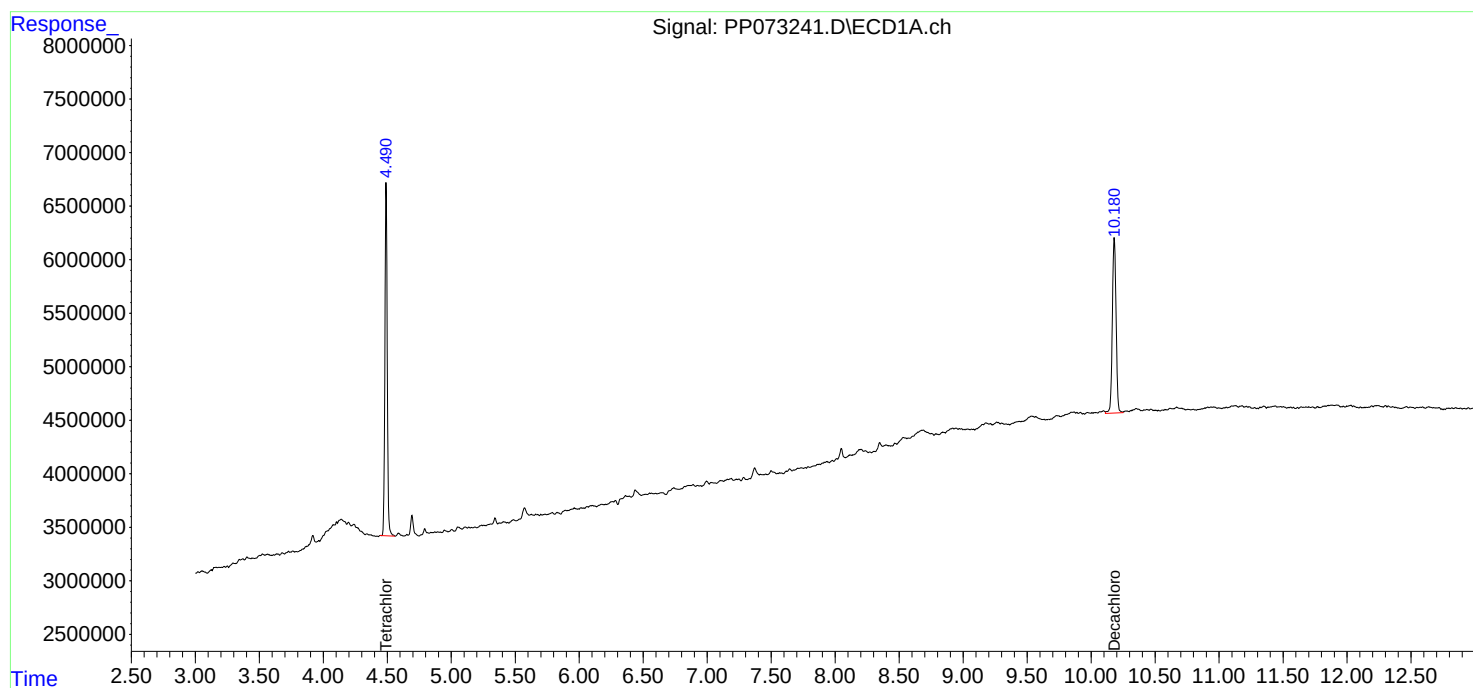
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

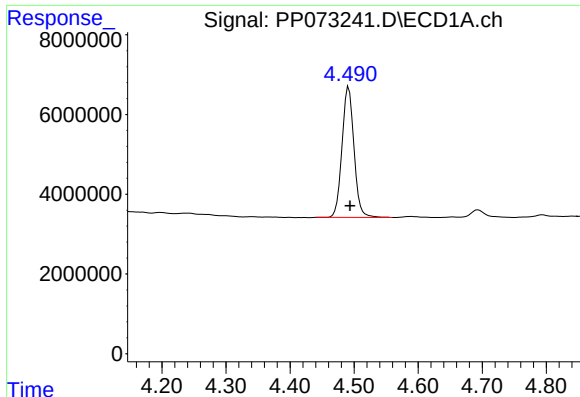
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 14:20
Operator : YP\AJ
Sample : Q2393-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PARK AVE -1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 14:53:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

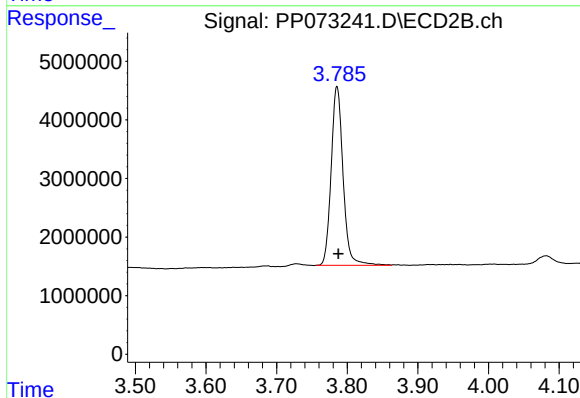




#1 Tetrachloro-m-xylene

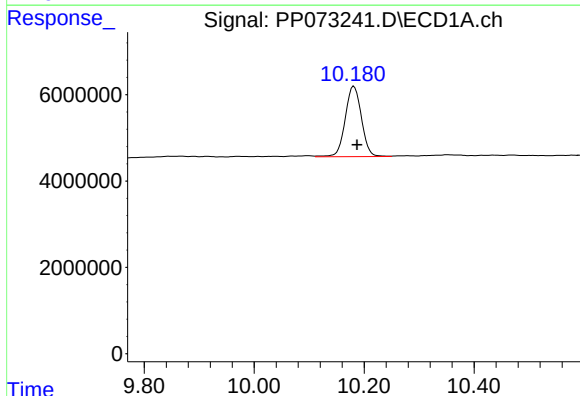
R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 42444186
Conc: 20.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PARK AVE -1



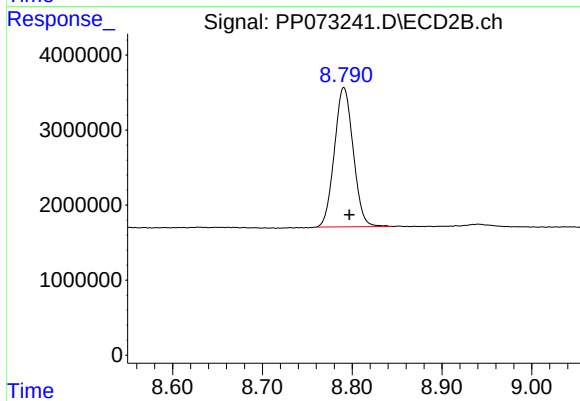
#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 35830686
Conc: 19.89 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.181 min
Delta R.T.: -0.006 min
Response: 33324226
Conc: 19.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.006 min
Response: 27043472
Conc: 20.26 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	PARK AVE -2	SDG No.:	Q2393
Lab Sample ID:	Q2393-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.5
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073242.D	1	06/25/25 08:45	06/25/25 14:37	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.3	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		32 - 144	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		32 - 175	90%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073242.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 14:37
 Operator : YP\AJ
 Sample : Q2393-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PARK AVE -2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 15:47:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.785	39749099	34316265	18.831	19.046
2) SA Decachlor...	10.184	8.792	30884671	23977209	18.073	17.964

Target Compounds

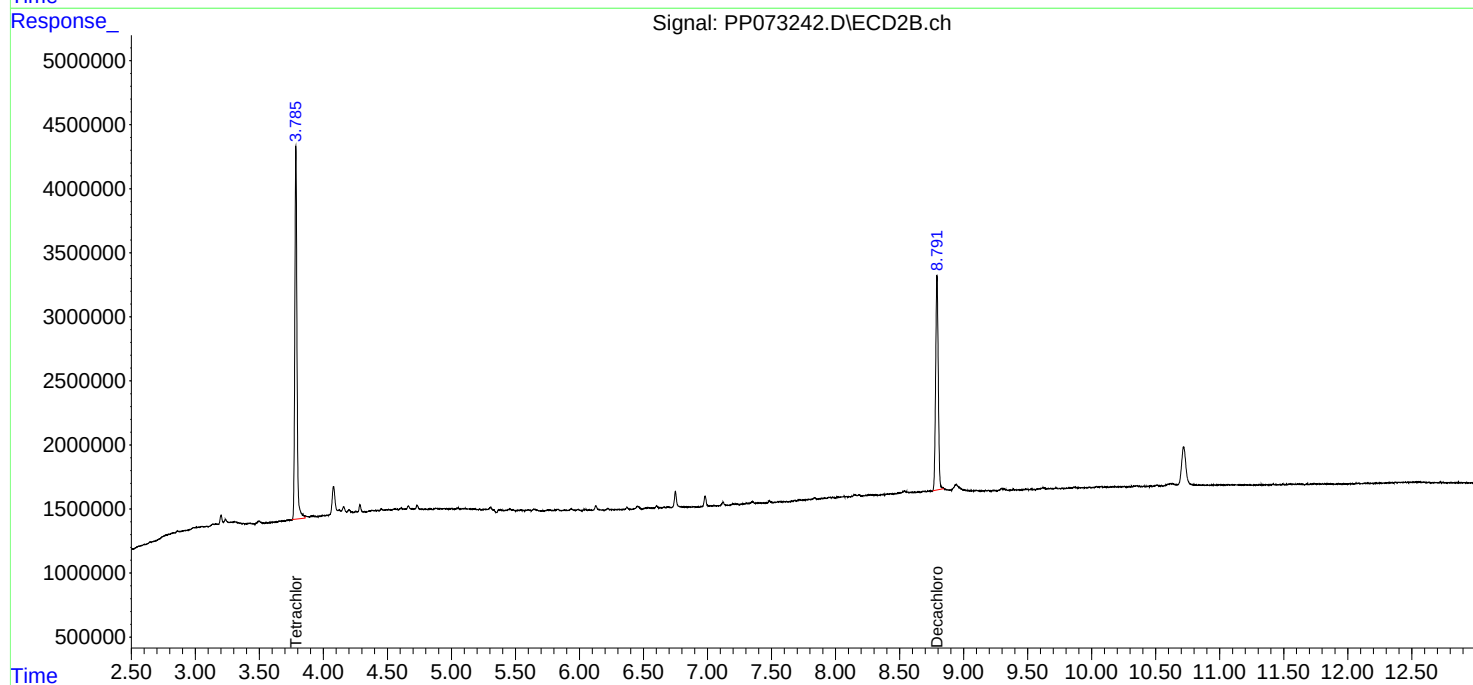
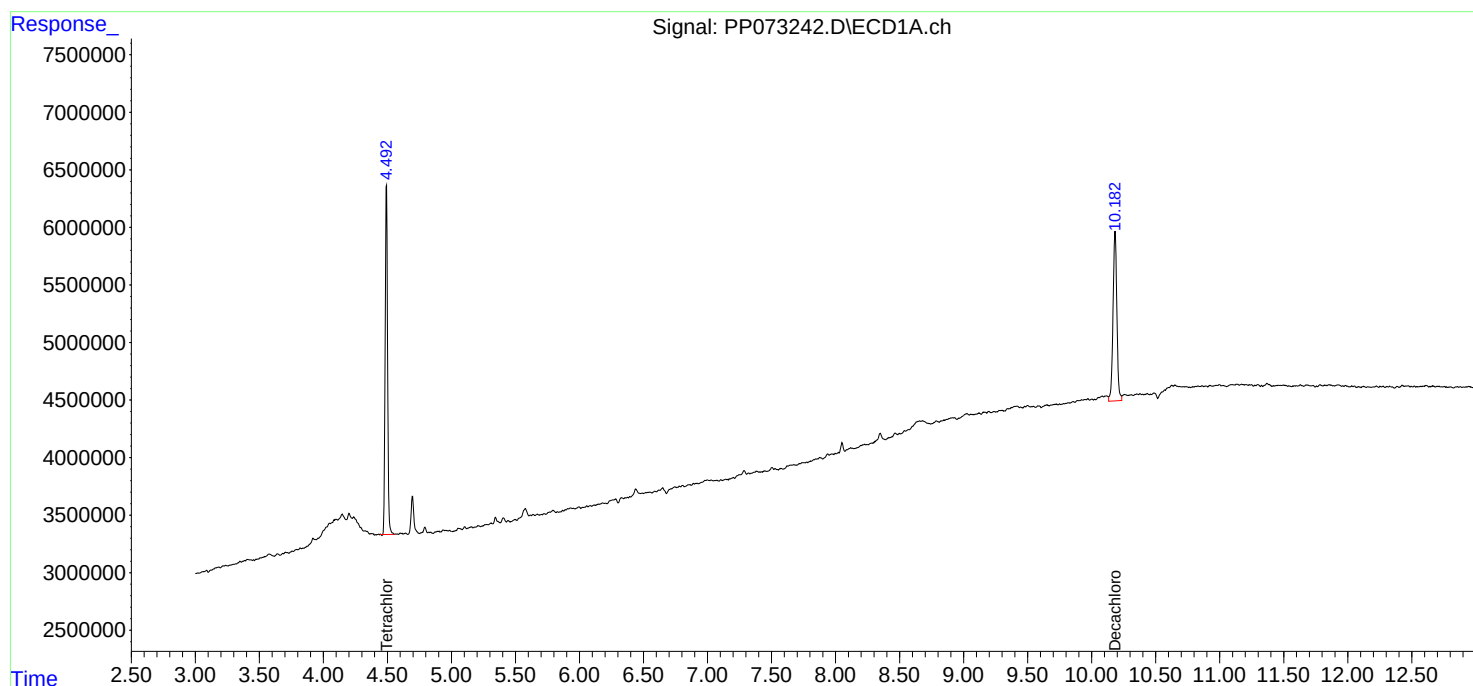
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

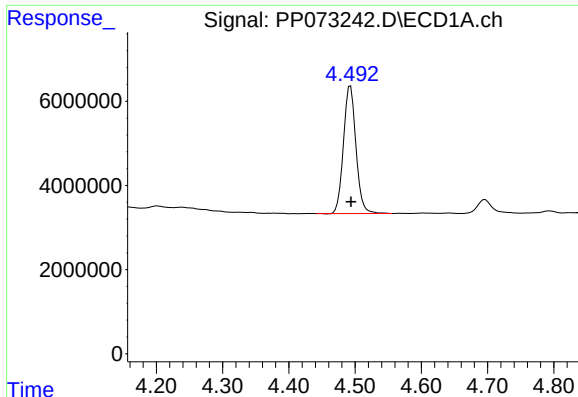
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 14:37
Operator : YP\AJ
Sample : Q2393-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PARK AVE -2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 15:47:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

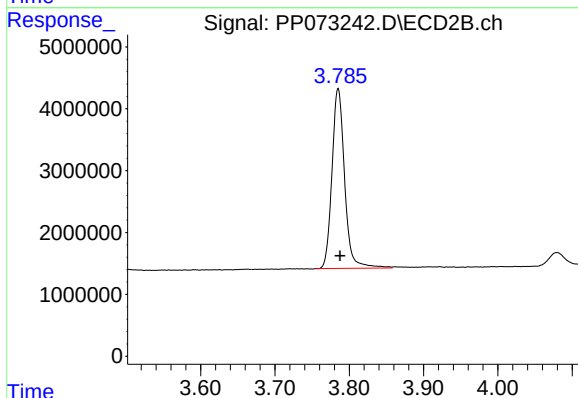




#1 Tetrachloro-m-xylene

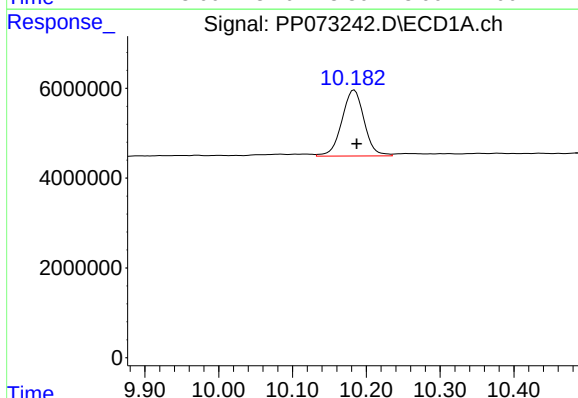
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 39749099
Conc: 18.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
PARK AVE -2



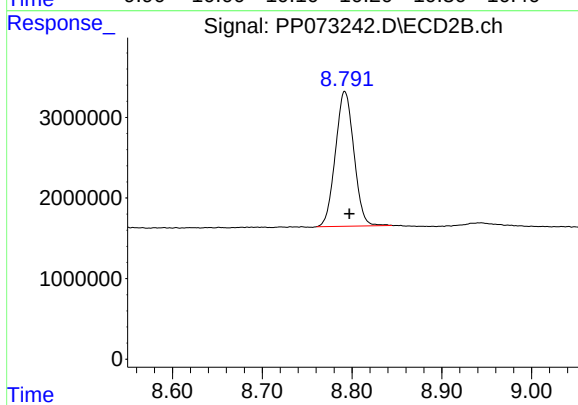
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 34316265
Conc: 19.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.184 min
Delta R.T.: -0.003 min
Response: 30884671
Conc: 18.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.005 min
Response: 23977209
Conc: 17.96 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	PARK AVE -3	SDG No.:	Q2393
Lab Sample ID:	Q2393-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073243.D	1	06/25/25 08:45	06/25/25 14:53	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.6	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.6	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.6	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.6	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.6	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.6	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		32 - 144	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		32 - 175	87%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 14:53
 Operator : YP\AJ
 Sample : Q2393-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PARK AVE -3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 15:48:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

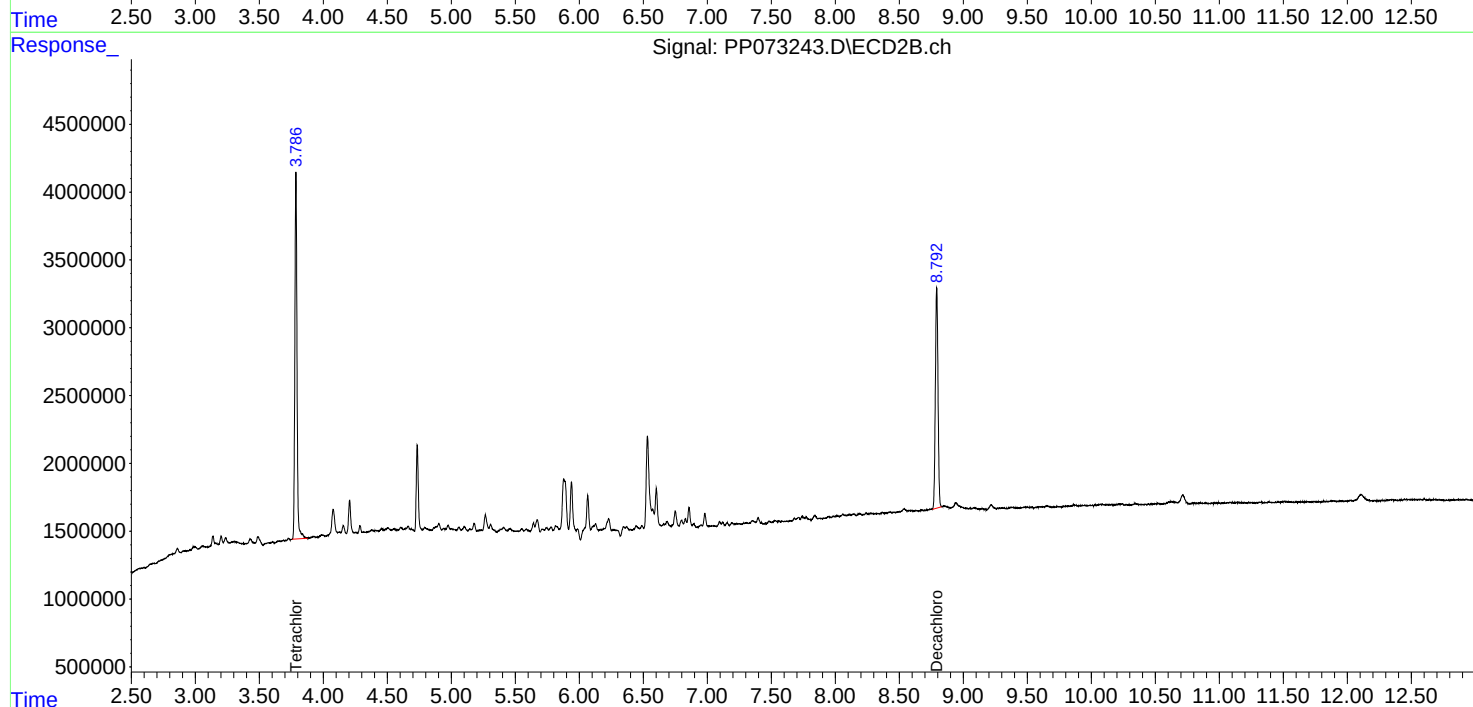
System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	35923787	31603142	17.019	17.540
2) SA Decachlor...	10.182	8.792	26986535	23209348	15.792	17.389

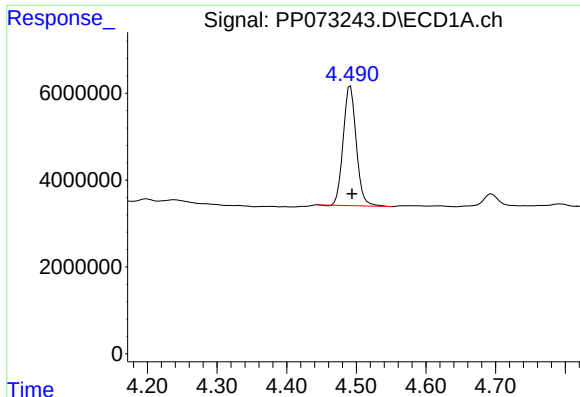
Target Compounds

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

Instrument :
ECD_P
ClientSampleId :
PARK AVE -3

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

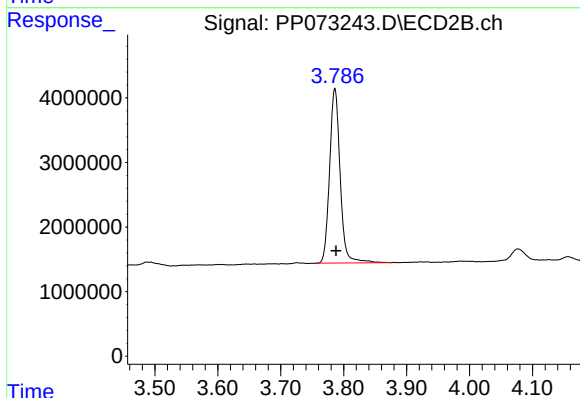




#1 Tetrachloro-m-xylene

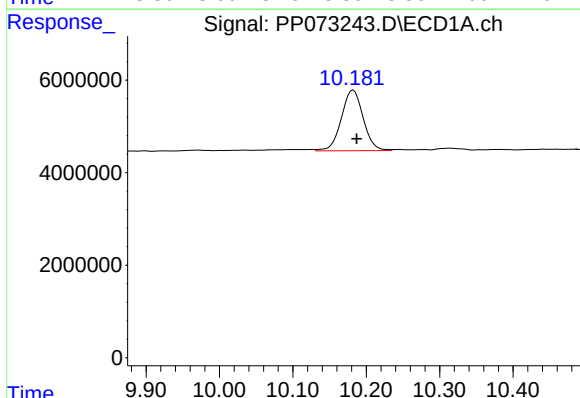
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 35923787
Conc: 17.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
PARK AVE -3



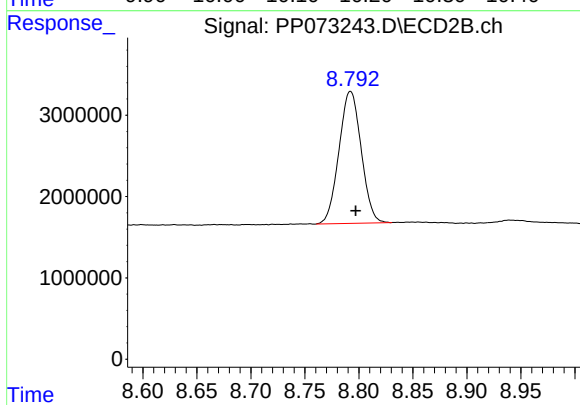
#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 31603142
Conc: 17.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.182 min
Delta R.T.: -0.005 min
Response: 26986535
Conc: 15.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.005 min
Response: 23209348
Conc: 17.39 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	PARK AVE -4	SDG No.:	Q2393
Lab Sample ID:	Q2393-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073244.D	1	06/25/25 08:45	06/25/25 15:09	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.0		32 - 175	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 15:09
Operator : YP\AJ
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PARK AVE -4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 15:49:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.785	38817977	31580368	18.390	17.527
2) SA Decachlor...	10.180	8.792	27396163	22672599	16.032	16.987

Target Compounds

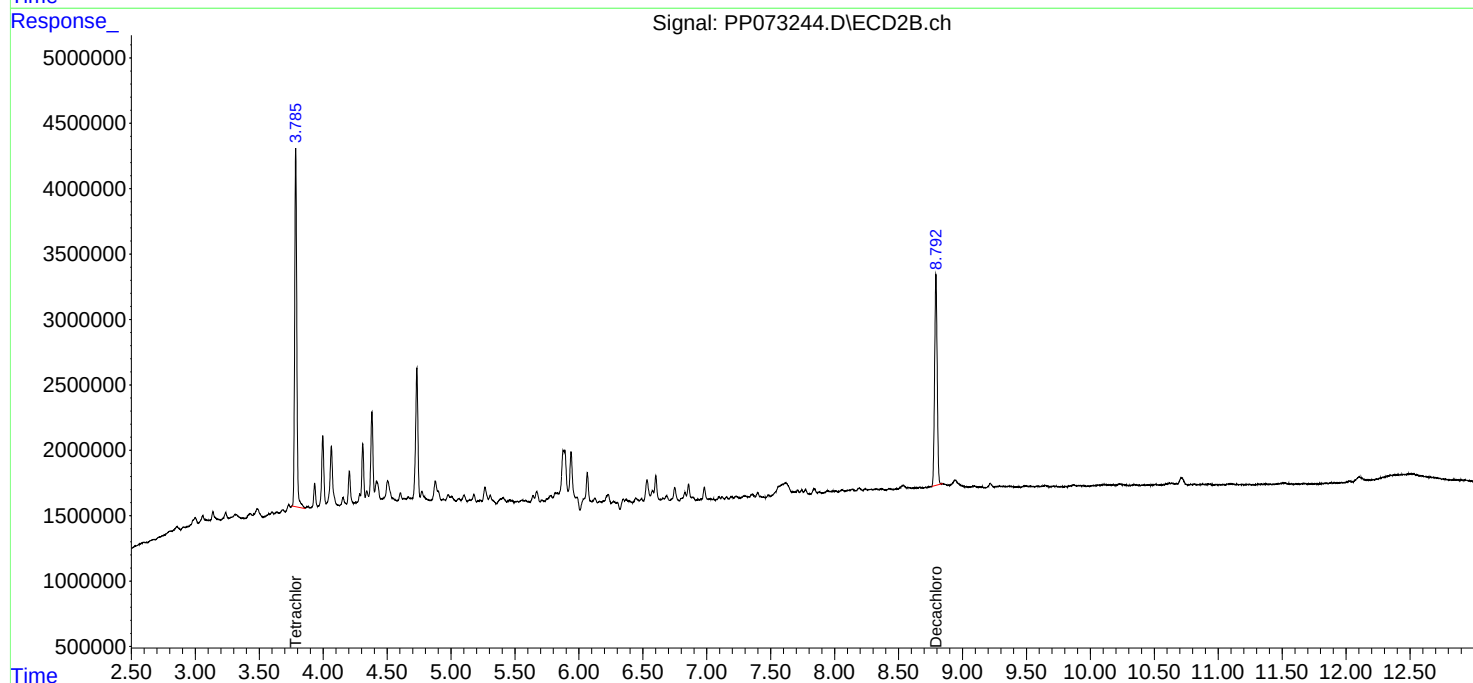
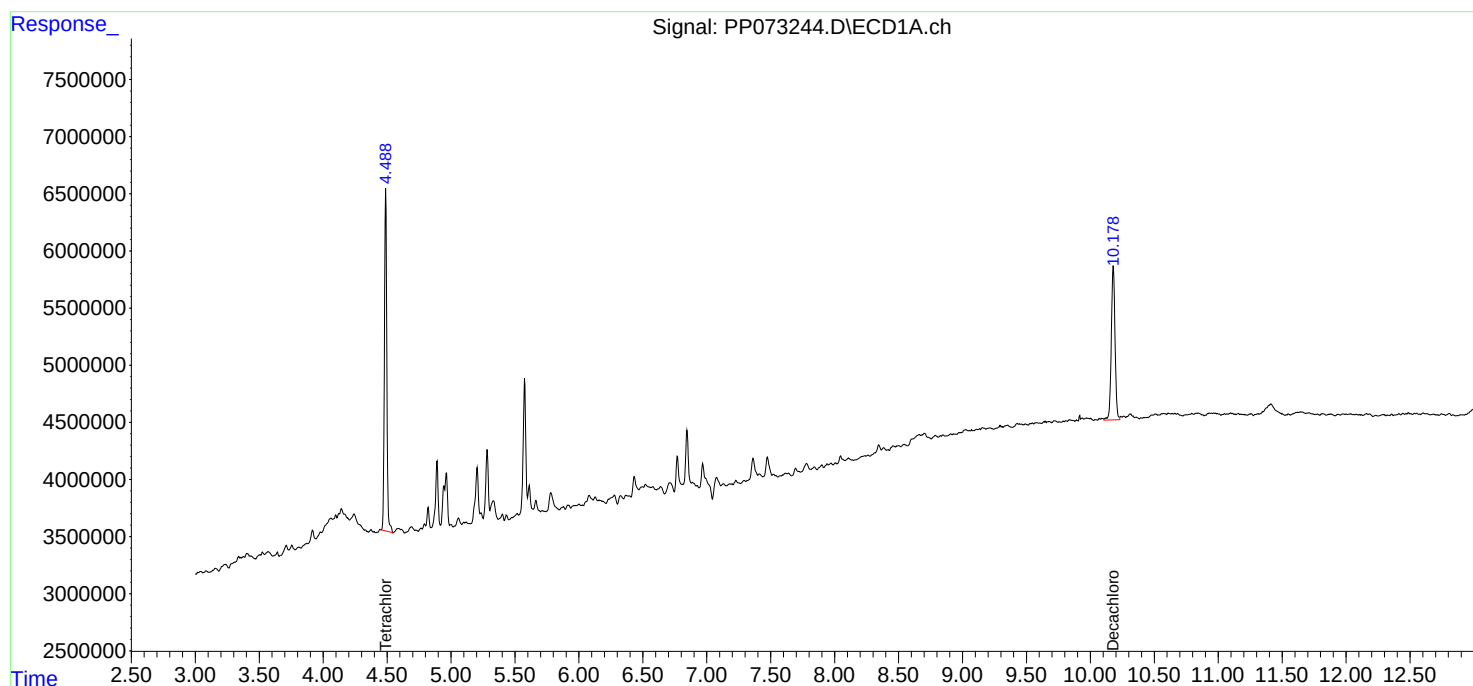
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

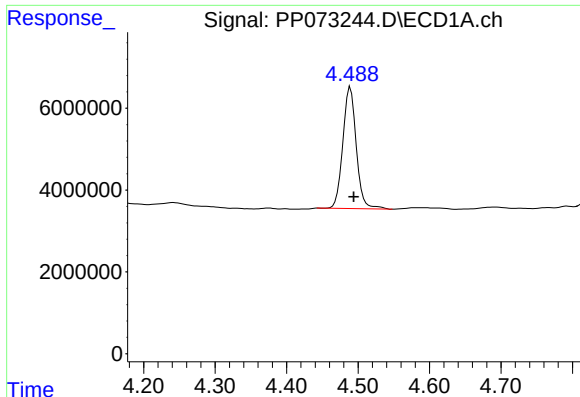
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 15:09
Operator : YP\AJ
Sample : Q2393-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PARK AVE -4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 15:49:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

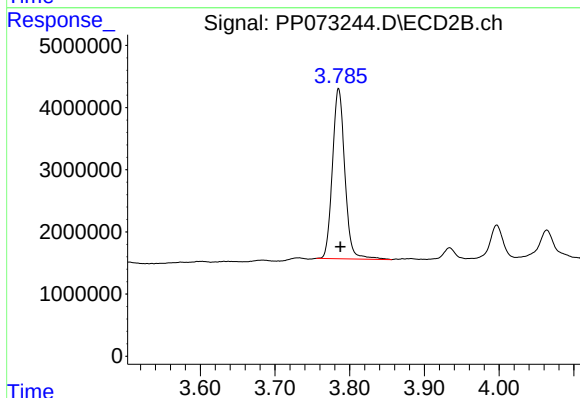




#1 Tetrachloro-m-xylene

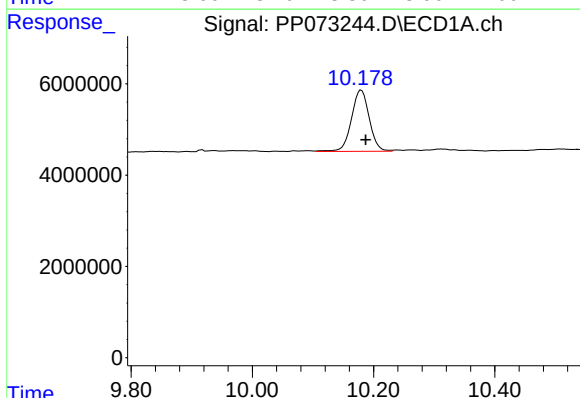
R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 38817977
Conc: 18.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
PARK AVE -4



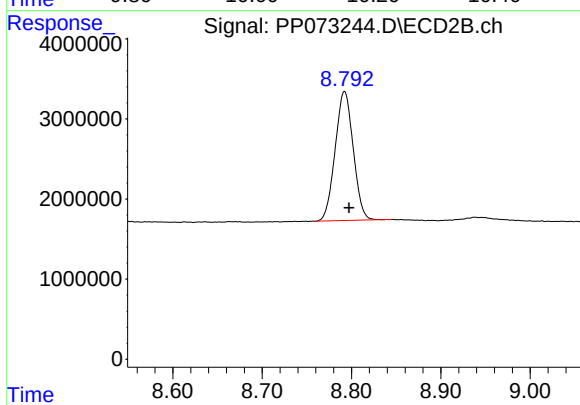
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 31580368
Conc: 17.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.007 min
Response: 27396163
Conc: 16.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.005 min
Response: 22672599
Conc: 16.99 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	PARK AVE -5	SDG No.:	Q2393
Lab Sample ID:	Q2393-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073250.D	1	06/25/25 08:45	06/25/25 17:21	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.6	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.6	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.6	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.6	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		32 - 175	77%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 17:21
Operator : YP\AJ
Sample : Q2393-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PARK AVE -5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:50:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.786	36554946	31061981	17.318	17.239
2) SA Decachlor...	10.184	8.793	24621086	20607700	14.408	15.440

Target Compounds

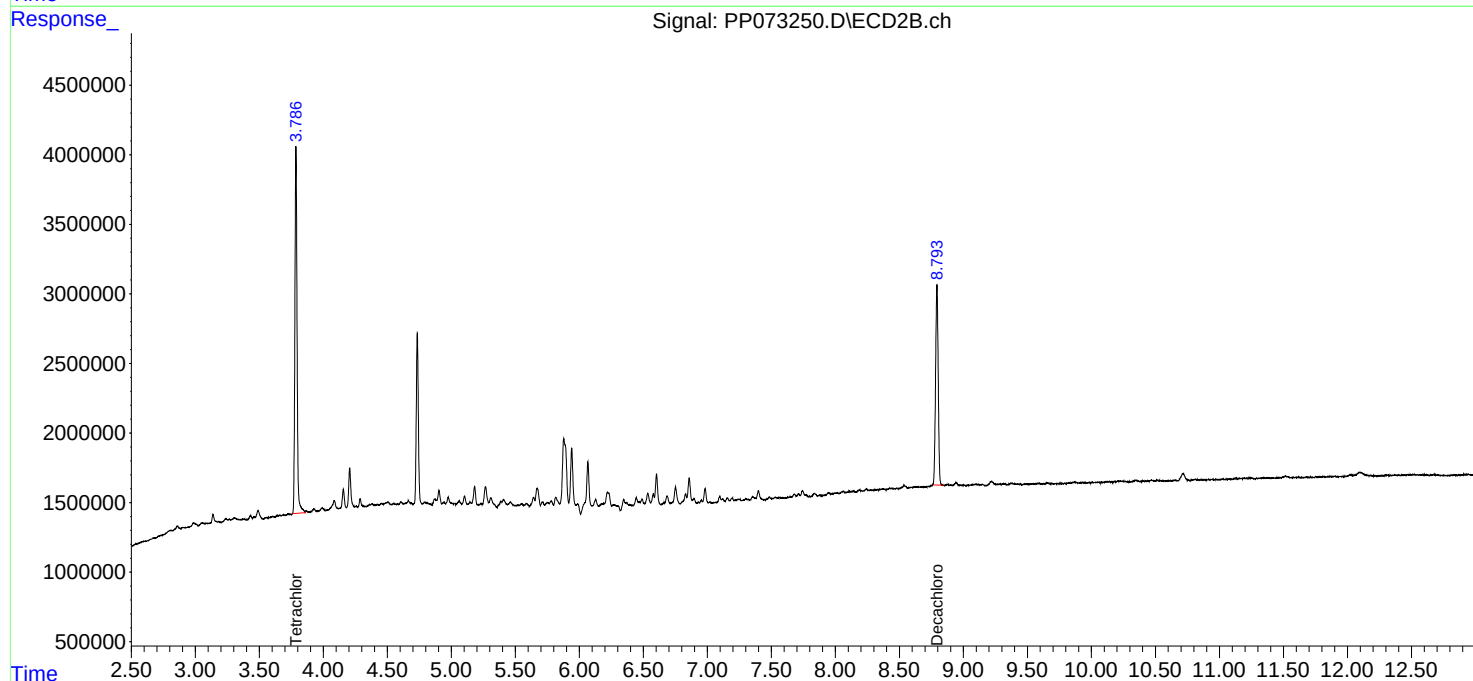
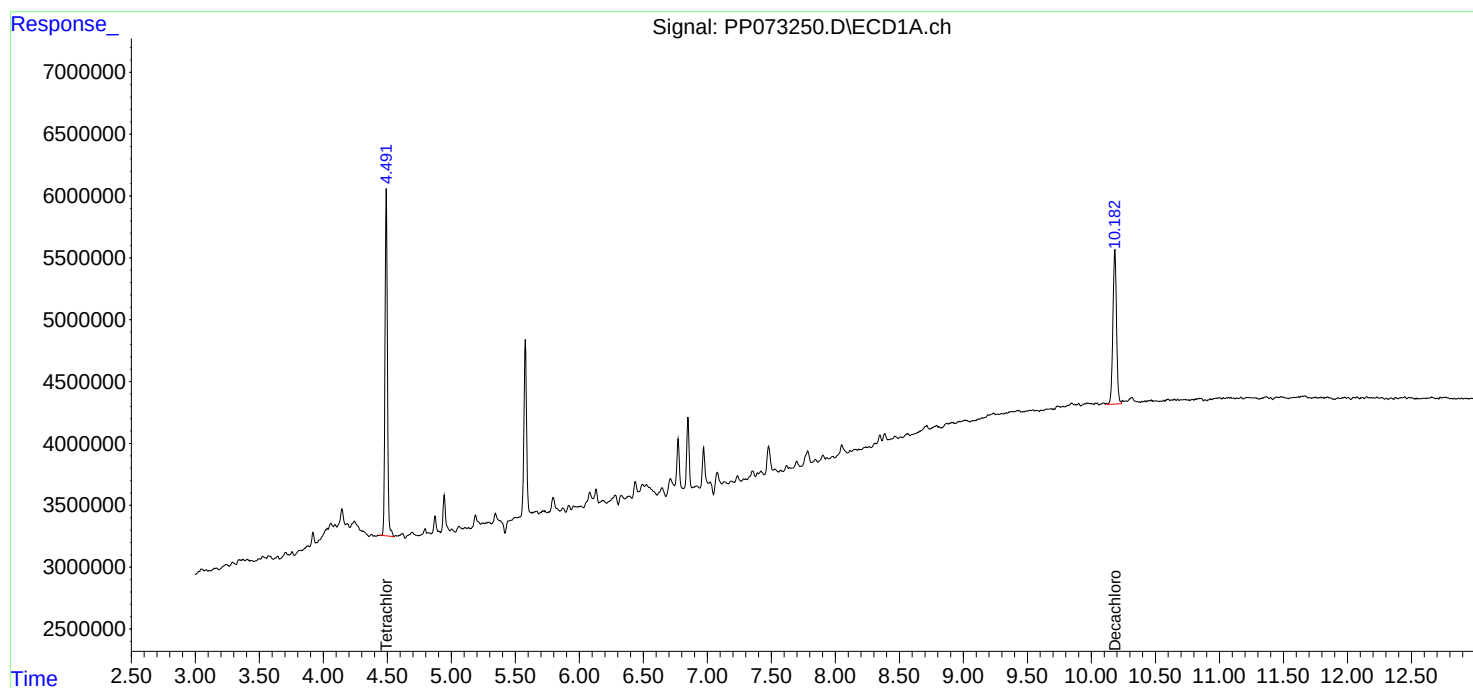
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 17:21
Operator : YP\AJ
Sample : Q2393-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

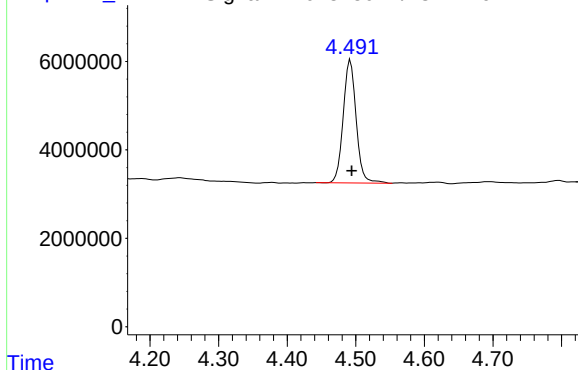
Instrument :
ECD_P
ClientSampleId :
PARK AVE -5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:50:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP073250.D\ECD1A.ch

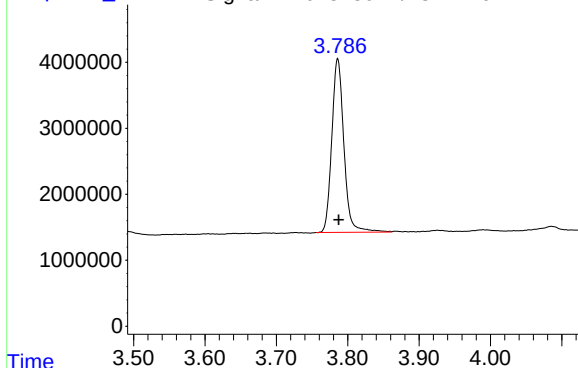


#1 Tetrachloro-m-xylene

R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 36554946
Conc: 17.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PARK AVE -5

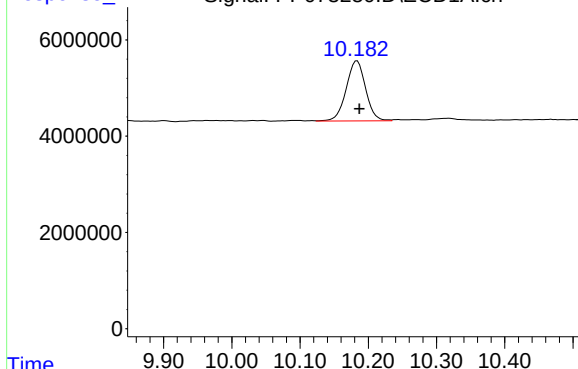
Response_ Signal: PP073250.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 31061981
Conc: 17.24 ng/ml

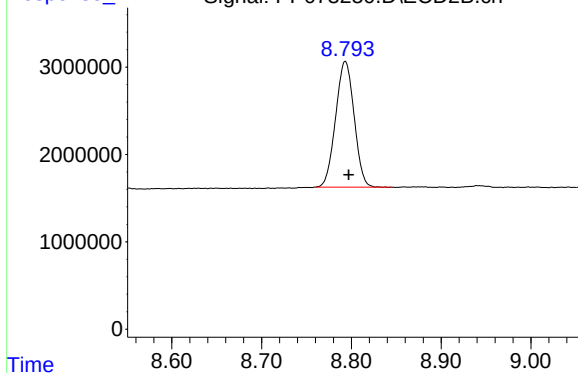
Response_ Signal: PP073250.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.184 min
Delta R.T.: -0.003 min
Response: 24621086
Conc: 14.41 ng/ml

Response_ Signal: PP073250.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.793 min
Delta R.T.: -0.004 min
Response: 20607700
Conc: 15.44 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	PARK AVE -6	SDG No.:	Q2393
Lab Sample ID:	Q2393-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073251.D	1	06/25/25 08:45	06/25/25 17:37	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	19.5	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.5	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.5	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.5	ug/kg
12672-29-6	Aroclor-1248	6.80	U	6.80	19.5	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.5	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	19.5	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.5	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.8		32 - 144	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.2		32 - 175	76%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 17:37
Operator : YP\AJ
Sample : Q2393-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PARK AVE -6

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:50:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

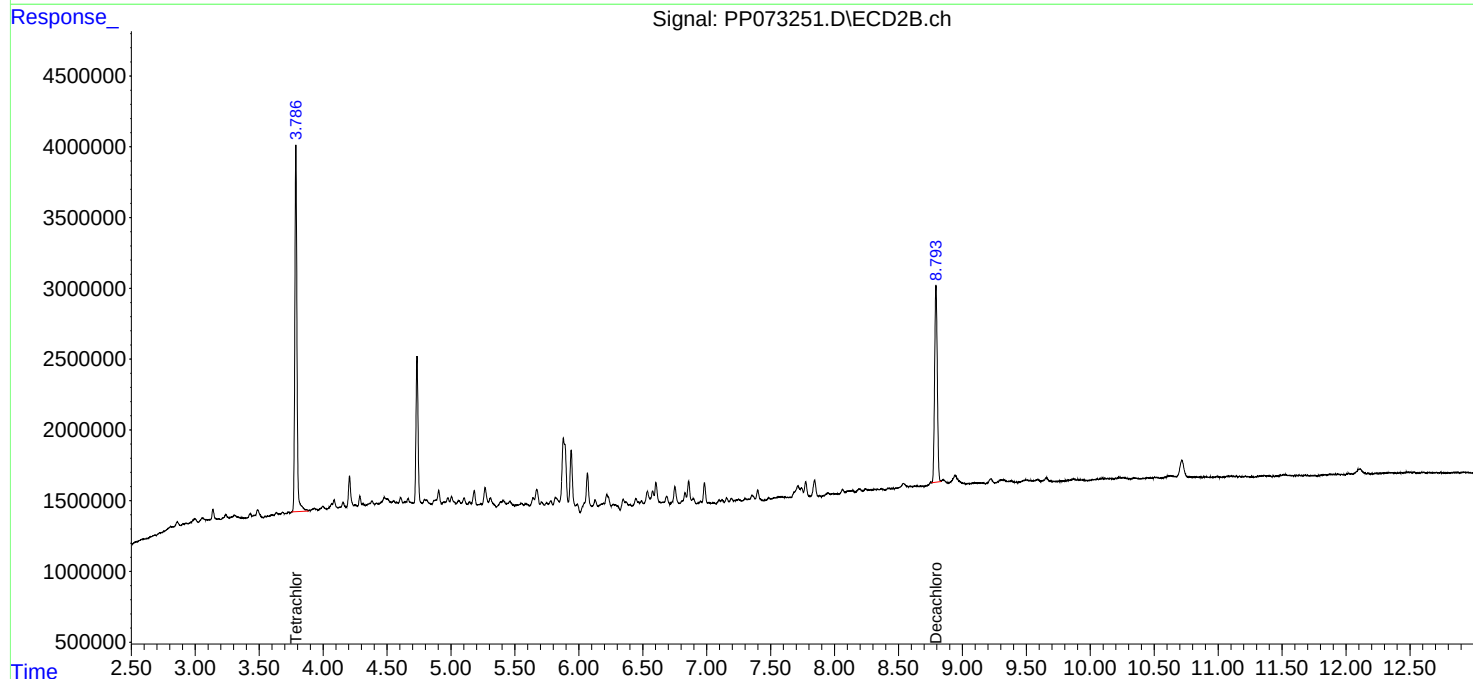
System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	35474635	29972376	16.806	16.635
2) SA Decachlor...	10.183	8.793	24750916	20320024	14.484	15.224

Target Compounds

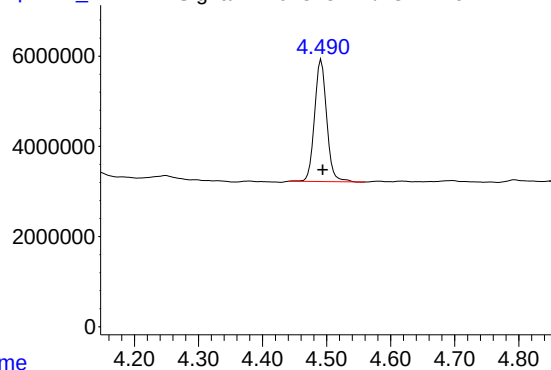
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_P
ClientSampleId :
PARK AVE -6

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP073251.D\ECD1A.ch

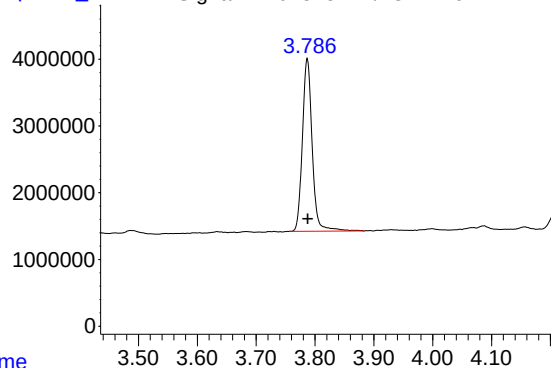


#1 Tetrachloro-m-xylene

R.T.: 4.492 min
Delta R.T.: -0.002 min
Response: 35474635
Conc: 16.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
PARK AVE -6

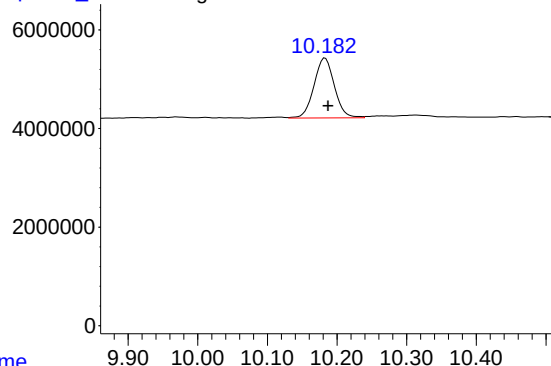
Time Response_ Signal: PP073251.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 29972376
Conc: 16.63 ng/ml

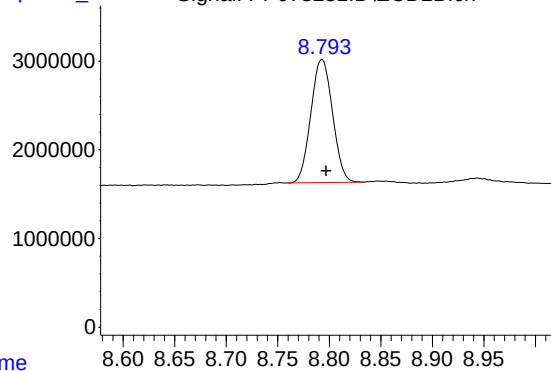
Time Response_ Signal: PP073251.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.183 min
Delta R.T.: -0.004 min
Response: 24750916
Conc: 14.48 ng/ml

Time Response_ Signal: PP073251.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.793 min
Delta R.T.: -0.004 min
Response: 20320024
Conc: 15.22 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	<u>UNIO02</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2393</u>	SAS No.:	<u>Q2393</u>	SDG NO.:	<u>Q2393</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):		<u>06/17/2025</u>	<u>06/17/2025</u>		
		Calibration Times:		<u>10:04</u>	<u>20:10</u>		

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:	RT 1000 =	<u>PP072991.D</u>	RT 750 =	<u>PP072992.D</u>
RT 500 =	PP072993.D	RT 250 =	PP072994.D	RT 050 = PP072995.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.19	10.18	10.18	10.19	10.18	10.19	10.09	10.29
Tetrachloro-m-xylene	4.49	4.49	4.49	4.50	4.49	4.49	4.39	4.59

GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: UNIO02
Lab Code: CHEM **Case No.:** Q2393 **SAS No.:** Q2393 **SDG NO.:** Q2393
Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025
Calibration Times: 10:04 20:10

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP072991.D</u>		CF 750 = <u>PP072992.D</u>			
CF 500 = <u>PP072993.D</u>		CF 250 = <u>PP072994.D</u>		CF 050 = <u>PP072995.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	63671603	67644257	70148492	76963128	84930220	12
Aroclor-1016-2	(2)	97440661	102354848	107008936	114458460	98840440	7
Aroclor-1016-3	(3)	59983524	63267185	65041372	73554480	64895380	8
Aroclor-1016-4	(4)	50589003	52912481	54400336	56287652	47214800	7
Aroclor-1016-5	(5)	46240143	47840919	49349310	51433860	55161280	7
Aroclor-1260-1	(1)	82538787	86792979	90284630	94211564	87238820	5
Aroclor-1260-2	(2)	125600539	132072107	137363486	143645412	140737120	5
Aroclor-1260-3	(3)	106201830	111185451	115341698	120182220	117849880	5
Aroclor-1260-4	(4)	98670506	102821608	101520658	108282220	103932620	3
Aroclor-1260-5	(5)	227637841	236485680	245198018	255372264	238418920	4
Decachlorobiphenyl		1620648950	1677444467	1749703060	1784234960	1712434400	4
Tetrachloro-m-xylene		1977356170	2059482187	2109826840	2243117400	2164249200	5
Aroclor-1242-1	(1)	54005130	54512615	57421654	60290804	65956000	8
Aroclor-1242-2	(2)	81931377	79616400	88109514	98852440	84261940	9
Aroclor-1242-3	(3)	50398728	48446856	53645312	57446220	53601300	7
Aroclor-1242-4	(4)	42240385	41710237	44319270	46660108	44861080	5
Aroclor-1242-5	(5)	45003164	45972225	47192024	56790384	52840600	10
Decachlorobiphenyl		1612495640	1627929573	1725341220	1814607120	1610121000	5
Tetrachloro-m-xylene		1888746510	1833283947	1976454780	2024098800	2031619200	4
Aroclor-1248-1	(1)	41858490	44170731	45862520	49041552	56908940	12
Aroclor-1248-2	(2)	55380415	58022209	55617524	59041032	64693660	6
Aroclor-1248-3	(3)	63266998	66239924	62737624	66758520	67243400	3
Aroclor-1248-4	(4)	77728954	82015129	82895984	86036548	96645880	8
Aroclor-1248-5	(5)	75041779	78134308	81070348	82544344	101675060	12
Decachlorobiphenyl		1620420410	1689508547	1707113880	1772211040	1987340600	8
Tetrachloro-m-xylene		1885218090	1960849747	1904121260	1960400040	2044577000	3
Aroclor-1254-1	(1)	73763285	78885443	81757104	88891384	97572240	11
Aroclor-1254-2	(2)	111451506	118674340	123357828	133620984	139899720	9
Aroclor-1254-3	(3)	119235877	126285657	130365552	141133040	139034740	7
Aroclor-1254-4	(4)	108754762	114515340	117946542	128101128	129602040	7
Aroclor-1254-5	(5)	106940669	112254864	115991910	123909512	112185340	6
Decachlorobiphenyl		1648218000	1739306053	1775656020	1935470960	1659491600	7
Tetrachloro-m-xylene		1872735760	1960277133	2019595300	2159825040	2074265000	5
Aroclor-1268-1	(1)	342609292	345928729	355896714	398597476	345083220	7



