

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

LAB CHRONICLE

OrderID:	Q2436	OrderDate:	6/26/2025 3:41:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2436-01	TP-70	SOIL	PCB	8082A	06/25/25	06/27/25	06/27/25	06/26/25
Q2436-02	TP-69	SOIL	PCB	8082A	06/25/25	06/27/25	06/27/25	06/26/25
Q2436-03	TP-85	SOIL	PCB	8082A	06/25/25	06/27/25	06/27/25	06/26/25
Q2436-04	TP-86	SOIL	PCB	8082A	06/25/25	06/27/25	06/27/25	06/26/25
Q2436-05	TP-84	SOIL	PCB	8082A	06/25/25	06/27/25	06/27/25	06/26/25
Q2436-06	TP-83	SOIL	PCB	8082A	06/25/25	06/27/25	06/27/25	06/26/25
Q2436-07	TP-87	SOIL	PCB	8082A	06/26/25	06/27/25	06/27/25	06/26/25
Q2436-08	TP-100	SOIL	PCB	8082A	06/26/25	06/27/25	06/27/25	06/26/25
Q2436-09	TP-99	SOIL	PCB	8082A	06/26/25	06/27/25	06/27/25	06/26/25
Q2436-10	TP-82	SOIL	PCB	8082A	06/26/25	06/27/25	06/27/25	06/26/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2436

Order ID: Q2436

Client: CDM Smith

Project ID: South River WM Replacement

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.: Q2436

Client: CDM Smith

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-PP073320.D	PIBLK-PP073320.D	Tetrachloro-m-xylene	1	20	18.5	93		60	140
		Decachlorobiphenyl	1	20	19.0	95		60	140
		Tetrachloro-m-xylene	2	20	18.3	91		60	140
		Decachlorobiphenyl	2	20	20.4	102		60	140
PB168636BL	PB168636BL	Tetrachloro-m-xylene	1	20	18.5	92		32	144
		Decachlorobiphenyl	1	20	18.2	91		32	175
		Tetrachloro-m-xylene	2	20	18.4	92		32	144
		Decachlorobiphenyl	2	20	19.6	98		32	175
PB168636BS	PB168636BS	Tetrachloro-m-xylene	1	20	19.2	96		32	144
		Decachlorobiphenyl	1	20	18.7	93		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	20.3	101		32	175
Q2430-01MS	MH-E/FMS	Tetrachloro-m-xylene	1	20	20.0	100		32	144
		Decachlorobiphenyl	1	20	18.0	90		32	175
		Tetrachloro-m-xylene	2	20	19.1	96		32	144
		Decachlorobiphenyl	2	20	20.1	100		32	175
Q2430-01MSD	MH-E/FMSD	Tetrachloro-m-xylene	1	20	19.6	98		32	144
		Decachlorobiphenyl	1	20	17.7	89		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
		Decachlorobiphenyl	2	20	19.0	95		32	175
I.BLK-PP073334.D	PIBLK-PP073334.D	Tetrachloro-m-xylene	1	20	17.0	85		60	140
		Decachlorobiphenyl	1	20	17.3	87		60	140
		Tetrachloro-m-xylene	2	20	17.4	87		60	140
		Decachlorobiphenyl	2	20	19.1	95		60	140
Q2436-01	TP-70	Tetrachloro-m-xylene	1	20	17.1	86		32	144
		Decachlorobiphenyl	1	20	13.8	69		32	175
		Tetrachloro-m-xylene	2	20	17.6	88		32	144
		Decachlorobiphenyl	2	20	15.9	79		32	175
Q2436-02	TP-69	Tetrachloro-m-xylene	1	20	15.9	80		32	144
		Decachlorobiphenyl	1	20	12.0	60		32	175
		Tetrachloro-m-xylene	2	20	16.8	84		32	144
		Decachlorobiphenyl	2	20	14.2	71		32	175
Q2436-03	TP-85	Tetrachloro-m-xylene	1	20	14.8	74		32	144
		Decachlorobiphenyl	1	20	11.6	58		32	175
		Tetrachloro-m-xylene	2	20	15.2	76		32	144
		Decachlorobiphenyl	2	20	13.7	68		32	175
Q2436-04	TP-86	Tetrachloro-m-xylene	1	20	18.2	91		32	144

Surrogate Summary

SDG No.: Q2436

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2436-04	TP-86	Decachlorobiphenyl	1	20	15.2	76		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
Q2436-05	TP-84	Decachlorobiphenyl	2	20	17.5	87		32	175
		Tetrachloro-m-xylene	1	20	17.5	87		32	144
		Decachlorobiphenyl	1	20	15.1	75		32	175
		Tetrachloro-m-xylene	2	20	19.3	97		32	144
		Decachlorobiphenyl	2	20	17.4	87		32	175
		Tetrachloro-m-xylene	1	20	16.6	83		32	144
Q2436-06	TP-83	Decachlorobiphenyl	1	20	14.5	72		32	175
		Tetrachloro-m-xylene	2	20	17.6	88		32	144
		Decachlorobiphenyl	2	20	16.7	83		32	175
		Tetrachloro-m-xylene	1	20	16.7	83		32	144
Q2436-07	TP-87	Decachlorobiphenyl	1	20	13.7	68		32	175
		Tetrachloro-m-xylene	2	20	17.8	89		32	144
		Decachlorobiphenyl	2	20	15.7	79		32	175
		Tetrachloro-m-xylene	1	20	17.4	87		32	144
Q2436-08	TP-100	Decachlorobiphenyl	1	20	13.6	68		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	15.1	76		32	175
		Tetrachloro-m-xylene	1	20	17.8	89		32	144
Q2436-09	TP-99	Decachlorobiphenyl	1	20	15.7	79		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	17.7	88		32	175
		Tetrachloro-m-xylene	1	20	17.2	86		32	144
Q2436-10	TP-82	Decachlorobiphenyl	1	20	16.1	81		32	175
		Tetrachloro-m-xylene	2	20	18.4	92		32	144
		Decachlorobiphenyl	2	20	18.1	90		32	175
		Tetrachloro-m-xylene	1	20	17.4	87		60	140
I.BLK-PP073350.D	PIBLK-PP073350.D	Decachlorobiphenyl	1	20	17.8	89		60	140
		Tetrachloro-m-xylene	2	20	18.6	93		60	140
		Decachlorobiphenyl	2	20	20.2	101		60	140
		Tetrachloro-m-xylene	1	20	17.4	87		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2436</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP073327.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2430-01MS (Column 1)	MH-E/FMS AR1016	188.5	0	174	ug/kg	92				55	146	
	AR1260	188.5	0	158	ug/kg	84				54	119	
Client Sample ID: Q2430-01MS (Column 2)	MH-E/FMS AR1016	188.5	0	173	ug/kg	92				55	146	
	AR1260	188.5	0	161	ug/kg	85				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2436</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP073328.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2430-01MSD (Column 1)	MH-E/FMSD AR1016	188.7	0	176	ug/kg	93		1		55	146	15
	AR1260	188.7	0	158	ug/kg	84		0		54	119	15
Client Sample ID: Q2430-01MSD (Column 2)	MH-E/FMSD AR1016	188.7	0	165	ug/kg	87		6		55	146	15
	AR1260	188.7	0	162	ug/kg	86		1		54	119	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2436</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PP073324.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB168636BS (Column 1)	AR1016	166.6	156	ug/kg	94				71	120	
	AR1260	166.6	141	ug/kg	85				65	130	
PB168636BS (Column 2)	AR1016	166.6	150	ug/kg	90				71	120	
	AR1260	166.6	146	ug/kg	88				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168636BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436

SAS No.: Q2436 SDG NO.: Q2436

Lab Sample ID: PB168636BL

Lab File ID: PP073323.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/27/2025

Date Analyzed (1): 06/27/2025

Date Analyzed (2): 06/27/2025

Time Analyzed (1): 14:20

Time Analyzed (2): 14:20

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
PB168636BS	PB168636BS	PP073324.D	06/27/2025	06/27/2025
MH-E/FMS	Q2430-01MS	PP073327.D	06/27/2025	06/27/2025
MH-E/FMSD	Q2430-01MSD	PP073328.D	06/27/2025	06/27/2025
TP-70	Q2436-01	PP073335.D	06/27/2025	06/27/2025
TP-69	Q2436-02	PP073336.D	06/27/2025	06/27/2025
TP-85	Q2436-03	PP073337.D	06/27/2025	06/27/2025
TP-86	Q2436-04	PP073338.D	06/27/2025	06/27/2025
TP-84	Q2436-05	PP073339.D	06/27/2025	06/27/2025
TP-83	Q2436-06	PP073340.D	06/27/2025	06/27/2025
TP-87	Q2436-07	PP073341.D	06/27/2025	06/27/2025
TP-100	Q2436-08	PP073342.D	06/27/2025	06/27/2025
TP-99	Q2436-09	PP073343.D	06/27/2025	06/27/2025
TP-82	Q2436-10	PP073344.D	06/27/2025	06/27/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	06/25/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-70	SDG No.:	Q2436
Lab Sample ID:	Q2436-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.1
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
PP073335.D	1	06/27/25 09:00	06/27/25 18:41	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.6		32 - 144	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		32 - 175	79%	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\PP062725\
 Data File : PP073335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 18:41
 Operator : YP\AJ
 Sample : Q2436-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-70

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:22:31 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...	4.488	3.783	36115037	31747952	17.110	17.620
2) SA Decachlor...	10.175	8.786	23564785	21202158	13.790	15.885m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 18:41
Operator : YP\AJ
Sample : Q2436-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

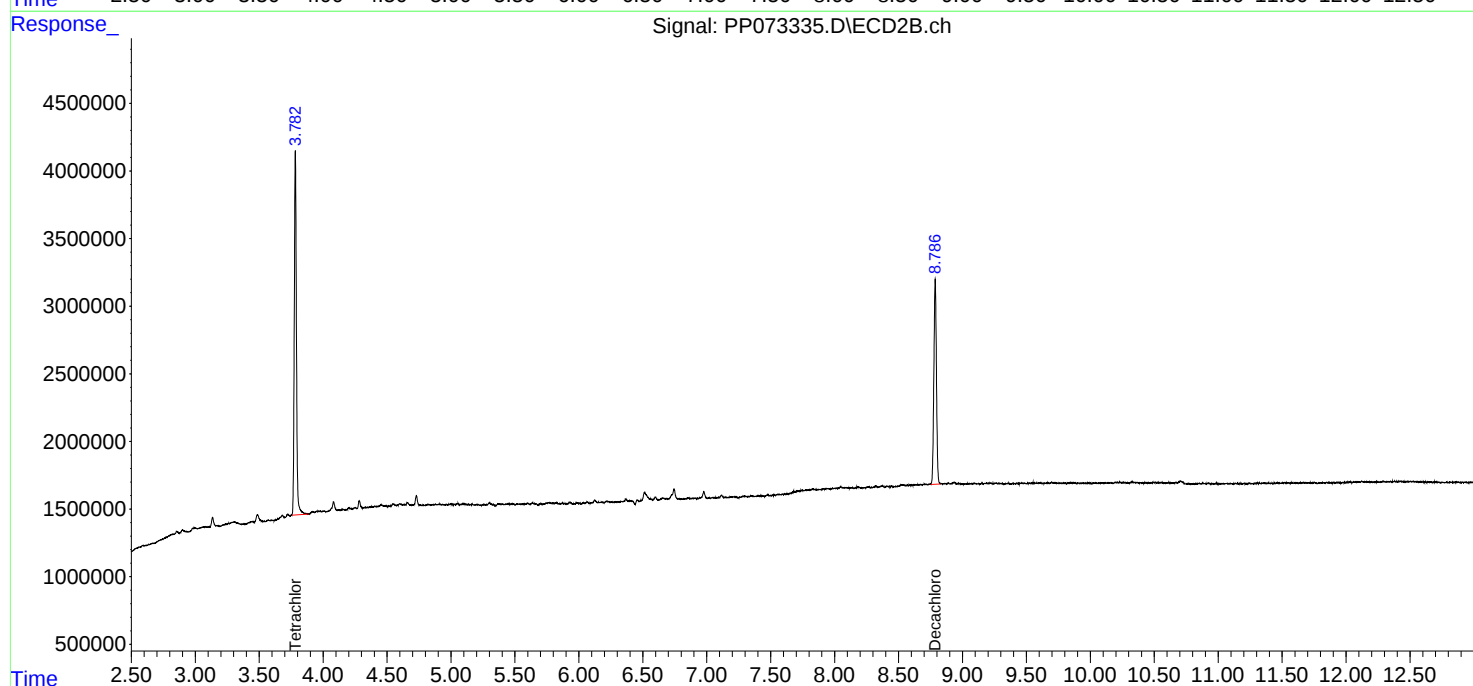
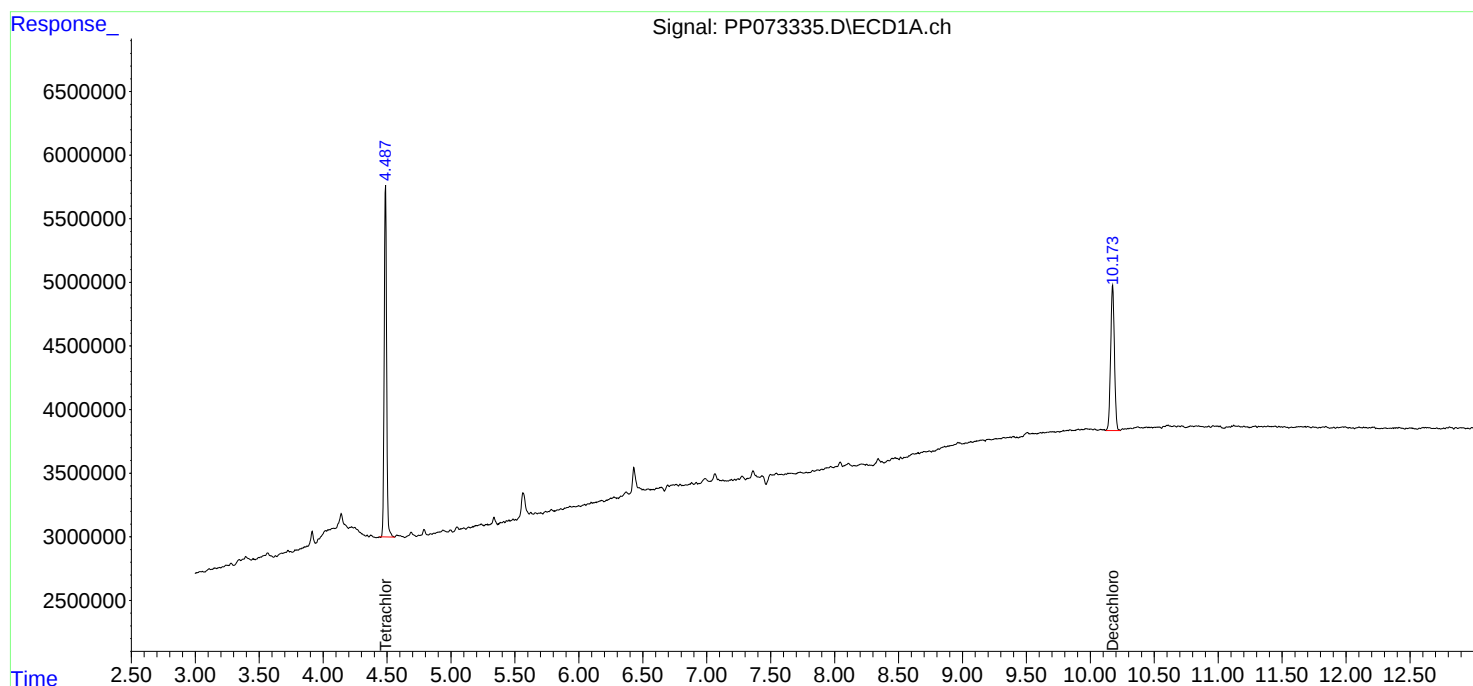
Instrument :
ECD_P
ClientSampleId :
TP-70

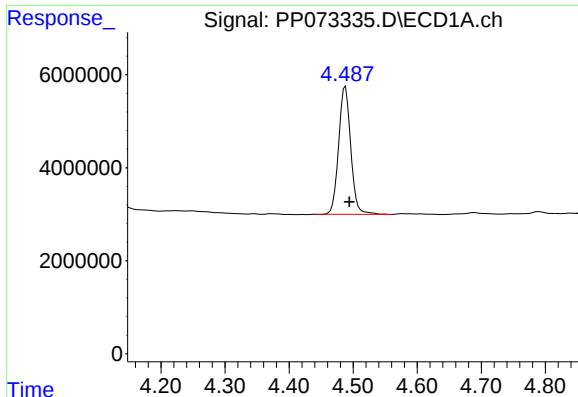
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:22:31 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





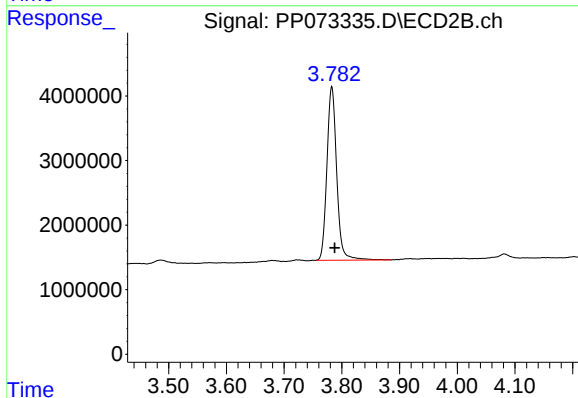
#1 Tetrachloro-m-xylene

R.T.: 4.488 min
Delta R.T.: -0.006 min
Response: 36115037
Conc: 17.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-70

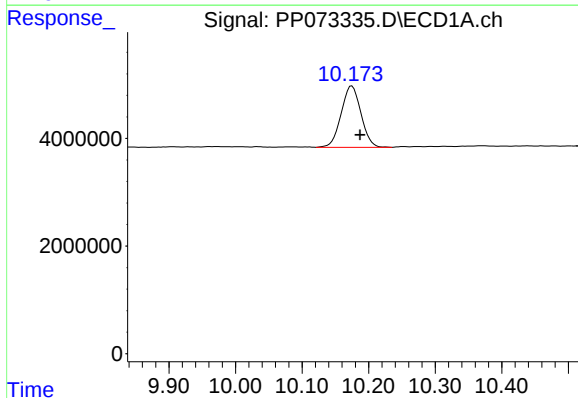
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



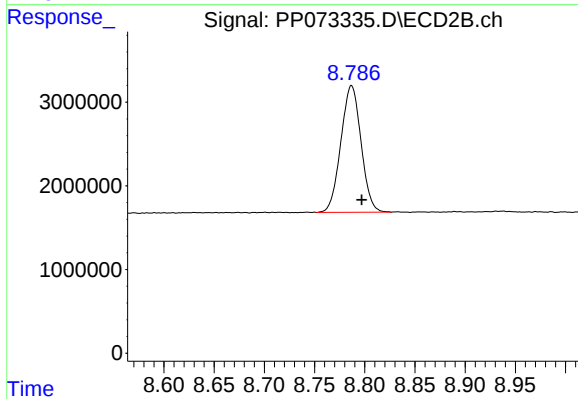
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 31747952
Conc: 17.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: -0.012 min
Response: 23564785
Conc: 13.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.011 min
Response: 21202158
Conc: 15.89 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/25/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-69	SDG No.:	Q2436
Lab Sample ID:	Q2436-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82
Sample Wt/Vol:	30.06	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
PP073336.D	1	06/27/25 09:00	06/27/25 18:57	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.8		32 - 144	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		32 - 175	71%	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\PP062725\
 Data File : PP073336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 18:57
 Operator : YP\AJ
 Sample : Q2436-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-69

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:22:57 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...	4.488	3.783	33572685	30174904	15.905	16.747
2) SA Decachlor...	10.175	8.787	20496839	18995155	11.994m	14.232m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 18:57
Operator : YP\AJ
Sample : Q2436-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

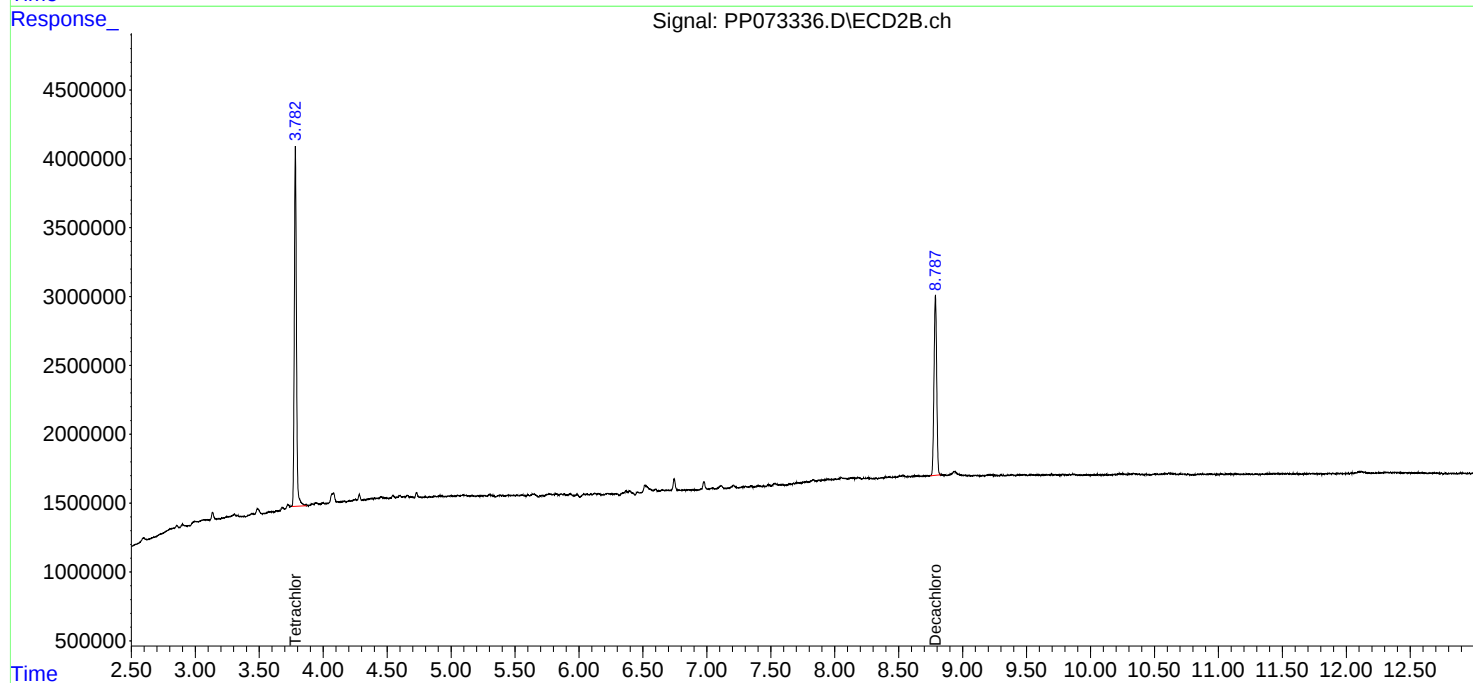
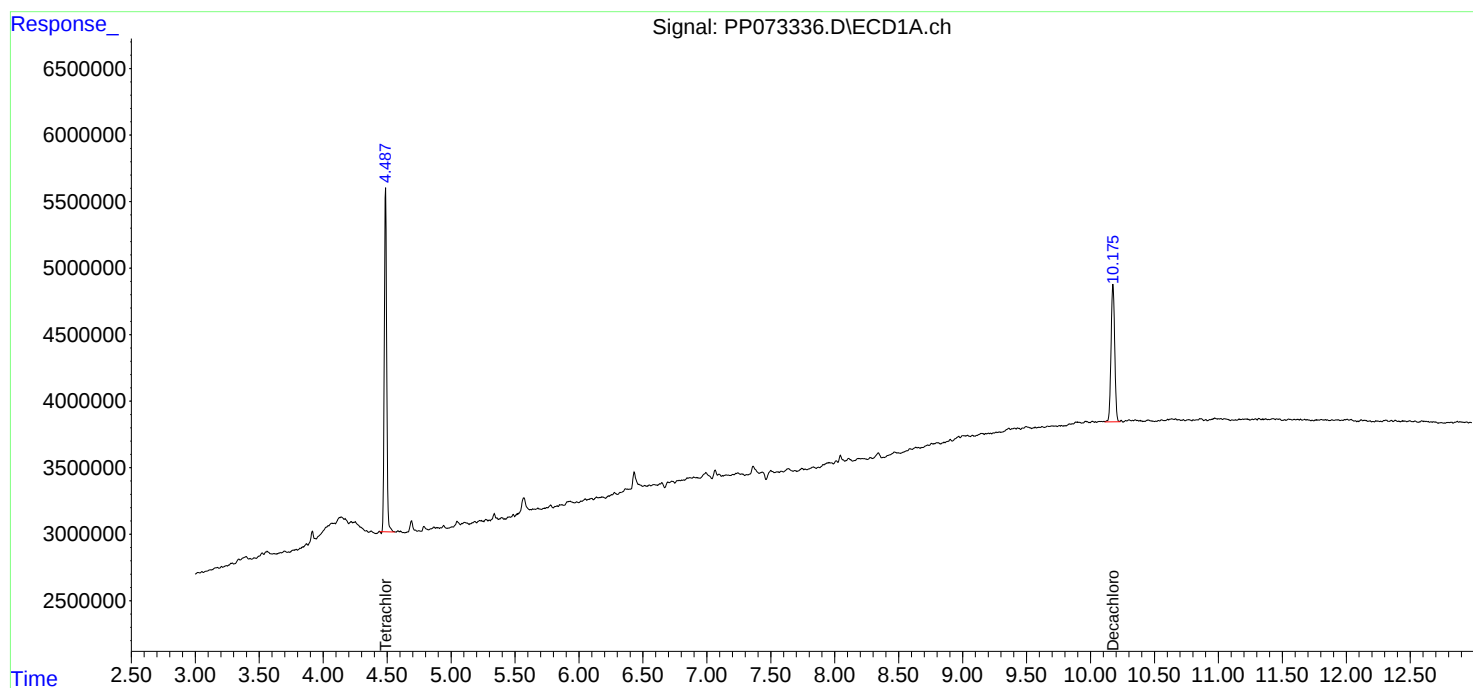
Instrument :
ECD_P
ClientSampleId :
TP-69

Manual Integrations
APPROVED

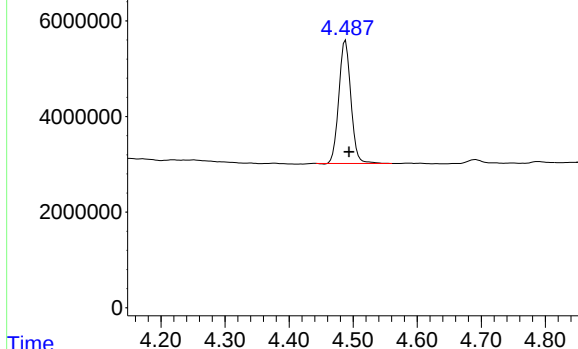
Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:22:57 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



Response_ Signal: PP073336.D\ECD1A.ch



#1 Tetrachloro-m-xylene

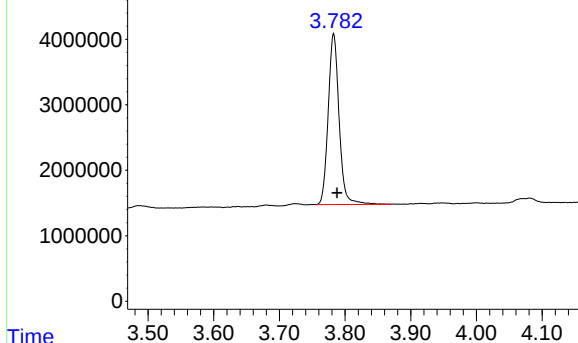
R.T.: 4.488 min
Delta R.T.: -0.006 min
Response: 33572685
Conc: 15.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-69

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

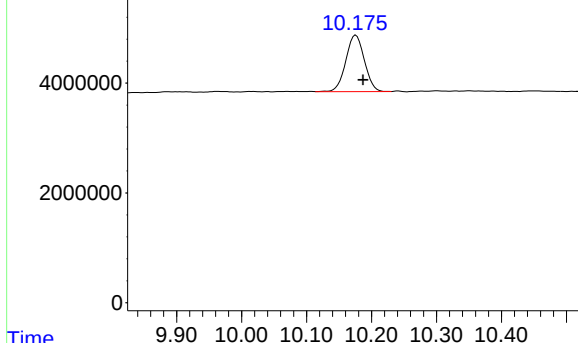
Time Response_ Signal: PP073336.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 30174904
Conc: 16.75 ng/ml

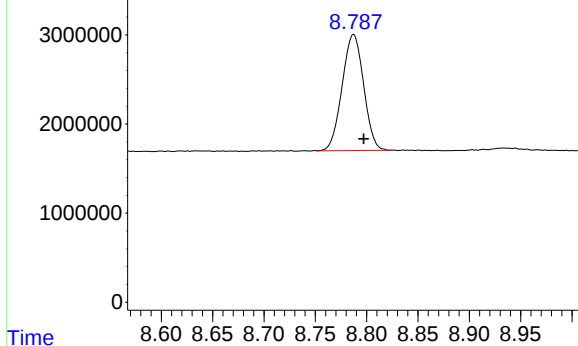
Response_ Signal: PP073336.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: -0.013 min
Response: 20496839
Conc: 11.99 ng/ml m

Time Response_ Signal: PP073336.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.010 min
Response: 18995155
Conc: 14.23 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/25/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-85	SDG No.:	Q2436
Lab Sample ID:	Q2436-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.1
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
PP073337.D	1	06/27/25 09:00	06/27/25 19:13	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	20.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	20.0	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.0	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.0	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	20.0	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.0	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.0	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.0	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.2		32 - 144	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.7		32 - 175	68%	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\PP062725\
 Data File : PP073337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 19:13
 Operator : YP\AJ
 Sample : Q2436-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-85

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:23:25 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...	4.488	3.782	31140760	27453816	14.753	15.237
2) SA Decachlor...	10.175	8.786	19743715	18224775	11.554	13.654m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 19:13
Operator : YP\AJ
Sample : Q2436-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

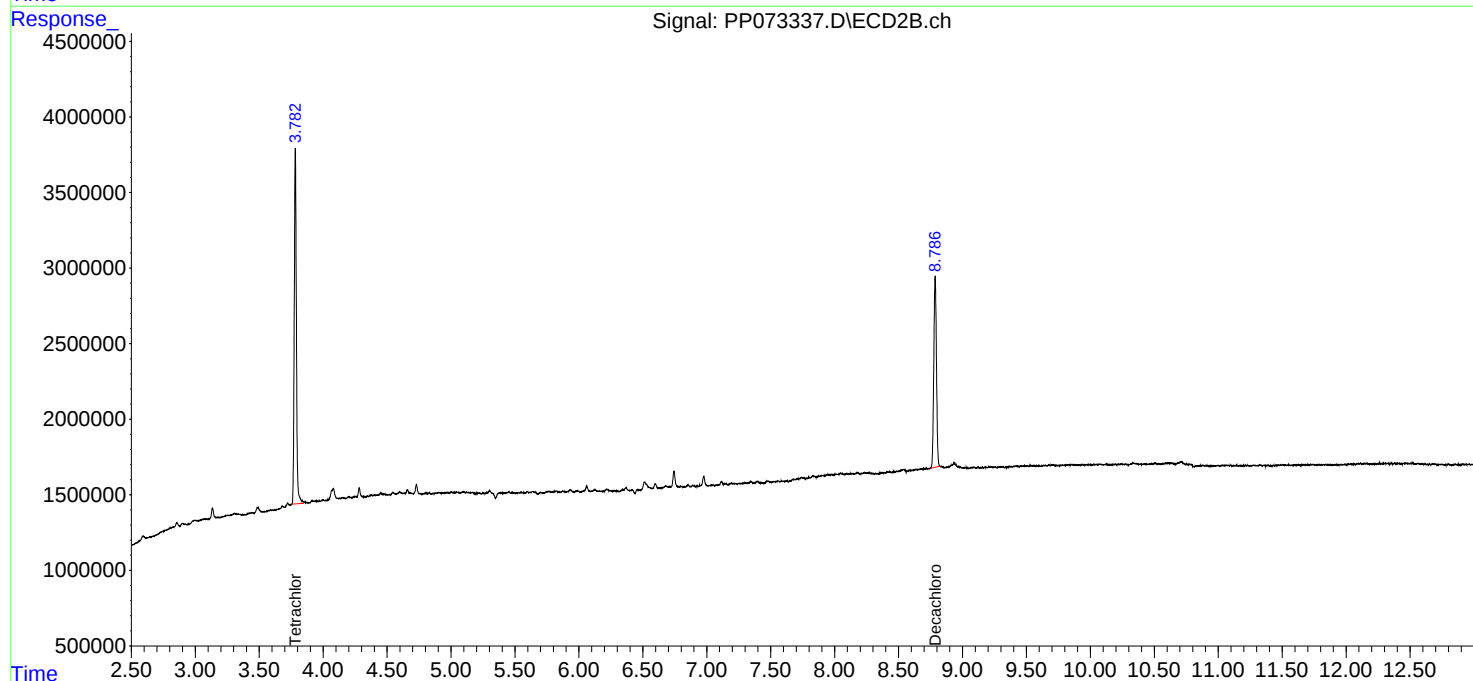
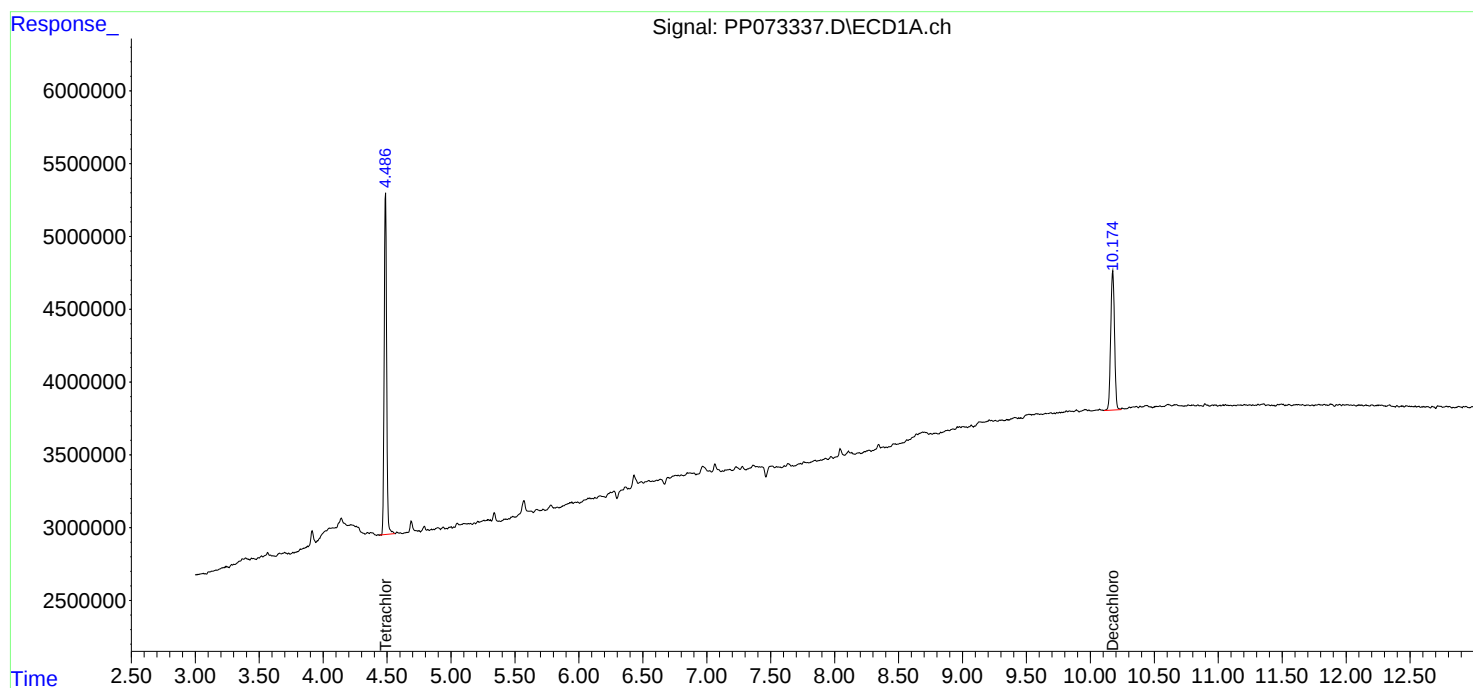
Instrument :
ECD_P
ClientSampleId :
TP-85

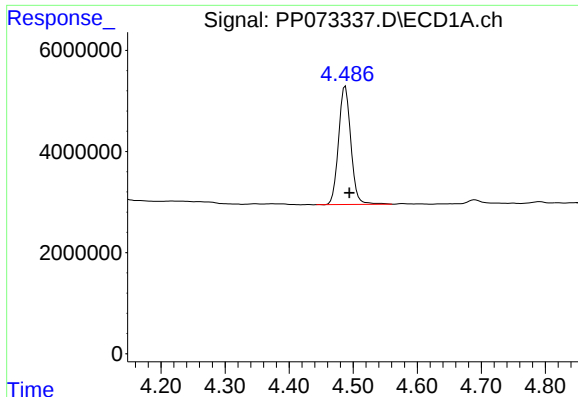
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:23:25 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





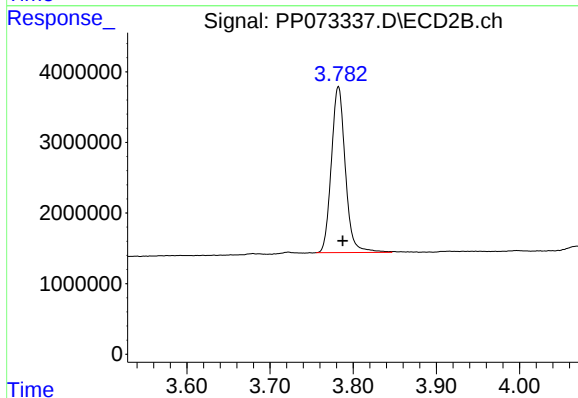
#1 Tetrachloro-m-xylene

R.T.: 4.488 min
Delta R.T.: -0.006 min
Response: 31140760
Conc: 14.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-85

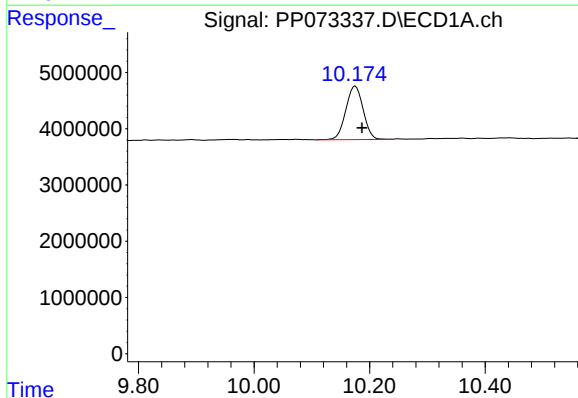
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



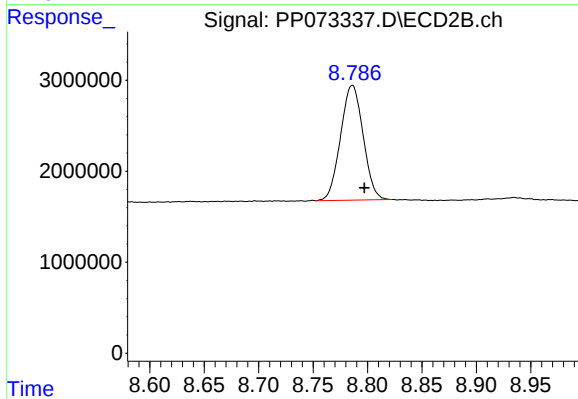
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.005 min
Response: 27453816
Conc: 15.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: -0.012 min
Response: 19743715
Conc: 11.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.011 min
Response: 18224775
Conc: 13.65 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/25/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-86	SDG No.:	Q2436
Lab Sample ID:	Q2436-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.7
Sample Wt/Vol:	30.07	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
PP073338.D	1	06/27/25 09:00	06/27/25 19:29	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	19.1	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	19.1	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.1	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.1	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.1	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.1	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	19.1	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.1	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	19.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		32 - 144	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		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\PP062725\
 Data File : PP073338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 19:29
 Operator : YP\AJ
 Sample : Q2436-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-86

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:23:52 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...	4.487	3.783	38509417	33981032	18.244	18.860
2) SA Decachlor...	10.174	8.786	26033719	23313304	15.234	17.467m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 19:29
Operator : YP\AJ
Sample : Q2436-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

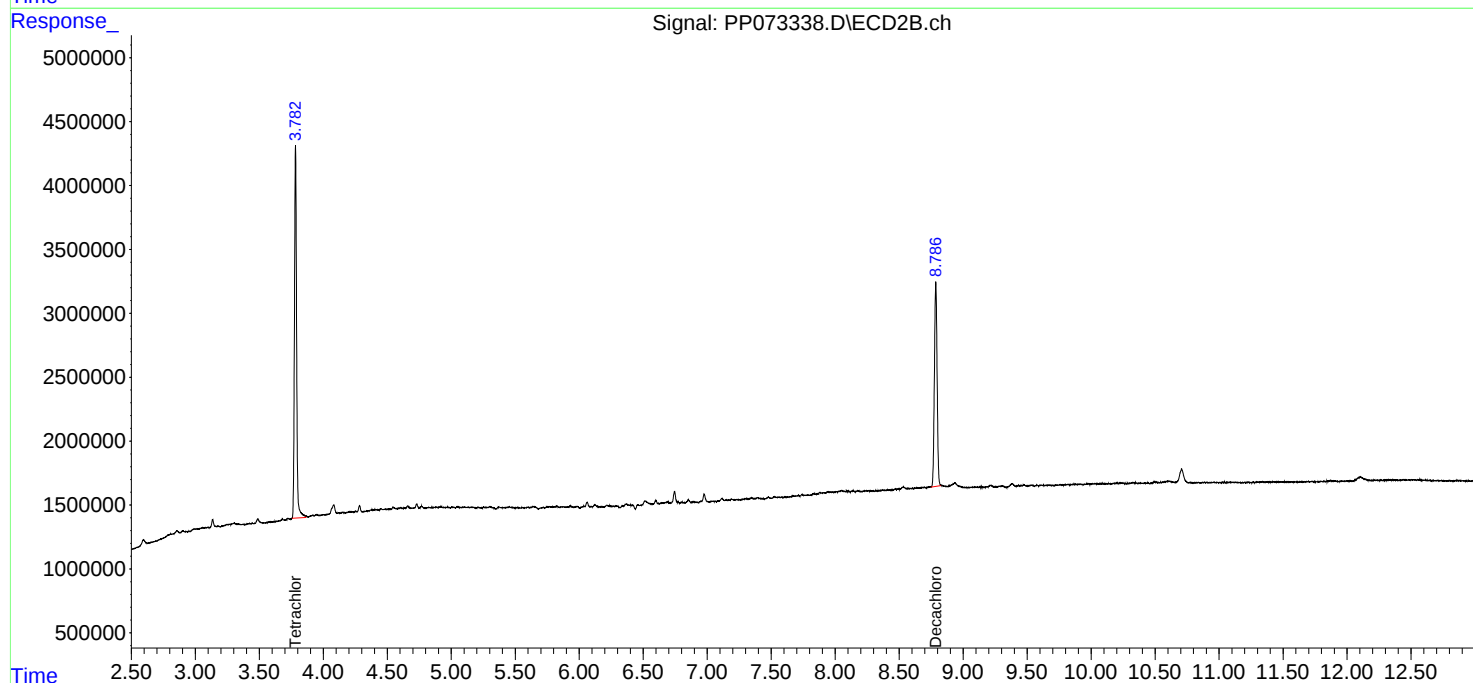
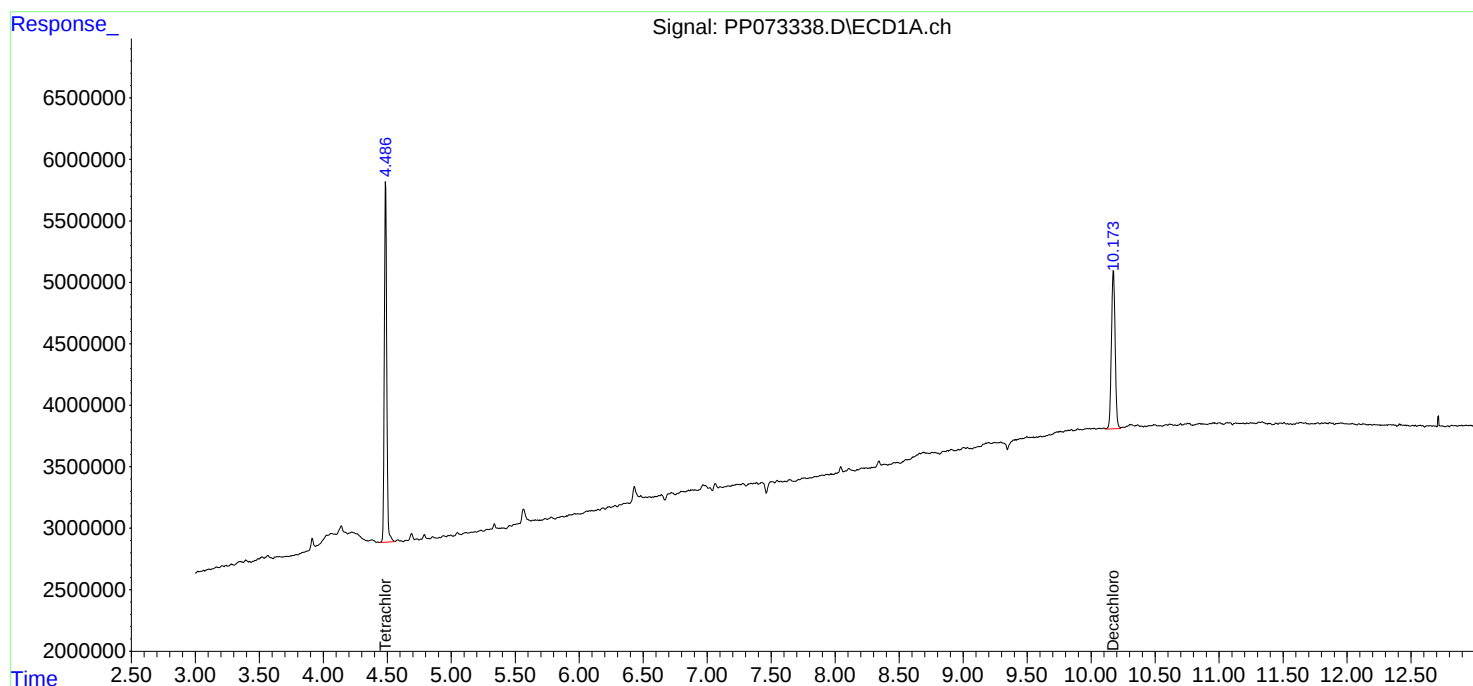
Instrument :
ECD_P
ClientSampleId :
TP-86

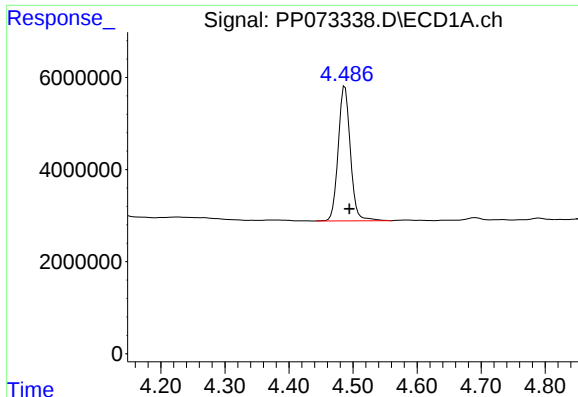
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:23:52 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





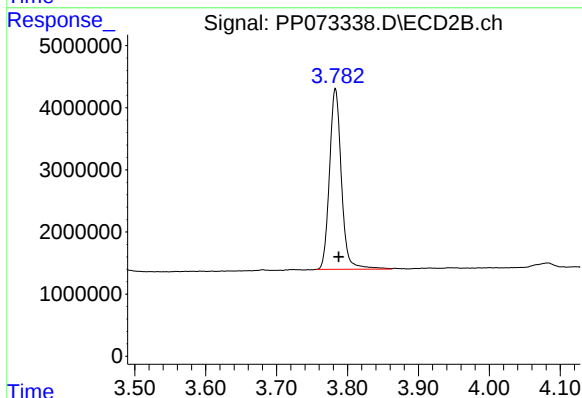
#1 Tetrachloro-m-xylene

R.T.: 4.487 min
Delta R.T.: -0.007 min
Response: 38509417
Conc: 18.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-86

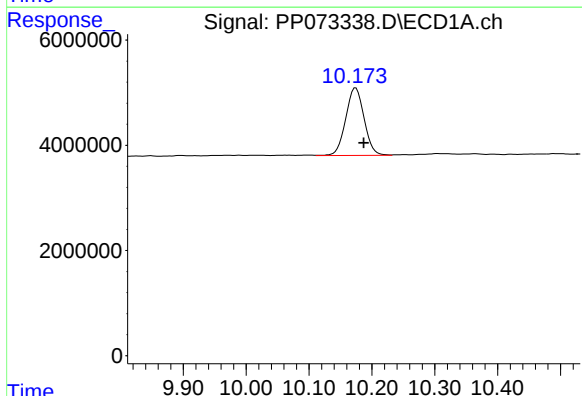
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



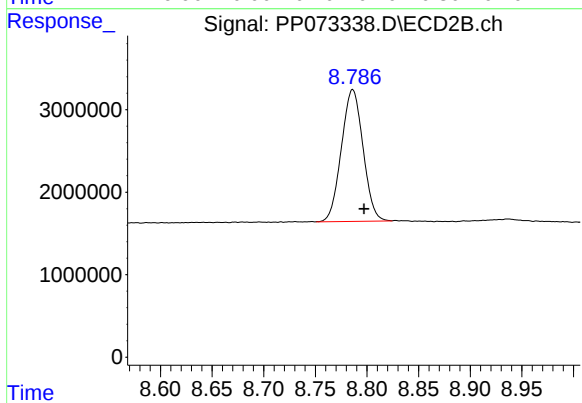
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 33981032
Conc: 18.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.013 min
Response: 26033719
Conc: 15.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.011 min
Response: 23313304
Conc: 17.47 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/25/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-84	SDG No.:	Q2436
Lab Sample ID:	Q2436-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.3
Sample Wt/Vol:	30.04	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
PP073339.D	1	06/27/25 09:00	06/27/25 19:46	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	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	3.50	U	3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	97%	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\PP062725\
 Data File : PP073339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 19:46
 Operator : YP\AJ
 Sample : Q2436-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-84

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:24:16 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	3.783	36863477	34772658	17.464	19.299
2) SA Decachlor...	10.177	8.786	25724791	23246979	15.053	17.417m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 19:46
Operator : YP\AJ
Sample : Q2436-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

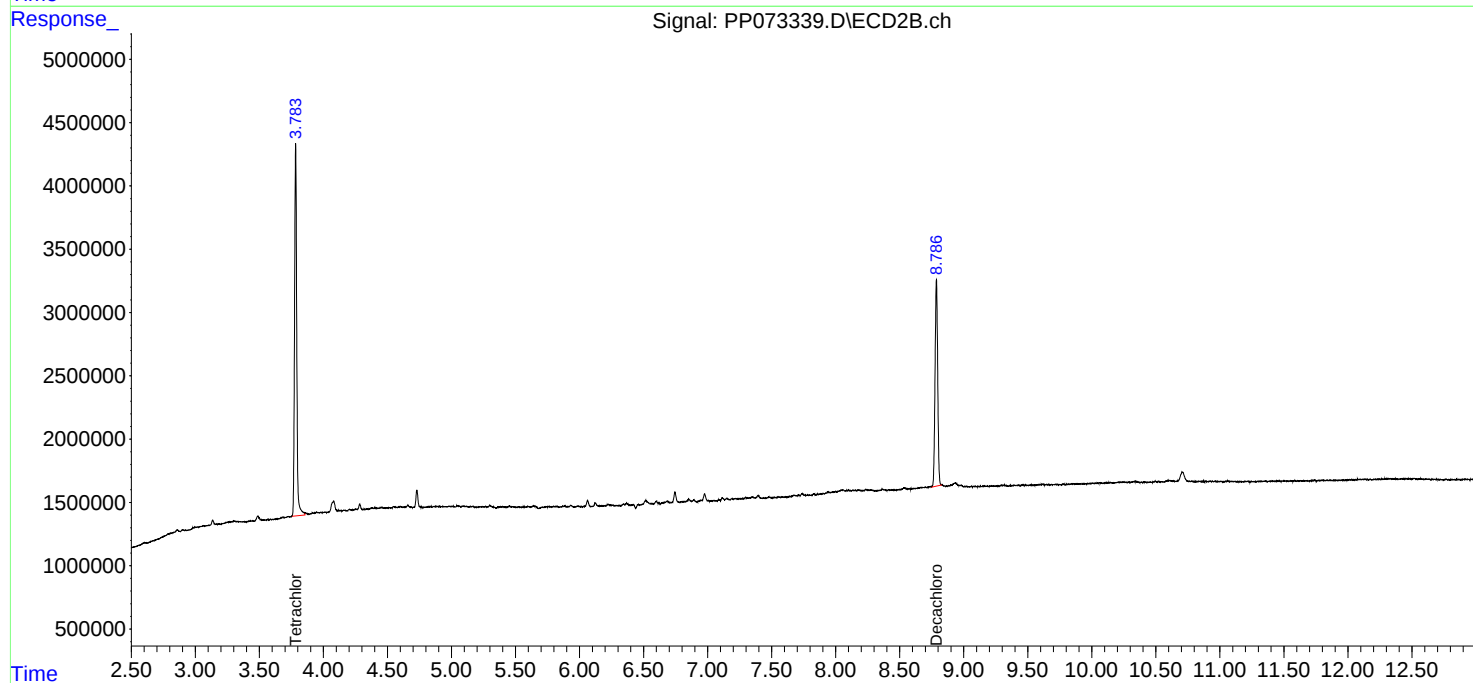
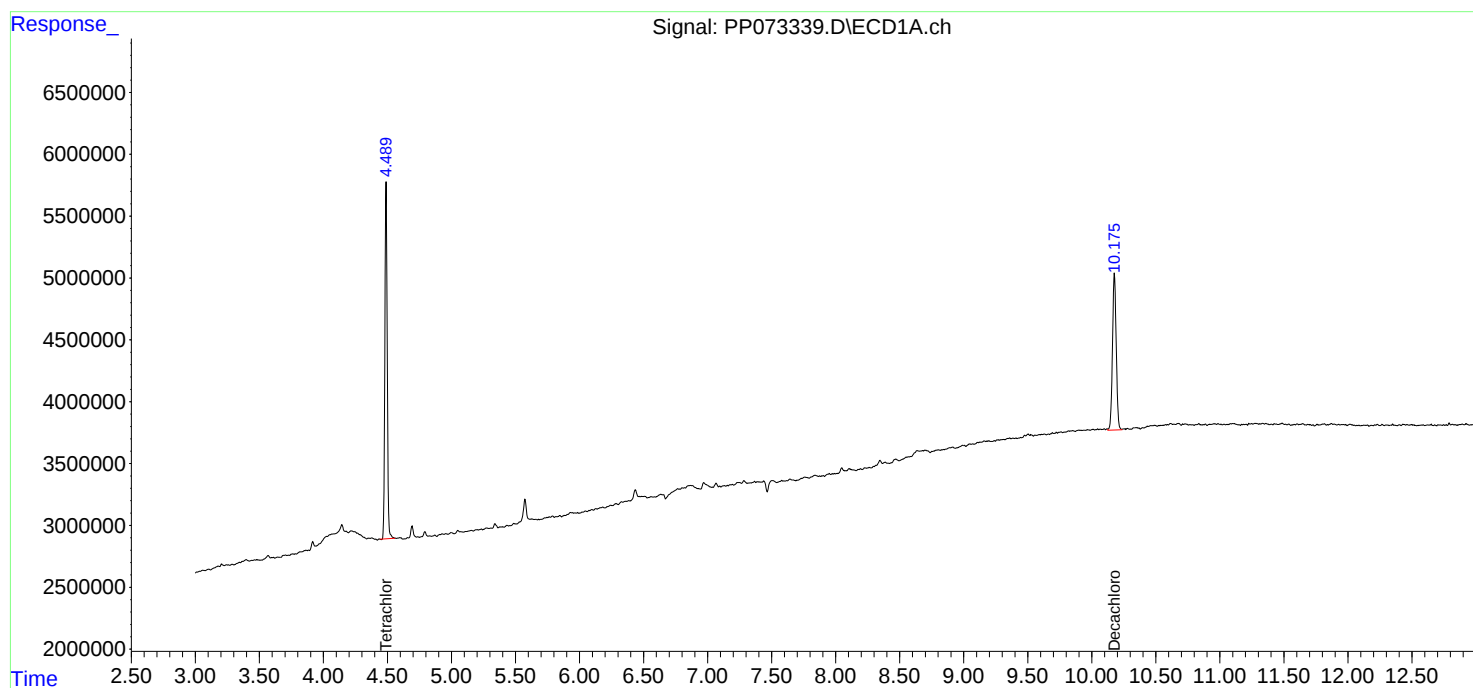
Instrument :
ECD_P
ClientSampleId :
TP-84

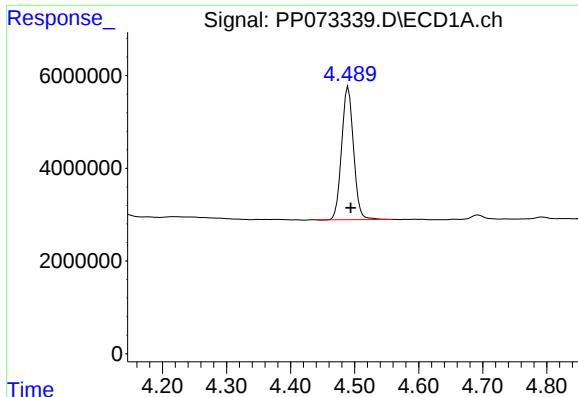
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:24:16 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





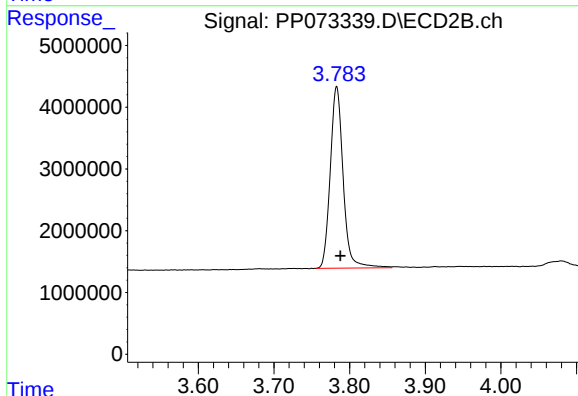
#1 Tetrachloro-m-xylene

R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 36863477
Conc: 17.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-84

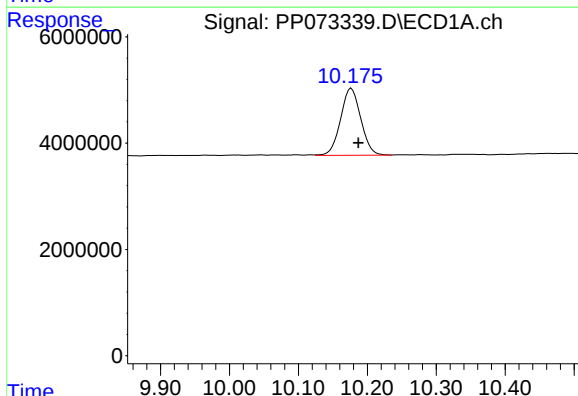
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



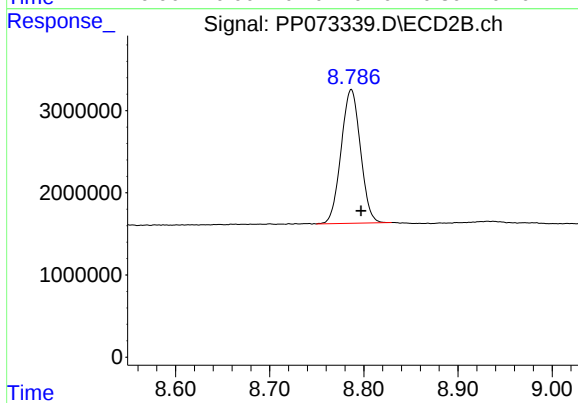
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 34772658
Conc: 19.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: -0.010 min
Response: 25724791
Conc: 15.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.011 min
Response: 23246979
Conc: 17.42 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/25/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-83	SDG No.:	Q2436
Lab Sample ID:	Q2436-06	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.6
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
PP073340.D	1	06/27/25 09:00	06/27/25 20:02	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.7	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.7	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.7	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.7	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.7	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.7	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.6		32 - 144	88%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		32 - 175	83%	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\PP062725\
 Data File : PP073340.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 20:02
 Operator : YP\AJ
 Sample : Q2436-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-83

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:24:37 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...	4.488	3.783	34957844	31617965	16.561	17.548
2) SA Decachlor...	10.174	8.787	24767389	22232063	14.493m	16.657m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 20:02
Operator : YP\AJ
Sample : Q2436-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

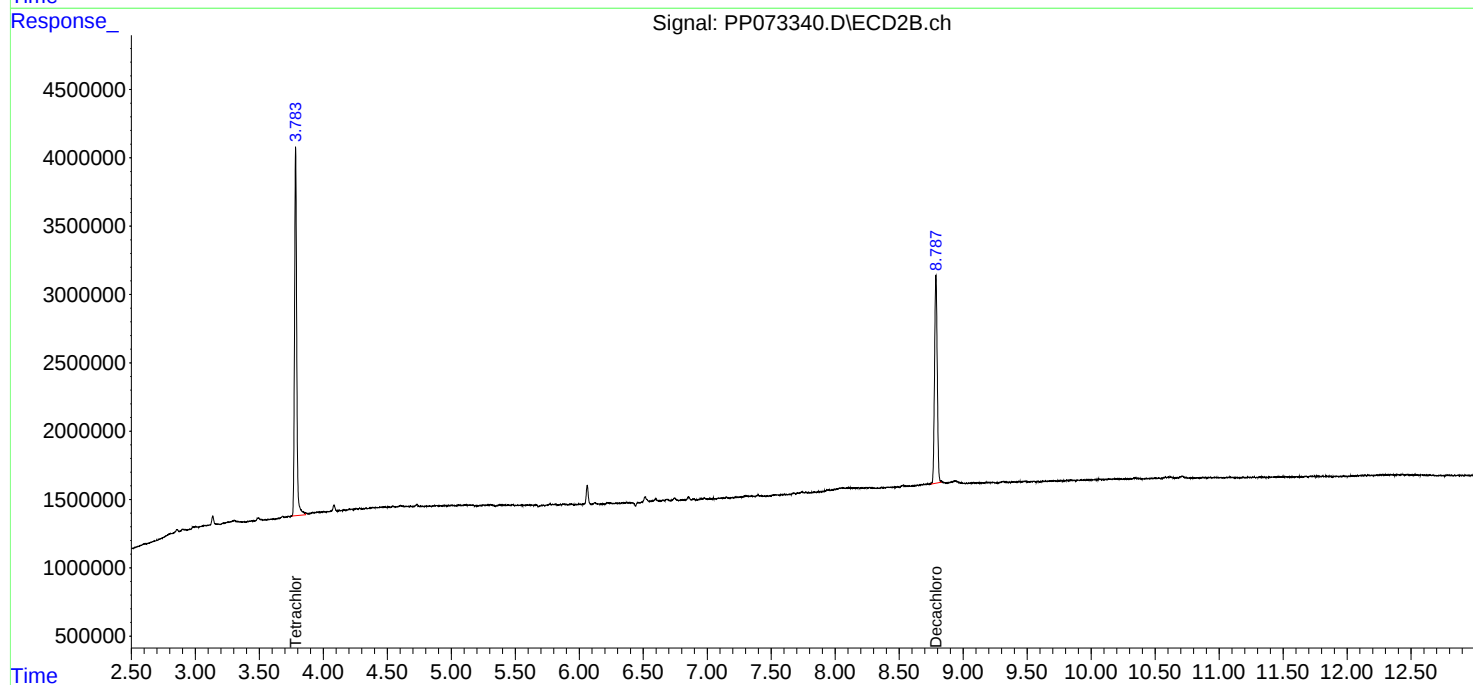
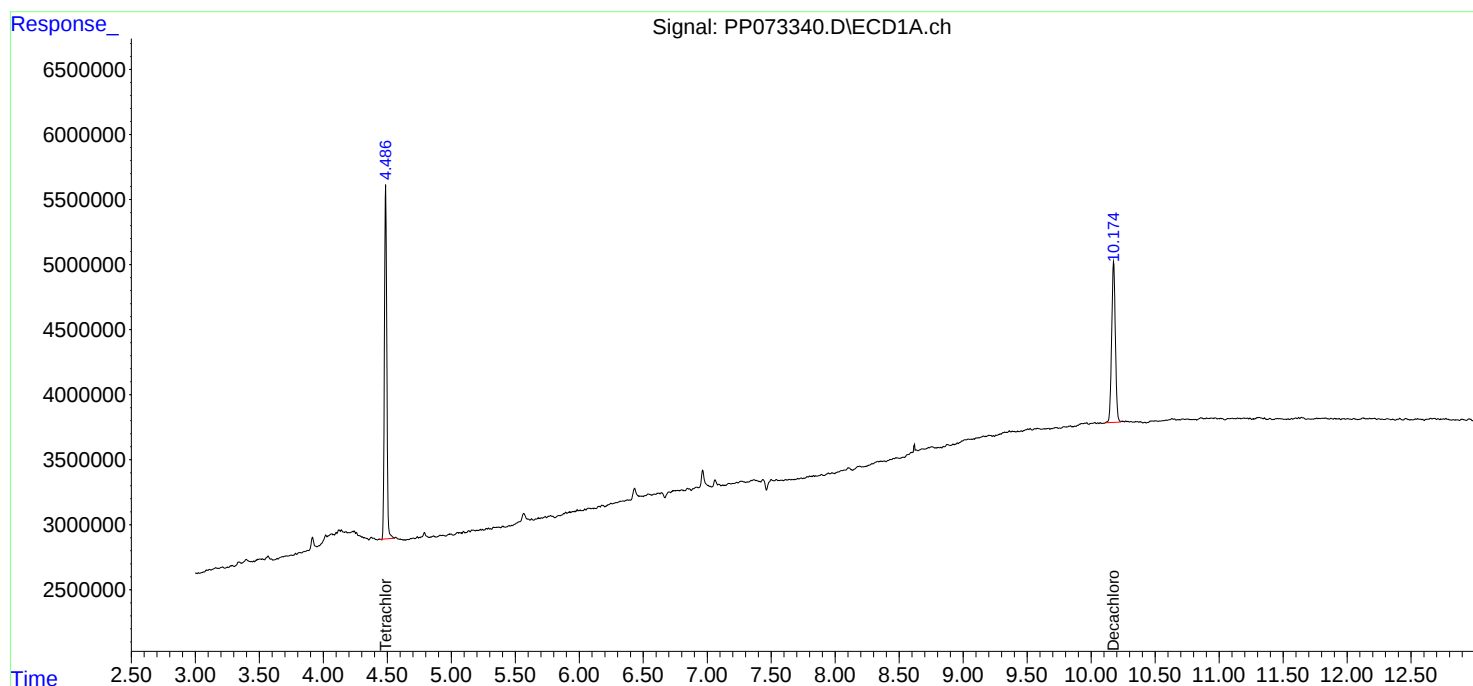
Instrument :
ECD_P
ClientSampleId :
TP-83

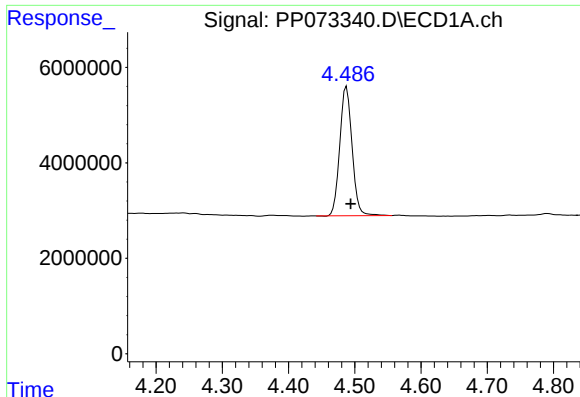
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:24:37 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





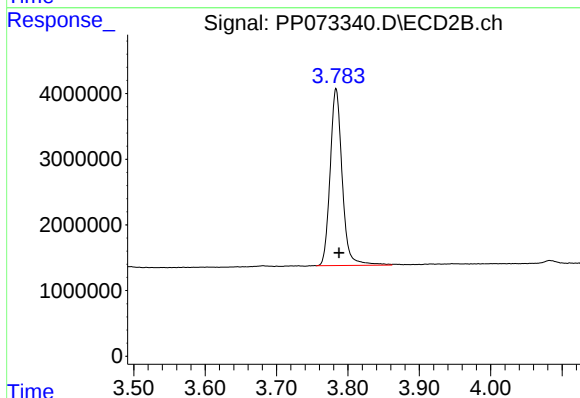
#1 Tetrachloro-m-xylene

R.T.: 4.488 min
Delta R.T.: -0.006 min
Response: 34957844
Conc: 16.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-83

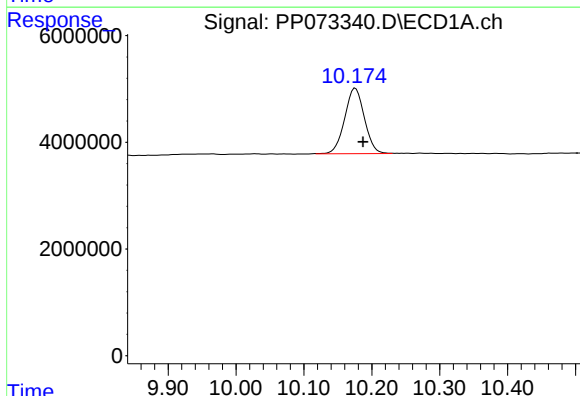
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



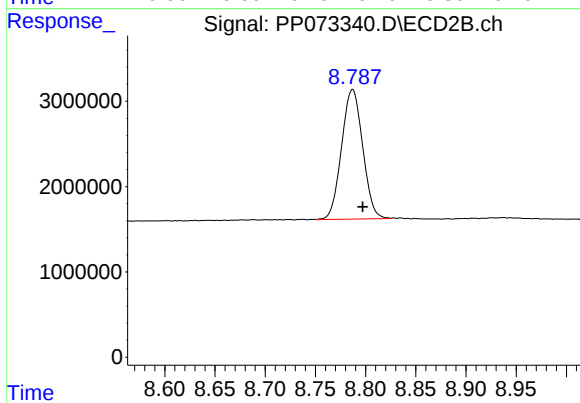
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.004 min
Response: 31617965
Conc: 17.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.013 min
Response: 24767389
Conc: 14.49 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.010 min
Response: 22232063
Conc: 16.66 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-87	SDG No.:	Q2436
Lab Sample ID:	Q2436-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.9
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
PP073341.D	1	06/27/25 09:00	06/27/25 20:18	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.40	U	4.40	18.9	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.9	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.9	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	18.9	ug/kg
12672-29-6	Aroclor-1248	6.60	U	6.60	18.9	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	18.9	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	18.9	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.9	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.8		32 - 144	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.7		32 - 175	79%	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\PP062725\
 Data File : PP073341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 20:18
 Operator : YP\AJ
 Sample : Q2436-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-87

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:25:00 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	3.782	35157903	31987714	16.656	17.753
2) SA Decachlor...	10.174	8.785	23392973	20997348	13.689m	15.732m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 20:18
Operator : YP\AJ
Sample : Q2436-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

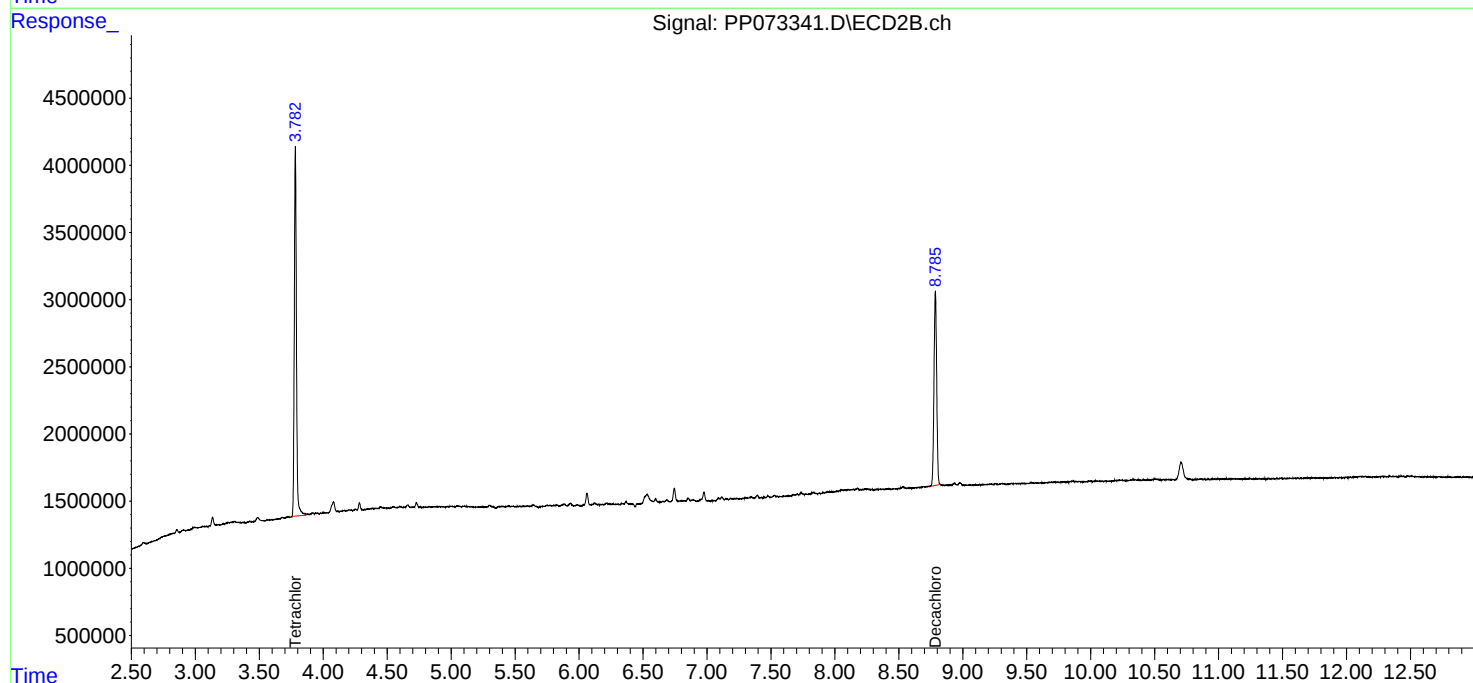
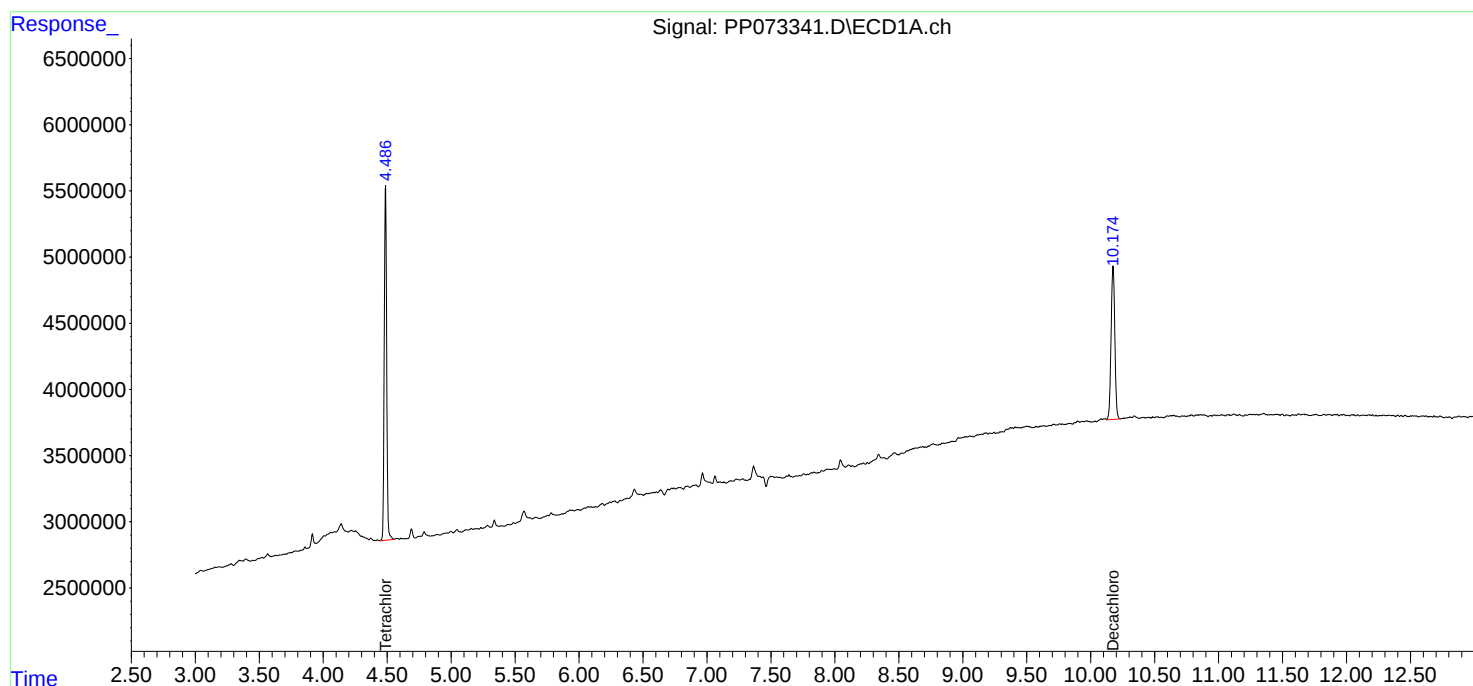
Instrument :
ECD_P
ClientSampleId :
TP-87

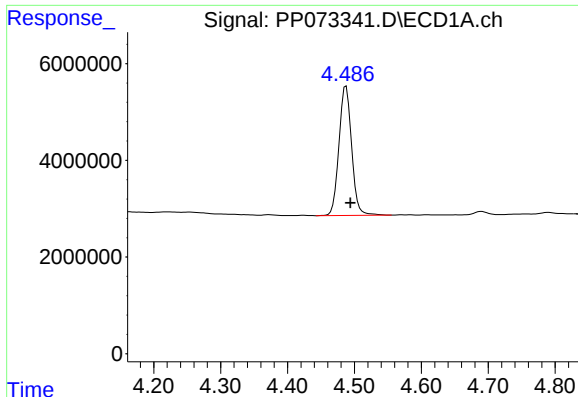
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:25:00 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





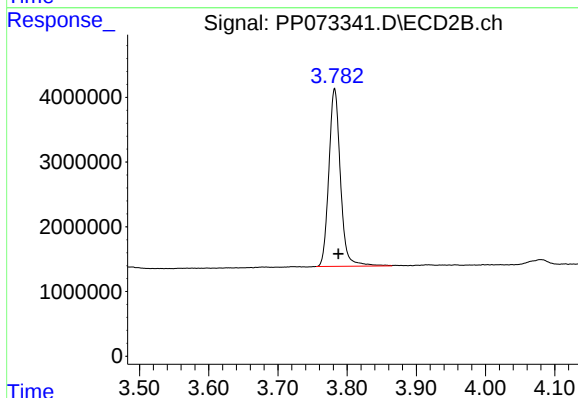
#1 Tetrachloro-m-xylene

R.T.: 4.487 min
Delta R.T.: -0.007 min
Response: 35157903
Conc: 16.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-87

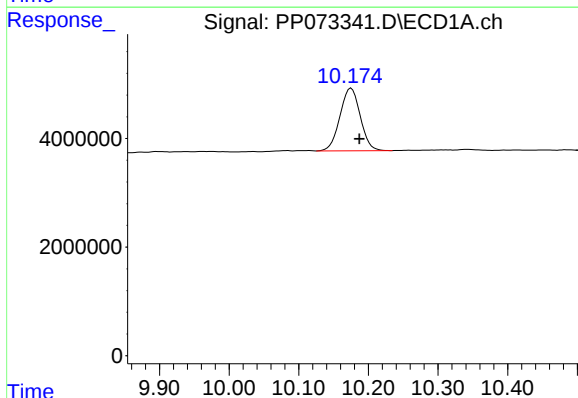
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



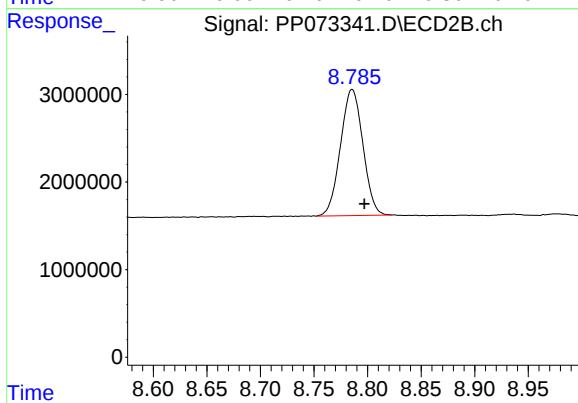
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.006 min
Response: 31987714
Conc: 17.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.013 min
Response: 23392973
Conc: 13.69 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.012 min
Response: 20997348
Conc: 15.73 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-100	SDG No.:	Q2436
Lab Sample ID:	Q2436-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.6
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
PP073342.D	1	06/27/25 09:00	06/27/25 20:35	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.8	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.8	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.8	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.8	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.8	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.8	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	19.8	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.8	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.1		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\PP062725\
 Data File : PP073342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 20:35
 Operator : YP\AJ
 Sample : Q2436-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-100

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:25:20 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	3.783	36623680	33521154	17.351	18.604
2) SA Decachlor...	10.174	8.786	23164750	20165237	13.555	15.108m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 20:35
Operator : YP\AJ
Sample : Q2436-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

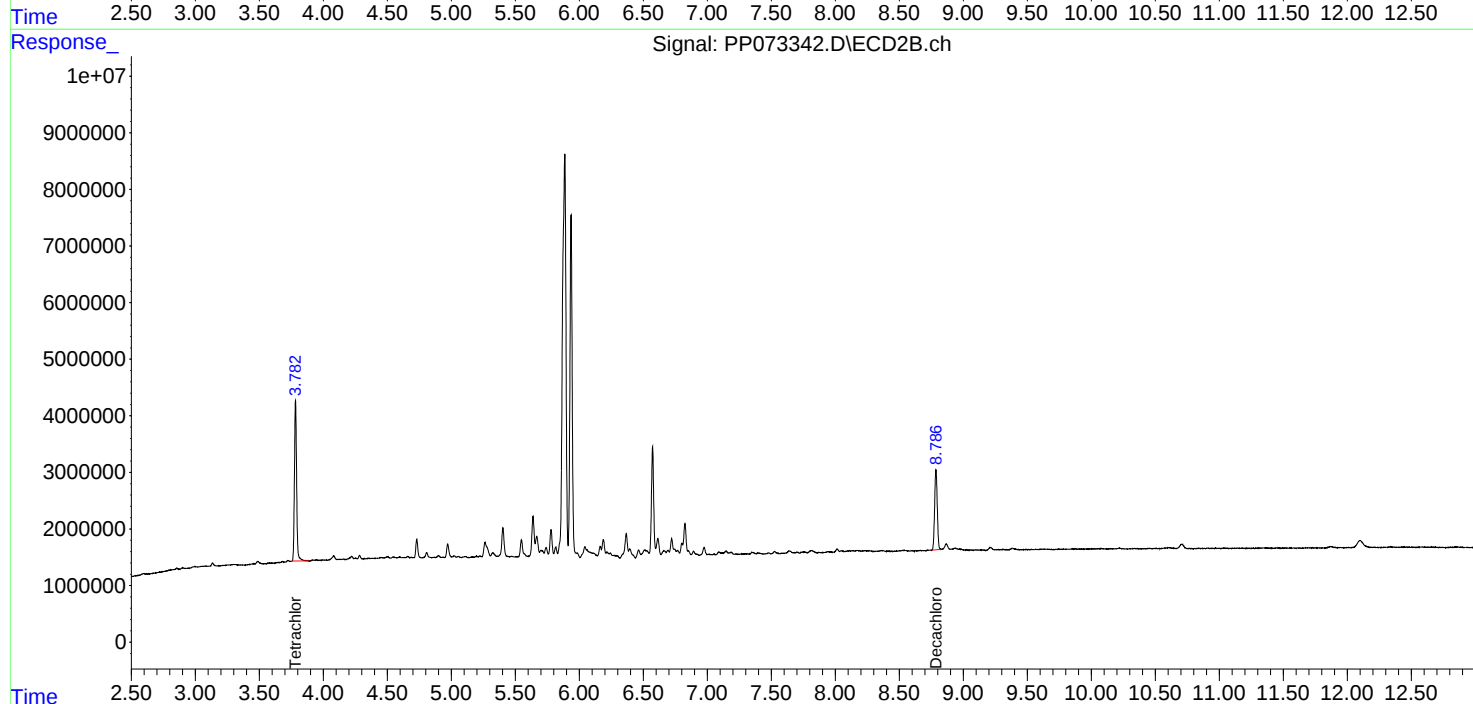
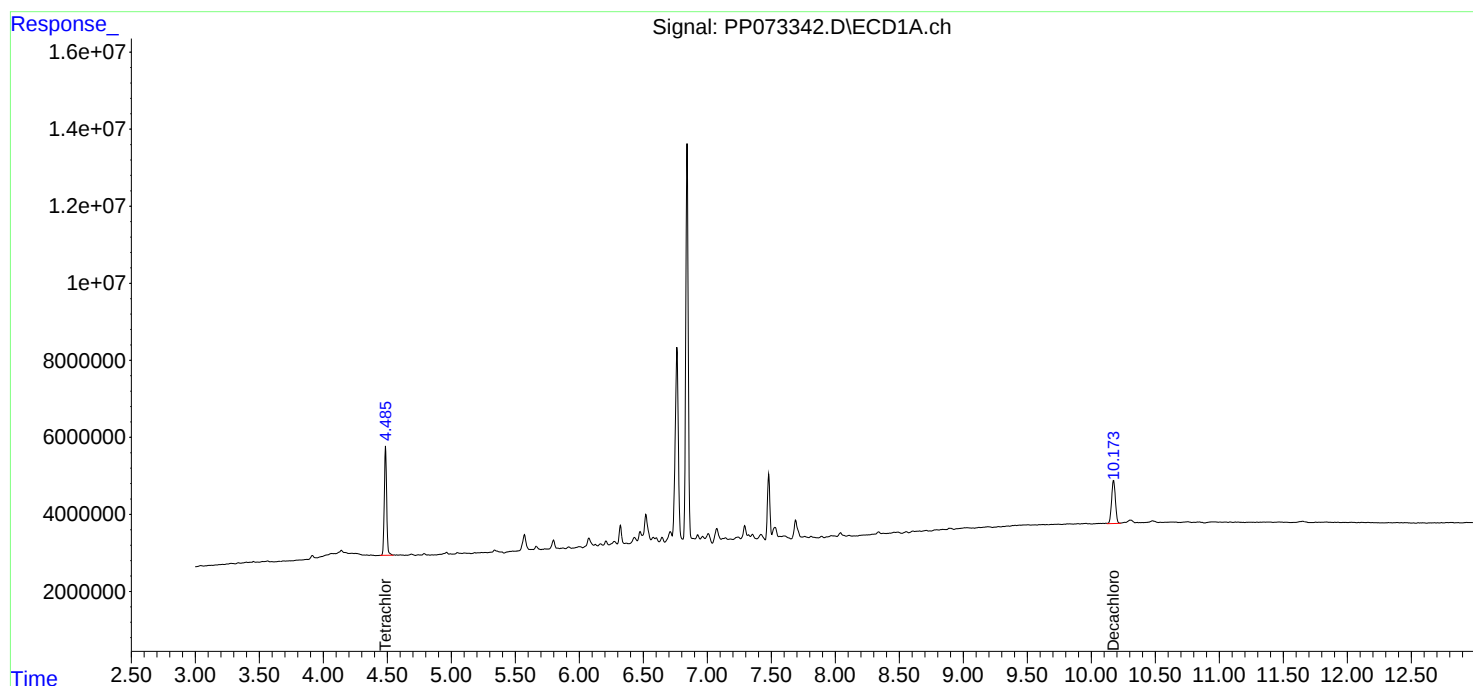
Instrument :
ECD_P
ClientSampleId :
TP-100

Manual Integrations
APPROVED

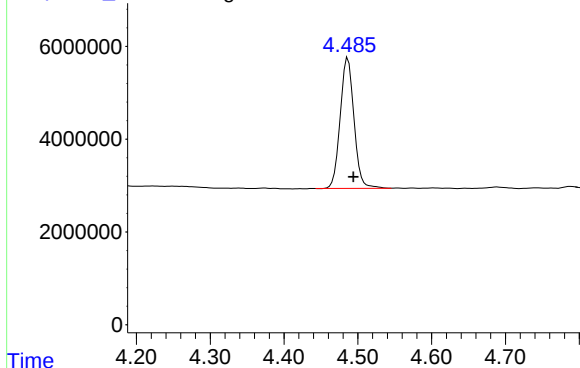
Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:25:20 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



Response_ Signal: PP073342.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 4.487 min
Delta R.T.: -0.007 min
Response: 36623680
Conc: 17.35 ng/ml

Instrument :

ECD_P

ClientSampleId :

TP-100

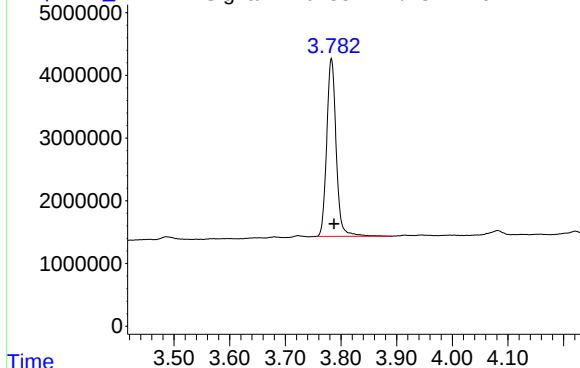
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2025

Supervised By :mohammad ahmed 06/30/2025

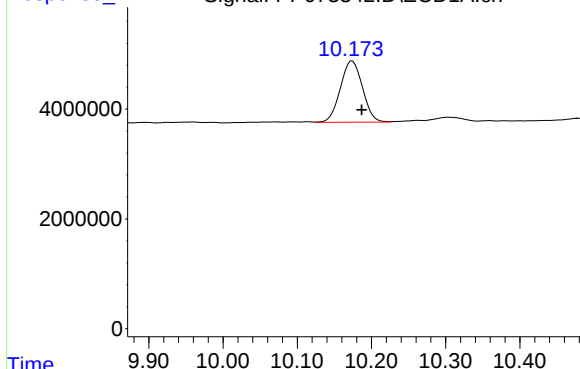
Response_ Signal: PP073342.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 33521154
Conc: 18.60 ng/ml

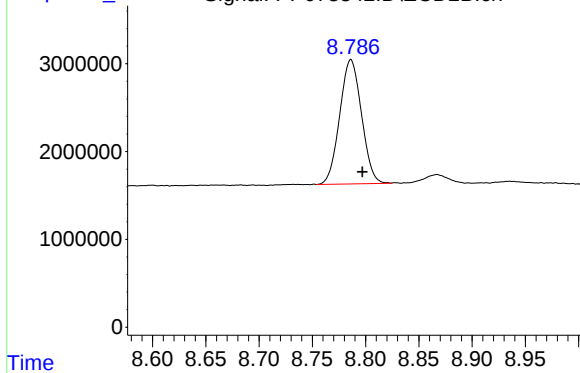
Response_ Signal: PP073342.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.013 min
Response: 23164750
Conc: 13.56 ng/ml

Response_ Signal: PP073342.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.011 min
Response: 20165237
Conc: 15.11 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-99	SDG No.:	Q2436
Lab Sample ID:	Q2436-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.2
Sample Wt/Vol:	30.09	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
PP073343.D	1	06/27/25 09:00	06/27/25 20:51	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	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	3.50	U	3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		32 - 175	88%	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\PP062725\
 Data File : PP073343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 20:51
 Operator : YP\AJ
 Sample : Q2436-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-99

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:25:40 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	37628368	33556533	17.827	18.624
2) SA Decachlor...	10.178	8.785	26867978	23579157	15.722	17.666m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 20:51
Operator : YP\AJ
Sample : Q2436-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

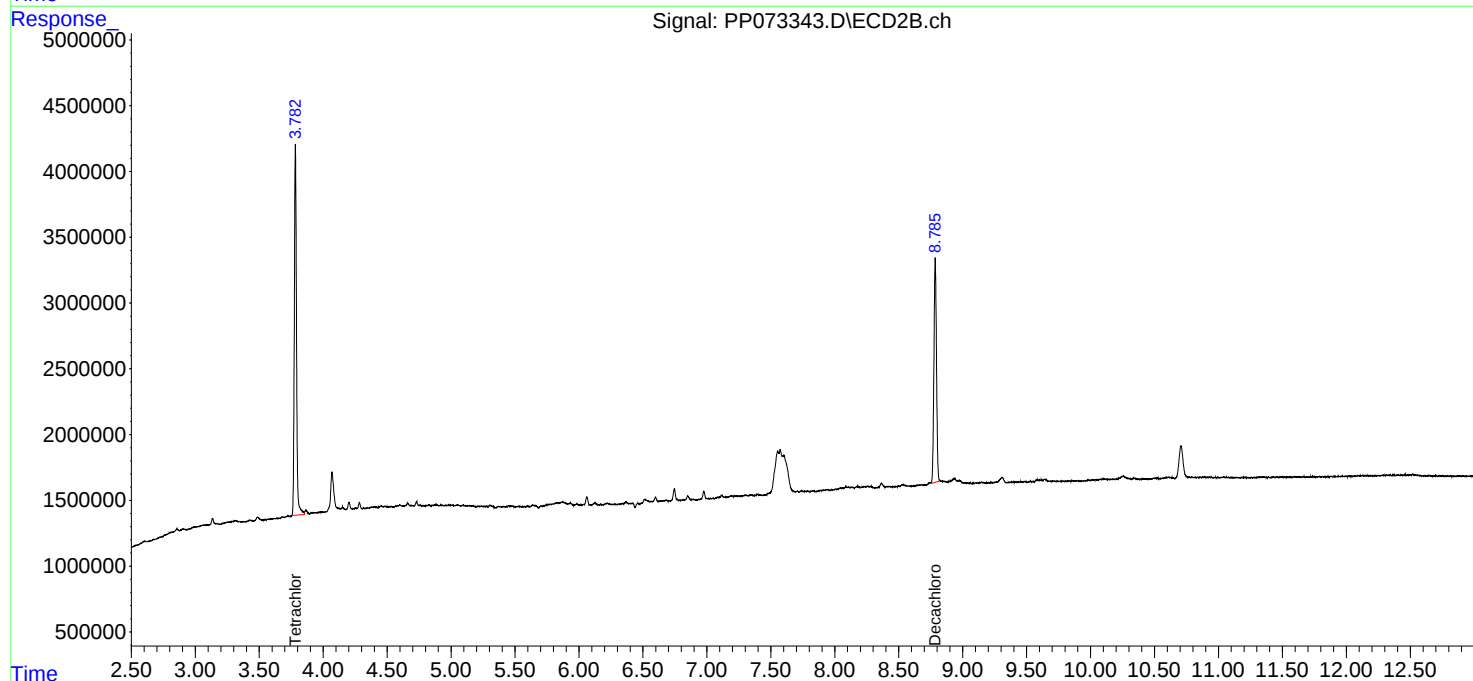
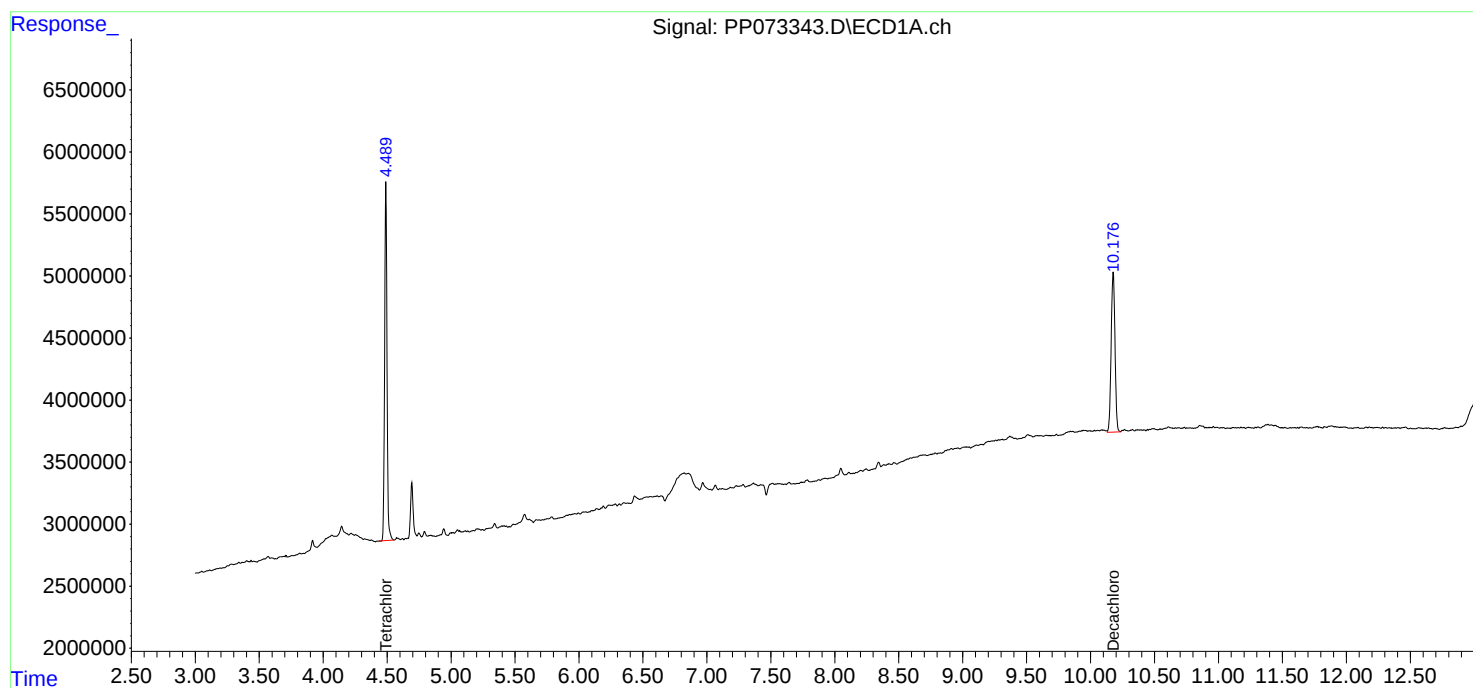
Instrument :
ECD_P
ClientSampleId :
TP-99