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	290418323	293649853	302966618	340918088	297353440	305061264	7
Aroclor-1268-3	(3)	249992898	253511760	262173960	295232256	266657480	265513671	7
Aroclor-1268-4	(4)	114648839	115165531	118059850	128871696	108376940	117024571	6
Aroclor-1268-5	(5)	713831298	735909031	738672980	819932440	689883900	739645930	7
Decachlorobiphenyl		3002859930	3106573307	3204862440	3588507520	3062996400	3193159919	7
Tetrachloro-m-xylene		1965399560	2013897333	2066727860	2334276840	2005844200	2077229159	7

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: UNIO02
Lab Code: CHEM **Case No.:** Q2393 **SAS No.:** Q2393 **SDG NO.:** Q2393
Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025
Calibration Times: 10:04 20:10

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP072991.D</u>		CF 750 = <u>PP072992.D</u>			
CF 500 = <u>PP072993.D</u>		CF 250 = <u>PP072994.D</u>		CF 050 = <u>PP072995.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	58734267	64000205	67674152	72695560	80484240	12
Aroclor-1016-2	(2)	90382349	94344453	98038690	104433472	115993580	10
Aroclor-1016-3	(3)	48136215	50748025	53595712	56975444	64125620	11
Aroclor-1016-4	(4)	38107893	40907291	43245840	46954372	53532680	13
Aroclor-1016-5	(5)	49203503	51615780	54910048	58505108	62177080	9
Aroclor-1260-1	(1)	84892100	88579871	95448406	100236824	104495860	9
Aroclor-1260-2	(2)	105588352	108160505	115763440	121715240	130953840	9
Aroclor-1260-3	(3)	96095206	97763095	104346708	109521728	113078520	7
Aroclor-1260-4	(4)	77788306	79915727	86740682	92092068	102155800	11
Aroclor-1260-5	(5)	196041650	198840268	209548214	218270728	244301260	9
Decachlorobiphenyl		1225771100	1248497173	1342901640	1435827000	1420581600	7
Tetrachloro-m-xylene		1662896120	1767446653	1788437460	1893713440	1896490200	5
Aroclor-1242-1	(1)	50070930	49549424	54443442	59214632	62816600	10
Aroclor-1242-2	(2)	73623300	71492977	79469612	84317900	88528280	9
Aroclor-1242-3	(3)	39446084	38282884	42982138	46709656	49104180	11
Aroclor-1242-4	(4)	37721961	36558999	41186366	44840456	47211420	11
Aroclor-1242-5	(5)	49158591	46923105	52837542	55505240	58508140	9
Decachlorobiphenyl		1205418560	1226140693	1281128260	1336855440	1341504000	5
Tetrachloro-m-xylene		1683517200	1544398853	1783586240	1693726480	1780668000	6
Aroclor-1248-1	(1)	39929038	42320627	40002718	45282436	50417100	10
Aroclor-1248-2	(2)	53044396	57410791	53304096	60483108	68735640	11
Aroclor-1248-3	(3)	55822275	59851821	54787908	62834628	69424220	10
Aroclor-1248-4	(4)	64712793	69142612	62749900	72698224	80808780	10
Aroclor-1248-5	(5)	65436447	68813545	68635516	72459776	79814180	8
Decachlorobiphenyl		1226985710	1250965200	1294060880	1349363760	1435080400	6
Tetrachloro-m-xylene		1707872610	1775213400	1595172200	1742416320	1838339400	5
Aroclor-1254-1	(1)	94131500	102369100	108358230	120483728	122907600	11
Aroclor-1254-2	(2)	80645865	88030495	92596756	103733056	107725280	12
Aroclor-1254-3	(3)	128776319	138178049	147317104	161124892	162339800	10
Aroclor-1254-4	(4)	83562949	90268741	96675708	106896836	108101020	11
Aroclor-1254-5	(5)	116424396	122854644	129598642	142067368	138868340	8
Decachlorobiphenyl		1234350420	1314370427	1354328000	1438665160	1427909200	6
Tetrachloro-m-xylene		1670033590	1775346533	1836392320	1937020080	1788575000	5
Aroclor-1268-1	(1)	263809069	277704169	280800266	313024424	300977600	7



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	236468443	251452185	251704404	280300416	265662900	257117670	6
Aroclor-1268-3	(3)	197435098	210533244	211556648	231588560	228588480	215940406	7
Aroclor-1268-4	(4)	83966367	90997261	93004838	103484904	99474300	94185534	8
Aroclor-1268-5	(5)	544182935	572449871	587387342	623593632	566405340	578803824	5
Decachlorobiphenyl		2216214780	2314031280	2438938620	2677731000	2452104000	2419803936	7
Tetrachloro-m-xylene		1798342890	1816167067	1835922080	2018457320	1810038400	1855785551	5



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Instrument ID: ECD_P Date(s) Analyzed: 06/17/2025 06/17/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.69	4.59	4.79	24659200
		2	4.78	4.68	4.88	20179000
		3	4.85	4.75	4.95	61551400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.86	4.76	4.96	46956200
		2	5.38	5.28	5.48	22369800
		3	5.67	5.57	5.77	51597600
		4	5.83	5.73	5.93	25810400
		5	5.92	5.82	6.02	35670200
Aroclor-1262	500	1	8.07	7.97	8.17	148023000
		2	8.39	8.29	8.49	316466000
		3	8.70	8.60	8.80	213972000
		4	8.79	8.69	8.89	157593000
		5	9.44	9.34	9.54	111864000



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Instrument ID: ECD_P Date(s) Analyzed: 06/17/2025 06/17/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.00	3.90	4.10	26872400
		2	4.09	3.99	4.19	20185400
		3	4.16	4.06	4.26	58732000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.16	4.06	4.26	45564800
		2	4.89	4.79	4.99	46259800
		3	5.06	4.96	5.16	24558000
		4	5.15	5.05	5.25	21625200
		5	5.32	5.22	5.42	22858800
Aroclor-1262	500	1	6.90	6.80	7.00	144467000
		2	7.16	7.06	7.26	122231000
		3	7.68	7.58	7.78	112703000
		4	7.75	7.65	7.85	183356000
		5	8.24	8.14	8.34	86585200

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:04
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:00:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 10:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	197.7E6	166.3E6	96.759	96.363
2) SA Decachlor...	10.188	8.798	162.1E6	122.6E6	96.171	95.440
Target Compounds						
3) L1 AR-1016-1	5.645	4.869	63671603	58734267	951.600	929.278
4) L1 AR-1016-2	5.667	4.886	97440661	90382349	953.200	959.366
5) L1 AR-1016-3	5.729	5.063	59983524	48136215	959.545	946.334
6) L1 AR-1016-4	5.826	5.105	50589003	38107893	963.698	936.844
7) L1 AR-1016-5	6.119	5.319	46240143	49203503	967.474	945.189
31) L7 AR-1260-1	7.236	6.350	82538787	84892100	955.181	941.465
32) L7 AR-1260-2	7.490	6.540	125.6E6	105.6E6	955.268	954.032
33) L7 AR-1260-3	7.848	6.691	106.2E6	96095206	958.745	958.833
34) L7 AR-1260-4	8.072	7.161	98670506	77788306	985.763	945.588
35) L7 AR-1260-5	8.389	7.403	227.6E6	196.0E6	962.862	966.699

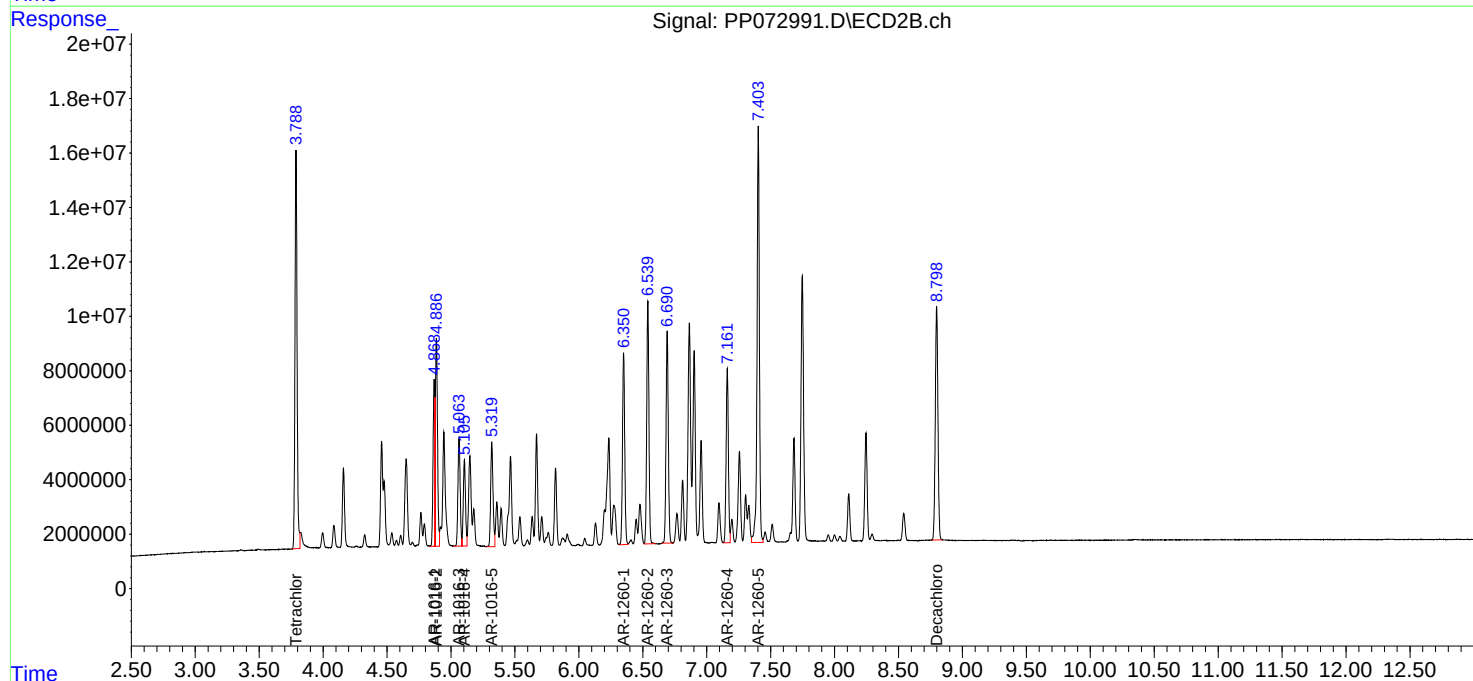
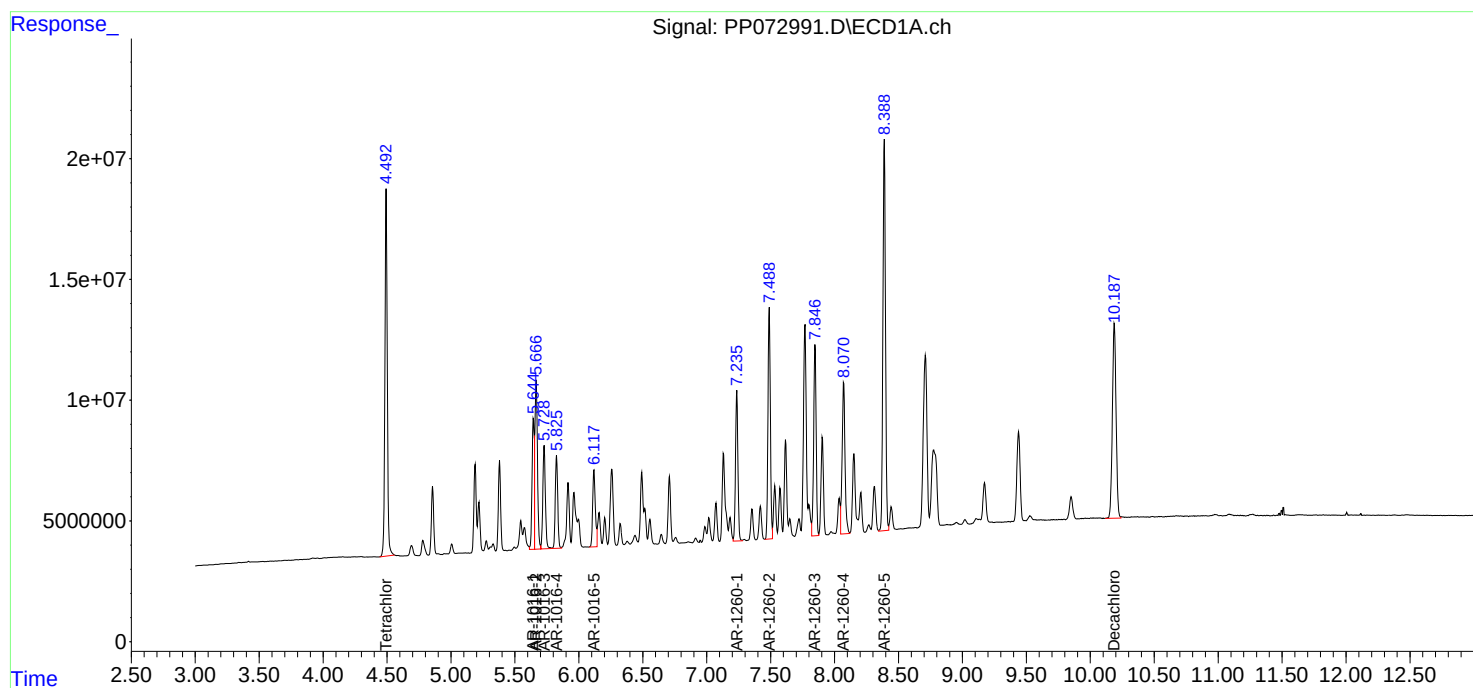
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:04
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:00:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:20
 Operator : YP\AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:02:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 10:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.788	154.5E6	132.6E6	75.388	76.201
2) SA Decachlor...	10.187	8.799	125.8E6	93637288	74.770	73.592
Target Compounds						
3) L1 AR-1016-1	5.645	4.868	50733193	48000154	755.467	756.271
4) L1 AR-1016-2	5.666	4.886	76766136	70758340	750.636	750.710
5) L1 AR-1016-3	5.728	5.063	47450389	38061019	756.013	748.840
6) L1 AR-1016-4	5.826	5.105	39684361	30680468	753.969	752.827
7) L1 AR-1016-5	6.118	5.319	35880689	38711835	750.483	745.752
31) L7 AR-1260-1	7.235	6.350	65094734	66434903	752.203	741.129
32) L7 AR-1260-2	7.489	6.539	99054080	81120379	752.241	738.549
33) L7 AR-1260-3	7.846	6.690	83389088	73322321	751.865	737.637
34) L7 AR-1260-4	8.070	7.161	77116206	59936795	763.495	735.587
35) L7 AR-1260-5	8.388	7.402	177.4E6	149.1E6	750.143	740.186

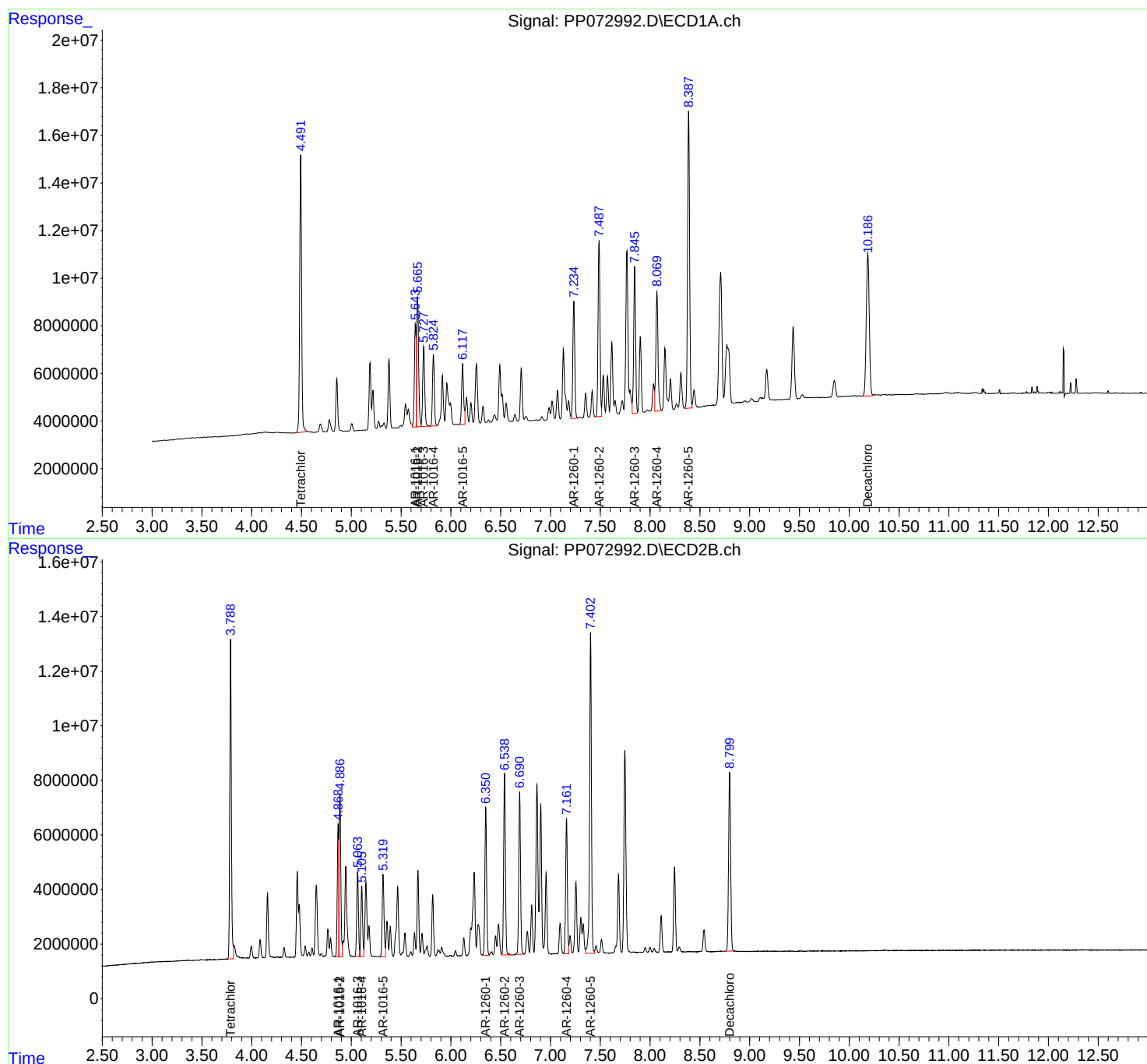
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:20
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072993.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:37
 Operator : YP\AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 10:57:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 10:53:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	105.5E6	89421873	50.000	50.000
2) SA Decachlor...	10.187	8.797	87485153	67145082	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.646	4.868	35074246	33837076	500.000	500.000
4) L1 AR-1016-2	5.667	4.886	53504468	49019345	500.000	500.000
5) L1 AR-1016-3	5.729	5.062	32520686	26797856	500.000	500.000
6) L1 AR-1016-4	5.827	5.104	27200168	21622920	500.000	500.000
7) L1 AR-1016-5	6.119	5.318	24674655	27455024	500.000	500.000
31) L7 AR-1260-1	7.236	6.349	45142315	47724203	500.000	500.000
32) L7 AR-1260-2	7.489	6.538	68681743	57881720	500.000	500.000
33) L7 AR-1260-3	7.847	6.689	57670849	52173354	500.000	500.000
34) L7 AR-1260-4	8.071	7.160	50760329	43370341	500.000	500.000
35) L7 AR-1260-5	8.388	7.402	122.6E6	104.8E6	500.000	500.000

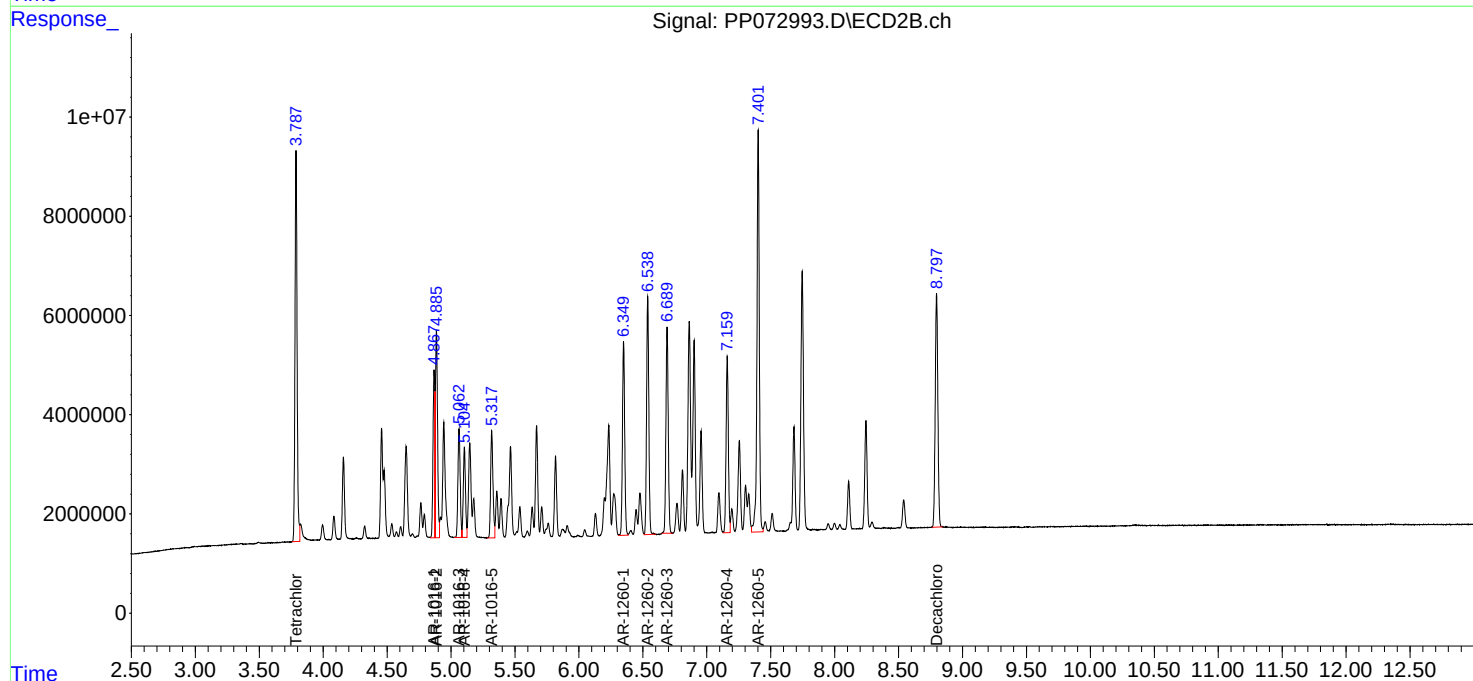
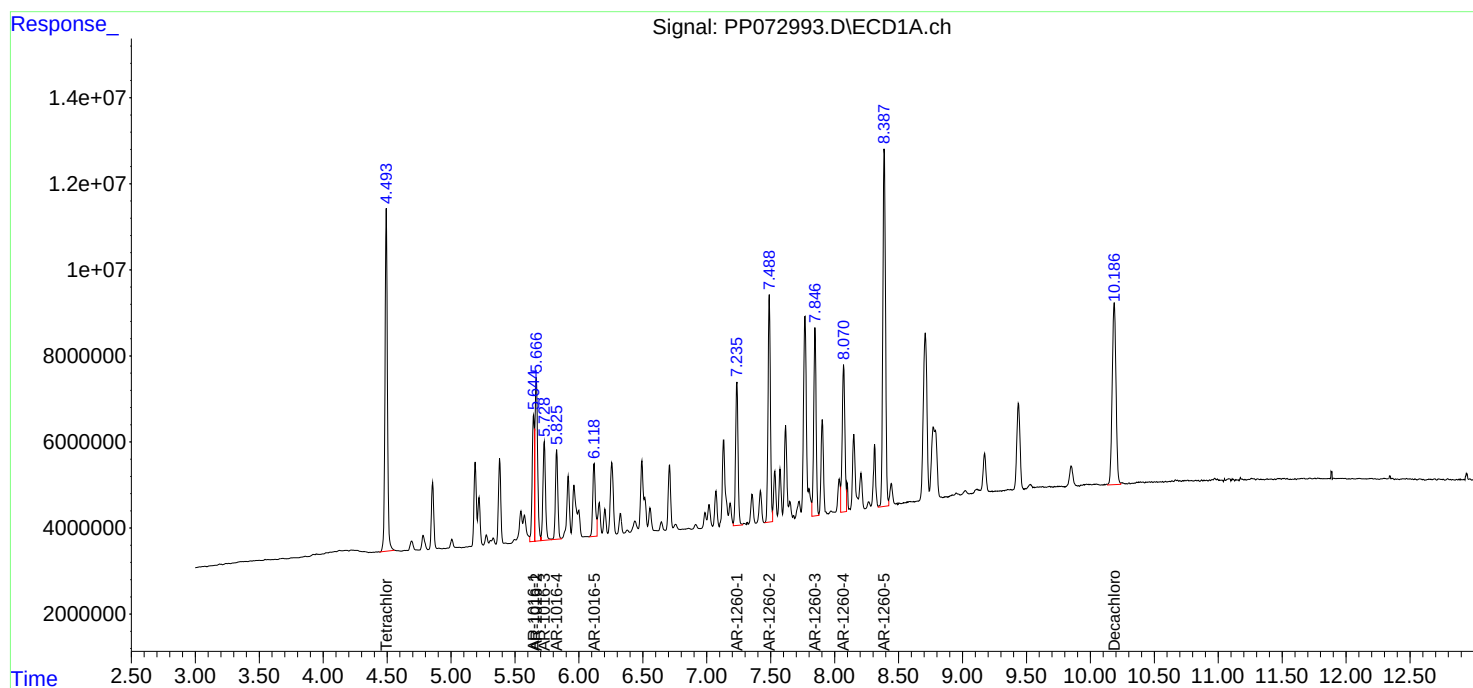
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:37
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 10:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 10:53
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:20:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 11:20:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.494	3.789	56077935	47342836	26.736	26.625
2)	SA Decachlor...	10.186	8.799	44605874	35895675	26.136m	27.333
Target Compounds							
3)	L1 AR-1016-1	5.646	4.869	19240782	18173890	276.421	276.300
4)	L1 AR-1016-2	5.667	4.887	28614615	26108368	271.703	269.715
5)	L1 AR-1016-3	5.730	5.064	18388620	14243861	280.907	272.017
6)	L1 AR-1016-4	5.827	5.106	14071913	11738593	262.794	277.483
7)	L1 AR-1016-5	6.119	5.320	12858465	14626277	263.947	273.089
31)	L7 AR-1260-1	7.236	6.350	23552891	25059206	266.264	271.529
32)	L7 AR-1260-2	7.489	6.540	35911353	30428810	266.661	269.742
33)	L7 AR-1260-3	7.847	6.691	30045555	27380432	265.355	268.616
34)	L7 AR-1260-4	8.071	7.161	27070555	23023017	263.271	273.646
35)	L7 AR-1260-5	8.389	7.403	63843066	54567682	264.718	265.310

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:53
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

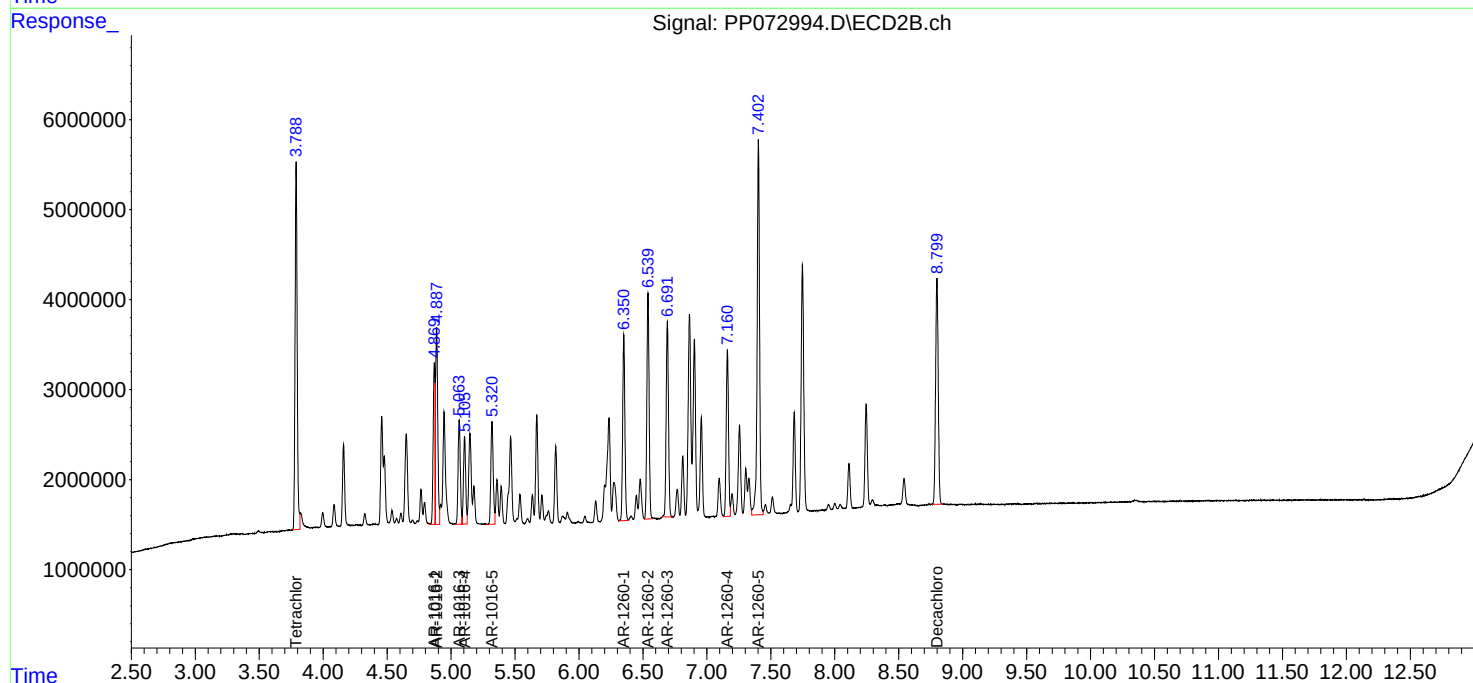
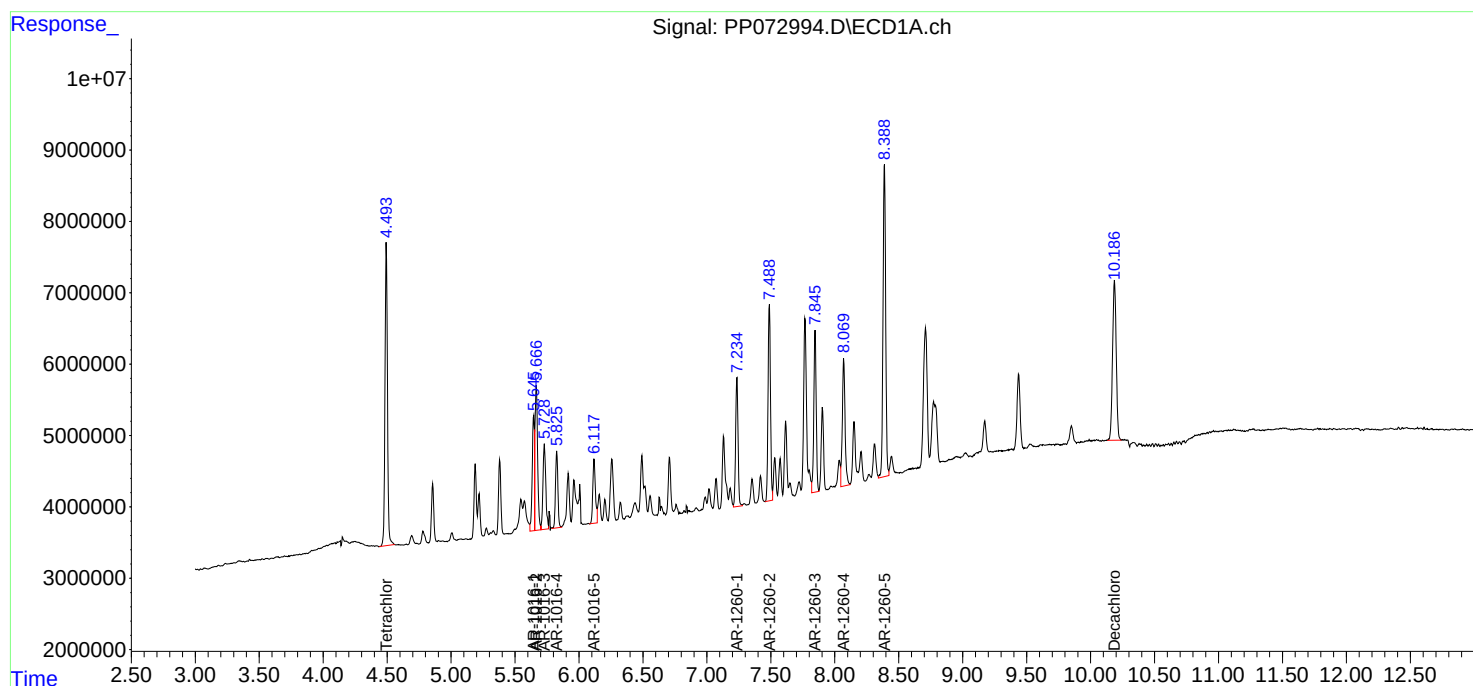
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:20:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:20:50 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072995.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 11:43
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 11:56:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 11:56:03 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.495	3.788	10821246	9482451	5.127	5.263
2) SA Decachlor...	10.189	8.798	8562172	7102908	5.010	5.322
Target Compounds						
3) L1 AR-1016-1	5.645	4.868	4246511	4024212	62.151m	58.562
4) L1 AR-1016-2	5.666	4.886	4942022	5799679	47.639m	57.629
5) L1 AR-1016-3	5.728	5.063	3244769	3206281	50.121m	58.598
6) L1 AR-1016-4	5.826	5.104	2360740	2676634	43.583m	60.082 #
7) L1 AR-1016-5	6.115	5.318	2758064	3108854	54.566m	56.236
31) L7 AR-1260-1	7.237	6.349	4361941	5224793	49.448	55.154
32) L7 AR-1260-2	7.490	6.539	7036856	6547692	51.786	56.234
33) L7 AR-1260-3	7.848	6.690	5892494	5653926	51.620	54.281
34) L7 AR-1260-4	8.072	7.160	5196631	5107790	50.430	58.216
35) L7 AR-1260-5	8.390	7.403	11920946	12215063	49.542	57.240

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 11:43
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

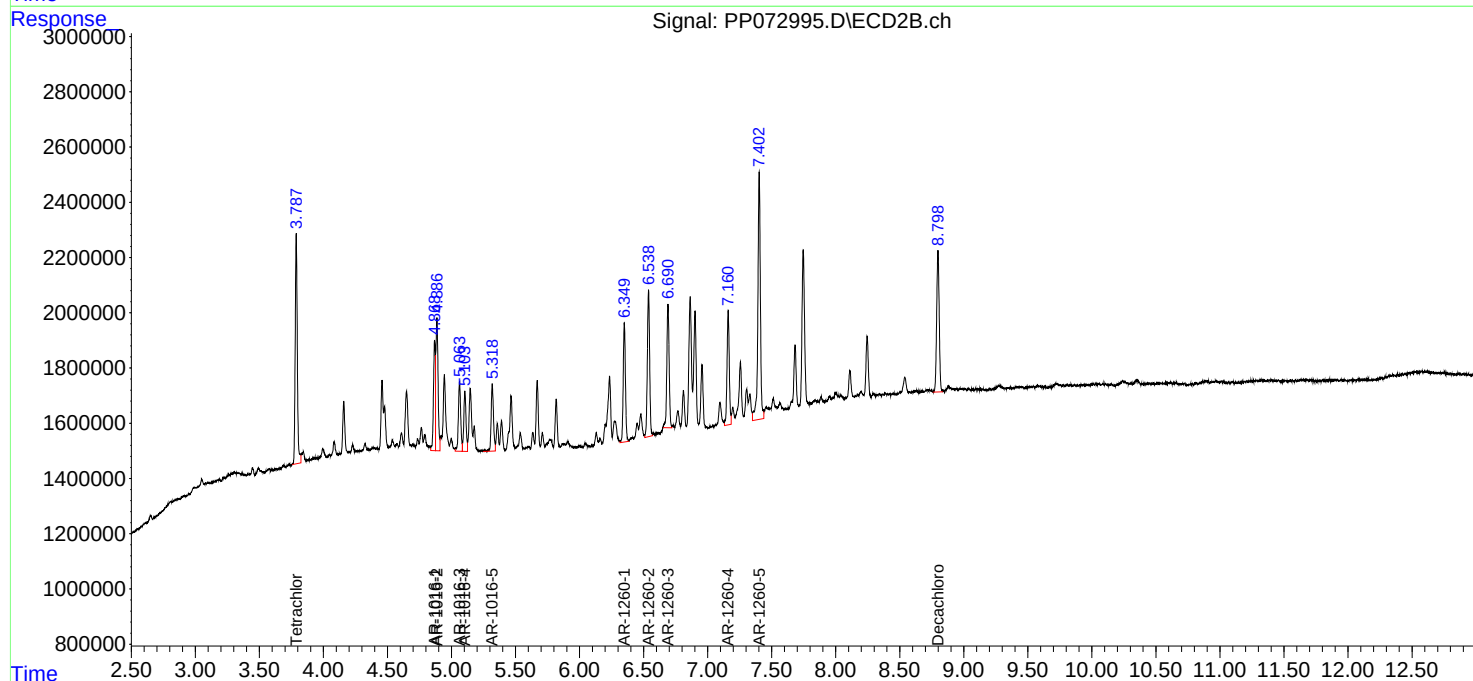
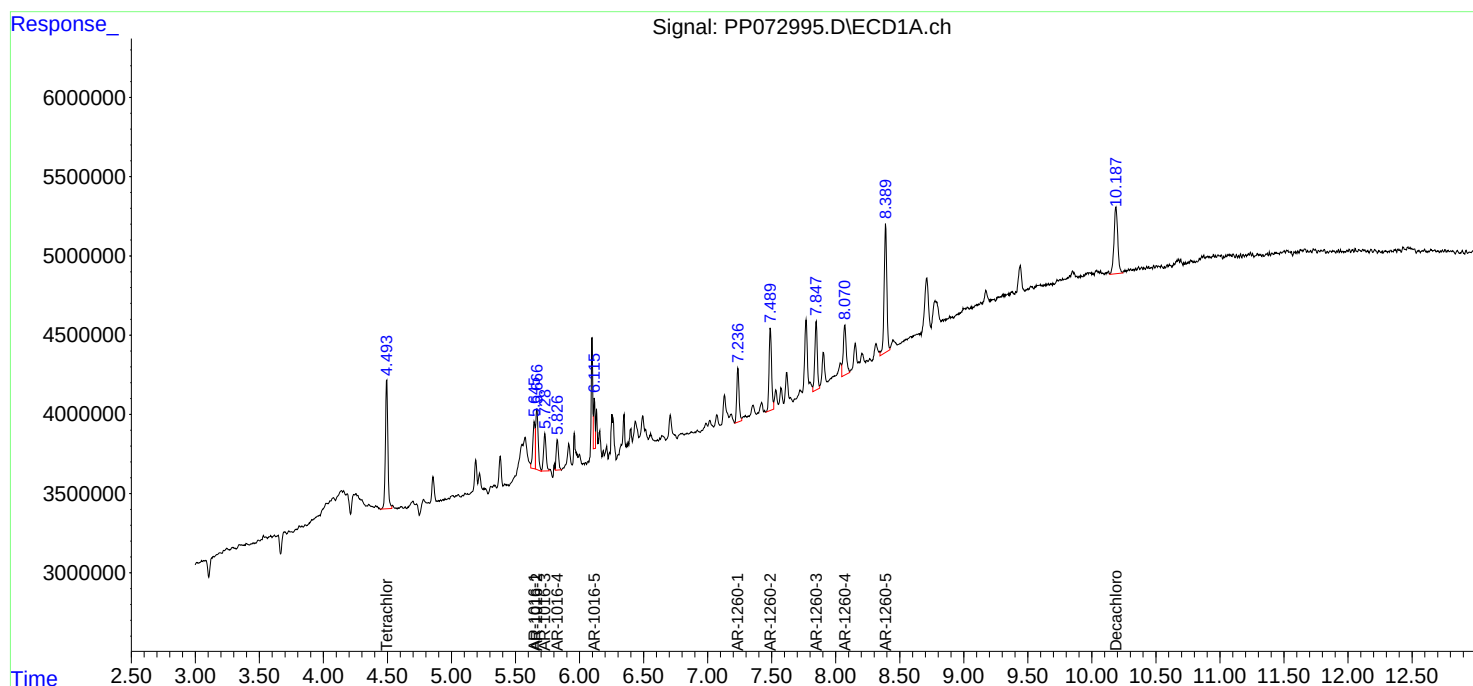
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:56:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:56:03 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 12:00
 Operator : YP\AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 12:10:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 12:10:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.789	105.4E6	89112454	50.000	50.000
2) SA Decachlor...	10.184	8.799	91904027	64667778	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.693	3.998	12329631	13436222	500.000	500.000
9) L2 AR-1221-2	4.779	4.085	10089531	10092717	500.000	500.000
10) L2 AR-1221-3	4.854	4.160	30775714	29365987	500.000	500.000

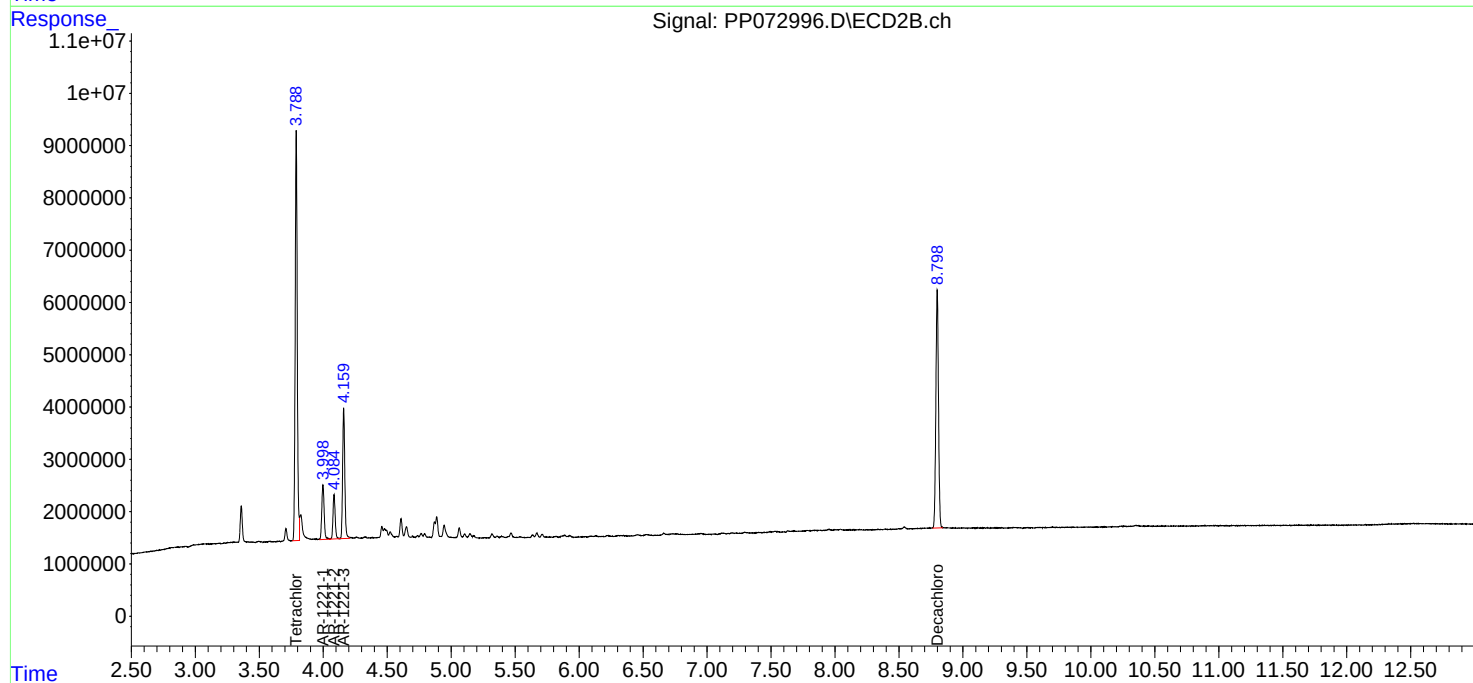
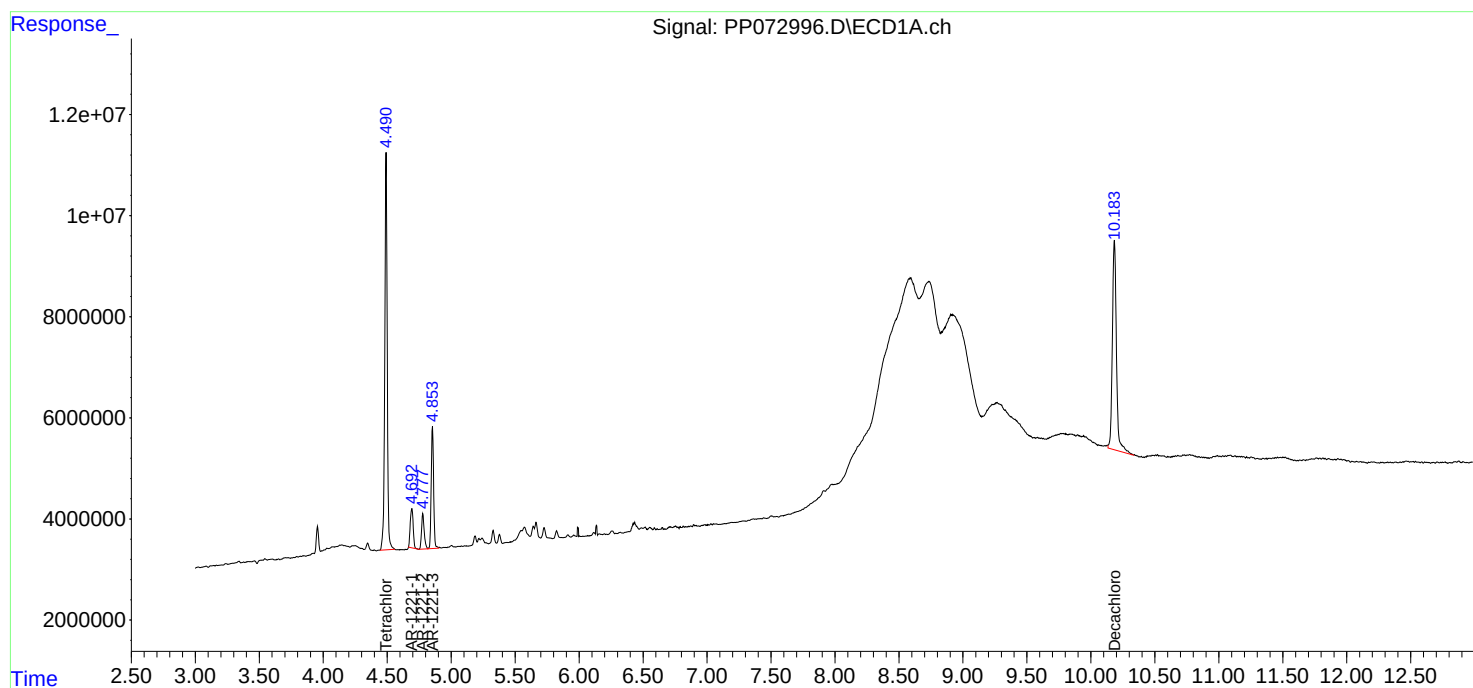
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:00
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 12:10:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 12:10:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072997.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 12:16
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 07:24:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 07:18:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.496	3.788	101.1E6	83983615	50.000	50.000
2) SA Decachlor...	10.190	8.799	85193704	65915026	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.859	4.159	23478120	22782362	500.000	500.000
12) L3 AR-1232-2	5.383	4.886	11184939	23129931	500.000	500.000
13) L3 AR-1232-3	5.669	5.063	25798795	12278957	500.000	500.000
14) L3 AR-1232-4	5.829	5.147	12905204	10812587	500.000	500.000
15) L3 AR-1232-5	5.920	5.318	17835091	11429441	500.000	500.000

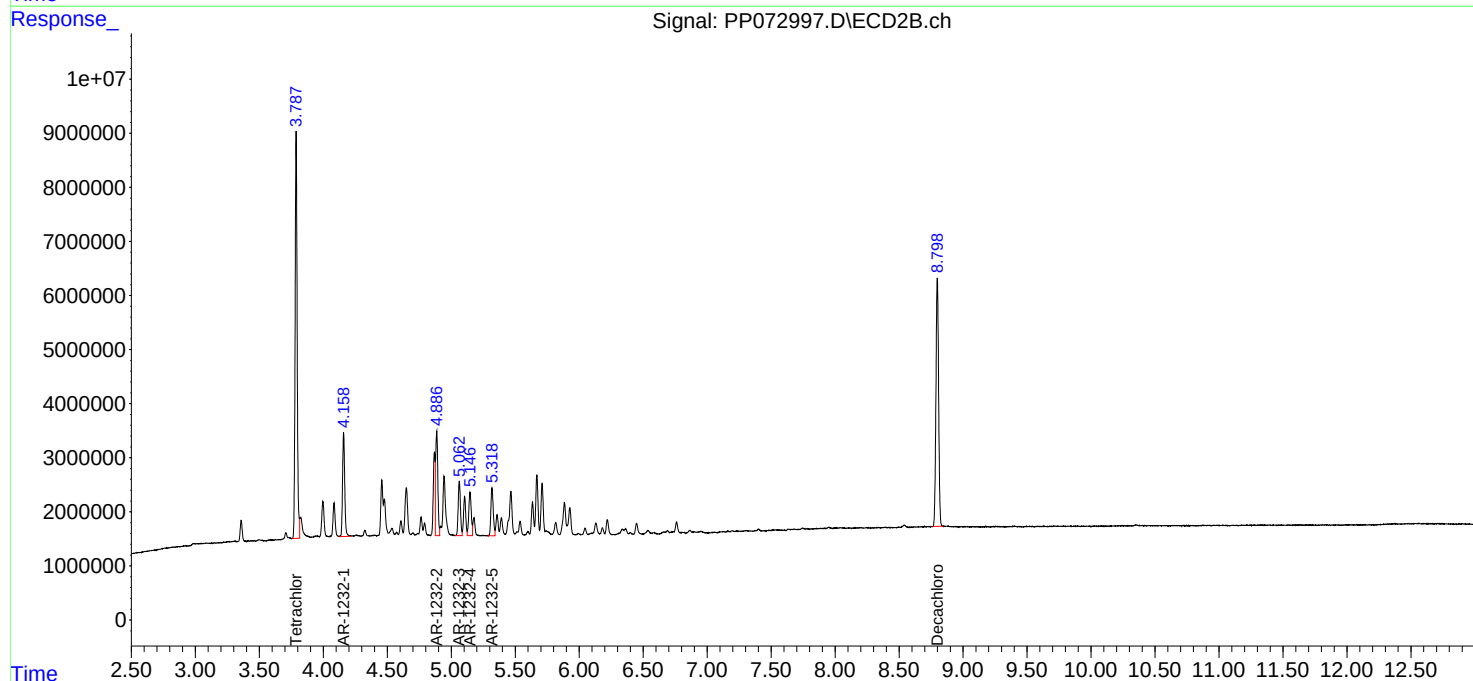
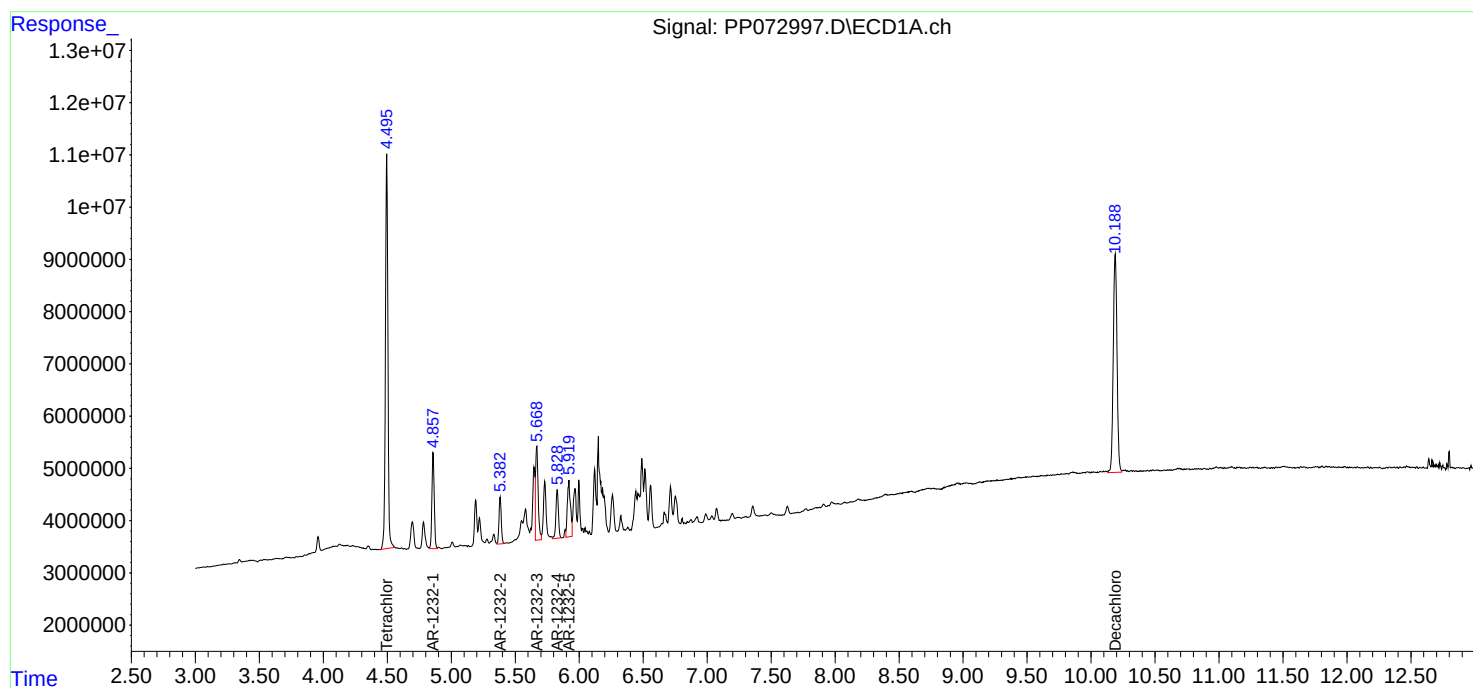
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:16
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 07:24:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 07:18:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 14:27
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:22:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:20:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	188.9E6	168.4E6	97.731	97.114
2) SA Decachlor...	10.187	8.798	161.2E6	120.5E6	96.619	96.955
Target Compounds						
16) L4 AR-1242-1	5.645	4.869	54005130	50070930	969.338	958.164
17) L4 AR-1242-2	5.668	4.887	81931377	73623300	963.667	961.812
18) L4 AR-1242-3	5.729	5.063	50398728	39446084	968.796	957.101
19) L4 AR-1242-4	5.827	5.148	42240385	37721961	975.983	956.096
20) L4 AR-1242-5	6.556	5.669	45003164	49158591	976.258	963.930

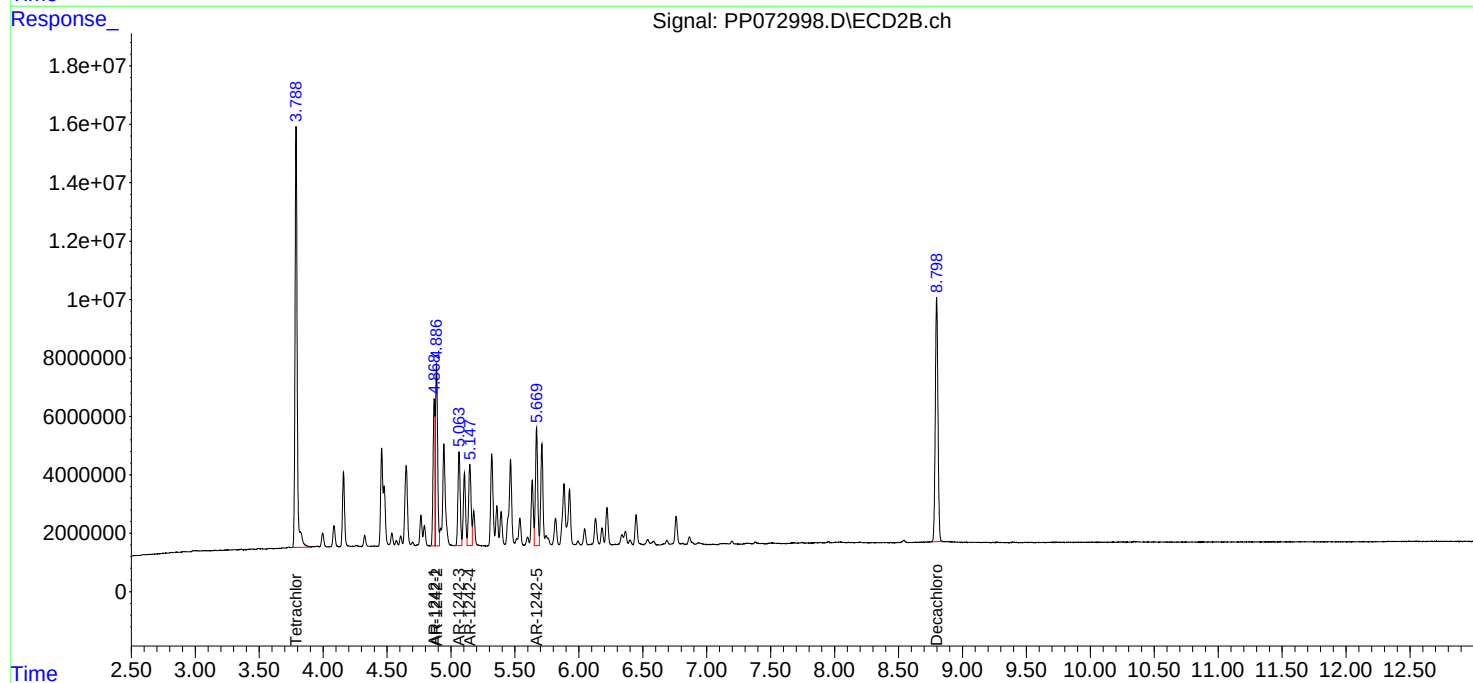
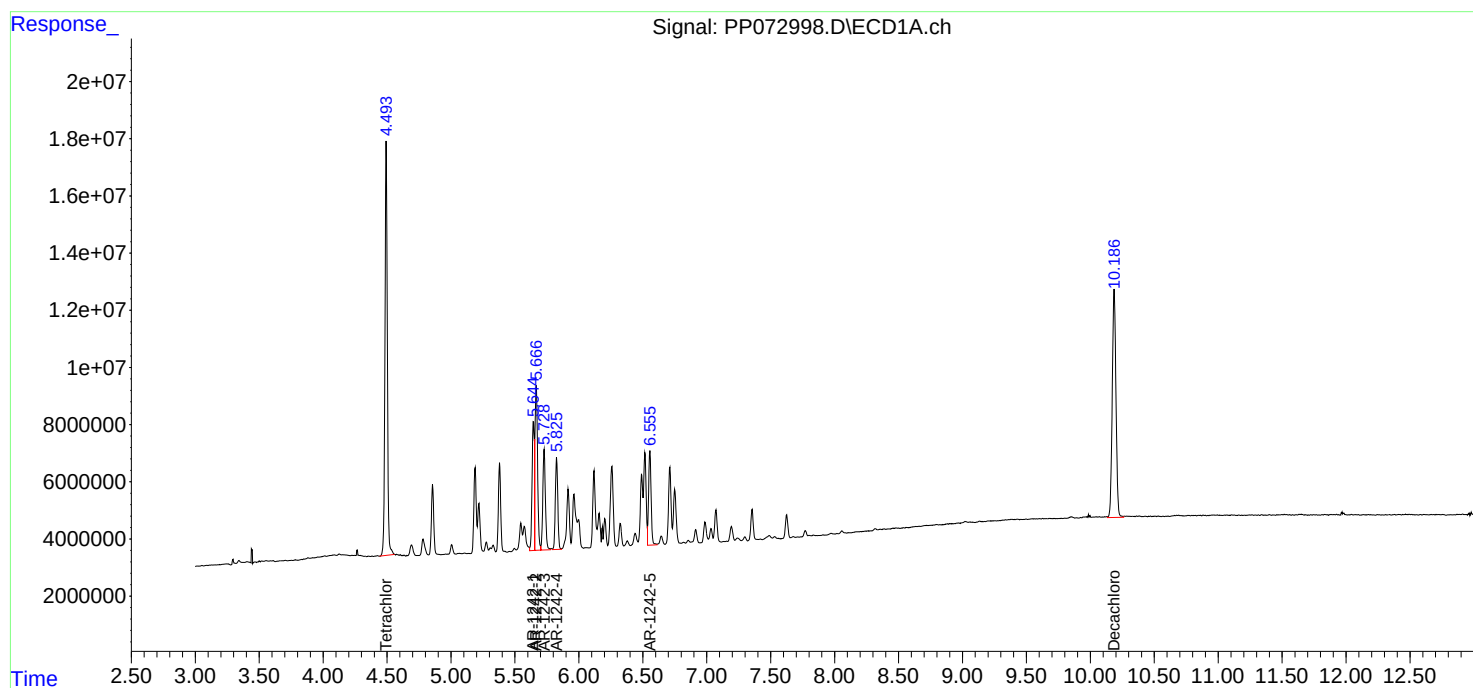
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:27
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP072999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 14:43
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:25:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:20:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	137.5E6	115.8E6	72.386	69.338
2) SA Decachlor...	10.185	8.798	122.1E6	91960552	73.762	74.308
Target Compounds						
16) L4 AR-1242-1	5.643	4.868	40884461	37162068	739.146	723.637
17) L4 AR-1242-2	5.665	4.886	59712300	53619733	717.531	716.248
18) L4 AR-1242-3	5.727	5.062	36335142	28712163	714.832	713.576
19) L4 AR-1242-4	5.824	5.146	31282678	27419249	731.645	712.390
20) L4 AR-1242-5	6.554	5.668	34479169	35192329	748.639	708.955

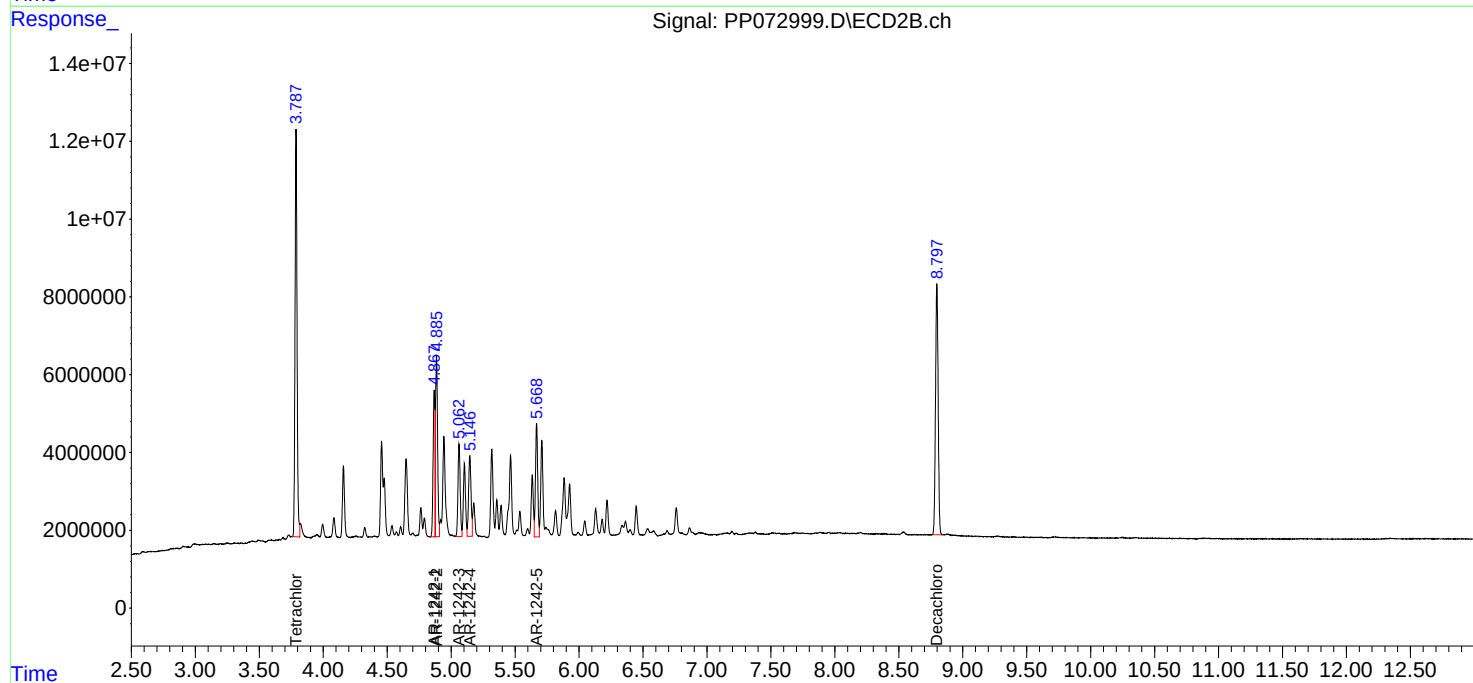
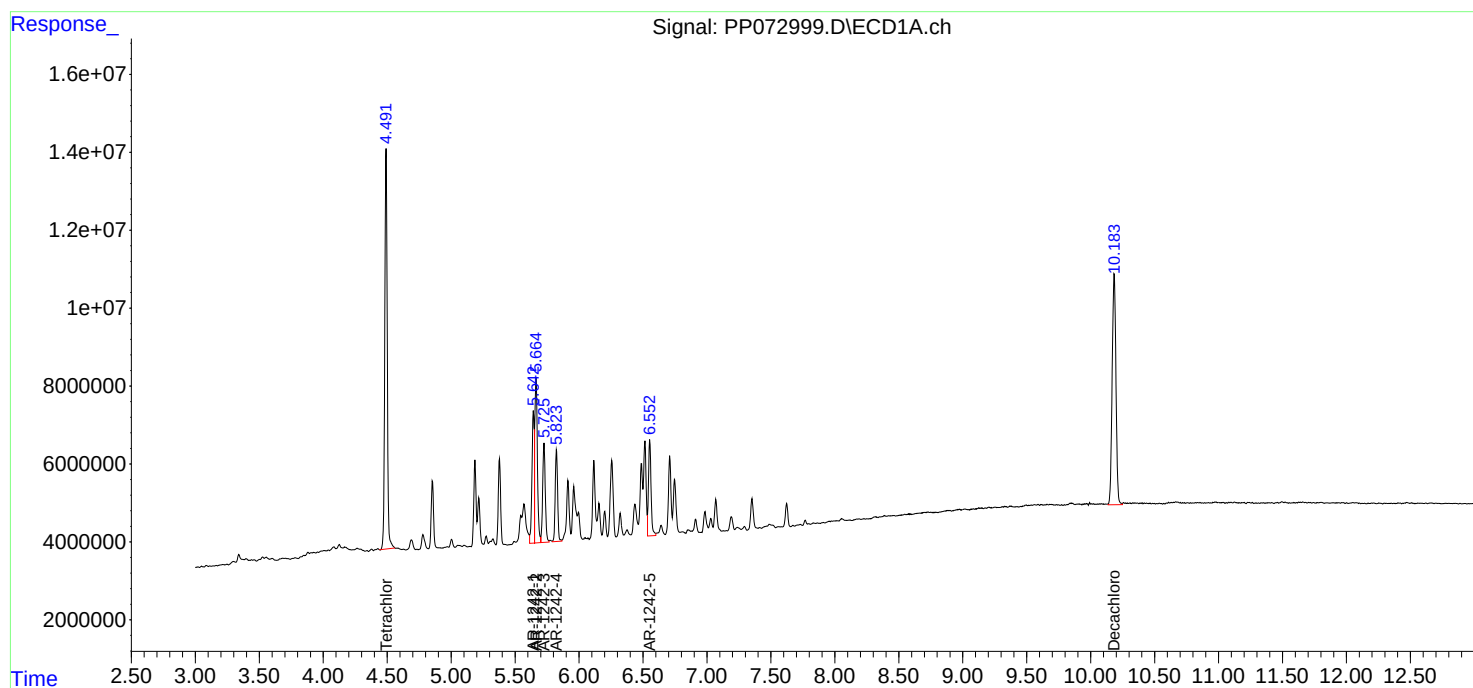
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:43
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:25:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:00
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:20:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:20:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.786	98822739	89179312	50.000	50.000
2) SA Decachlor...	10.186	8.796	86267061	64056413	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.644	4.867	28710827	27221721	500.000	500.000
17) L4 AR-1242-2	5.666	4.885	44054757	39734806	500.000	500.000
18) L4 AR-1242-3	5.728	5.062	26822656	21491069	500.000	500.000
19) L4 AR-1242-4	5.825	5.145	22159635	20593183	500.000	500.000
20) L4 AR-1242-5	6.555	5.668	23596012	26418771	500.000	500.000

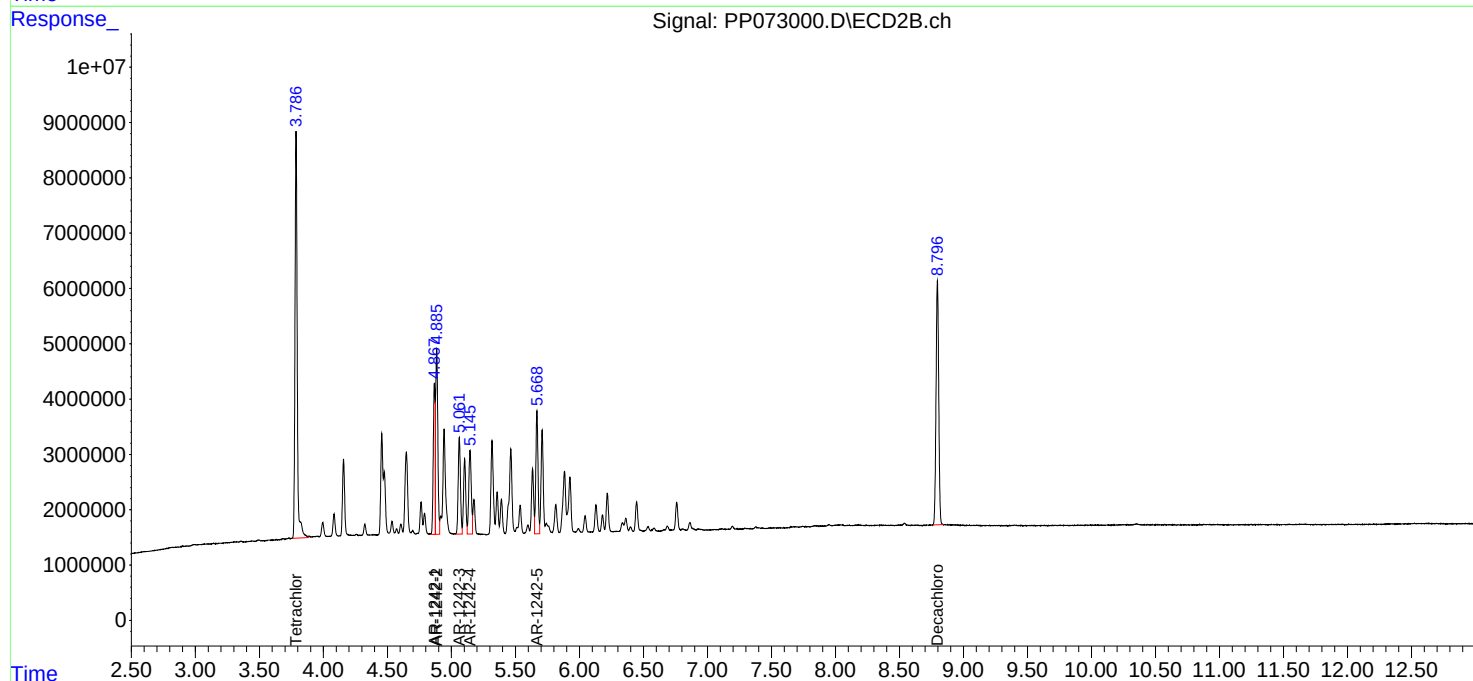
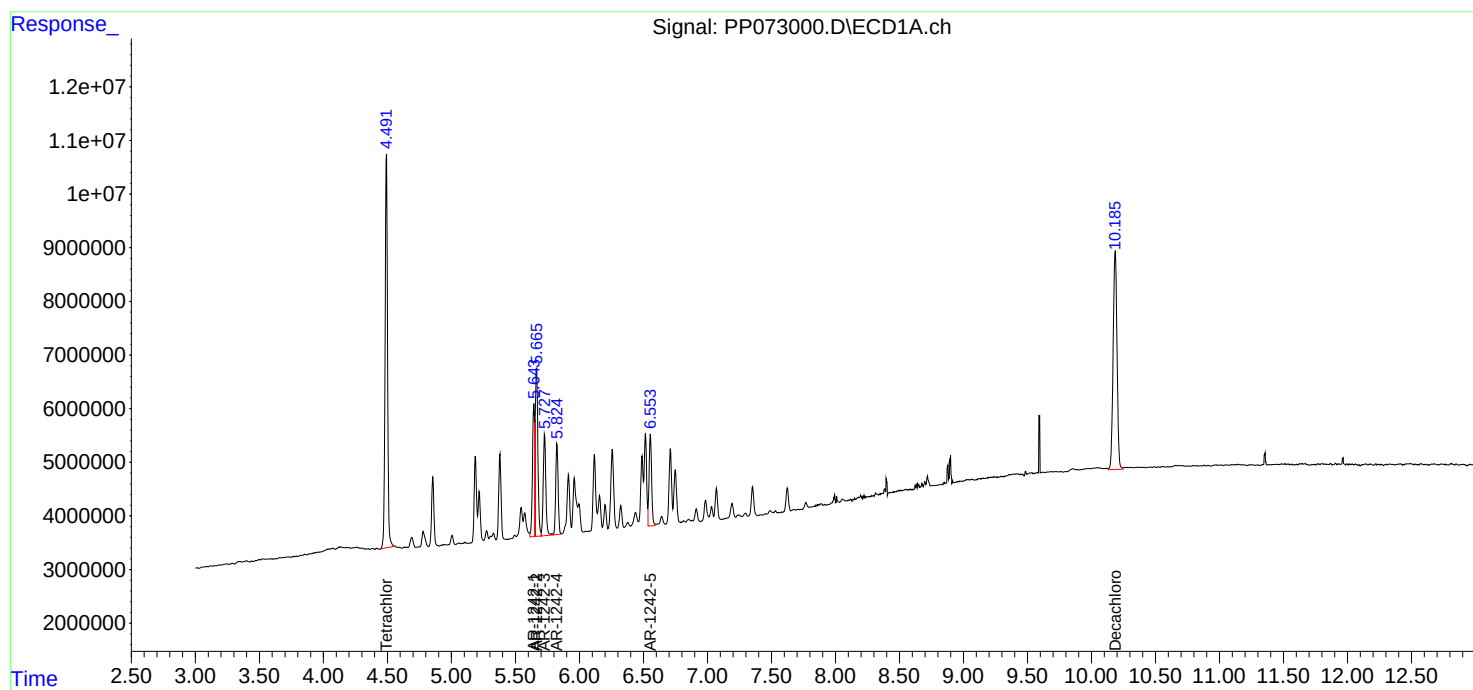
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:00
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:16
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:28:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:27:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.786	50602470	42343162	26.210	25.260
2) SA Decachlor...	10.185	8.797	45365178	33421386	26.763	26.475
Target Compounds						
16) L4 AR-1242-1	5.644	4.867	15072701	14803658	266.502	277.640
17) L4 AR-1242-2	5.667	4.885	24713110	21079475	283.643	272.958
18) L4 AR-1242-3	5.728	5.062	14361555	11677414	273.635	278.996
19) L4 AR-1242-4	5.826	5.146	11665027	11210114	266.736	279.715
20) L4 AR-1242-5	6.556	5.668	14197596	13876310	291.296	271.520

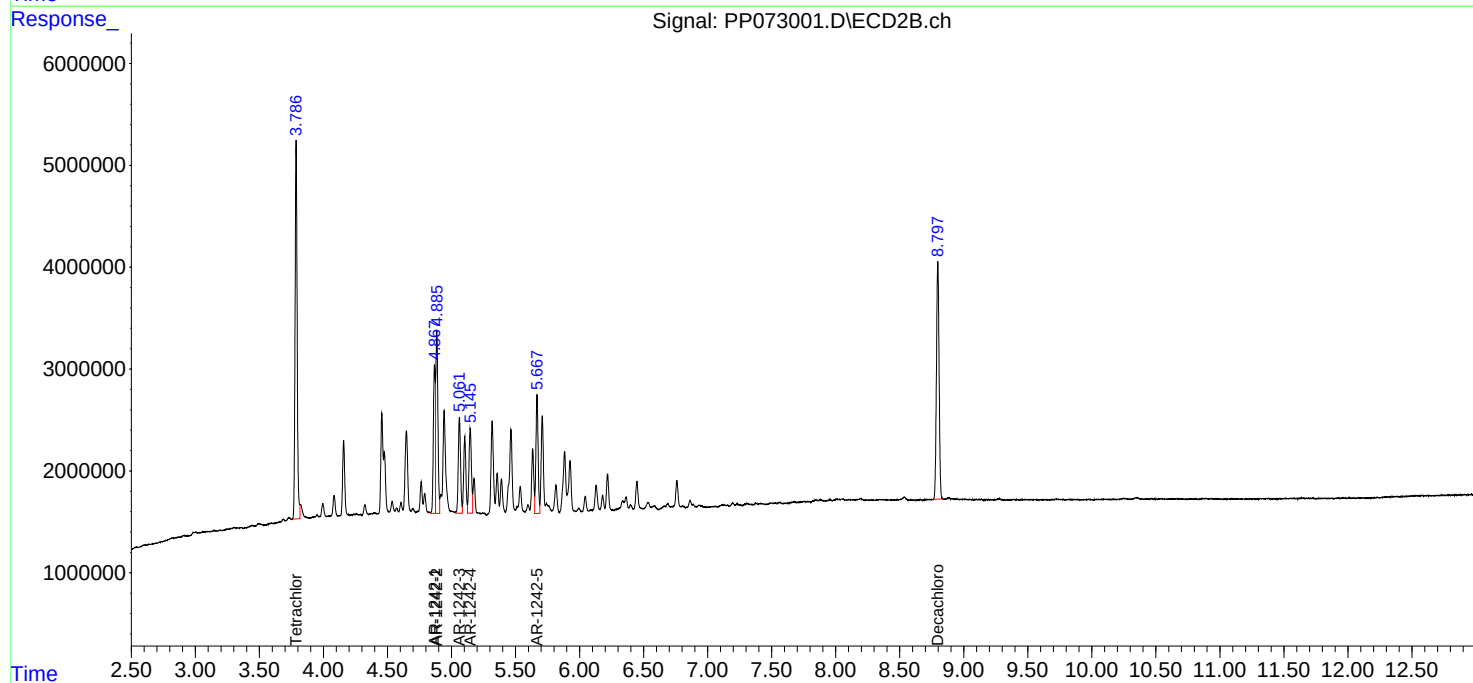
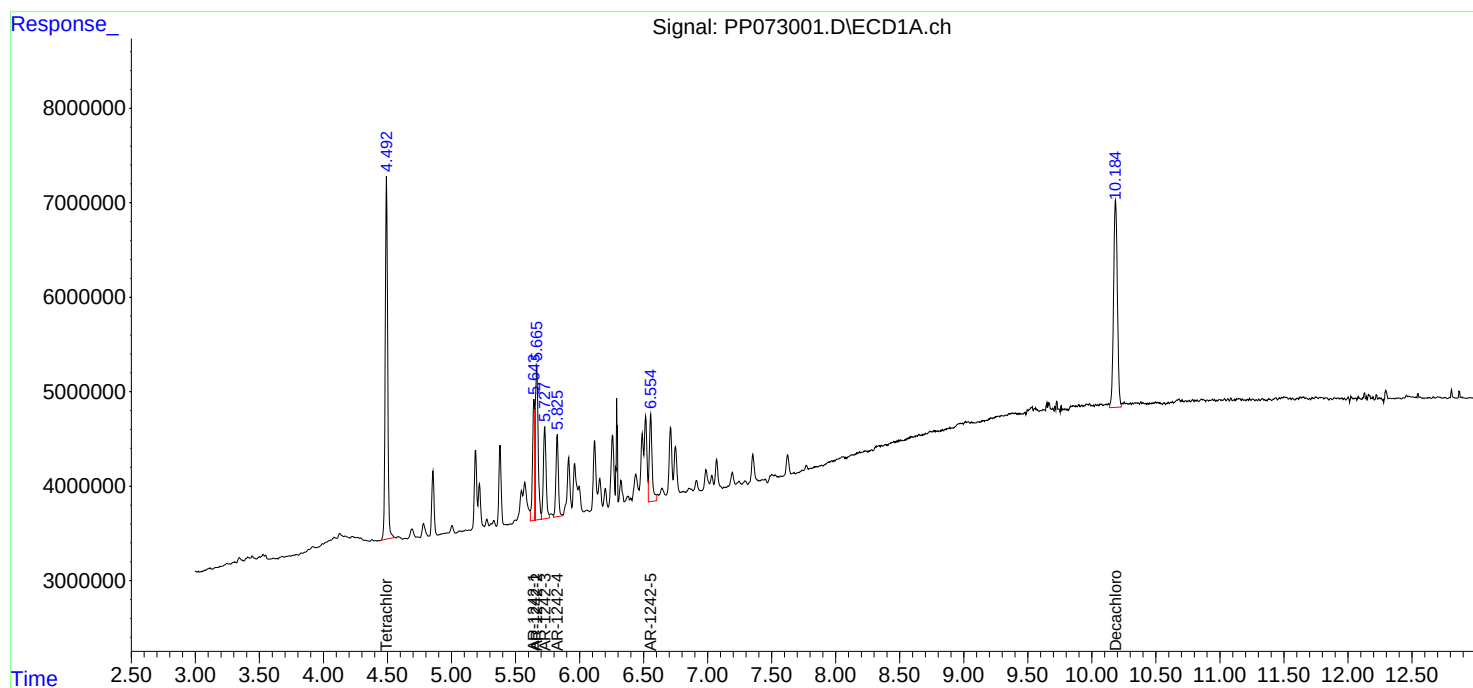
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:16
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:27:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:32
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 15:44:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 17 15:44:31 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	10158096	8903340	5.207	5.246
2) SA Decachlor...	10.184	8.797	8050605	6707520	4.783m	5.248
Target Compounds						
16) L4 AR-1242-1	5.642	4.867	3297800	3140830	55.643m	57.157m
17) L4 AR-1242-2	5.665	4.885	4213097	4426414	48.947m	55.697m
18) L4 AR-1242-3	5.727	5.062	2680065	2455209	50.828m	56.668m
19) L4 AR-1242-4	5.824	5.145	2243054	2360571	50.666m	57.457m
20) L4 AR-1242-5	6.553	5.668	2642030	2925407	52.888m	55.630

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:32
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

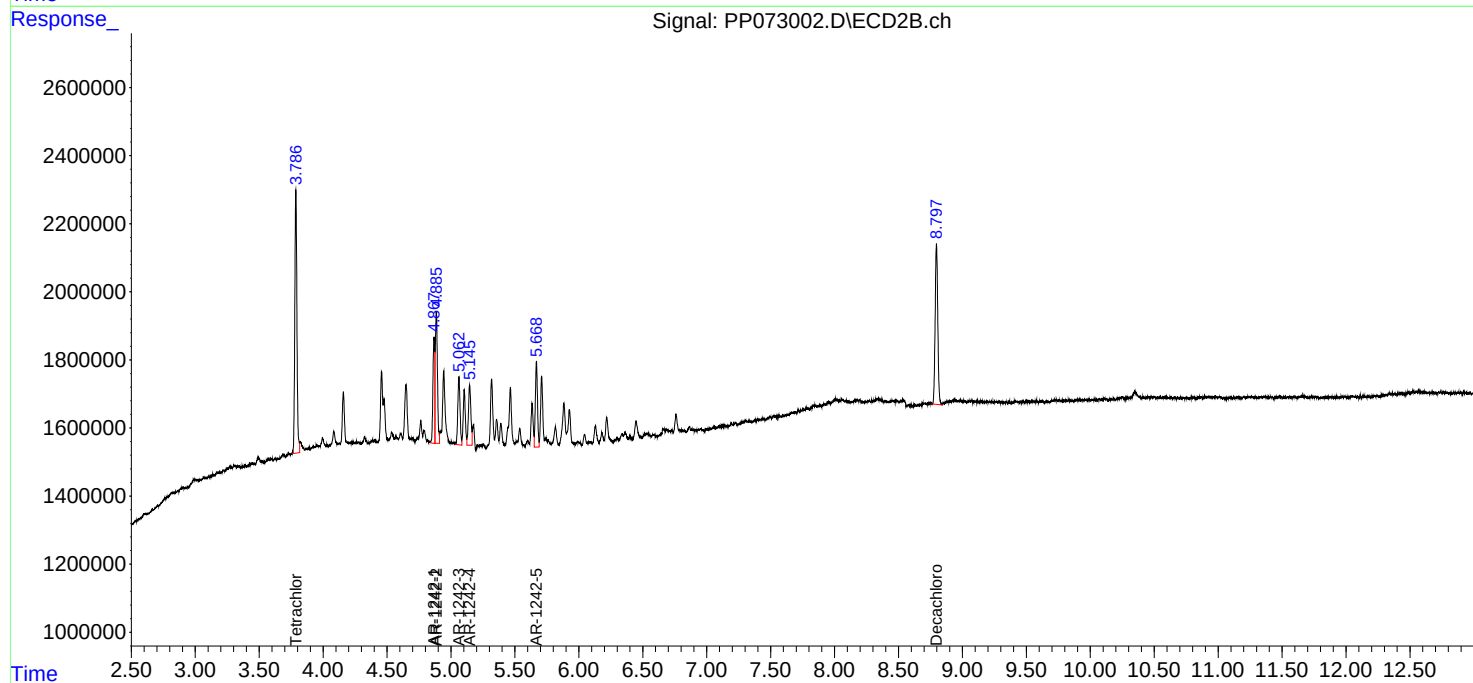
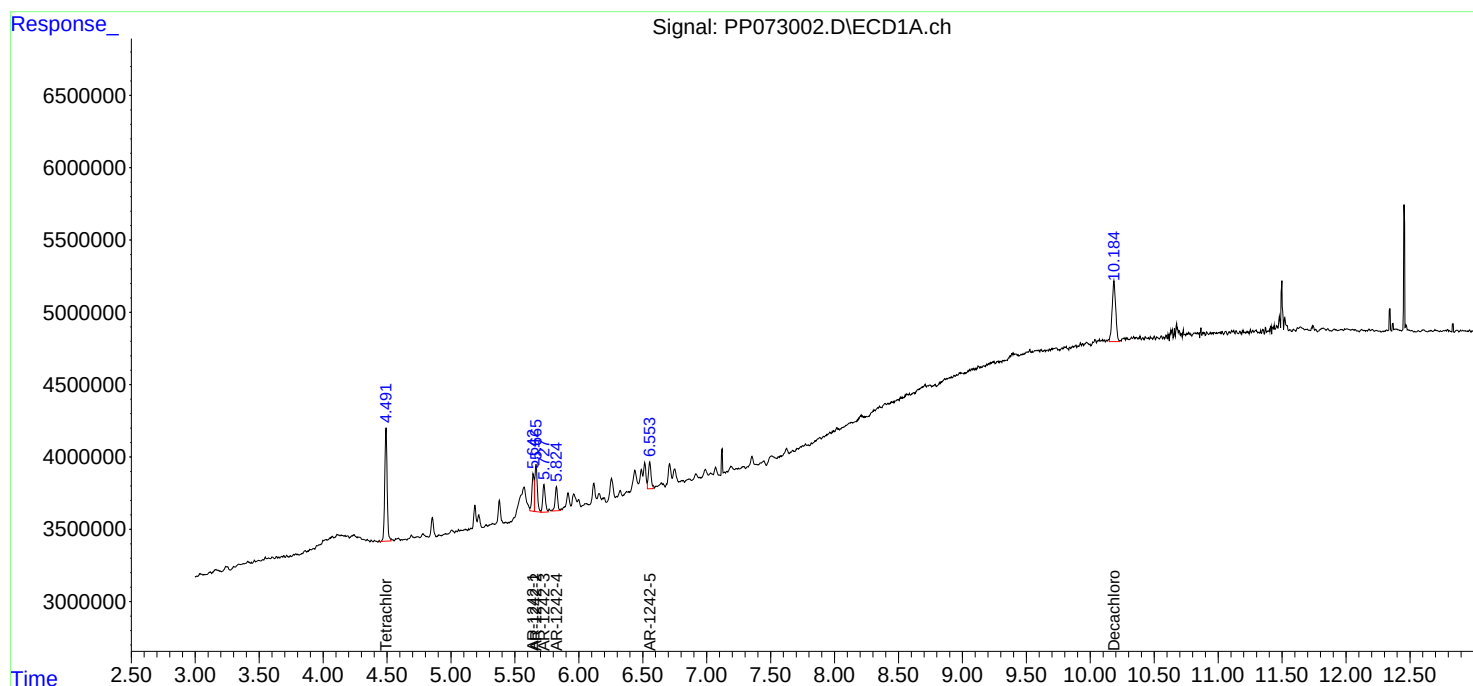
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:44:31 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 15:49
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:56:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	188.5E6	170.8E6	99.007	107.065
2) SA Decachlor...	10.185	8.798	162.0E6	122.7E6	94.922	94.817
Target Compounds						
21) L5 AR-1248-1	5.644	4.867	41858490	39929038	912.695	998.158
22) L5 AR-1248-2	5.915	5.104	55380415	53044396	995.737	995.128
23) L5 AR-1248-3	6.118	5.146	63266998	55822275	1008.438	1018.879
24) L5 AR-1248-4	6.517	5.318	77728954	64712793	937.669	1031.281
25) L5 AR-1248-5	6.555	5.709	75041779	65436447	925.638	953.390

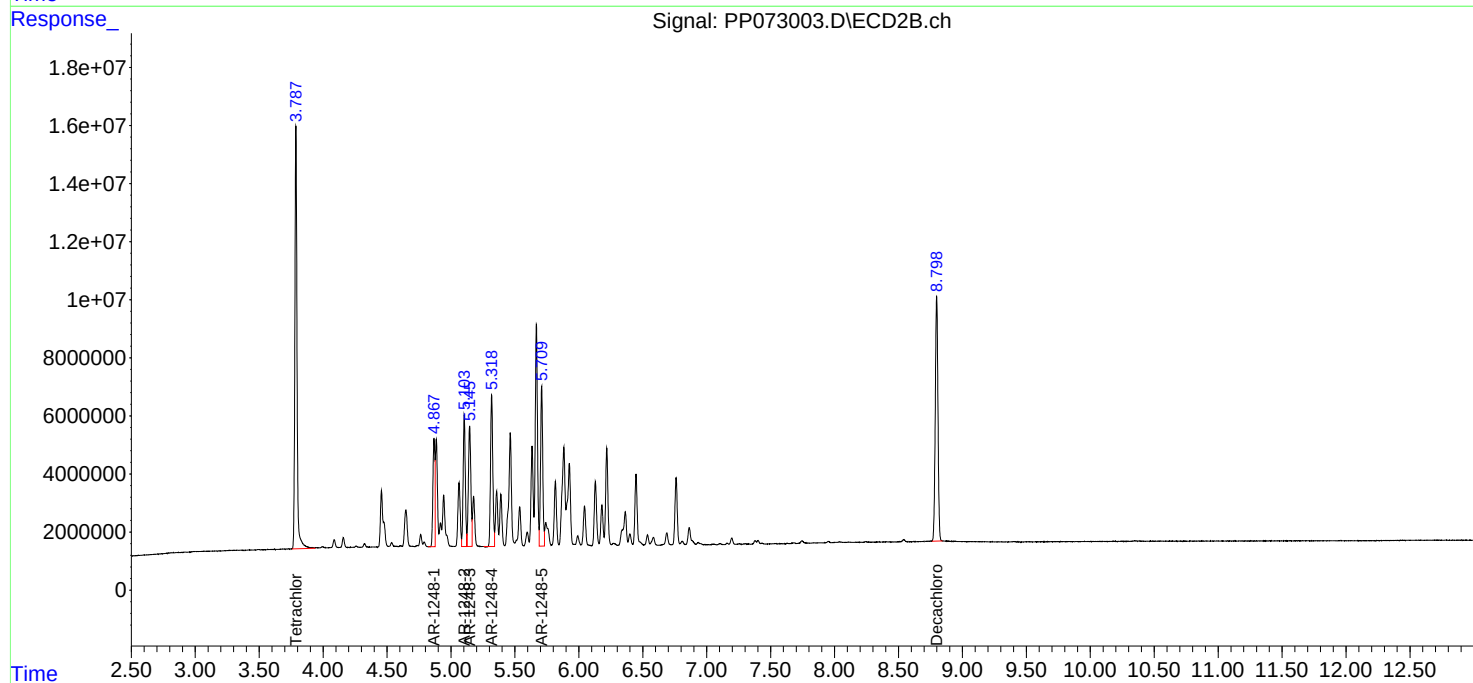
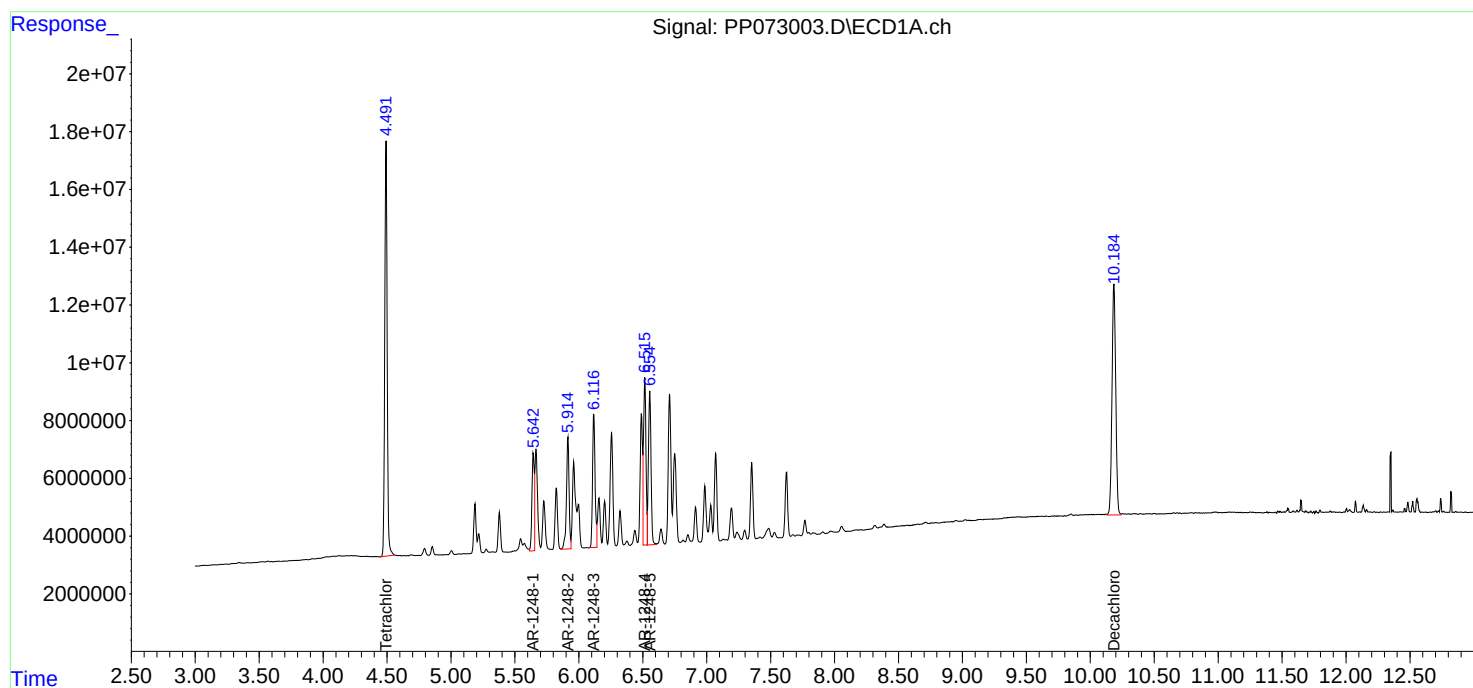
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:49
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:56:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:21
 Operator : YP\AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.787	147.1E6	133.1E6	77.234	83.465
2) SA Decachlor...	10.185	8.797	126.7E6	93822390	74.227	72.502
Target Compounds						
21) L5 AR-1248-1	5.644	4.867	33128048	31740470	722.334	793.458
22) L5 AR-1248-2	5.915	5.103	43516657	43058093	782.427	807.782
23) L5 AR-1248-3	6.118	5.145	49679943	44888866	791.868	819.321
24) L5 AR-1248-4	6.517	5.317	61511347	51856959	742.030	826.407
25) L5 AR-1248-5	6.556	5.709	58600731	51610159	722.838	751.945

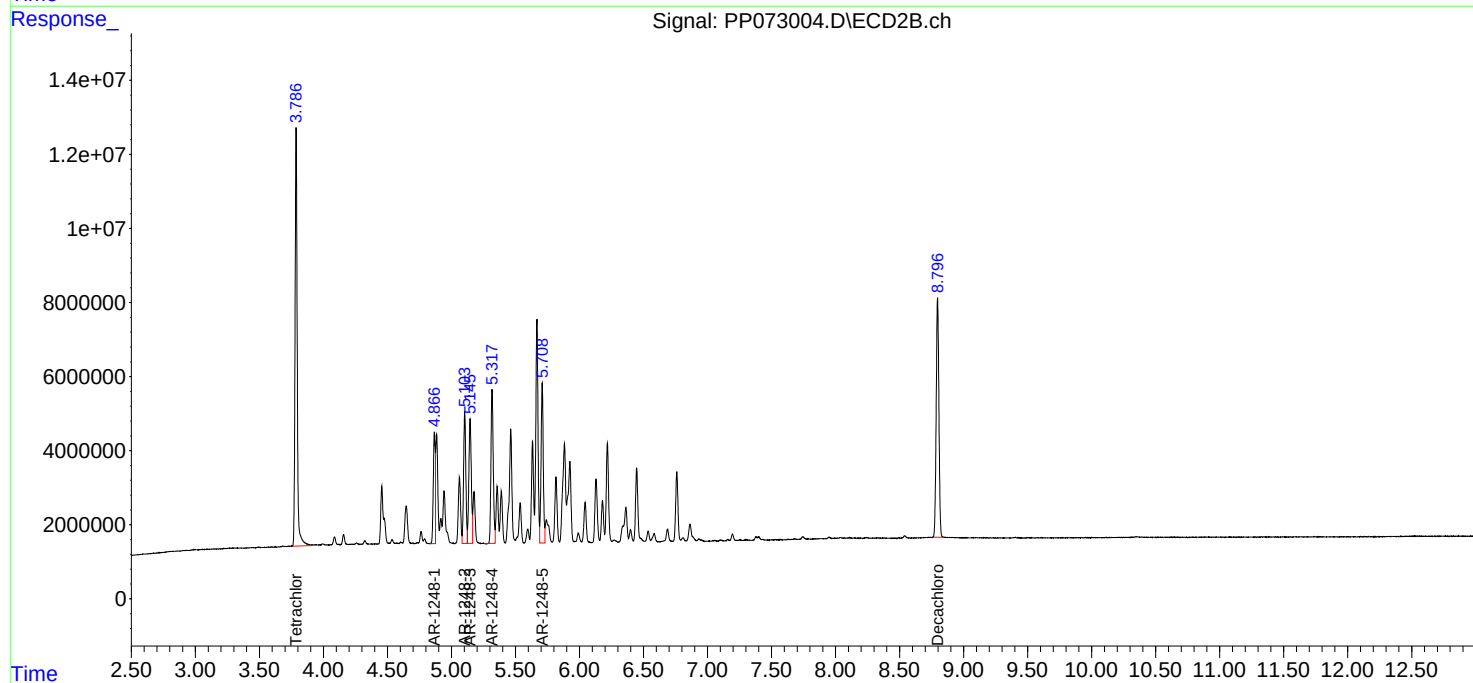
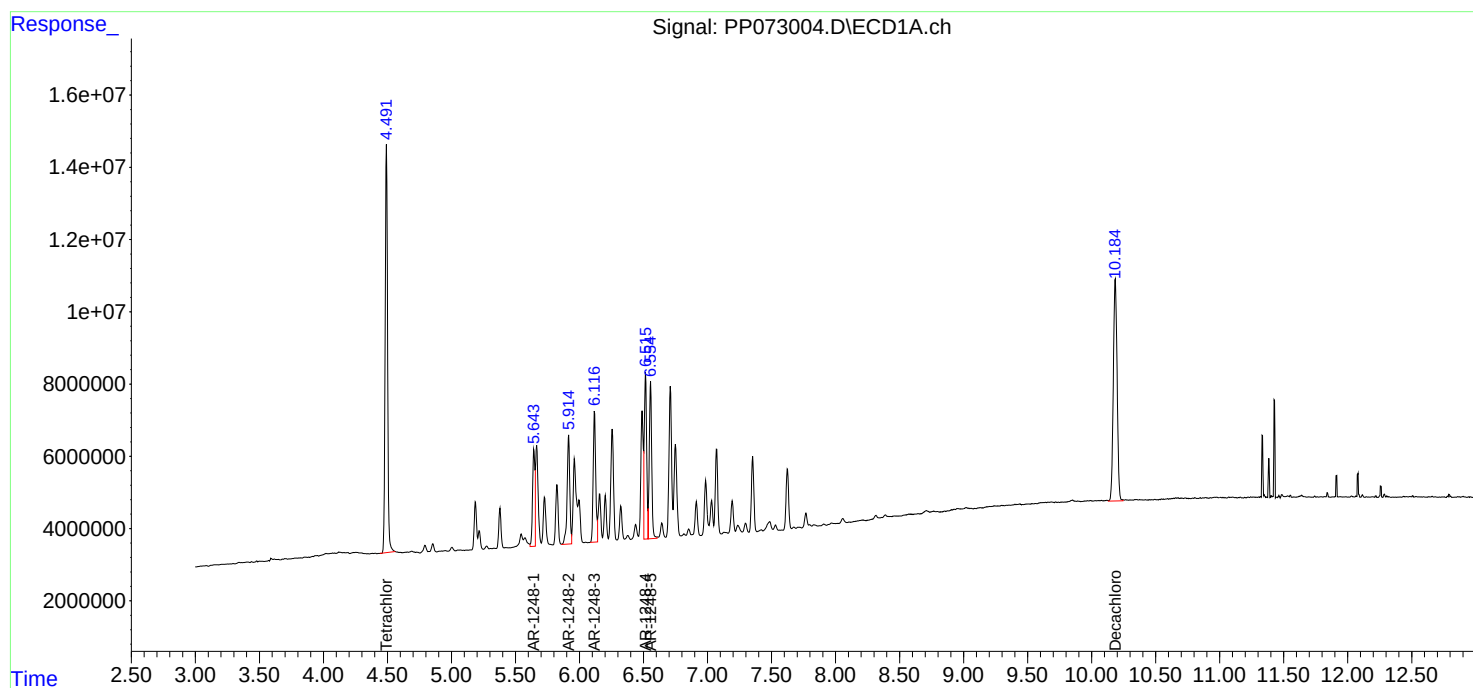
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:21
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:37
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.787	95206063	79758610	50.000	50.000
2) SA Decachlor...	10.188	8.797	85355694	64703044	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.645	4.867	22931260	20001359	500.000	500.000
22) L5 AR-1248-2	5.917	5.104	27808762	26652048	500.000	500.000
23) L5 AR-1248-3	6.118	5.146	31368812	27393954	500.000	500.000
24) L5 AR-1248-4	6.517	5.318	41447992	31374950	500.000	500.000
25) L5 AR-1248-5	6.556	5.709	40535174	34317758	500.000	500.000

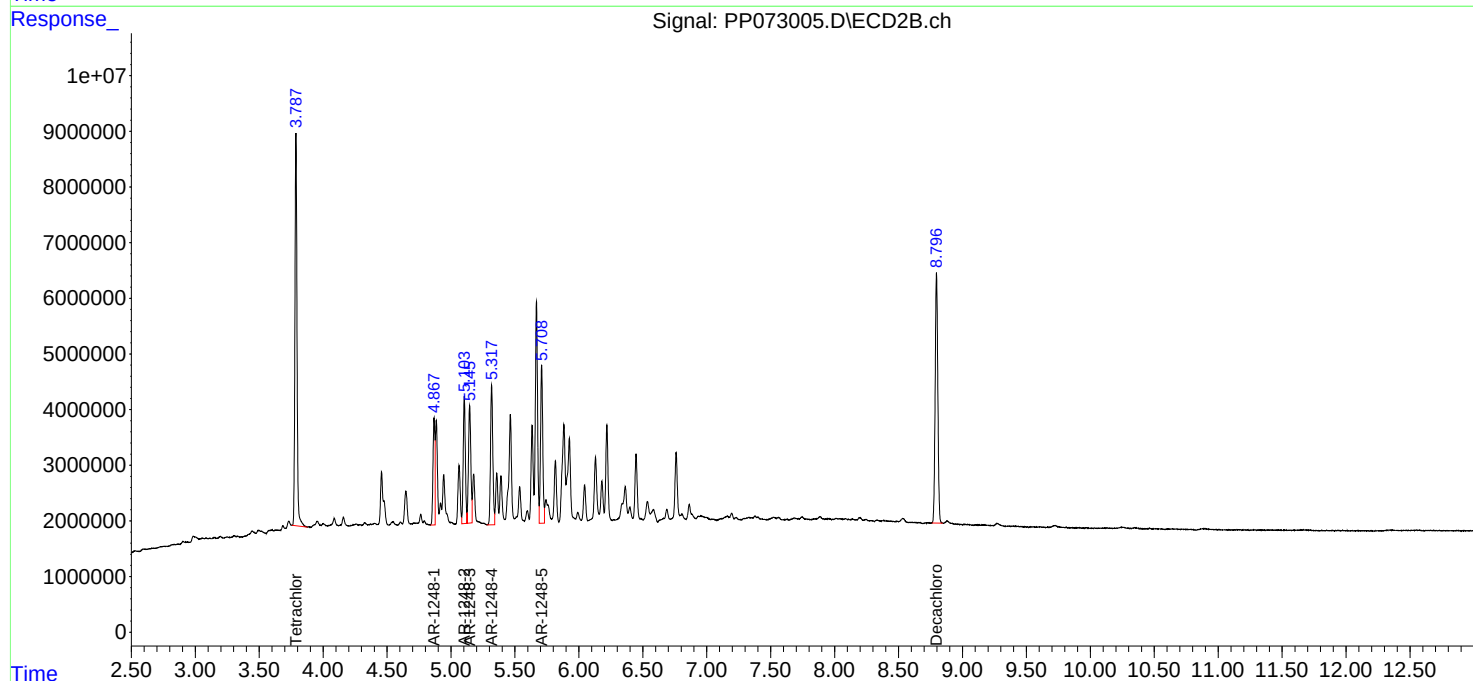
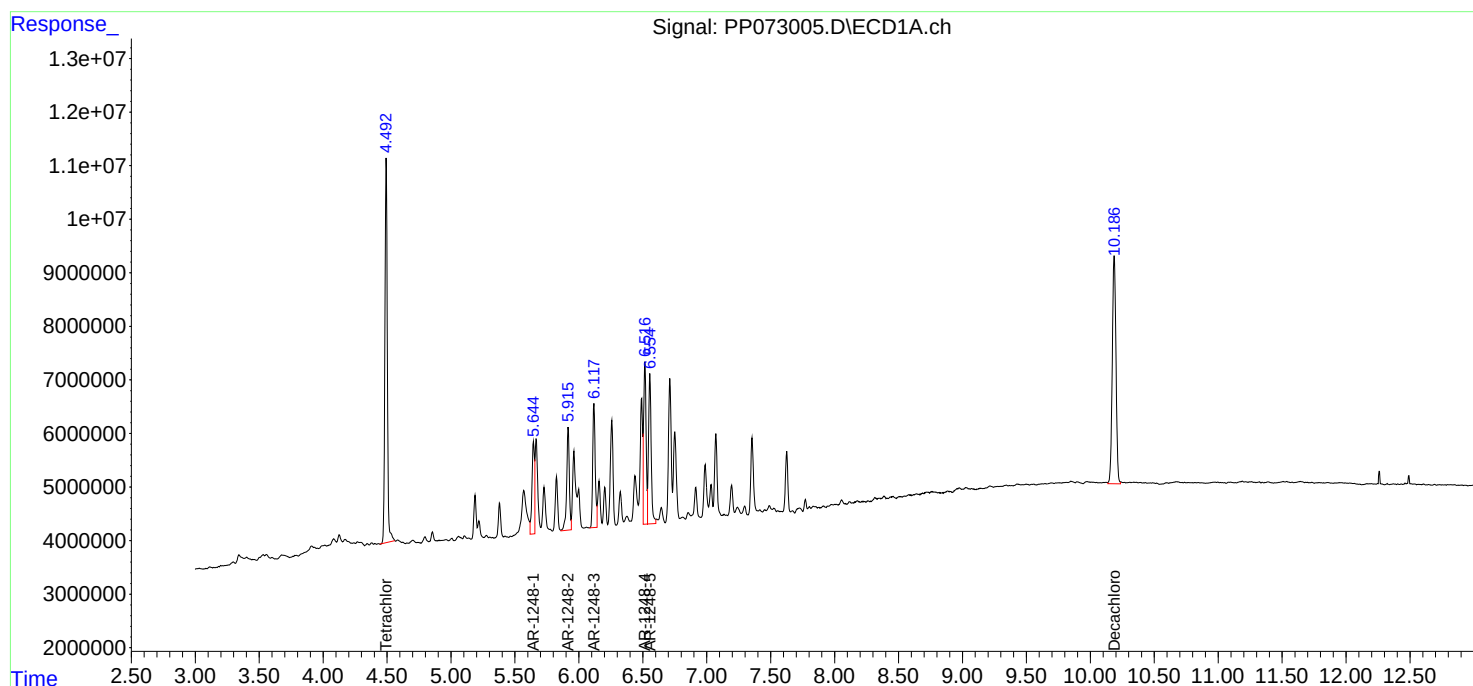
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:37
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 16:54
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.787	49010001	43560408	25.739	27.308
2) SA Decachlor...	10.185	8.797	44305276	33734094	25.953	26.068
Target Compounds						
21) L5 AR-1248-1	5.644	4.867	12260388	11320609	267.329	282.996
22) L5 AR-1248-2	5.915	5.104	14760258	15120777	265.389	283.670
23) L5 AR-1248-3	6.117	5.146	16689630	15708657	266.023	286.718
24) L5 AR-1248-4	6.517	5.318	21509137	18174556	259.471	289.635
25) L5 AR-1248-5	6.555	5.709	20636086	18114944	254.545	263.930