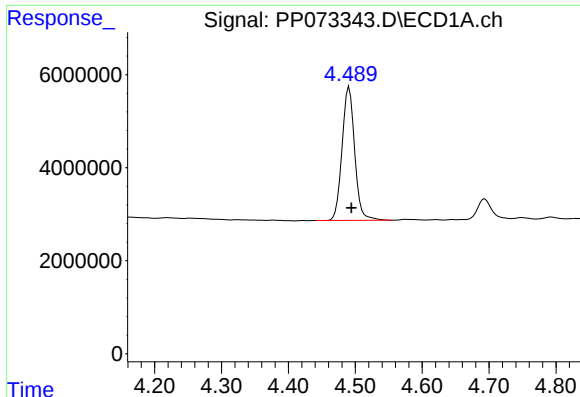
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:25:40 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





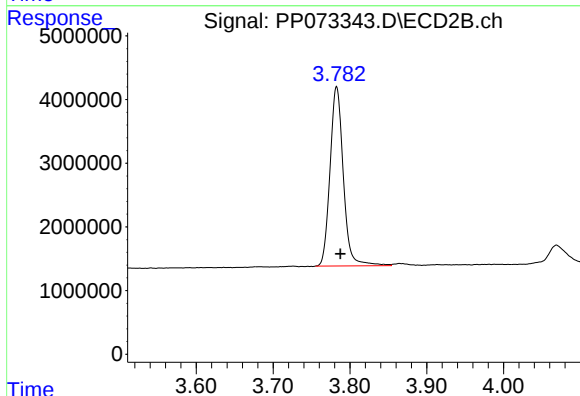
#1 Tetrachloro-m-xylene

R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 37628368
Conc: 17.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-99

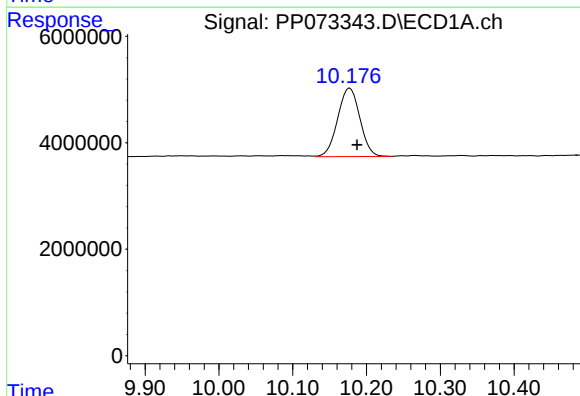
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



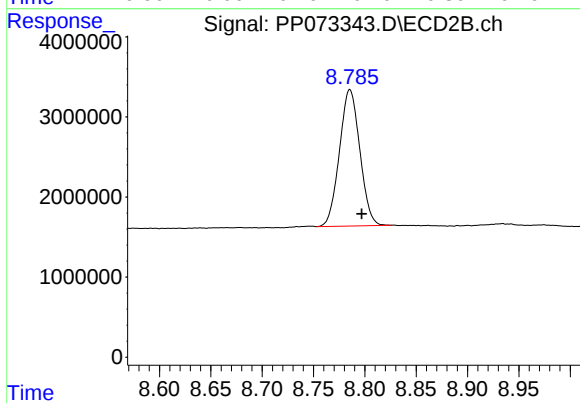
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 33556533
Conc: 18.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: -0.009 min
Response: 26867978
Conc: 15.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.012 min
Response: 23579157
Conc: 17.67 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	TP-82	SDG No.:	Q2436
Lab Sample ID:	Q2436-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92
Sample Wt/Vol:	30.06	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
PP073344.D	1	06/27/25 09:00	06/27/25 21:07	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	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	4.40	U	4.40	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	3.50	U	3.50	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		32 - 144	92%	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\PP062725\
 Data File : PP073344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 21:07
 Operator : YP\AJ
 Sample : Q2436-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TP-82

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:25:59 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	3.783	36241644	33203977	17.170	18.428
2) SA Decachlor...	10.173	8.786	27559935	24108764	16.127	18.063m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 21:07
Operator : YP\AJ
Sample : Q2436-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

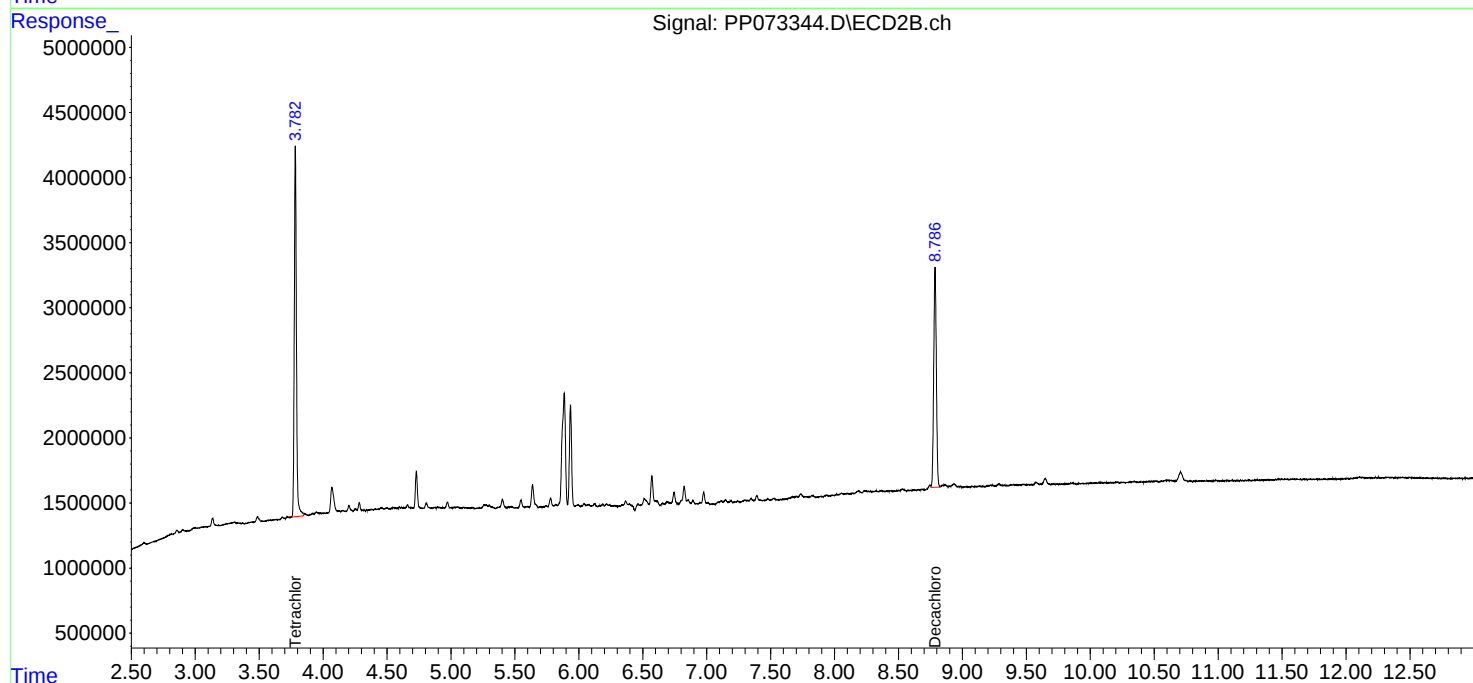
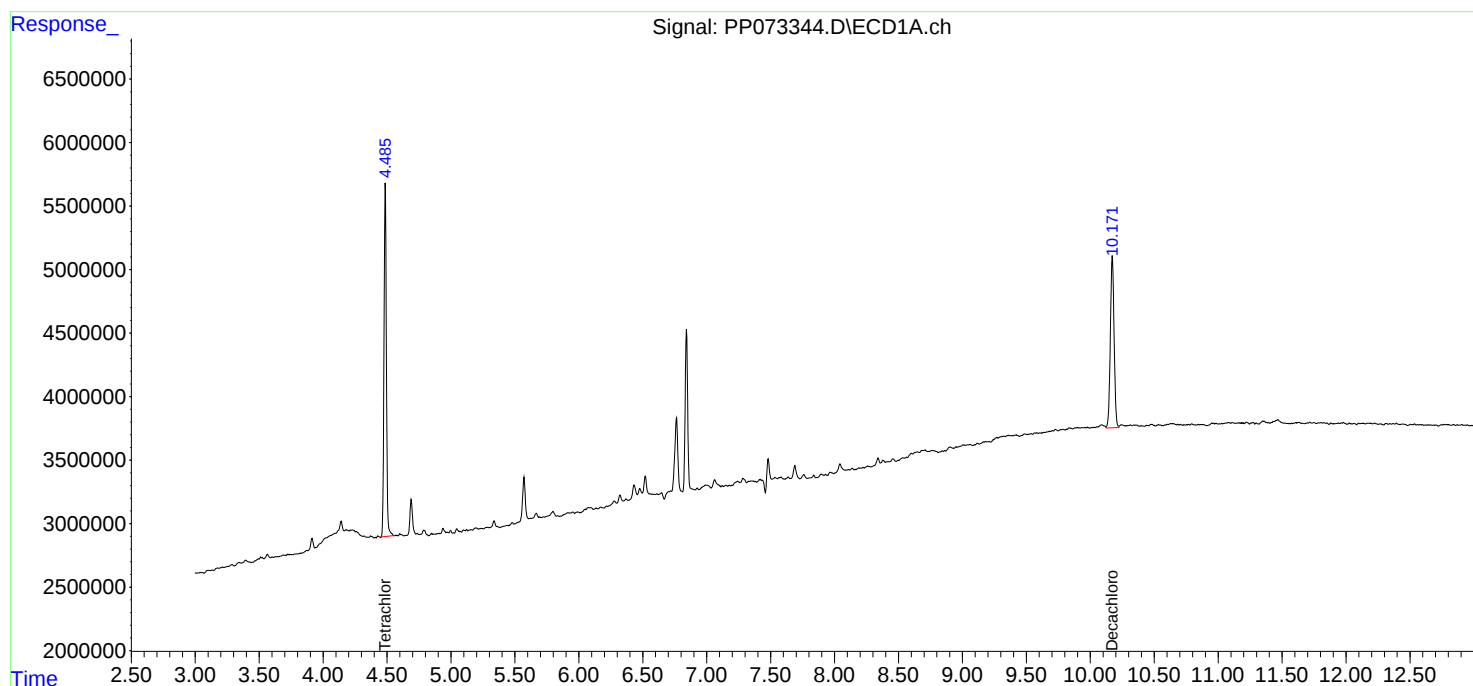
Instrument :
ECD_P
ClientSampleId :
TP-82

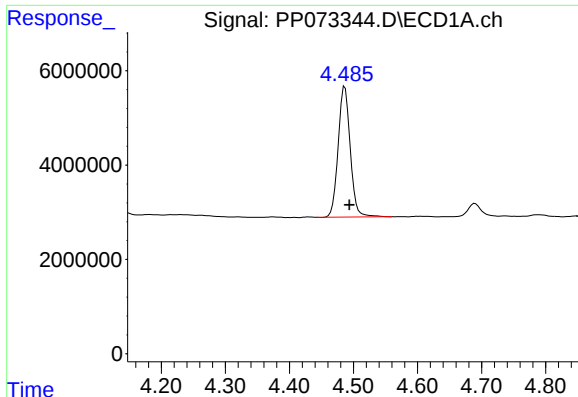
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:25:59 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





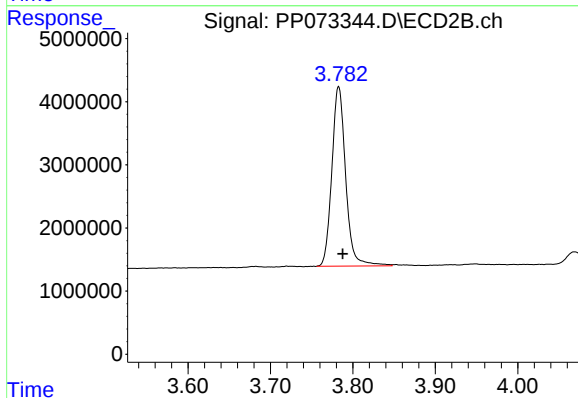
#1 Tetrachloro-m-xylene

R.T.: 4.487 min
Delta R.T.: -0.007 min
Response: 36241644
Conc: 17.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
TP-82

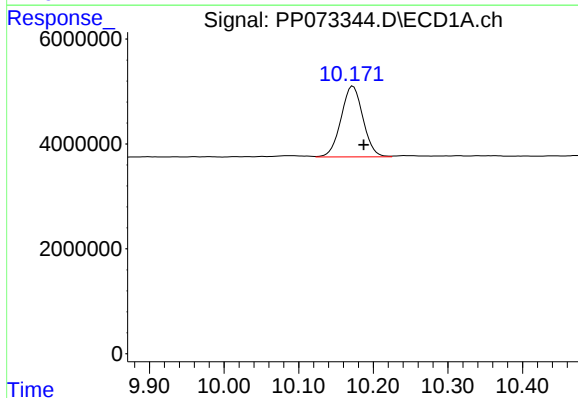
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



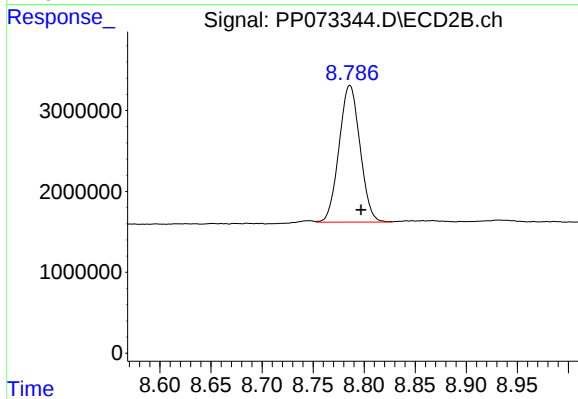
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 33203977
Conc: 18.43 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: -0.014 min
Response: 27559935
Conc: 16.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.012 min
Response: 24108764
Conc: 18.06 ng/ml m



CALIBRATION SUMMARY

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

[illegible]

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2436 **SAS No.:** Q2436 **SDG NO.:** Q2436
Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025
Calibration Times: 10:04 19:37
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	CF	% RSD
Aroclor-1016-1	(1)	63671603	67644257	70148492	76963128	84930220	72671540	12
Aroclor-1016-2	(2)	97440661	102354848	107008936	114458460	98840440	104020669	7
Aroclor-1016-3	(3)	59983524	63267185	65041372	73554480	64895380	65348388	8
Aroclor-1016-4	(4)	50589003	52912481	54400336	56287652	47214800	52280854	7
Aroclor-1016-5	(5)	46240143	47840919	49349310	51433860	55161280	50005102	7
Aroclor-1260-1	(1)	82538787	86792979	90284630	94211564	87238820	88213356	5
Aroclor-1260-2	(2)	125600539	132072107	137363486	143645412	140737120	135883733	5
Aroclor-1260-3	(3)	106201830	111185451	115341698	120182220	117849880	114152216	5
Aroclor-1260-4	(4)	98670506	102821608	101520658	108282220	103932620	103045522	3
Aroclor-1260-5	(5)	227637841	236485680	245198018	255372264	238418920	240622545	4
Decachlorobiphenyl		1620648950	1677444467	1749703060	1784234960	1712434400	1708893167	4
Tetrachloro-m-xylene		1977356170	2059482187	2109826840	2243117400	2164249200	2110806359	5
Aroclor-1254-1	(1)	73763285	78885443	81757104	88891384	97572240	84173891	11
Aroclor-1254-2	(2)	111451506	118674340	123357828	133620984	139899720	125400876	9
Aroclor-1254-3	(3)	119235877	126285657	130365552	141133040	139034740	131210973	7
Aroclor-1254-4	(4)	108754762	114515340	117946542	128101128	129602040	119783962	7
Aroclor-1254-5	(5)	106940669	112254864	115991910	123909512	112185340	114256459	6
Decachlorobiphenyl		1648218000	1739306053	1775656020	1935470960	1659491600	1751628527	7
Tetrachloro-m-xylene		1872735760	1960277133	2019595300	2159825040	2074265000	2017339647	5



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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

Calibration Times: 10:04 19:37

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

LAB FILE ID:		CF 1000 =	PP072991.D	CF 750 =	PP072992.D			
CF 500 =		PP072993.D	CF 250 =	PP072994.D	CF 050 =	PP072995.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	58734267	64000205	67674152	72695560	80484240	68717685	12
Aroclor-1016-2	(2)	90382349	94344453	98038690	104433472	115993580	100638509	10
Aroclor-1016-3	(3)	48136215	50748025	53595712	56975444	64125620	54716203	11
Aroclor-1016-4	(4)	38107893	40907291	43245840	46954372	53532680	44549615	13
Aroclor-1016-5	(5)	49203503	51615780	54910048	58505108	62177080	55282304	9
Aroclor-1260-1	(1)	84892100	88579871	95448406	100236824	104495860	94730612	9
Aroclor-1260-2	(2)	105588352	108160505	115763440	121715240	130953840	116436275	9
Aroclor-1260-3	(3)	96095206	97763095	104346708	109521728	113078520	104161051	7
Aroclor-1260-4	(4)	77788306	79915727	86740682	92092068	102155800	87738517	11
Aroclor-1260-5	(5)	196041650	198840268	209548214	218270728	244301260	213400424	9
Decachlorobiphenyl		1225771100	1248497173	1342901640	1435827000	1420581600	1334715703	7
Tetrachloro-m-xylene		1662896120	1767446653	1788437460	1893713440	1896490200	1801796775	5
Aroclor-1254-1	(1)	94131500	102369100	108358230	120483728	122907600	109650032	11
Aroclor-1254-2	(2)	80645865	88030495	92596756	103733056	107725280	94546290	12
Aroclor-1254-3	(3)	128776319	138178049	147317104	161124892	162339800	147547233	10
Aroclor-1254-4	(4)	83562949	90268741	96675708	106896836	108101020	97101051	11
Aroclor-1254-5	(5)	116424396	122854644	129598642	142067368	138868340	129962678	8
Decachlorobiphenyl		1234350420	1314370427	1354328000	1438665160	1427909200	1353924641	6
Tetrachloro-m-xylene		1670033590	1775346533	1836392320	1937020080	1788575000	1801473505	5



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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-1242	500	1	5.64	5.54	5.74	57421600
		2	5.67	5.57	5.77	88109600
		3	5.73	5.63	5.83	53645400
		4	5.83	5.73	5.93	44319200
		5	6.56	6.46	6.66	47192000
Aroclor-1248	500	1	5.65	5.55	5.75	45862600
		2	5.92	5.82	6.02	55617600
		3	6.12	6.02	6.22	62737600
		4	6.52	6.42	6.62	82896000
		5	6.56	6.46	6.66	81070400
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
Aroclor-1268	500	1	8.70	8.60	8.80	355896000
		2	8.79	8.69	8.89	302966000
		3	9.02	8.92	9.12	262174000
		4	9.44	9.34	9.54	118060000
		5	9.85	9.75	9.95	738672000



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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-1242	500	1	4.87	4.77	4.97	54443400
		2	4.89	4.79	4.99	79469600
		3	5.06	4.96	5.16	42982200
		4	5.15	5.05	5.25	41186400
		5	5.67	5.57	5.77	52837600
Aroclor-1248	500	1	4.87	4.77	4.97	40002800
		2	5.10	5.00	5.20	53304000
		3	5.15	5.05	5.25	54788000
		4	5.32	5.22	5.42	62750000
		5	5.71	5.61	5.81	68635600
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
Aroclor-1268	500	1	7.68	7.58	7.78	280800000
		2	7.75	7.65	7.85	251704000
		3	7.95	7.85	8.05	211556000
		4	8.25	8.15	8.35	93004800
		5	8.54	8.44	8.64	587388000

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

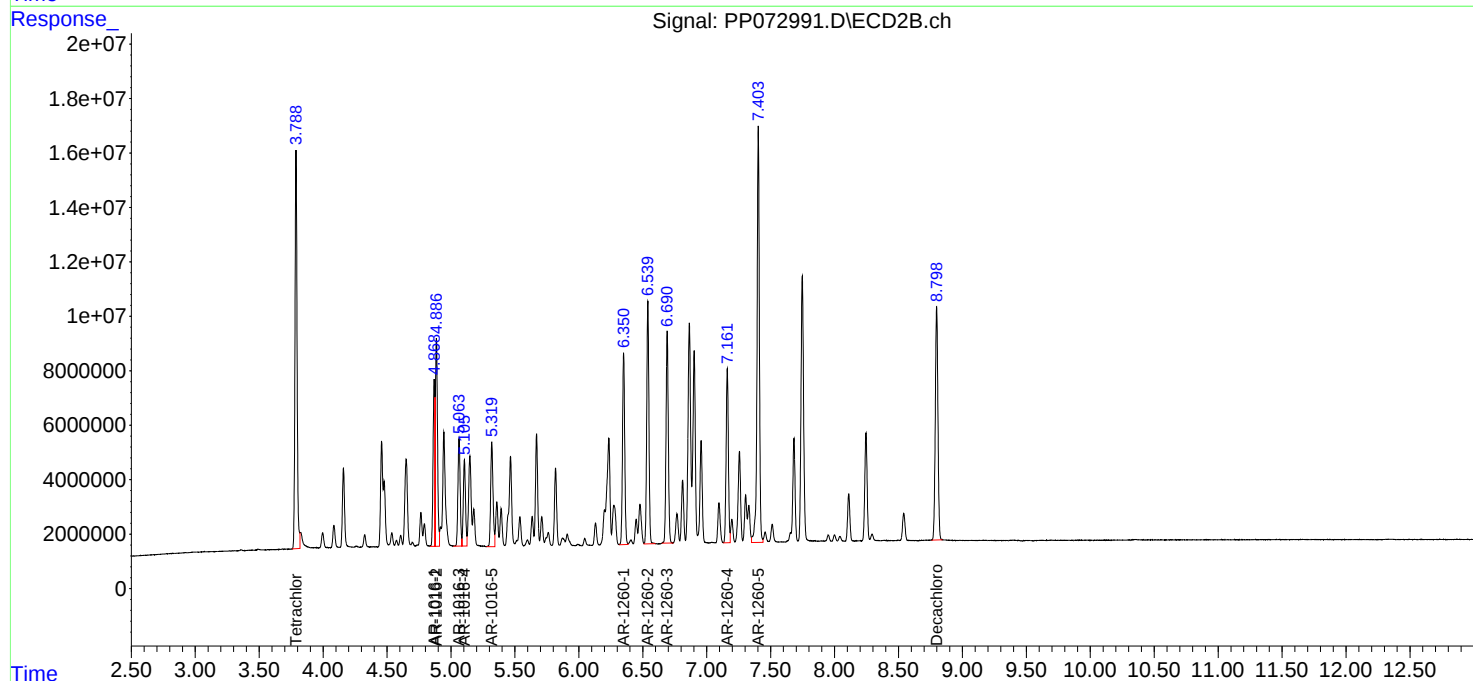
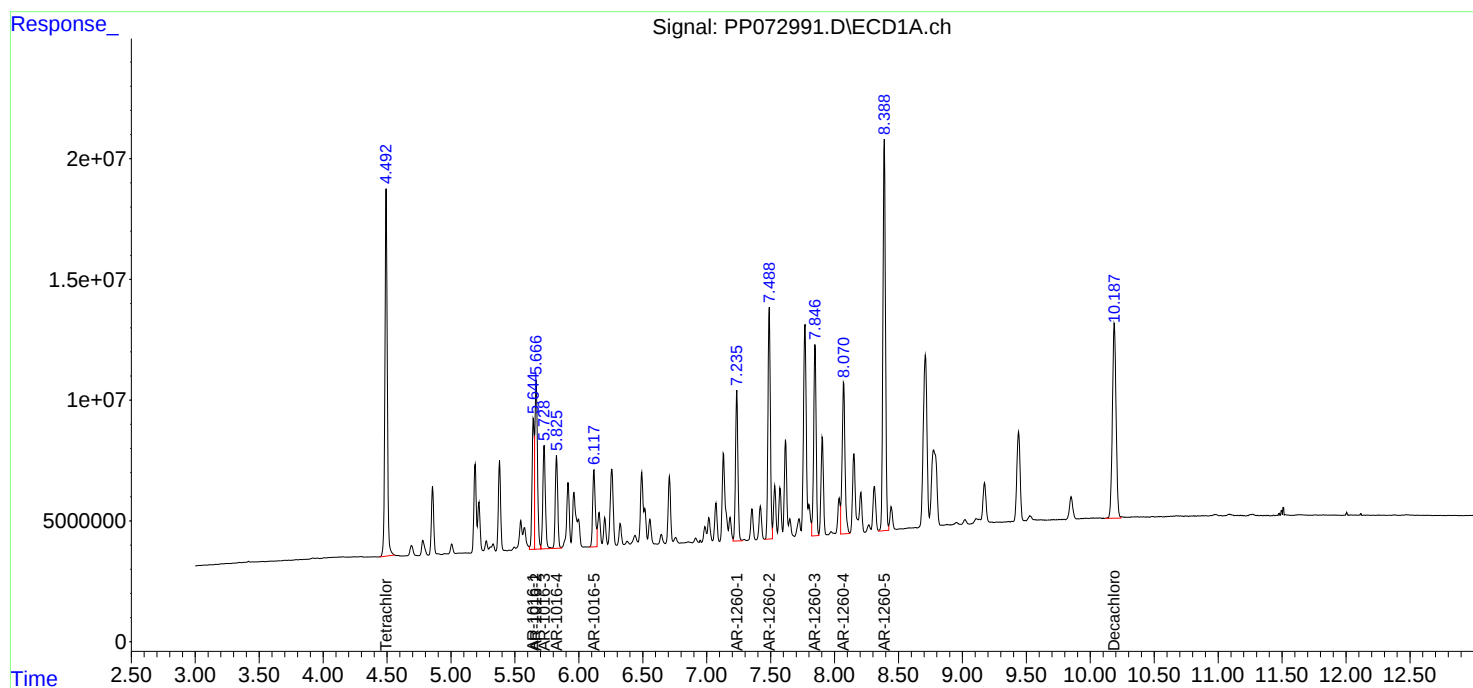
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

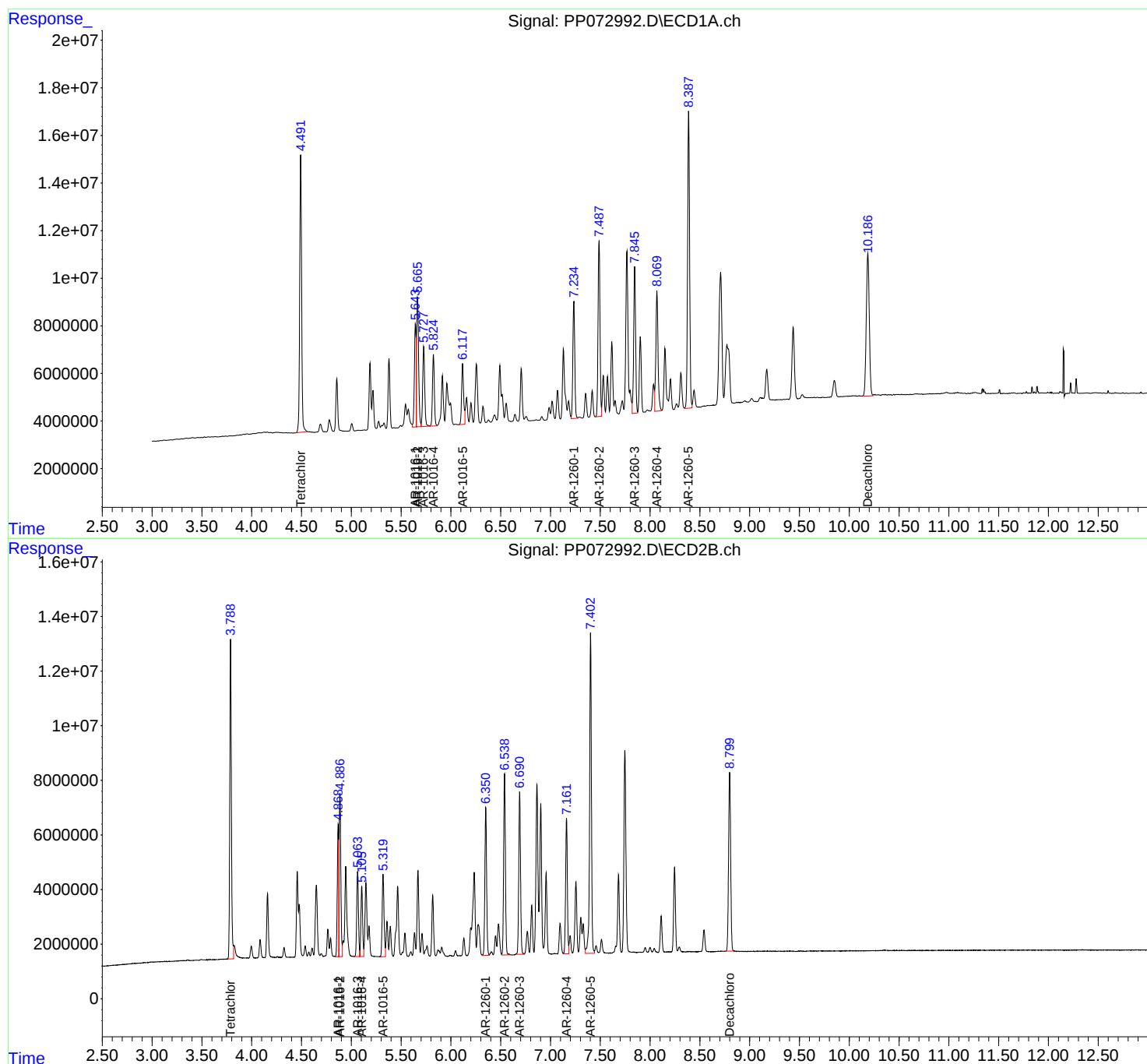
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

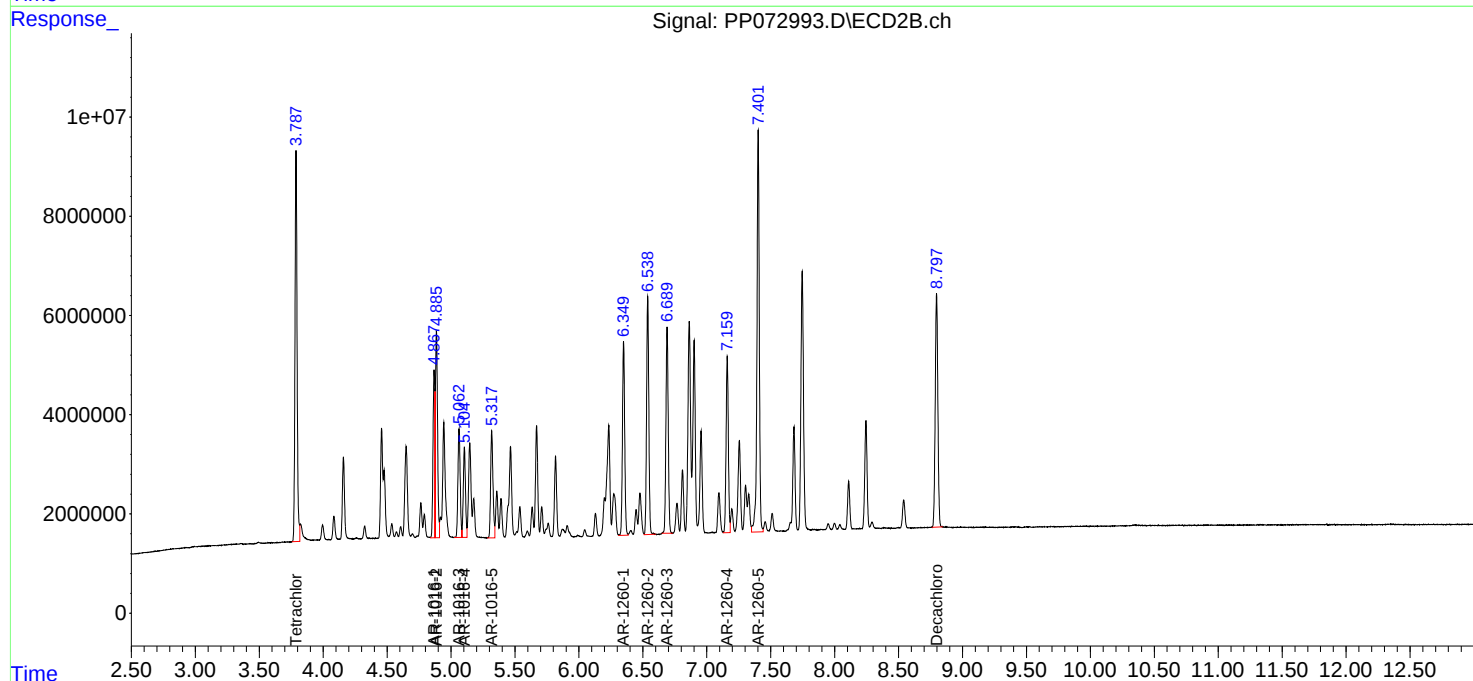
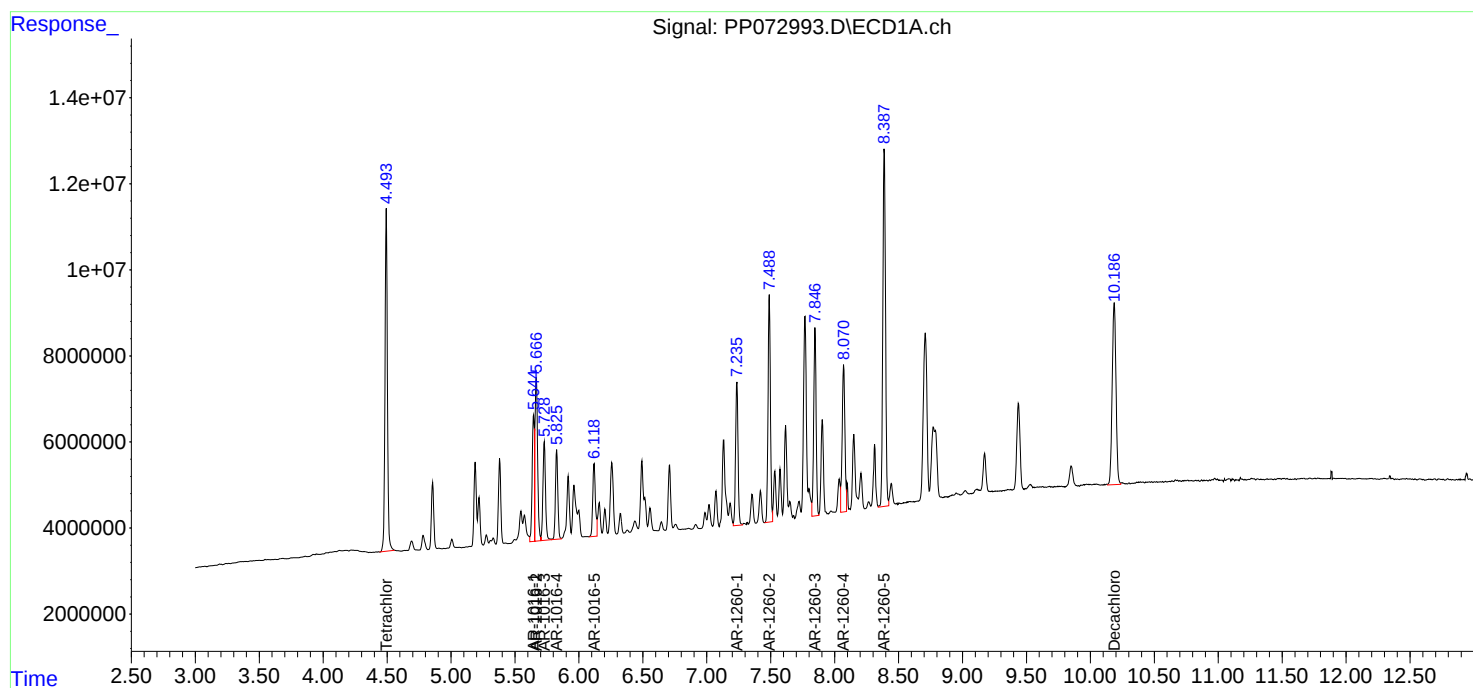
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

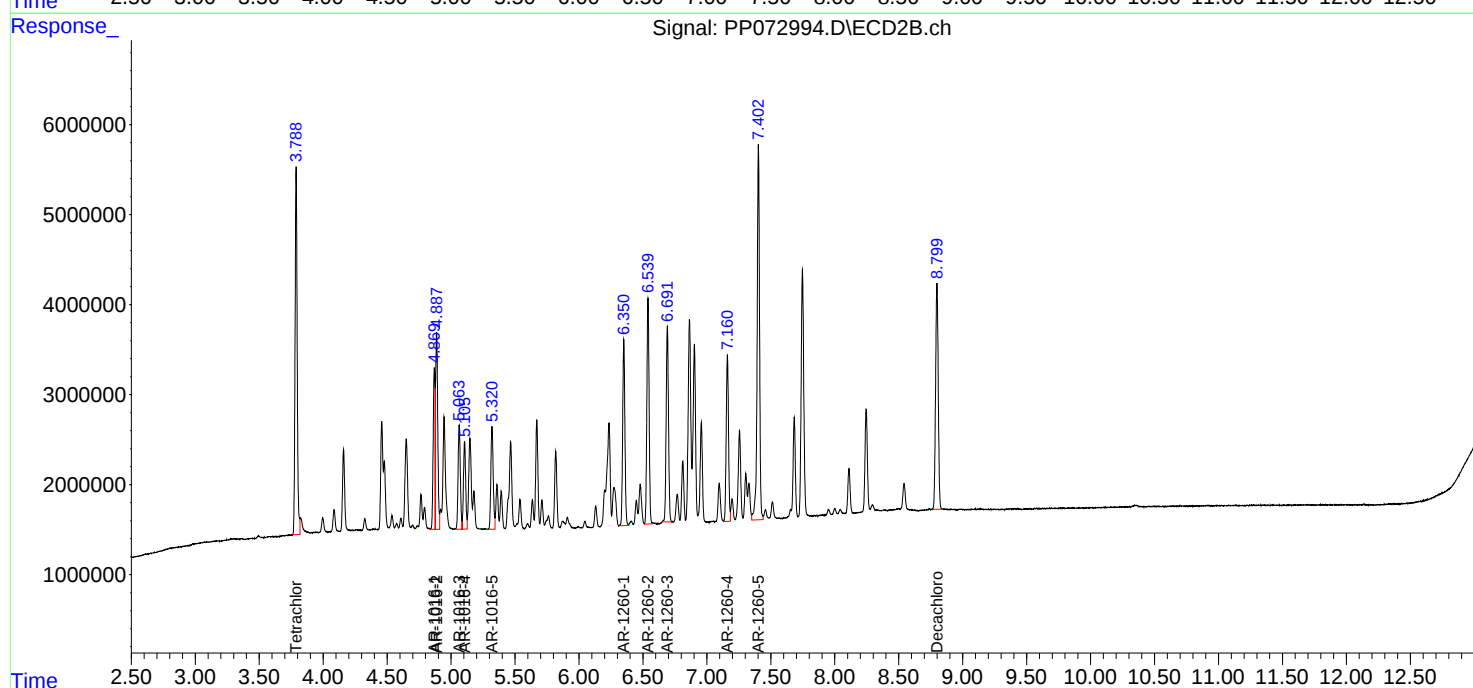
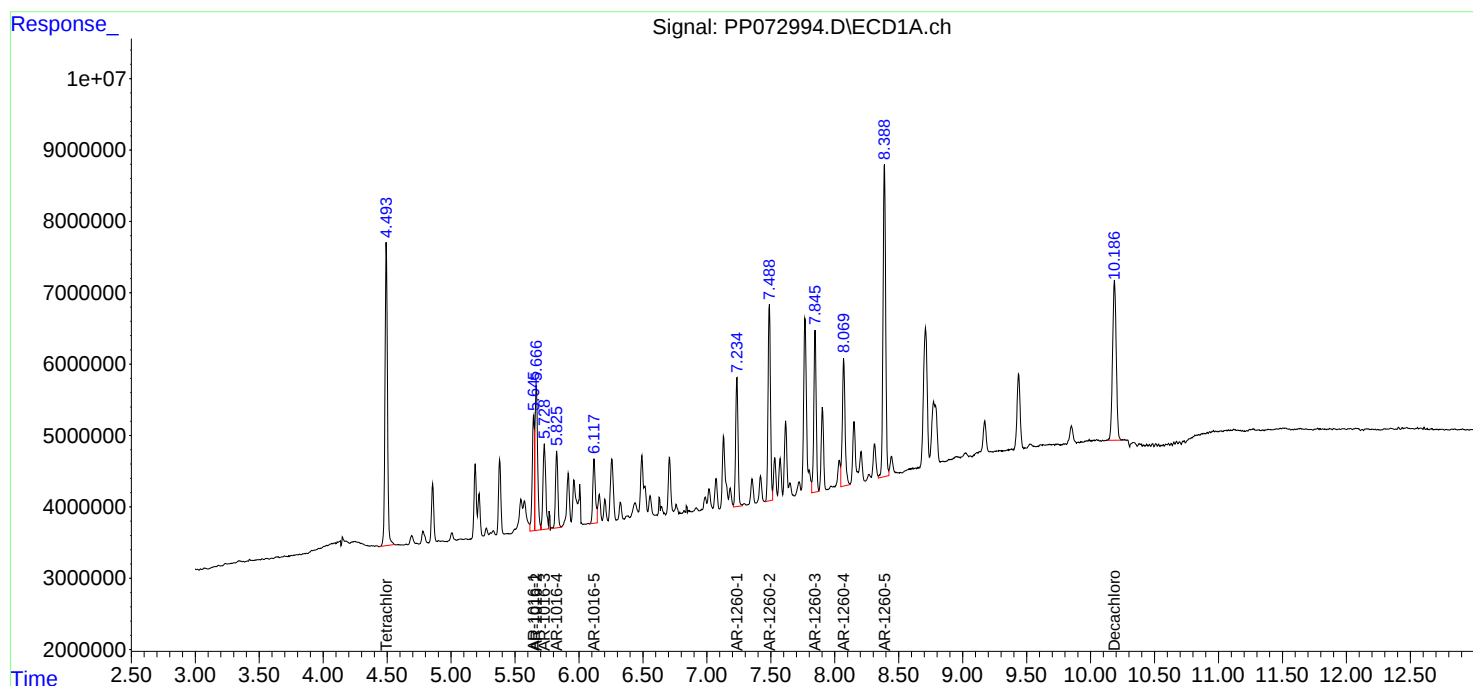
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

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

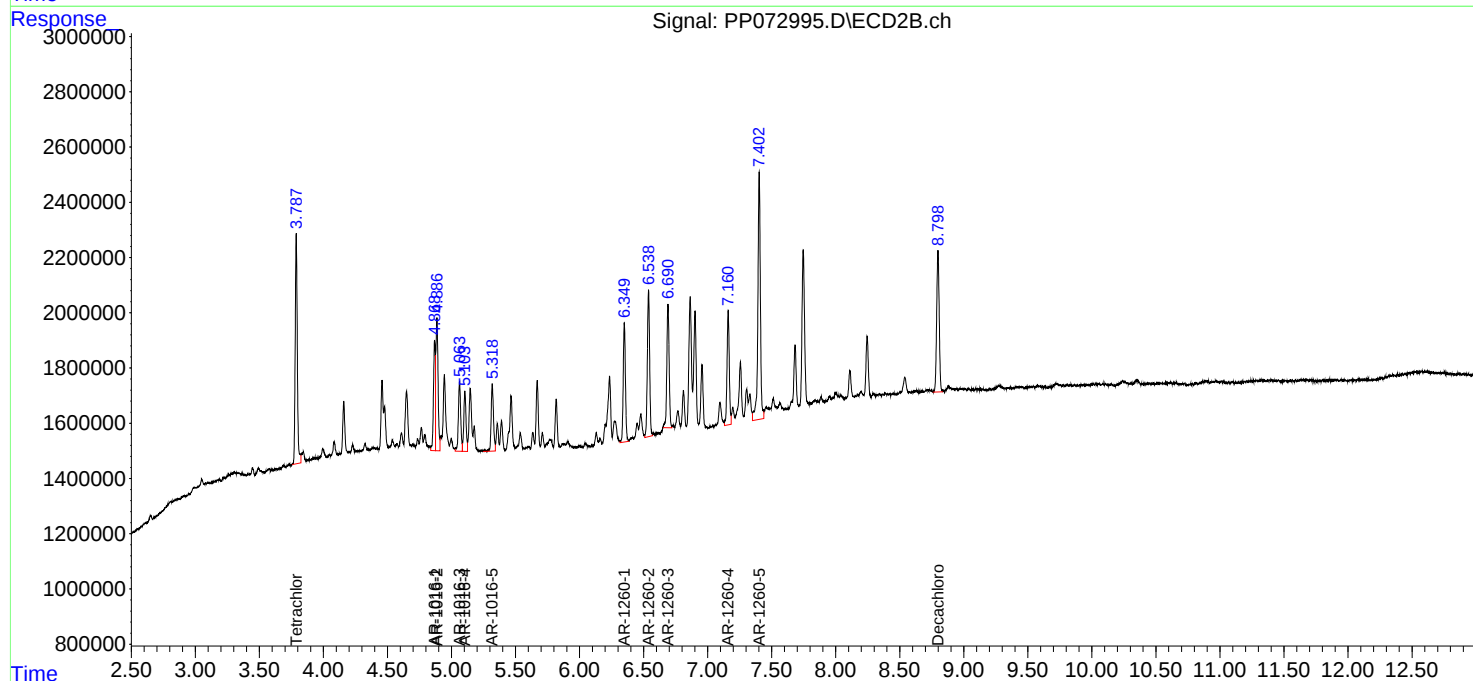
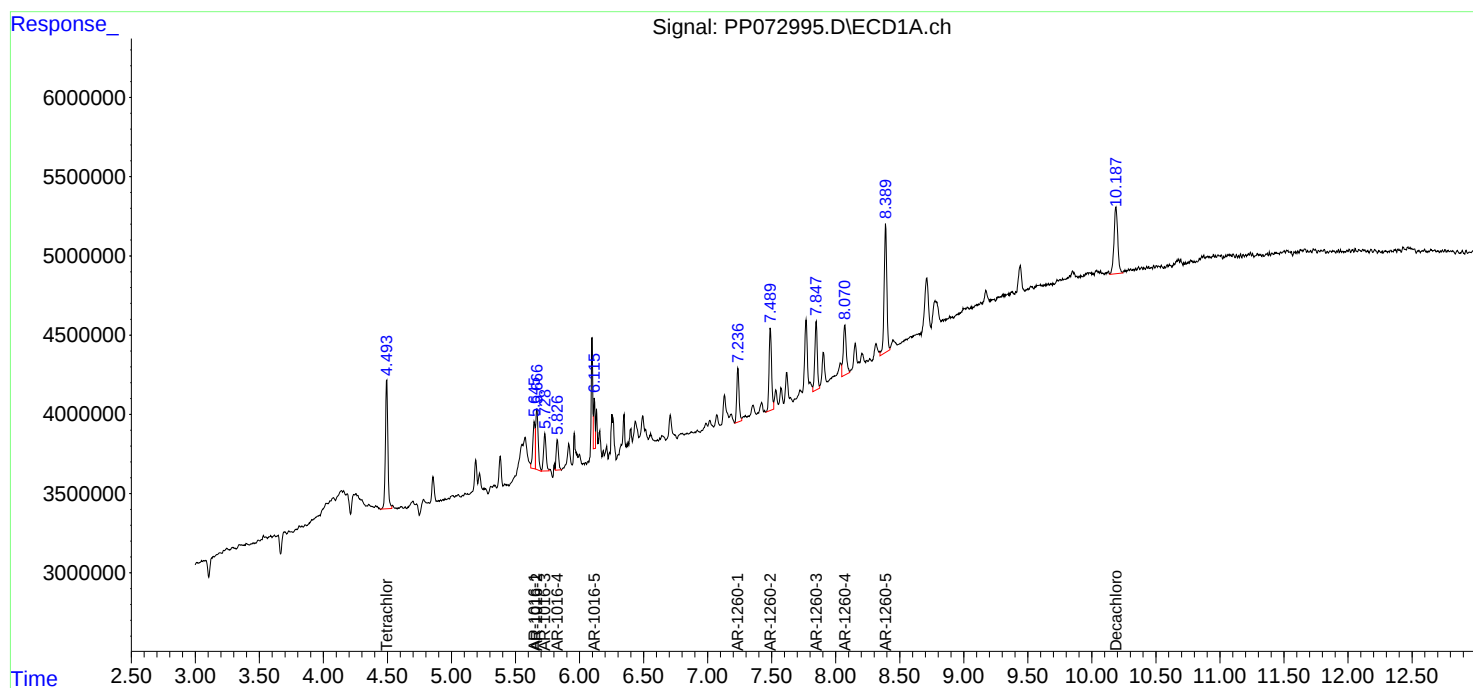
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

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

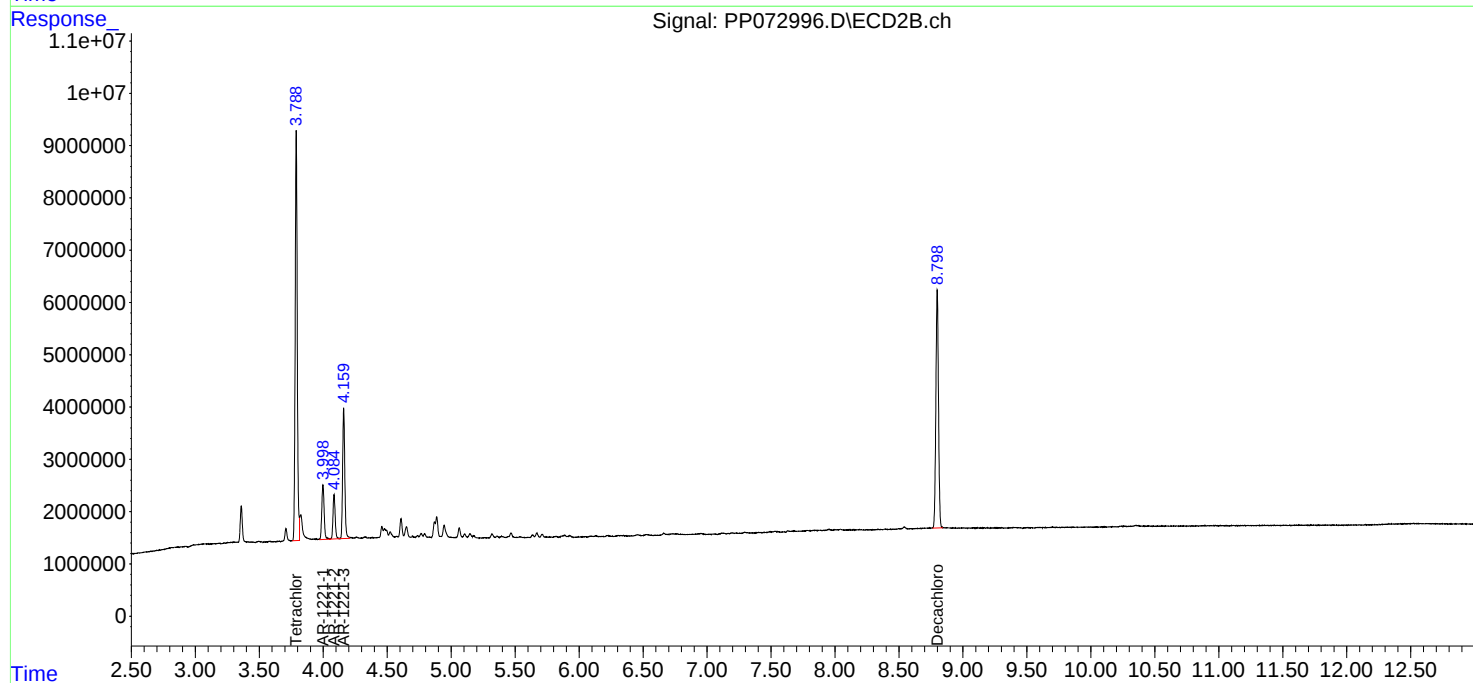
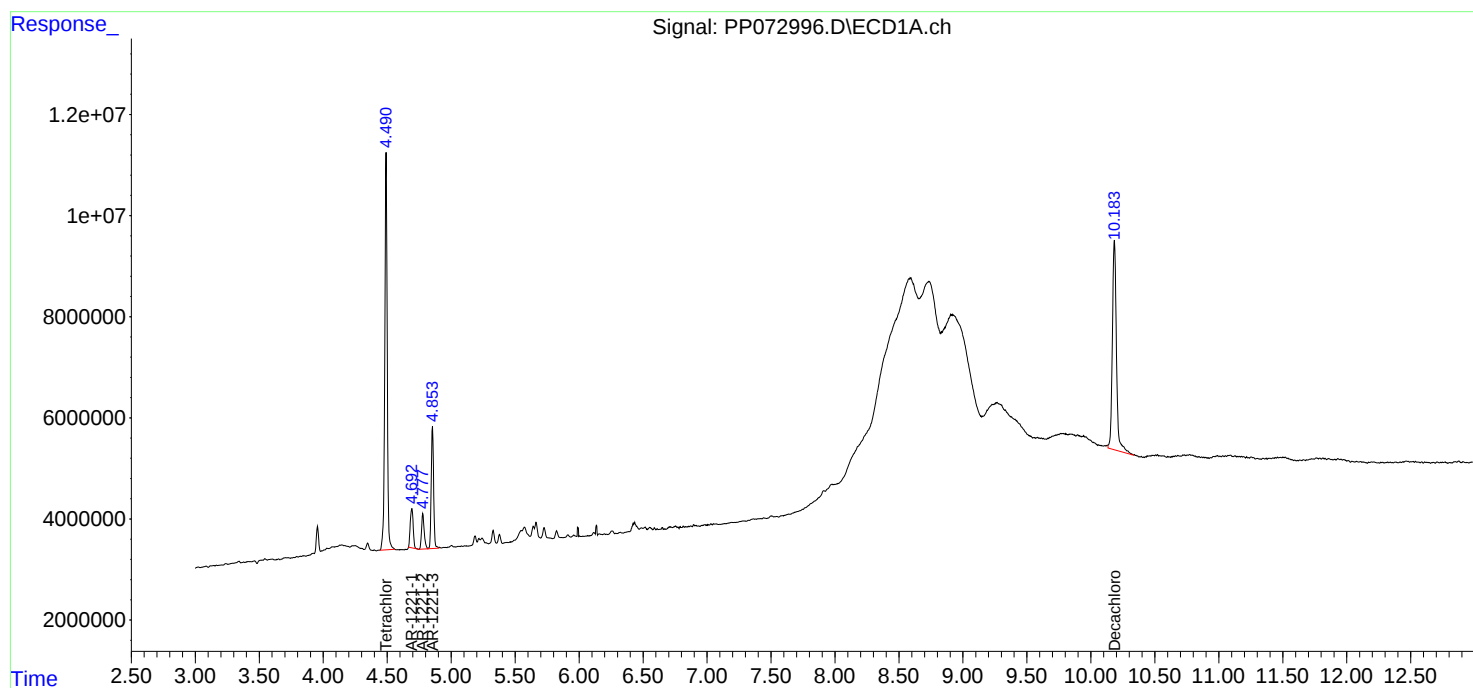
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

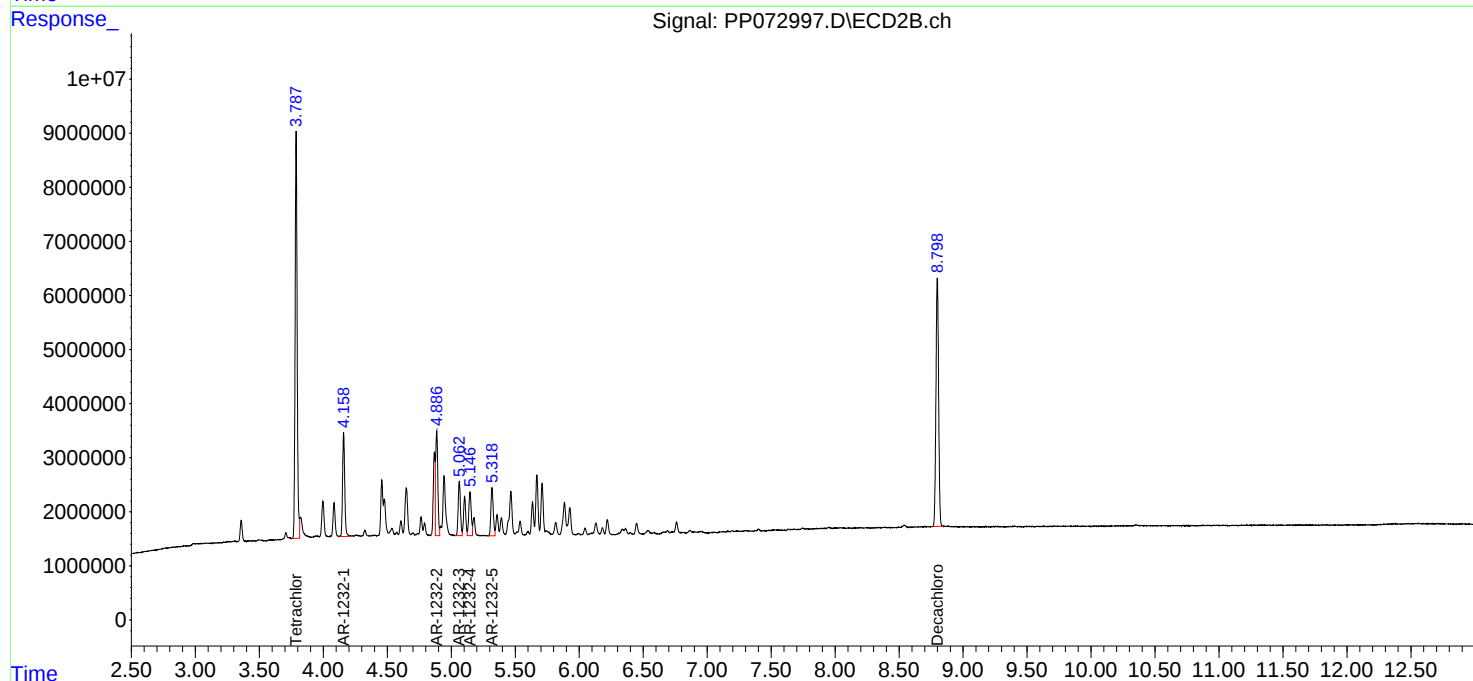
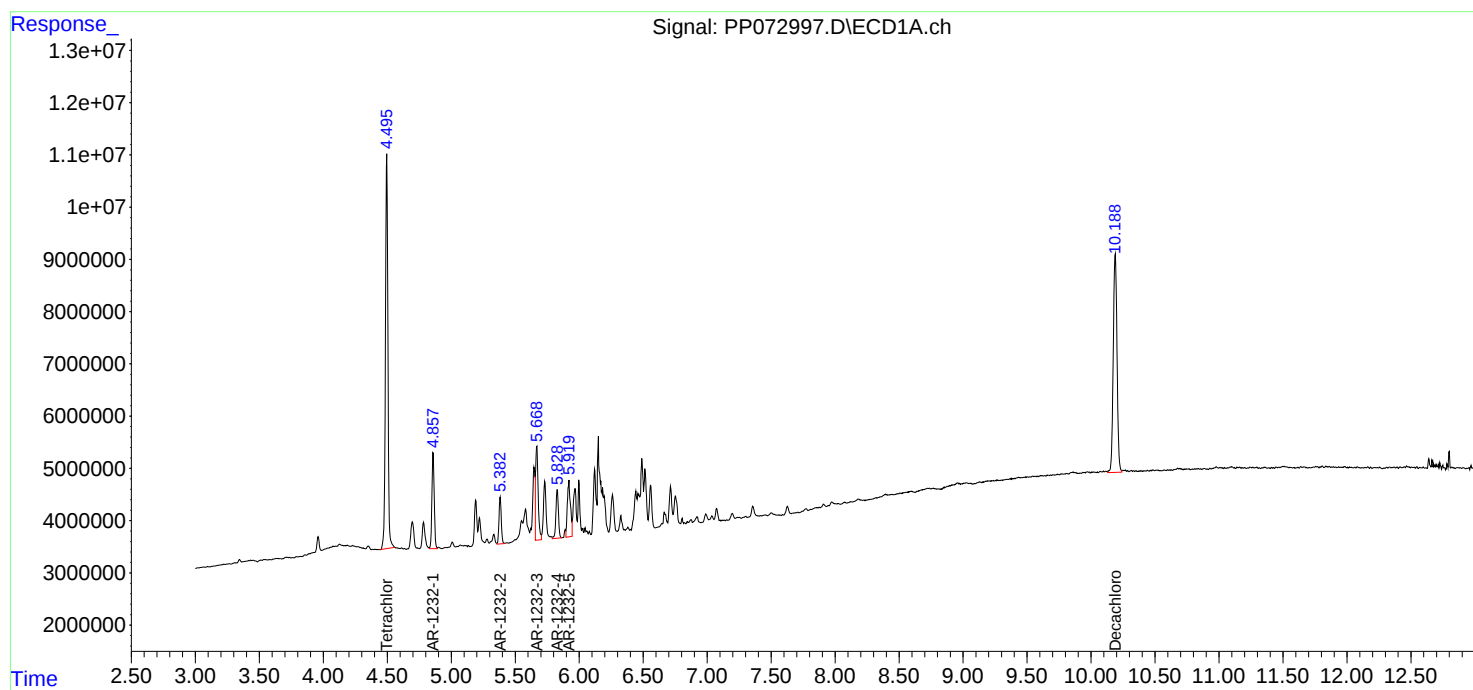
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 : 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

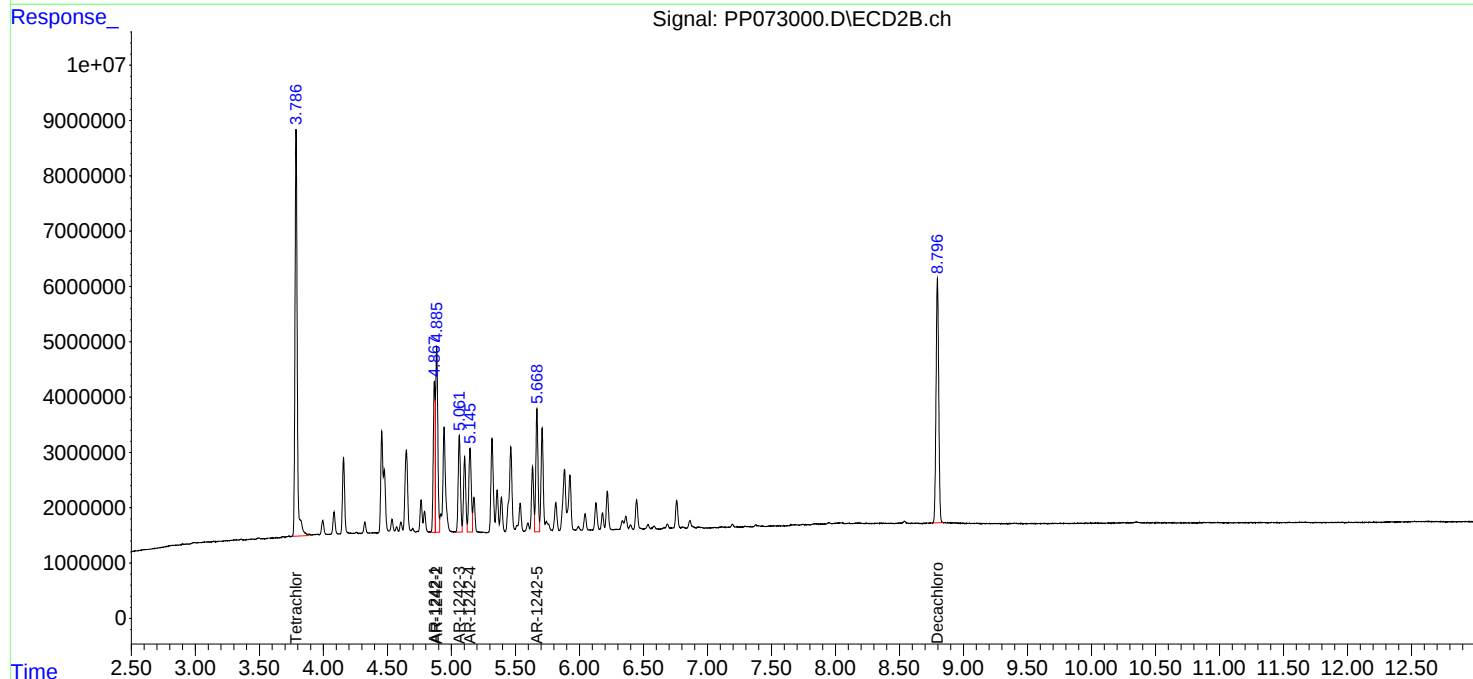
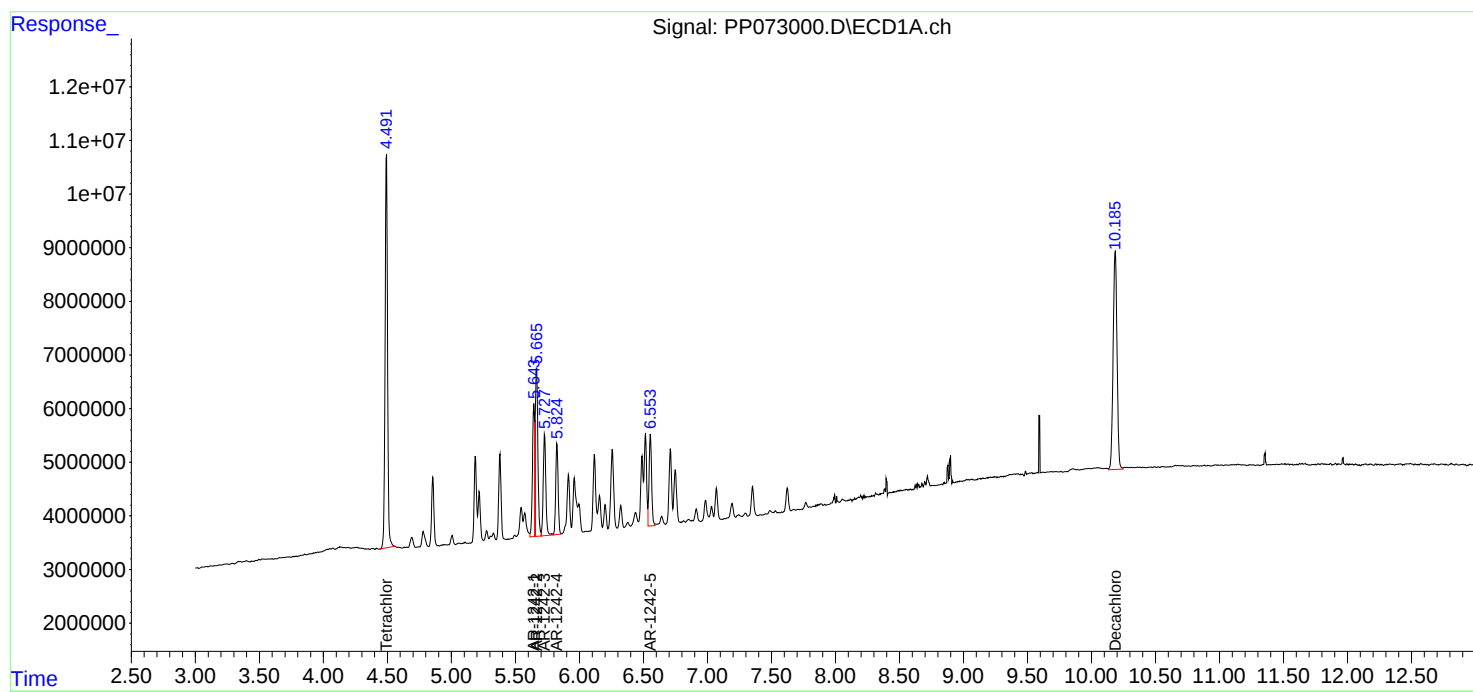
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 : 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

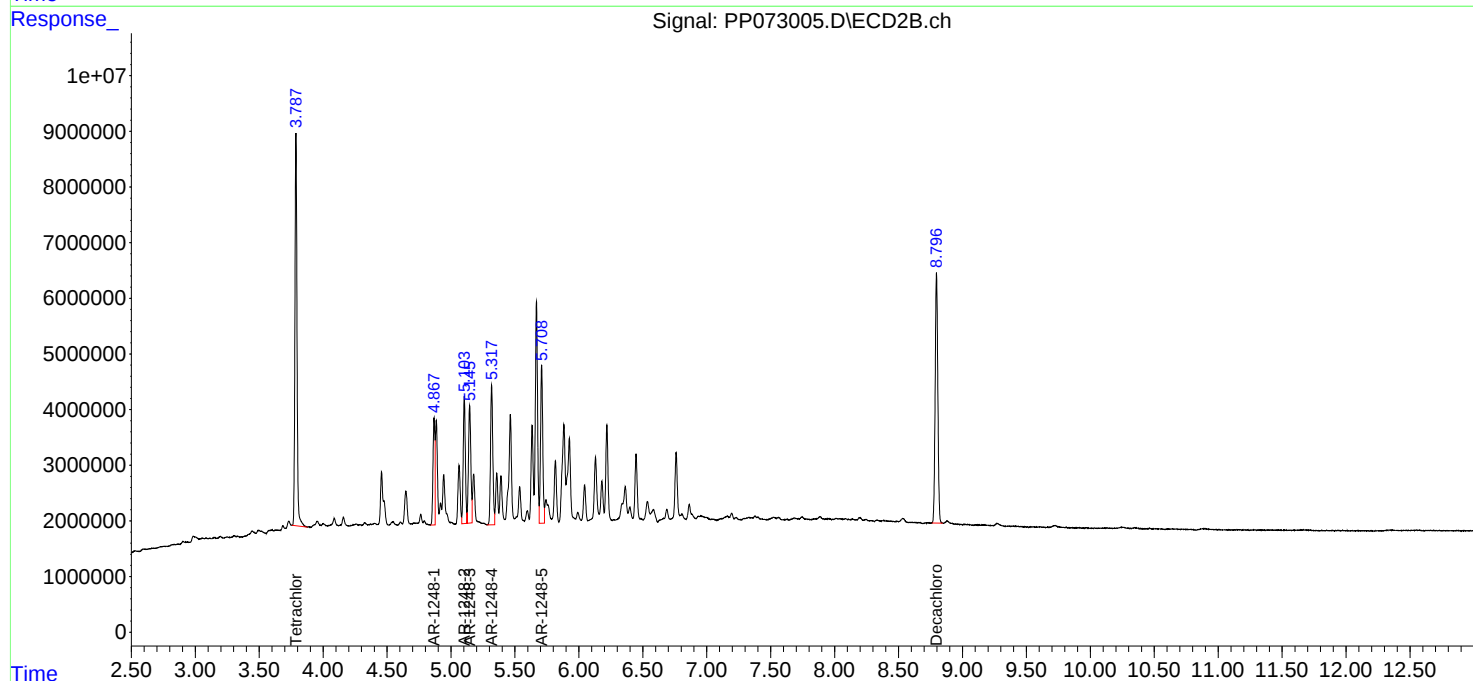
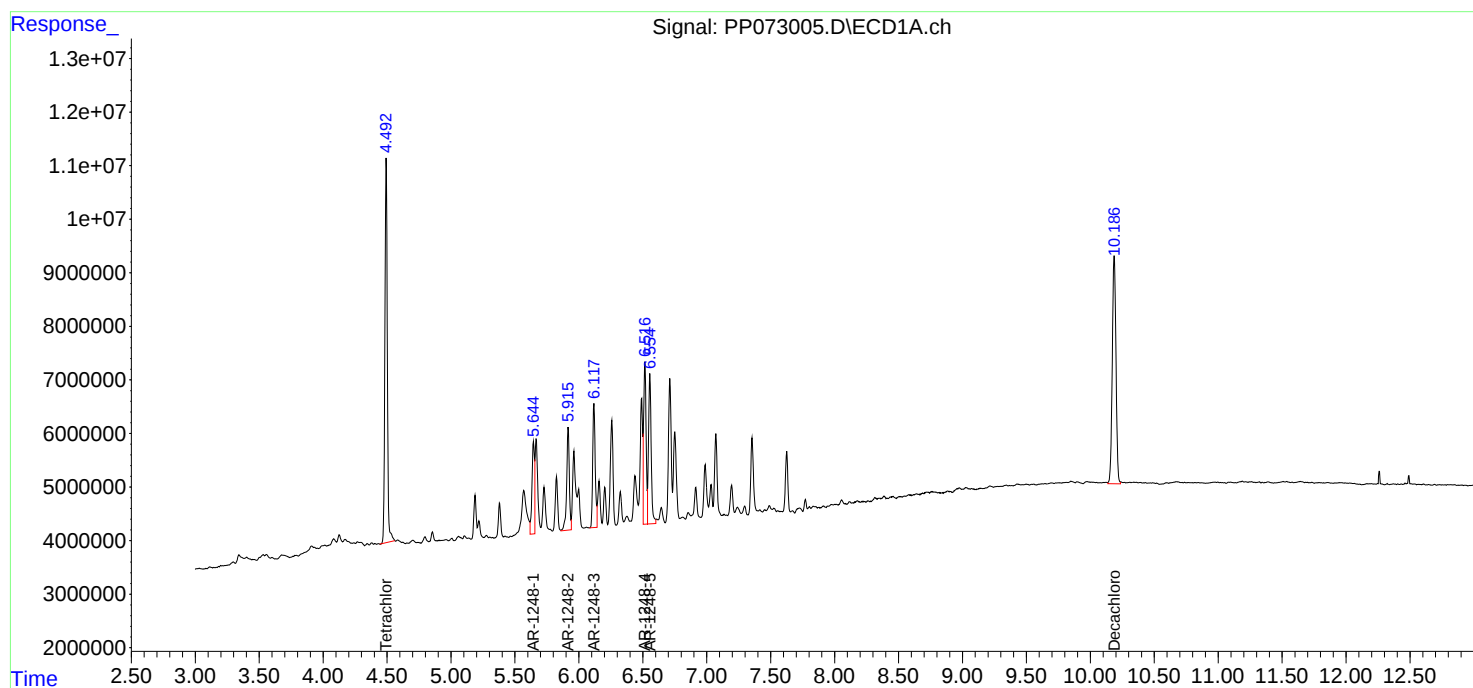
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 : 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

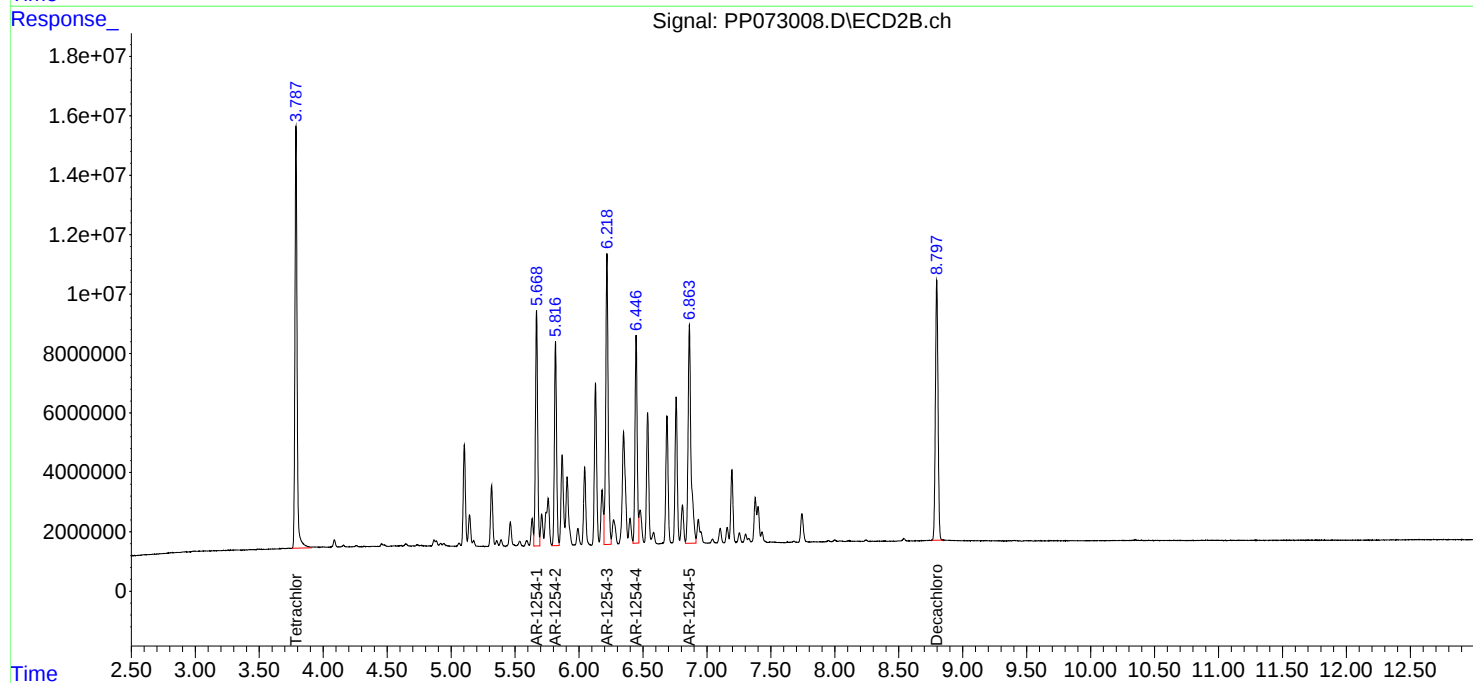
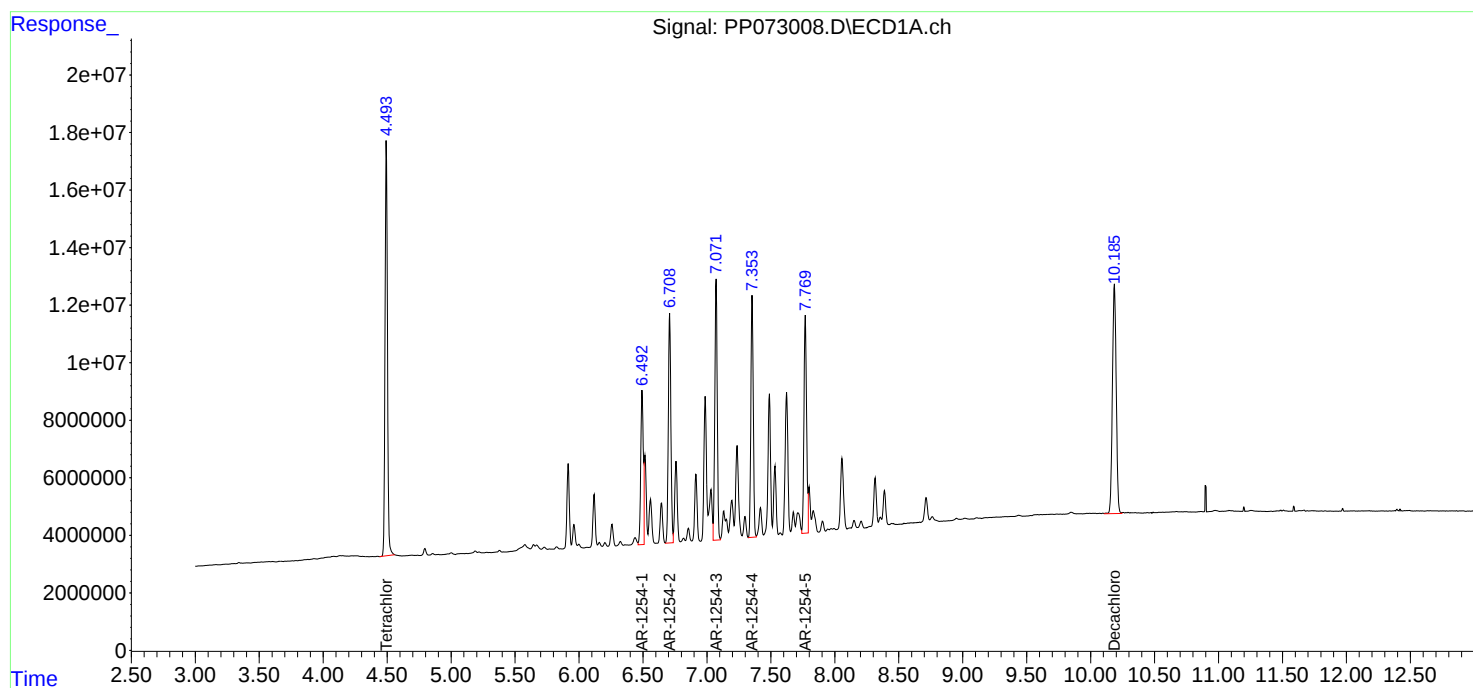
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

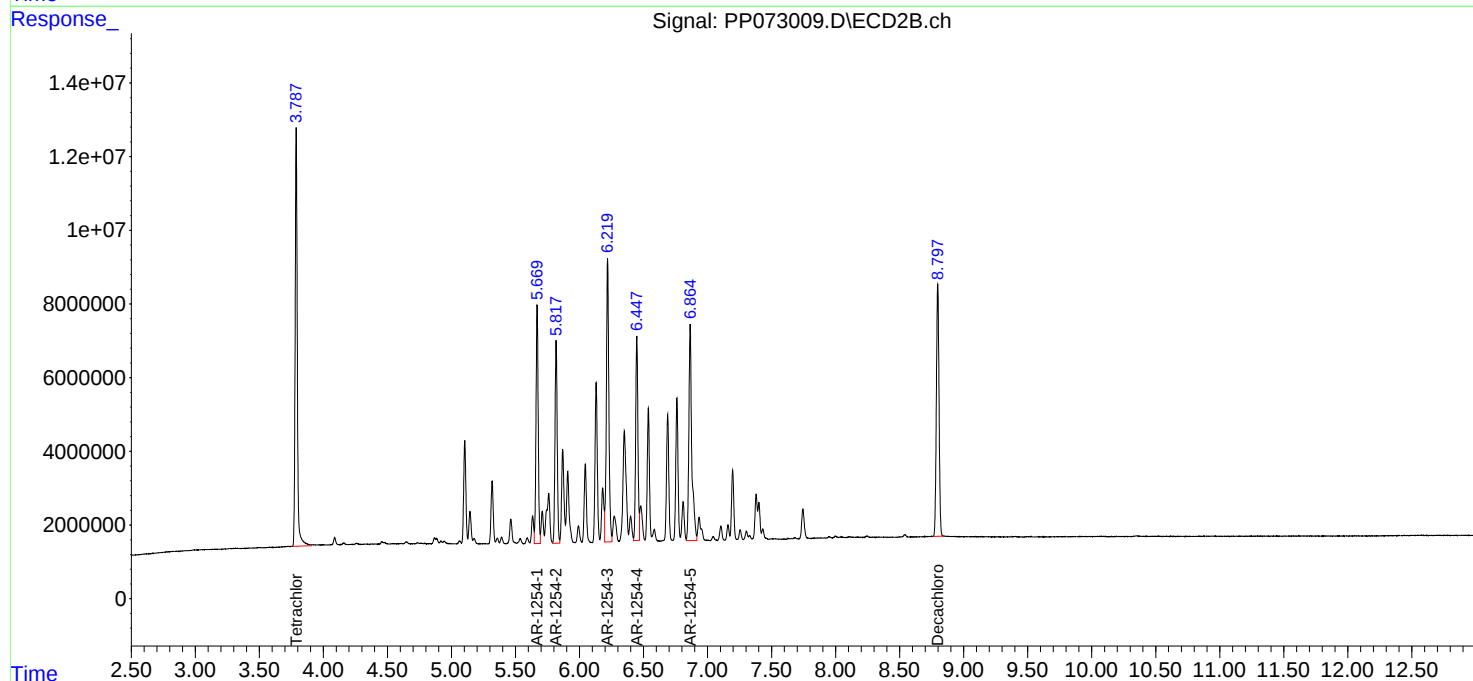
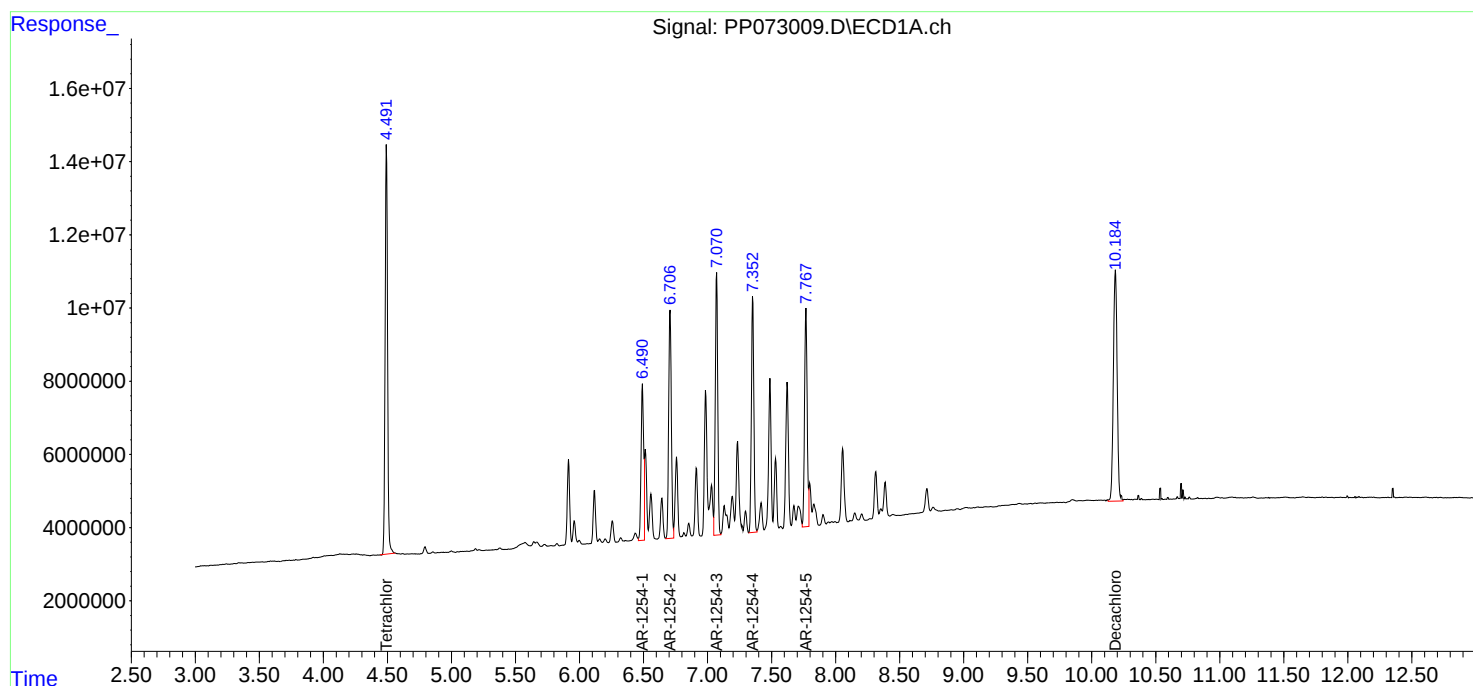
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

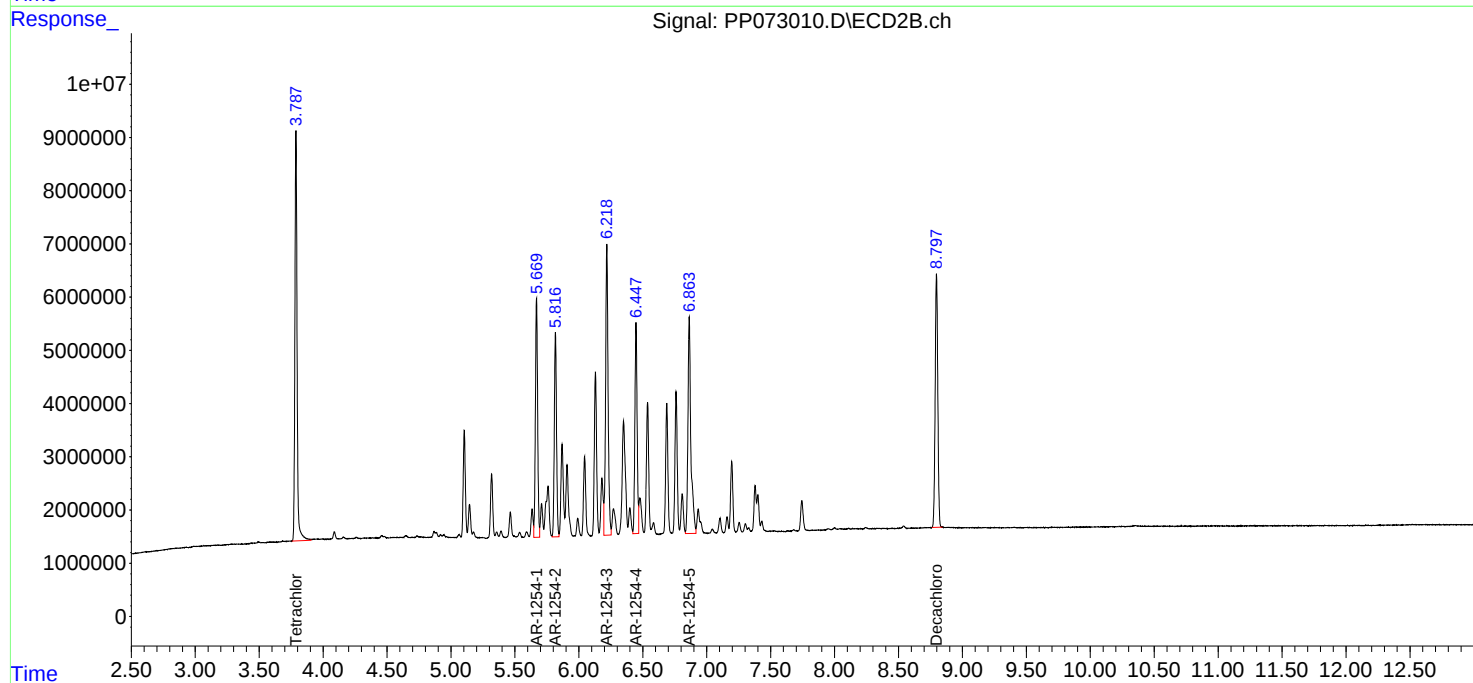
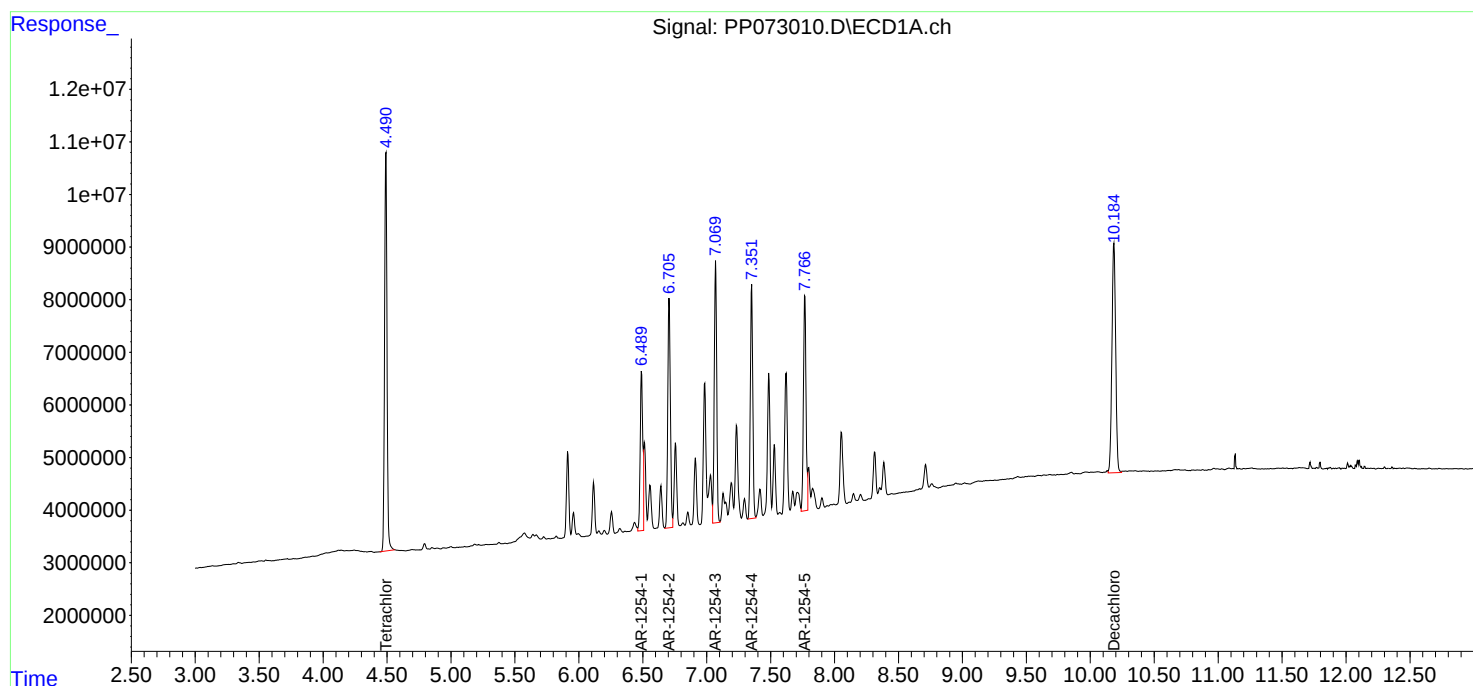
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