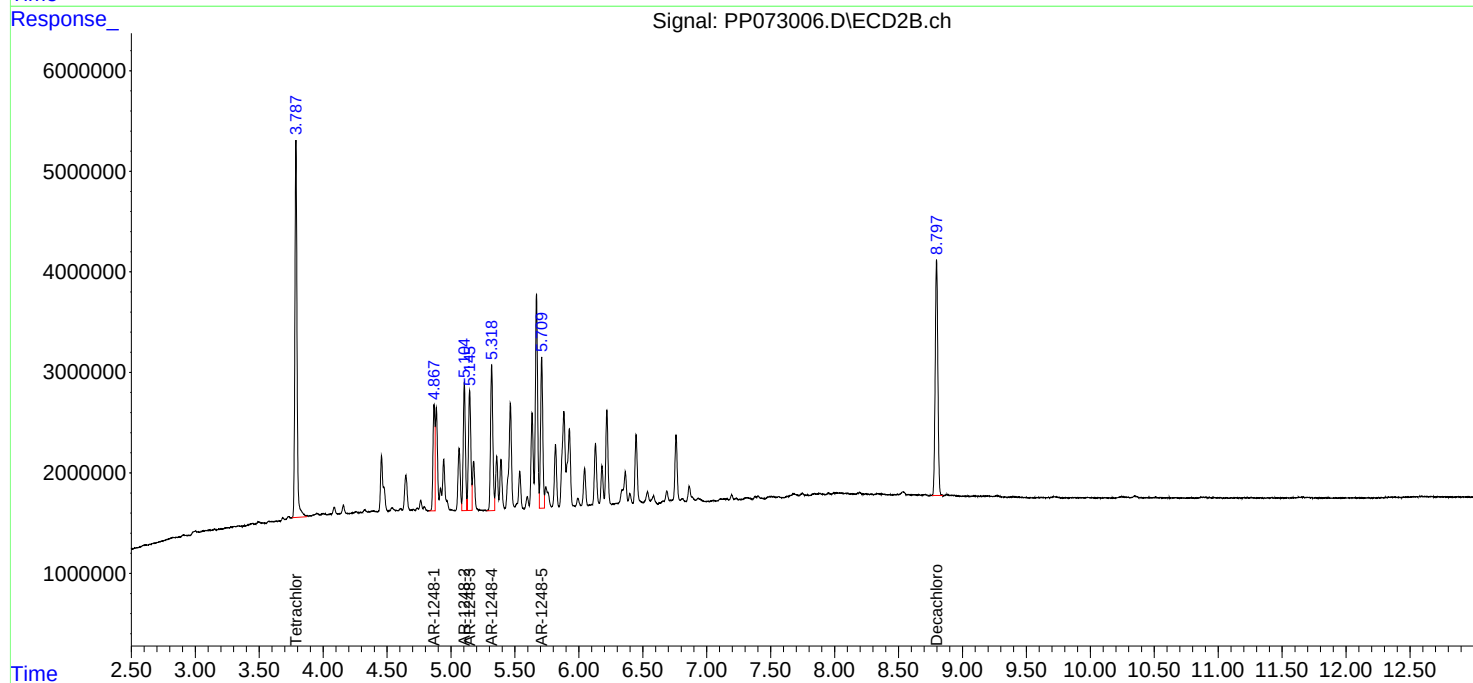
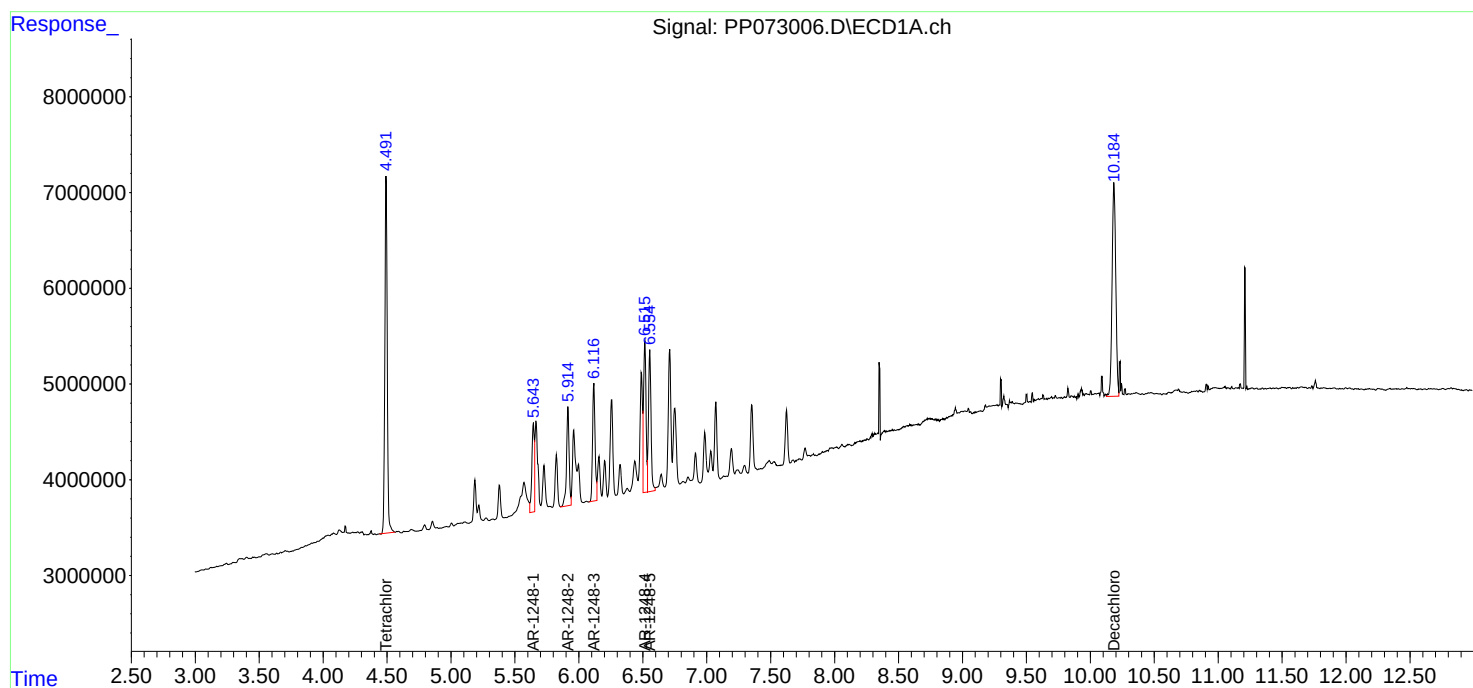
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:54
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073007.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:10
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 02:57:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 02:53:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.787	10222885	9191697	5.369	5.762
2) SA Decachlor...	10.183	8.797	9936703	7175402	5.821	5.545
Target Compounds						
21) L5 AR-1248-1	5.642	4.868	2845447	2520855	62.043	63.017
22) L5 AR-1248-2	5.913	5.104	3234683	3436782	58.159	64.475
23) L5 AR-1248-3	6.115	5.145	3362170	3471211	53.591	63.357
24) L5 AR-1248-4	6.515	5.318	4832294	4040439	58.293	64.390
25) L5 AR-1248-5	6.554	5.710	5083753	3990709	62.708	58.143

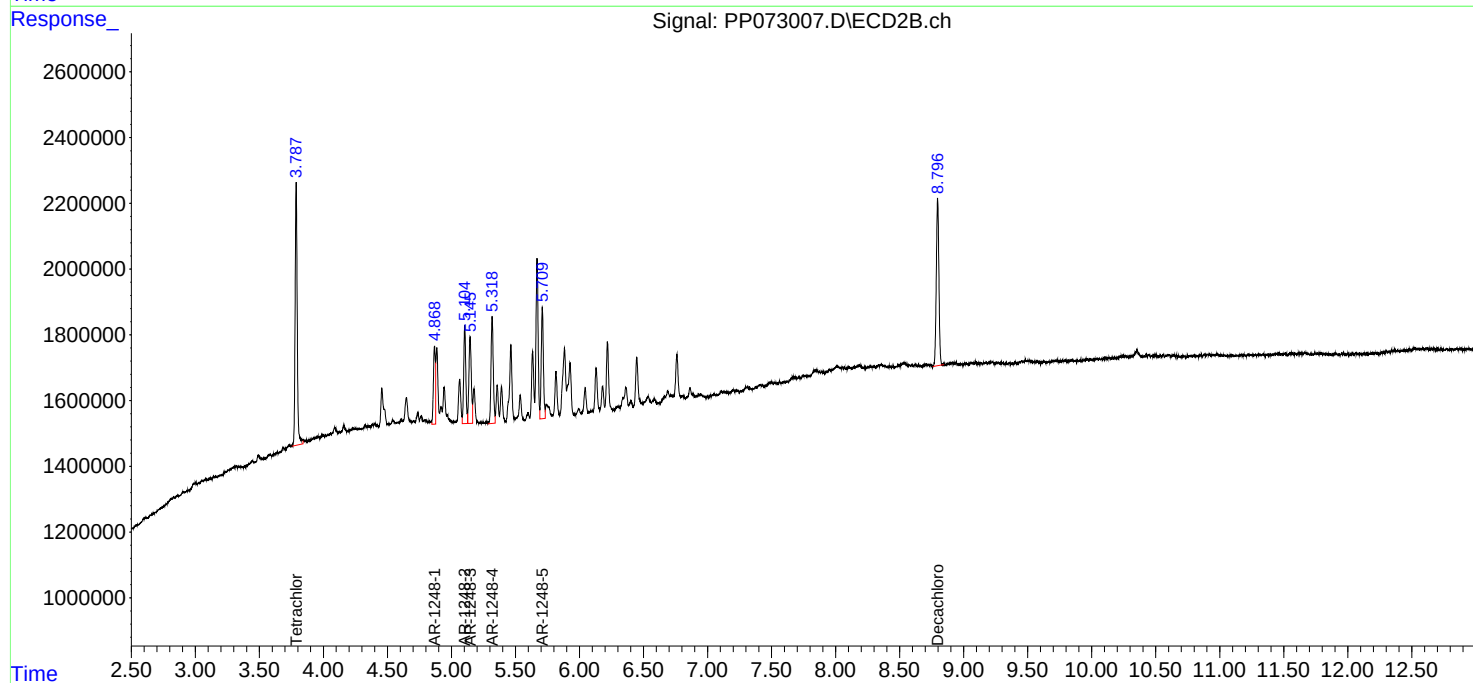
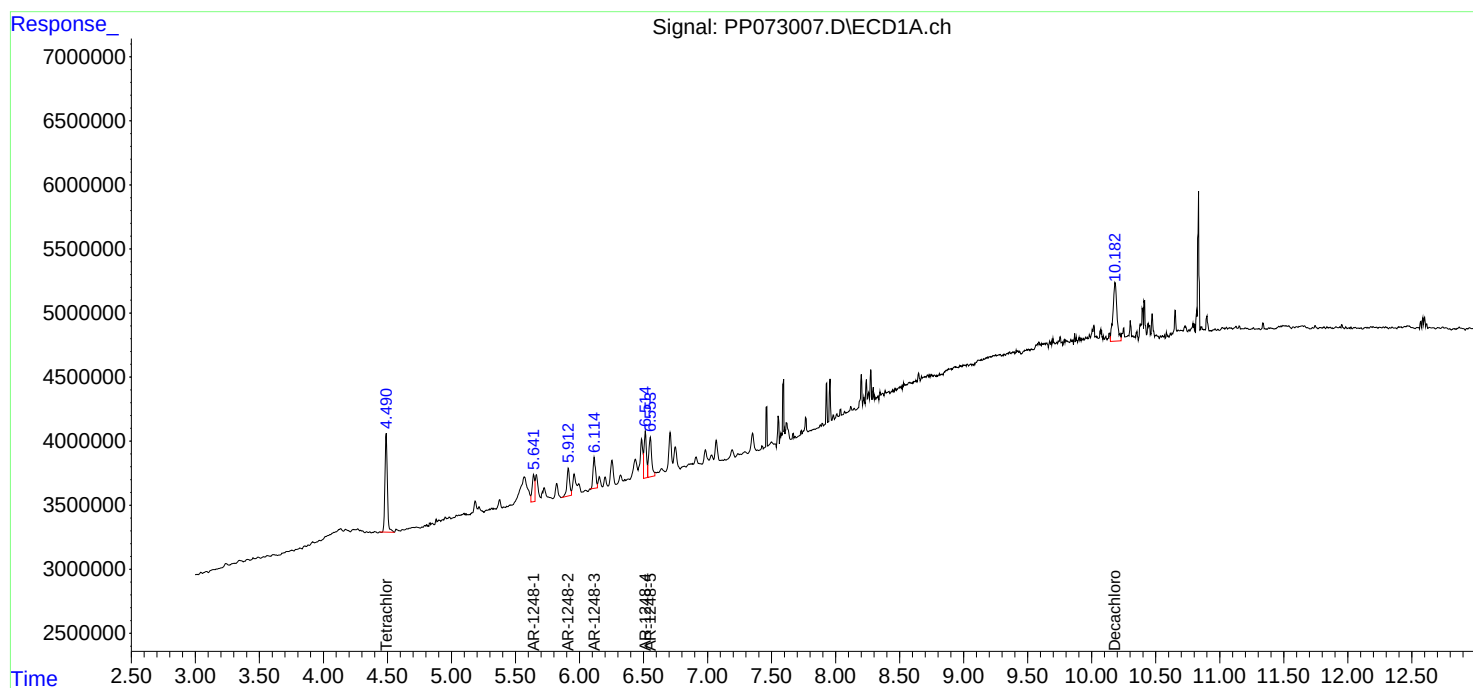
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:10
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073008.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:26
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.494	3.787	187.3E6	167.0E6	92.728	90.941
2)	SA Decachlor...	10.186	8.797	164.8E6	123.4E6	92.823	91.141
Target Compounds							
26)	L6 AR-1254-1	6.494	5.668	73763285	94131500	902.225	868.707
27)	L6 AR-1254-2	6.709	5.816	111.5E6	80645865	903.481	870.936
28)	L6 AR-1254-3	7.073	6.219	119.2E6	128.8E6	914.627	874.144
29)	L6 AR-1254-4	7.354	6.447	108.8E6	83562949	922.068	864.363
30)	L6 AR-1254-5	7.770	6.863	106.9E6	116.4E6	921.967	898.346

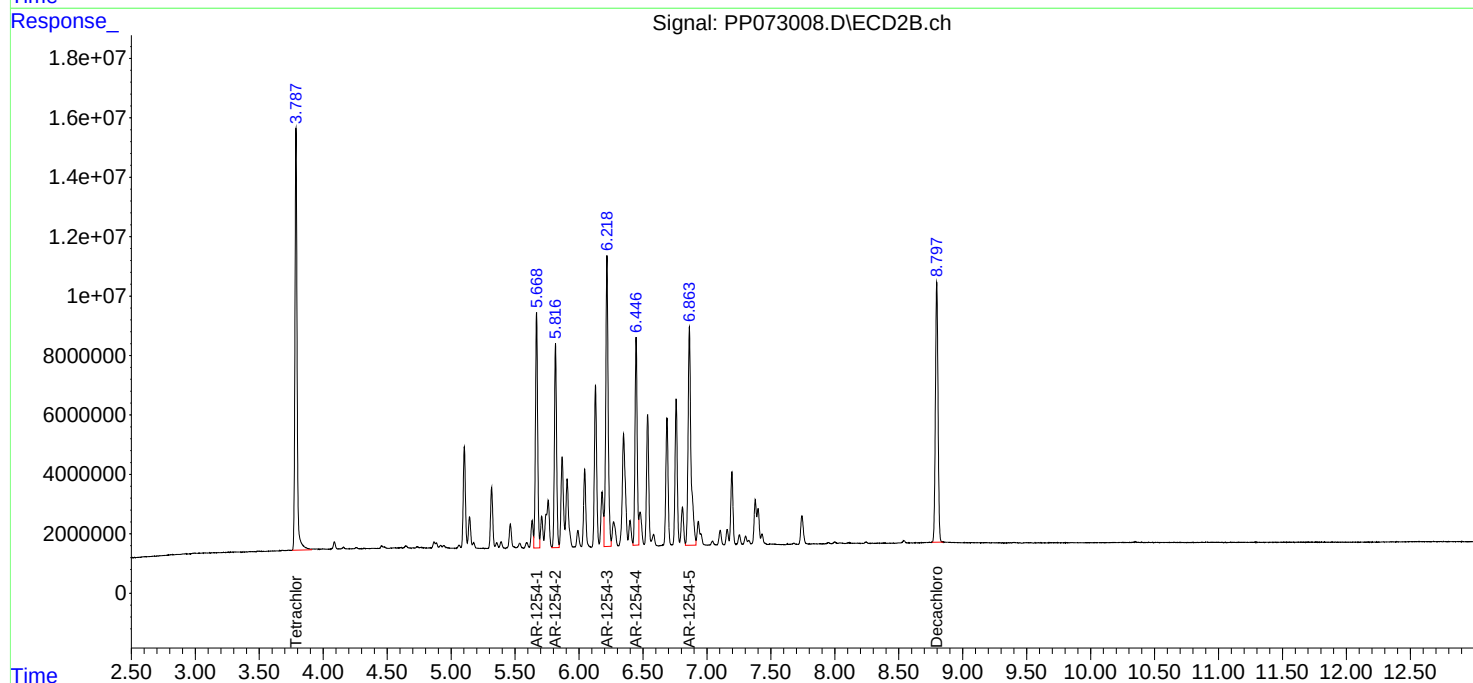
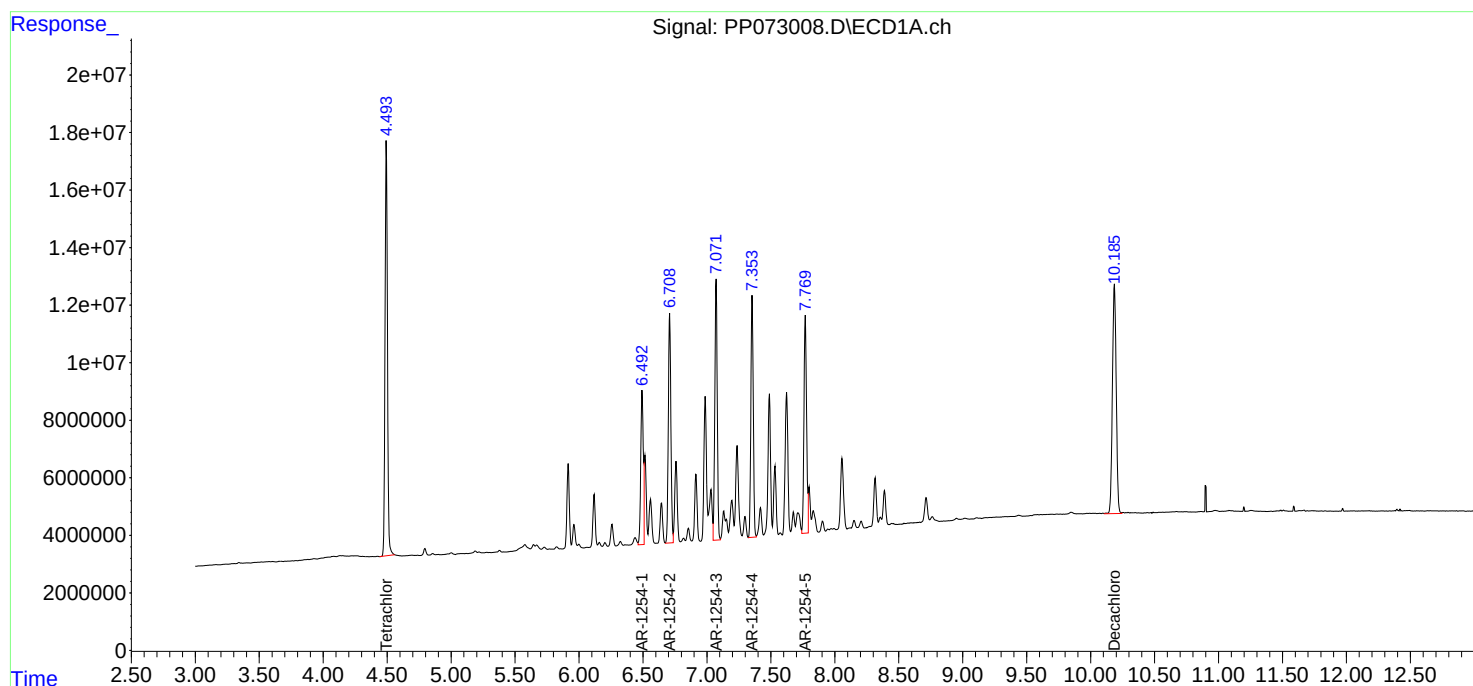
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:26
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:43
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.788	147.0E6	133.2E6	72.797	72.507
2) SA Decachlor...	10.186	8.798	130.4E6	98577782	73.465	72.787
Target Compounds						
26) L6 AR-1254-1	6.492	5.669	59164082	76776825	723.657	708.546
27) L6 AR-1254-2	6.708	5.817	89005755	66022871	721.525	713.015
28) L6 AR-1254-3	7.071	6.219	94714243	103.6E6	726.528	703.473
29) L6 AR-1254-4	7.353	6.447	85886505	67701556	728.182	700.295
30) L6 AR-1254-5	7.769	6.864	84191148	92140983	725.836	710.972

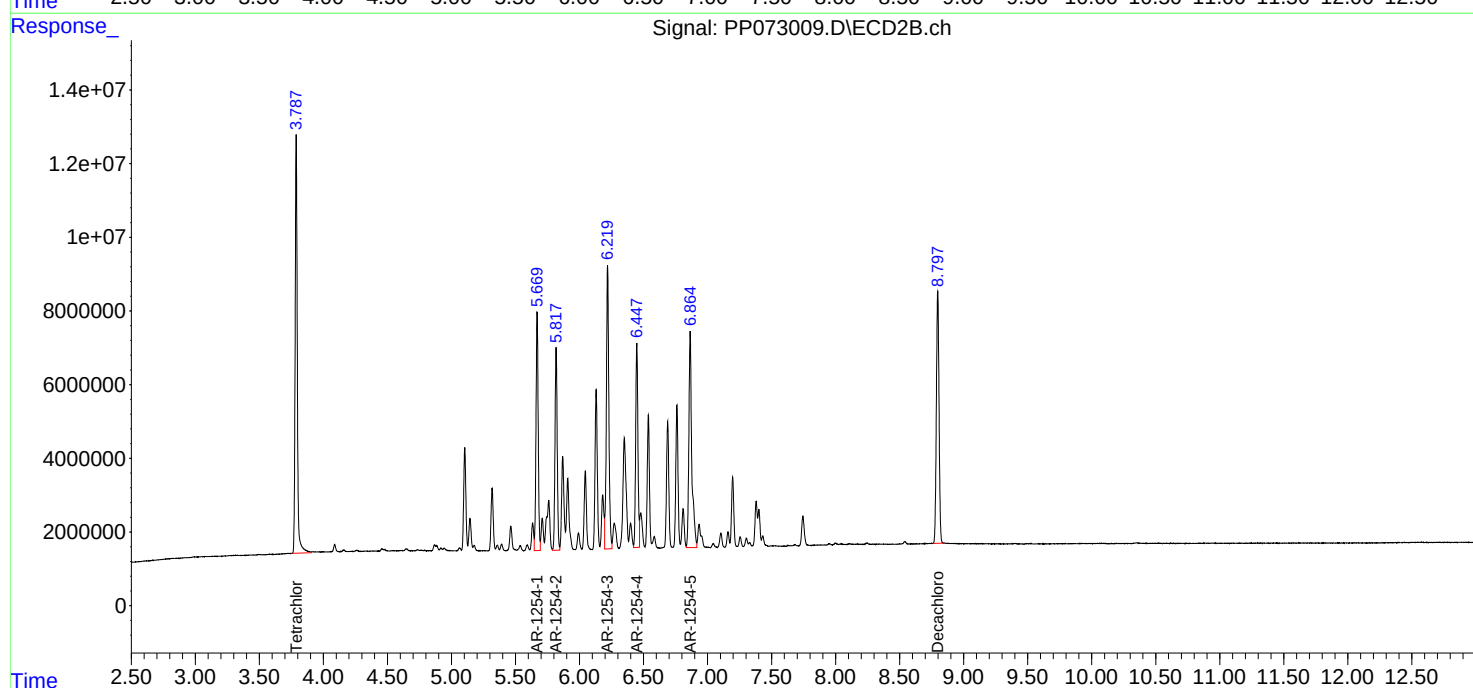
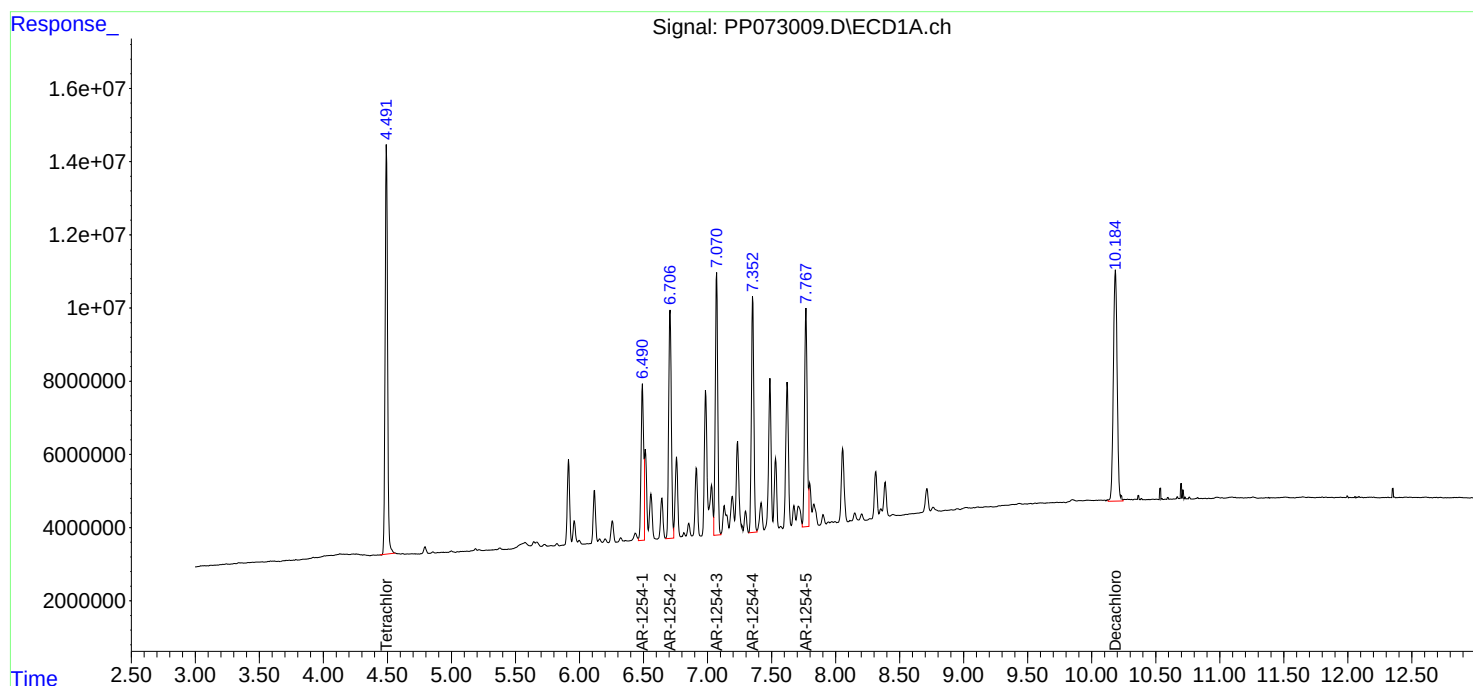
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:43
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 17:59
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.788	101.0E6	91819616	50.000	50.000
2) SA Decachlor...	10.185	8.797	88782801	67716400	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.491	5.669	40878552	54179115	500.000	500.000
27) L6 AR-1254-2	6.707	5.817	61678914	46298378	500.000	500.000
28) L6 AR-1254-3	7.070	6.219	65182776	73658552	500.000	500.000
29) L6 AR-1254-4	7.352	6.447	58973271	48337854	500.000	500.000
30) L6 AR-1254-5	7.768	6.864	57995955	64799321	500.000	500.000

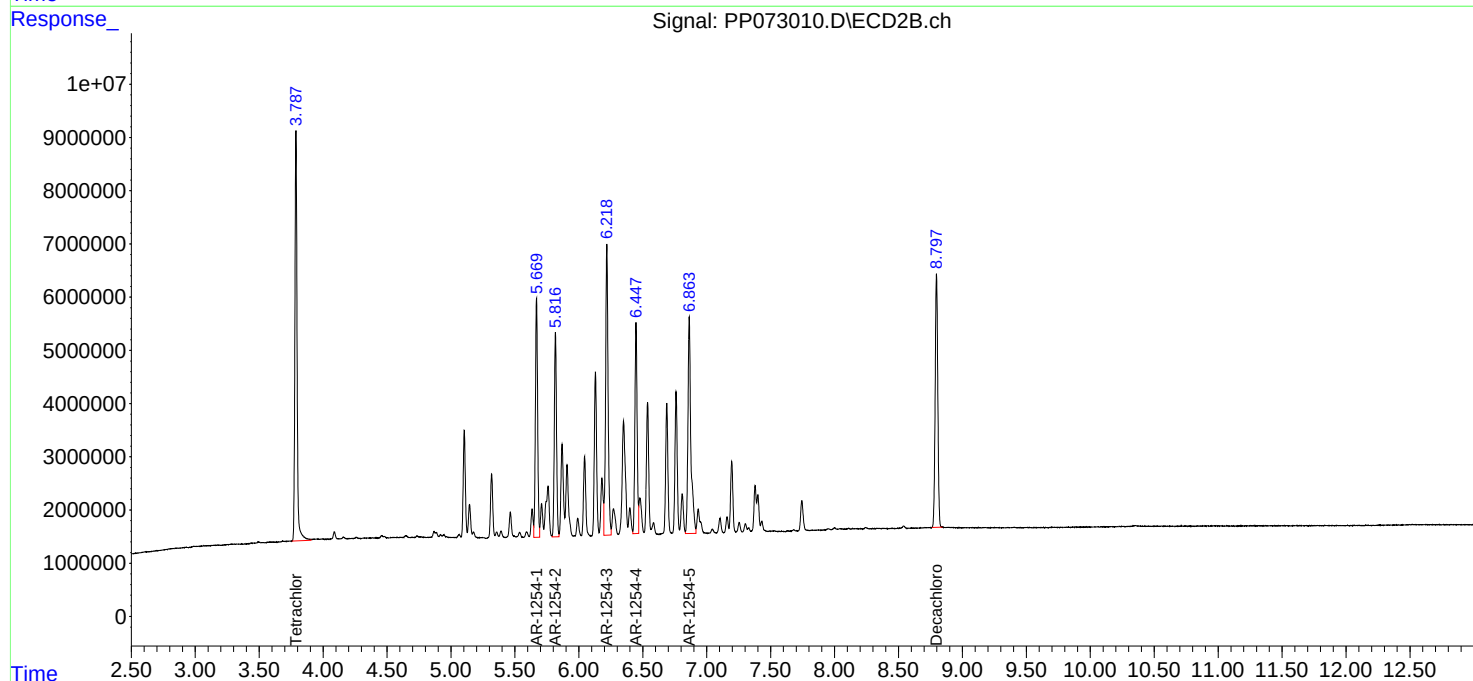
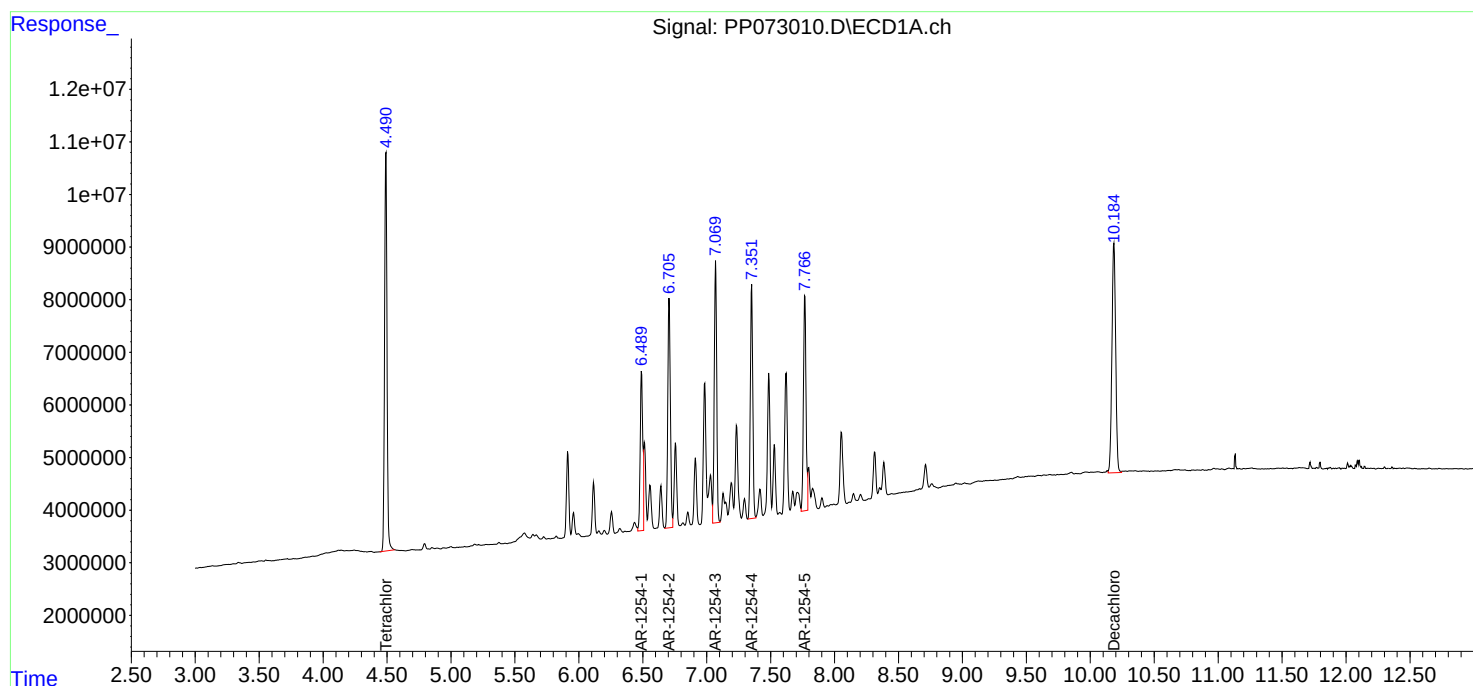
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:59
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 18:15
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:15:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.787	53995626	48425502	26.736	26.370
2) SA Decachlor...	10.187	8.798	48386774	35966629	27.250	26.557
Target Compounds						
26) L6 AR-1254-1	6.494	5.669	22222846	30120932	271.815	277.975
27) L6 AR-1254-2	6.710	5.817	33405246	25933264	270.800	280.067
28) L6 AR-1254-3	7.074	6.220	35283260	40281223	270.649	273.432
29) L6 AR-1254-4	7.356	6.448	32025282	26724209	271.524	276.431
30) L6 AR-1254-5	7.772	6.865	30977378	35516842	267.065	274.053

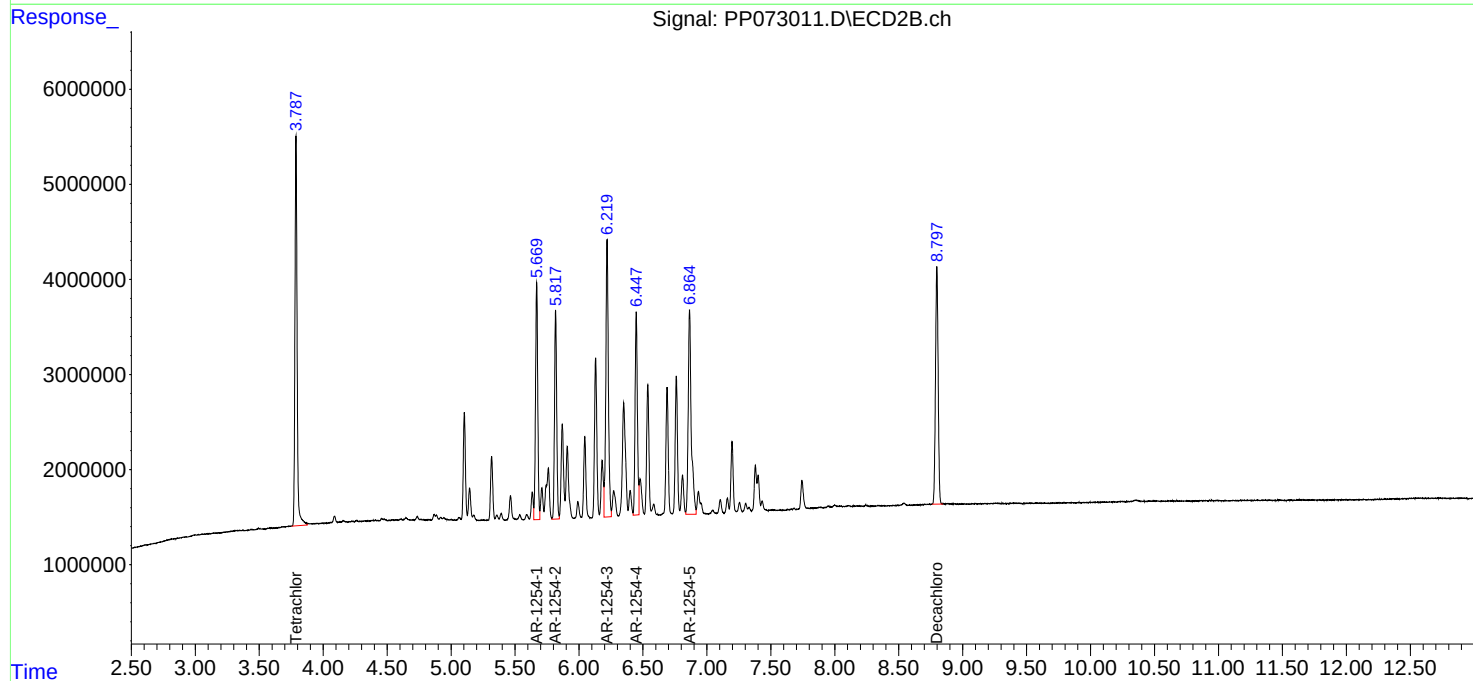
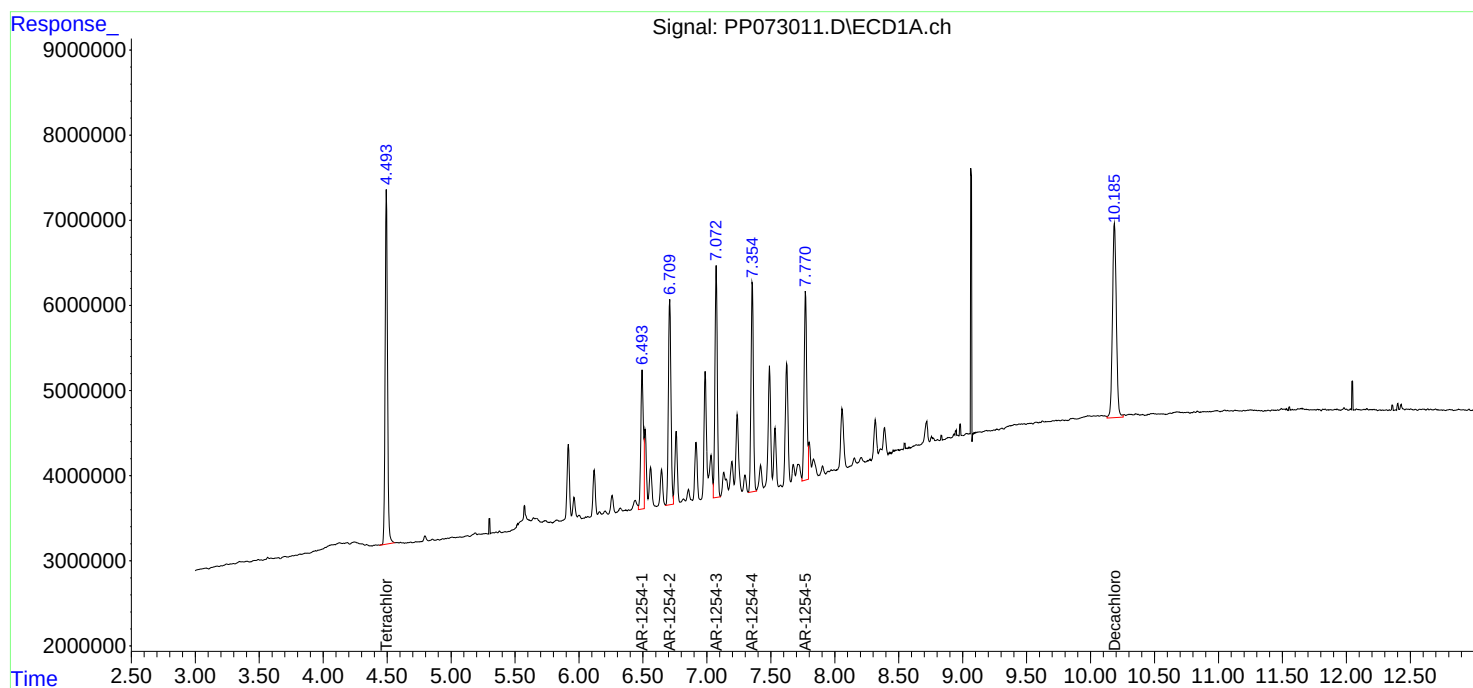
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:15
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 18:32
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:37:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:13:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	10371325	8942875	5.178	4.955
2) SA Decachlor...	10.185	8.796	8297458	7139546	4.676	5.346
Target Compounds						
26) L6 AR-1254-1	6.490	5.668	4878612	6145380	60.361	57.792
27) L6 AR-1254-2	6.707	5.816	6994986	5386264	57.441	59.027
28) L6 AR-1254-3	7.069	6.218	6951737	8116990	53.783	56.427
29) L6 AR-1254-4	7.352	6.446	6480102	5405051	55.230	57.287
30) L6 AR-1254-5	7.768	6.862	5609267	6943417	48.872	54.357

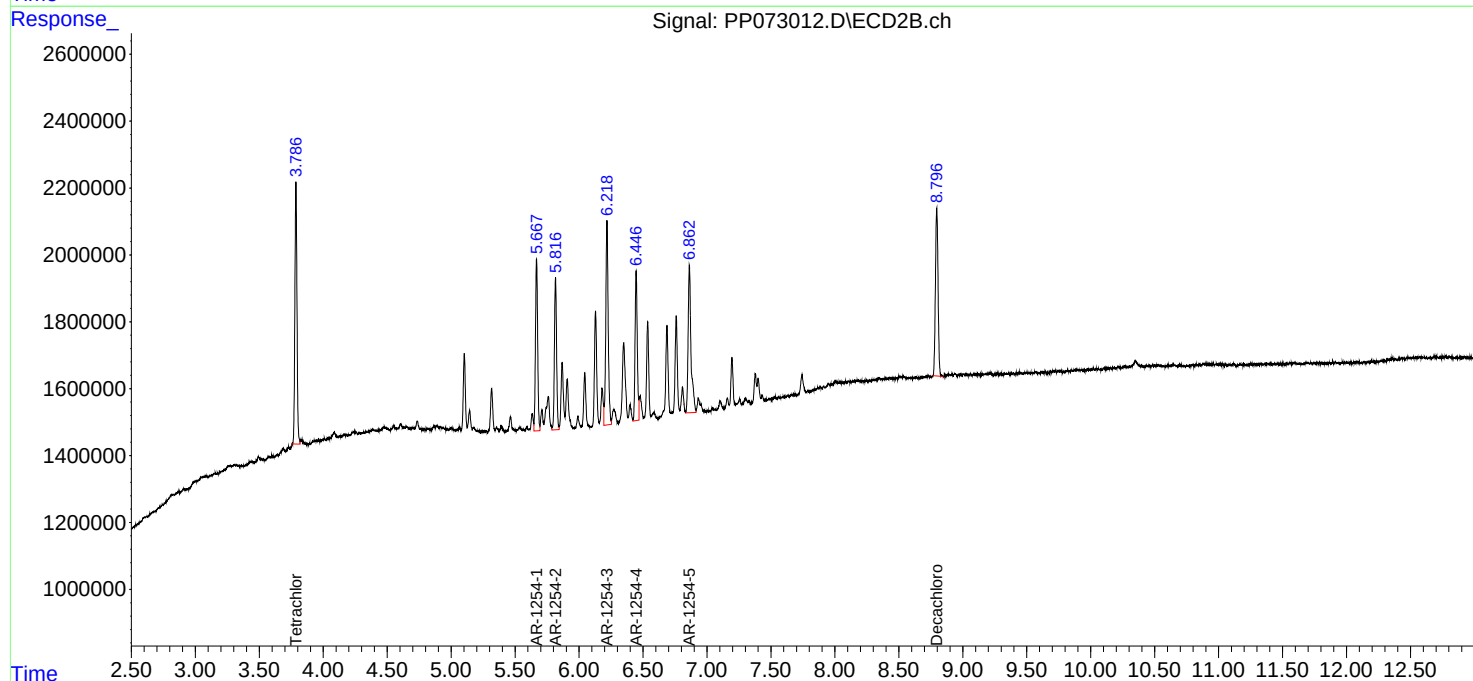
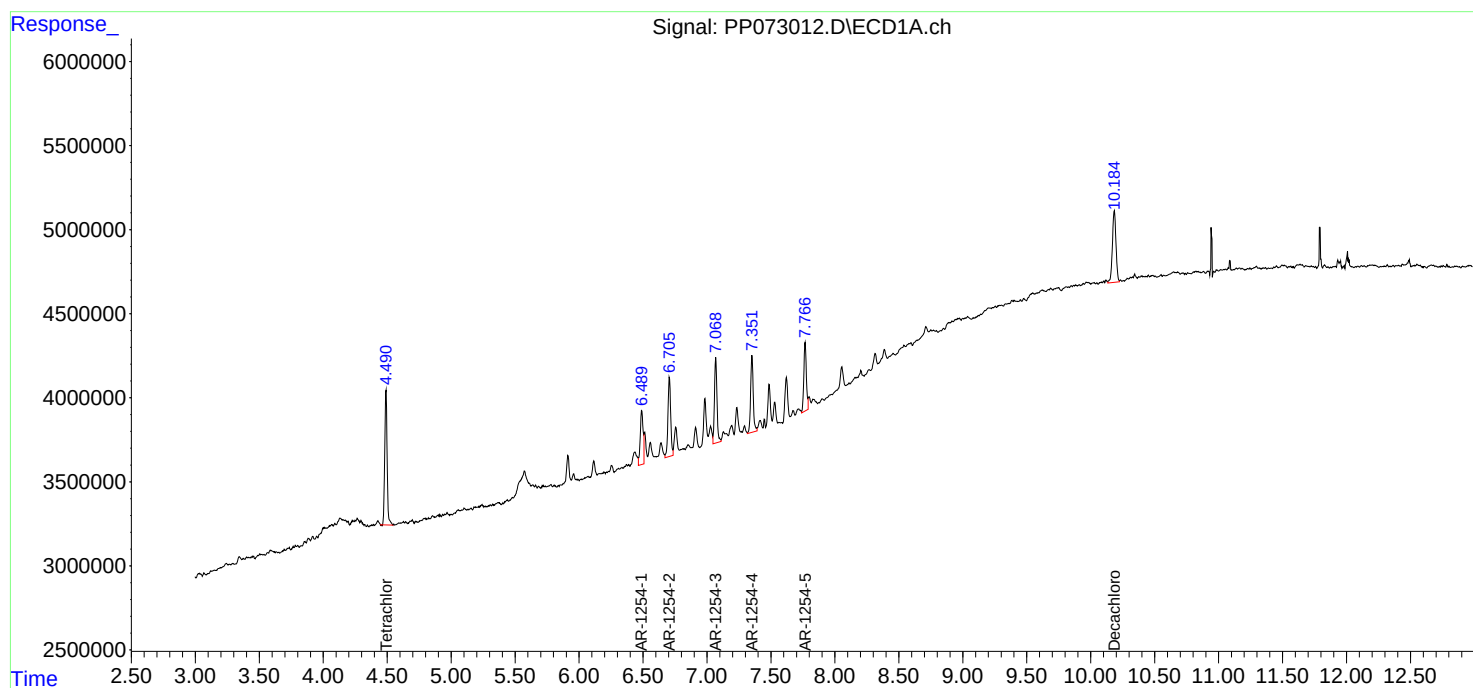
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:32
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:37:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 18:48
 Operator : YP\AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 03:59:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 03:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	107.5E6	92711514	50.000	50.000
2) SA Decachlor...	10.187	8.797	104.8E6	73040112	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.070	6.901	74011533	72233427	500.000	500.000
37) L8 AR-1262-2	8.388	7.159	158.2E6	61115310	500.000	500.000
38) L8 AR-1262-3	8.702	7.681	107.0E6	56351432	500.000	500.000
39) L8 AR-1262-4	8.788	7.747	78796607	91678162	500.000	500.000
40) L8 AR-1262-5	9.438	8.244	55931783	43292649	500.000	500.000

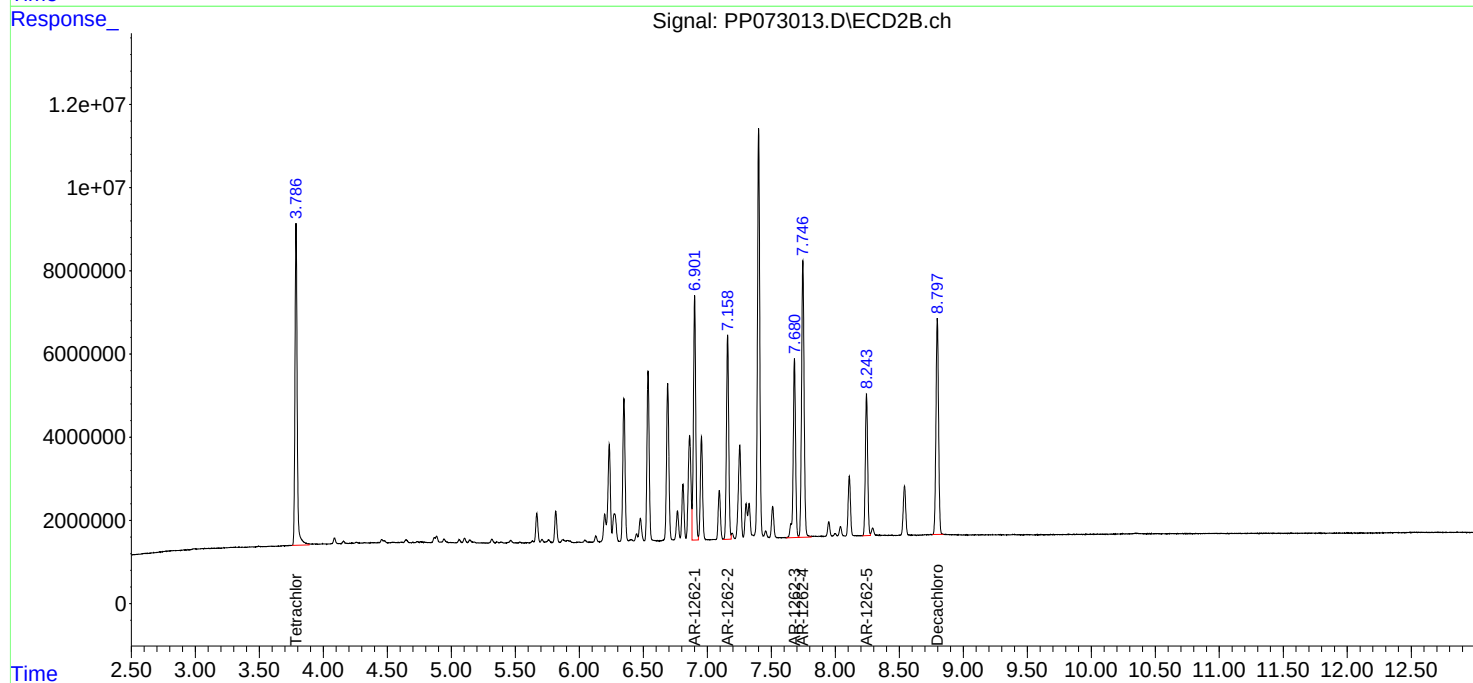
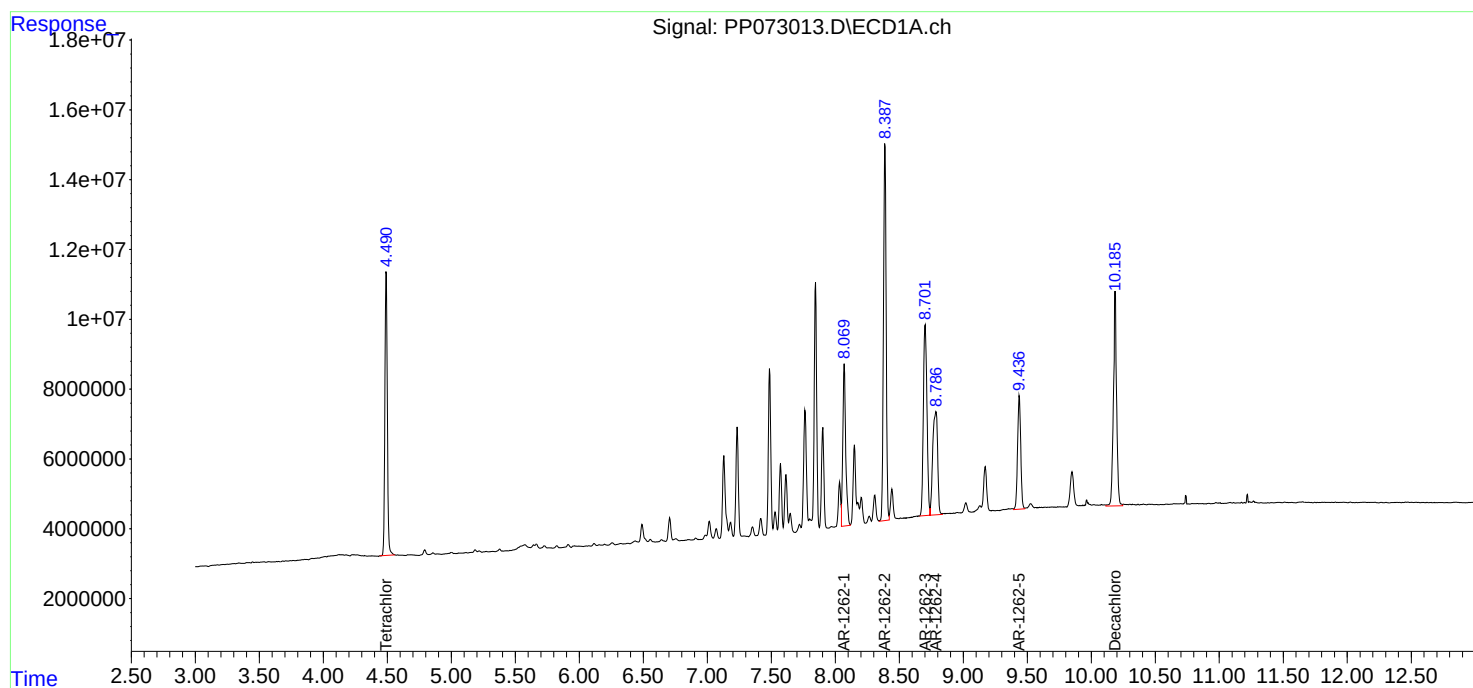
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:48
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:59:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:54:29 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:04
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.788	196.5E6	179.8E6	95.097	97.953
2) SA Decachlor...	10.188	8.797	300.3E6	221.6E6	93.697	90.868
Target Compounds						
41) L9 AR-1268-1	8.701	7.682	342.6E6	263.8E6	962.665	939.490
42) L9 AR-1268-2	8.794	7.748	290.4E6	236.5E6	958.582	939.469
43) L9 AR-1268-3	9.022	7.951	250.0E6	197.4E6	953.538	933.249
44) L9 AR-1268-4	9.439	8.244	114.6E6	83966367	971.108	902.817
45) L9 AR-1268-5	9.852	8.542	713.8E6	544.2E6	966.370	926.446