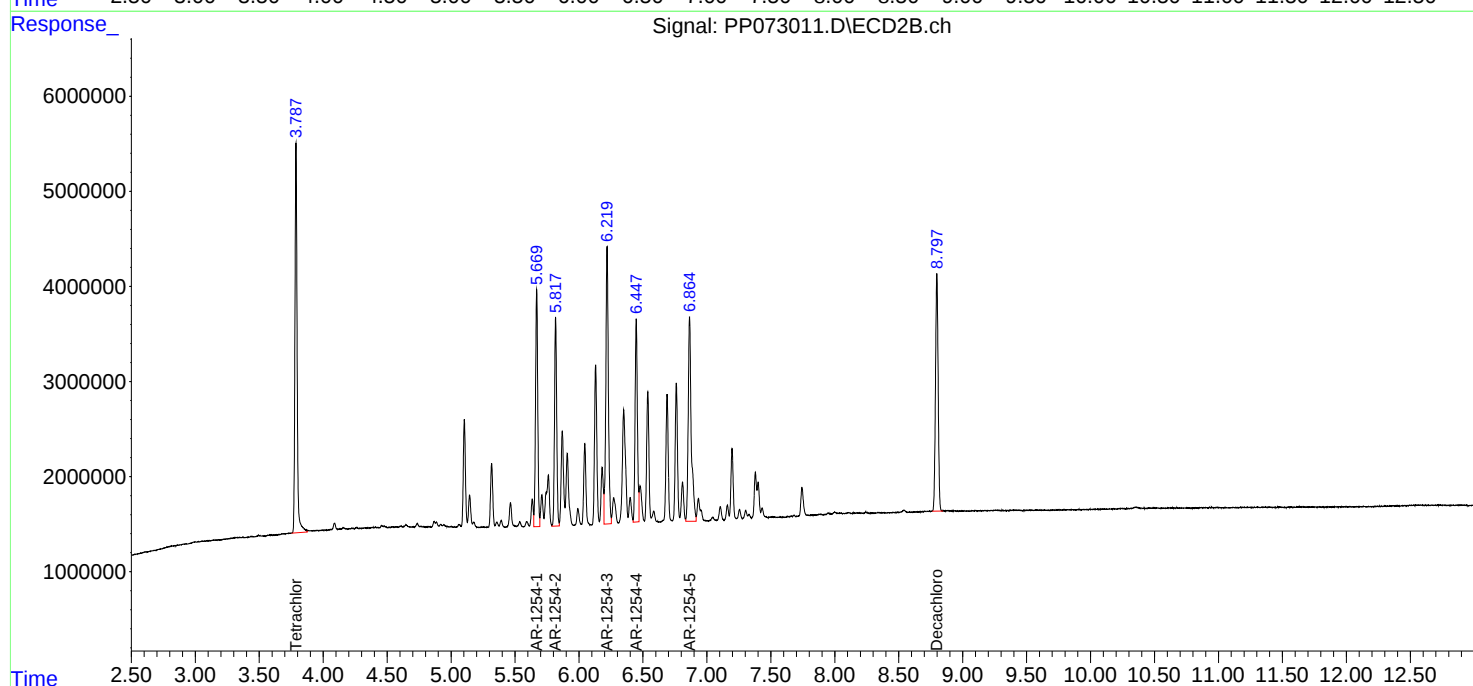
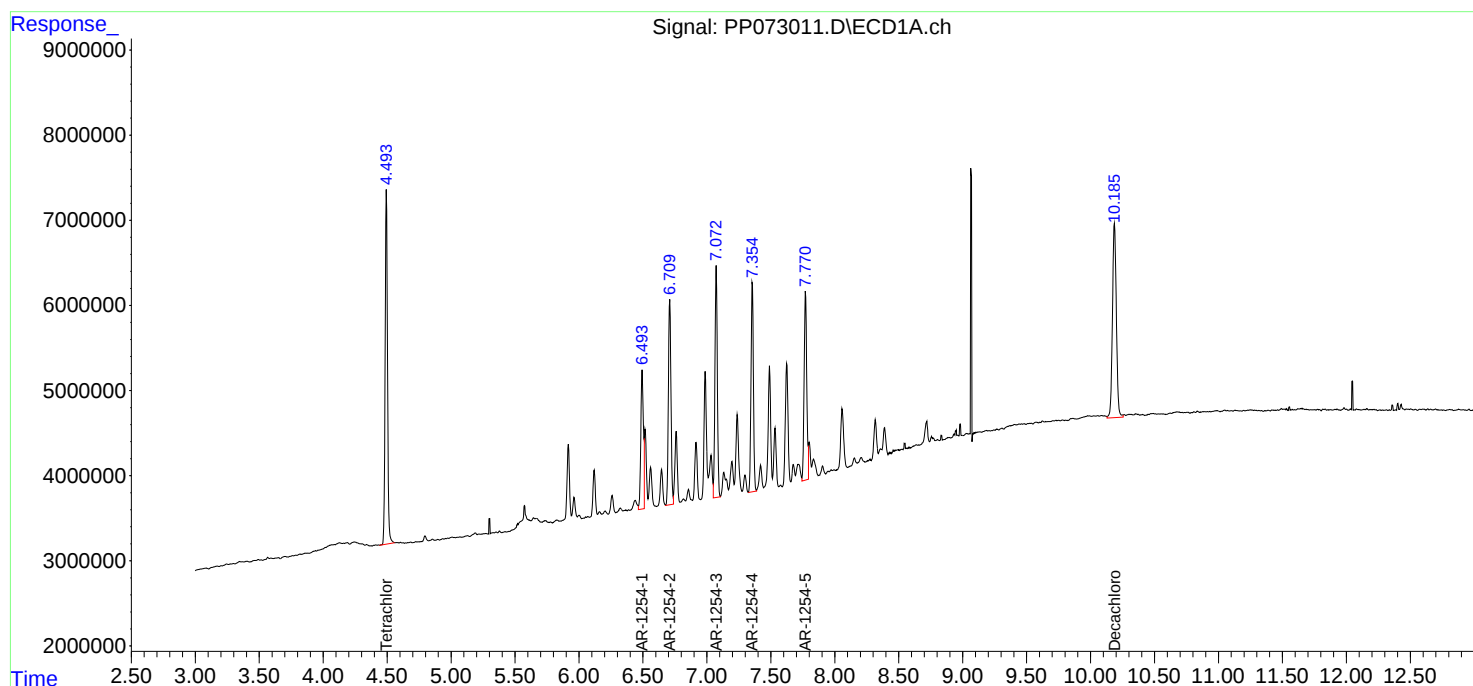
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

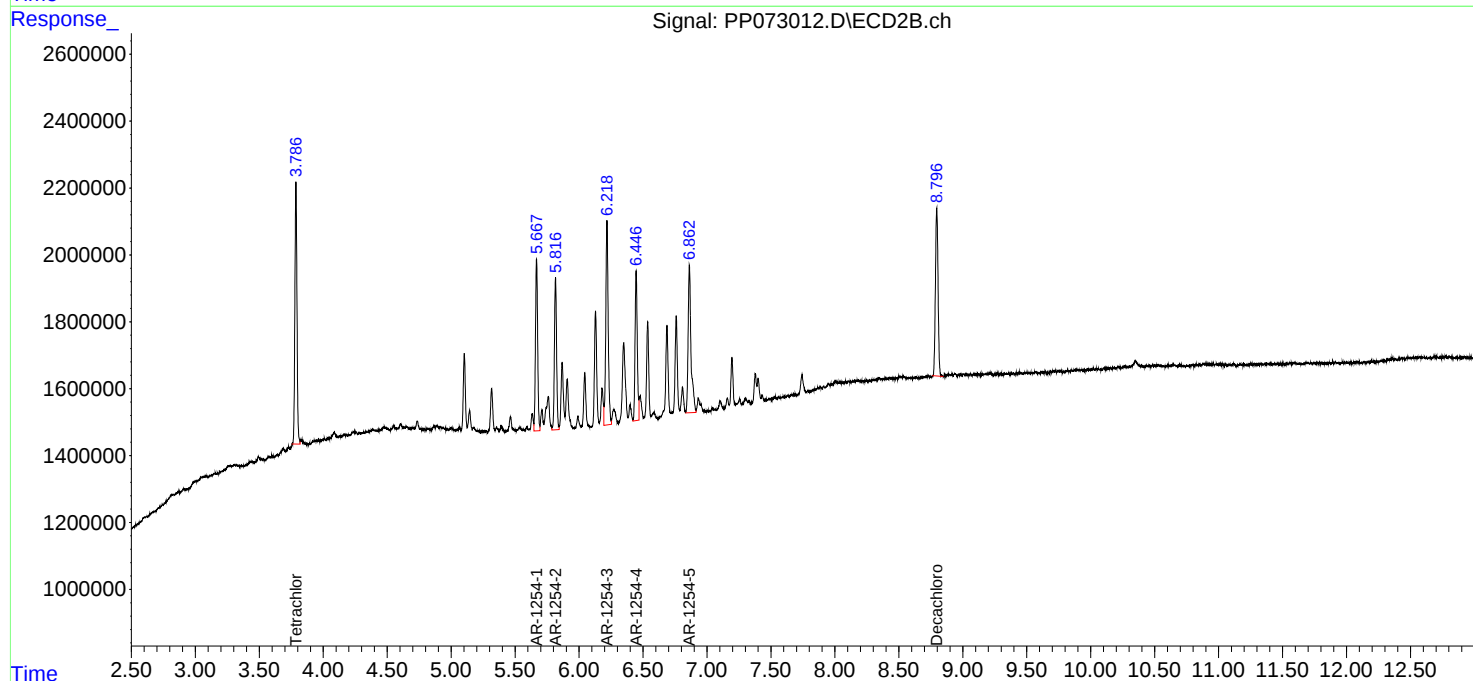
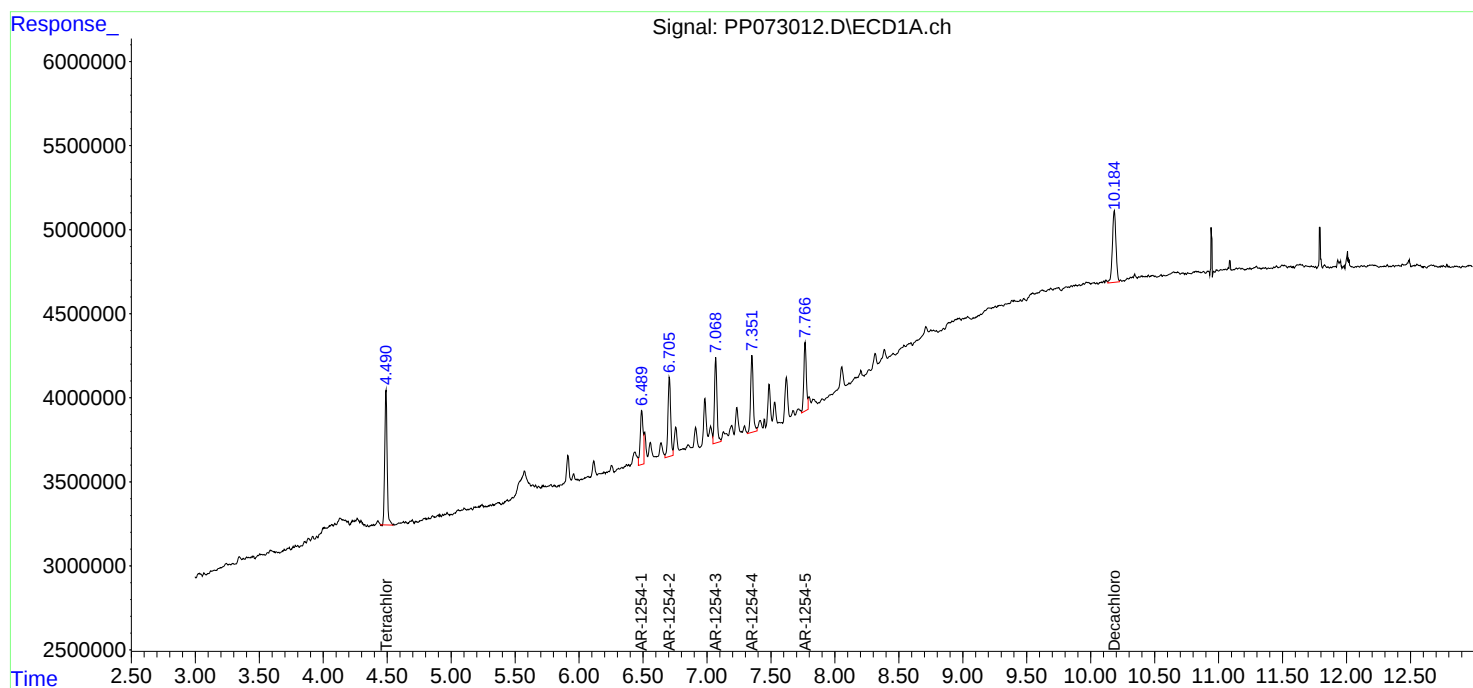
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

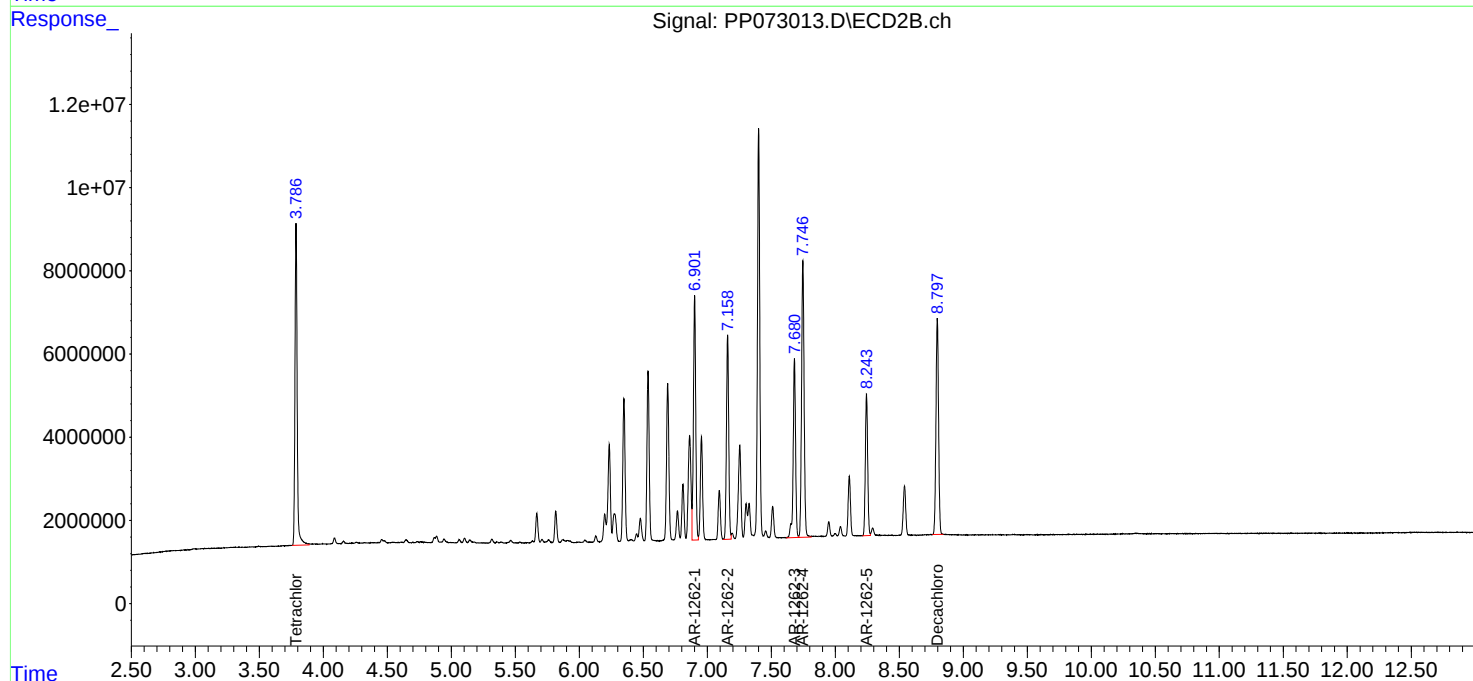
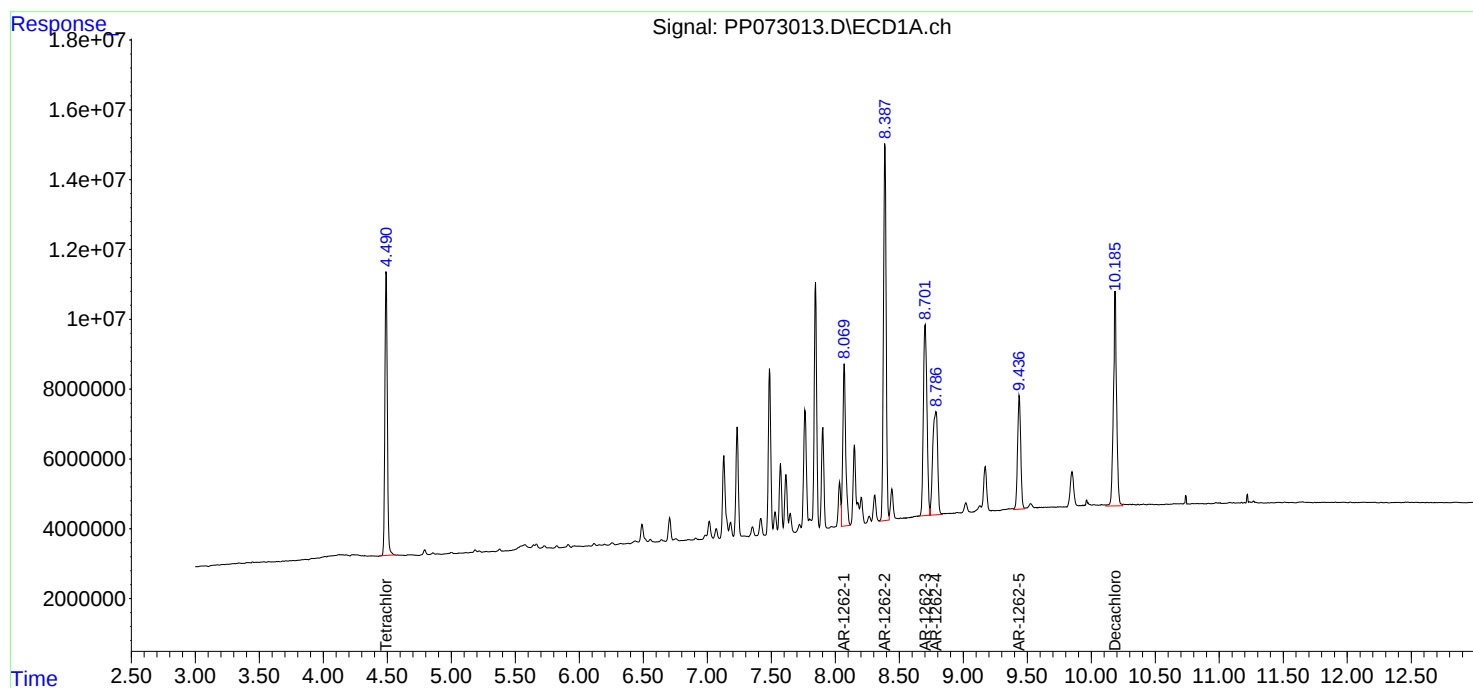
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 : 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

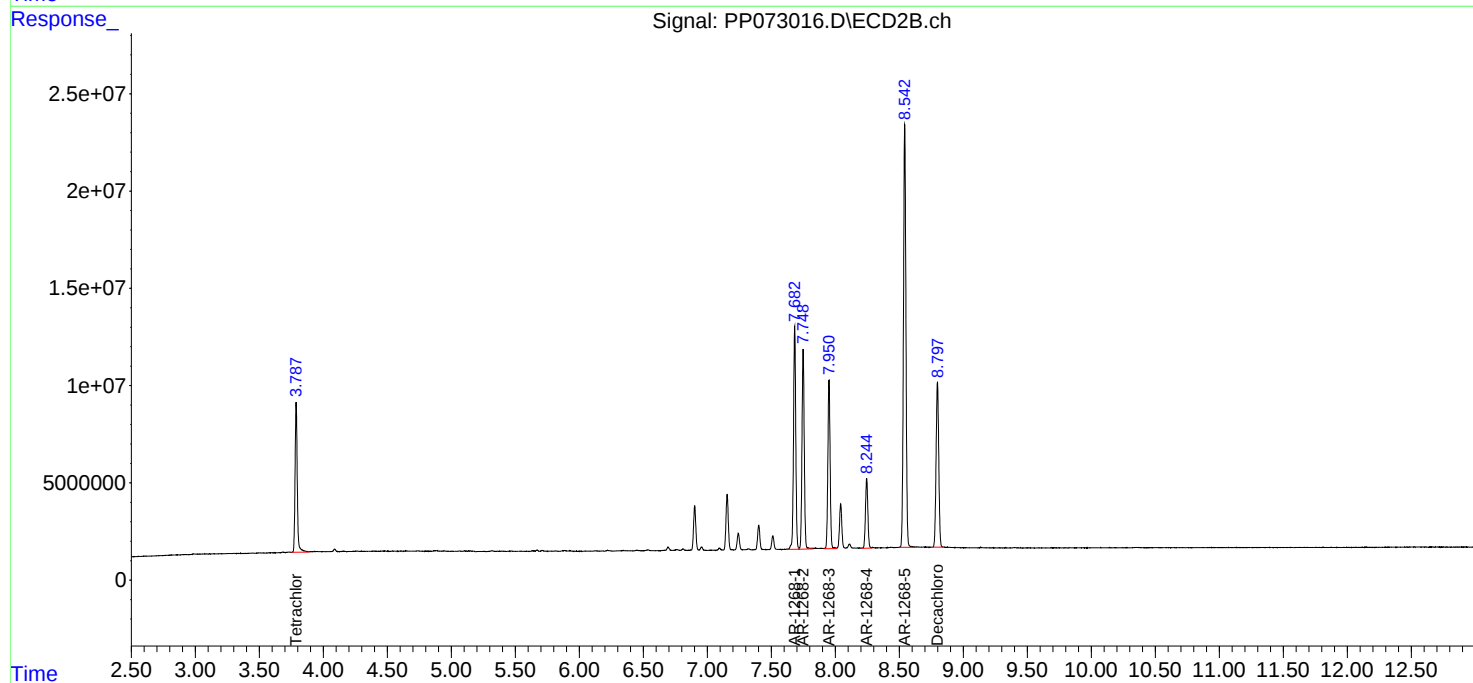
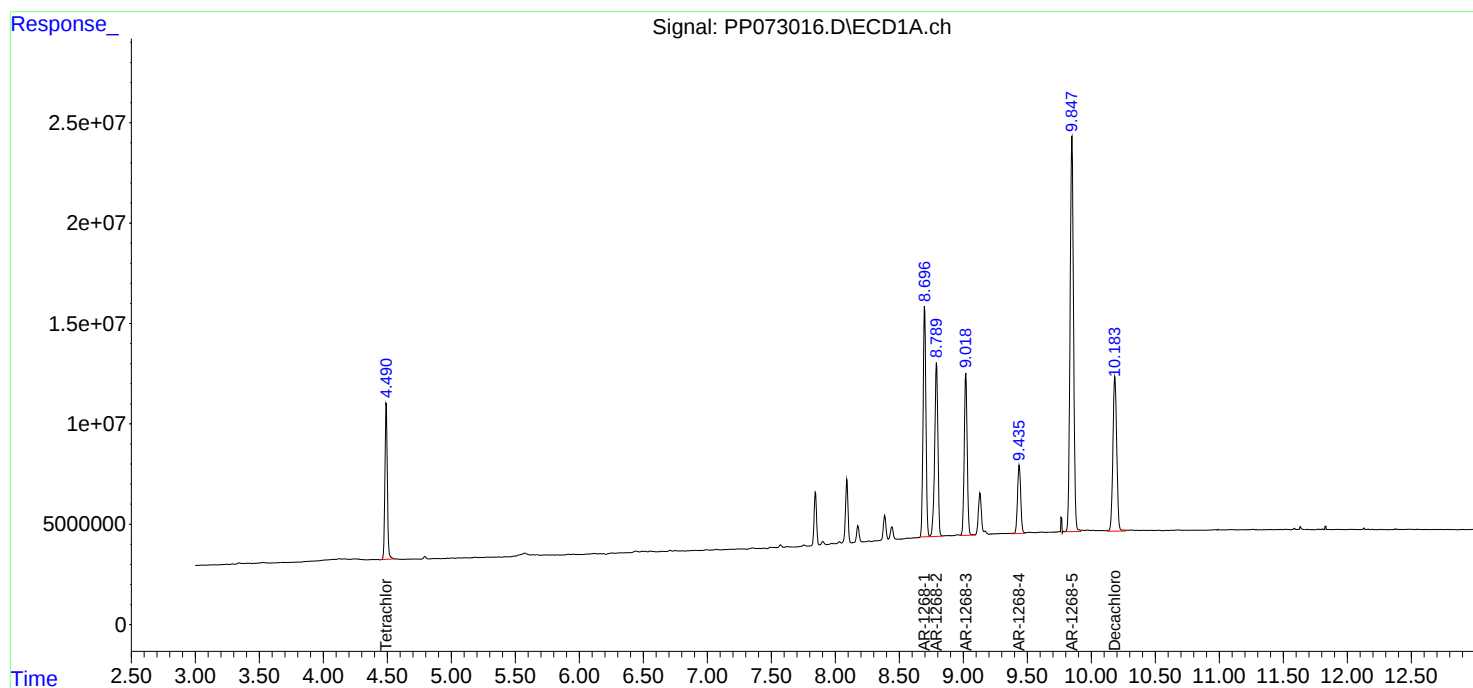
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 : 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

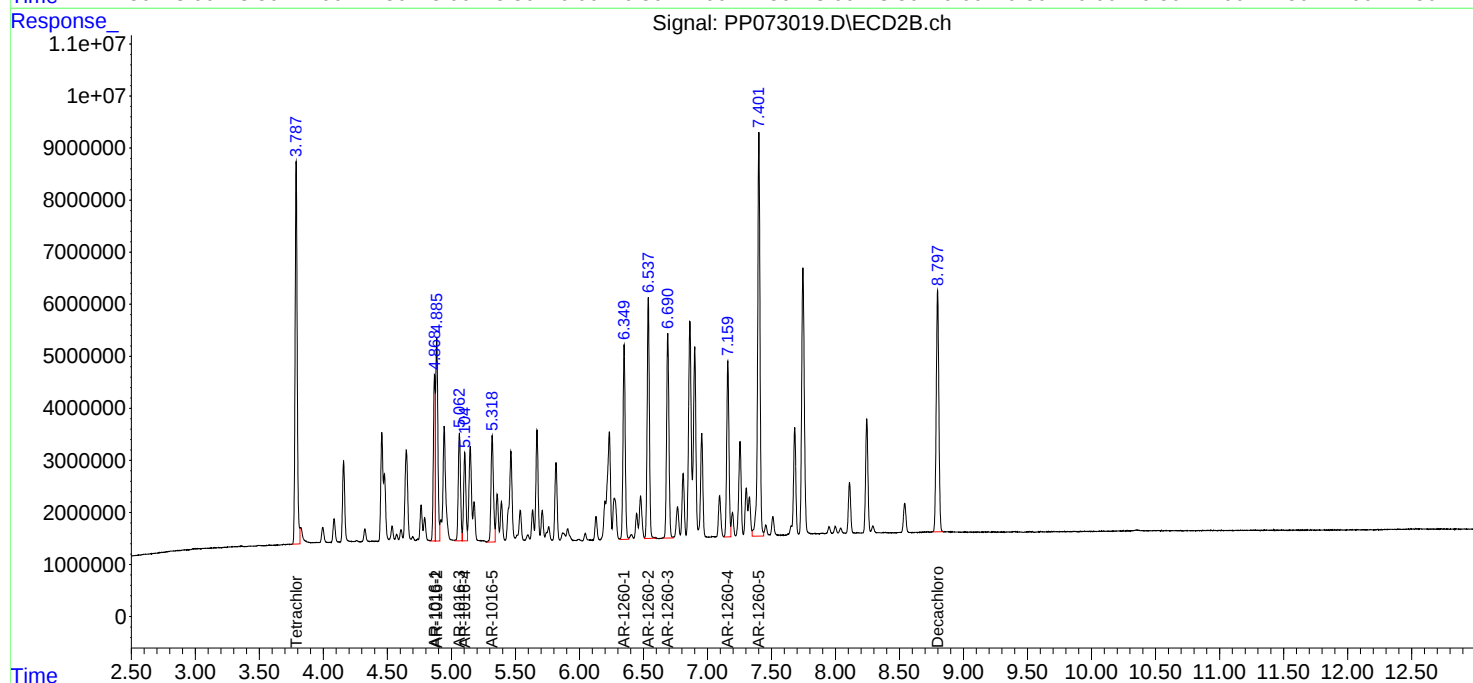
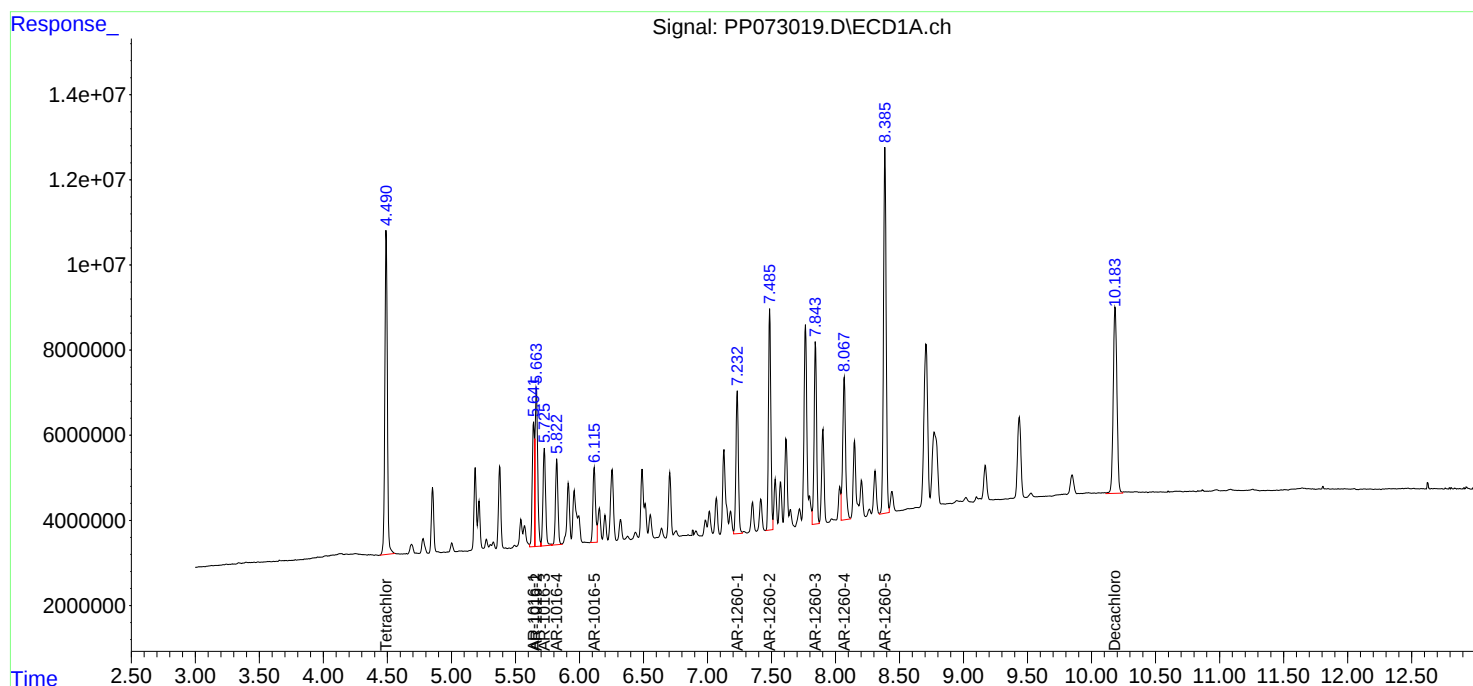
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

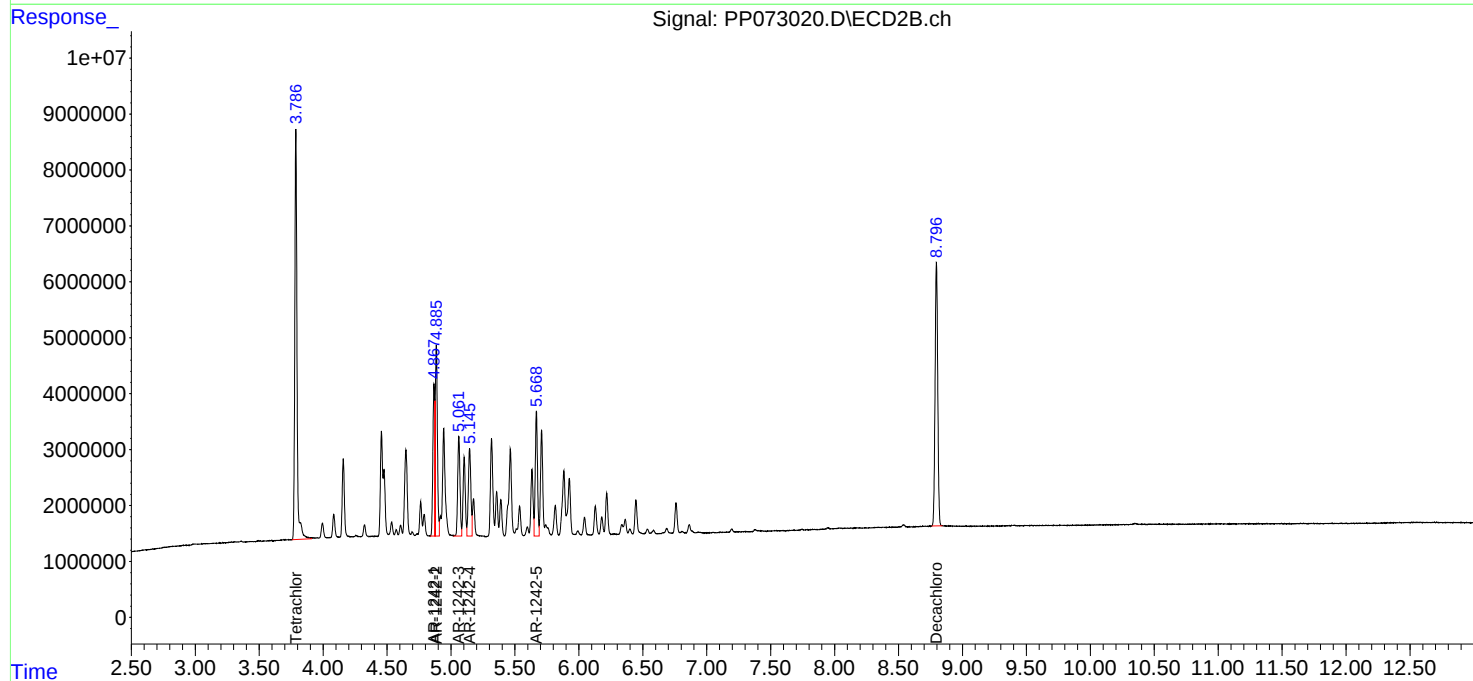
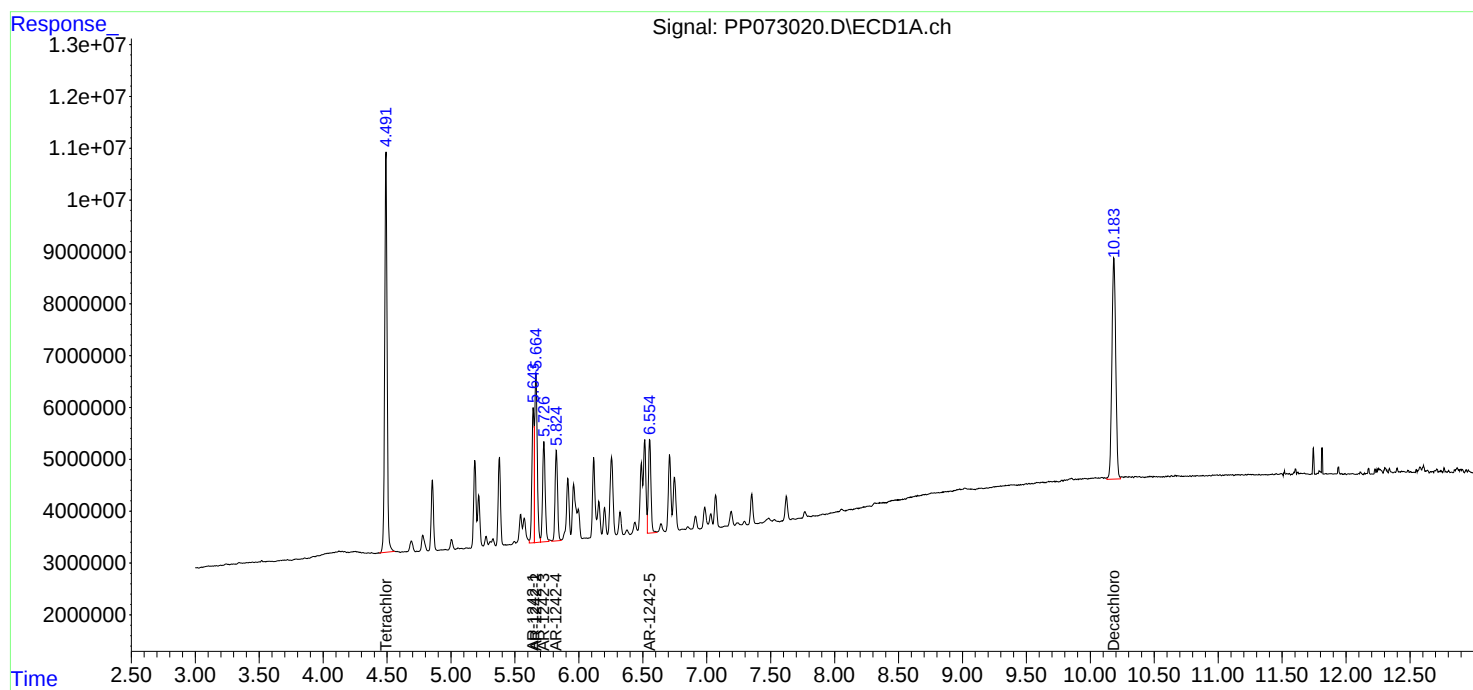
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

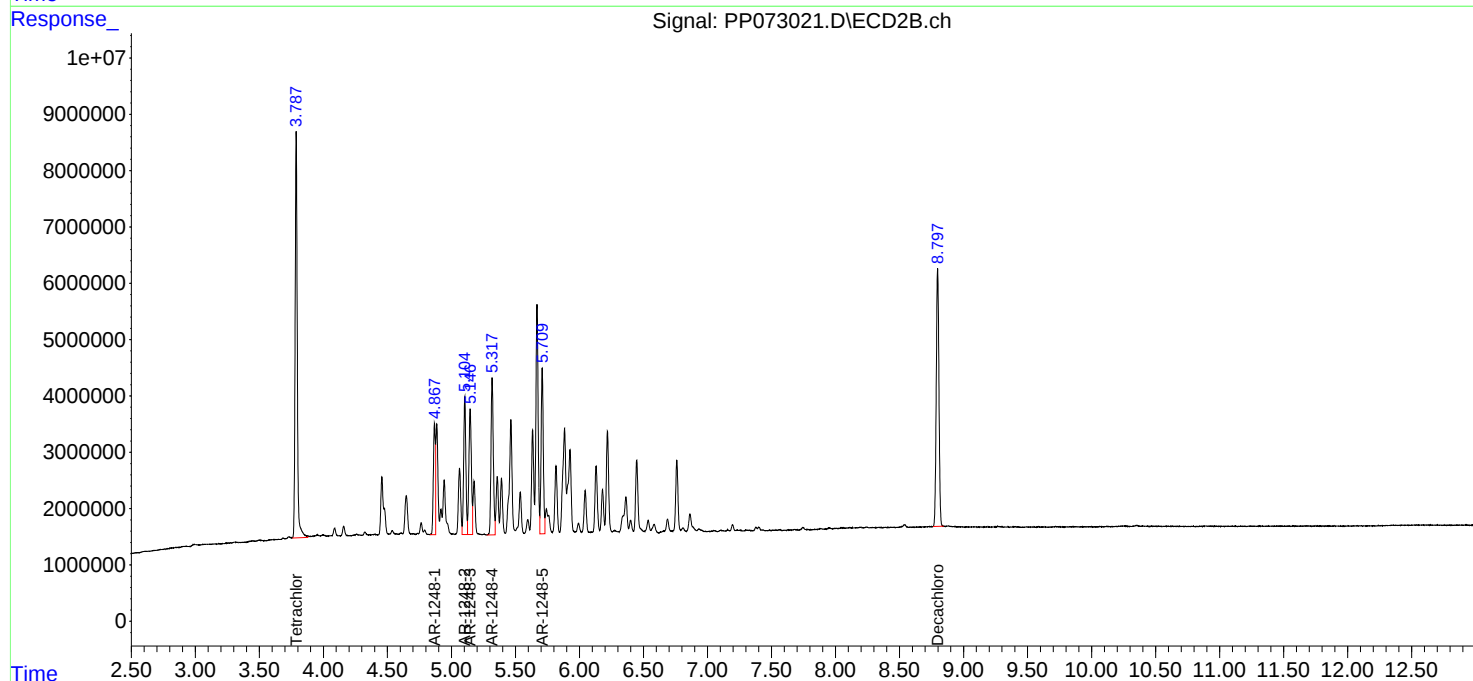
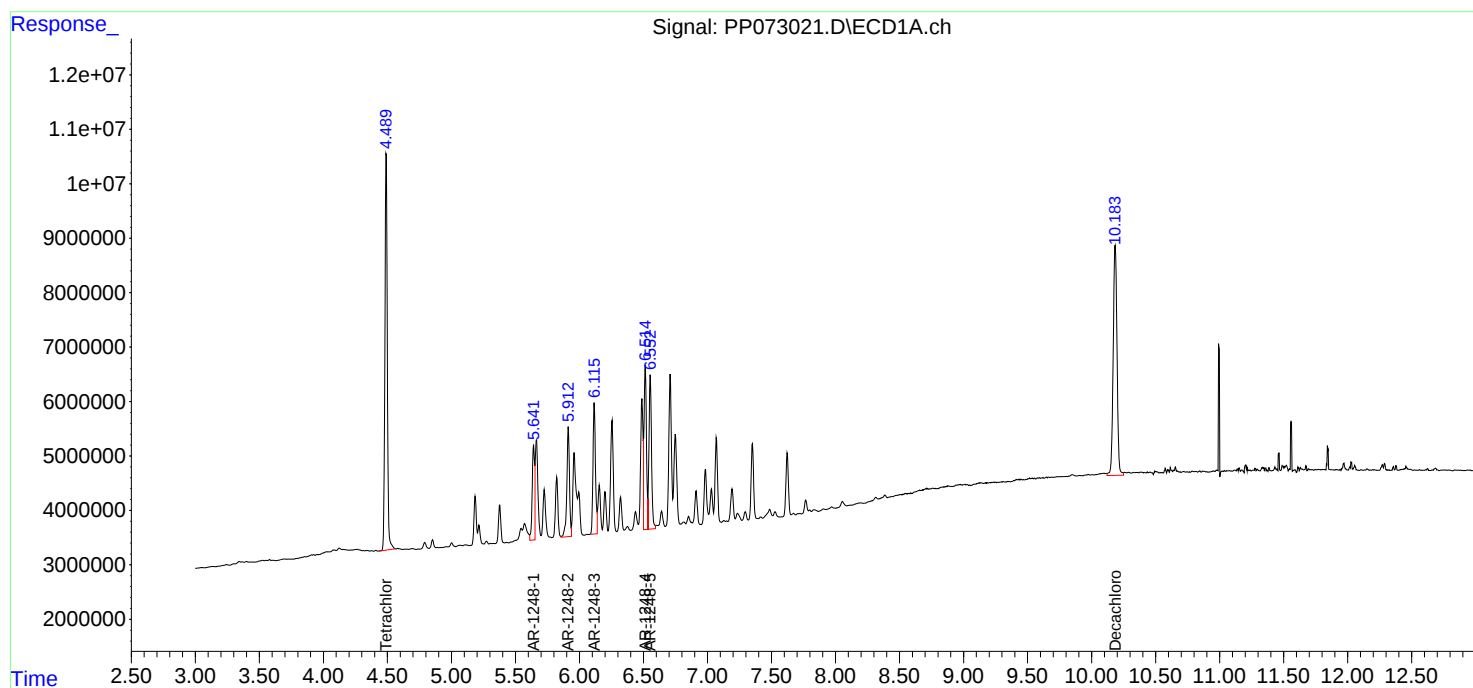
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

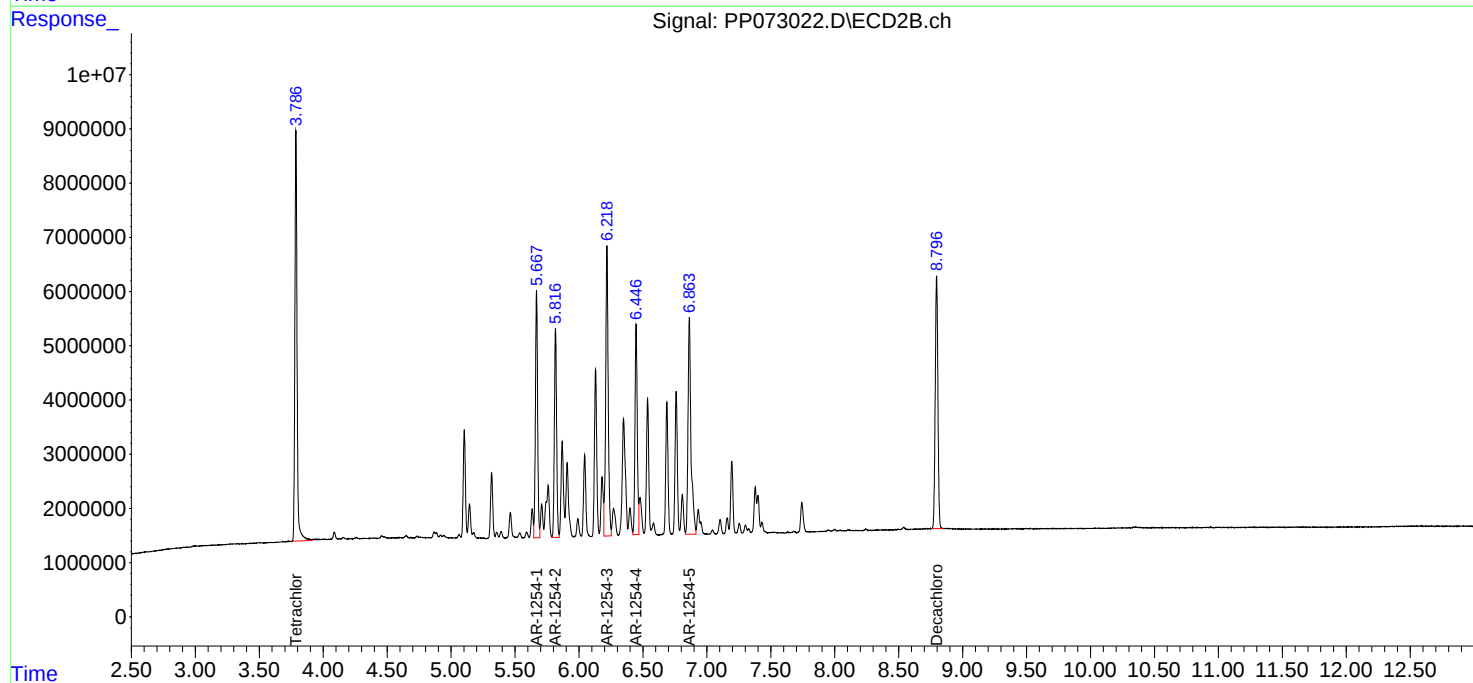
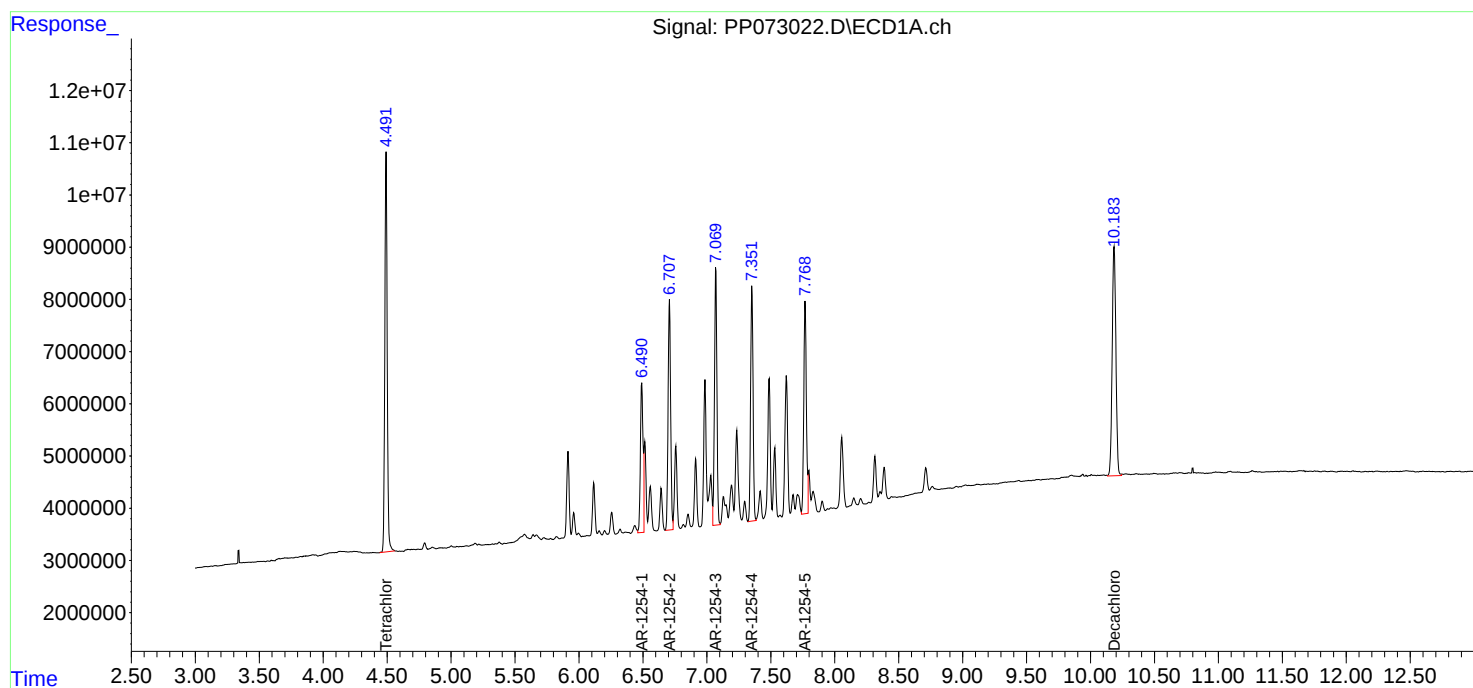
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