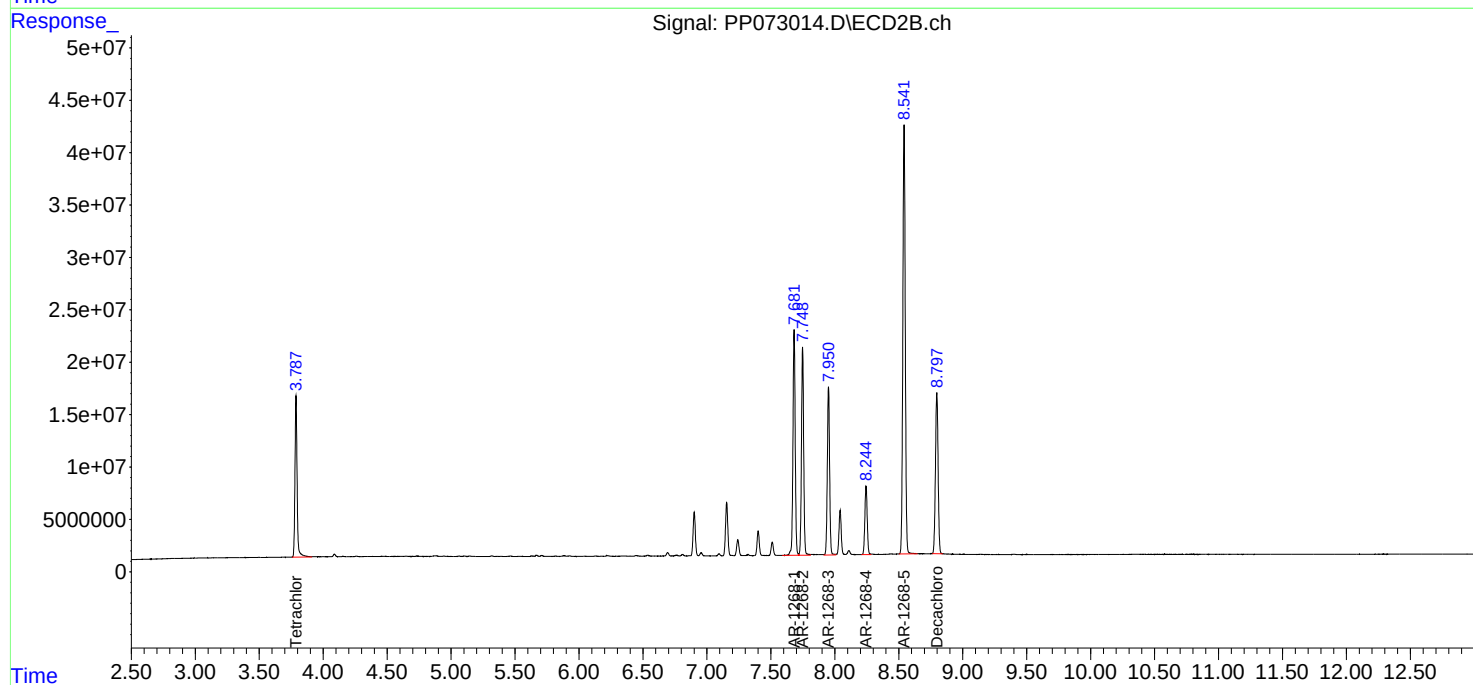
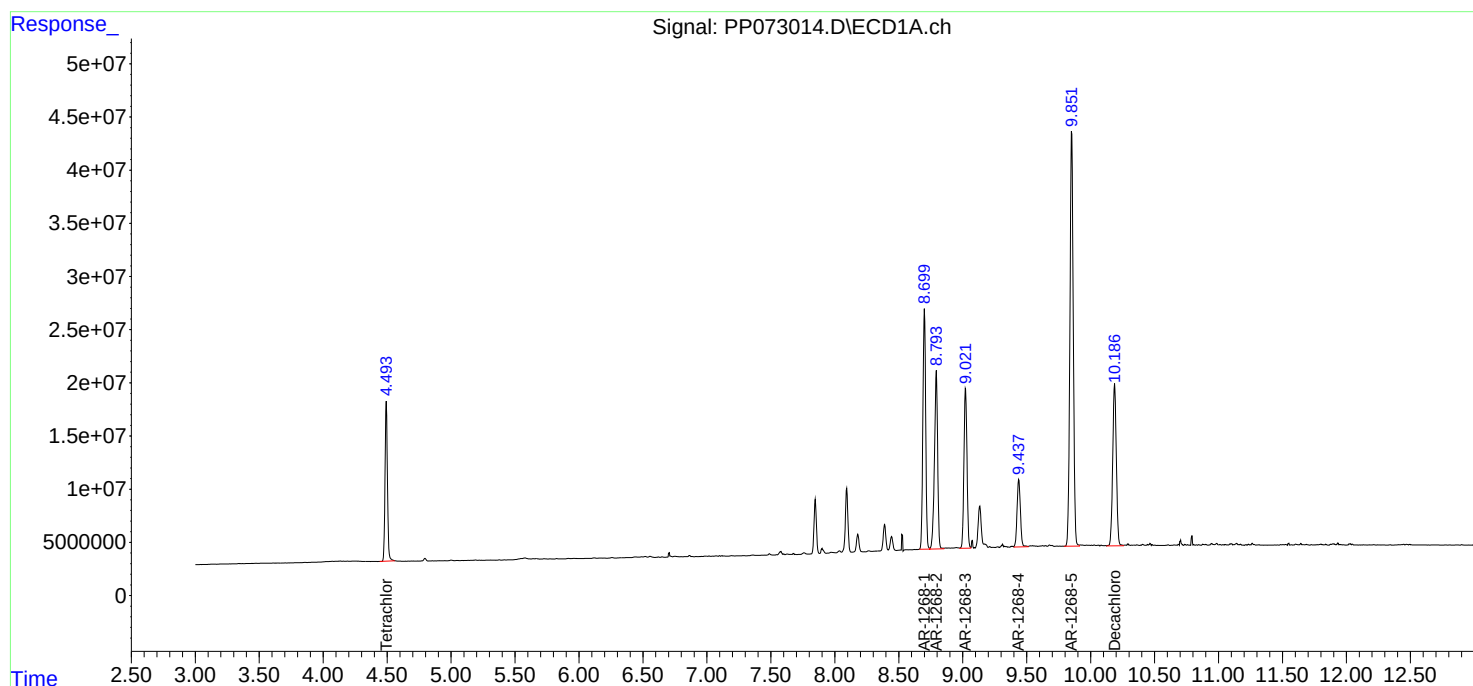
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:04
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073015.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:21
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	151.0E6	136.2E6	73.083	74.193
2) SA Decachlor...	10.184	8.797	233.0E6	173.6E6	72.700	71.159
Target Compounds						
41) L9 AR-1268-1	8.698	7.681	259.4E6	208.3E6	728.994	741.731
42) L9 AR-1268-2	8.791	7.748	220.2E6	188.6E6	726.936	749.248
43) L9 AR-1268-3	9.019	7.950	190.1E6	157.9E6	725.220	746.372
44) L9 AR-1268-4	9.437	8.245	86374148	68247946	731.613	733.811
45) L9 AR-1268-5	9.848	8.541	551.9E6	429.3E6	747.194	730.927

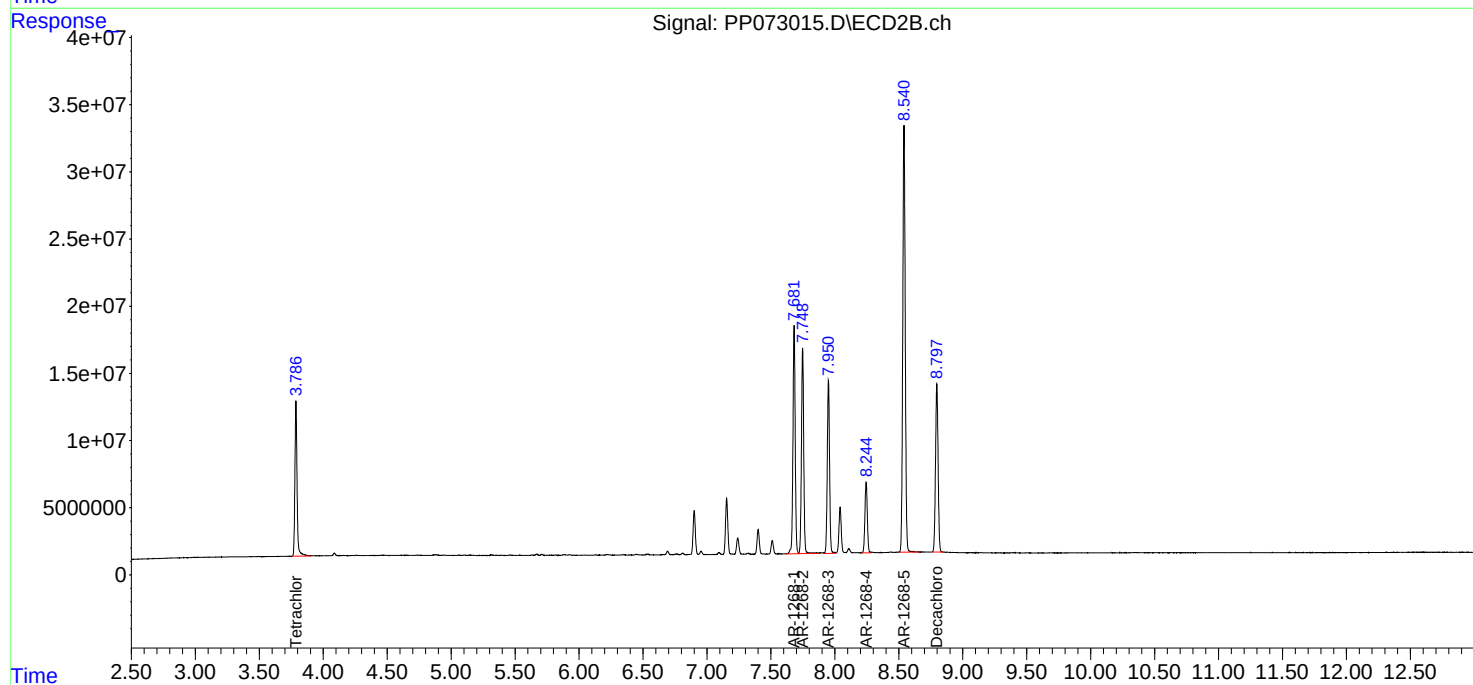
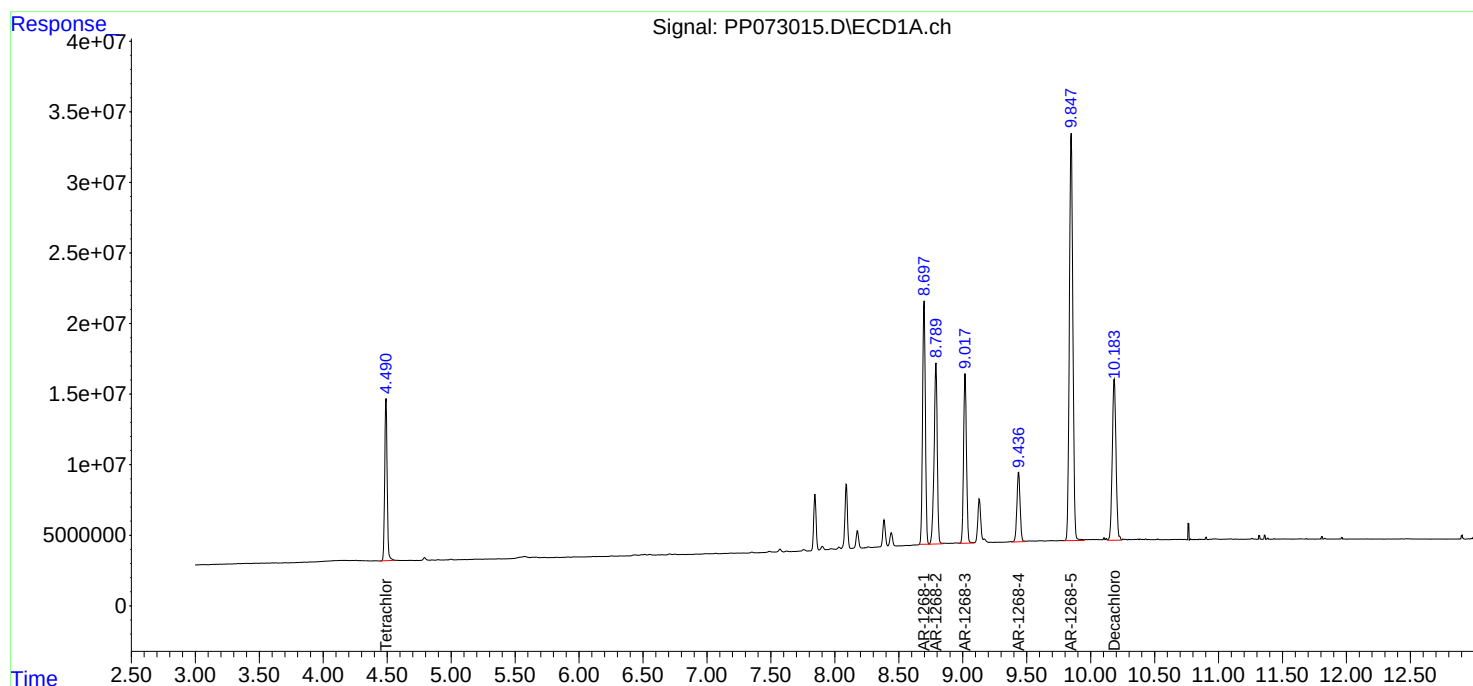
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:21
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:37
 Operator : YP\AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	103.3E6	91796104	50.000	50.000
2) SA Decachlor...	10.184	8.798	160.2E6	121.9E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.698	7.682	177.9E6	140.4E6	500.000	500.000
42) L9 AR-1268-2	8.791	7.748	151.5E6	125.9E6	500.000	500.000
43) L9 AR-1268-3	9.019	7.950	131.1E6	105.8E6	500.000	500.000
44) L9 AR-1268-4	9.437	8.245	59029925	46502419	500.000	500.000
45) L9 AR-1268-5	9.849	8.542	369.3E6	293.7E6	500.000	500.000

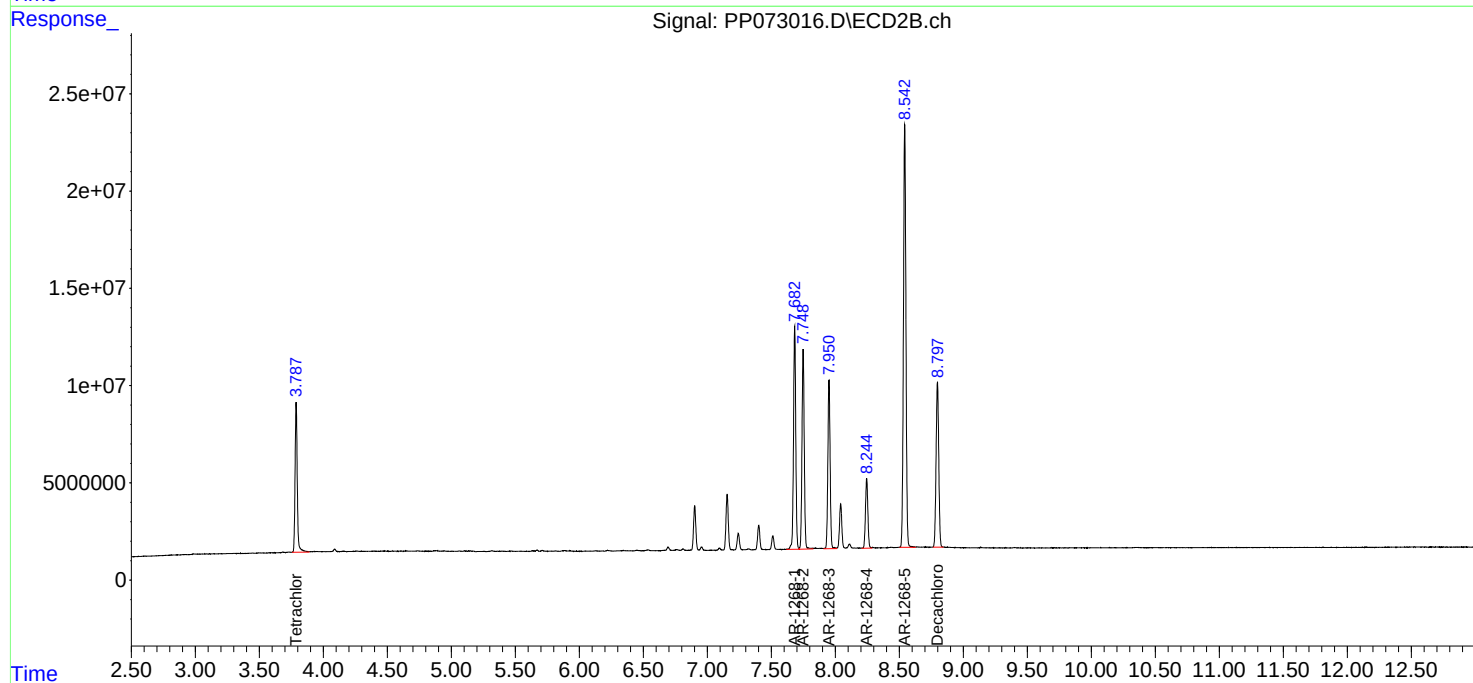
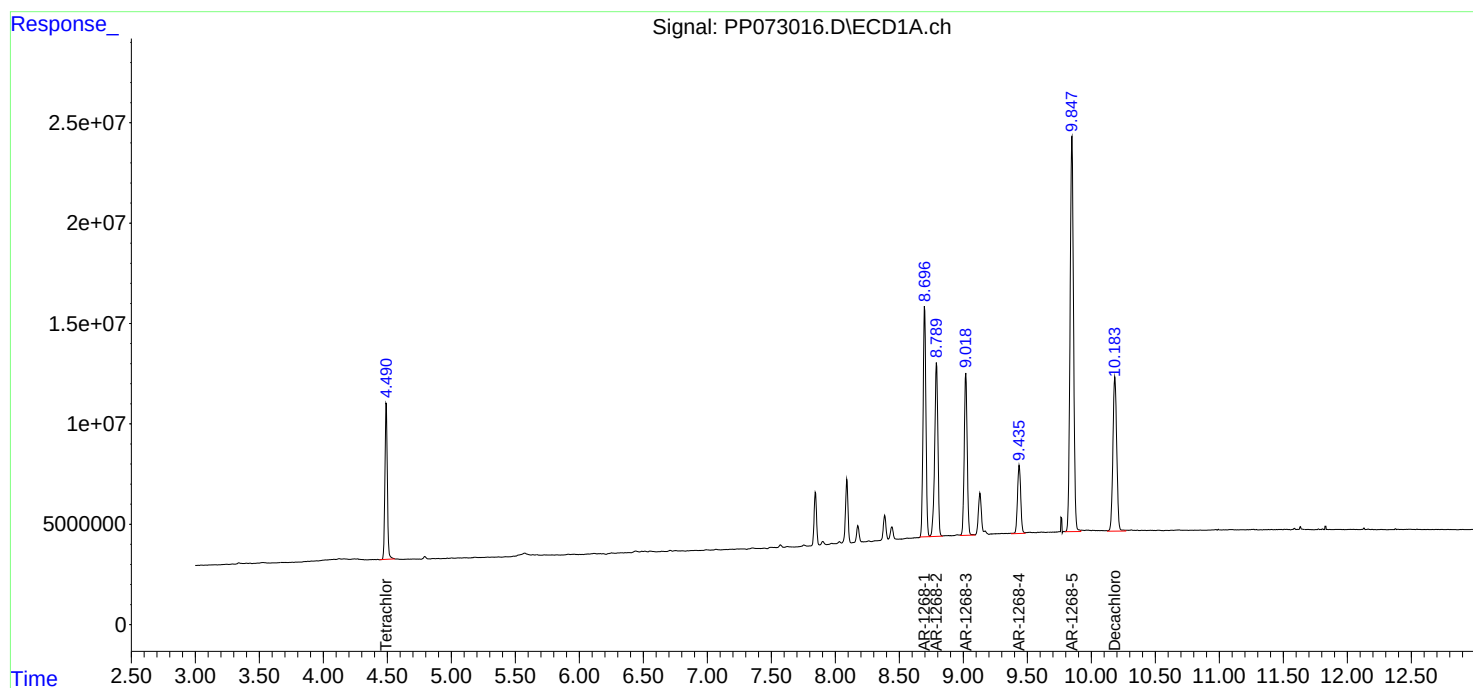
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:37
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 19:53
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.496	3.787	58356921	50461433	28.236	27.486
2) SA Decachlor...	10.188	8.798	89712688	66943275	27.993	27.448
Target Compounds						
41) L9 AR-1268-1	8.701	7.681	99649369	78256106	279.995	278.690
42) L9 AR-1268-2	8.794	7.748	85229522	70075104	281.317	278.402
43) L9 AR-1268-3	9.023	7.951	73808064	57897140	281.523	273.672
44) L9 AR-1268-4	9.440	8.244	32217924	25871226	272.895	278.171
45) L9 AR-1268-5	9.852	8.541	205.0E6	155.9E6	277.502	265.410

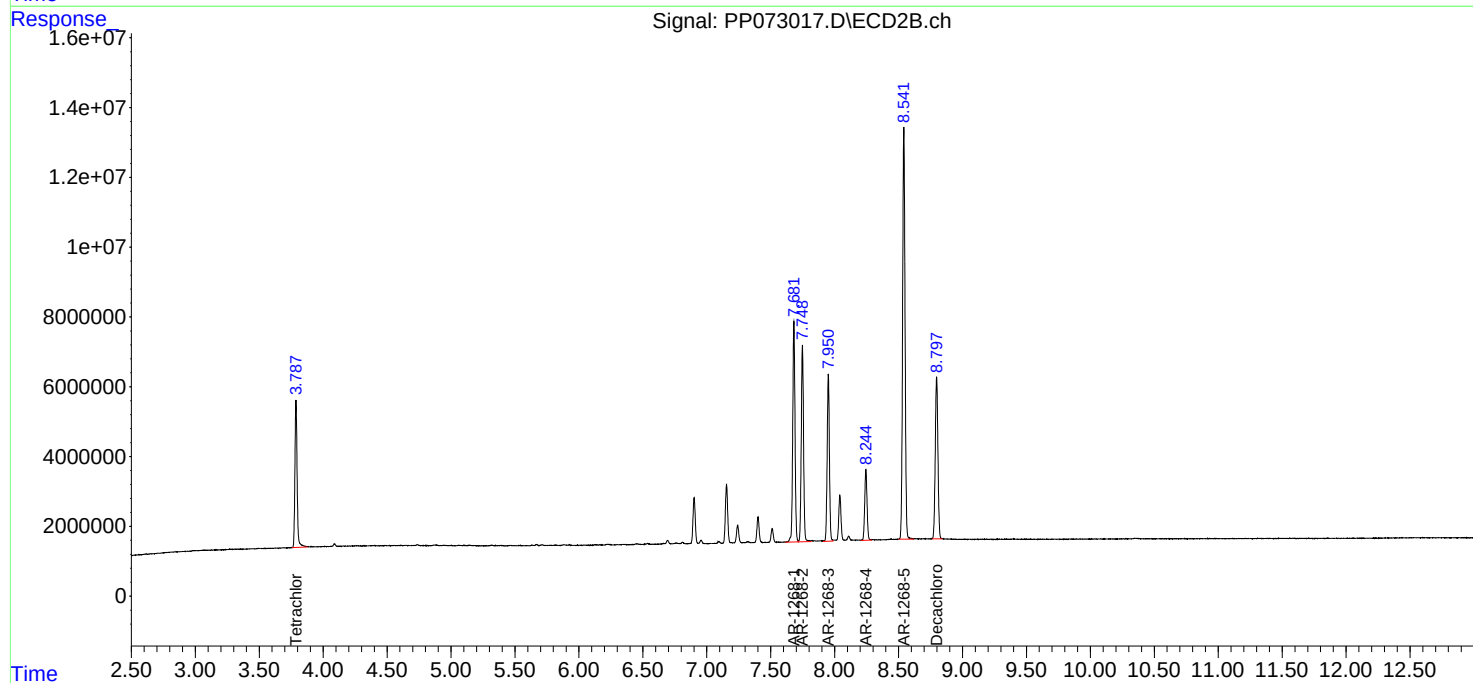
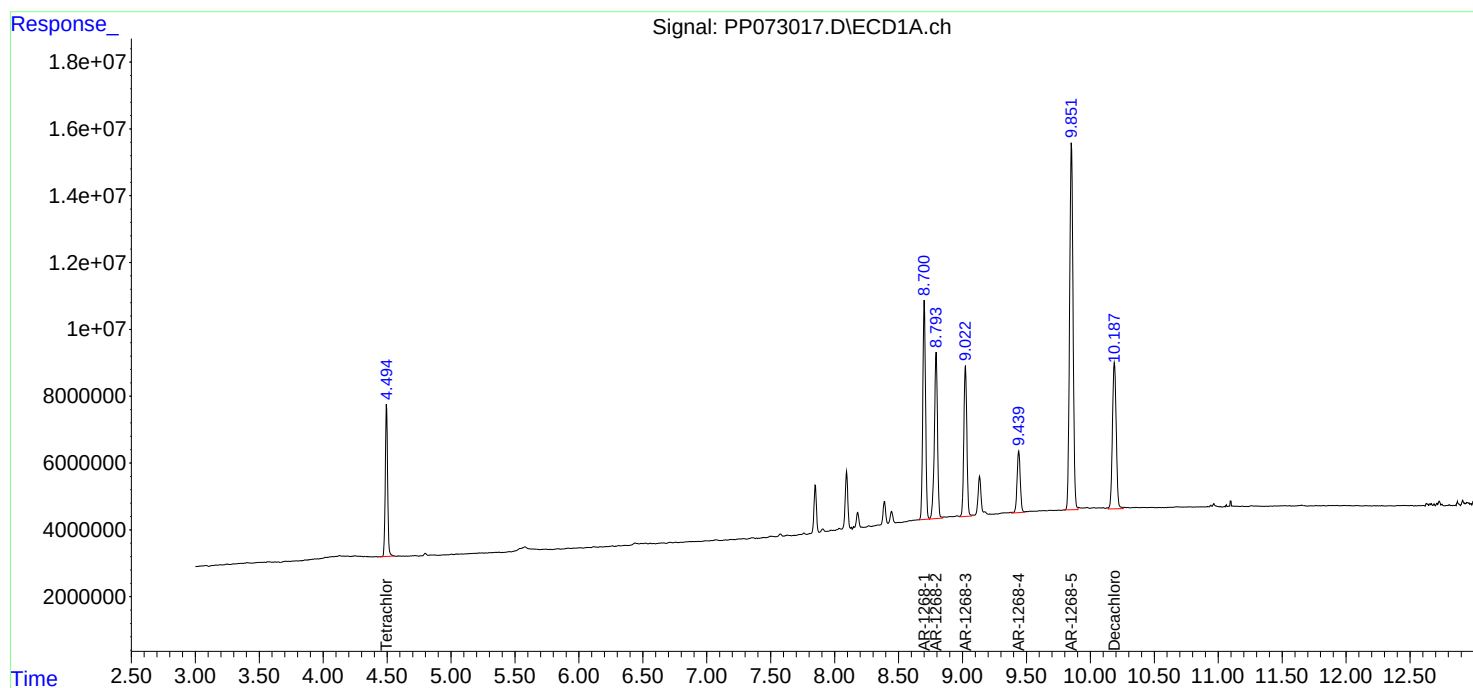
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:53
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073018.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 20:10
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 04:53:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.786	10029221	9050192	4.853	4.930
2) SA Decachlor...	10.184	8.796	15314982	12260520	4.779	5.027
Target Compounds						
41) L9 AR-1268-1	8.696	7.680	17254161	15048880	48.481m	53.593
42) L9 AR-1268-2	8.790	7.746	14867672	13283145	49.074	52.773
43) L9 AR-1268-3	9.018	7.949	13332874	11429424	50.855	54.025
44) L9 AR-1268-4	9.436	8.244	5418847	4973715	45.899	53.478
45) L9 AR-1268-5	9.847	8.540	34494195	28320267	46.698	48.214

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:10
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

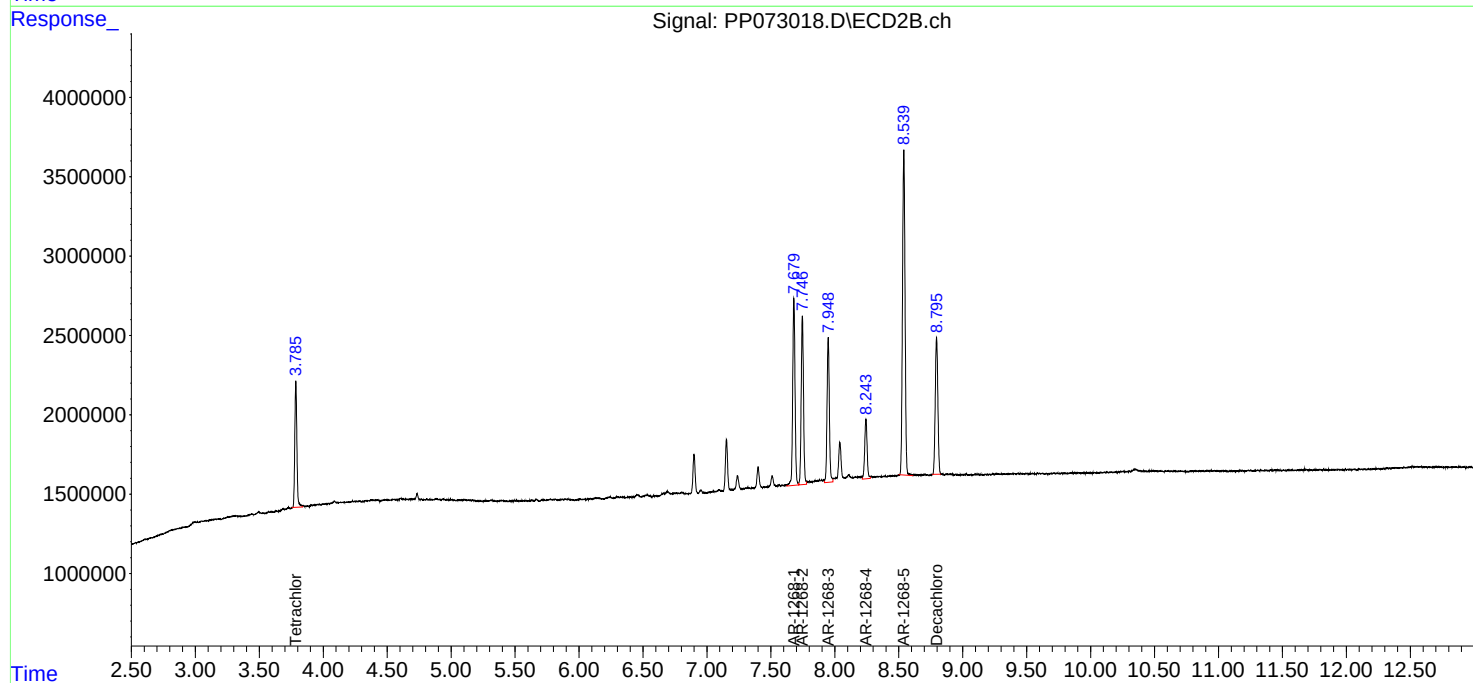
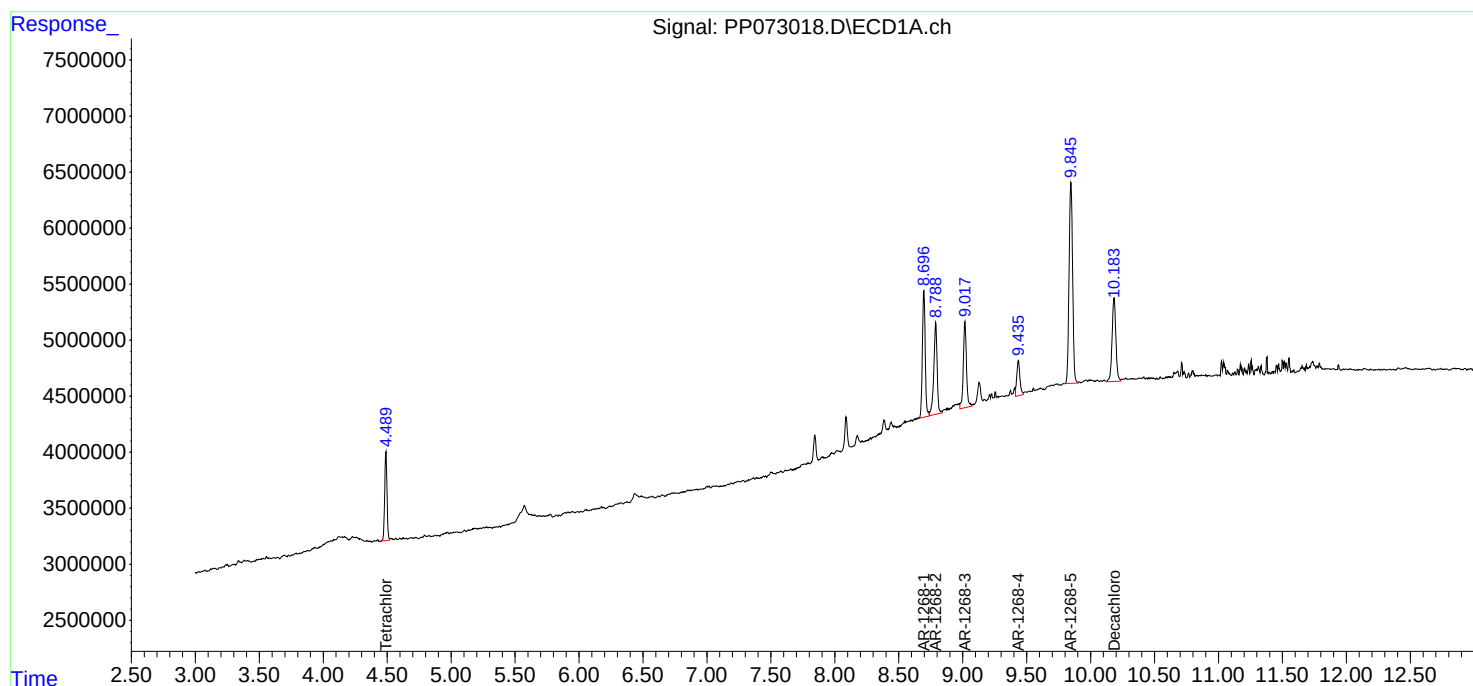
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 20:26
 Operator : YP\AJ
 Sample : PP061725ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:19:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.787	102.4E6	84780948	48.502	47.054
2) SA Decachlor...	10.185	8.798	88134159	65610503	51.574	49.157
Target Compounds						
3) L1 AR-1016-1	5.643	4.868	34283004	31370756	471.753	456.516
4) L1 AR-1016-2	5.664	4.885	52760713	46236637	507.214	459.433
5) L1 AR-1016-3	5.726	5.063	32353382	25682799	495.091	469.382
6) L1 AR-1016-4	5.824	5.104	27096777	20809798	518.293	467.115
7) L1 AR-1016-5	6.116	5.318	24656000	26955694	493.070	487.601
31) L7 AR-1260-1	7.233	6.349	45281165	44988738	513.314	474.912
32) L7 AR-1260-2	7.487	6.538	66977494	55045689	492.903	472.754
33) L7 AR-1260-3	7.844	6.690	57882518	49928991	507.064	479.344
34) L7 AR-1260-4	8.069	7.159	53835037	41317033	522.439	470.911
35) L7 AR-1260-5	8.387	7.402	123.5E6	100.9E6	513.243	472.947

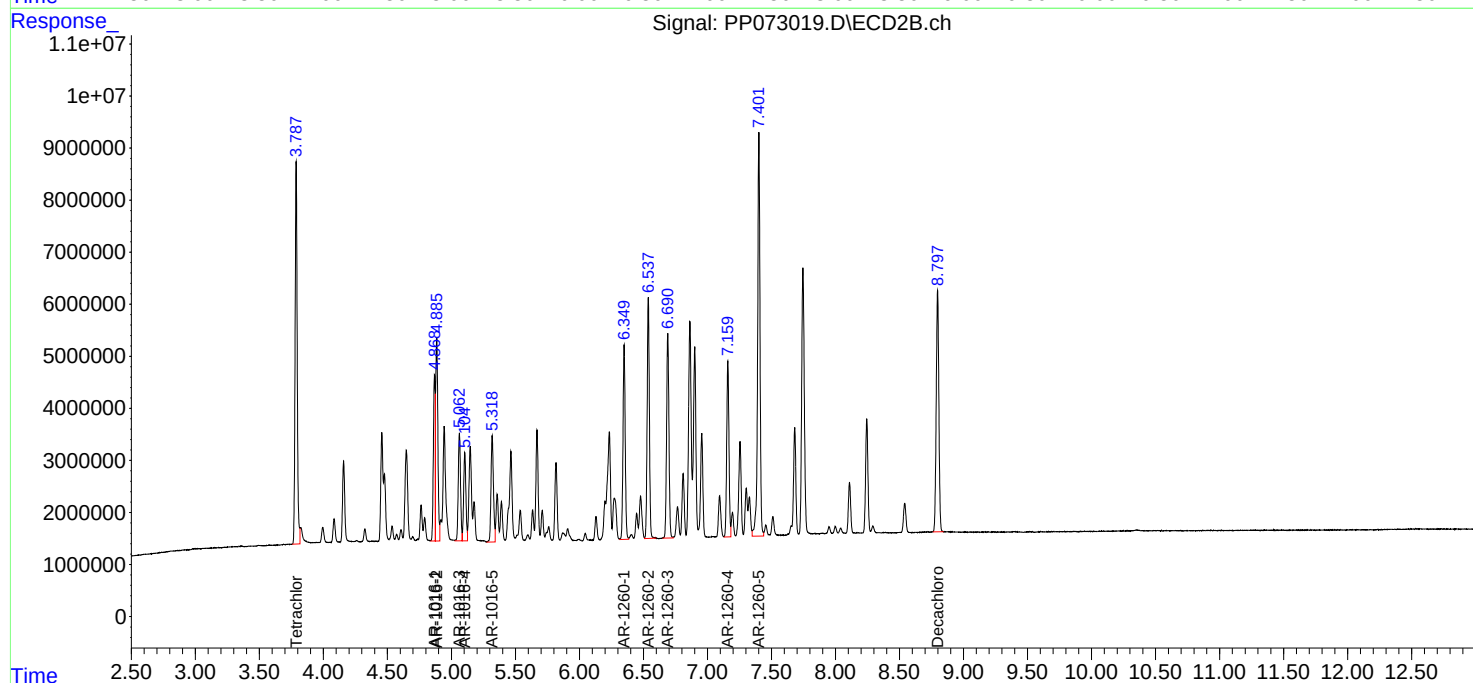
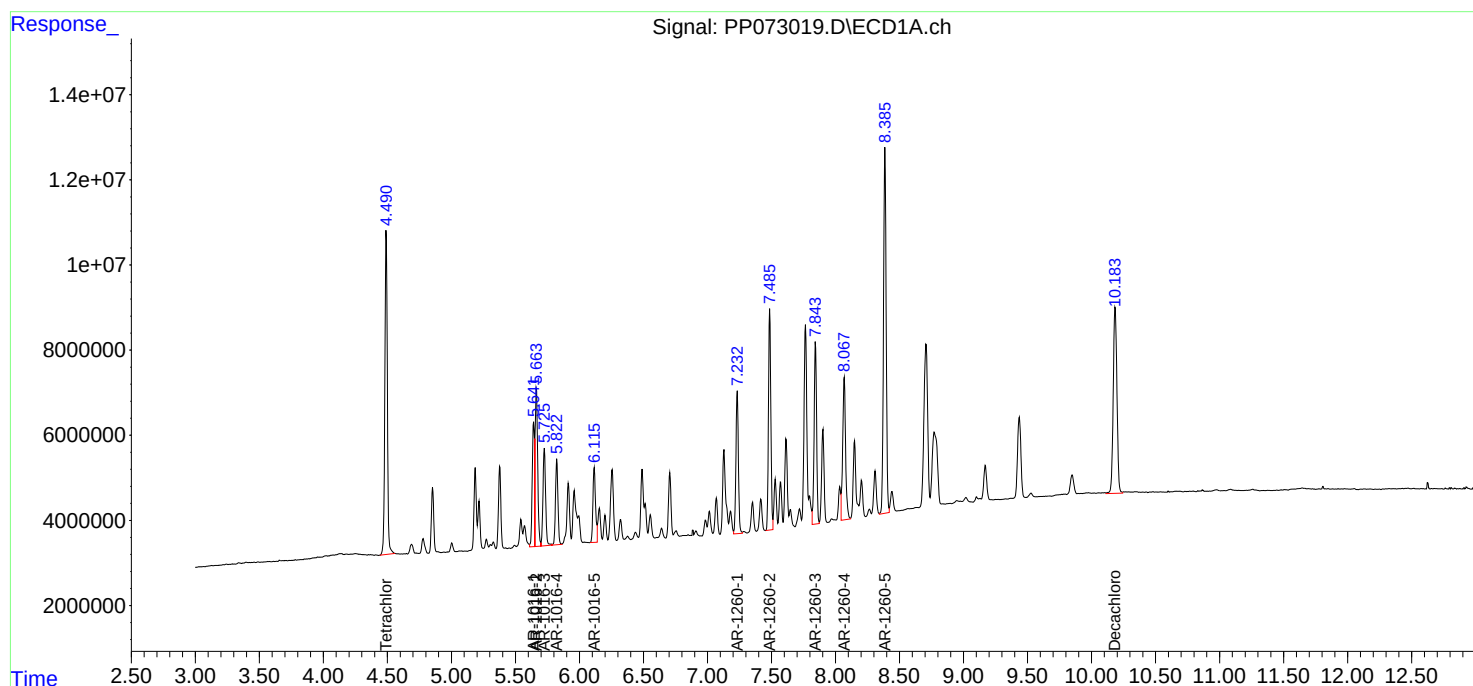
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:26
Operator : YP\AJ
Sample : PP061725ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073020.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 20:59
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:20:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	102.7E6	89165293	48.676	49.487
2) SA Decachlor...	10.185	8.797	89832377	67954033	52.568	50.913
Target Compounds						
16) L4 AR-1242-1	5.644	4.867	30486412	27109139	521.695	490.939
17) L4 AR-1242-2	5.665	4.885	45319999	40235770	523.602	506.197
18) L4 AR-1242-3	5.727	5.061	27904882	22310119	529.427	515.186
19) L4 AR-1242-4	5.825	5.146	23738448	21455150	540.023	516.944
20) L4 AR-1242-5	6.555	5.668	24940736	26914596	503.247	511.815

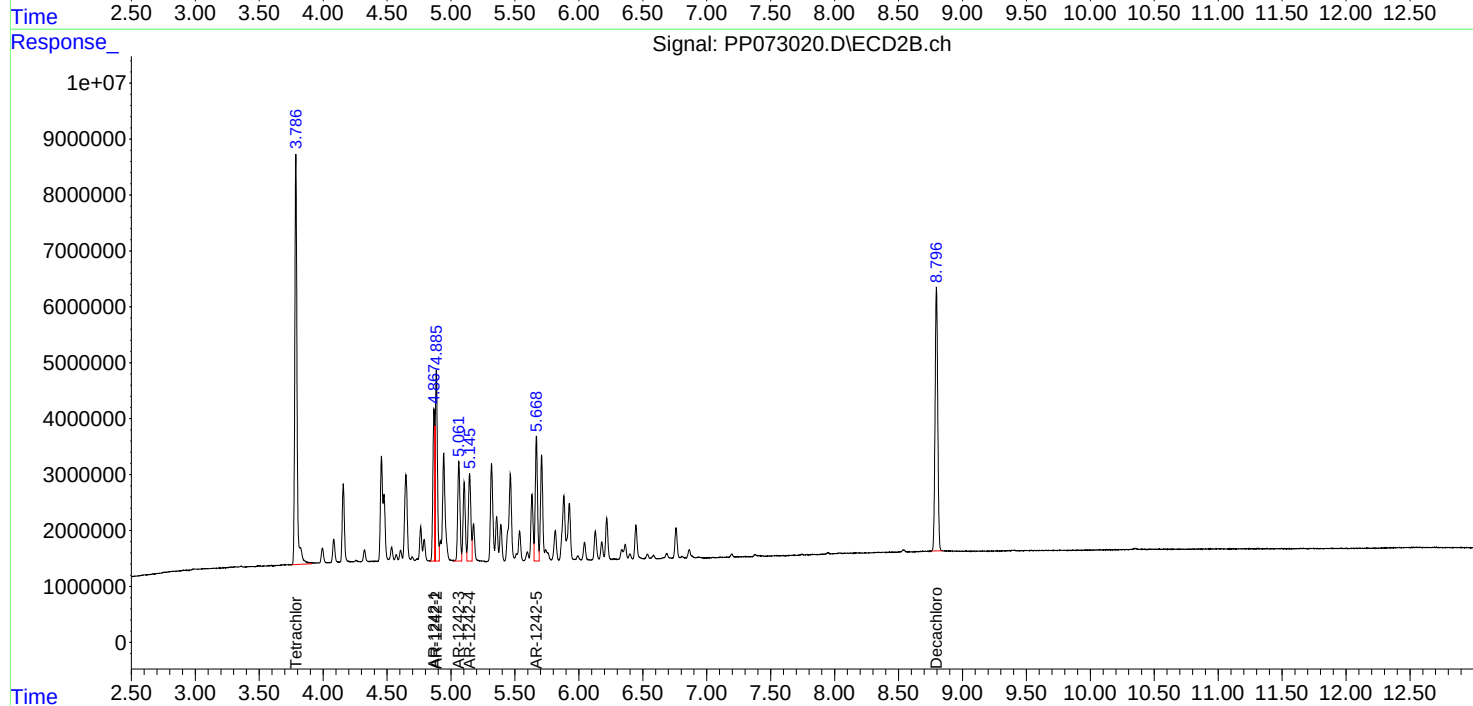
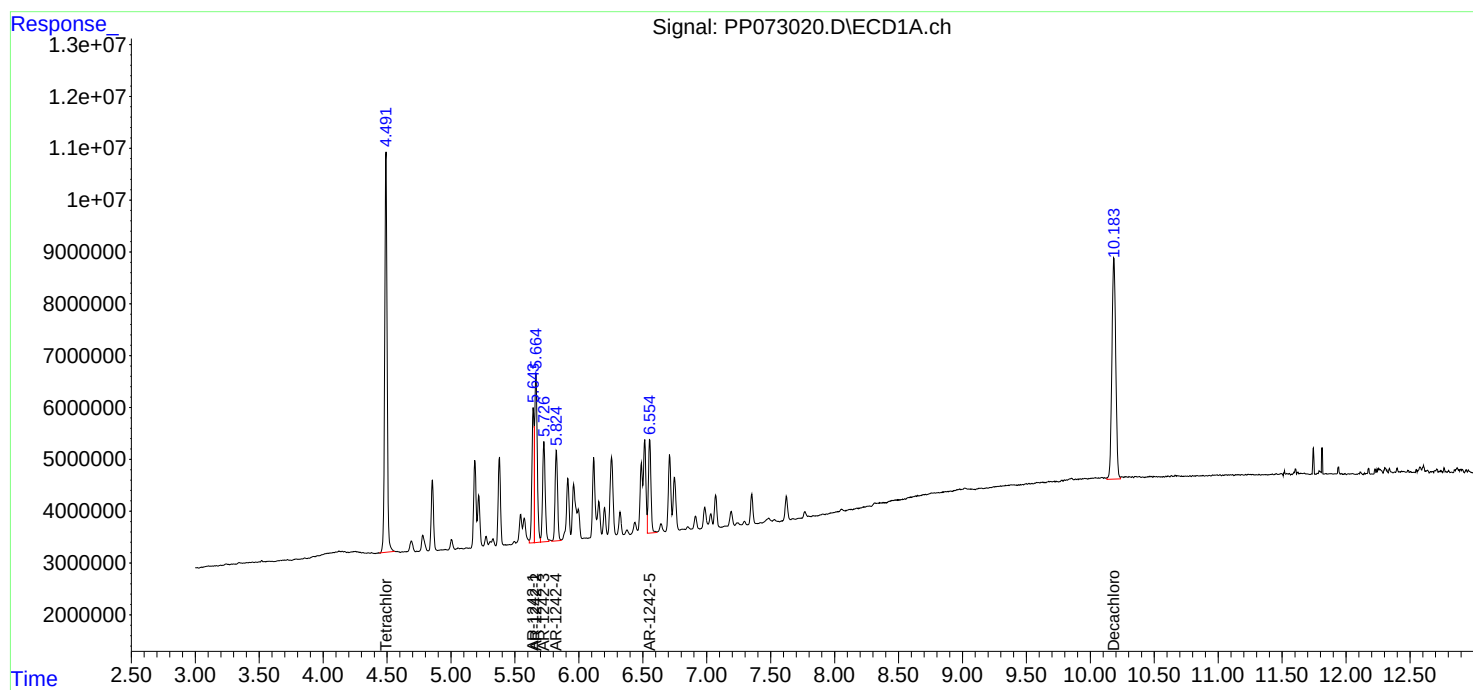
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:59
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 21:31
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:20:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.788	96332820	84471045	45.638	46.882
2) SA Decachlor...	10.185	8.797	87789069	66241560	51.372	49.630
Target Compounds						
21) L5 AR-1248-1	5.642	4.868	22394116	21077306	470.777	483.531
22) L5 AR-1248-2	5.913	5.104	29019975	29078731	495.636	496.261
23) L5 AR-1248-3	6.116	5.146	32767571	30301180	502.190	500.481
24) L5 AR-1248-4	6.515	5.318	40583980	35267510	477.097	503.660
25) L5 AR-1248-5	6.554	5.709	39935951	35247945	477.171	496.227