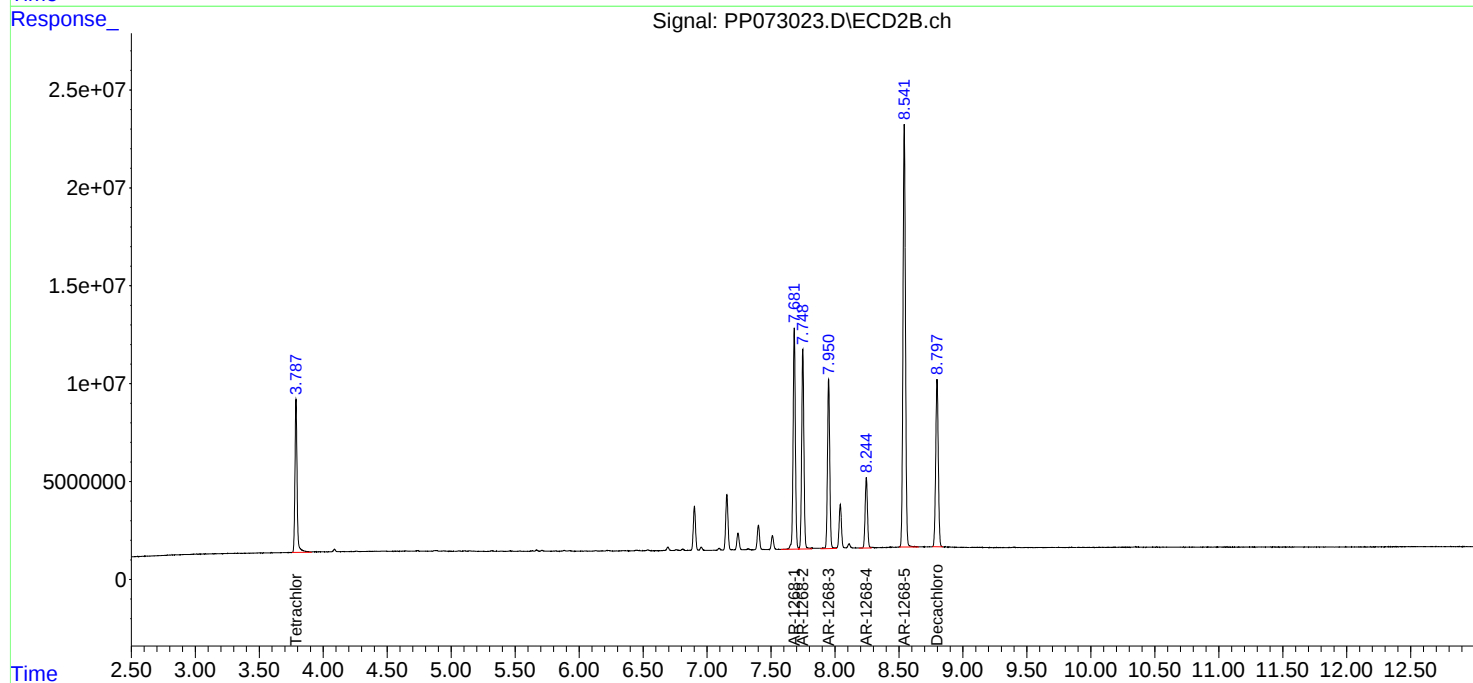
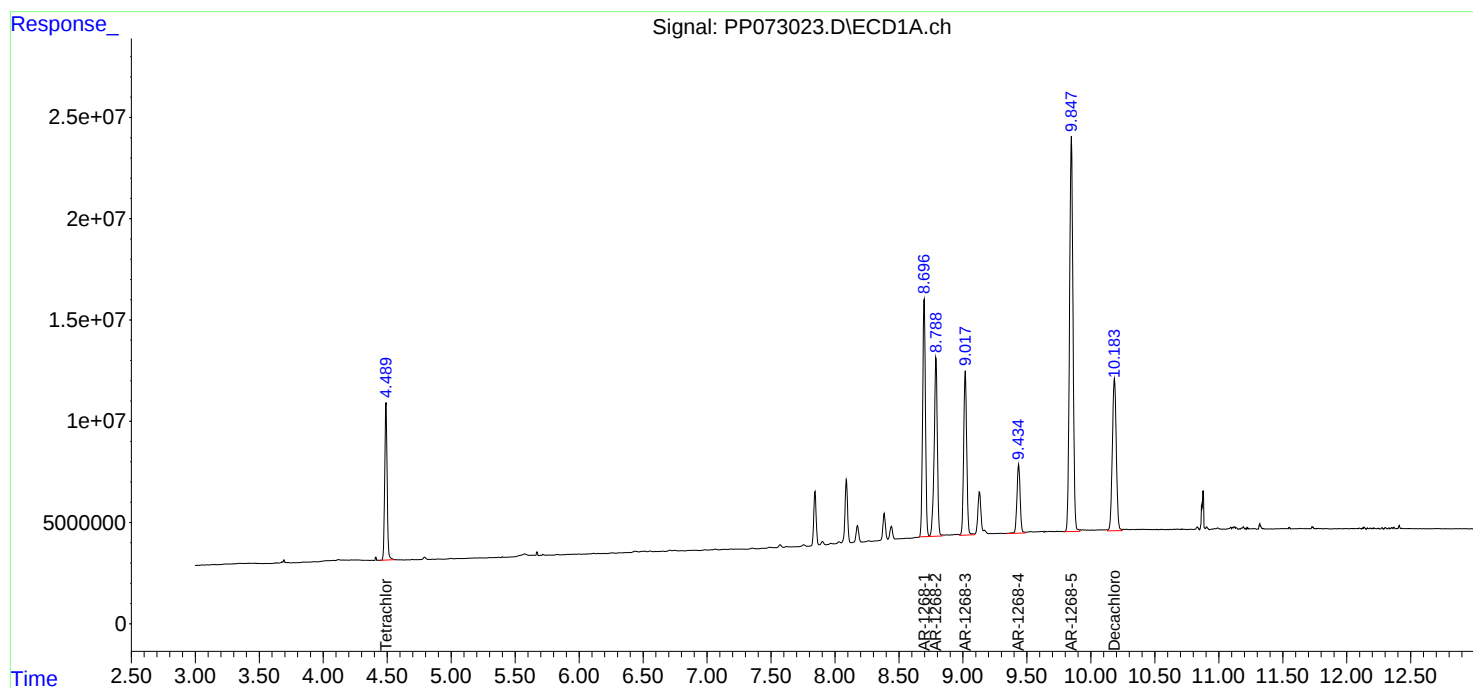
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:13 Initial Calibration Time(s): 10:04 19:37

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)	5.72	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	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)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.06	8.07	7.97	8.17	0.01
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
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: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 09:13 Initial Calibration Time(s): 10:04 19:37

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.86	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	0.01
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)	6.34	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)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.16	7.06	7.26	0.01
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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

Client Sample No.: CCAL01 Date Analyzed: 06/27/2025

Lab Sample No.: AR1660CCC500 Data File : PP073315.D Time Analyzed: 09:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.640	5.546	5.746	453.800	500.000	-9.2
Aroclor-1016-2	5.661	5.567	5.767	482.630	500.000	-3.5
Aroclor-1016-3	5.723	5.629	5.829	481.630	500.000	-3.7
Aroclor-1016-4	5.820	5.727	5.927	511.310	500.000	2.3
Aroclor-1016-5	6.112	6.019	6.219	481.930	500.000	-3.6
Aroclor-1260-1	7.228	7.136	7.336	481.910	500.000	-3.6
Aroclor-1260-2	7.482	7.389	7.589	482.230	500.000	-3.6
Aroclor-1260-3	7.840	7.747	7.947	467.900	500.000	-6.4
Aroclor-1260-4	8.064	7.971	8.171	464.110	500.000	-7.2
Aroclor-1260-5	8.381	8.288	8.488	450.140	500.000	-10.0
Decachlorobiphenyl	10.177	10.087	10.287	47.460	50.000	-5.1
Tetrachloro-m-xylene	4.489	4.394	4.594	46.400	50.000	-7.2



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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

Client Sample No.: CCAL01 Date Analyzed: 06/27/2025

Lab Sample No.: AR1660CCC500 Data File : PP073315.D Time Analyzed: 09:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.862	4.768	4.968	449.750	500.000	-10.1
Aroclor-1016-2	4.879	4.786	4.986	462.170	500.000	-7.6
Aroclor-1016-3	5.055	4.962	5.162	463.070	500.000	-7.4
Aroclor-1016-4	5.097	5.004	5.204	461.810	500.000	-7.6
Aroclor-1016-5	5.310	5.218	5.418	469.570	500.000	-6.1
Aroclor-1260-1	6.340	6.249	6.449	465.970	500.000	-6.8
Aroclor-1260-2	6.529	6.438	6.638	468.650	500.000	-6.3
Aroclor-1260-3	6.681	6.589	6.789	458.070	500.000	-8.4
Aroclor-1260-4	7.151	7.060	7.260	465.450	500.000	-6.9
Aroclor-1260-5	7.393	7.302	7.502	457.350	500.000	-8.5
Decachlorobiphenyl	8.786	8.697	8.897	48.600	50.000	-2.8
Tetrachloro-m-xylene	3.783	3.688	3.888	44.930	50.000	-10.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
 Data File : PP073315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 09:13
 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 27 10:48:51 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	3.783	97942717	80960030	46.401	44.933
2)	SA Decachlor...	10.177	8.786	81107494	64864059	47.462	48.598m
Target Compounds							
3)	L1 AR-1016-1	5.640	4.862	32978379	30905683	453.800	449.749
4)	L1 AR-1016-2	5.661	4.879	50203333	46511705	482.628	462.166
5)	L1 AR-1016-3	5.723	5.055	31473420	25337614	481.625	463.073
6)	L1 AR-1016-4	5.820	5.097	26731925	20573624	511.314	461.814
7)	L1 AR-1016-5	6.112	5.310	24098806	25959119	481.927	469.574
31)	L7 AR-1260-1	7.228	6.340	42510567	44141591	481.906	465.970
32)	L7 AR-1260-2	7.482	6.529	65526547	54567682	482.225	468.648
33)	L7 AR-1260-3	7.840	6.681	53411555	47712549	467.898	458.065
34)	L7 AR-1260-4	8.064	7.151	47824653	40837648	464.112	465.447
35)	L7 AR-1260-5	8.381	7.393	108.3E6	97597620	450.144	457.345

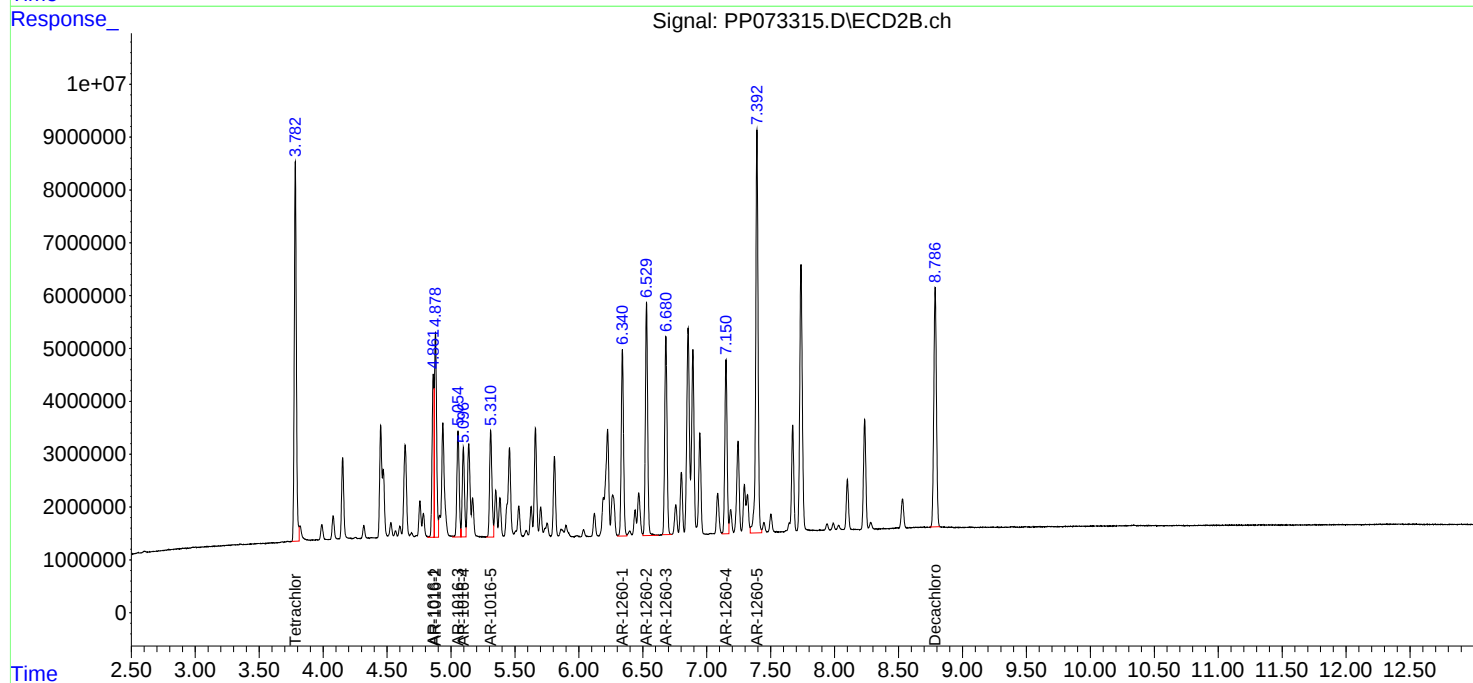
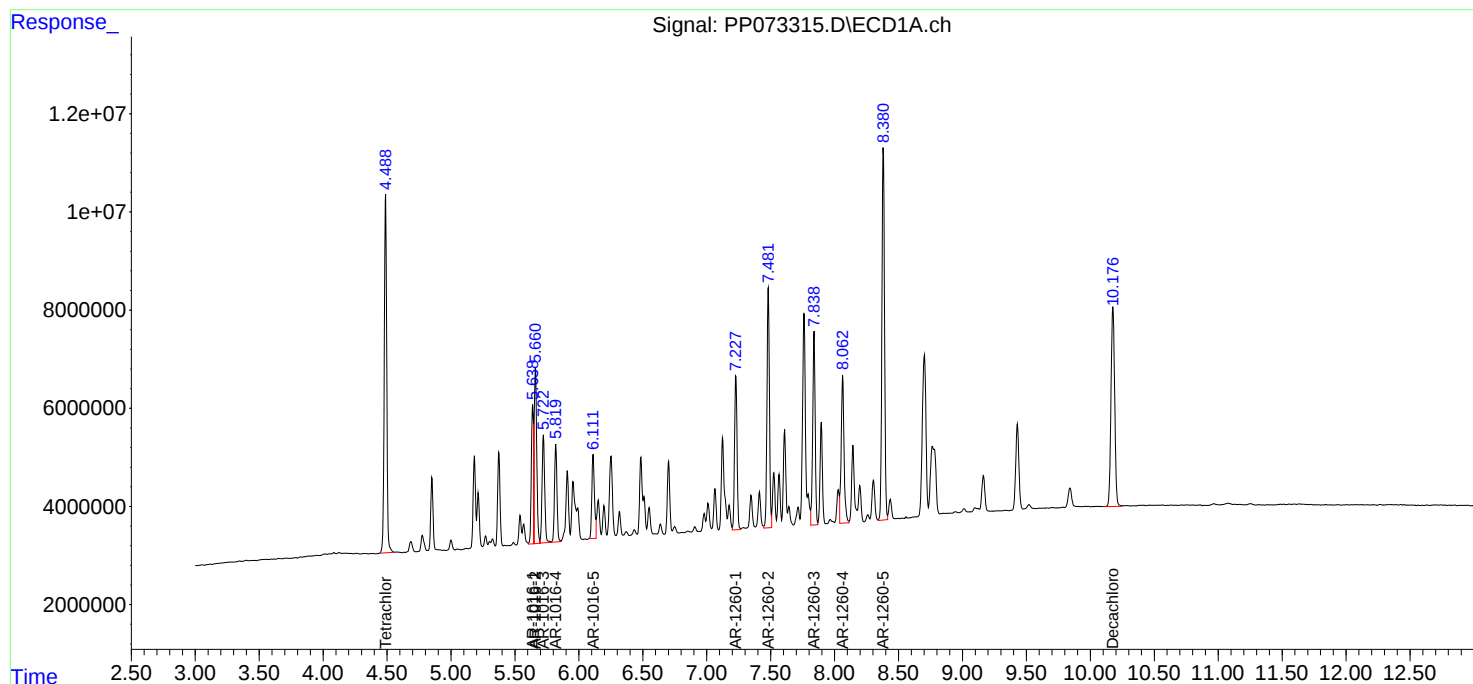
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 09:13
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 27 10:48:51 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 16:46 Initial Calibration Time(s): 10:04 19:37

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	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	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)	8.38	8.39	8.29	8.49	0.01
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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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 16:46 Initial Calibration Time(s): 10:04 19:37

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	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)	6.34	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)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.16	7.06	7.26	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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

Client Sample No.: CCAL02 Date Analyzed: 06/27/2025

Lab Sample No.: AR1660CCC500 Data File : PP073329.D Time Analyzed: 16:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.642	5.546	5.746	409.590	500.000	-18.1
Aroclor-1016-2	5.663	5.567	5.767	441.080	500.000	-11.8
Aroclor-1016-3	5.725	5.629	5.829	420.560	500.000	-15.9
Aroclor-1016-4	5.822	5.727	5.927	441.350	500.000	-11.7
Aroclor-1016-5	6.114	6.019	6.219	429.890	500.000	-14.0
Aroclor-1260-1	7.230	7.136	7.336	455.300	500.000	-8.9
Aroclor-1260-2	7.485	7.389	7.589	452.950	500.000	-9.4
Aroclor-1260-3	7.842	7.747	7.947	431.750	500.000	-13.7
Aroclor-1260-4	8.066	7.971	8.171	421.940	500.000	-15.6
Aroclor-1260-5	8.383	8.288	8.488	416.460	500.000	-16.7
Decachlorobiphenyl	10.179	10.087	10.287	44.090	50.000	-11.8
Tetrachloro-m-xylene	4.490	4.394	4.594	42.330	50.000	-15.3



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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

Client Sample No.: CCAL02 Date Analyzed: 06/27/2025

Lab Sample No.: AR1660CCC500 Data File : PP073329.D Time Analyzed: 16:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.863	4.768	4.968	412.820	500.000	-17.4
Aroclor-1016-2	4.881	4.786	4.986	411.940	500.000	-17.6
Aroclor-1016-3	5.057	4.962	5.162	406.130	500.000	-18.8
Aroclor-1016-4	5.099	5.004	5.204	405.400	500.000	-18.9
Aroclor-1016-5	5.312	5.218	5.418	418.410	500.000	-16.3
Aroclor-1260-1	6.343	6.249	6.449	412.060	500.000	-17.6
Aroclor-1260-2	6.531	6.438	6.638	425.960	500.000	-14.8
Aroclor-1260-3	6.683	6.589	6.789	408.460	500.000	-18.3
Aroclor-1260-4	7.153	7.060	7.260	416.930	500.000	-16.6
Aroclor-1260-5	7.395	7.302	7.502	411.320	500.000	-17.7
Decachlorobiphenyl	8.788	8.697	8.897	43.670	50.000	-12.7
Tetrachloro-m-xylene	3.784	3.688	3.888	41.990	50.000	-16.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
 Data File : PP073329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 16:46
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:20:04 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	89349515	75656324	42.330	41.989
2) SA Decachlor...	10.179	8.788	75343233	58280747	44.089m	43.665m
Target Compounds						
3) L1 AR-1016-1	5.642	4.863	29765471	28368351	409.589	412.825
4) L1 AR-1016-2	5.663	4.881	45881532	41457355	441.081	411.943
5) L1 AR-1016-3	5.725	5.057	27483065	22221952	420.562	406.131
6) L1 AR-1016-4	5.822	5.099	23074155	18060260	441.350	405.397
7) L1 AR-1016-5	6.114	5.312	21496899	23130914	429.894	418.414
31) L7 AR-1260-1	7.230	6.343	40163315	39034619	455.297	412.059
32) L7 AR-1260-2	7.485	6.531	61548537	49597247	452.950	425.960
33) L7 AR-1260-3	7.842	6.683	49285598	42545419	431.753	408.458
34) L7 AR-1260-4	8.066	7.153	43479084	36580615	421.941	416.928
35) L7 AR-1260-5	8.383	7.395	100.2E6	87774948	416.457	411.316

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 16:46
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

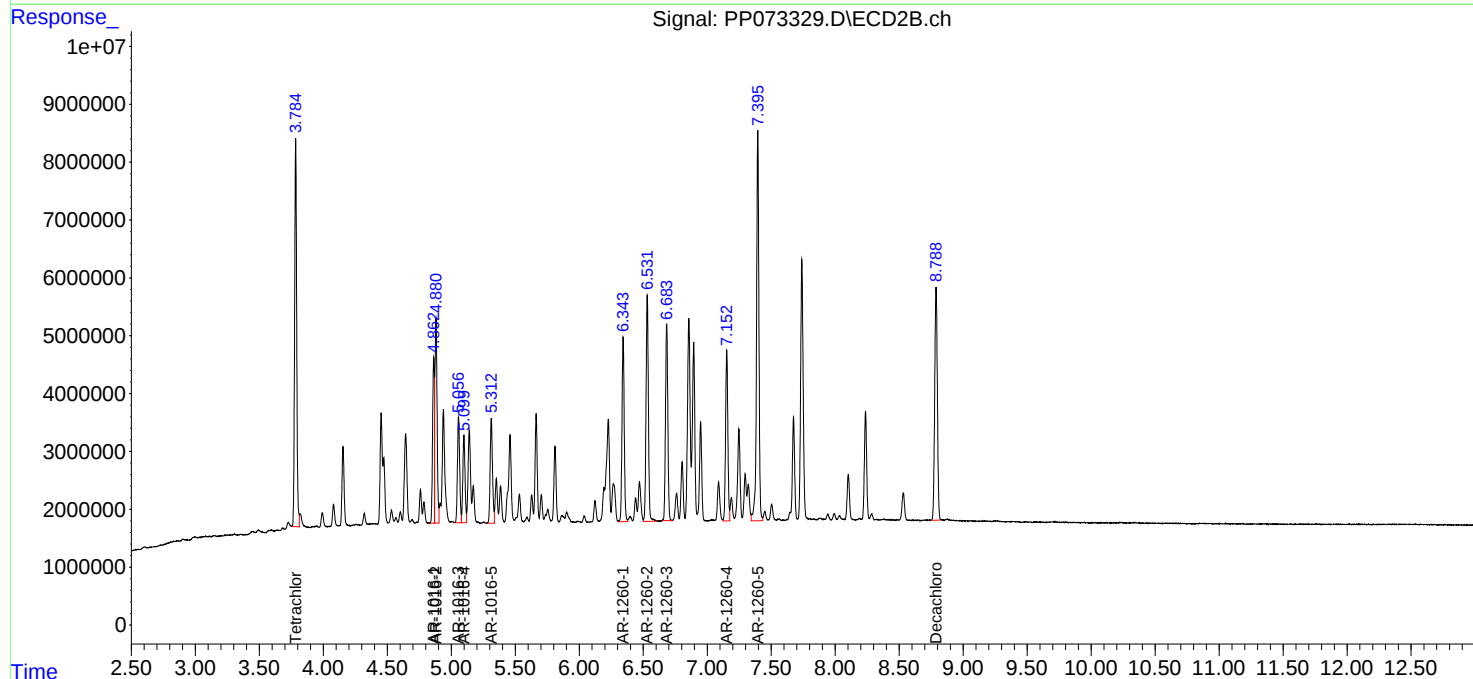
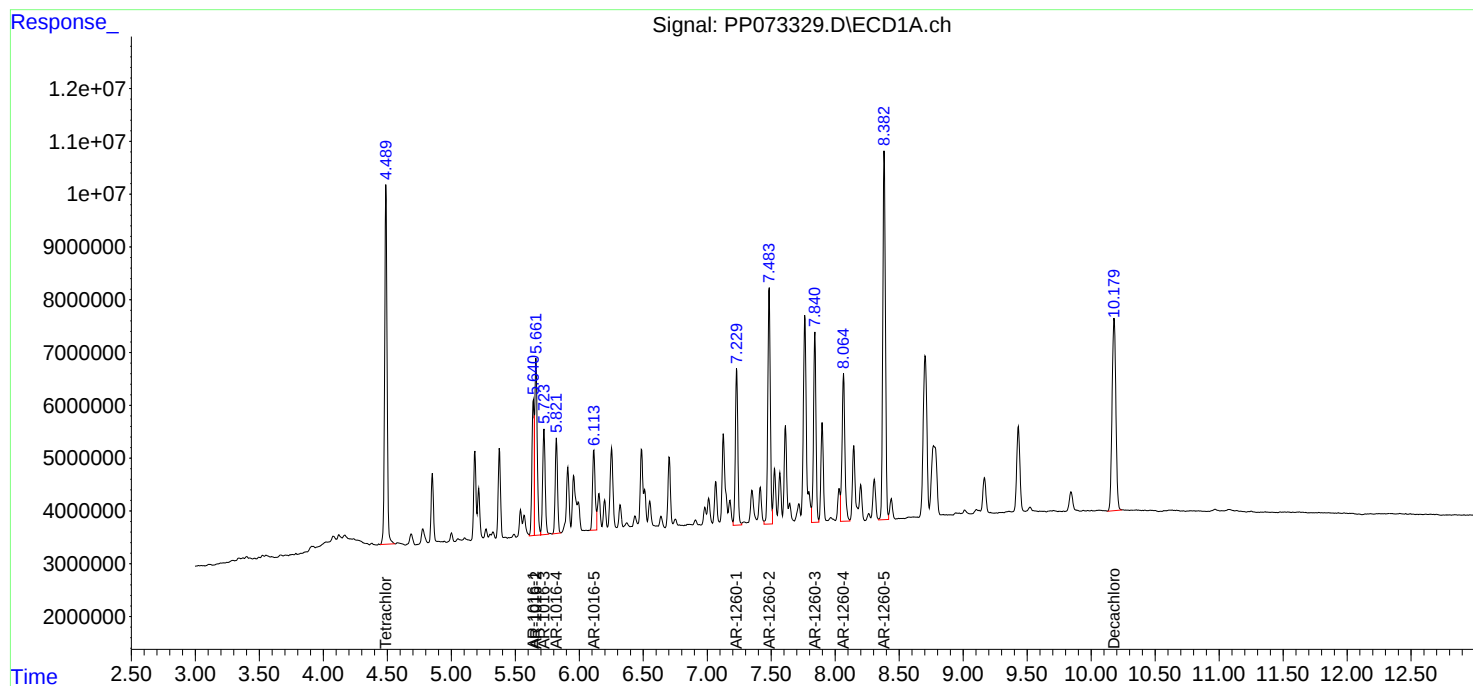
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:20:04 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: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 22:13 Initial Calibration Time(s): 10:04 19:37

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)	5.72	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	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)	7.48	7.49	7.39	7.59	0.01
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.06	8.07	7.97	8.17	0.01
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.17	10.19	10.09	10.29	0.02



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 22:13 Initial Calibration Time(s): 10:04 19:37

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	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)	6.34	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)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.16	7.06	7.26	0.01
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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

Client Sample No.: CCAL03 Date Analyzed: 06/27/2025

Lab Sample No.: AR1660CCC500 Data File : PP073345.D Time Analyzed: 22:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.638	5.546	5.746	432.490	500.000	-13.5
Aroclor-1016-2	5.659	5.567	5.767	460.330	500.000	-7.9
Aroclor-1016-3	5.721	5.629	5.829	456.640	500.000	-8.7
Aroclor-1016-4	5.818	5.727	5.927	479.780	500.000	-4.0
Aroclor-1016-5	6.110	6.019	6.219	451.140	500.000	-9.8
Aroclor-1260-1	7.227	7.136	7.336	472.570	500.000	-5.5
Aroclor-1260-2	7.480	7.389	7.589	452.070	500.000	-9.6
Aroclor-1260-3	7.838	7.747	7.947	442.770	500.000	-11.4
Aroclor-1260-4	8.062	7.971	8.171	443.420	500.000	-11.3
Aroclor-1260-5	8.380	8.288	8.488	435.790	500.000	-12.8
Decachlorobiphenyl	10.174	10.087	10.287	45.500	50.000	-9.0
Tetrachloro-m-xylene	4.487	4.394	4.594	43.270	50.000	-13.5



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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

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

Client Sample No.: CCAL03 Date Analyzed: 06/27/2025

Lab Sample No.: AR1660CCC500 Data File : PP073345.D Time Analyzed: 22:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.862	4.768	4.968	446.220	500.000	-10.8
Aroclor-1016-2	4.880	4.786	4.986	449.690	500.000	-10.1
Aroclor-1016-3	5.056	4.962	5.162	449.220	500.000	-10.2
Aroclor-1016-4	5.098	5.004	5.204	450.630	500.000	-9.9
Aroclor-1016-5	5.311	5.218	5.418	464.140	500.000	-7.2
Aroclor-1260-1	6.341	6.249	6.449	464.610	500.000	-7.1
Aroclor-1260-2	6.529	6.438	6.638	475.500	500.000	-4.9
Aroclor-1260-3	6.681	6.589	6.789	462.110	500.000	-7.6
Aroclor-1260-4	7.151	7.060	7.260	462.150	500.000	-7.6
Aroclor-1260-5	7.393	7.302	7.502	465.070	500.000	-7.0
Decachlorobiphenyl	8.786	8.697	8.897	50.420	50.000	0.8
Tetrachloro-m-xylene	3.783	3.688	3.888	44.590	50.000	-10.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
 Data File : PP073345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 22:13
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:26:21 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...	4.487	3.783	91344968	80342828	43.275	44.590
2) SA Decachlor...	10.174	8.786	77751023	67294328	45.498	50.418m
Target Compounds						
3) L1 AR-1016-1	5.638	4.862	31429582	30663425	432.488	446.223
4) L1 AR-1016-2	5.659	4.880	47883686	45256377	460.329	449.692
5) L1 AR-1016-3	5.721	5.056	29840855	24579844	456.643	449.224
6) L1 AR-1016-4	5.818	5.098	25083128	20075376	479.777	450.630
7) L1 AR-1016-5	6.110	5.311	22559497	25658848	451.144	464.142
31) L7 AR-1260-1	7.227	6.341	41687137	44013112	472.572	464.613
32) L7 AR-1260-2	7.480	6.529	61429016	55365467	452.070	475.500
33) L7 AR-1260-3	7.838	6.681	50542607	48133877	442.765	462.110
34) L7 AR-1260-4	8.062	7.151	45692432	40548597	443.420	462.153
35) L7 AR-1260-5	8.380	7.393	104.9E6	99245577	435.785	465.067

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 22:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

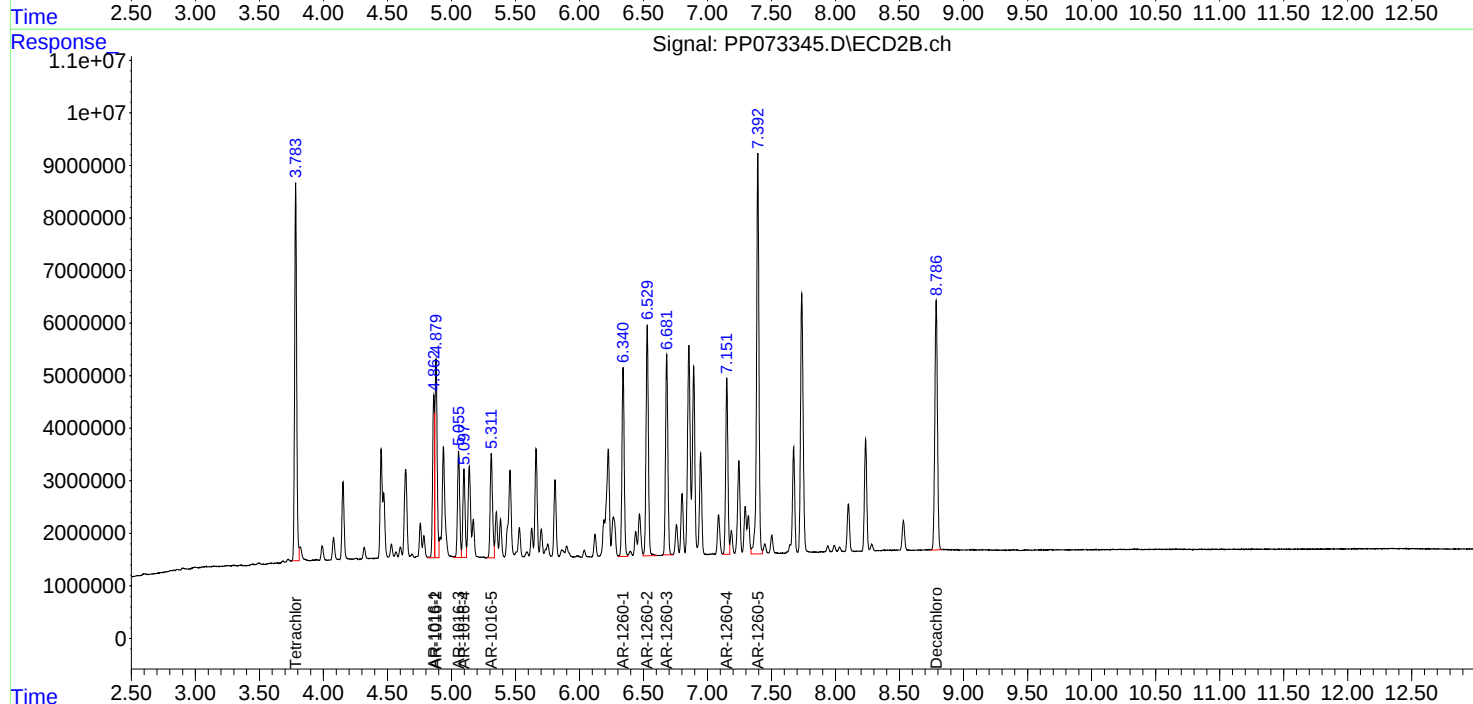
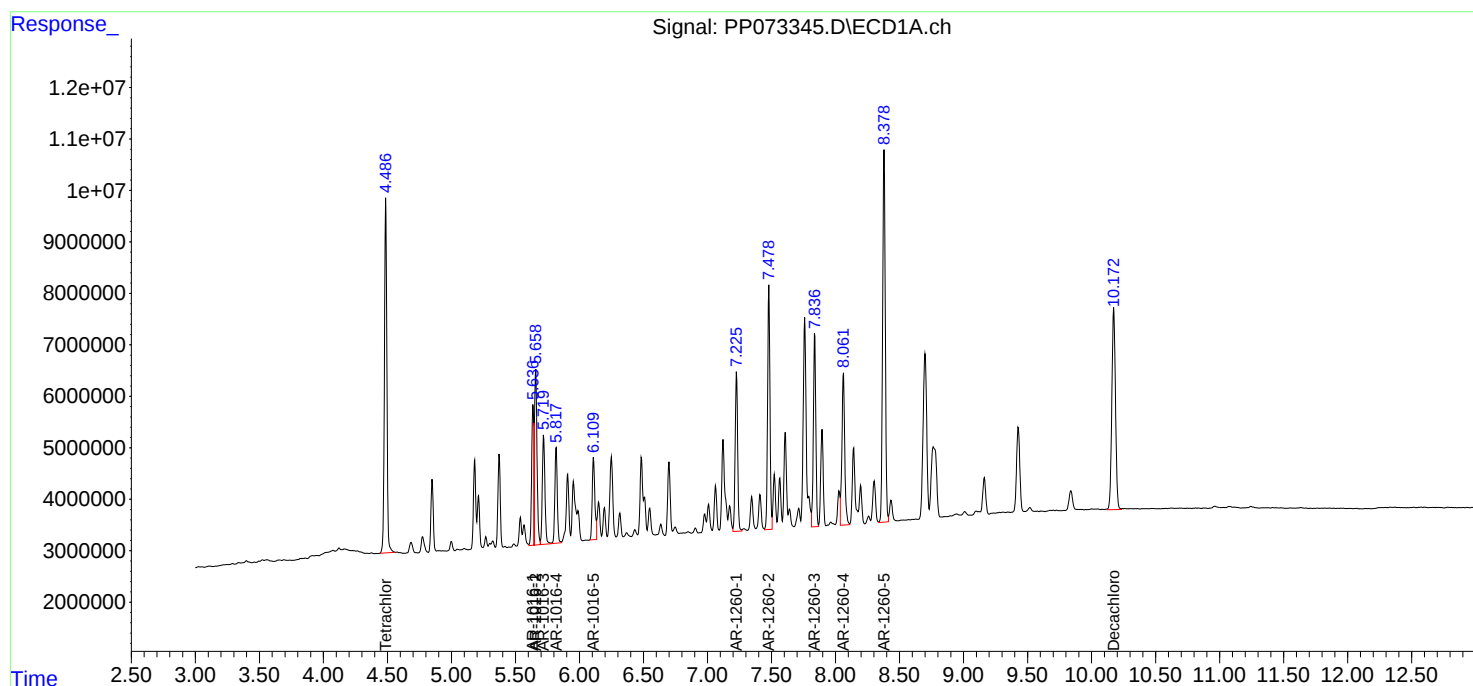
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:26:21 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



Analytical Sequence

Client: CDM Smith

SDG No.: Q2436

Project: South River WM Replacement

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
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	10.19	4.49
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	10.19	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
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/27/2025	09:13	PP073315.D	10.18	4.49
IBLK	IBLK	06/27/2025	10:35	PP073320.D	10.18	4.49
PB168636BL	PB168636BL	06/27/2025	14:20	PP073323.D	10.18	4.49
PB168636BS	PB168636BS	06/27/2025	14:36	PP073324.D	10.18	4.49
MH-E/FMS	Q2430-01MS	06/27/2025	15:25	PP073327.D	10.18	4.49
MH-E/FMSD	Q2430-01MSD	06/27/2025	15:41	PP073328.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/27/2025	16:46	PP073329.D	10.18	4.49
IBLK	IBLK	06/27/2025	18:24	PP073334.D	10.17	4.49
TP-70	Q2436-01	06/27/2025	18:41	PP073335.D	10.18	4.49
TP-69	Q2436-02	06/27/2025	18:57	PP073336.D	10.18	4.49
TP-85	Q2436-03	06/27/2025	19:13	PP073337.D	10.18	4.49
TP-86	Q2436-04	06/27/2025	19:29	PP073338.D	10.17	4.49
TP-84	Q2436-05	06/27/2025	19:46	PP073339.D	10.18	4.49
TP-83	Q2436-06	06/27/2025	20:02	PP073340.D	10.17	4.49
TP-87	Q2436-07	06/27/2025	20:18	PP073341.D	10.17	4.49
TP-100	Q2436-08	06/27/2025	20:35	PP073342.D	10.17	4.49
TP-99	Q2436-09	06/27/2025	20:51	PP073343.D	10.18	4.49
TP-82	Q2436-10	06/27/2025	21:07	PP073344.D	10.17	4.49
AR1660CCC500	AR1660CCC500	06/27/2025	22:13	PP073345.D	10.17	4.49
IBLK	IBLK	06/27/2025	23:51	PP073350.D	10.18	4.49

Analytical Sequence

Client: CDM Smith	SDG No.: Q2436
Project: South River WM Replacement	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
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	8.80	3.79
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.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
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/27/2025	09:13	PP073315.D	8.79	3.78
IBLK	IBLK	06/27/2025	10:35	PP073320.D	8.79	3.78
PB168636BL	PB168636BL	06/27/2025	14:20	PP073323.D	8.79	3.78
PB168636BS	PB168636BS	06/27/2025	14:36	PP073324.D	8.79	3.78
MH-E/FMS	Q2430-01MS	06/27/2025	15:25	PP073327.D	8.79	3.78
MH-E/FMSD	Q2430-01MSD	06/27/2025	15:41	PP073328.D	8.79	3.78
AR1660CCC500	AR1660CCC500	06/27/2025	16:46	PP073329.D	8.79	3.78
IBLK	IBLK	06/27/2025	18:24	PP073334.D	8.79	3.78
TP-70	Q2436-01	06/27/2025	18:41	PP073335.D	8.79	3.78
TP-69	Q2436-02	06/27/2025	18:57	PP073336.D	8.79	3.78
TP-85	Q2436-03	06/27/2025	19:13	PP073337.D	8.79	3.78
TP-86	Q2436-04	06/27/2025	19:29	PP073338.D	8.79	3.78
TP-84	Q2436-05	06/27/2025	19:46	PP073339.D	8.79	3.78
TP-83	Q2436-06	06/27/2025	20:02	PP073340.D	8.79	3.78
TP-87	Q2436-07	06/27/2025	20:18	PP073341.D	8.79	3.78
TP-100	Q2436-08	06/27/2025	20:35	PP073342.D	8.79	3.78
TP-99	Q2436-09	06/27/2025	20:51	PP073343.D	8.79	3.78
TP-82	Q2436-10	06/27/2025	21:07	PP073344.D	8.79	3.78
AR1660CCC500	AR1660CCC500	06/27/2025	22:13	PP073345.D	8.79	3.78
IBLK	IBLK	06/27/2025	23:51	PP073350.D	8.79	3.78

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168636BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Lab Sample ID: PB168636BS Date(s) Analyzed: 06/27/2025 06/27/2025

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 PP073324.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.639	5.589	5.689	147	156	3.92
COLUMN 1	2	5.661	5.611	5.711	157		
	3	5.723	5.673	5.773	156		
	4	5.82	5.77	5.87	168		
	5	6.112	6.062	6.162	150		
	1	4.861	4.811	4.911	152		
COLUMN 2	2	4.878	4.828	4.928	152	150	
	3	5.055	5.005	5.105	152		
	4	5.097	5.047	5.147	149		
	5	5.31	5.26	5.36	147		
Aroclor-1260	1	7.228	7.178	7.278	166	141	3.48
COLUMN 1	2	7.482	7.432	7.532	154		
	3	7.839	7.789	7.889	126		
	4	8.063	8.013	8.113	131		
	5	8.381	8.331	8.431	128		
	1	6.34	6.29	6.39	154	146	
COLUMN 2	2	6.529	6.479	6.579	157		
	3	6.681	6.631	6.731	156		
	4	7.15	7.1	7.2	132		
	5	7.393	7.343	7.443	133		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MH-E/FMS

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2436

SAS No.: Q2436

SDG NO.: Q2436

Lab Sample ID: Q2430-01MS

Date(s) Analyzed: 06/27/2025

06/27/2025

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 PP073327.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.64	5.59	5.69	168	174	0.58
COLUMN 1	2	5.662	5.612	5.712	178		
	3	5.723	5.673	5.773	174		
	4	5.82	5.77	5.87	181		
	5	6.112	6.062	6.162	167		
	1	4.862	4.812	4.912	170		
COLUMN 2	2	4.879	4.829	4.929	172	173	
	3	5.056	5.006	5.106	176		
	4	5.097	5.047	5.147	171		
	5	5.311	5.261	5.361	173		
Aroclor-1260	1	7.229	7.179	7.279	186	158	1.88
COLUMN 1	2	7.482	7.432	7.532	171		
	3	7.84	7.79	7.89	139		
	4	8.065	8.015	8.115	154		
	5	8.382	8.332	8.432	140		
	1	6.341	6.291	6.391	172	161	
COLUMN 2	2	6.53	6.48	6.58	173		
	3	6.681	6.631	6.731	169		
	4	7.151	7.101	7.201	147		
	5	7.393	7.343	7.443	145		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MH-E/FMSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2436 SAS No.: Q2436 SDG NO.: Q2436

Lab Sample ID: Q2430-01MSD Date(s) Analyzed: 06/27/2025 06/27/2025

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 PP073328.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.64	5.59	5.69	168	176	6.45
COLUMN 1	2	5.662	5.612	5.712	180		
	3	5.724	5.674	5.774	179		
	4	5.821	5.771	5.871	186		
	5	6.114	6.064	6.164	169		
	1	4.863	4.813	4.913	163		
COLUMN 2	2	4.88	4.83	4.93	167	165	
	3	5.056	5.006	5.106	168		
	4	5.099	5.049	5.149	163		
	5	5.312	5.262	5.362	166		
Aroclor-1260	1	7.23	7.18	7.28	185	158	2.5
COLUMN 1	2	7.483	7.433	7.533	172		
	3	7.841	7.791	7.891	138		
	4	8.065	8.015	8.115	152		
	5	8.383	8.333	8.433	141		
	1	6.342	6.292	6.392	169	162	
COLUMN 2	2	6.531	6.481	6.581	172		
	3	6.683	6.633	6.733	173		
	4	7.152	7.102	7.202	148		
	5	7.395	7.345	7.445	149		



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168636BL	SDG No.:	Q2436
Lab Sample ID:	PB168636BL	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	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073323.D	1	06/27/25 09:00	06/27/25 14:20	PB168636

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	18.5		32 - 144	92%	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\PP062725\
 Data File : PP073323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 14:20
 Operator : YP\AJ
 Sample : PB168636BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168636BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:17:44 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...	4.488	3.782	38965261	33227008	18.460	18.441
2) SA Decachlor...	10.175	8.786	31029223	26127940	18.157m	19.576m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 14:20
Operator : YP\AJ
Sample : PB168636BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