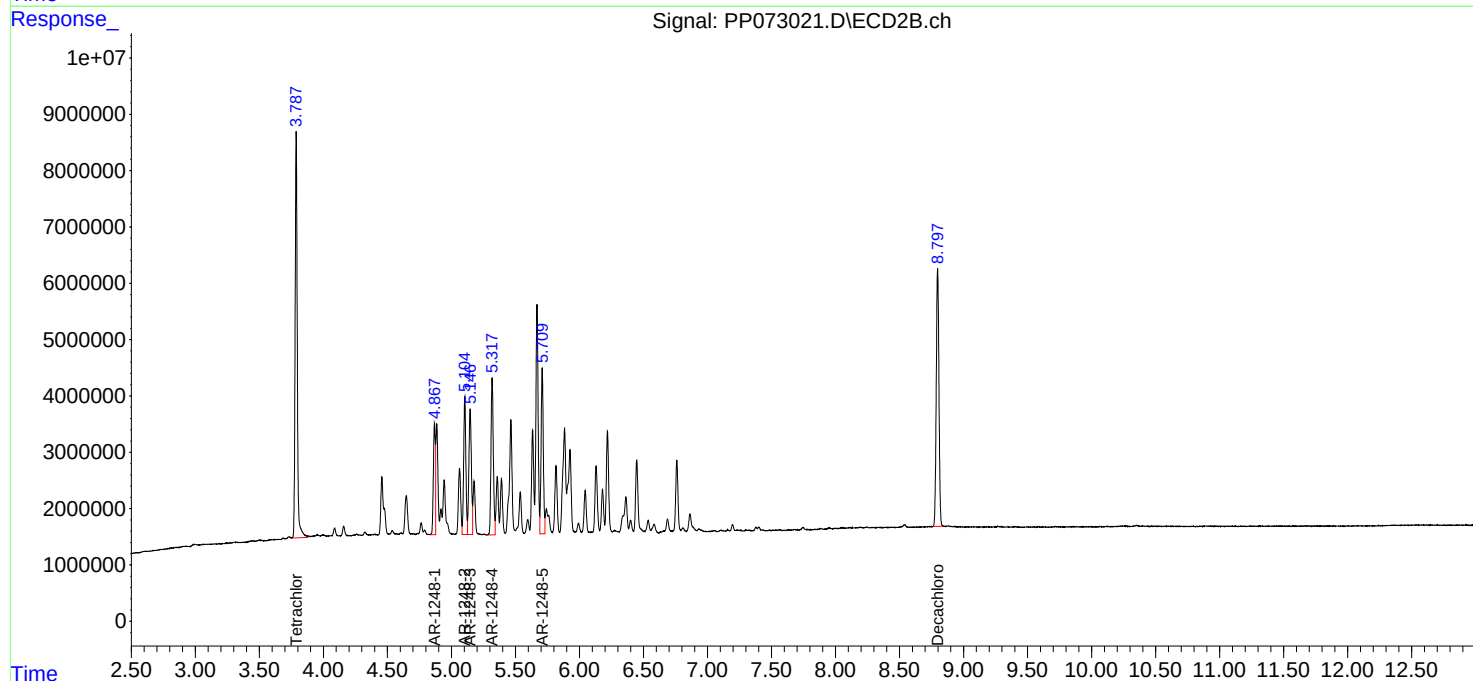
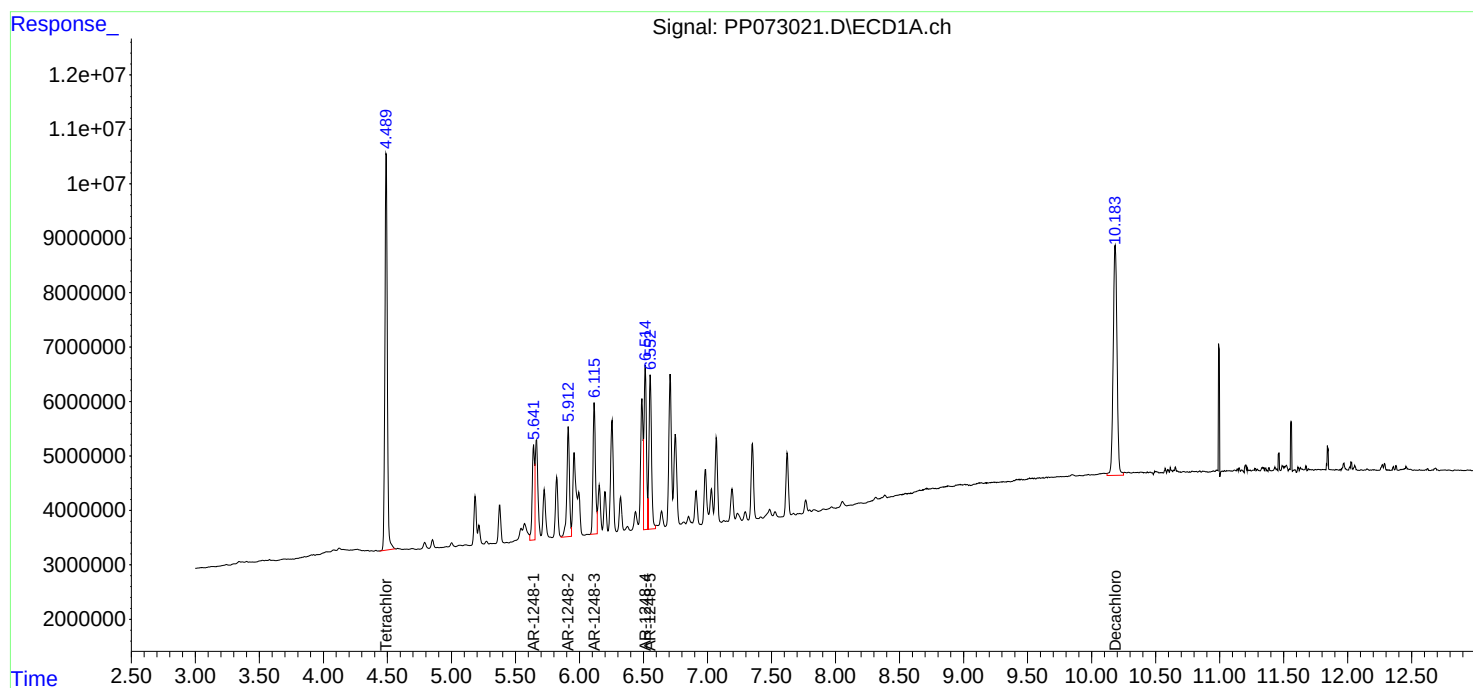
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 21:31
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 22:04
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 08:20:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.787	100.8E6	90635205	47.763	50.303
2) SA Decachlor...	10.185	8.796	89050275	67270654	52.110	50.401
Target Compounds						
26) L6 AR-1254-1	6.491	5.668	40577578	54215134	482.068	494.438
27) L6 AR-1254-2	6.708	5.816	61535998	46665321	490.714	493.571
28) L6 AR-1254-3	7.070	6.219	65365148	73632402	498.168	499.043
29) L6 AR-1254-4	7.353	6.447	59152495	48272969	493.827	497.142
30) L6 AR-1254-5	7.769	6.863	57656763	64307157	504.626	494.812

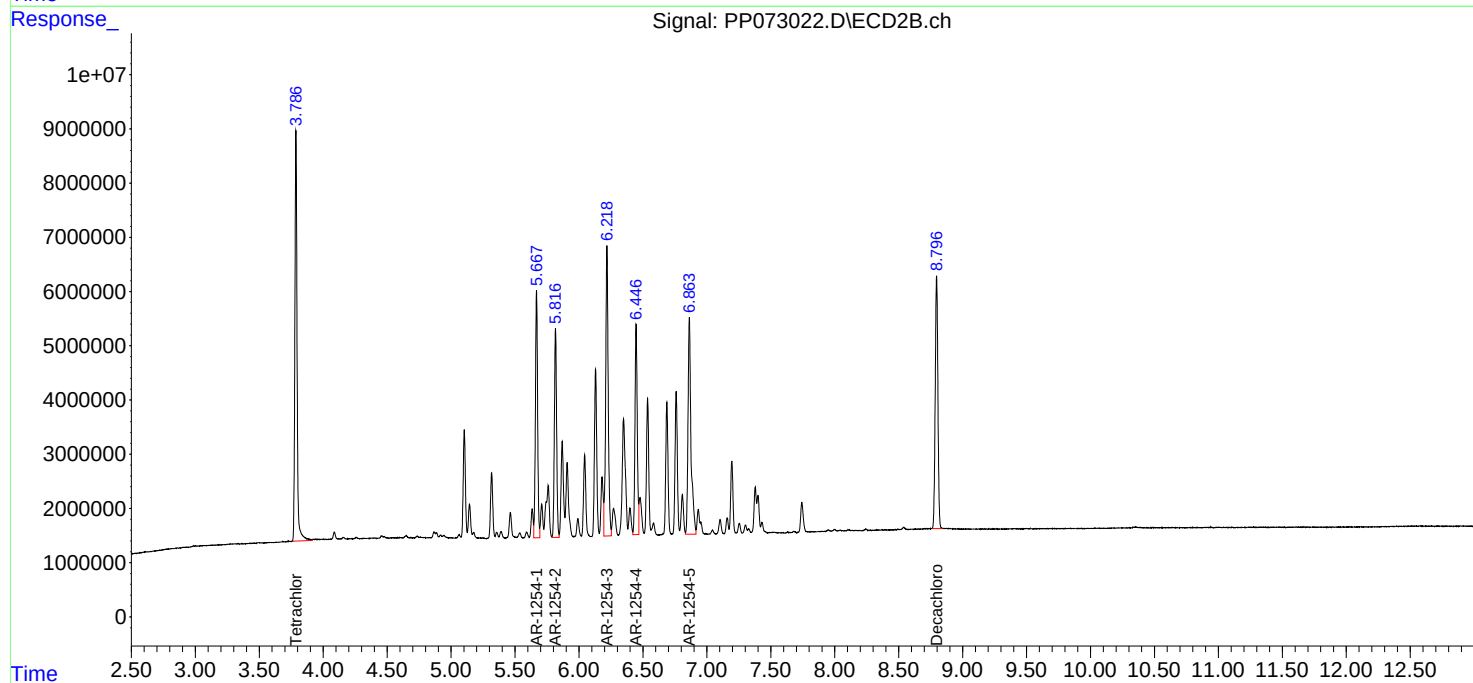
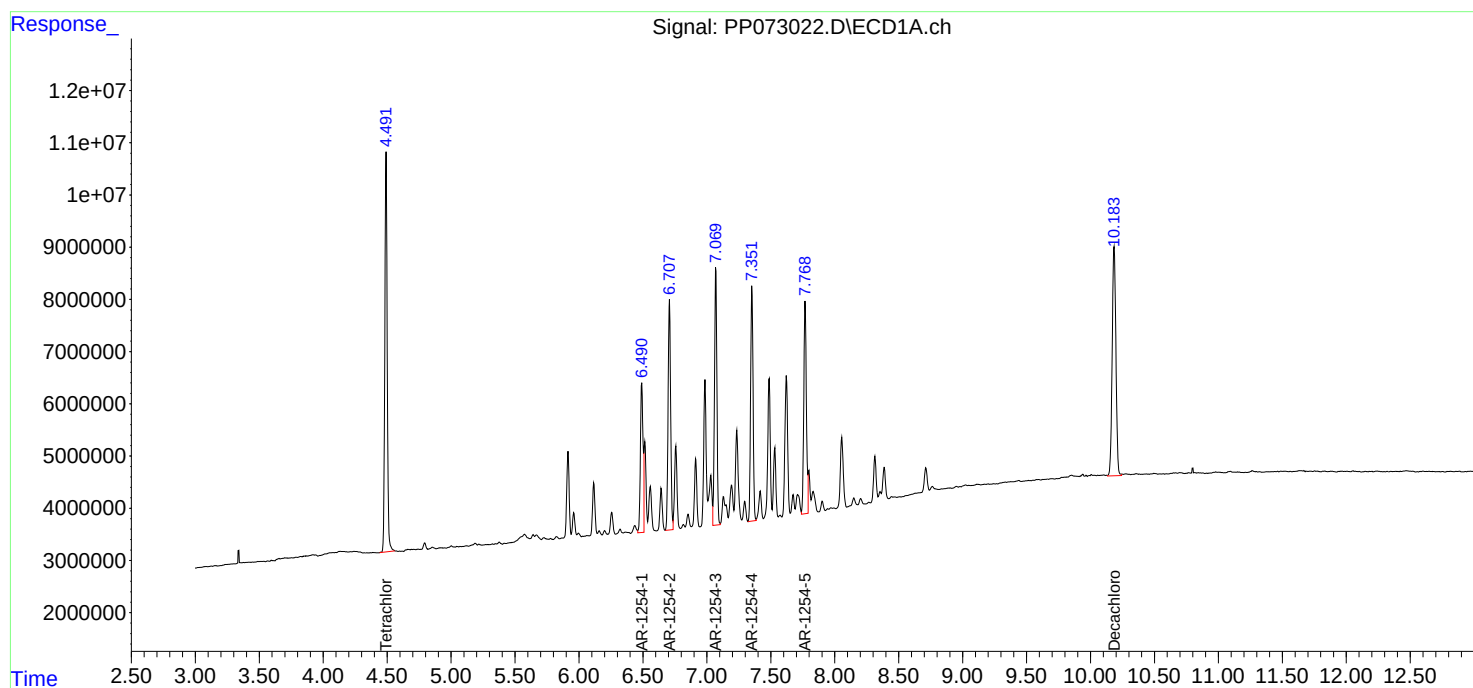
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:04
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
 Data File : PP073023.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 22:37
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP061725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 05:07:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 04:47:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.787	102.8E6	91641432	49.493	49.381
2) SA Decachlor...	10.184	8.798	161.0E6	120.6E6	50.410	49.836
Target Compounds						
41) L9 AR-1268-1	8.697	7.682	180.3E6	139.3E6	504.162	484.854
42) L9 AR-1268-2	8.790	7.748	153.4E6	124.7E6	502.844	485.113
43) L9 AR-1268-3	9.018	7.950	133.9E6	106.1E6	504.198	491.379
44) L9 AR-1268-4	9.436	8.245	59010619	45823713	504.258	486.526
45) L9 AR-1268-5	9.848	8.541	368.3E6	290.5E6	497.887	501.924

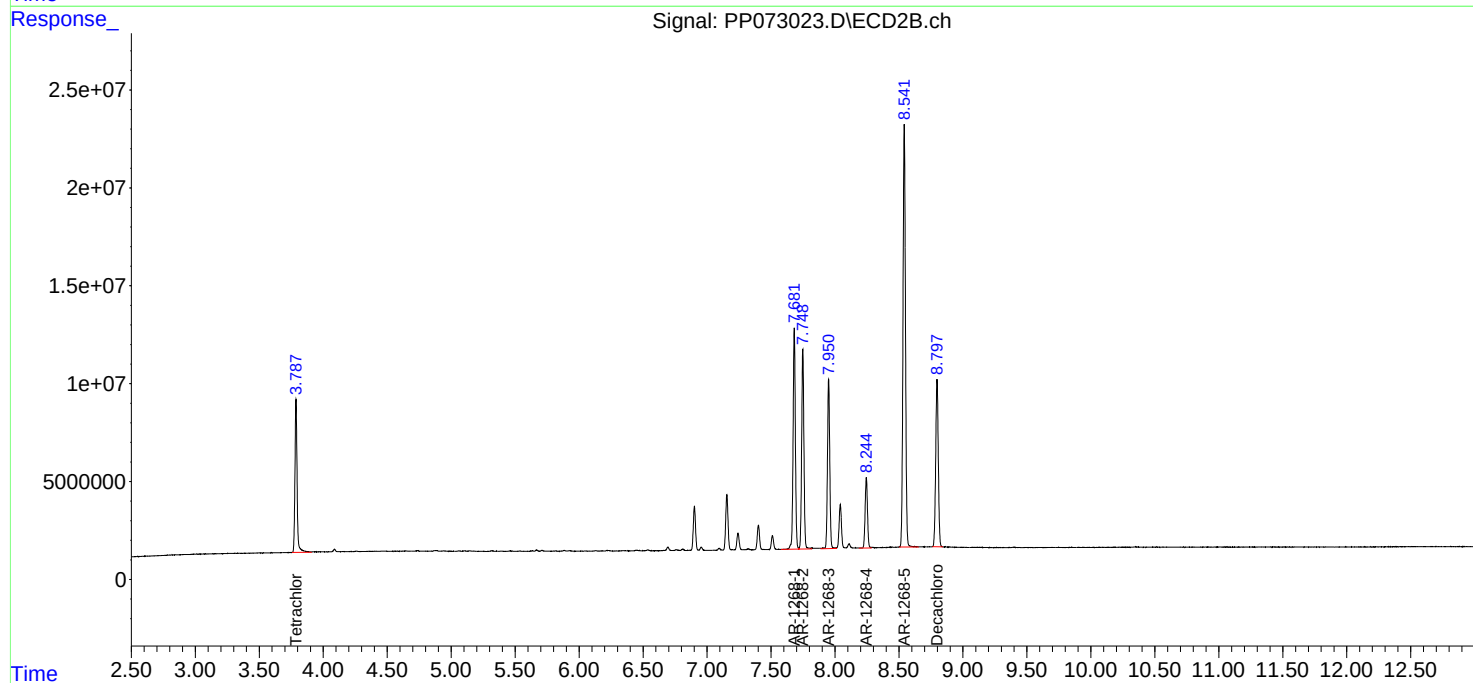
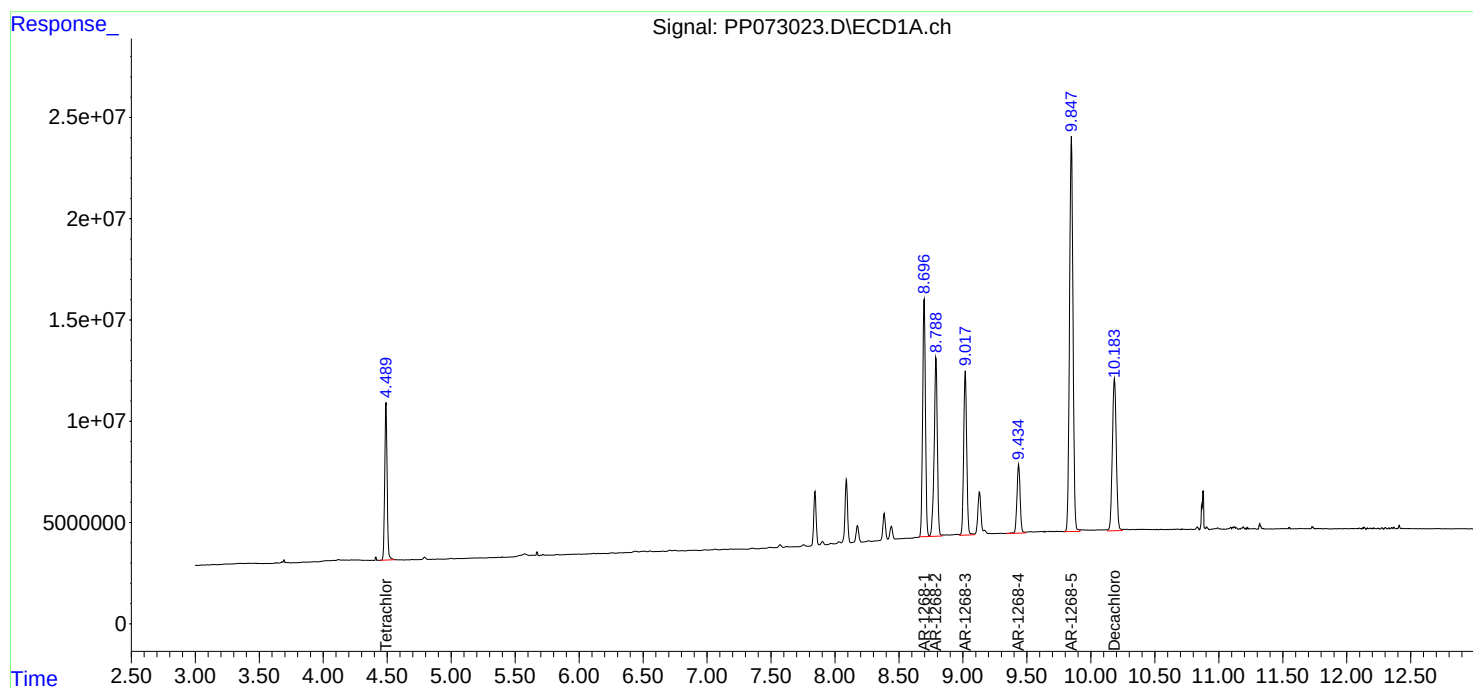
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 05:07:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:47 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.00
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.39	8.39	8.29	8.49	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:47 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.32	5.22	5.42	0.01
Aroclor-1260-1	(1)	6.35	6.35	6.25	6.45	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073230.D Time Analyzed: 09:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.642	5.546	5.746	497.850	500.000	-0.4
Aroclor-1016-2	5.663	5.567	5.767	531.200	500.000	6.2
Aroclor-1016-3	5.726	5.629	5.829	527.920	500.000	5.6
Aroclor-1016-4	5.823	5.727	5.927	553.300	500.000	10.7
Aroclor-1016-5	6.115	6.019	6.219	524.910	500.000	5.0
Aroclor-1260-1	7.231	7.136	7.336	558.340	500.000	11.7
Aroclor-1260-2	7.485	7.389	7.589	543.860	500.000	8.8
Aroclor-1260-3	7.843	7.747	7.947	553.660	500.000	10.7
Aroclor-1260-4	8.067	7.971	8.171	560.880	500.000	12.2
Aroclor-1260-5	8.385	8.288	8.488	533.220	500.000	6.6
Decachlorobiphenyl	10.182	10.087	10.287	51.670	50.000	3.3
Tetrachloro-m-xylene	4.491	4.394	4.594	51.870	50.000	3.7



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CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073230.D Time Analyzed: 09:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.865	4.768	4.968	478.630	500.000	-4.3
Aroclor-1016-2	4.882	4.786	4.986	499.110	500.000	-0.2
Aroclor-1016-3	5.059	4.962	5.162	500.330	500.000	0.1
Aroclor-1016-4	5.101	5.004	5.204	498.360	500.000	-0.3
Aroclor-1016-5	5.314	5.218	5.418	534.890	500.000	7.0
Aroclor-1260-1	6.345	6.249	6.449	506.310	500.000	1.3
Aroclor-1260-2	6.534	6.438	6.638	518.190	500.000	3.6
Aroclor-1260-3	6.685	6.589	6.789	499.370	500.000	-0.1
Aroclor-1260-4	7.155	7.060	7.260	493.440	500.000	-1.3
Aroclor-1260-5	7.397	7.302	7.502	497.480	500.000	-0.5
Decachlorobiphenyl	8.792	8.697	8.897	53.360	50.000	6.7
Tetrachloro-m-xylene	3.785	3.688	3.888	49.360	50.000	-1.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 09:47
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 12:00:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.491	3.785	109.5E6	88938436	51.871	49.361
2)	SA Decachlor...	10.182	8.792	88300010	71221869	51.671	53.361m
Target Compounds							
3)	L1 AR-1016-1	5.642	4.865	36179696	32890532	497.852	478.633
4)	L1 AR-1016-2	5.663	4.882	55255335	50229750	531.196	499.111
5)	L1 AR-1016-3	5.726	5.059	34498736	27376012	527.920	500.327
6)	L1 AR-1016-4	5.823	5.101	28926775	22201647	553.296	498.358
7)	L1 AR-1016-5	6.115	5.314	26248251	29570011	524.911	534.891
31)	L7 AR-1260-1	7.231	6.345	49252812	47962815	558.337	506.307
32)	L7 AR-1260-2	7.485	6.534	73902064	60336240	543.862	518.191
33)	L7 AR-1260-3	7.843	6.685	63201990	52015110	553.664	499.372
34)	L7 AR-1260-4	8.067	7.155	57795996	43293647	560.878	493.439
35)	L7 AR-1260-5	8.385	7.397	128.3E6	106.2E6	533.222	497.482

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073230.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 09:47
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

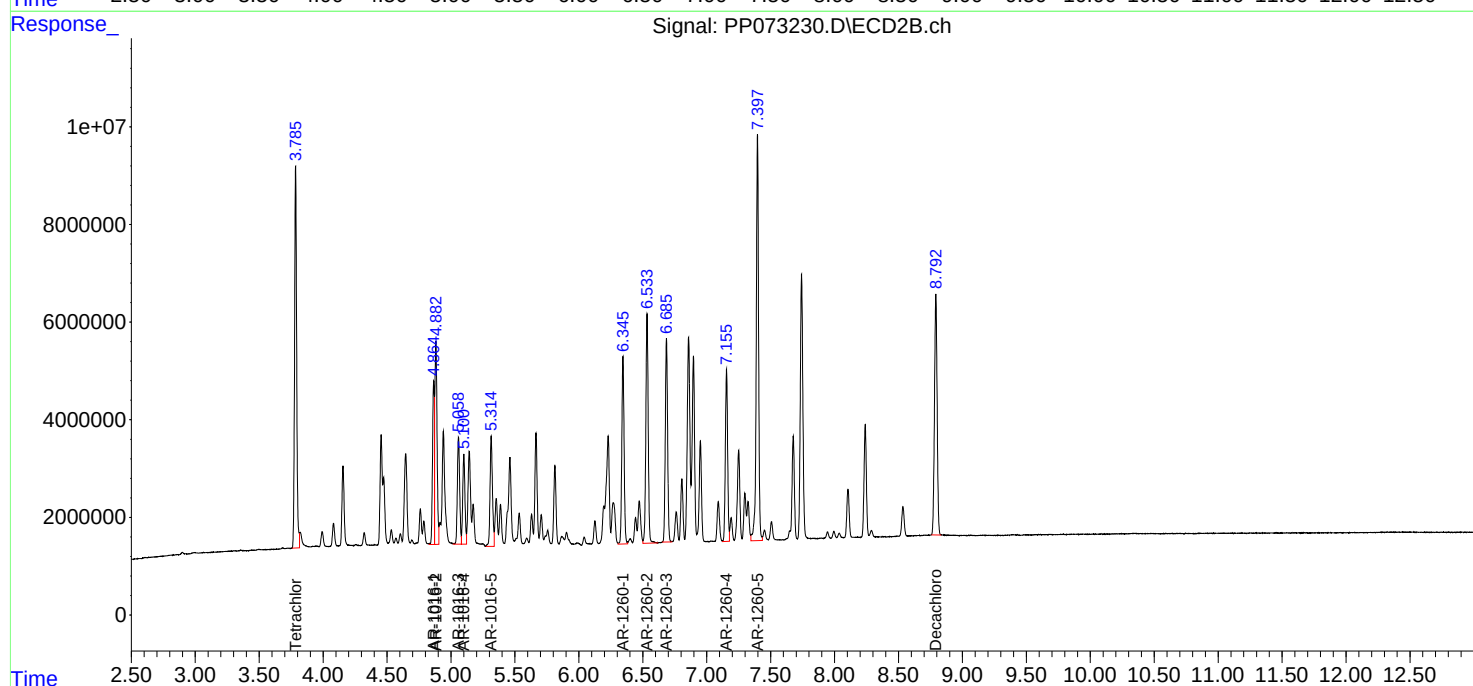
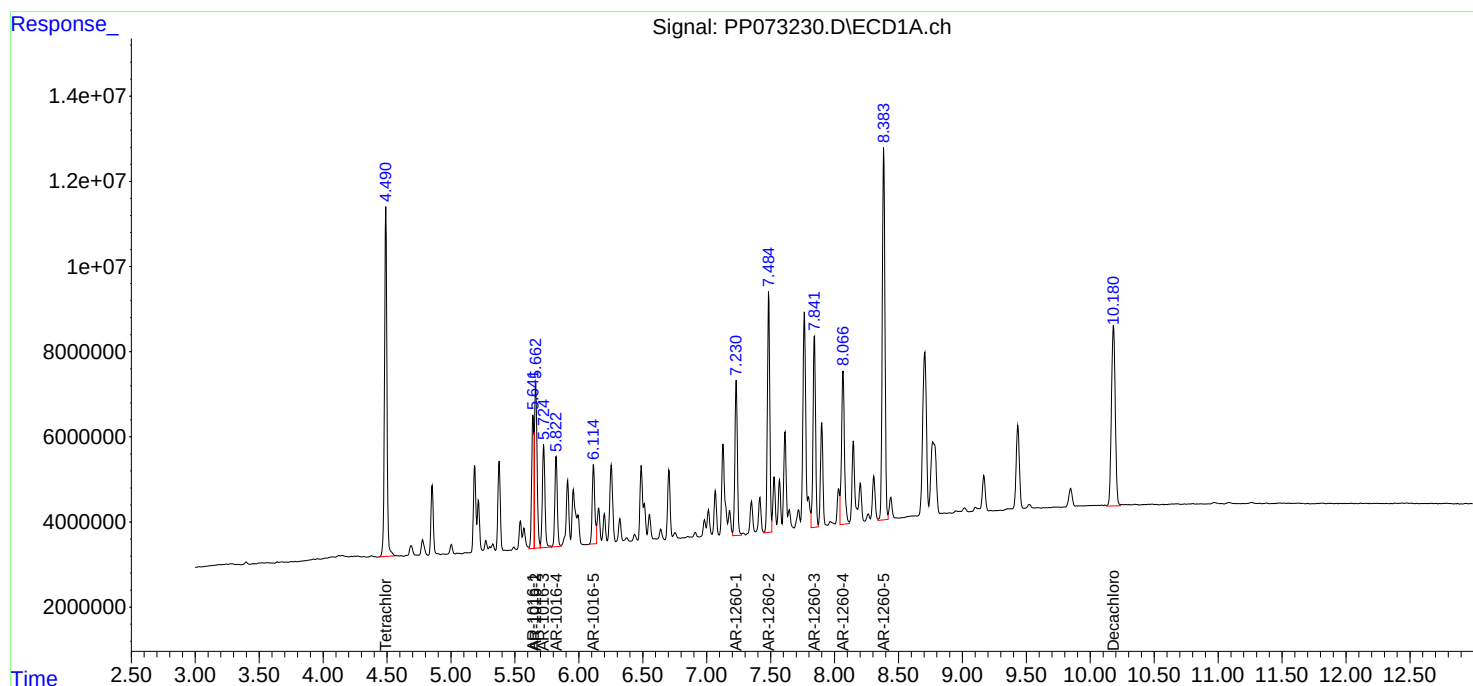
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 12:00:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 15:59 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.00
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.85	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.39	8.39	8.29	8.49	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 15:59 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.32	5.32	5.22	5.42	0.00
Aroclor-1260-1	(1)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.00
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073245.D Time Analyzed: 15:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.644	5.546	5.746	491.050	500.000	-1.8
Aroclor-1016-2	5.666	5.567	5.767	517.830	500.000	3.6
Aroclor-1016-3	5.728	5.629	5.829	515.440	500.000	3.1
Aroclor-1016-4	5.826	5.727	5.927	548.500	500.000	9.7
Aroclor-1016-5	6.117	6.019	6.219	510.890	500.000	2.2
Aroclor-1260-1	7.233	7.136	7.336	549.470	500.000	9.9
Aroclor-1260-2	7.487	7.389	7.589	535.750	500.000	7.2
Aroclor-1260-3	7.845	7.747	7.947	541.180	500.000	8.2
Aroclor-1260-4	8.069	7.971	8.171	540.740	500.000	8.1
Aroclor-1260-5	8.386	8.288	8.488	517.600	500.000	3.5
Decachlorobiphenyl	10.183	10.087	10.287	50.590	50.000	1.2
Tetrachloro-m-xylene	4.493	4.394	4.594	50.850	50.000	1.7



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CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073245.D Time Analyzed: 15:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.866	4.768	4.968	493.090	500.000	-1.4
Aroclor-1016-2	4.883	4.786	4.986	489.210	500.000	-2.2
Aroclor-1016-3	5.060	4.962	5.162	496.280	500.000	-0.7
Aroclor-1016-4	5.102	5.004	5.204	491.290	500.000	-1.7
Aroclor-1016-5	5.315	5.218	5.418	539.600	500.000	7.9
Aroclor-1260-1	6.346	6.249	6.449	499.230	500.000	-0.2
Aroclor-1260-2	6.535	6.438	6.638	517.590	500.000	3.5
Aroclor-1260-3	6.686	6.589	6.789	495.890	500.000	-0.8
Aroclor-1260-4	7.156	7.060	7.260	493.520	500.000	-1.3
Aroclor-1260-5	7.398	7.302	7.502	497.660	500.000	-0.5
Decachlorobiphenyl	8.792	8.697	8.897	52.400	50.000	4.8
Tetrachloro-m-xylene	3.786	3.688	3.888	49.630	50.000	-0.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073245.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 15:59
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 01:47:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.493	3.786	107.3E6	89416000	50.853	49.626
2) SA Decachlor...	10.183	8.792	86458247	69934075	50.593	52.396m
Target Compounds						
3) L1 AR-1016-1	5.644	4.866	35685459	33884085	491.051	493.091
4) L1 AR-1016-2	5.666	4.883	53864540	49233406	517.825	489.210
5) L1 AR-1016-3	5.728	5.060	33683436	27154542	515.444	496.280
6) L1 AR-1016-4	5.826	5.102	28675935	21886954	548.498	491.294
7) L1 AR-1016-5	6.117	5.315	25546886	29830352	510.886	539.600
31) L7 AR-1260-1	7.233	6.346	48470960	47292378	549.474	499.230
32) L7 AR-1260-2	7.487	6.535	72800339	60266221	535.755	517.590
33) L7 AR-1260-3	7.845	6.686	61776594	51652270	541.177	495.889
34) L7 AR-1260-4	8.069	7.156	55720854	43300890	540.740	493.522
35) L7 AR-1260-5	8.386	7.398	124.5E6	106.2E6	517.604	497.664

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073245.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 15:59
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

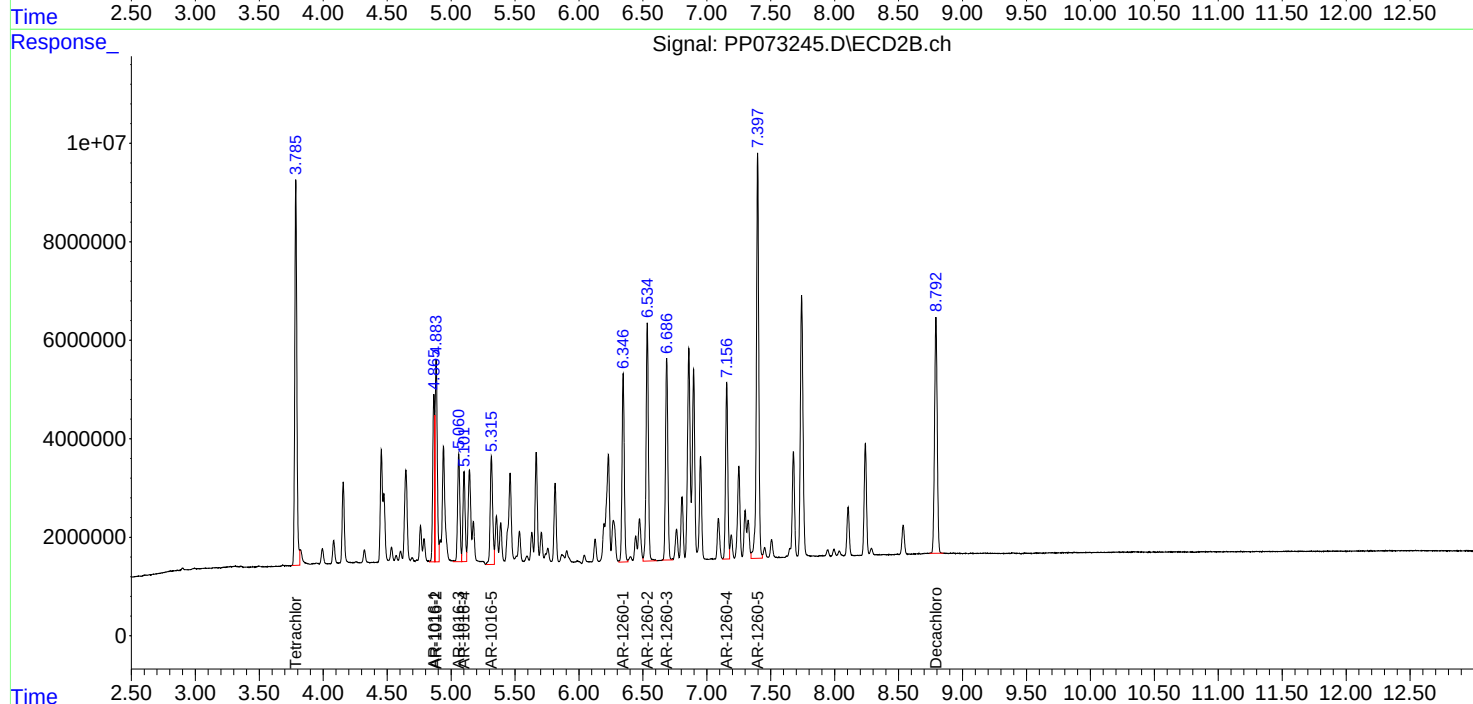
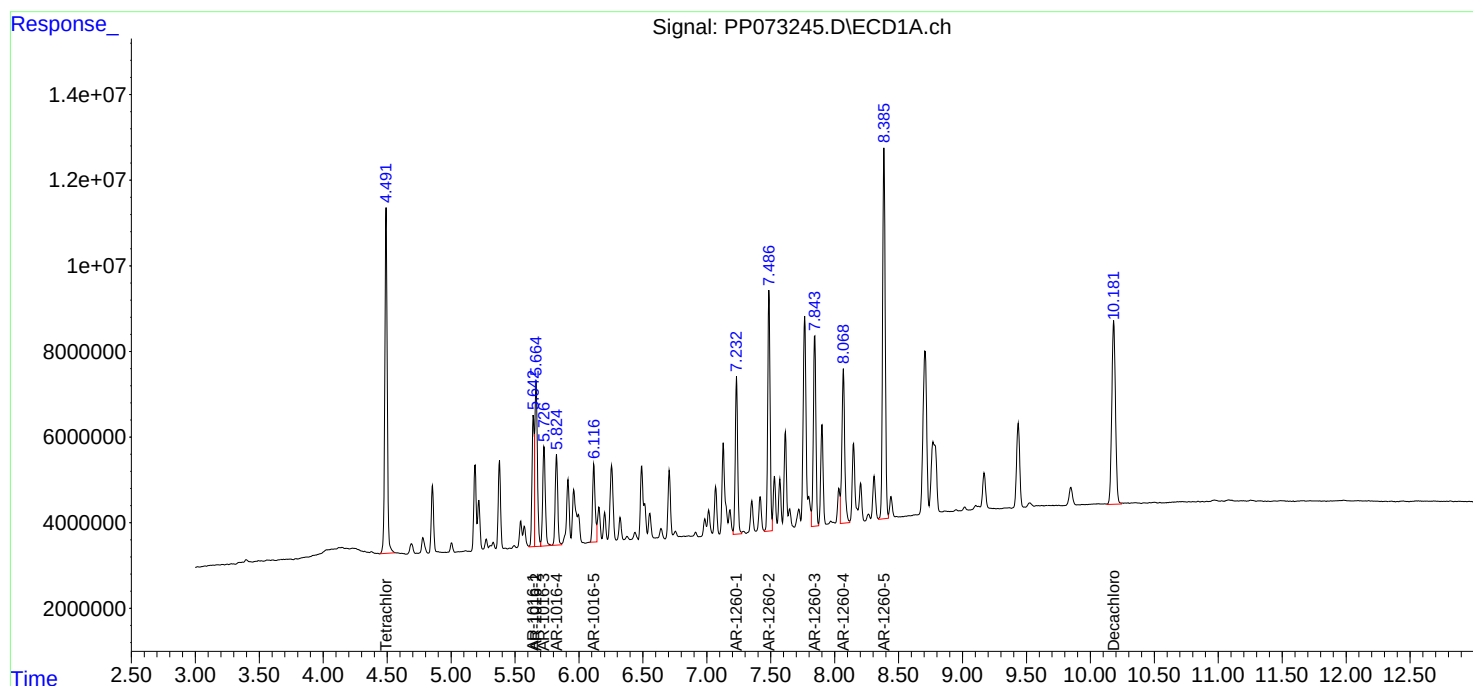
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:47:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 20:54 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.00
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.39	8.39	8.29	8.49	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Continuing Calib Date: 06/25/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 20:54 Initial Calibration Time(s): 10:04 20:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.32	5.32	5.22	5.42	0.00
Aroclor-1260-1	(1)	6.35	6.35	6.25	6.45	0.00
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.00
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073260.D Time Analyzed: 20:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.643	5.546	5.746	467.170	500.000	-6.6
Aroclor-1016-2	5.665	5.567	5.767	485.650	500.000	-2.9
Aroclor-1016-3	5.727	5.629	5.829	486.920	500.000	-2.6
Aroclor-1016-4	5.824	5.727	5.927	512.820	500.000	2.6
Aroclor-1016-5	6.116	6.019	6.219	480.300	500.000	-3.9
Aroclor-1260-1	7.233	7.136	7.336	501.350	500.000	0.3
Aroclor-1260-2	7.486	7.389	7.589	484.800	500.000	-3.0
Aroclor-1260-3	7.844	7.747	7.947	476.370	500.000	-4.7
Aroclor-1260-4	8.068	7.971	8.171	484.000	500.000	-3.2
Aroclor-1260-5	8.386	8.288	8.488	457.790	500.000	-8.4
Decachlorobiphenyl	10.184	10.087	10.287	46.170	50.000	-7.7
Tetrachloro-m-xylene	4.492	4.394	4.594	47.050	50.000	-5.9



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP073260.D Time Analyzed: 20:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.866	4.768	4.968	483.320	500.000	-3.3
Aroclor-1016-2	4.884	4.786	4.986	493.020	500.000	-1.4
Aroclor-1016-3	5.060	4.962	5.162	492.960	500.000	-1.4
Aroclor-1016-4	5.102	5.004	5.204	489.880	500.000	-2.0
Aroclor-1016-5	5.315	5.218	5.418	542.220	500.000	8.4
Aroclor-1260-1	6.347	6.249	6.449	492.220	500.000	-1.6
Aroclor-1260-2	6.535	6.438	6.638	544.410	500.000	8.9
Aroclor-1260-3	6.687	6.589	6.789	491.150	500.000	-1.8
Aroclor-1260-4	7.157	7.060	7.260	476.840	500.000	-4.6
Aroclor-1260-5	7.398	7.302	7.502	477.200	500.000	-4.6
Decachlorobiphenyl	8.793	8.697	8.897	50.930	50.000	1.9
Tetrachloro-m-xylene	3.786	3.688	3.888	49.440	50.000	-1.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 20:54
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 01:54:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.492	3.786	99309490	89076920	47.048	49.438
2) SA Decachlor...	10.184	8.793	78901404	67983658	46.171	50.935
Target Compounds						
3) L1 AR-1016-1	5.643	4.866	33950060	33212489	467.171	483.318
4) L1 AR-1016-2	5.665	4.884	50517914	49616637	485.653	493.018
5) L1 AR-1016-3	5.727	5.060	31819445	26972700	486.920	492.956
6) L1 AR-1016-4	5.824	5.102	26810740	21823803	512.821	489.876
7) L1 AR-1016-5	6.116	5.315	24017514	29974959	480.301	542.216
31) L7 AR-1260-1	7.233	6.347	44225728	46627855	501.350	492.215
32) L7 AR-1260-2	7.486	6.535	65876734	63388879	484.802	544.408
33) L7 AR-1260-3	7.844	6.687	54378361	51158364	476.367	491.147
34) L7 AR-1260-4	8.068	7.157	49873546	41837499	483.995	476.843
35) L7 AR-1260-5	8.386	7.398	110.2E6	101.8E6	457.793	477.205

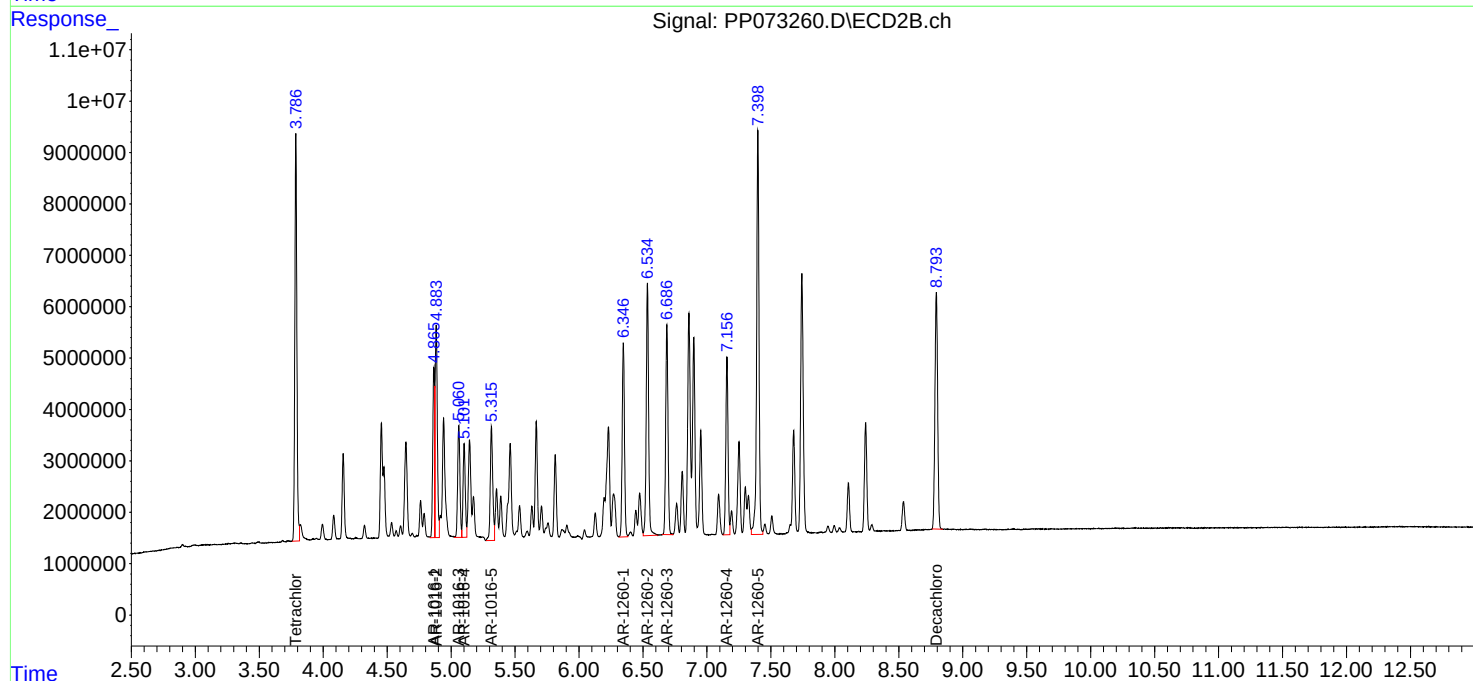
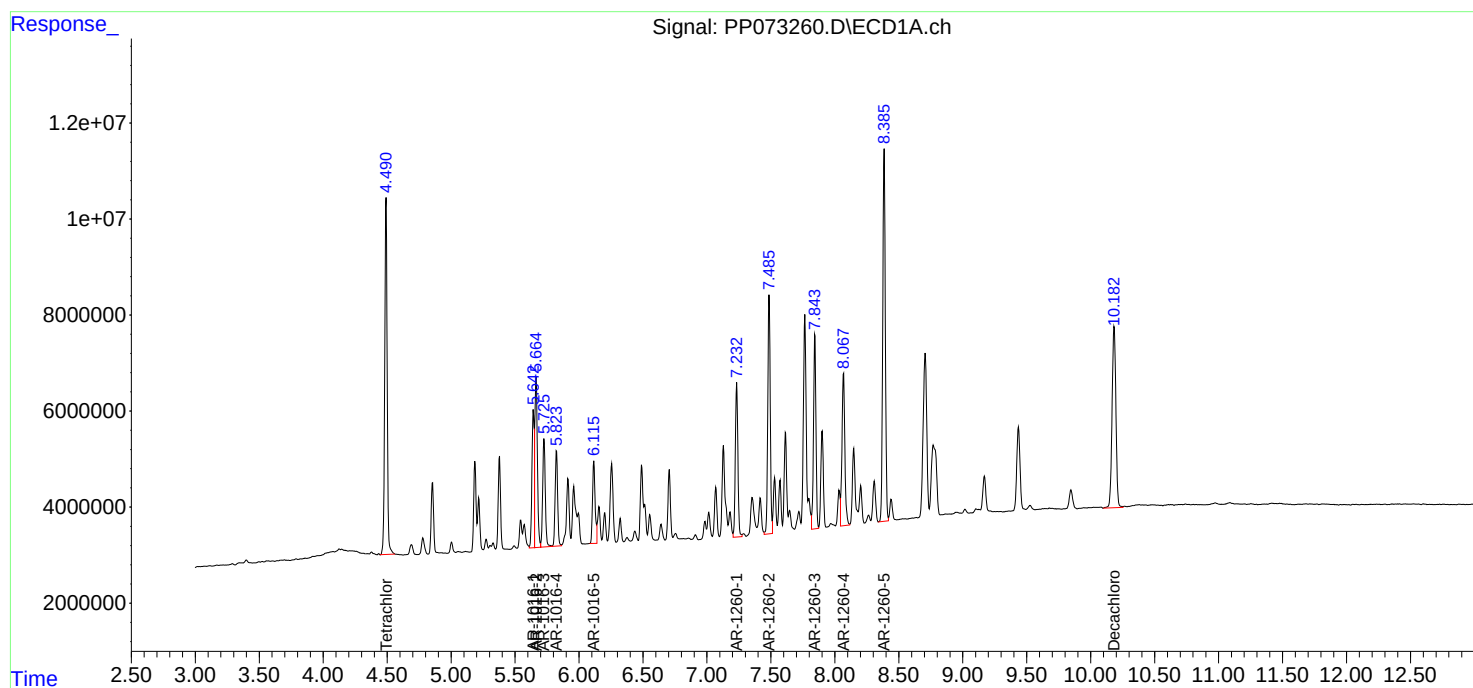
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 20:54
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:54:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: Union Paving & Construction Company	SDG No.: Q2393
Project: 190 Park Ave Hanover Twp NJ - PO 2556-00	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 06/17/2025 06/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/17/2025	09:47	PP072990.D	10.19	4.49
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	10.19	4.49
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	10.19	4.49
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	10.19	4.49
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	10.19	4.49
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	10.19	4.50
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	10.18	4.49
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	10.19	4.50
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	10.19	4.49
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	10.19	4.49
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	10.19	4.49
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	10.19	4.49
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	10.18	4.49
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	10.19	4.49
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	10.19	4.49
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	10.19	4.49
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	10.19	4.49
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	10.18	4.49
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	10.19	4.49
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	10.19	4.49
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	10.19	4.49
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	10.19	4.49
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	10.19	4.49
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	10.19	4.49
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	10.19	4.49
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	10.18	4.49
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	10.18	4.49
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	10.19	4.50
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/25/2025	09:47	PP073230.D	10.18	4.49
IBLK	IBLK	06/25/2025	10:52	PP073234.D	10.18	4.49
PB168607BL	PB168607BL	06/25/2025	12:59	PP073236.D	10.18	4.49
PB168607BS	PB168607BS	06/25/2025	13:15	PP073237.D	10.18	4.49
S-IMS	Q2392-01MS	06/25/2025	13:47	PP073239.D	10.18	4.49
S-IMSD	Q2392-01MSD	06/25/2025	14:04	PP073240.D	10.18	4.49
PARK AVE -1	Q2393-01	06/25/2025	14:20	PP073241.D	10.18	4.49
PARK AVE -2	Q2393-03	06/25/2025	14:37	PP073242.D	10.18	4.49
PARK AVE -3	Q2393-05	06/25/2025	14:53	PP073243.D	10.18	4.49
PARK AVE -4	Q2393-07	06/25/2025	15:09	PP073244.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/25/2025	15:59	PP073245.D	10.18	4.49
IBLK	IBLK	06/25/2025	17:04	PP073249.D	10.19	4.50
PARK AVE -5	Q2393-09	06/25/2025	17:21	PP073250.D	10.18	4.49

Analytical Sequence

PARK AVE -6	Q2393-11	06/25/2025	17:37	PP073251.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/25/2025	20:54	PP073260.D	10.18	4.49
I.BLK	I.BLK	06/25/2025	22:17	PP073264.D	10.18	4.49

Analytical Sequence

Client: Union Paving & Construction Company	SDG No.: Q2393
Project: 190 Park Ave Hanover Twp NJ - PO 2556-00	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 06/17/2025 06/17/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	06/17/2025	09:47	PP072990.D	8.80	3.79
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	8.80	3.79
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	8.80	3.79
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	8.80	3.79
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	8.80	3.79
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	8.80	3.79
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	8.80	3.79
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	8.80	3.79
AR1242ICC1000	AR1242ICC1000	06/17/2025	14:27	PP072998.D	8.80	3.79
AR1242ICC750	AR1242ICC750	06/17/2025	14:43	PP072999.D	8.80	3.79
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	8.80	3.79
AR1242ICC250	AR1242ICC250	06/17/2025	15:16	PP073001.D	8.80	3.79
AR1242ICC050	AR1242ICC050	06/17/2025	15:32	PP073002.D	8.80	3.79
AR1248ICC1000	AR1248ICC1000	06/17/2025	15:49	PP073003.D	8.80	3.79
AR1248ICC750	AR1248ICC750	06/17/2025	16:21	PP073004.D	8.80	3.79
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	8.80	3.79
AR1248ICC250	AR1248ICC250	06/17/2025	16:54	PP073006.D	8.80	3.79
AR1248ICC050	AR1248ICC050	06/17/2025	17:10	PP073007.D	8.80	3.79
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	8.80	3.79
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	8.80	3.79
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	8.80	3.79
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	8.80	3.79
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	8.80	3.79
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	8.80	3.79
AR1268ICC1000	AR1268ICC1000	06/17/2025	19:04	PP073014.D	8.80	3.79
AR1268ICC750	AR1268ICC750	06/17/2025	19:21	PP073015.D	8.80	3.79
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	8.80	3.79
AR1268ICC250	AR1268ICC250	06/17/2025	19:53	PP073017.D	8.80	3.79
AR1268ICC050	AR1268ICC050	06/17/2025	20:10	PP073018.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/25/2025	09:47	PP073230.D	8.79	3.79
IBLK	IBLK	06/25/2025	10:52	PP073234.D	8.79	3.79
PB168607BL	PB168607BL	06/25/2025	12:59	PP073236.D	8.79	3.79
PB168607BS	PB168607BS	06/25/2025	13:15	PP073237.D	8.79	3.78
S-IMS	Q2392-01MS	06/25/2025	13:47	PP073239.D	8.79	3.78
S-IMSD	Q2392-01MSD	06/25/2025	14:04	PP073240.D	8.79	3.78
PARK AVE -1	Q2393-01	06/25/2025	14:20	PP073241.D	8.79	3.79
PARK AVE -2	Q2393-03	06/25/2025	14:37	PP073242.D	8.79	3.79
PARK AVE -3	Q2393-05	06/25/2025	14:53	PP073243.D	8.79	3.79
PARK AVE -4	Q2393-07	06/25/2025	15:09	PP073244.D	8.79	3.79
AR1660CCC500	AR1660CCC500	06/25/2025	15:59	PP073245.D	8.79	3.79
IBLK	IBLK	06/25/2025	17:04	PP073249.D	8.79	3.79
PARK AVE -5	Q2393-09	06/25/2025	17:21	PP073250.D	8.79	3.79

Analytical Sequence

PARK AVE -6	Q2393-11	06/25/2025	17:37	PP073251.D	8.79	3.79
AR1660CCC500	AR1660CCC500	06/25/2025	20:54	PP073260.D	8.79	3.79
I.BLK	I.BLK	06/25/2025	22:17	PP073264.D	8.79	3.79

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168607BS

Contract: UNIO02

Lab Code: CHEM Case No.: Q2393 SAS No.: Q2393 SDG NO.: Q2393

Lab Sample ID: PB168607BS Date(s) Analyzed: 06/25/2025 06/25/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP073237.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.642	5.592	5.692	157	165	6.25
COLUMN 1	2	5.663	5.613	5.713	167		
	3	5.725	5.675	5.775	166		
	4	5.823	5.773	5.873	176		
	5	6.115	6.065	6.165	159		
	1	4.863	4.813	4.913	152		
COLUMN 2	2	4.881	4.831	4.931	158	155	
	3	5.058	5.008	5.108	156		
	4	5.099	5.049	5.149	154		
	5	5.313	5.263	5.363	156		
Aroclor-1260	1	7.232	7.182	7.282	181	165	8.2
COLUMN 1	2	7.486	7.436	7.536	179		
	3	7.844	7.794	7.894	151		
	4	8.067	8.017	8.117	162		
	5	8.386	8.336	8.436	151		
	1	6.343	6.293	6.393	159		
COLUMN 2	2	6.532	6.482	6.582	160	152	
	3	6.683	6.633	6.733	160		
	4	7.153	7.103	7.203	141		
	5	7.396	7.346	7.446	141		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

S-1MS

Contract: UNIO02

Lab Code: CHEM

Case No.: Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: Q2392-01MS

Date(s) Analyzed: 06/25/2025

06/25/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP073239.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.639	5.589	5.689	157	166	8.81
COLUMN 1	2	5.66	5.61	5.71	170		
	3	5.723	5.673	5.773	165		
	4	5.82	5.77	5.87	176		
	5	6.112	6.062	6.162	161		
	1	4.864	4.814	4.914	148		
COLUMN 2	2	4.882	4.832	4.932	151	152	
	3	5.058	5.008	5.108	153		
	4	5.1	5.05	5.15	152		
	5	5.314	5.264	5.364	153		
Aroclor-1260	1	7.228	7.178	7.278	185	164	5.64
COLUMN 1	2	7.482	7.432	7.532	179		
	3	7.84	7.79	7.89	148		
	4	8.063	8.013	8.113	160		
	5	8.382	8.332	8.432	146		
	1	6.344	6.294	6.394	165	155	
COLUMN 2	2	6.533	6.483	6.583	162		
	3	6.685	6.635	6.735	163		
	4	7.154	7.104	7.204	143		
	5	7.396	7.346	7.446	140		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