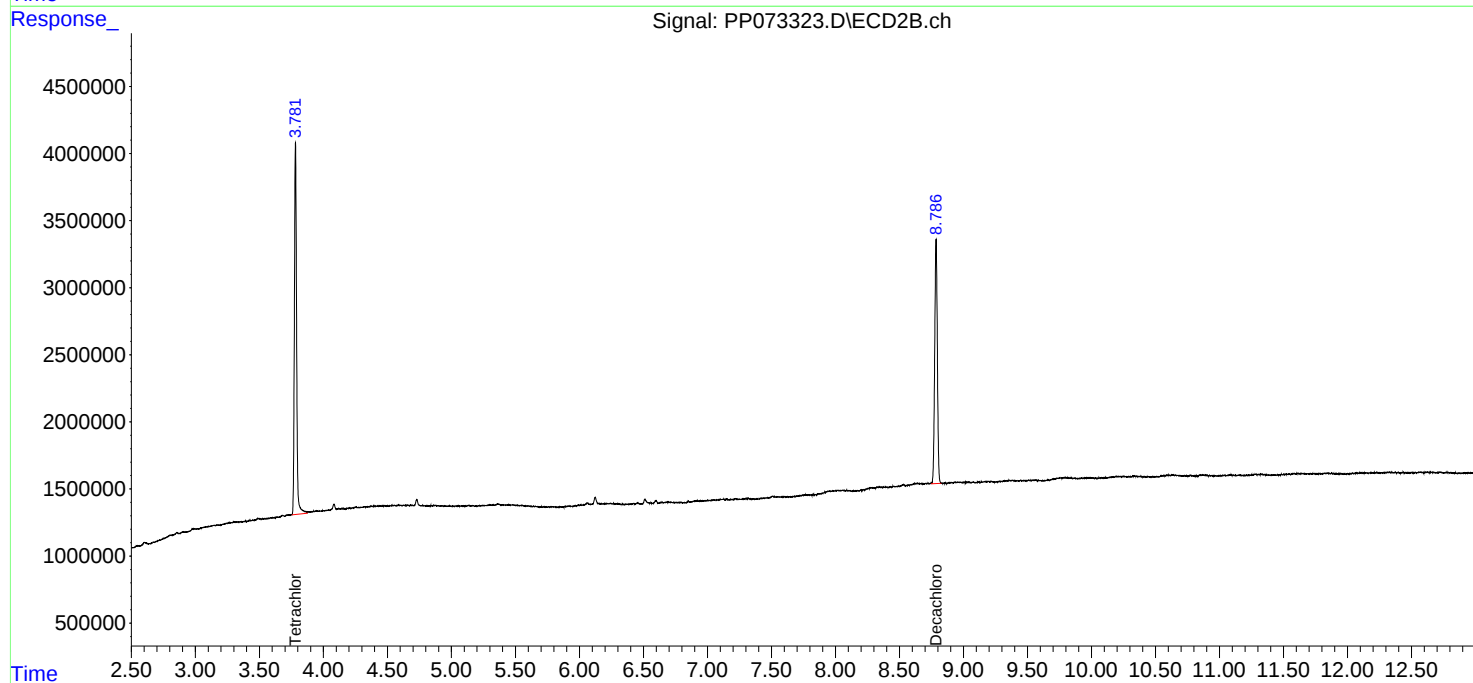
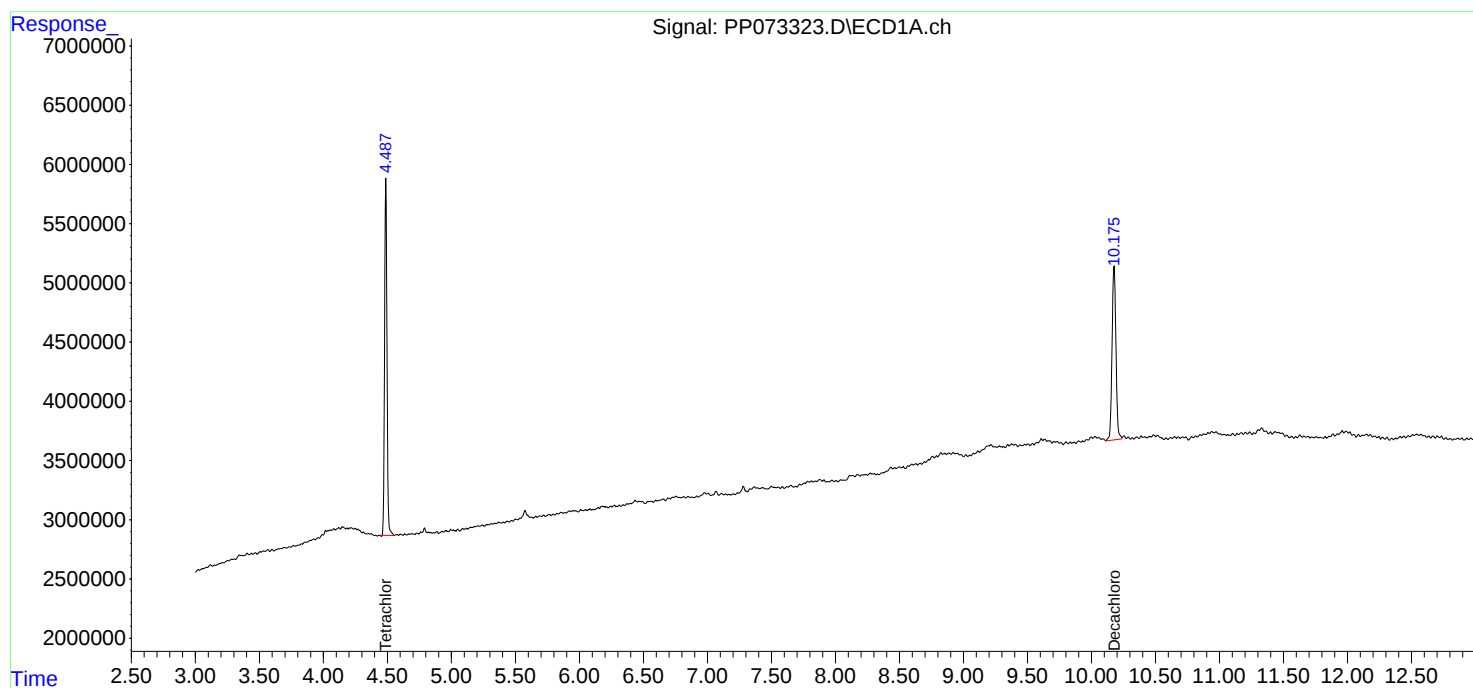
Instrument :
ECD_P
ClientSampleId :
PB168636BL

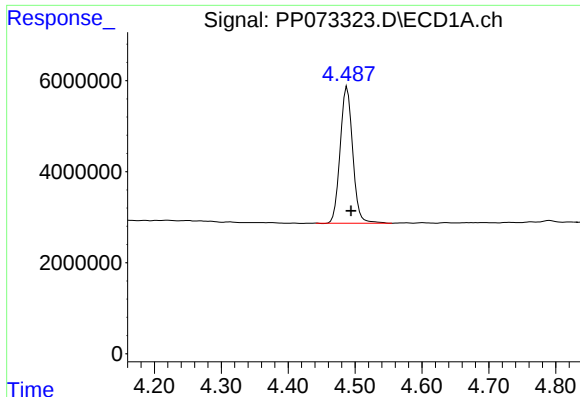
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:17:44 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.: 4.488 min
Delta R.T.: -0.006 min
Response: 38965261
Conc: 18.46 ng/ml

Instrument :

ECD_P

ClientSampleId :

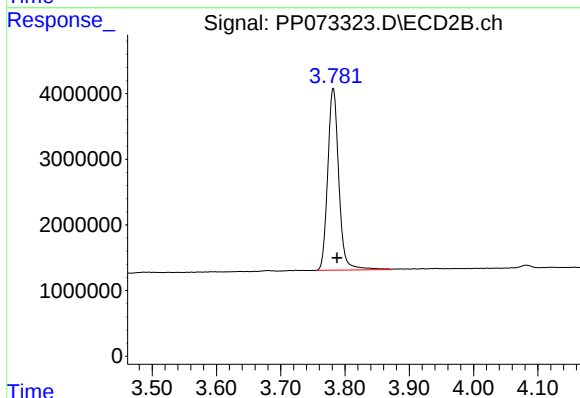
PB168636BL

Manual Integrations

APPROVED

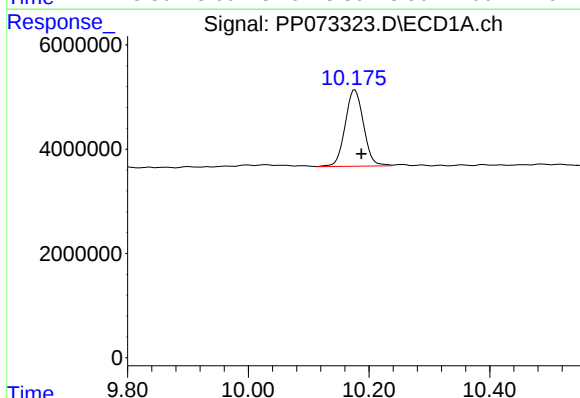
Reviewed By :Yogesh Patel 06/30/2025

Supervised By :mohammad ahmed 06/30/2025



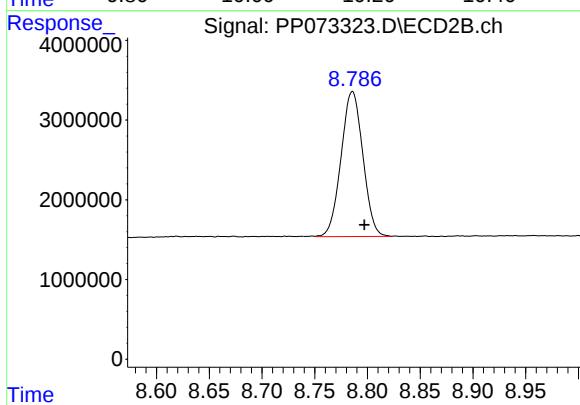
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.006 min
Response: 33227008
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: -0.012 min
Response: 31029223
Conc: 18.16 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.012 min
Response: 26127940
Conc: 19.58 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/17/25
Project:	South River WM Replacement	Date Received:	06/17/25
Client Sample ID:	PIBLK-PP072990.D	SDG No.:	Q2436
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

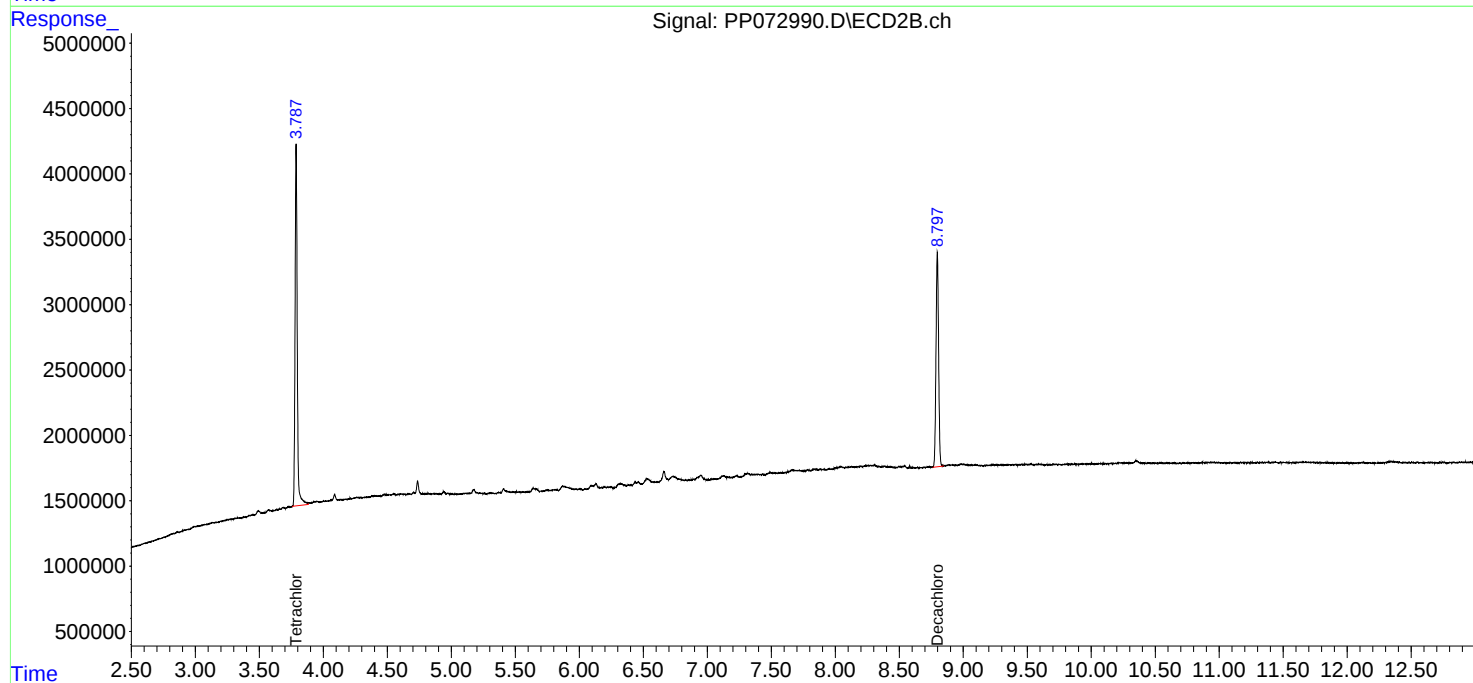
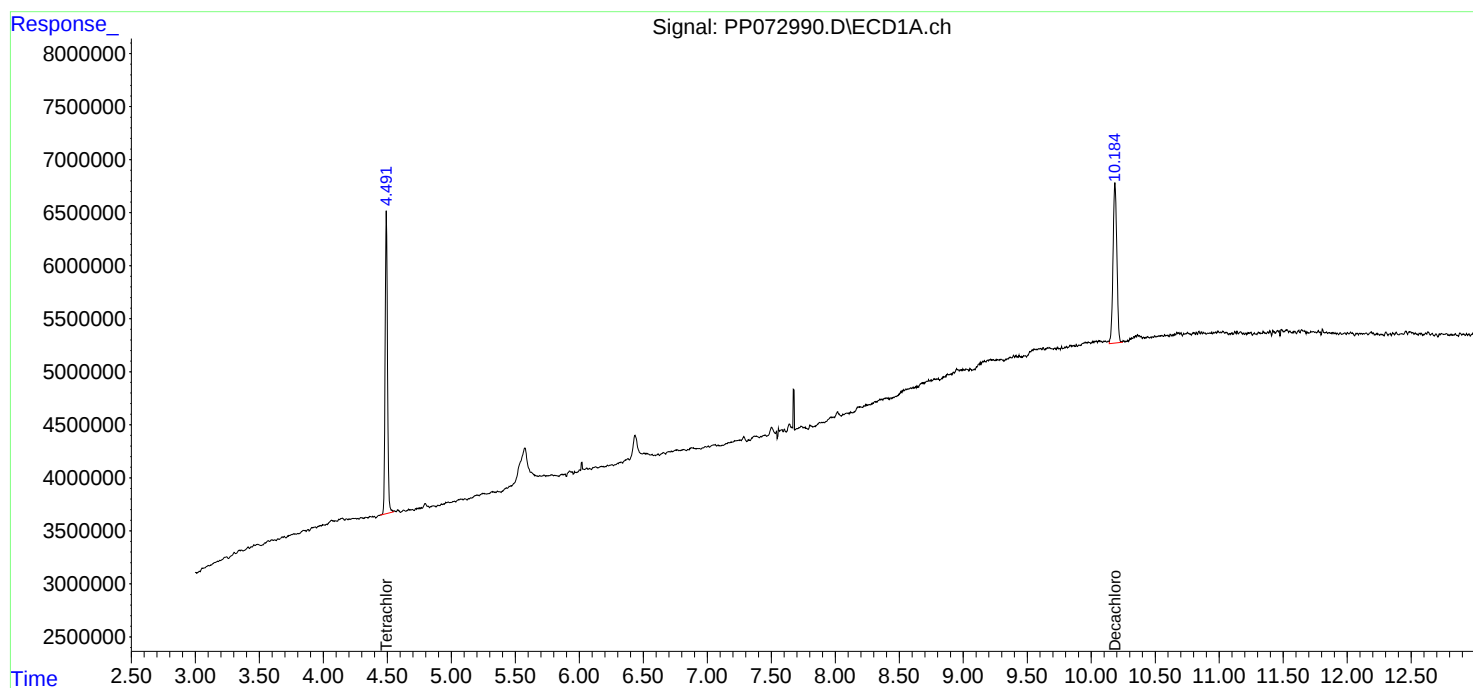
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

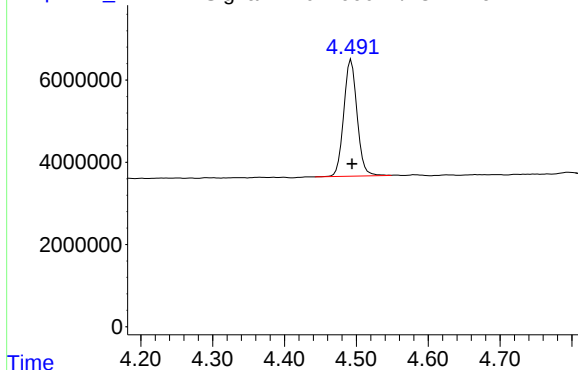
Instrument :
ECD_P
ClientSampleId :
I.BLK

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



Response_ Signal: PP072990.D\ECD1A.ch

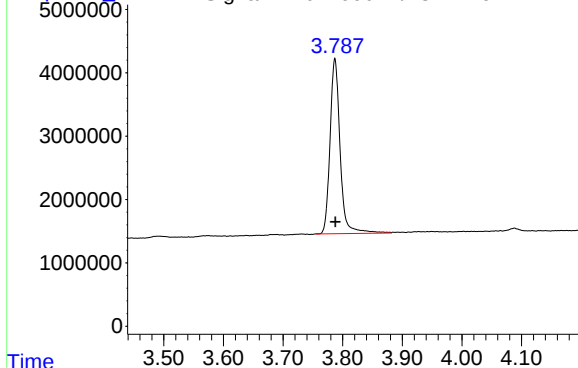


#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
I.BLK

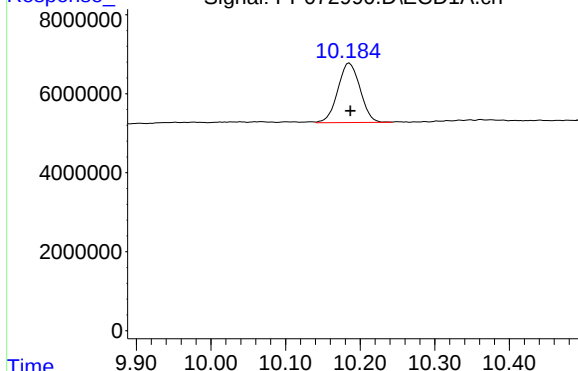
Response_ Signal: PP072990.D\ECD2B.ch



#1 Tetrachloro-m-xylene

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

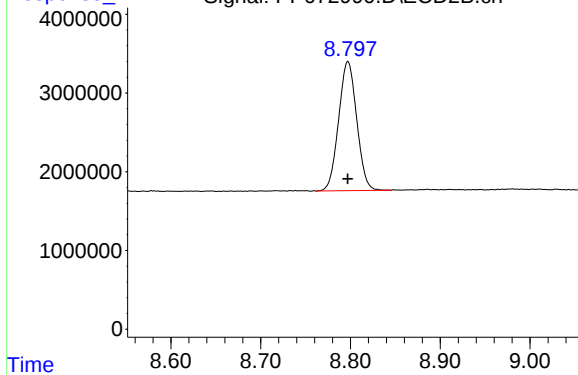
Response_ Signal: PP072990.D\ECD1A.ch



#2 Decachlorobiphenyl

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

Response_ Signal: PP072990.D\ECD2B.ch



#2 Decachlorobiphenyl

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

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	PIBLK-PP073320.D	SDG No.:	Q2436
Lab Sample ID:	I.BLK-PP073320.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
PP073320.D	1		06/27/25	PP062725

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	18.3		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		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\PP062725\
 Data File : PP073320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 10:35
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 11:19:36 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	3.782	39104871	32942998	18.526	18.283
2) SA Decachlor...	10.176	8.785	32545374	27227312	19.045	20.399m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 10:35
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

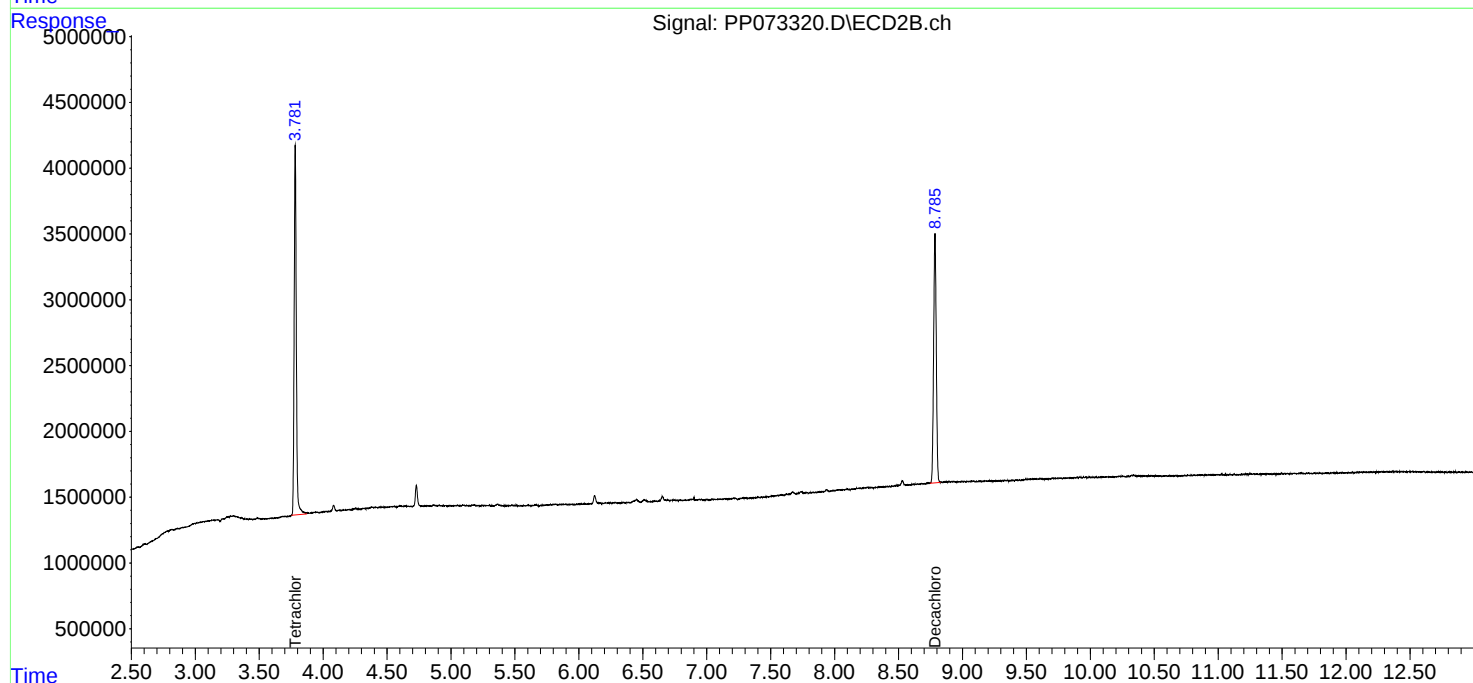
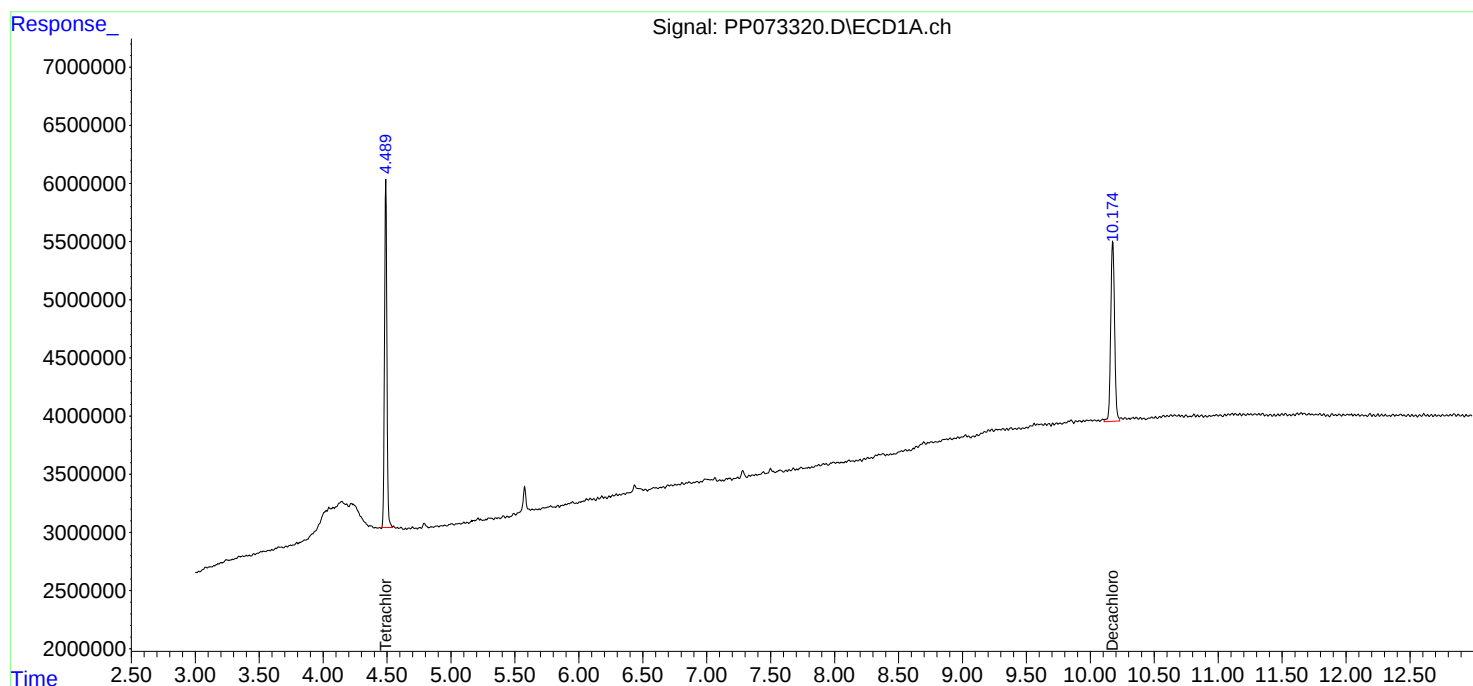
Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

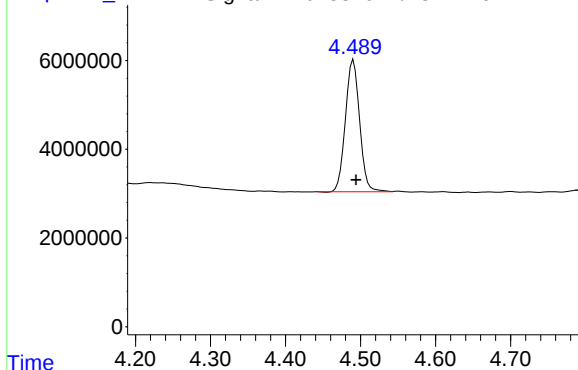
Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 11:19:36 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



Response_ Signal: PP073320.D\ECD1A.ch



#1 Tetrachloro-m-xylene

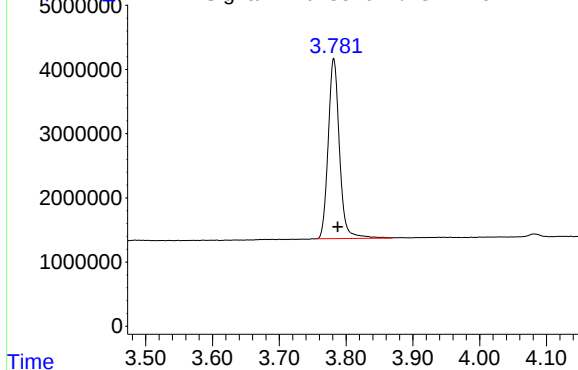
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 39104871
Conc: 18.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

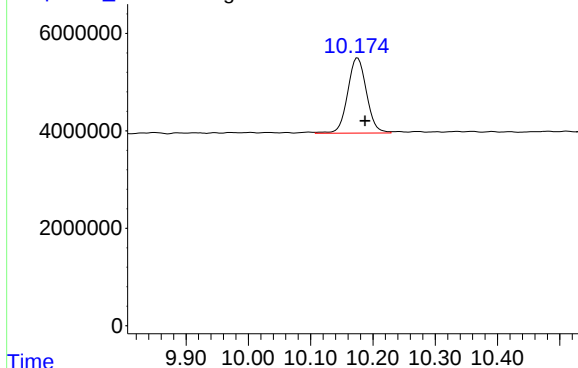
Response_ Signal: PP073320.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.006 min
Response: 32942998
Conc: 18.28 ng/ml

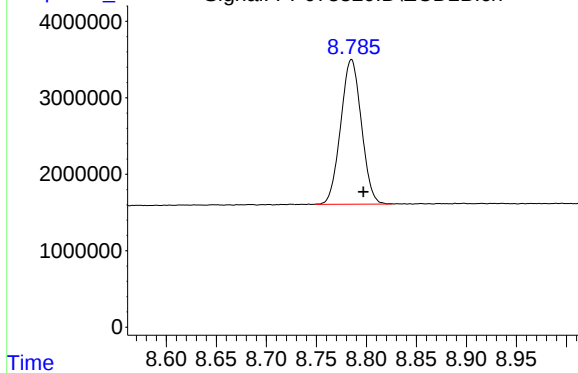
Response_ Signal: PP073320.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: -0.011 min
Response: 32545374
Conc: 19.04 ng/ml

Response_ Signal: PP073320.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.012 min
Response: 27227312
Conc: 20.40 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	PIBLK-PP073334.D	SDG No.:	Q2436
Lab Sample ID:	I.BLK-PP073334.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
PP073334.D	1		06/27/25	pp062725

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	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	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\PP062725\
 Data File : PP073334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 18:24
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:22:08 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...	4.488	3.782	35907922	31301067	17.011	17.372
2) SA Decachlor...	10.174	8.786	29630929	25436509	17.339m	19.058m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 18:24
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

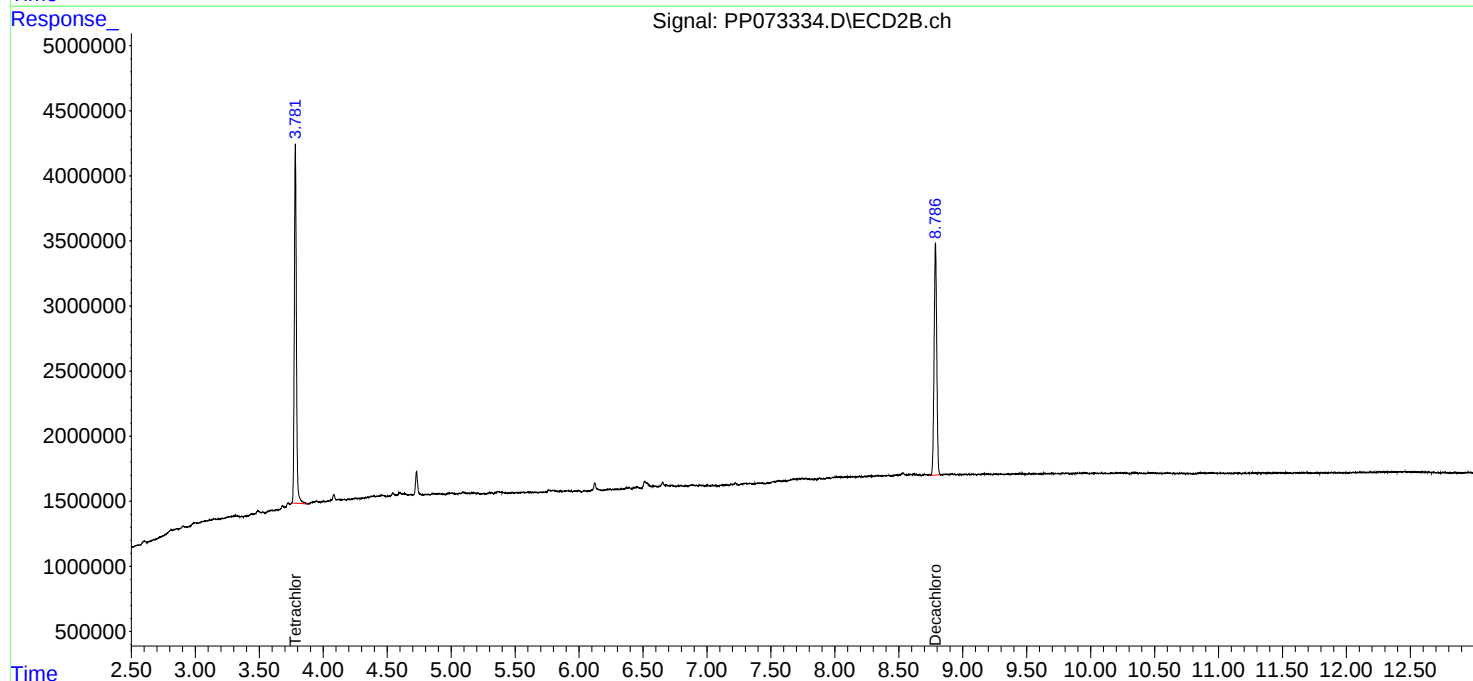
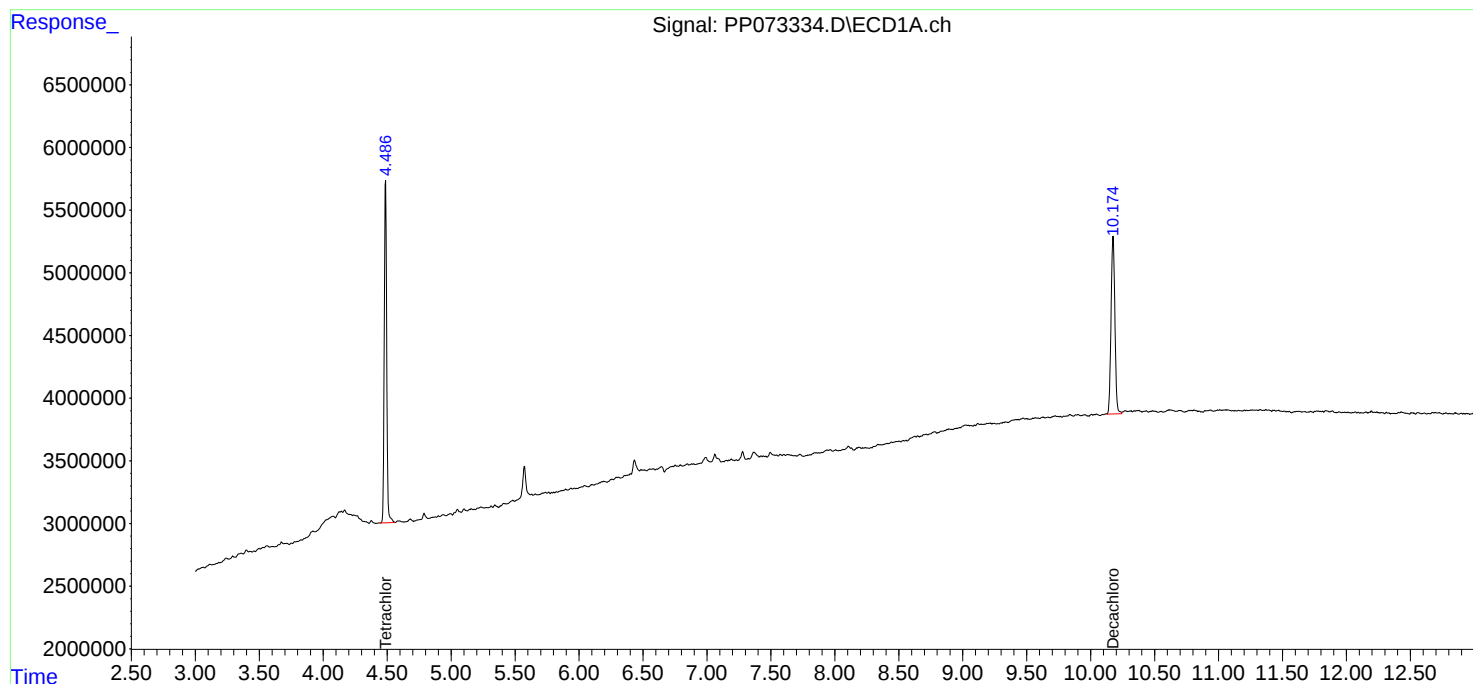
Instrument :
ECD_P
ClientSampleId :
I.BLK

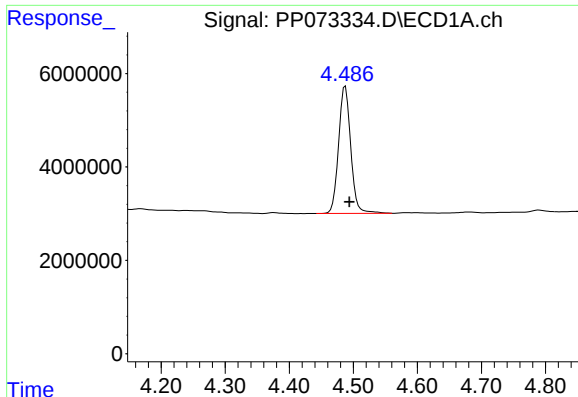
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:22:08 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





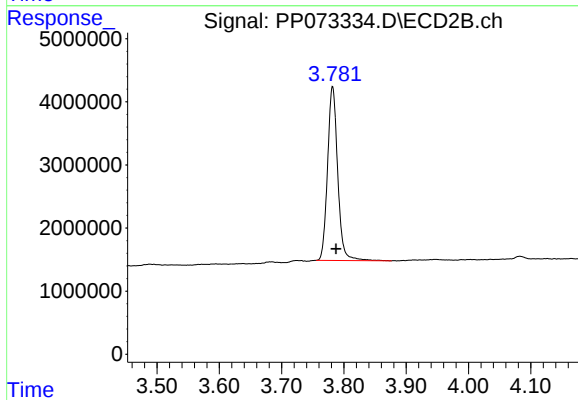
#1 Tetrachloro-m-xylene

R.T.: 4.488 min
Delta R.T.: -0.006 min
Response: 35907922
Conc: 17.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

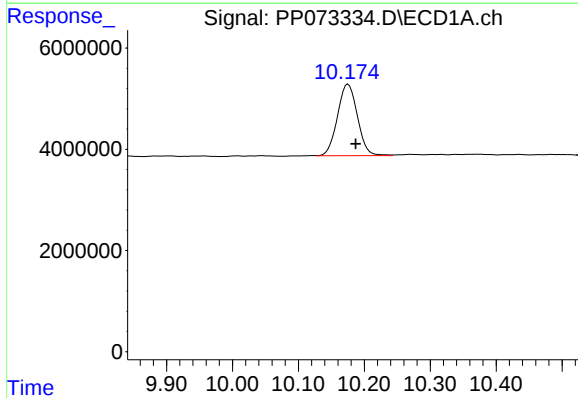
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



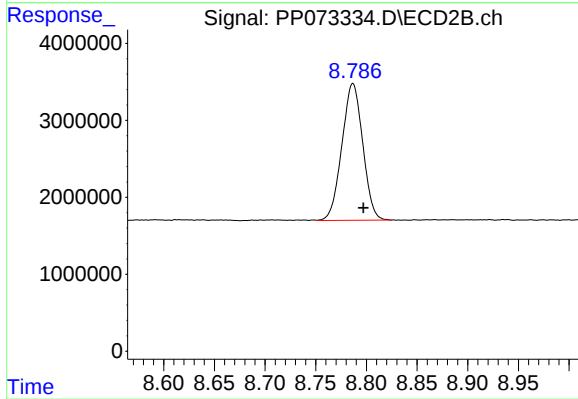
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: -0.006 min
Response: 31301067
Conc: 17.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.013 min
Response: 29630929
Conc: 17.34 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.011 min
Response: 25436509
Conc: 19.06 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	06/27/25
Project:	South River WM Replacement	Date Received:	06/27/25
Client Sample ID:	PIBLK-PP073350.D	SDG No.:	Q2436
Lab Sample ID:	I.BLK-PP073350.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
PP073350.D	1		06/27/25	pp062725

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	17.4		60 - 140	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		60 - 140	89%	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\PP062725\
 Data File : PP073350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 23:51
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 00:24:14 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...	4.491	3.783	36621968	33424037	17.350	18.550
2) SA Decachlor...	10.176	8.785	30334611	27001164	17.751m	20.230m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 23:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

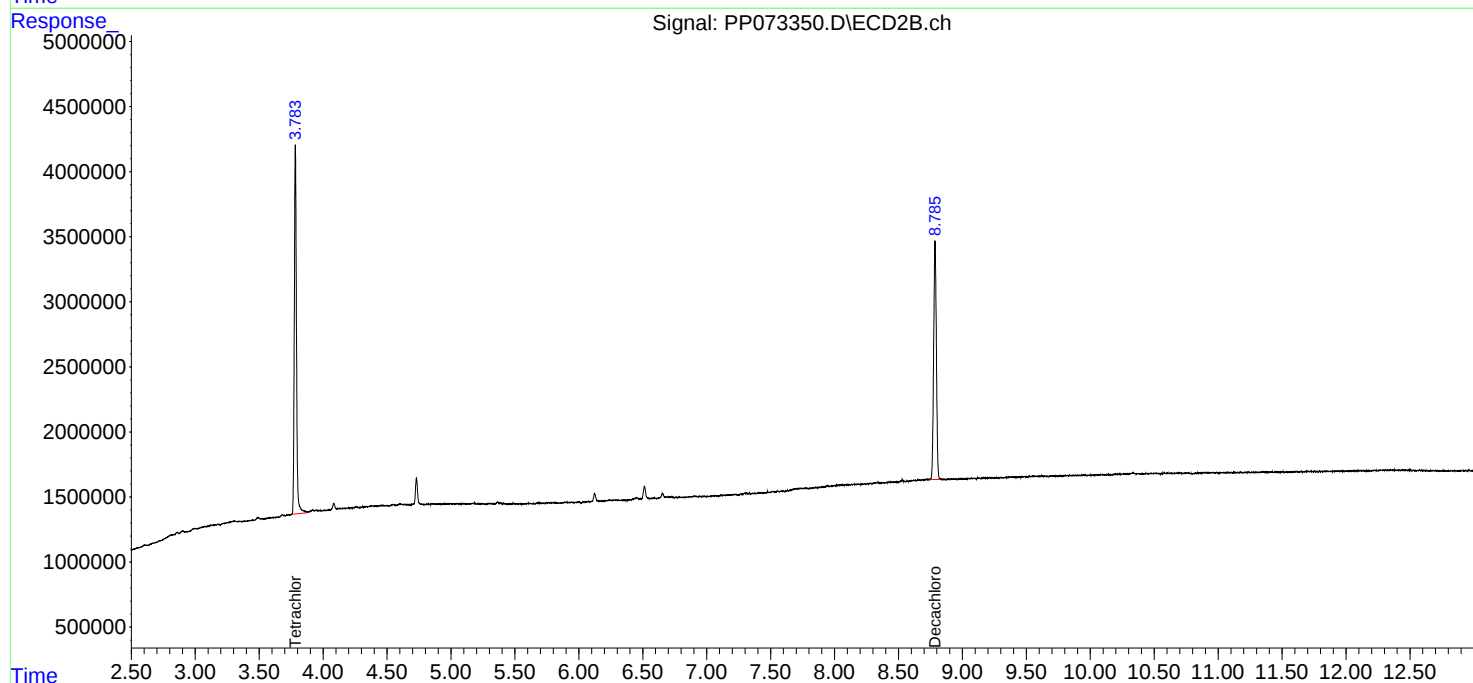
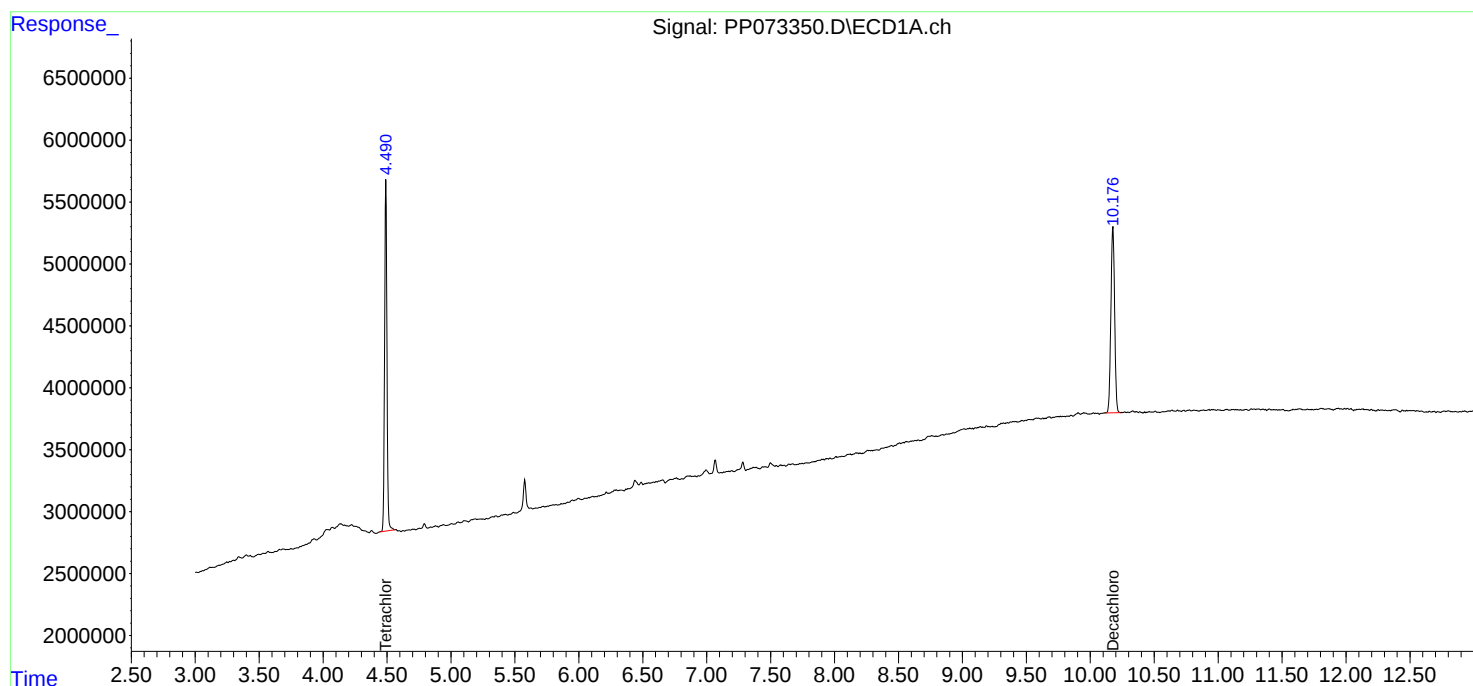
Instrument :
ECD_P
ClientSampleId :
I.BLK

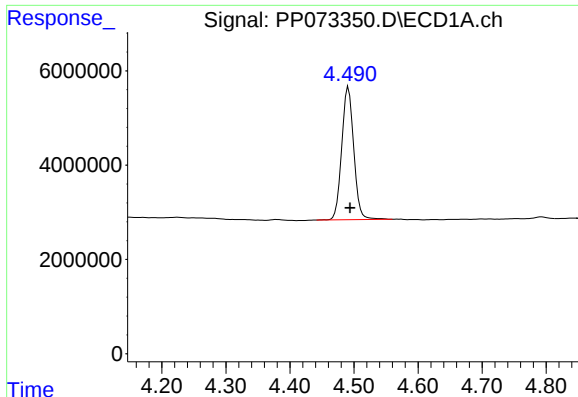
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 00:24:14 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





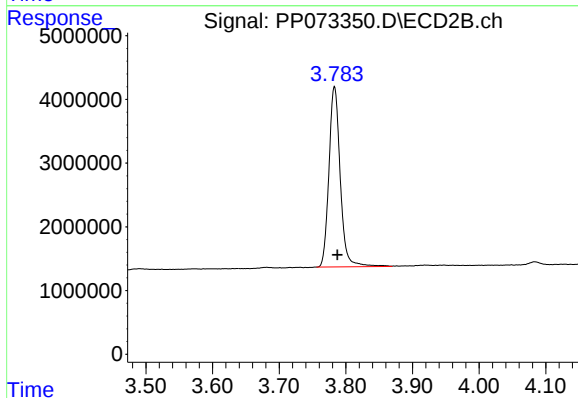
#1 Tetrachloro-m-xylene

R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 36621968
Conc: 17.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

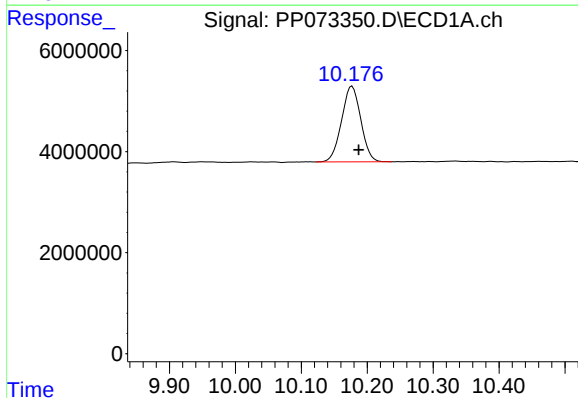
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025