S-1MSD

Contract: UNIO02

Lab Code: CHEM

Case No.: Q2393

SAS No.: Q2393

SDG NO.: Q2393

Lab Sample ID: Q2392-01MSD

Date(s) Analyzed: 06/25/2025

06/25/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP073240.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.642	5.592	5.692	157	165	9.52
COLUMN 1	2	5.663	5.613	5.713	168		
	3	5.725	5.675	5.775	163		
	4	5.822	5.772	5.872	174		
	5	6.115	6.065	6.165	161		
	1	4.864	4.814	4.914	146		
COLUMN 2	2	4.881	4.831	4.931	148	150	
	3	5.058	5.008	5.108	152		
	4	5.1	5.05	5.15	151		
	5	5.313	5.263	5.363	151		
Aroclor-1260	1	7.232	7.182	7.282	184	164	8.92
COLUMN 1	2	7.484	7.434	7.534	178		
	3	7.843	7.793	7.893	147		
	4	8.066	8.016	8.116	162		
	5	8.384	8.334	8.434	147		
	1	6.344	6.294	6.394	159	150	
COLUMN 2	2	6.533	6.483	6.583	155		
	3	6.684	6.634	6.734	159		
	4	7.154	7.104	7.204	141		
	5	7.396	7.346	7.446	135		



QC SAMPLE DATA

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	
Client Sample ID:	PB168607BL	SDG No.:	Q2393
Lab Sample ID:	PB168607BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073236.D	1	06/25/25 08:45	06/25/25 12:59	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		32 - 175	103%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 12:59
Operator : YP\AJ
Sample : PB168607BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168607BL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 14:14:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.785	41696115	35293742	19.754	19.588
2) SA Decachlor...	10.179	8.791	33415067	27393482	19.554m	20.524

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 12:59
Operator : YP\AJ
Sample : PB168607BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

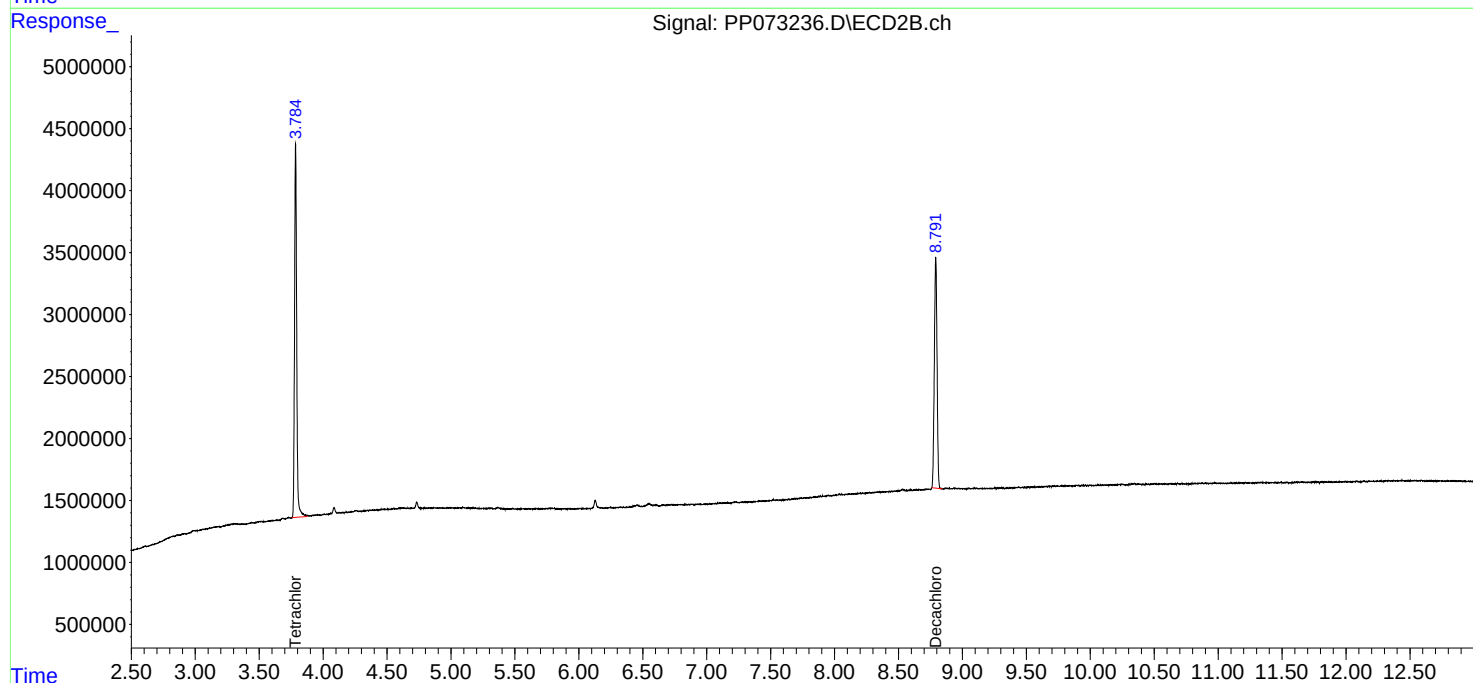
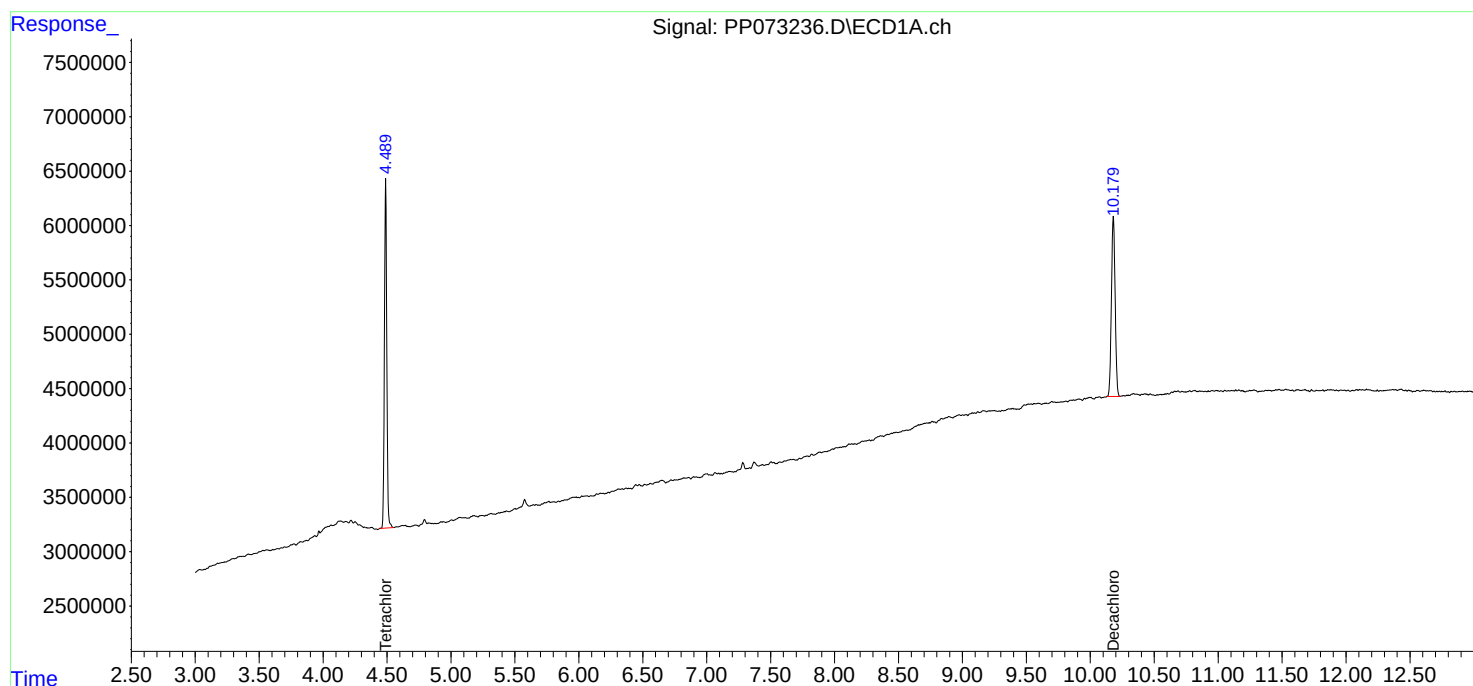
Instrument :
ECD_P
ClientSampleId :
PB168607BL

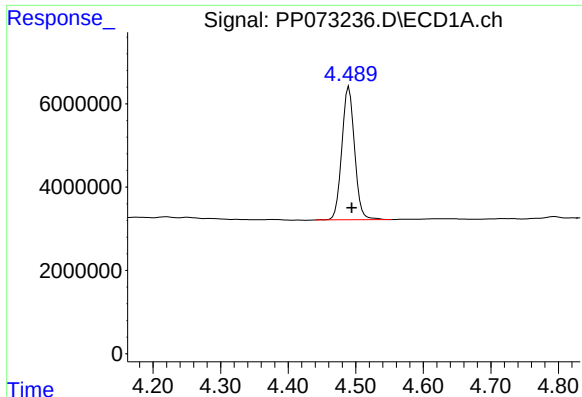
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 14:14:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





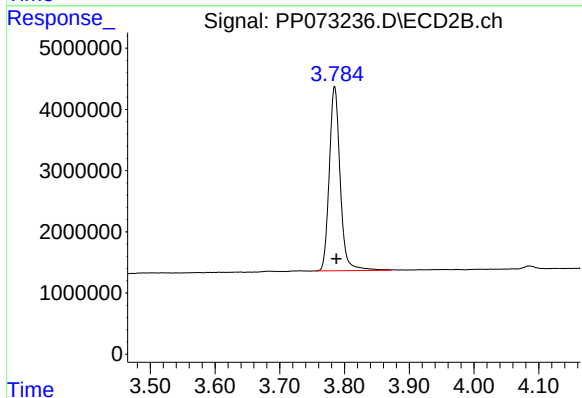
#1 Tetrachloro-m-xylene

R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 41696115
Conc: 19.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168607BL

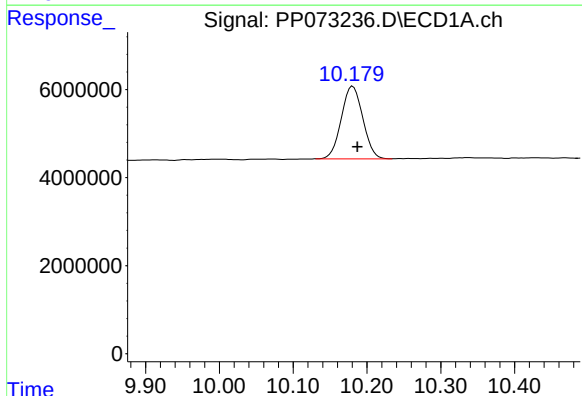
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025



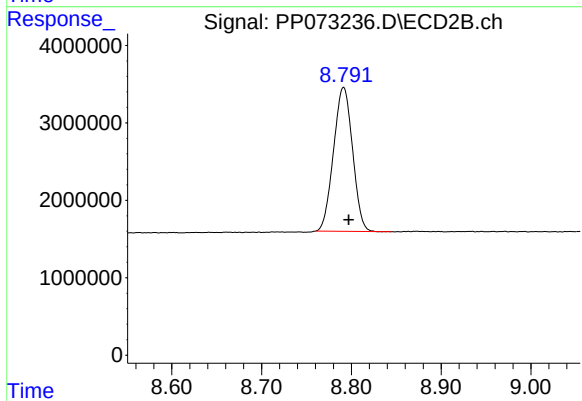
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.003 min
Response: 35293742
Conc: 19.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.179 min
Delta R.T.: -0.008 min
Response: 33415067
Conc: 19.55 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.006 min
Response: 27393482
Conc: 20.52 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/17/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/17/25
Client Sample ID:	PIBLK-PP072990.D	SDG No.:	Q2393
Lab Sample ID:	I.BLK-PP072990.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072990.D	1		06/17/25	pp061725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 09:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.493	3.787	36444462	32452614	17.266	18.011
2)	SA Decachlor...	10.186	8.797	31234901	22967361	18.278	17.208

Target Compounds

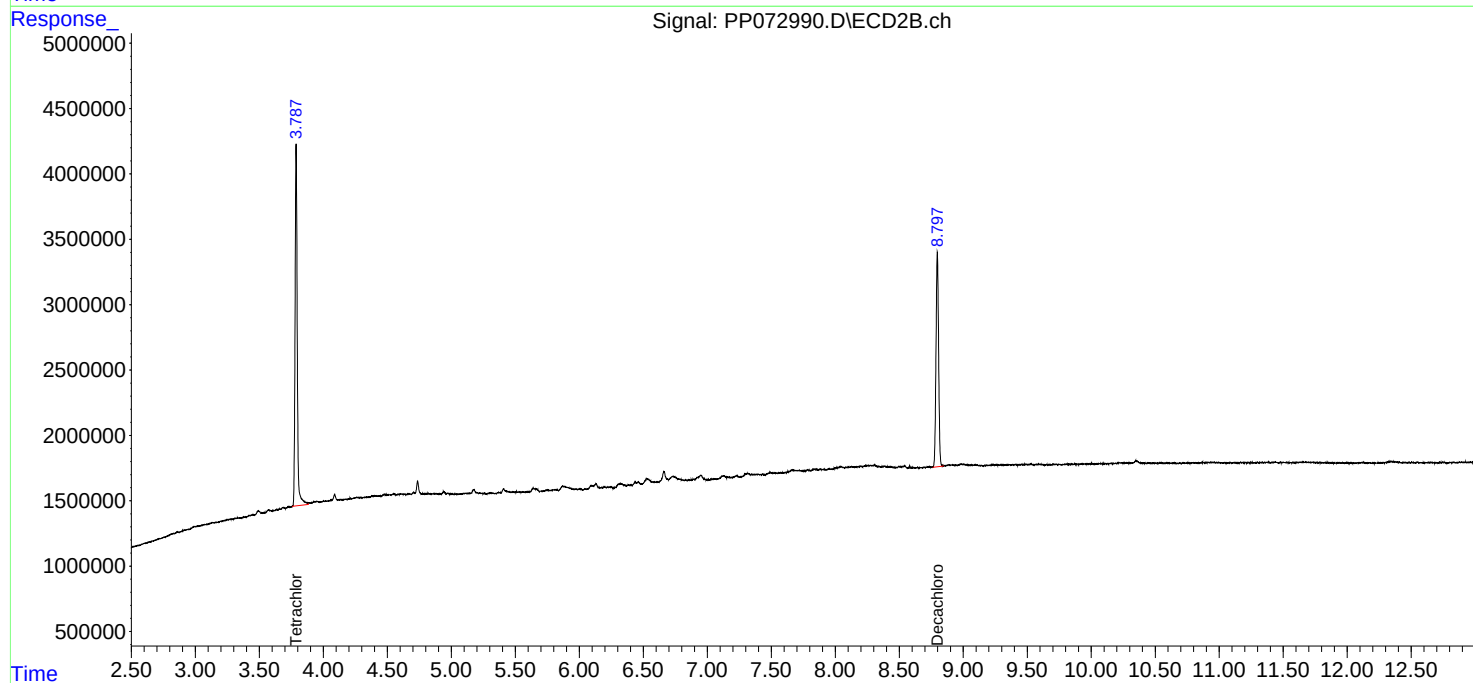
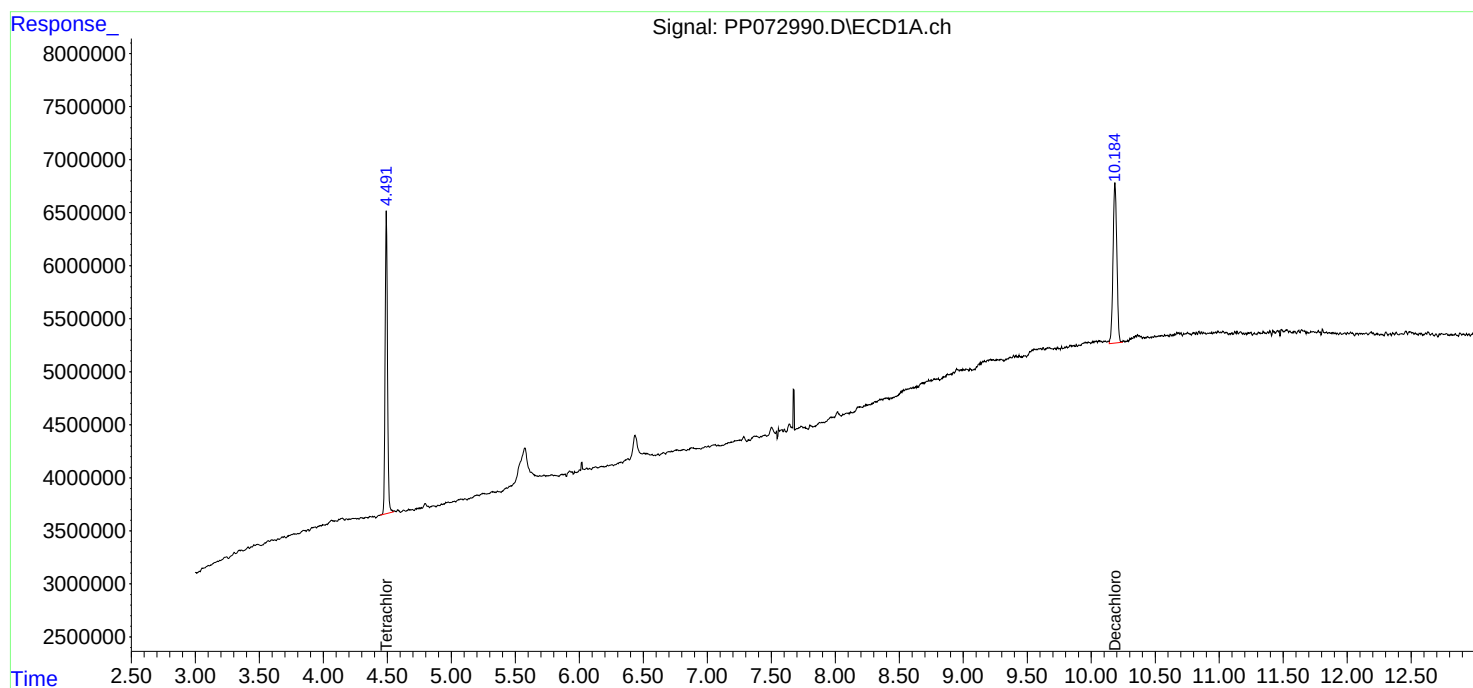
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

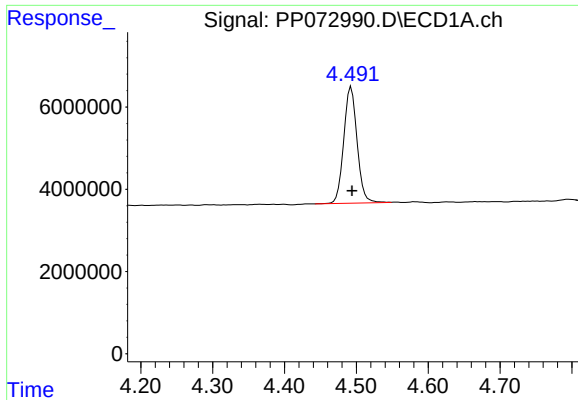
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 09:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

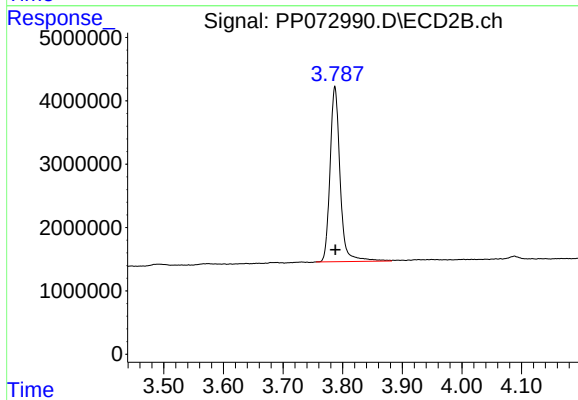




#1 Tetrachloro-m-xylene

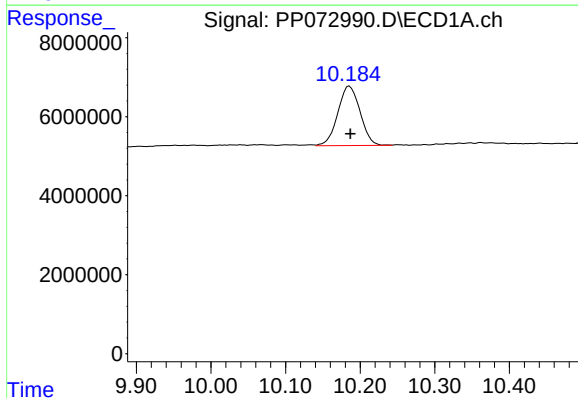
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 36444462
Conc: 17.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



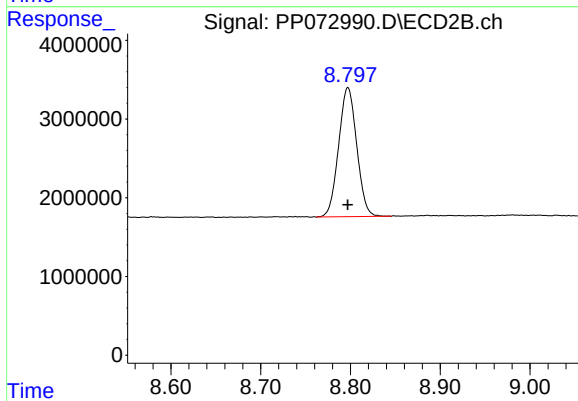
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 32452614
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.186 min
Delta R.T.: -0.001 min
Response: 31234901
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 22967361
Conc: 17.21 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/25/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/25/25
Client Sample ID:	PIBLK-PP073234.D	SDG No.:	Q2393
Lab Sample ID:	I.BLK-PP073234.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073234.D	1		06/25/25	PP062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		60 - 140	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 140	98%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 10:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 12:02:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.489	3.785	41311642	34533888	19.571	19.166
2) SA Decachlor...	10.178	8.792	33486307	28108466	19.595	21.060

Target Compounds

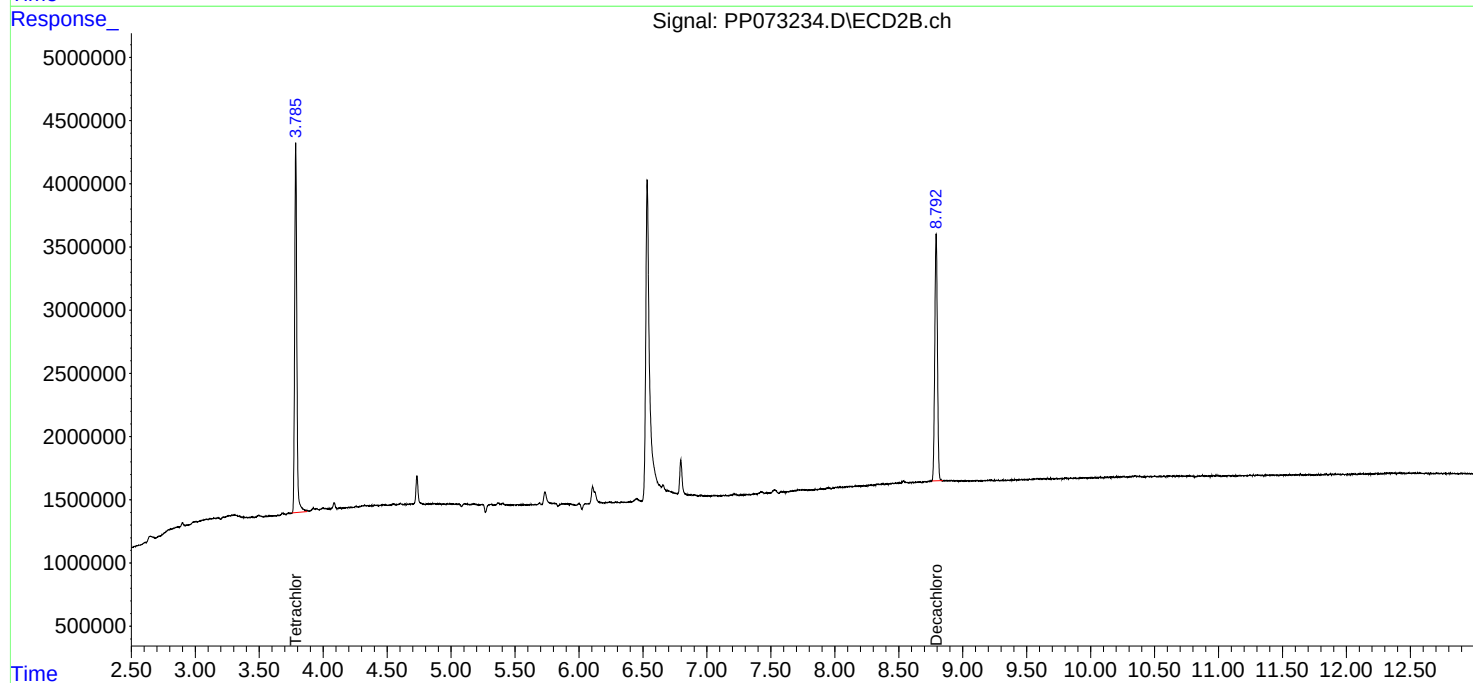
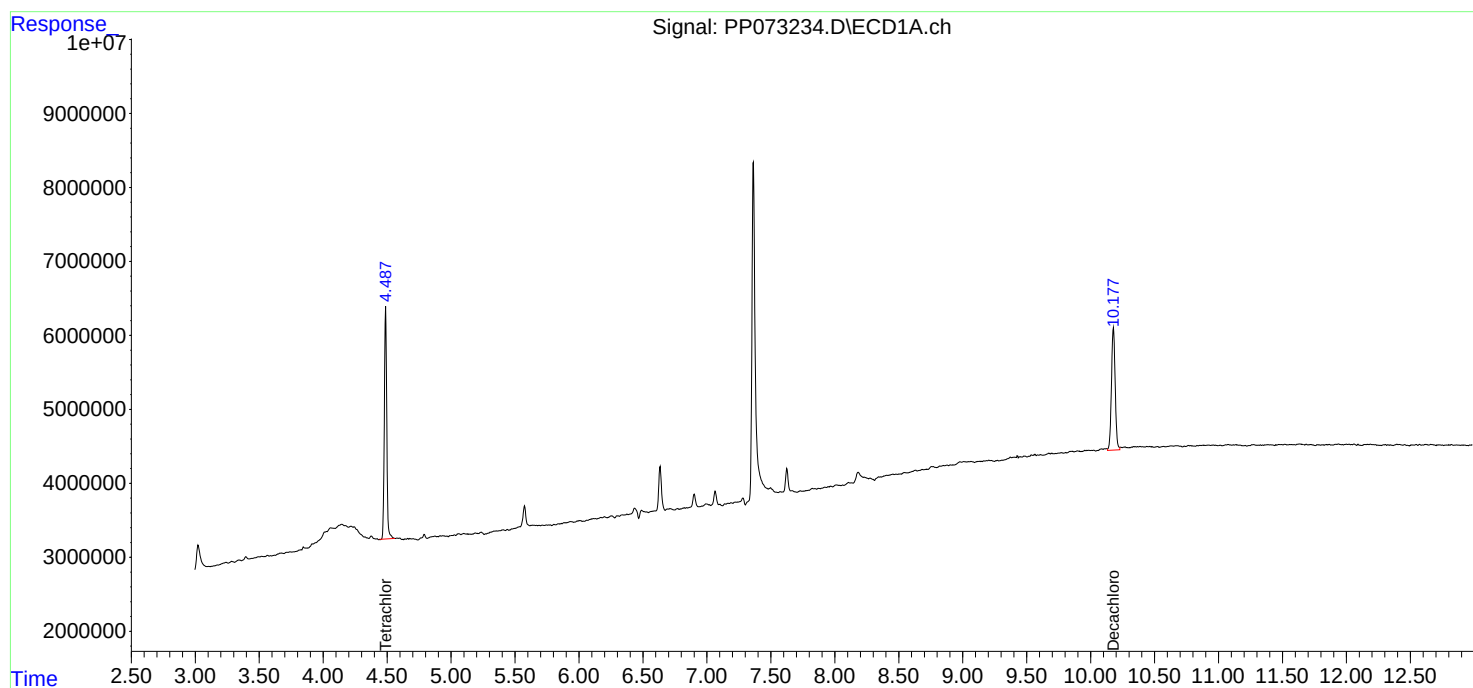
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

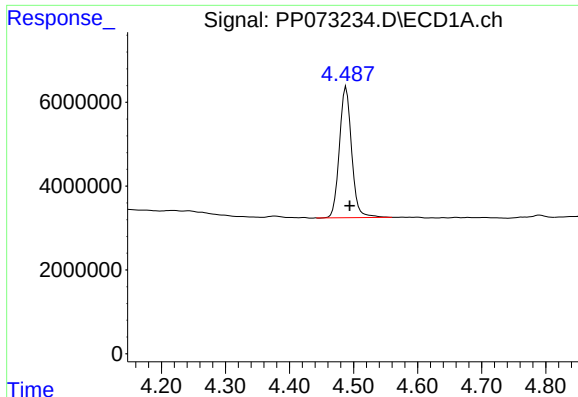
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 10:52
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 12:02:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

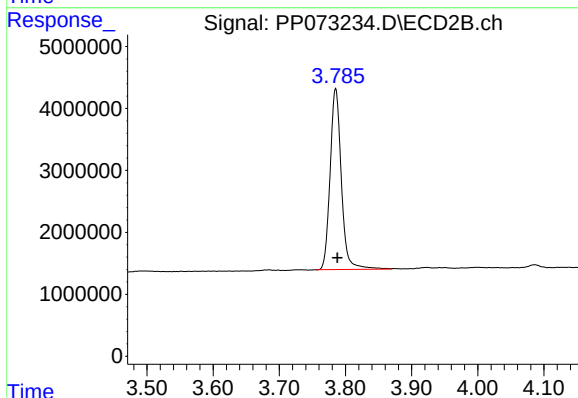




#1 Tetrachloro-m-xylene

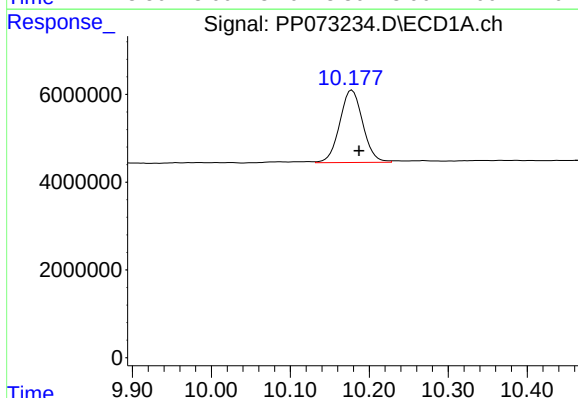
R.T.: 4.489 min
Delta R.T.: -0.005 min
Response: 41311642
Conc: 19.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



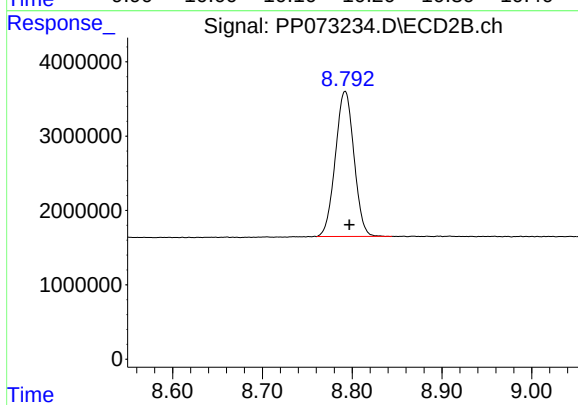
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 34533888
Conc: 19.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: -0.009 min
Response: 33486307
Conc: 19.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.005 min
Response: 28108466
Conc: 21.06 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/25/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/25/25
Client Sample ID:	PIBLK-PP073249.D	SDG No.:	Q2393
Lab Sample ID:	I.BLK-PP073249.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073249.D	1		06/25/25	PP062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		60 - 140	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 17:04
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:49:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.495	3.787	39128376	33381409	18.537	18.527
2)	SA Decachlor...	10.186	8.793	32314737	27018268	18.910	20.243

Target Compounds

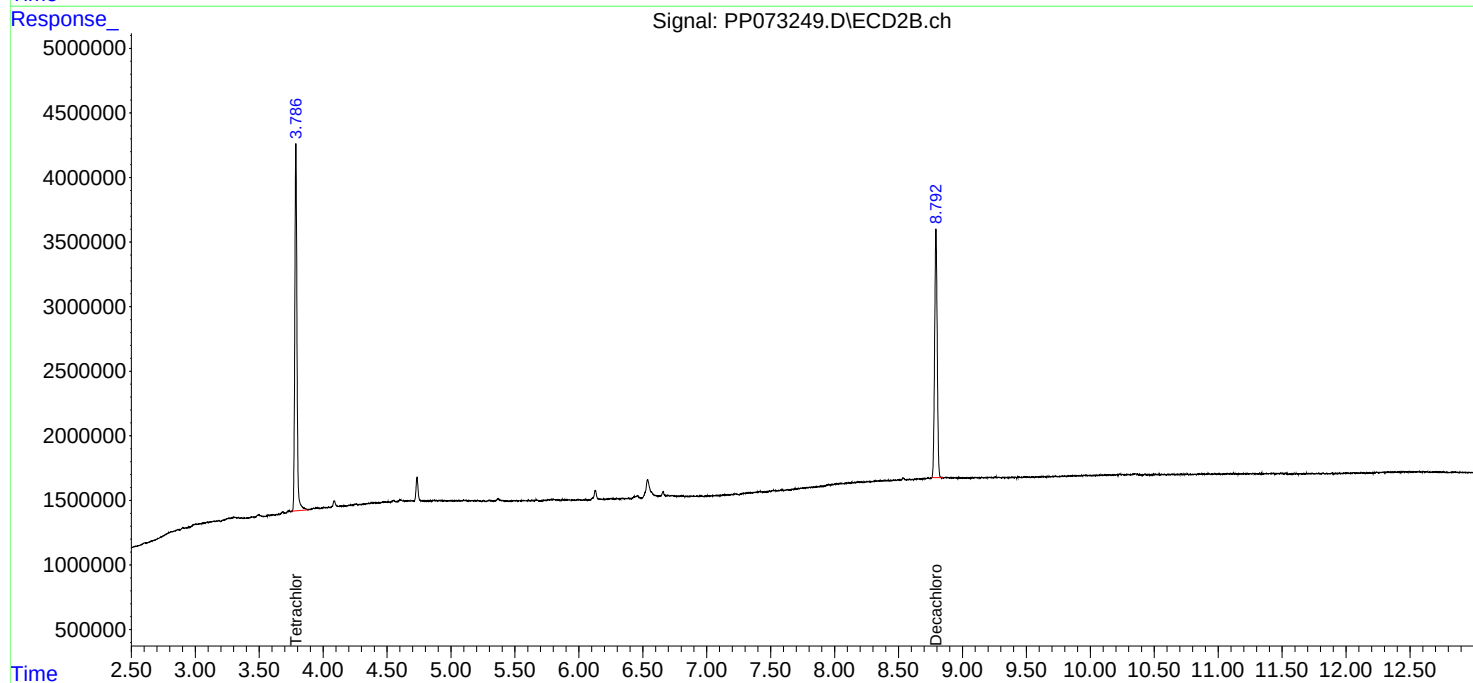
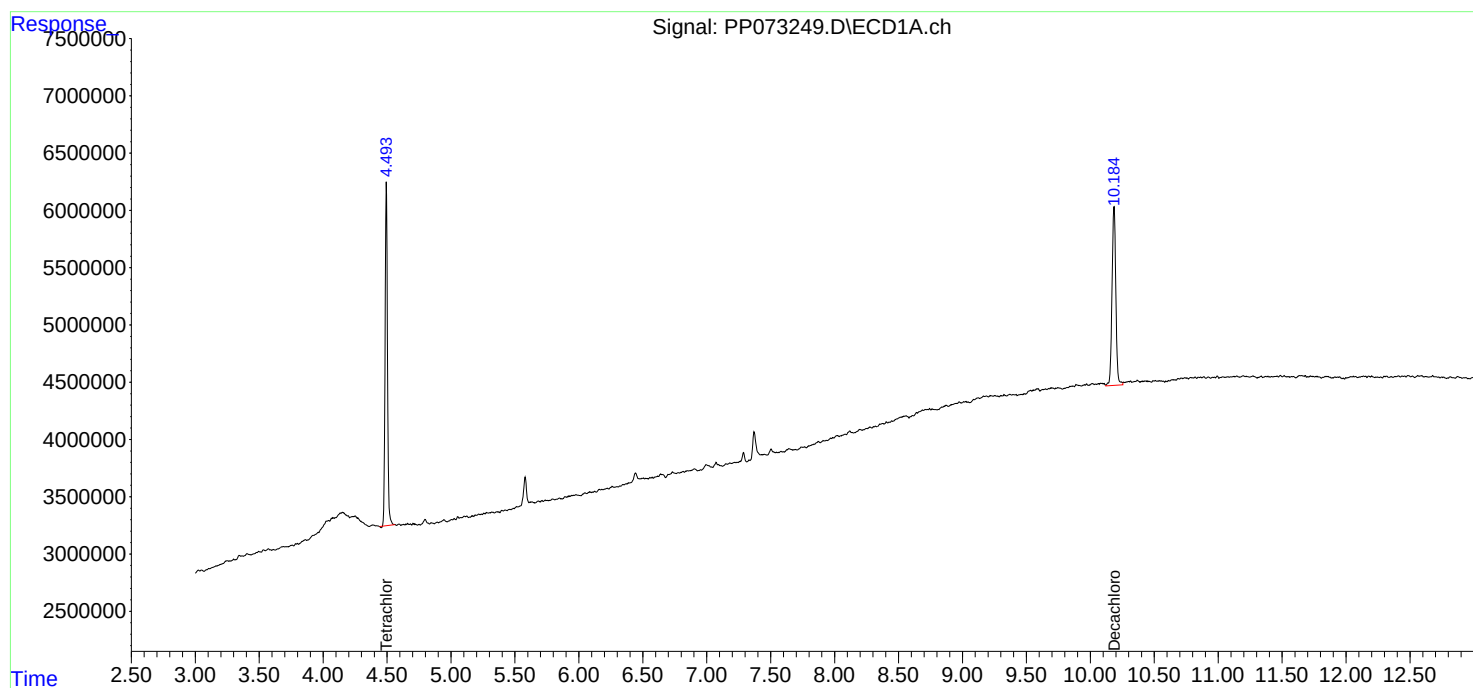
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

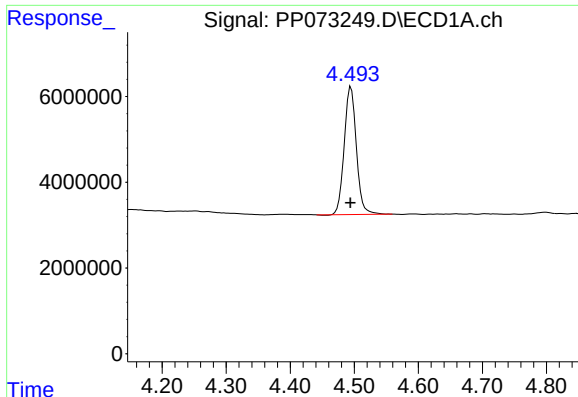
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 17:04
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:49:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

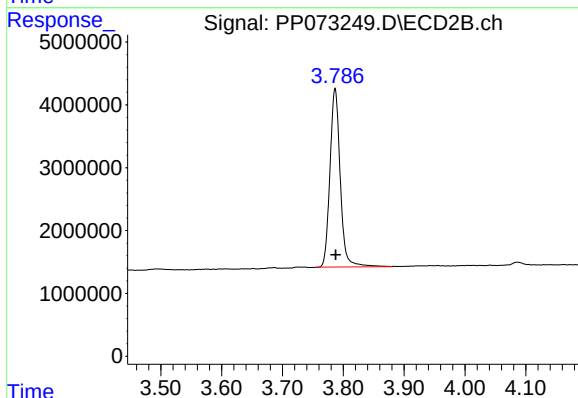




#1 Tetrachloro-m-xylene

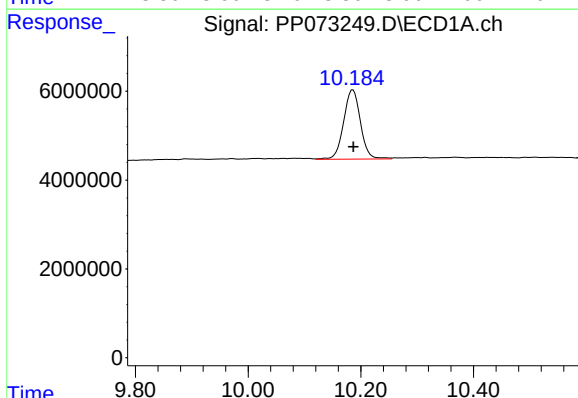
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 39128376
Conc: 18.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



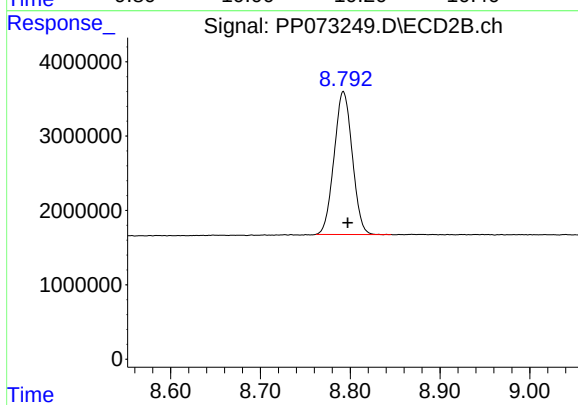
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 33381409
Conc: 18.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.186 min
Delta R.T.: -0.001 min
Response: 32314737
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.793 min
Delta R.T.: -0.005 min
Response: 27018268
Conc: 20.24 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/25/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/25/25
Client Sample ID:	PIBLK-PP073264.D	SDG No.:	Q2393
Lab Sample ID:	I.BLK-PP073264.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073264.D	1		06/25/25	PP062525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.7		60 - 140	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 22:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:56:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.491	3.786	37402336	33149892	17.719	18.398
2)	SA Decachlor...	10.182	8.792	29362708	26895512	17.182	20.151

Target Compounds

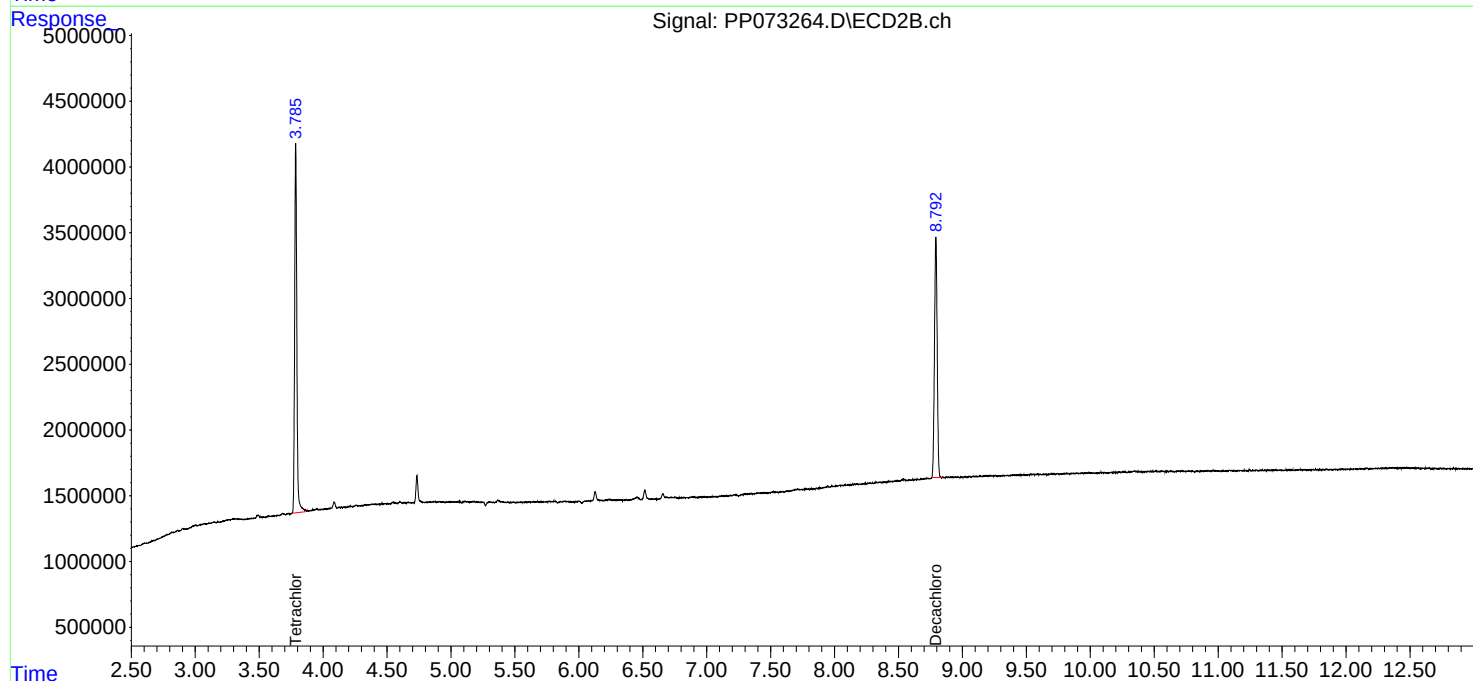
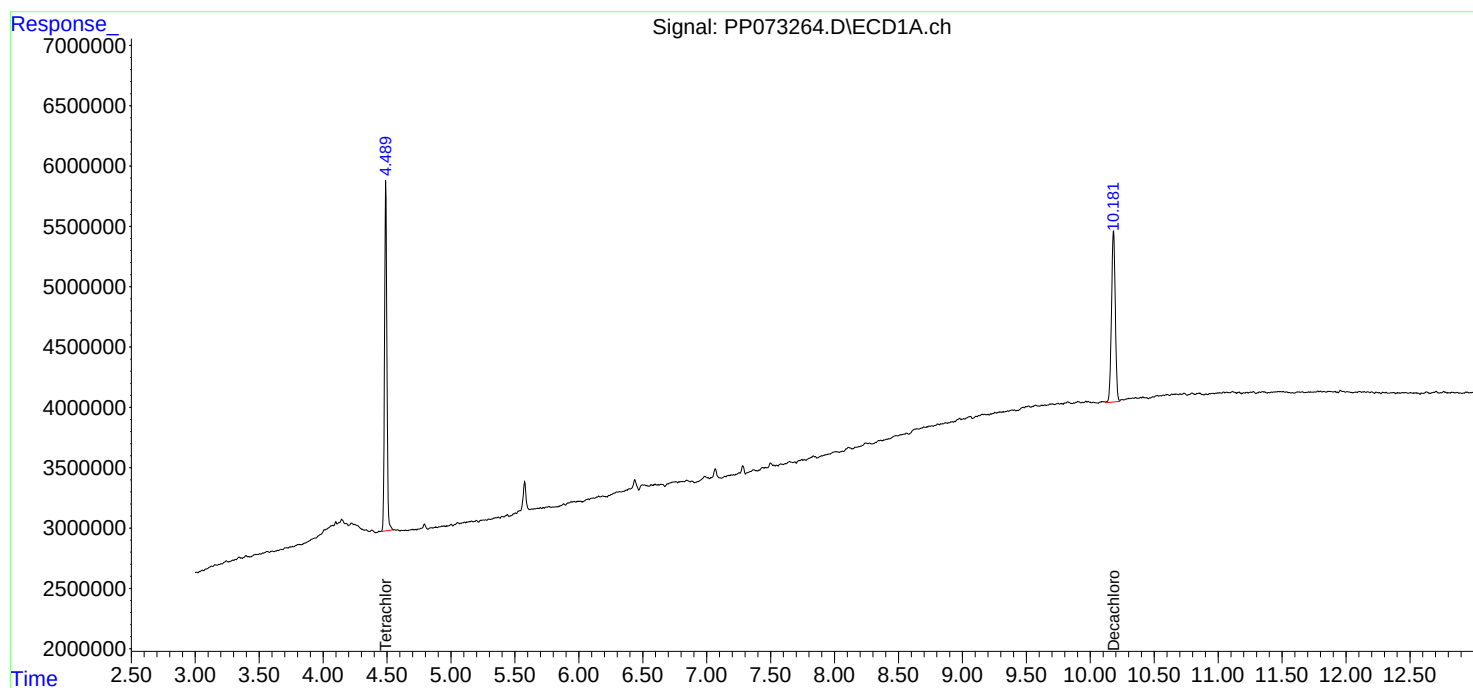
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 22:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

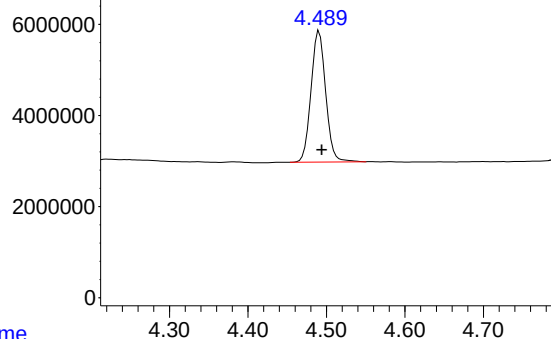
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:56:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP073264.D\ECD1A.ch

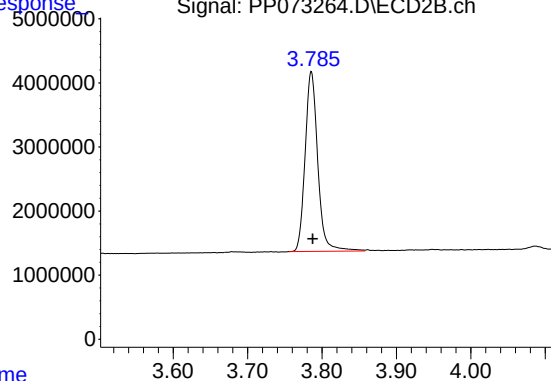


#1 Tetrachloro-m-xylene

R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 37402336
Conc: 17.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

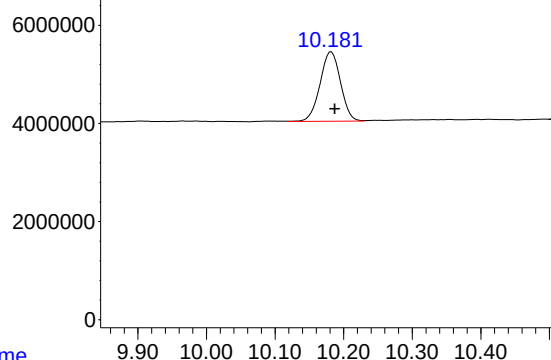
Time Response_ Signal: PP073264.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.786 min
Delta R.T.: -0.002 min
Response: 33149892
Conc: 18.40 ng/ml

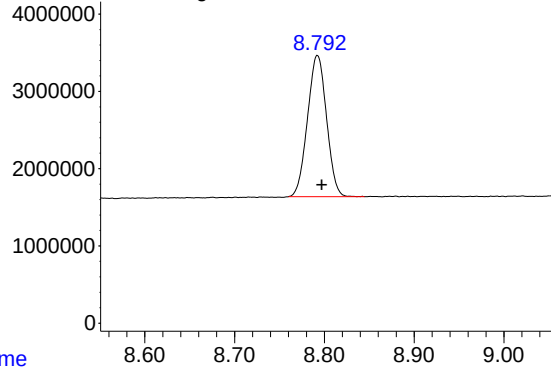
Time Response_ Signal: PP073264.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.182 min
Delta R.T.: -0.005 min
Response: 29362708
Conc: 17.18 ng/ml

Time Response_ Signal: PP073264.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: -0.005 min
Response: 26895512
Conc: 20.15 ng/ml

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	
Client Sample ID:	PB168607BS	SDG No.:	Q2393
Lab Sample ID:	PB168607BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073237.D	1	06/25/25 08:45	06/25/25 13:15	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	165		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	165		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		32 - 175	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 13:15
 Operator : YP\AJ
 Sample : PB168607BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168607BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 14:15:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.491	3.783	42591028	34495442	20.178	19.145
2) SA Decachlor...	10.182	8.790	34902616	28773664	20.424	21.558m
Target Compounds						
3) L1 AR-1016-1	5.642	4.863	34283674	31440257	471.762	457.528
4) L1 AR-1016-2	5.663	4.881	52258682	47697086	502.387	473.945
5) L1 AR-1016-3	5.725	5.058	32505721	25670274	497.422	469.153
6) L1 AR-1016-4	5.823	5.099	27667527	20565137	529.210	461.623
7) L1 AR-1016-5	6.115	5.313	23839219	25908894	476.736	468.665
31) L7 AR-1260-1	7.232	6.343	47935261	45262172	543.401	477.799
32) L7 AR-1260-2	7.486	6.532	72865209	55895129	536.232	480.049
33) L7 AR-1260-3	7.844	6.683	51594177	50023078	451.977	480.247
34) L7 AR-1260-4	8.067	7.153	50231625	37010739	487.470	421.830
35) L7 AR-1260-5	8.386	7.396	108.9E6	90160509	452.734	422.495

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 13:15
Operator : YP\AJ
Sample : PB168607BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

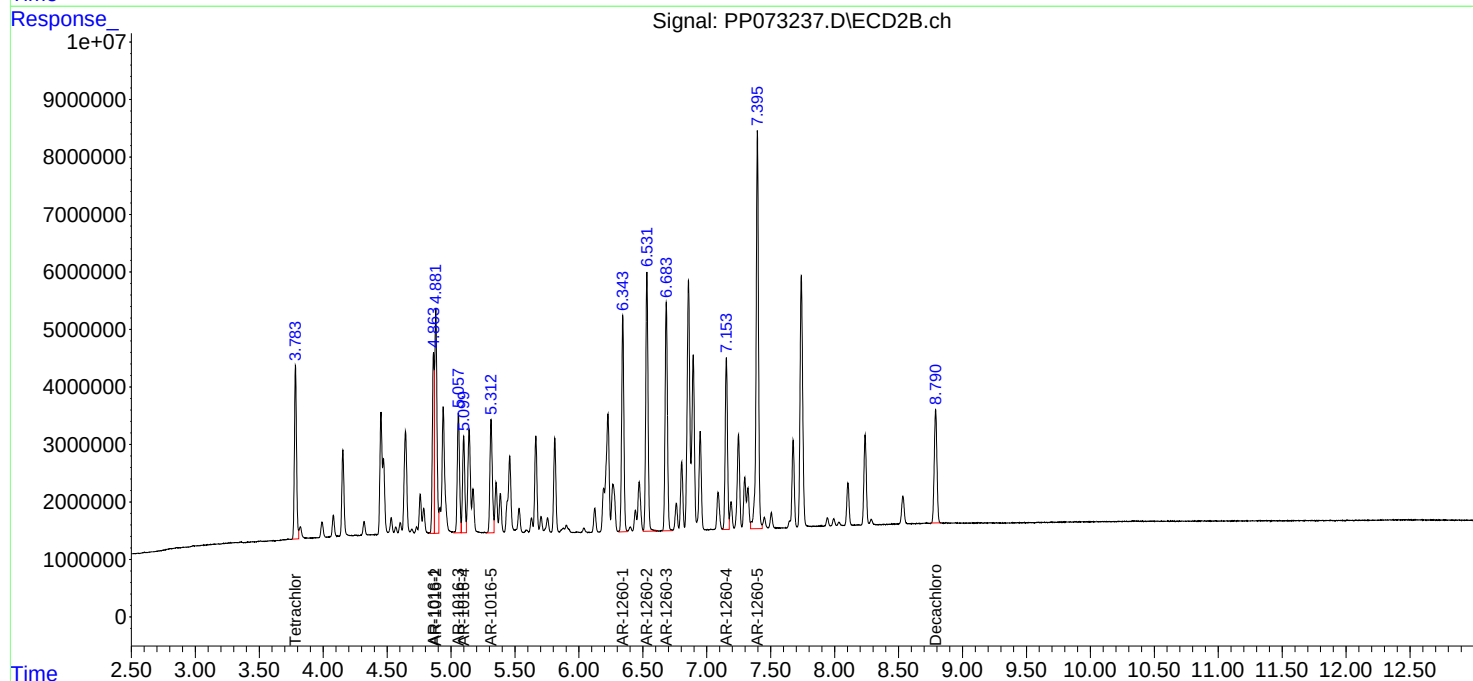
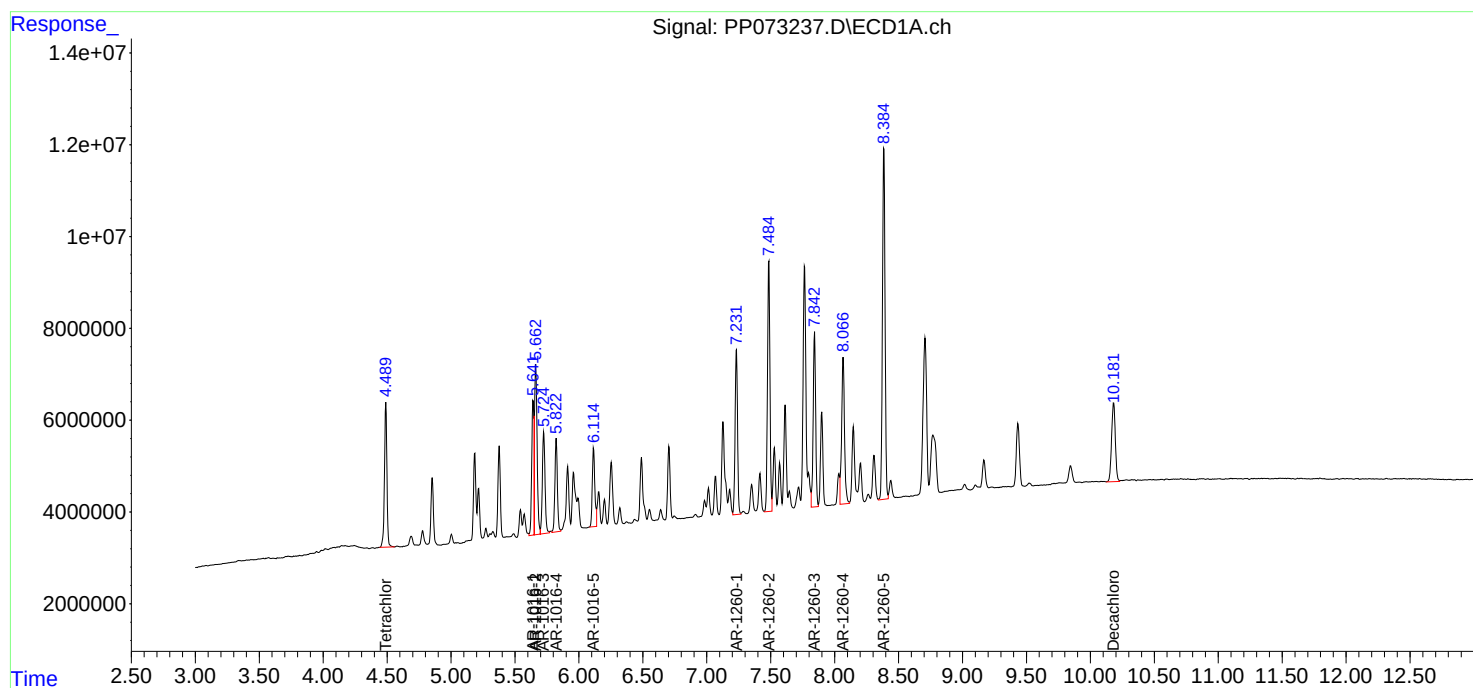
Instrument :
ECD_P
ClientSampleId :
PB168607BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2025
Supervised By :mohammad ahmed 06/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 14:15:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	S-1MS	SDG No.:	Q2393
Lab Sample ID:	Q2392-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073239.D	1	06/25/25 08:45	06/25/25 13:47	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	166		4.30	18.4	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.4	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.4	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.4	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.4	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.4	ug/kg
11096-82-5	Aroclor-1260	164		3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		32 - 144	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		32 - 175	110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073239.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 13:47
 Operator : YP\AJ
 Sample : Q2392-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 S-1MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 14:16:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.487	3.784	43911395	34224965	20.803	18.995
2) SA Decachlor...	10.177	8.791	34774921	29306529	20.349	21.957
Target Compounds						
3) L1 AR-1016-1	5.639	4.864	31651692	28152550	435.545	409.684
4) L1 AR-1016-2	5.660	4.882	49068536	42162450	471.719	418.949
5) L1 AR-1016-3	5.723	5.058	29765983	23179787	455.497	423.637
6) L1 AR-1016-4	5.820	5.100	25522749	18794096	488.185	421.869
7) L1 AR-1016-5	6.112	5.314	22341122	23411234	446.777	423.485
31) L7 AR-1260-1	7.228	6.344	45191203	43373225	512.294	457.859
32) L7 AR-1260-2	7.482	6.533	67340779	52258016	495.576	448.812
33) L7 AR-1260-3	7.840	6.685	46874779	47087154	410.634	452.061
34) L7 AR-1260-4	8.063	7.154	45641284	34836377	442.924	397.048
35) L7 AR-1260-5	8.382	7.396	97288146	82747653	404.318	387.758

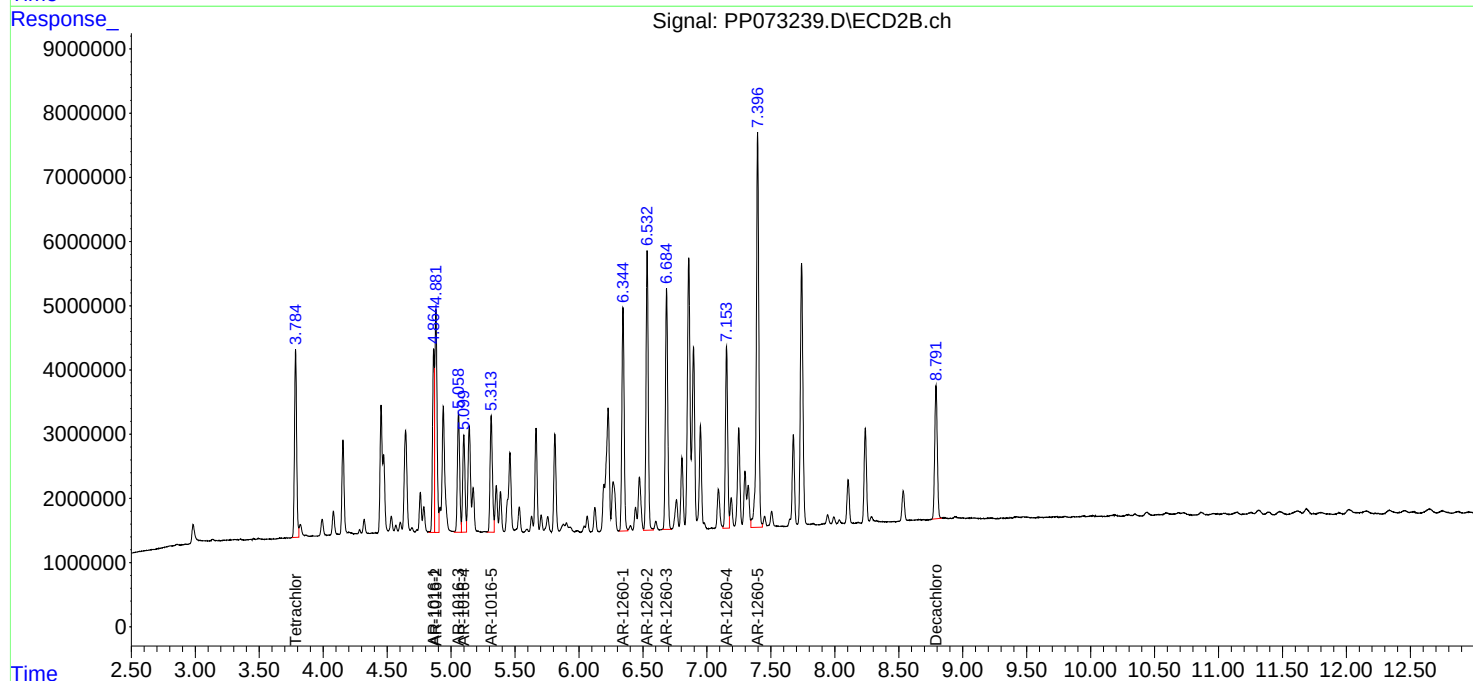
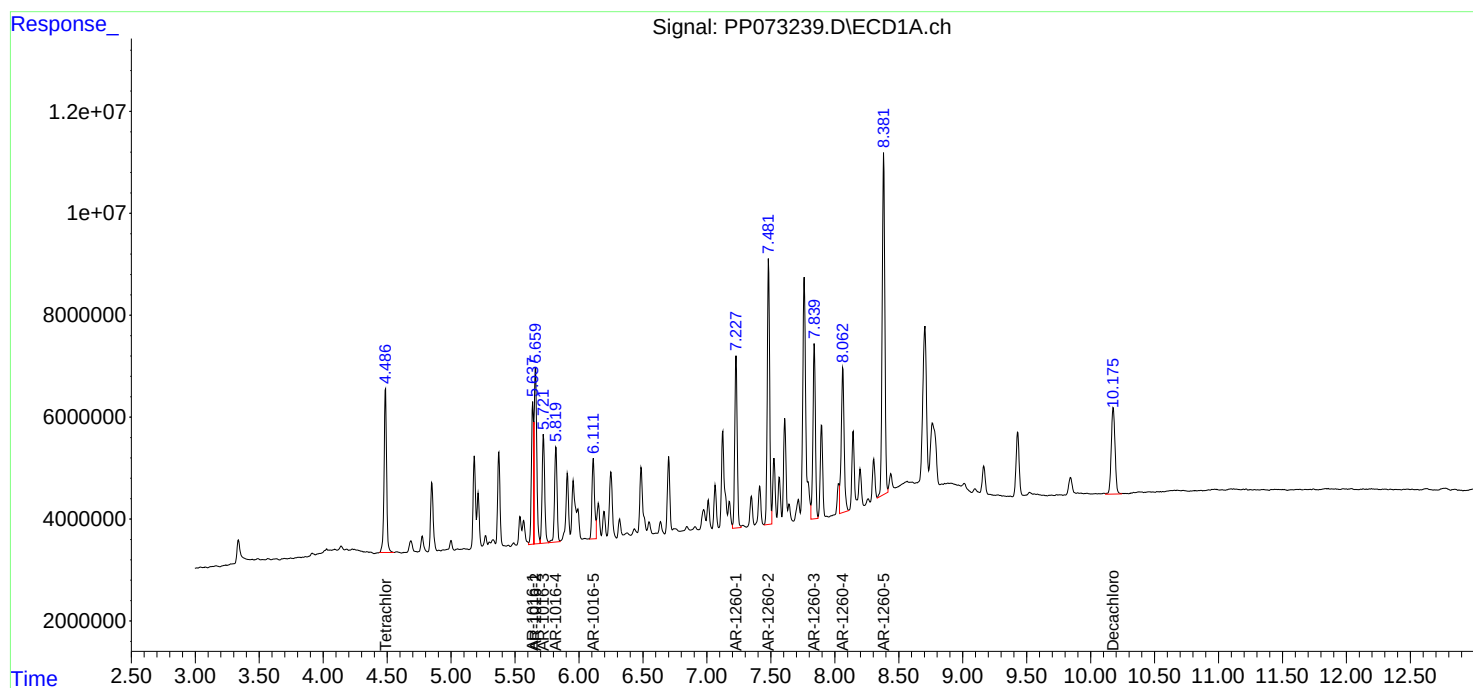
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 13:47
Operator : YP\AJ
Sample : Q2392-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
S-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 14:16:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	06/23/25
Project:	190 Park Ave Hanover Twp NJ - PO 2556-001	Date Received:	06/23/25
Client Sample ID:	S-1MSD	SDG No.:	Q2393
Lab Sample ID:	Q2392-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073240.D	1	06/25/25 08:45	06/25/25 14:04	PB168607

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	165		4.30	18.4	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.4	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.4	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.4	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.4	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.4	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.4	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.4	ug/kg
11096-82-5	Aroclor-1260	164		3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		32 - 175	98%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
 Data File : PP073240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 14:04
 Operator : YP\AJ
 Sample : Q2392-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 S-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 14:50:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.490	3.784	40509529	31097410	19.191	17.259
2) SA Decachlor...	10.181	8.790	31533129	26169400	18.452	19.607
Target Compounds						
3) L1 AR-1016-1	5.642	4.864	31724813	27909592	436.551	406.149
4) L1 AR-1016-2	5.663	4.881	48321827	41427136	464.541	411.643
5) L1 AR-1016-3	5.725	5.058	29606262	22990362	453.053	420.175
6) L1 AR-1016-4	5.822	5.100	25210546	18641418	482.214	418.442
7) L1 AR-1016-5	6.115	5.313	22344818	23141391	446.851	418.604
31) L7 AR-1260-1	7.232	6.344	45089771	41749952	511.144	440.723
32) L7 AR-1260-2	7.484	6.533	67026864	50181853	493.266	430.981
33) L7 AR-1260-3	7.843	6.684	46445037	46073807	406.869	442.332
34) L7 AR-1260-4	8.066	7.154	46433419	34225332	450.611	390.083
35) L7 AR-1260-5	8.384	7.396	97949533	79765117	407.067	373.781

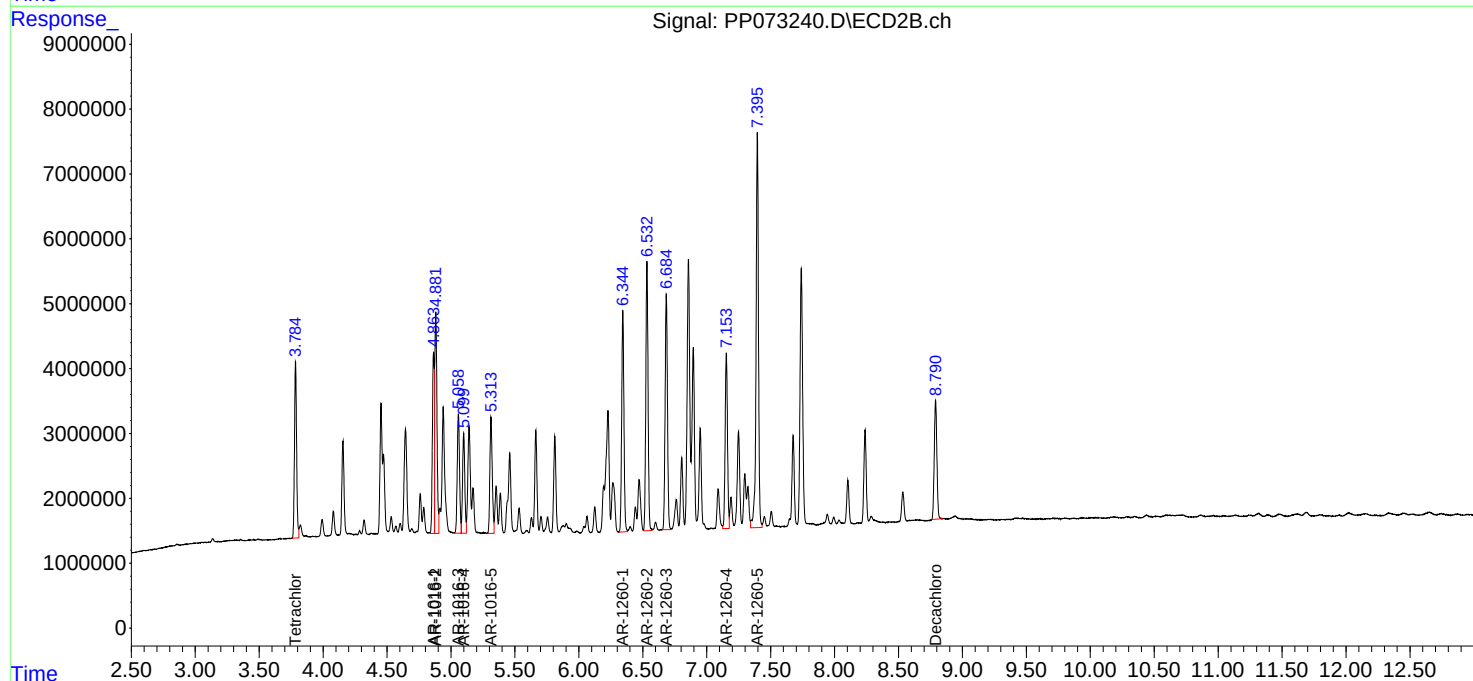
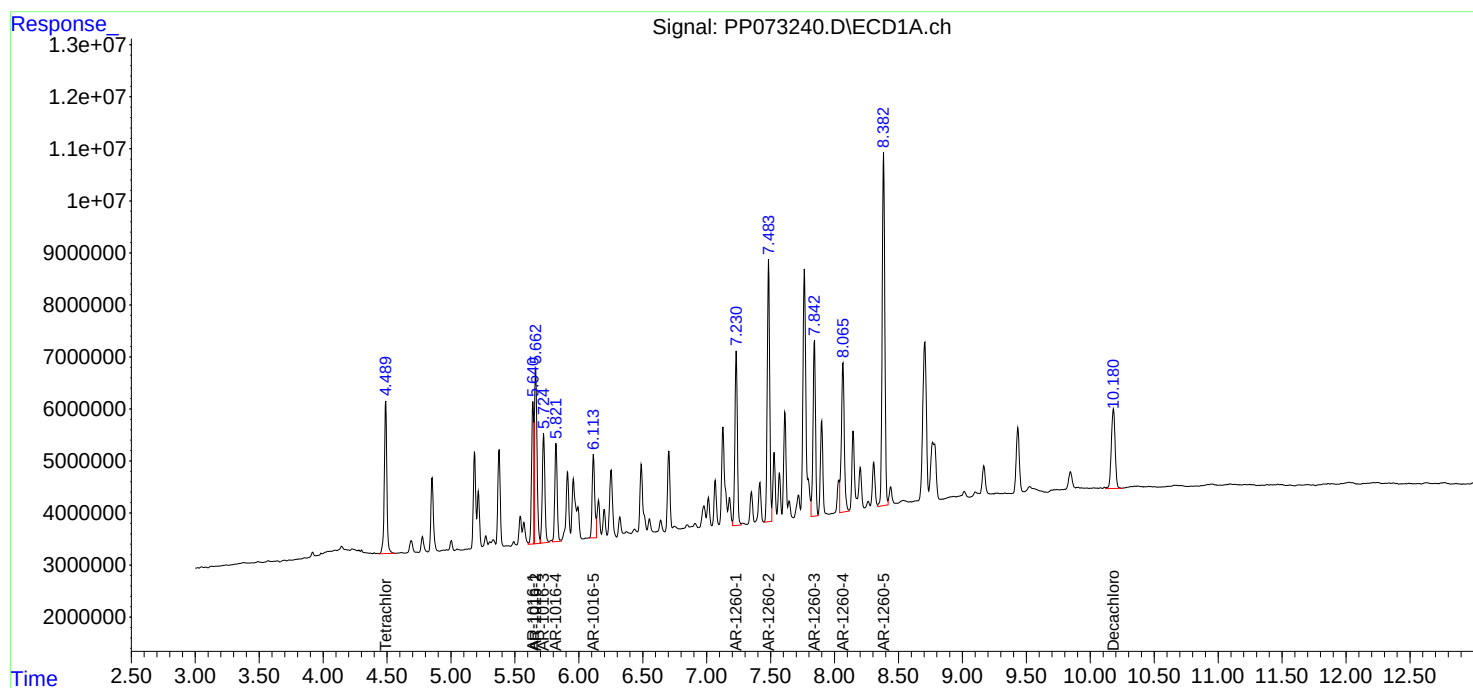
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062525\
Data File : PP073240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 14:04
Operator : YP\AJ
Sample : Q2392-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
S-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 14:50:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:

pp061725

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP072994.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:19 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-1	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-2	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-3	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-4	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-5	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-4	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

Manual Integration Report

Sequence:	pp061725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP073002.D	AR-1242-4 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-5	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1268ICC050	PP073018.D	AR-1268-1	yogesh	6/18/2025 8:42:25 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

Manual Integration Report

Sequence:

PP062525

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073230.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:14 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073231.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:16 AM	 	 	Peak Integrated by Software
PB168607BL	PP073236.D	Decachlorobiphenyl	yogesh	6/26/2025 7:31:18 AM	 	 	Peak Integrated by Software
PB168607BS	PP073237.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:21 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073245.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:24 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073261.D	AR-1242-5	yogesh	6/26/2025 7:31:30 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP073263.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:31 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP073273.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:40 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP073274.D	AR-1242-5	yogesh	6/26/2025 7:31:42 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073275.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:44 AM	 	 	Peak Integrated by Software
I.BLK	PP073277.D	Decachlorobiphenyl #2	yogesh	6/26/2025 7:31:46 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072989.D	17 Jun 2025 09:31	YP\AJ	Ok
2	I.BLK	PP072990.D	17 Jun 2025 09:47	YP\AJ	Ok
3	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04	YP\AJ	Ok
4	AR1660ICC750	PP072992.D	17 Jun 2025 10:20	YP\AJ	Ok
5	AR1660ICC500	PP072993.D	17 Jun 2025 10:37	YP\AJ	Ok
6	AR1660ICC250	PP072994.D	17 Jun 2025 10:53	YP\AJ	Ok,M
7	AR1660ICC050	PP072995.D	17 Jun 2025 11:43	YP\AJ	Ok,M
8	AR1221ICC500	PP072996.D	17 Jun 2025 12:00	YP\AJ	Ok
9	AR1232ICC500	PP072997.D	17 Jun 2025 12:16	YP\AJ	Ok
10	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27	YP\AJ	Ok
11	AR1242ICC750	PP072999.D	17 Jun 2025 14:43	YP\AJ	Ok
12	AR1242ICC500	PP073000.D	17 Jun 2025 15:00	YP\AJ	Ok
13	AR1242ICC250	PP073001.D	17 Jun 2025 15:16	YP\AJ	Ok
14	AR1242ICC050	PP073002.D	17 Jun 2025 15:32	YP\AJ	Ok,M
15	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49	YP\AJ	Ok
16	AR1248ICC750	PP073004.D	17 Jun 2025 16:21	YP\AJ	Ok
17	AR1248ICC500	PP073005.D	17 Jun 2025 16:37	YP\AJ	Ok
18	AR1248ICC250	PP073006.D	17 Jun 2025 16:54	YP\AJ	Ok
19	AR1248ICC050	PP073007.D	17 Jun 2025 17:10	YP\AJ	Ok
20	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26	YP\AJ	Ok
21	AR1254ICC750	PP073009.D	17 Jun 2025 17:43	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP073010.D	17 Jun 2025 17:59	YP\AJ	Ok
23	AR1254ICC250	PP073011.D	17 Jun 2025 18:15	YP\AJ	Ok
24	AR1254ICC050	PP073012.D	17 Jun 2025 18:32	YP\AJ	Ok
25	AR1262ICC500	PP073013.D	17 Jun 2025 18:48	YP\AJ	Ok
26	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04	YP\AJ	Ok
27	AR1268ICC750	PP073015.D	17 Jun 2025 19:21	YP\AJ	Ok
28	AR1268ICC500	PP073016.D	17 Jun 2025 19:37	YP\AJ	Ok
29	AR1268ICC250	PP073017.D	17 Jun 2025 19:53	YP\AJ	Ok
30	AR1268ICC050	PP073018.D	17 Jun 2025 20:10	YP\AJ	Ok,M
31	PP061725ICV500	PP073019.D	17 Jun 2025 20:26	YP\AJ	Ok
32	AR1242ICV500	PP073020.D	17 Jun 2025 20:59	YP\AJ	Ok
33	AR1248ICV500	PP073021.D	17 Jun 2025 21:31	YP\AJ	Ok
34	AR1254ICV500	PP073022.D	17 Jun 2025 22:04	YP\AJ	Ok
35	AR1268ICV500	PP073023.D	17 Jun 2025 22:37	YP\AJ	Ok
36	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062525

Review By	yogesh	Review On	6/25/2025 11:08:52 AM
Supervise By		Supervise On	
SubDirectory	PP062525	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073229.D	25 Jun 2025 09:31	YP\AJ	Ok
2	AR1660CCC500	PP073230.D	25 Jun 2025 09:47	YP\AJ	Ok,NS
3	AR1242CCC500	PP073231.D	25 Jun 2025 10:03	YP\AJ	Ok,NS
4	AR1248CCC500	PP073232.D	25 Jun 2025 10:20	YP\AJ	Ok
5	AR1254CCC500	PP073233.D	25 Jun 2025 10:36	YP\AJ	Ok
6	I.BLK	PP073234.D	25 Jun 2025 10:52	YP\AJ	Ok
7	DDT ANALOGUE	PP073235.D	25 Jun 2025 11:09	YP\AJ	Ok
8	PB168607BL	PP073236.D	25 Jun 2025 12:59	YP\AJ	Ok,NS
9	PB168607BS	PP073237.D	25 Jun 2025 13:15	YP\AJ	Ok,NS
10	Q2392-01	PP073238.D	25 Jun 2025 13:31	YP\AJ	Ok,NS
11	Q2392-01MS	PP073239.D	25 Jun 2025 13:47	YP\AJ	Ok
12	Q2392-01MSD	PP073240.D	25 Jun 2025 14:04	YP\AJ	Ok
13	Q2393-01	PP073241.D	25 Jun 2025 14:20	YP\AJ	Ok
14	Q2393-03	PP073242.D	25 Jun 2025 14:37	YP\AJ	Ok
15	Q2393-05	PP073243.D	25 Jun 2025 14:53	YP\AJ	Ok
16	Q2393-07	PP073244.D	25 Jun 2025 15:09	YP\AJ	Ok
17	AR1660CCC500	PP073245.D	25 Jun 2025 15:59	YP\AJ	Ok,NS
18	AR1242CCC500	PP073246.D	25 Jun 2025 16:15	YP\AJ	Ok
19	AR1248CCC500	PP073247.D	25 Jun 2025 16:31	YP\AJ	Ok
20	AR1254CCC500	PP073248.D	25 Jun 2025 16:48	YP\AJ	Ok
21	I.BLK	PP073249.D	25 Jun 2025 17:04	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062525

Review By	yogesh	Review On	6/25/2025 11:08:52 AM
Supervise By		Supervise On	
SubDirectory	PP062525	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2393-09	PP073250.D	25 Jun 2025 17:21	YPIAJ	Ok
23	Q2393-11	PP073251.D	25 Jun 2025 17:37	YPIAJ	Ok
24	Q2394-01	PP073252.D	25 Jun 2025 17:54	YPIAJ	Ok
25	Q2398-03	PP073253.D	25 Jun 2025 18:10	YPIAJ	Ok
26	Q2398-06	PP073254.D	25 Jun 2025 18:26	YPIAJ	Ok
27	Q2412-01	PP073255.D	25 Jun 2025 18:43	YPIAJ	Ok,NS
28	Q2387-01	PP073256.D	25 Jun 2025 18:59	YPIAJ	Dilution
29	Q2387-02	PP073257.D	25 Jun 2025 19:16	YPIAJ	Dilution
30	Q2387-03	PP073258.D	25 Jun 2025 19:32	YPIAJ	Dilution
31	Q2411-01	PP073259.D	25 Jun 2025 19:49	YPIAJ	Ok
32	AR1660CCC500	PP073260.D	25 Jun 2025 20:54	YPIAJ	Ok
33	AR1242CCC500	PP073261.D	25 Jun 2025 21:27	YPIAJ	Ok,NS
34	AR1248CCC500	PP073262.D	25 Jun 2025 21:44	YPIAJ	Ok
35	AR1254CCC500	PP073263.D	25 Jun 2025 22:00	YPIAJ	Ok,NS
36	I.BLK	PP073264.D	25 Jun 2025 22:17	YPIAJ	Ok
37	PB168618BL	PP073265.D	25 Jun 2025 22:33	YPIAJ	Ok
38	PB168618BS	PP073266.D	25 Jun 2025 22:49	YPIAJ	Ok
39	Q2421-01	PP073267.D	25 Jun 2025 23:06	YPIAJ	Ok,NS
40	Q2421-02	PP073268.D	25 Jun 2025 23:22	YPIAJ	Ok
41	Q2421-03	PP073269.D	25 Jun 2025 23:39	YPIAJ	Ok
42	Q2421-04	PP073270.D	25 Jun 2025 23:55	YPIAJ	Ok,NS
43	Q2421-05	PP073271.D	26 Jun 2025 00:11	YPIAJ	Ok,NS
44	Q2421-06	PP073272.D	26 Jun 2025 00:28	YPIAJ	Dilution

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062525

Review By	yogesh	Review On	6/25/2025 11:08:52 AM
Supervise By		Supervise On	
SubDirectory	PP062525	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	AR1660CCC500	PP073273.D	26 Jun 2025 01:33	YP\AJ	Ok,NS
46	AR1242CCC500	PP073274.D	26 Jun 2025 02:06	YP\AJ	Ok,NS
47	AR1248CCC500	PP073275.D	26 Jun 2025 02:23	YP\AJ	Ok,NS
48	AR1254CCC500	PP073276.D	26 Jun 2025 02:39	YP\AJ	Ok
49	I.BLK	PP073277.D	26 Jun 2025 02:55	YP\AJ	Ok,NS

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072989.D	17 Jun 2025 09:31		YP\AJ	Ok
2	I.BLK	I.BLK	PP072990.D	17 Jun 2025 09:47		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072992.D	17 Jun 2025 10:20		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072993.D	17 Jun 2025 10:37		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072994.D	17 Jun 2025 10:53		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP072995.D	17 Jun 2025 11:43		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072996.D	17 Jun 2025 12:00		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP072997.D	17 Jun 2025 12:16		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP072999.D	17 Jun 2025 14:43		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073000.D	17 Jun 2025 15:00		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073001.D	17 Jun 2025 15:16		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073002.D	17 Jun 2025 15:32		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073004.D	17 Jun 2025 16:21		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073005.D	17 Jun 2025 16:37		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073006.D	17 Jun 2025 16:54		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM
SubDirectory	PP061725	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP073007.D	17 Jun 2025 17:10		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073009.D	17 Jun 2025 17:43		YPIAJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073010.D	17 Jun 2025 17:59		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073011.D	17 Jun 2025 18:15		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073012.D	17 Jun 2025 18:32		YPIAJ	Ok
25	AR1262ICC500	AR1262ICC500	PP073013.D	17 Jun 2025 18:48		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073015.D	17 Jun 2025 19:21		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073016.D	17 Jun 2025 19:37		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073017.D	17 Jun 2025 19:53		YPIAJ	Ok
30	AR1268ICC050	AR1268ICC050	PP073018.D	17 Jun 2025 20:10		YPIAJ	Ok,M
31	PP061725ICV500	ICVPP061725	PP073019.D	17 Jun 2025 20:26		YPIAJ	Ok
32	AR1242ICV500	ICVPP061725AR1242	PP073020.D	17 Jun 2025 20:59		YPIAJ	Ok
33	AR1248ICV500	ICVPP061725AR1248	PP073021.D	17 Jun 2025 21:31		YPIAJ	Ok
34	AR1254ICV500	ICVPP061725AR1254	PP073022.D	17 Jun 2025 22:04		YPIAJ	Ok
35	AR1268ICV500	ICVPP061725AR1268	PP073023.D	17 Jun 2025 22:37		YPIAJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062525

Review By	yogesh	Review On	6/25/2025 11:08:52 AM
Supervise By		Supervise On	
SubDirectory	PP062525	HP Acquire Method	HP Processing Method PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073229.D	25 Jun 2025 09:31		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073230.D	25 Jun 2025 09:47		YPIAJ	Ok,NS
3	AR1242CCC500	AR1242CCC500	PP073231.D	25 Jun 2025 10:03		YPIAJ	Ok,NS
4	AR1248CCC500	AR1248CCC500	PP073232.D	25 Jun 2025 10:20		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073233.D	25 Jun 2025 10:36		YPIAJ	Ok
6	I.BLK	I.BLK	PP073234.D	25 Jun 2025 10:52		YPIAJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PP073235.D	25 Jun 2025 11:09		YPIAJ	Ok
8	PB168607BL	PB168607BL	PP073236.D	25 Jun 2025 12:59		YPIAJ	Ok,NS
9	PB168607BS	PB168607BS	PP073237.D	25 Jun 2025 13:15		YPIAJ	Ok,NS
10	Q2392-01	S-1	PP073238.D	25 Jun 2025 13:31		YPIAJ	Ok,NS
11	Q2392-01MS	S-1MS	PP073239.D	25 Jun 2025 13:47		YPIAJ	Ok
12	Q2392-01MSD	S-1MSD	PP073240.D	25 Jun 2025 14:04		YPIAJ	Ok
13	Q2393-01	PARK AVE -1	PP073241.D	25 Jun 2025 14:20		YPIAJ	Ok
14	Q2393-03	PARK AVE -2	PP073242.D	25 Jun 2025 14:37		YPIAJ	Ok
15	Q2393-05	PARK AVE -3	PP073243.D	25 Jun 2025 14:53		YPIAJ	Ok
16	Q2393-07	PARK AVE -4	PP073244.D	25 Jun 2025 15:09		YPIAJ	Ok
17	AR1660CCC500	AR1660CCC500	PP073245.D	25 Jun 2025 15:59		YPIAJ	Ok,NS
18	AR1242CCC500	AR1242CCC500	PP073246.D	25 Jun 2025 16:15		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062525

Review By	yogesh	Review On	6/25/2025 11:08:52 AM
Supervise By		Supervise On	
SubDirectory	PP062525	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248CCC500	AR1248CCC500	PP073247.D	25 Jun 2025 16:31		YPIAJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073248.D	25 Jun 2025 16:48		YPIAJ	Ok
21	I.BLK	I.BLK	PP073249.D	25 Jun 2025 17:04		YPIAJ	Ok
22	Q2393-09	PARK AVE -5	PP073250.D	25 Jun 2025 17:21		YPIAJ	Ok
23	Q2393-11	PARK AVE -6	PP073251.D	25 Jun 2025 17:37		YPIAJ	Ok
24	Q2394-01	MH-K/L	PP073252.D	25 Jun 2025 17:54		YPIAJ	Ok
25	Q2398-03	M00-25-0179	PP073253.D	25 Jun 2025 18:10	AR1254 & AR1260 hits	YPIAJ	Ok
26	Q2398-06	ARS20-0036	PP073254.D	25 Jun 2025 18:26		YPIAJ	Ok
27	Q2412-01	TR-05-062425	PP073255.D	25 Jun 2025 18:43		YPIAJ	Ok,NS
28	Q2387-01	AUD-25-101	PP073256.D	25 Jun 2025 18:59	AR1254 hit (Need Dilution 50X)	YPIAJ	Dilution
29	Q2387-02	AUD-25-102	PP073257.D	25 Jun 2025 19:16	AR1254 hit (Need Dilution 50X)	YPIAJ	Dilution
30	Q2387-03	AUD-25-103	PP073258.D	25 Jun 2025 19:32	AR1254 hit (Need Dilution 50X)	YPIAJ	Dilution
31	Q2411-01	TRE-2002	PP073259.D	25 Jun 2025 19:49		YPIAJ	Ok
32	AR1660CCC500	AR1660CCC500	PP073260.D	25 Jun 2025 20:54		YPIAJ	Ok
33	AR1242CCC500	AR1242CCC500	PP073261.D	25 Jun 2025 21:27		YPIAJ	Ok,NS
34	AR1248CCC500	AR1248CCC500	PP073262.D	25 Jun 2025 21:44		YPIAJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073263.D	25 Jun 2025 22:00		YPIAJ	Ok,NS
36	I.BLK	I.BLK	PP073264.D	25 Jun 2025 22:17		YPIAJ	Ok
37	PB168618BL	PB168618BL	PP073265.D	25 Jun 2025 22:33		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062525

Review By	yogesh	Review On	6/25/2025 11:08:52 AM
Supervise By		Supervise On	
SubDirectory	PP062525	HP Acquire Method	HP Processing Method PP061725
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	PB168618BS	PB168618BS	PP073266.D	25 Jun 2025 22:49		YPIAJ	Ok
39	Q2421-01	62325	PP073267.D	25 Jun 2025 23:06	AR1242 hits.	YPIAJ	Ok,NS
40	Q2421-02	624-A	PP073268.D	25 Jun 2025 23:22	AR1242 hits.	YPIAJ	Ok
41	Q2421-03	624-B	PP073269.D	25 Jun 2025 23:39	AR1242 hits.	YPIAJ	Ok
42	Q2421-04	624-C	PP073270.D	25 Jun 2025 23:55	AR1242 hits.	YPIAJ	Ok,NS
43	Q2421-05	624-D	PP073271.D	26 Jun 2025 00:11	AR1242 hits.	YPIAJ	Ok,NS
44	Q2421-06	62325-A	PP073272.D	26 Jun 2025 00:28	AR1242 hits, Need 5X	YPIAJ	Dilution
45	AR1660CCC500	AR1660CCC500	PP073273.D	26 Jun 2025 01:33		YPIAJ	Ok,NS
46	AR1242CCC500	AR1242CCC500	PP073274.D	26 Jun 2025 02:06		YPIAJ	Ok,NS
47	AR1248CCC500	AR1248CCC500	PP073275.D	26 Jun 2025 02:23		YPIAJ	Ok,NS
48	AR1254CCC500	AR1254CCC500	PP073276.D	26 Jun 2025 02:39		YPIAJ	Ok
49	I.BLK	I.BLK	PP073277.D	26 Jun 2025 02:55		YPIAJ	Ok,NS

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/25/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136243

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2392-01	S-1	1	1.15	10.05	11.2	10.42	92.2	
Q2392-02	S-1A	2	1.18	10.49	11.67	10.97	93.3	
Q2393-01	PARK AVE -1	3	1.17	10.34	11.51	9.78	83.3	
Q2393-02	PARK AVE -1	4	1.15	10.07	11.22	9.4	81.9	
Q2393-03	PARK AVE -2	5	1.13	10.85	11.98	10.19	83.5	
Q2393-04	PARK AVE -2	6	1.19	10.26	11.45	9.55	81.5	
Q2393-05	PARK AVE -3	7	1.12	10.25	11.37	10.00	86.6	
Q2393-06	PARK AVE -3	8	1.15	10.84	11.99	10.5	86.3	
Q2393-07	PARK AVE -4	9	1.16	10.70	11.86	10.54	87.7	
Q2393-08	PARK AVE -4	10	1.19	9.86	11.05	9.84	87.7	
Q2393-09	PARK AVE -5	11	1.15	10.84	11.99	11.05	91.3	
Q2393-10	PARK AVE -5	12	1.15	9.95	11.1	9.95	88.4	
Q2393-11	PARK AVE -6	13	1.19	10.23	11.42	10.07	86.8	
Q2393-12	PARK AVE -6	14	1.17	10.52	11.69	10.4	87.7	
Q2394-01	MH-K/L	15	1.18	10.49	11.67	10.23	86.3	
Q2394-02	MH-K/L EPH	16	1.19	9.97	11.16	9.58	84.2	
Q2394-03	MH-K/L VOC	17	1.13	10.86	11.99	10.66	87.8	
Q2394-04	MH-K/L	18	1.18	10.49	11.67	10.23	86.3	
Q2396-01	245F53-1-1	19	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-02	245F53-1-2	20	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-03	LAW-25-1A	21	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-04	LAW-25-1B	22	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-05	LAW-25-2A	23	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-06	LAW-25-2B	24	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-07	LAW-25-3A	25	1.00	1.00	2.00	2.00	100.0	oilc
Q2396-08	LAW-25-3B	26	1.00	1.00	2.00	2.00	100.0	oilc
Q2398-01	M00-25-0169	27	1.00	1.00	2.00	2.00	100.0	oil sample
Q2398-03	M00-25-0179	28	1.19	10.07	11.26	7.63	64.0	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/25/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB136243

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q2398-04	M00-25-0179-E2	29	1.19	10.25	11.44	7.68	63.3	
Q2398-06	ARS20-0036	30	1.19	10.53	11.72	10.47	88.1	
Q2398-07	ARS20-0036-E2	31	1.12	10.77	11.89	10.9	90.8	
Q2399-01	TP-13	32	1.13	10.84	11.97	10.27	84.3	
Q2399-02	TP-13-EPH	33	1.19	10.36	11.55	9.96	84.7	
Q2399-03	TP-13-VOC	34	1.15	10.84	11.99	10.36	85.0	
Q2399-04	TP-13	35	1.13	10.84	11.97	10.27	84.3	
Q2399-05	EP-7	36	1.19	10.47	11.66	10.37	87.7	
Q2399-06	EP-7-EPH	37	1.19	10.47	11.66	10.33	87.3	
Q2399-07	EP-7-VOC	38	1.16	10.57	11.73	10.38	87.2	
Q2399-08	EP-13	39	1.19	10.47	11.66	10.37	87.7	
Q2400-01	B-156-SB01	40	1.17	10.58	11.75	10.11	84.5	
Q2400-02	B-134-SB01	41	1.19	10.00	11.19	9.49	83.0	
Q2403-03	LAW-25-0093	42	1.18	10.24	11.42	10.54	91.4	
Q2403-04	LAW-25-0093-E2	43	1.18	10.14	11.32	10.42	91.1	
Q2403-05	Concrete-062325	44	1.15	10.84	11.99	11.71	97.4	
Q2403-07	ARS 20-006	45	1.19	10.44	11.63	11.13	95.2	
Q2403-08	ARS020-0006-E2	46	1.18	10.64	11.82	11.09	93.1	
Q2405-01	MH-M/H	47	1.19	10.11	11.3	10.37	90.8	
Q2405-02	MH-M/N-EPH	48	1.19	10.01	11.2	10.15	89.5	
Q2405-03	MH-M/N-VOC	49	1.11	10.71	11.82	10.9	91.4	
Q2406-01	PUMPING-PLANT	50	1.00	1.00	2.00	2.00	100.0	oil sample
Q2409-02	COP-SOIL-PILE	51	1.18	10.58	11.76	11.38	96.4	
Q2410-01	TRE-25-0021	52	1.00	1.00	2.00	2.00	100.0	debris
Q2411-01	TRE-2002	53	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2412-01	TR-05-062425	54	1.18	10.08	11.26	10.94	96.8	
Q2412-02	TR-05-062425-E2	55	1.16	10.28	11.44	11.23	98.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2392-01	S-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	A41	06/23/2025	Chemtech -SO
Q2392-02	S-1A	Solid	Percent Solids	Cool 4 deg C	EARTH03	A41	06/23/2025	Chemtech -SO
Q2393-01	PARK AVE -1	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-02	PARK AVE -1	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-03	PARK AVE -2	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-04	PARK AVE -2	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-05	PARK AVE -3	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-06	PARK AVE -3	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-07	PARK AVE -4	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-08	PARK AVE -4	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-09	PARK AVE -5	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-10	PARK AVE -5	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-11	PARK AVE -6	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2393-12	PARK AVE -6	Solid	Percent Solids	Cool 4 deg C	UNIO02	A22	06/23/2025	Chemtech -SO
Q2394-01	MH-K/L	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2394-02	MH-K/L EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2394-03	MH-K/L VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2394-04	MH-K/L	Solid	Percent Solids	Cool 4 deg C	PSEG03	A21	06/23/2025	Chemtech -SO
Q2396-01	245F53-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-02	245F53-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-03	LAW-25-1A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO

Date/Time 06/24/25 15:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/24/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2396-04	LAW-25-1B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-05	LAW-25-2A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-06	LAW-25-2B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-07	LAW-25-3A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2396-08	LAW-25-3B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/23/2025	Chemtech -SO
Q2398-01	M00-25-0169	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-03	M00-25-0179	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-04	M00-25-0179-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-06	ARS20-0036	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2398-07	ARS20-0036-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A33	06/23/2025	Chemtech -SO
Q2399-01	TP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-02	TP-13-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-03	TP-13-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-04	TP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-05	EP-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-06	EP-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-07	EP-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2399-08	EP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	A41	06/23/2025	Chemtech -SO
Q2400-01	B-156-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	A42	06/23/2025	Chemtech -SO
Q2400-02	B-134-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	A42	06/23/2025	Chemtech -SO
Q2403-03	LAW-25-0093	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

136243

WorkList Name : %1-062425

WorkList ID : 190342

Department : Wet-Chemistry

Date : 06-24-2025 08:17:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2403-04	LAW-25-0093-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2403-05	Concrete-062325	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2403-07	ARS 20-006	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2403-08	ARS020-0006-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A32	06/23/2025	Chemtech -SO
Q2405-01	MH-M/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2405-02	MH-M/N-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2405-03	MH-M/N-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2406-01	PUMPING-PLANT	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/23/2025	Chemtech -SO
Q2409-02	COP-SOIL-PILE	Solid	Percent Solids	Cool 4 deg C	COPP02	D51	06/24/2025	Chemtech -SO
Q2410-01	TRE-25-0021	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2411-01	TRE-2002	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/24/2025	Chemtech -SO
Q2412-01	TR-05-062425	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	06/24/2025	Chemtech -SO
Q2412-02	TR-05-062425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	06/24/2025	Chemtech -SO

Date/Time 06/24/25 15:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 06/24/25 17:20
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 06/25/2025

Matrix : Solid

Extraction Start Time : 08:45

Weigh By: EH

Extraction By: RJ

Extraction End Date : 06/25/2025

Balance check: EH

Filter By: RJ

Extraction End Time : 12:00

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24597
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2613
Baked Na2SO4	N/A	EP2622
Sand	N/A	E2865
Hexane	N/A	E3945
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723, Q2406-01 used Ltd. volume as sample is oil.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/25/25	RS (Ext Lab)	Dr. Pest/PCB Lab
12:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/25/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168607BL	ABLK607	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168607BS	ALCS607	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2392-01	S-1	PCB	30.07	N/A	ritesh	Evelyn	10	B		3
Q2392-01MS	S-1MS	PCB	30.03	N/A	ritesh	Evelyn	10	B		4
Q2392-01MS D	S-1MSD	PCB	30.08	N/A	ritesh	Evelyn	10	B		5
Q2393-01	PARK AVE -1	PCB	30.05	N/A	ritesh	Evelyn	10	D		6
Q2393-03	PARK AVE -2	PCB	30.02	N/A	ritesh	Evelyn	10	D		U3-1
Q2393-05	PARK AVE -3	PCB	30.06	N/A	ritesh	Evelyn	10	D		2
Q2393-07	PARK AVE -4	PCB	30.03	N/A	ritesh	Evelyn	10	D		3
Q2393-09	PARK AVE -5	PCB	30.01	N/A	ritesh	Evelyn	10	D		4
Q2393-11	PARK AVE -6	PCB	30.08	N/A	ritesh	Evelyn	10	D		5
Q2394-01	MH-K/L	PCB	30.05	N/A	ritesh	Evelyn	10	D		6
Q2398-03	M00-25-0179	PCB	30.02	N/A	ritesh	Evelyn	10	D	Small Partical	U6-1
Q2398-06	ARS20-0036	PCB	30.01	N/A	ritesh	Evelyn	10	D		2
Q2399-01	TP-13	PCB	30.04	N/A	ritesh	Evelyn	10	D		3
Q2399-05	EP-7	PCB	30.06	N/A	ritesh	Evelyn	10	D		4
Q2400-01	B-156-SB01	PCB	30.03	N/A	ritesh	Evelyn	10			5
Q2400-02	B-134-SB01	PCB	30.07	N/A	ritesh	Evelyn	10			6
Q2403-03	LAW-25-0093	PCB	30.05	N/A	ritesh	Evelyn	10	D	Small Partical	U1-1
Q2403-05	CONCRETE-062325	PCB	30.06	N/A	ritesh	Evelyn	10	D	Concrete	2
Q2403-07	ARS 20-006	PCB	30.04	N/A	ritesh	Evelyn	10	D		3
Q2405-01	MH-M/H	PCB	30.01	N/A	ritesh	Evelyn	10	D		4
Q2406-01	PUMPING-PLANT	PCB	1.09	N/A	ritesh	Evelyn	10		Oil	
Q2412-01	TR-05-062425	PCB	30.05	N/A	ritesh	Evelyn	10	D		5

18067
5/18/25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2393

WorkList ID : 190367

Department : Extraction

Date : 06-25-2025 08:40:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2392-01	S-1	Solid	PCB	Cool 4 deg C	EARTH03	A41	06/23/2025	8082A
Q2393-01	PARK AVE -1	Solid	PCB	Cool 4 deg C	UNIO02	A22	06/23/2025	8082A
Q2393-03	PARK AVE -2	Solid	PCB	Cool 4 deg C	UNIO02	A22	06/23/2025	8082A
Q2393-05	PARK AVE -3	Solid	PCB	Cool 4 deg C	UNIO02	A22	06/23/2025	8082A
Q2393-07	PARK AVE -4	Solid	PCB	Cool 4 deg C	UNIO02	A22	06/23/2025	8082A
Q2393-09	PARK AVE -5	Solid	PCB	Cool 4 deg C	UNIO02	A22	06/23/2025	8082A
Q2393-11	PARK AVE -6	Solid	PCB	Cool 4 deg C	UNIO02	A22	06/23/2025	8082A
Q2394-01	MH-K/L	Solid	PCB	Cool 4 deg C	PSEG03	A21	06/23/2025	8082A
Q2398-03	M00-25-0179	Solid	PCB	Cool 4 deg C	PSEG03	A33	06/23/2025	8082A
Q2398-06	ARS20-0036	Solid	PCB	Cool 4 deg C	PSEG03	A33	06/23/2025	8082A
Q2399-01	TP-13	Solid	PCB	Cool 4 deg C	PSEG03	A41	06/23/2025	8082A
Q2399-05	EP-7	Solid	PCB	Cool 4 deg C	PSEG03	A41	06/23/2025	8082A
Q2400-01	B-156-SB01	Solid	PCB	Cool 4 deg C	PORT06	A42	06/23/2025	8082A
Q2400-02	B-134-SB01	Solid	PCB	Cool 4 deg C	PORT06	A42	06/23/2025	8082A
Q2403-03	LAW-25-0093	Solid	PCB	Cool 4 deg C	PSEG03	A32	06/23/2025	8082A
Q2403-05	Concrete-062325	Solid	PCB	Cool 4 deg C	PSEG03	A32	06/23/2025	8082A
Q2403-07	ARS 20-006	Solid	PCB	Cool 4 deg C	PSEG03		06/23/2025	8082A
Q2405-01	MH-M/H	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/24/2025	8082A
Q2406-01	PUMPING-PLANT	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/23/2025	8082A
Q2412-01	TR-05-062425	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/24/2025	8082A

Date/Time 06/25/25 8:40

Raw Sample Received by: RS (Left-1000)

Raw Sample Relinquished by: CR SM

Date/Time 06/25/25 9:10

Raw Sample Received by: CR SM

Raw Sample Relinquished by: RS (Left-1000)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Union Parking & Construction

ADDRESS: 190 PARK AVE

CITY HANOVER Twp STATE: NJ ZIP:

ATTENTION: GERARD BUSACCO

PHONE: (201) 315-5055 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 190 PARK AVE HANOVER Twp NJ-PD 36316-001

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:

ADDRESS:

CITY STATE: ZIP:

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*

HARDCOPY (DATA PACKAGE): _____ DAYS*

EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other _____
☐ EDD FORMAT _____

VOCs
Cy, Met, Mercury
PCB, Pest, PH
SUOCs

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		E/F	E	E	E						Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER	
1.	PARK AVE-1	5.	X		6-23	0820	4		X	X	X							
2.	PARK AVE-1			X		0822	4	X									PPM-0.0	
3.	PARK AVE-2		X			0828	4		X	X	X							
4.	PARK AVE-2			X		0830	4	X									PPM-0.0	
5.	PARK AVE-3		X			0832	4		X	X	X							
6.	PARK AVE-3			X		0834	4	X									PPM-0.0	
7.	PARK AVE-4		X			0837	4		X	X	X							
8.	PARK AVE-4			X		0839	4	X									PPM-0.0	
9.	PARK AVE-5		X			0843	4		X	X	X							
10.	PARK AVE-5			X		0845	4	X									PPM-0.0	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>1015</u> <u>6-23-25</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.5</u> °C Comments: _____
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: _____	RECEIVED BY: 2. _____	_____
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>1100</u> <u>6-23-25</u>	RECEIVED BY: 3. _____	_____

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Union Paving & Construction
ADDRESS: 190 PARK AVE
CITY HANOVER Twp STATE: NJ ZIP:
ATTENTION: GERARD BUSACCO
PHONE: (201) 315-5055 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 190 PARK AVE HANOVER Twp NJ-PO 3306-001
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other _____
☐ EDD FORMAT _____

VOCs
GP. Met. Mercury
PCBs, Pestic. PAH, SVOCs

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E/F	E	E							
1.	PARK AVE-6	S.	X		6-23	0852	4		X	X							
2.	PARK AVE-6	S.		X	6-23	0854	4	X									PPM-0.0
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>10:15</u> <u>6-23-25</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.1</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	Comments: _____
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>11:00</u> <u>6-23-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	Comments: _____

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2393	UNIO02	Order Date : 6/23/2025 11:43:58 AM	Project Mgr :
Client Name : Union Paving & Constructi		Project Name : 190 Park Ave Hanover Twp	Report Type : Level 3
Client Contact : Gerard Busacco		Receive DateTime : 6/23/2025 2:00:00 PM 	EDD Type : Excel NJ
Invoice Name : Union Paving & Constructi		Purchase Order : 11-10 PM	Hard Copy Date :
Invoice Contact : Gerard Busacco			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2393-02	PARK AVE -1	Solid	06/23/2025	08:22	VOC-TCLVOA-10		8260 		10 Bus. Days
Q2393-04	PARK AVE -2	Solid	06/23/2025	08:30	VOC-TCLVOA-10		8260 		10 Bus. Days
Q2393-06	PARK AVE -3	Solid	06/23/2025	08:34	VOC-TCLVOA-10		8260 		10 Bus. Days
Q2393-08	PARK AVE -4	Solid	06/23/2025	08:39	VOC-TCLVOA-10		8260 		10 Bus. Days
Q2393-10	PARK AVE -5	Solid	06/23/2025	08:45	VOC-TCLVOA-10		8260 		10 Bus. Days
Q2393-12	PARK AVE -6	Solid	06/23/2025	08:54	VOC-TCLVOA-10		8260 		10 Bus. Days

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2393	UNIO02	Order Date : 6/23/2025 11:43:58 AM	Project Mgr :
Client Name : Union Paving & Constructi		Project Name : 190 Park Ave Hanover Twp	Report Type : Level 3
Client Contact : Gerard Busacco		Receive DateTime : 6/23/2025 2:00:00 PM 11:00 AM	EDD Type : Excel NJ
Invoice Name : Union Paving & Constructi		Purchase Order :	Hard Copy Date :
Invoice Contact : Gerard Busacco			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
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Relinquished By : 

Date / Time : 6/23/25 1330

Received By : 

Date / Time : 06/23/25

Storage Area : VOA Refridgerator Room

13.30 Reg # 6
F22