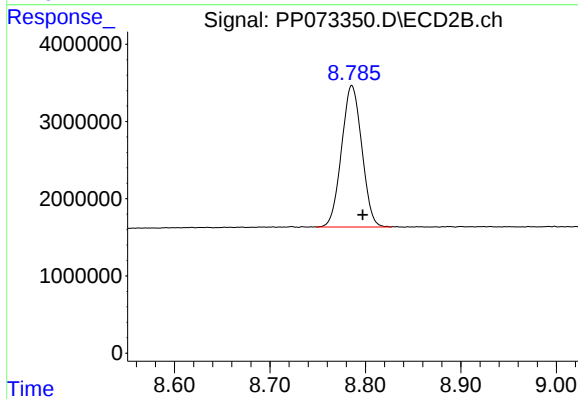
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 33424037
Conc: 18.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: -0.011 min
Response: 30334611
Conc: 17.75 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: -0.012 min
Response: 27001164
Conc: 20.23 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168636BS	SDG No.:	Q2436
Lab Sample ID:	PB168636BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02	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
PP073324.D	1	06/27/25 09:00	06/27/25 14:36	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		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	146		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		32 - 144	96%	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\PP062725\
 Data File : PP073324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 14:36
 Operator : YP\AJ
 Sample : PB168636BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168636BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:18:12 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...	4.488	3.782	40586402	33826397	19.228	18.774
2) SA Decachlor...	10.176	8.785	31946724	27052675	18.694	20.268m
Target Compounds						
3) L1 AR-1016-1	5.639	4.861	32085939	31263202	441.520	454.951
4) L1 AR-1016-2	5.661	4.878	48877946	45901388	469.887	456.102
5) L1 AR-1016-3	5.723	5.055	30612175	24959310	468.446	456.159
6) L1 AR-1016-4	5.820	5.097	26424045	19863357	505.425	445.870
7) L1 AR-1016-5	6.112	5.310	22517122	24335502	450.296	440.204
31) L7 AR-1260-1	7.228	6.340	44005861	43813385	498.857	462.505
32) L7 AR-1260-2	7.482	6.529	62819928	54909069	462.306	471.580
33) L7 AR-1260-3	7.839	6.681	43232486	48654266	378.727	467.106
34) L7 AR-1260-4	8.063	7.150	40616280	34858547	394.159	397.300
35) L7 AR-1260-5	8.381	7.393	92600528	85339133	384.837	399.901

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 14:36
Operator : YP\AJ
Sample : PB168636BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168636BS

Manual Integrations

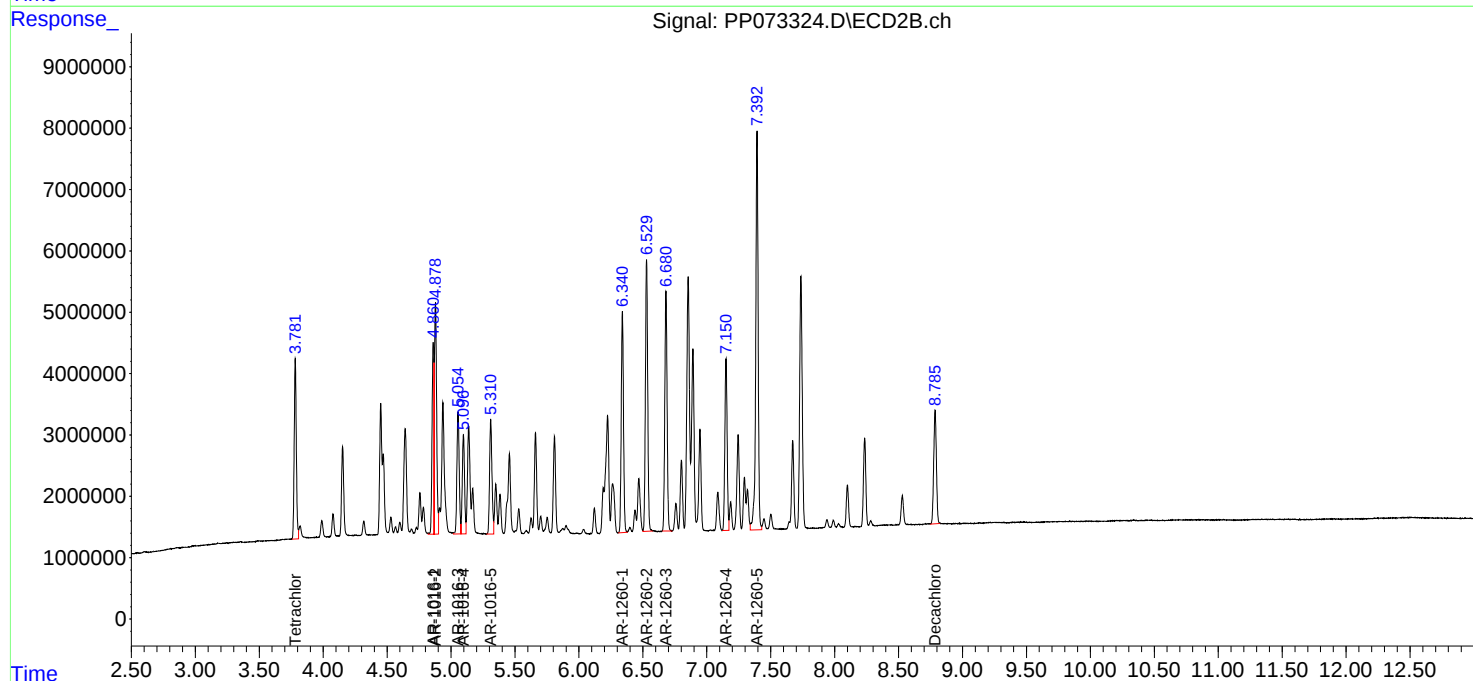
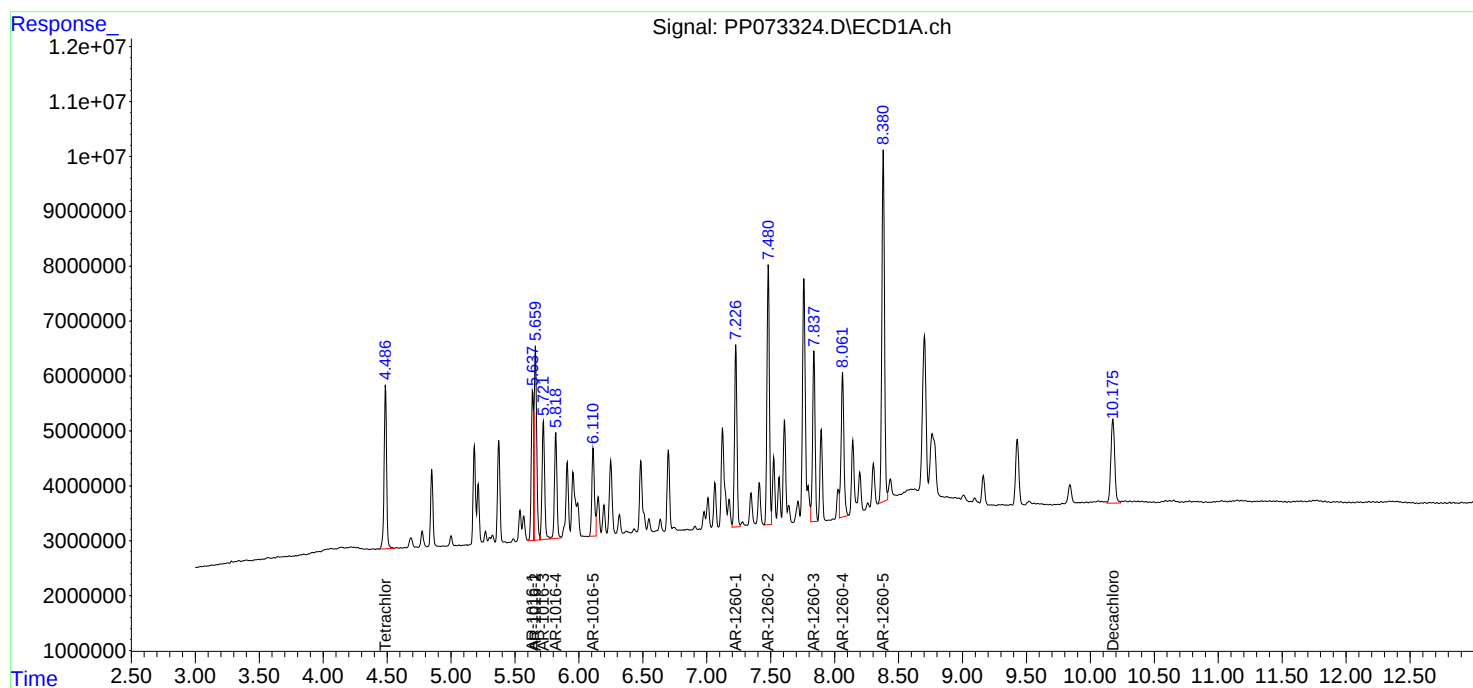
APPROVED

Reviewed By :Yogesh Patel 06/30/2025

Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:18:12 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:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	MH-E/FMS	SDG No.:	Q2436
Lab Sample ID:	Q2430-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.2
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
PP073327.D	1	06/27/25 09:00	06/27/25 15:25	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	174		4.50	19.2	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.2	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.2	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.2	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.2	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.2	ug/kg
11096-82-5	Aroclor-1260	161		3.70	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		32 - 175	100%	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\PP062725\
 Data File : PP073327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 15:25
 Operator : YP\AJ
 Sample : Q2430-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MH-E/FMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:19:16 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	3.783	42246071	34432909	20.014	19.110
2) SA Decachlor...	10.178	8.786	30742817	26807185	17.990	20.085m
Target Compounds						
3) L1 AR-1016-1	5.640	4.862	32435336	31051437	446.328	451.870
4) L1 AR-1016-2	5.662	4.879	49230526	46018161	473.276	457.262
5) L1 AR-1016-3	5.723	5.056	30205096	25612035	462.216	468.089
6) L1 AR-1016-4	5.820	5.097	25045162	20217083	479.050	453.811
7) L1 AR-1016-5	6.112	5.311	22113517	25354594	442.225	458.639
31) L7 AR-1260-1	7.229	6.341	43501188	43171979	493.136	455.734
32) L7 AR-1260-2	7.482	6.530	61768520	53470916	454.569	459.229
33) L7 AR-1260-3	7.840	6.681	42016886	46799592	368.078	449.300
34) L7 AR-1260-4	8.065	7.151	42111706	34295804	408.671	390.887
35) L7 AR-1260-5	8.382	7.393	89602789	81875212	372.379	383.669

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 15:25
Operator : YP\AJ
Sample : Q2430-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

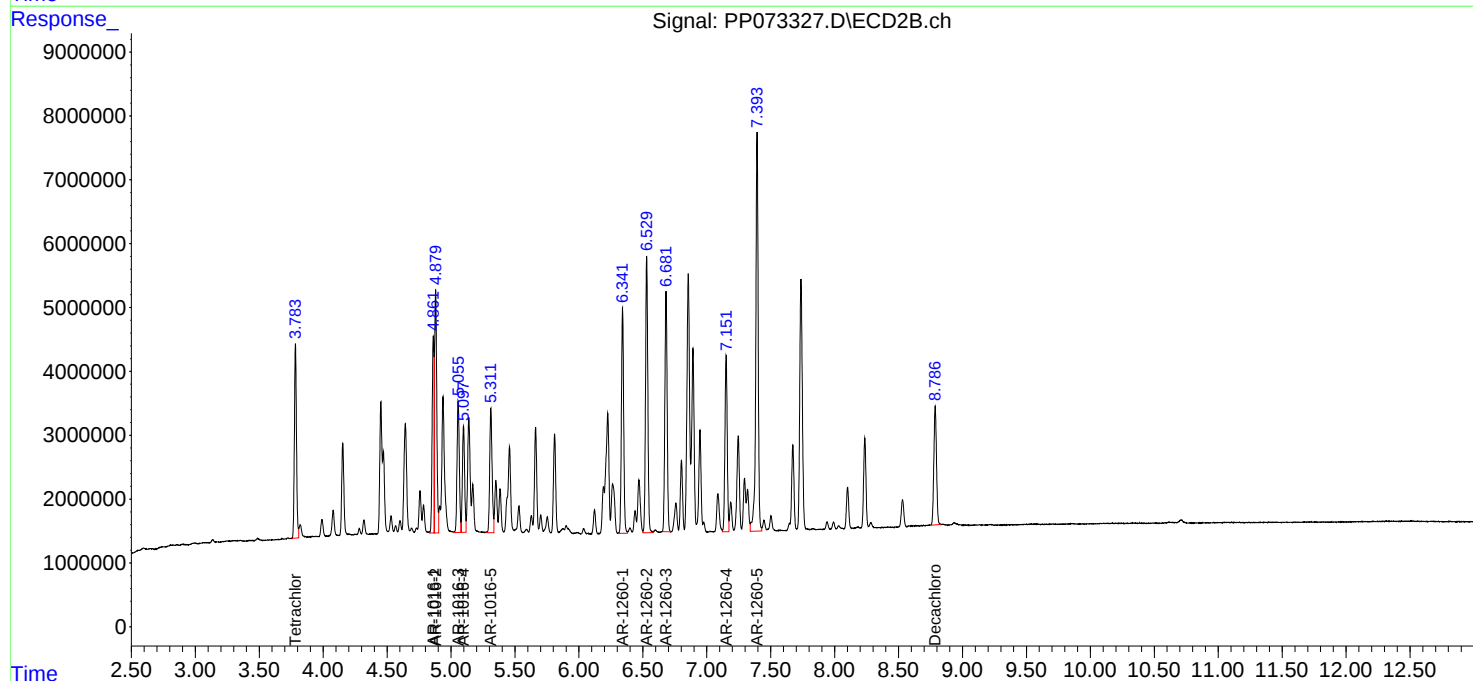
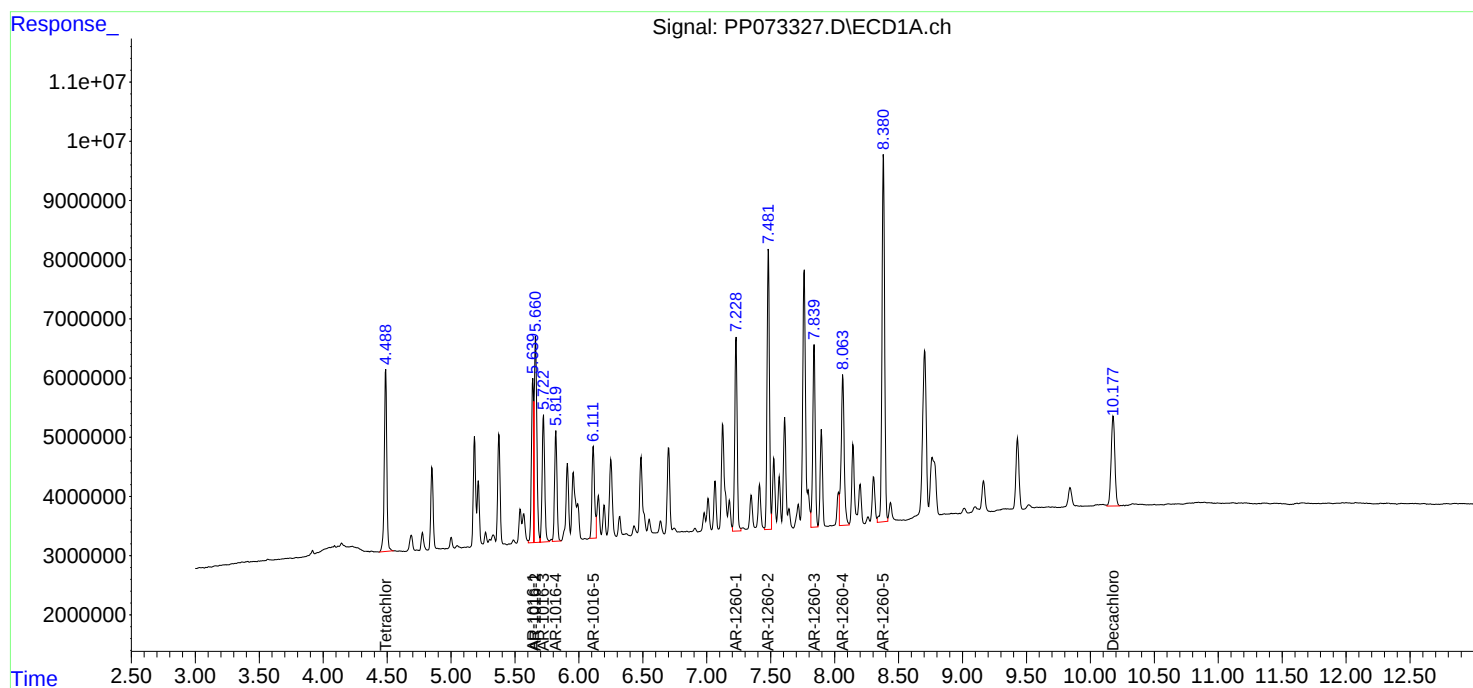
Instrument :
ECD_P
ClientSampleId :
MH-E/FMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:19:16 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:	CDM Smith	Date Collected:	06/26/25
Project:	South River WM Replacement	Date Received:	06/26/25
Client Sample ID:	MH-E/FMSD	SDG No.:	Q2436
Lab Sample ID:	Q2430-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.2
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
PP073328.D	1	06/27/25 09:00	06/27/25 15:41	PB168636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	176		4.50	19.2	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.2	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	19.2	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.2	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	19.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.2	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.2	ug/kg
11096-82-5	Aroclor-1260	162		3.70	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		32 - 175	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\PP062725\
 Data File : PP073328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 15:41
 Operator : YP\AJ
 Sample : Q2430-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MH-E/FMSD

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 06/30/2025

Supervised By :mohammad
 ahmed
 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 27 23:19:38 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...	4.490	3.784	41460204	33994688	19.642	18.867
2) SA Decachlor...	10.179	8.787	30245768	25313944	17.699	18.966m
Target Compounds						
3) L1 AR-1016-1	5.640	4.863	32395573	29747319	445.781	432.892
4) L1 AR-1016-2	5.662	4.880	49750471	44482514	478.275	442.003
5) L1 AR-1016-3	5.724	5.056	30989574	24355753	474.221	445.129
6) L1 AR-1016-4	5.821	5.099	25709959	19205125	491.766	431.095
7) L1 AR-1016-5	6.114	5.312	22334855	24376146	446.652	440.939
31) L7 AR-1260-1	7.230	6.342	43197267	42536234	489.691	449.023
32) L7 AR-1260-2	7.483	6.531	61866892	53001071	455.293	455.194
33) L7 AR-1260-3	7.841	6.683	41804179	47794429	366.214	458.851 #
34) L7 AR-1260-4	8.065	7.152	41504633	34371060	402.780	391.744
35) L7 AR-1260-5	8.383	7.395	89943012	84436947	373.793	395.674

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062725\
Data File : PP073328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 15:41
Operator : YP\AJ
Sample : Q2430-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
MH-E/FMSD

Manual Integrations
APPROVED

Reviewed By :Yogesh

Patel

06/30/2025

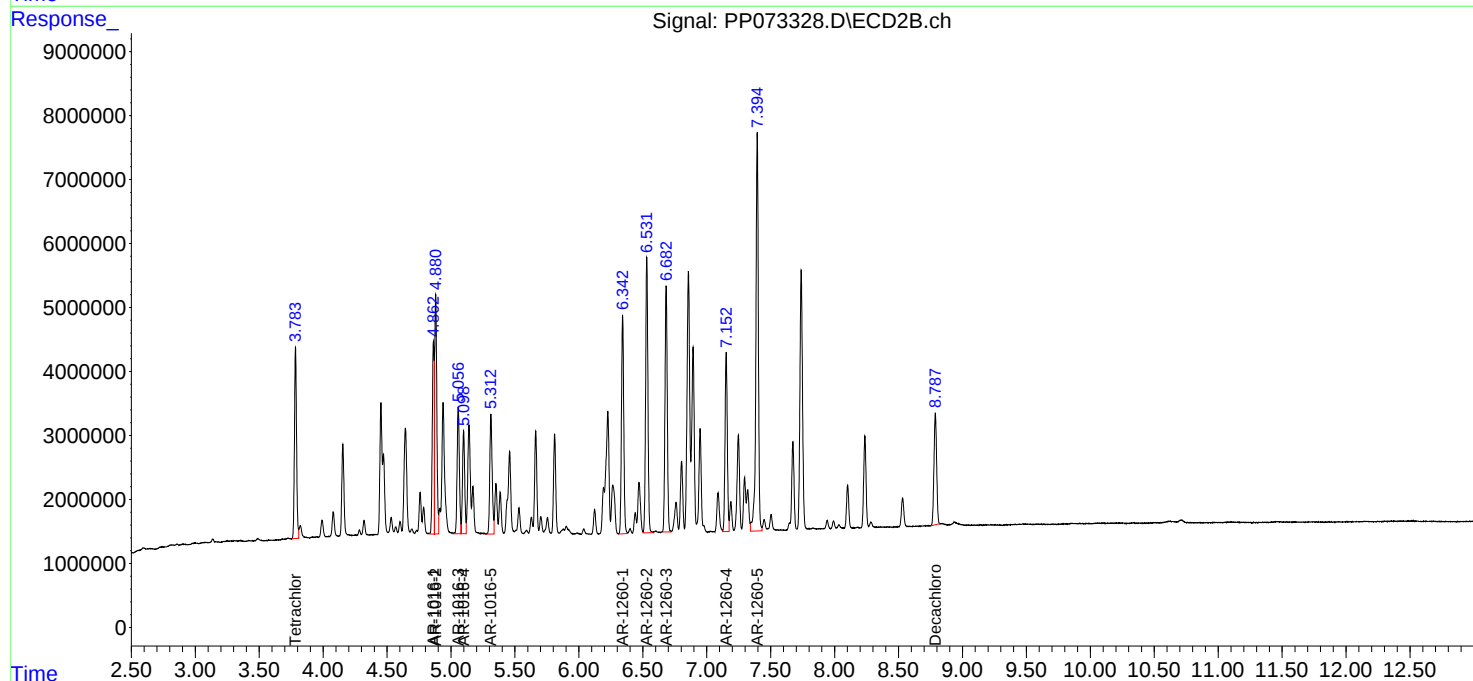
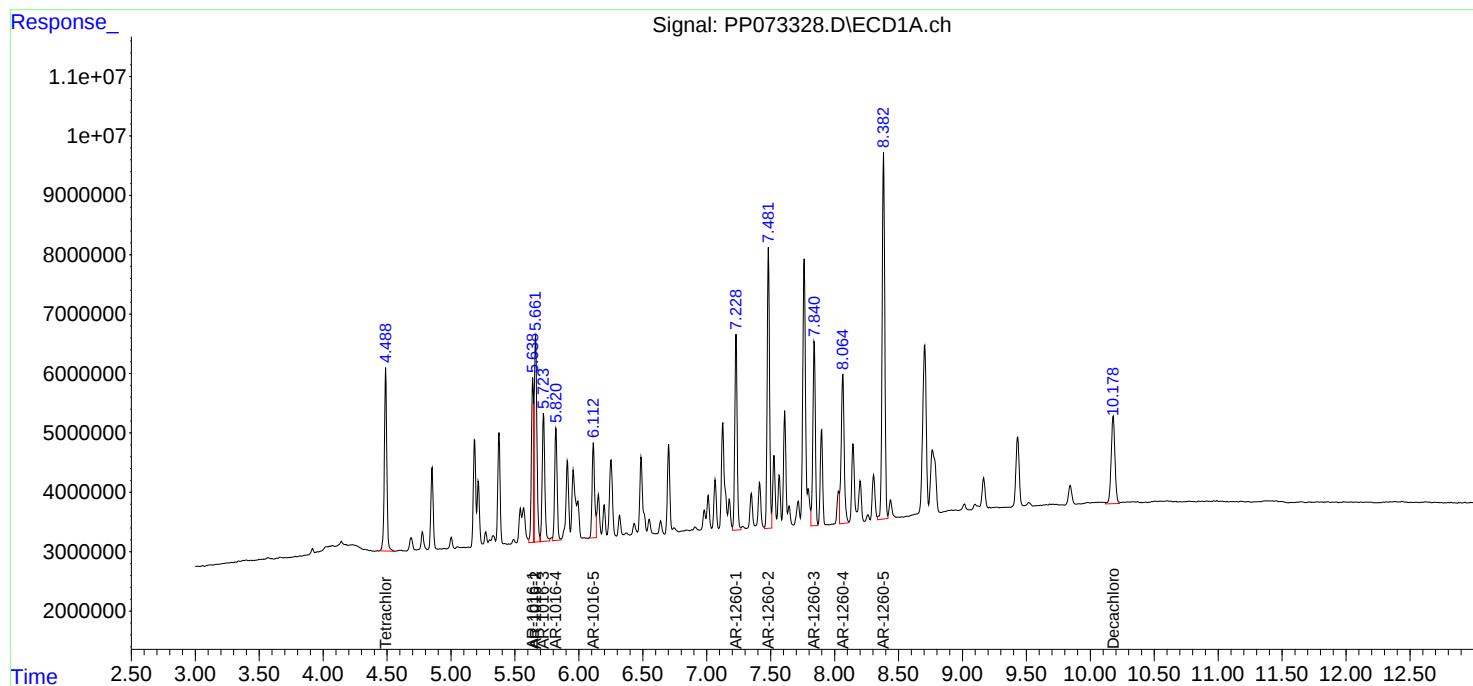
Supervised By :mohammad

ahmed

06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 27 23:19:38 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



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
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

Manual Integration Report

Sequence:	PP062725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073315.D	Decachlorobiphenyl #2	yogesh	6/30/2025 11:32:23 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP073317.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:23 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1254CCC500	PP073318.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:26 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1268CCC500	PP073319.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:29 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
I.BLK	PP073320.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:32 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
PB168636BL	PP073323.D	Decachlorobiphenyl	yogesh	6/30/2025 7:47:38 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
PB168636BL	PP073323.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:38 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
PB168636BS	PP073324.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:40 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2430-01MS	PP073327.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:45 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2430-01MSD	PP073328.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:47 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1660CCC500	PP073329.D	Decachlorobiphenyl	yogesh	6/30/2025 7:47:50 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1660CCC500	PP073329.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:50 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1242CCC500	PP073330.D	Decachlorobiphenyl	yogesh	6/30/2025 7:47:52 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software

Manual Integration Report

Sequence:	PP062725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP073330.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:52 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1248CCC500	PP073331.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:56 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1254CCC500	PP073332.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:47:58 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1268CCC500	PP073333.D	AR-1268-5 #2	yogesh	6/30/2025 7:48:01 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1268CCC500	PP073333.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:01 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
I.BLK	PP073334.D	Decachlorobiphenyl	yogesh	6/30/2025 7:48:04 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
I.BLK	PP073334.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:04 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-01	PP073335.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:07 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-02	PP073336.D	Decachlorobiphenyl	yogesh	6/30/2025 7:48:09 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-02	PP073336.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:09 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-03	PP073337.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:15 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-04	PP073338.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:17 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-05	PP073339.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:19 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software

Manual Integration Report

Sequence:	PP062725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2436-06	PP073340.D	Decachlorobiphenyl	yogesh	6/30/2025 7:48:21 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-06	PP073340.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:21 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-07	PP073341.D	Decachlorobiphenyl	yogesh	6/30/2025 7:48:26 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-07	PP073341.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:26 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-08	PP073342.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:28 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-09	PP073343.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:31 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
Q2436-10	PP073344.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:33 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1660CCC500	PP073345.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:35 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1242CCC500	PP073346.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:39 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1248CCC500	PP073347.D	Decachlorobiphenyl	yogesh	6/30/2025 7:48:41 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1248CCC500	PP073347.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:41 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1254CCC500	PP073348.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:44 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1268CCC500	PP073349.D	AR-1268-5 #2	yogesh	6/30/2025 7:48:46 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software

Manual Integration Report

Sequence:	PP062725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268CCC500	PP073349.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:46 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
I.BLK	PP073350.D	Decachlorobiphenyl	yogesh	6/30/2025 7:48:48 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
I.BLK	PP073350.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:48:48 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1660CCC500	PP073361.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:49:13 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1242CCC500	PP073362.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:49:15 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1248CCC500	PP073363.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:49:17 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1254CCC500	PP073364.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:49:19 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
AR1268CCC500	PP073365.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:49:21 AM	mohammad	6/30/2025 9:34:43	Peak Integrated by Software
I.BLK	PP073366.D	Decachlorobiphenyl #2	yogesh	6/30/2025 7:49:23 AM	mohammad	6/30/2025 9:34:43	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 # PP062725

Review By	yogesh	Review On	6/27/2025 12:16:16 PM
Supervise By	mohammad	Supervise On	6/30/2025 9:34:43 AM
SubDirectory	PP062725	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	PP073314.D	27 Jun 2025 08:57	YP\AJ	Ok
2	AR1660CCC500	PP073315.D	27 Jun 2025 09:13	YP\AJ	Ok,NS
3	AR1242CCC500	PP073316.D	27 Jun 2025 09:29	YP\AJ	Ok
4	AR1248CCC500	PP073317.D	27 Jun 2025 09:46	YP\AJ	Ok,M
5	AR1254CCC500	PP073318.D	27 Jun 2025 10:02	YP\AJ	Ok,M
6	AR1268CCC500	PP073319.D	27 Jun 2025 10:18	YP\AJ	Ok,M
7	I.BLK	PP073320.D	27 Jun 2025 10:35	YP\AJ	Ok,M
8	DDT ANALOGUE	PP073321.D	27 Jun 2025 10:51	YP\AJ	Ok
9	Q2419-01	PP073322.D	27 Jun 2025 11:07	YP\AJ	Ok,M
10	PB168636BL	PP073323.D	27 Jun 2025 14:20	YP\AJ	Ok,M
11	PB168636BS	PP073324.D	27 Jun 2025 14:36	YP\AJ	Ok,M
12	Q2429-01	PP073325.D	27 Jun 2025 14:53	YP\AJ	Ok,M
13	Q2430-01	PP073326.D	27 Jun 2025 15:09	YP\AJ	Ok,M
14	Q2430-01MS	PP073327.D	27 Jun 2025 15:25	YP\AJ	Ok,M
15	Q2430-01MSD	PP073328.D	27 Jun 2025 15:41	YP\AJ	Ok,M
16	AR1660CCC500	PP073329.D	27 Jun 2025 16:46	YP\AJ	Ok,M
17	AR1242CCC500	PP073330.D	27 Jun 2025 17:19	YP\AJ	Ok,M
18	AR1248CCC500	PP073331.D	27 Jun 2025 17:35	YP\AJ	Ok,M
19	AR1254CCC500	PP073332.D	27 Jun 2025 17:52	YP\AJ	Ok,M
20	AR1268CCC500	PP073333.D	27 Jun 2025 18:08	YP\AJ	Ok,M
21	I.BLK	PP073334.D	27 Jun 2025 18:24	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062725

Review By	yogesh	Review On	6/27/2025 12:16:16 PM
Supervise By	mohammad	Supervise On	6/30/2025 9:34:43 AM
SubDirectory	PP062725	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	Q2436-01	PP073335.D	27 Jun 2025 18:41	YP\AJ	Ok,M
23	Q2436-02	PP073336.D	27 Jun 2025 18:57	YP\AJ	Ok,M
24	Q2436-03	PP073337.D	27 Jun 2025 19:13	YP\AJ	Ok,M
25	Q2436-04	PP073338.D	27 Jun 2025 19:29	YP\AJ	Ok,M
26	Q2436-05	PP073339.D	27 Jun 2025 19:46	YP\AJ	Ok,M
27	Q2436-06	PP073340.D	27 Jun 2025 20:02	YP\AJ	Ok,M
28	Q2436-07	PP073341.D	27 Jun 2025 20:18	YP\AJ	Ok,M
29	Q2436-08	PP073342.D	27 Jun 2025 20:35	YP\AJ	Ok,M
30	Q2436-09	PP073343.D	27 Jun 2025 20:51	YP\AJ	Ok,M
31	Q2436-10	PP073344.D	27 Jun 2025 21:07	YP\AJ	Ok,M
32	AR1660CCC500	PP073345.D	27 Jun 2025 22:13	YP\AJ	Ok,M
33	AR1242CCC500	PP073346.D	27 Jun 2025 22:45	YP\AJ	Ok,M
34	AR1248CCC500	PP073347.D	27 Jun 2025 23:02	YP\AJ	Ok,M
35	AR1254CCC500	PP073348.D	27 Jun 2025 23:18	YP\AJ	Ok,M
36	AR1268CCC500	PP073349.D	27 Jun 2025 23:34	YP\AJ	Ok,M
37	I.BLK	PP073350.D	27 Jun 2025 23:51	YP\AJ	Ok,M
38	PB168651BL	PP073351.D	28 Jun 2025 00:07	YP\AJ	Ok,M
39	PB168651BS	PP073352.D	28 Jun 2025 00:23	YP\AJ	Ok,M
40	Q2440-01	PP073353.D	28 Jun 2025 00:40	YP\AJ	Ok,M
41	Q2440-02	PP073354.D	28 Jun 2025 00:56	YP\AJ	Ok,M
42	Q2440-03	PP073355.D	28 Jun 2025 01:12	YP\AJ	Ok,M
43	Q2440-04	PP073356.D	28 Jun 2025 01:29	YP\AJ	Ok,M
44	Q2440-05	PP073357.D	28 Jun 2025 01:45	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062725

Review By	yogesh	Review On	6/27/2025 12:16:16 PM
Supervise By	mohammad	Supervise On	6/30/2025 9:34:43 AM
SubDirectory	PP062725	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	Q2440-06	PP073358.D	28 Jun 2025 02:02	YP\AJ	Ok,M
46	Q2440-07	PP073359.D	28 Jun 2025 02:18	YP\AJ	Ok,M
47	Q2440-08	PP073360.D	28 Jun 2025 02:34	YP\AJ	Ok,M
48	AR1660CCC500	PP073361.D	28 Jun 2025 03:56	YP\AJ	Ok,M
49	AR1242CCC500	PP073362.D	28 Jun 2025 04:29	YP\AJ	Ok,M
50	AR1248CCC500	PP073363.D	28 Jun 2025 04:45	YP\AJ	Ok,M
51	AR1254CCC500	PP073364.D	28 Jun 2025 05:01	YP\AJ	Ok,M
52	AR1268CCC500	PP073365.D	28 Jun 2025 05:18	YP\AJ	Ok,M
53	I.BLK	PP073366.D	28 Jun 2025 05:34	YP\AJ	Ok,M

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 # PP062725

Review By	yogesh	Review On	6/27/2025 12:16:16 PM
Supervise By	mohammad	Supervise On	6/30/2025 9:34:43 AM
SubDirectory	PP062725	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	PP073314.D	27 Jun 2025 08:57		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073315.D	27 Jun 2025 09:13		YP\AJ	Ok,NS
3	AR1242CCC500	AR1242CCC500	PP073316.D	27 Jun 2025 09:29		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073317.D	27 Jun 2025 09:46		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP073318.D	27 Jun 2025 10:02		YP\AJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PP073319.D	27 Jun 2025 10:18	DCB high in both column	YP\AJ	Ok,M
7	I.BLK	I.BLK	PP073320.D	27 Jun 2025 10:35		YP\AJ	Ok,M
8	DDT ANALOGUE	DDT ANALOGUE	PP073321.D	27 Jun 2025 10:51		YP\AJ	Ok
9	Q2419-01	EO-3-6-25-2025	PP073322.D	27 Jun 2025 11:07	AR1268Hit	YP\AJ	Ok,M
10	PB168636BL	PB168636BL	PP073323.D	27 Jun 2025 14:20		YP\AJ	Ok,M
11	PB168636BS	PB168636BS	PP073324.D	27 Jun 2025 14:36		YP\AJ	Ok,M
12	Q2429-01	TP-4	PP073325.D	27 Jun 2025 14:53		YP\AJ	Ok,M
13	Q2430-01	MH-E/F	PP073326.D	27 Jun 2025 15:09		YP\AJ	Ok,M
14	Q2430-01MS	MH-E/FMS	PP073327.D	27 Jun 2025 15:25		YP\AJ	Ok,M
15	Q2430-01MSD	MH-E/FMSD	PP073328.D	27 Jun 2025 15:41		YP\AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP073329.D	27 Jun 2025 16:46		YP\AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP073330.D	27 Jun 2025 17:19		YP\AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PP073331.D	27 Jun 2025 17:35		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062725

Review By	yogesh	Review On	6/27/2025 12:16:16 PM
Supervise By	mohammad	Supervise On	6/30/2025 9:34:43 AM
SubDirectory	PP062725	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	AR1254CCC500	AR1254CCC500	PP073332.D	27 Jun 2025 17:52		YPIAJ	Ok,M
20	AR1268CCC500	AR1268CCC500	PP073333.D	27 Jun 2025 18:08	DCB high in both column	YPIAJ	Ok,M
21	I.BLK	I.BLK	PP073334.D	27 Jun 2025 18:24		YPIAJ	Ok,M
22	Q2436-01	TP-70	PP073335.D	27 Jun 2025 18:41		YPIAJ	Ok,M
23	Q2436-02	TP-69	PP073336.D	27 Jun 2025 18:57		YPIAJ	Ok,M
24	Q2436-03	TP-85	PP073337.D	27 Jun 2025 19:13		YPIAJ	Ok,M
25	Q2436-04	TP-86	PP073338.D	27 Jun 2025 19:29		YPIAJ	Ok,M
26	Q2436-05	TP-84	PP073339.D	27 Jun 2025 19:46		YPIAJ	Ok,M
27	Q2436-06	TP-83	PP073340.D	27 Jun 2025 20:02		YPIAJ	Ok,M
28	Q2436-07	TP-87	PP073341.D	27 Jun 2025 20:18		YPIAJ	Ok,M
29	Q2436-08	TP-100	PP073342.D	27 Jun 2025 20:35		YPIAJ	Ok,M
30	Q2436-09	TP-99	PP073343.D	27 Jun 2025 20:51		YPIAJ	Ok,M
31	Q2436-10	TP-82	PP073344.D	27 Jun 2025 21:07		YPIAJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP073345.D	27 Jun 2025 22:13		YPIAJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP073346.D	27 Jun 2025 22:45		YPIAJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP073347.D	27 Jun 2025 23:02		YPIAJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP073348.D	27 Jun 2025 23:18		YPIAJ	Ok,M
36	AR1268CCC500	AR1268CCC500	PP073349.D	27 Jun 2025 23:34	DCB high in both column	YPIAJ	Ok,M
37	I.BLK	I.BLK	PP073350.D	27 Jun 2025 23:51		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP062725

Review By	yogesh	Review On	6/27/2025 12:16:16 PM
Supervise By	mohammad	Supervise On	6/30/2025 9:34:43 AM
SubDirectory	PP062725	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	PB168651BL	PB168651BL	PP073351.D	28 Jun 2025 00:07		YPIAJ	Ok,M
39	PB168651BS	PB168651BS	PP073352.D	28 Jun 2025 00:23		YPIAJ	Ok,M
40	Q2440-01	72-11986-1	PP073353.D	28 Jun 2025 00:40	AR1248 Hit	YPIAJ	Ok,M
41	Q2440-02	72-11986-2	PP073354.D	28 Jun 2025 00:56	AR1248 Hit	YPIAJ	Ok,M
42	Q2440-03	72-11931-1	PP073355.D	28 Jun 2025 01:12	AR1248 Hit	YPIAJ	Ok,M
43	Q2440-04	72-11931-2	PP073356.D	28 Jun 2025 01:29	AR1248 Hit	YPIAJ	Ok,M
44	Q2440-05	VNJ-227-1	PP073357.D	28 Jun 2025 01:45	AR1248 Hit	YPIAJ	Ok,M
45	Q2440-06	VNJ-227-2	PP073358.D	28 Jun 2025 02:02	AR1248 Hit	YPIAJ	Ok,M
46	Q2440-07	RT2917-1	PP073359.D	28 Jun 2025 02:18	AR1248 Hit	YPIAJ	Ok,M
47	Q2440-08	RT2917-2	PP073360.D	28 Jun 2025 02:34	AR1248 Hit	YPIAJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PP073361.D	28 Jun 2025 03:56		YPIAJ	Ok,M
49	AR1242CCC500	AR1242CCC500	PP073362.D	28 Jun 2025 04:29		YPIAJ	Ok,M
50	AR1248CCC500	AR1248CCC500	PP073363.D	28 Jun 2025 04:45		YPIAJ	Ok,M
51	AR1254CCC500	AR1254CCC500	PP073364.D	28 Jun 2025 05:01		YPIAJ	Ok,M
52	AR1268CCC500	AR1268CCC500	PP073365.D	28 Jun 2025 05:18	DCB high in both column	YPIAJ	Ok,M
53	I.BLK	I.BLK	PP073366.D	28 Jun 2025 05:34		YPIAJ	Ok,M

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 06/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:26
Out Date: 06/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136311

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
Q2436-01	TP-70	1	1.15	10.83	11.98	10.04	82.1	
Q2436-02	TP-69	2	1.16	10.29	11.45	9.6	82.0	
Q2436-03	TP-85	3	1.16	10.55	11.71	10.14	85.1	
Q2436-04	TP-86	4	1.18	9.94	11.12	10.00	88.7	
Q2436-05	TP-84	5	1.14	10.40	11.54	10.74	92.3	
Q2436-06	TP-83	6	1.18	10.14	11.32	10.37	90.6	
Q2436-07	TP-87	7	1.18	10.37	11.55	10.5	89.9	
Q2436-08	TP-100	8	1.17	10.27	11.44	9.96	85.6	
Q2436-09	TP-99	9	1.17	10.47	11.64	10.82	92.2	
Q2436-10	TP-82	10	1.12	10.65	11.77	10.92	92.0	
Q2437-05	SVOC-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2437-06	PEST-GPC-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q2437-07	PEST-GPC-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q2437-08	PCB-GPC-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q2437-09	PCB-GPC-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q2437-10	SVOC-GPC2-BLANK	16	1.00	1.00	2.00	2.00	100.0	
Q2437-11	PEST-GPC2-BLANK	17	1.00	1.00	2.00	2.00	100.0	
Q2437-12	PEST-GPC2-BLANK-SPIKE	18	1.00	1.00	2.00	2.00	100.0	
Q2437-13	PCB-GPC2-BLANK	19	1.00	1.00	2.00	2.00	100.0	
Q2437-14	PCB-GCP2-BLANK-SPIKE	20	1.00	1.00	2.00	2.00	100.0	
Q2440-01	72-11986-1	21	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2440-02	72-11986-2	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2440-03	72-11931-1	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2440-04	72-11931-2	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2440-05	VNJ-227-1	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2440-06	VNJ-227-2	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2440-07	RT2917-1	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2440-08	RT2917-2	28	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/30/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 06/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:26
Out Date: 06/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136311

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
Q2442-01	500-3B	29	1.00	1.00	2.00	2.00	100.0	OILY STONE SAMPLE,100% SOLIDS
Q2442-02	500-3B-E2	30	1.00	1.00	2.00	2.00	100.0	OILY STONE SAMPLE,100% SOLIDS
Q2445-01	CONCRETE-PAD-6-27-25	37	1.00	1.00	2.00	2.00	100.0	CONCRETE-PAD-
Q2446-01	MR-BUR-LNG-19	38	1.00	1.00	2.00	2.00	100.0	oil sample
Q2446-03	MR-BUR-LNG-13	39	1.00	1.00	2.00	2.00	100.0	debris
Q2447-01	COMP-1	40	1.14	10.15	11.29	9.9	86.3	
Q2447-02	COMP-1	41	1.18	9.78	10.96	9.00	80.0	
Q2447-04	COMP-2	42	1.15	10.67	11.82	8.28	66.8	
Q2447-05	COMP-2	43	1.12	11.15	12.27	8.69	67.9	
Q2447-06	LAW-25-0100	44	1.11	10.66	11.77	10.75	90.4	
Q2447-07	LAW-25-0100	45	1.12	9.28	10.4	9.51	90.4	
Q2448-01	JEI041K-1-1	46	1.00	1.00	2.00	2.00	100.0	PILC
Q2448-02	JEI041K-1-2	47	1.00	1.00	2.00	2.00	100.0	PILC
Q2449-01	RBR200032	48	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2449-02	RBR200032-E2	49	1.00	1.00	2.00	2.00	100.0	STONE SAMPLE, 100% SOLIDS
Q2450-01	PL-2-062725	50	1.18	10.26	11.44	10.65	92.3	
Q2450-02	PL-2-062725-E2	51	1.19	10.36	11.55	10.65	91.3	
Q2452-01	TP-5	31	1.13	10.61	11.74	10.83	91.4	
Q2452-02	TP-5-EPH	32	1.13	10.70	11.83	10.44	87.0	
Q2452-03	TP-5-VOC	33	1.18	10.59	11.77	10.84	91.2	
Q2452-05	EP-2	34	1.11	10.66	11.77	10.38	87.0	
Q2452-06	EP-2-EPH	35	1.18	10.01	11.19	10.36	91.7	
Q2452-07	EP-2-VOC	36	1.14	10.43	11.57	10.05	85.4	
Q2457-01	OK-02-062725	52	1.12	10.47	11.59	10.87	93.1	
Q2457-02	OK-02-062725-E2	53	1.19	10.28	11.47	10.75	93.0	

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

WORKLIST(Hardcopy Internal Chain)

136311

WorkList Name : %1-062725

WorkList ID : 190440

Department : Wet-Chemistry

Date : 06-27-2025 10:02:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2436-01	TP-70	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/25/2025	Chemtech -SO
Q2436-02	TP-69	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/25/2025	Chemtech -SO
Q2436-03	TP-85	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/25/2025	Chemtech -SO
Q2436-04	TP-86	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/25/2025	Chemtech -SO
Q2436-05	TP-84	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/25/2025	Chemtech -SO
Q2436-06	TP-83	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/25/2025	Chemtech -SO
Q2436-07	TP-87	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/25/2025	Chemtech -SO
Q2436-08	TP-100	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/26/2025	Chemtech -SO
Q2436-09	TP-99	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/26/2025	Chemtech -SO
Q2436-10	TP-82	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/26/2025	Chemtech -SO
Q2437-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CAMP02	D51	06/26/2025	Chemtech -SO
Q2437-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-08	PCB-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-09	PCB-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-13	PCB-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2437-14	PCB-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	06/20/2025	Chemtech -SO
Q2440-01	72-11986-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO

Date/Time 06/24/25 16:10

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)

136311

WorkList Name : %1-062725

WorkList ID : 190440

Department : Wet-Chemistry

Date : 06-27-2025 10:02:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2440-02	72-11986-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2440-03	72-11931-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2440-04	72-11931-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2440-05	VNJ-227-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2440-06	VNJ-227-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2440-07	RT2917-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2440-08	RT2917-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2442-01	500-3B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2442-02	500-3B-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2445-01	CONCRETE-PAD-6-27-25	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2446-01	MR-BU-LNG-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2446-03	MR-BU-LNG-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2447-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2447-02	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2447-04	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2447-05	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2447-06	LAW-25-0100	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2447-07	LAW-25-0100	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2448-01	JEI041K-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2448-02	JEI041K-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2449-01	RBR200032	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/27/2025	Chemtech -SO
Q2449-02		Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO

Date/Time 06/27/25 16:10
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 06/27/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

136311

WorkList Name : %1-062725

WorkList ID : 190440

Department : Wet-Chemistry

Date : 06-27-2025 10:02:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2449-02	RBR200032-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/27/2025	Chemtech -SO
Q2450-01	PL-02-062725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	06/27/2025	Chemtech -SO
Q2450-02	PL-02-062725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D11	06/27/2025	Chemtech -SO
Q2452-01	TP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	A22	06/27/2025	Chemtech -SO
Q2452-02	TP-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A22	06/27/2025	Chemtech -SO
Q2452-03	TP-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A22	06/27/2025	Chemtech -SO
Q2452-05	EP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	A22	06/27/2025	Chemtech -SO
Q2452-06	EP-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A22	06/27/2025	Chemtech -SO
Q2452-07	EP-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A22	06/27/2025	Chemtech -SO
Q2457-01	OK-02-062725	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	06/27/2025	Chemtech -SO
Q2457-02	OK-02-062725-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	06/27/2025	Chemtech -SO

Date/Time 06/27/25 16:10

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/27/25 17:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 06/27/2025

Extraction Start Time : 09:00

Extraction End Date : 06/27/2025

Extraction End Time : 14:00

Concentration By: EH

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	PP24663
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	EP2624
Sand	N/A	E2865
Hexane	N/A	E3947
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, Q2436 all samples added at 11:15 AM.

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
6/27/25	RS (Ext Lab)	Y. P. Pesth103
14:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/27/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168636BL	ABLK636	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB168636BS	ALCS636	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2429-01	TP-4	PCB	30.07	N/A	ritesh	Evelyn	10	E		3
Q2430-01	MH-E/F	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q2430-01MS	MH-E/FMS	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q2430-01MS D	MH-E/FMSD	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q2436-01	TP-70	PCB	30.08	N/A	ritesh	Evelyn	10	E		U2-1
Q2436-02	TP-69	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q2436-03	TP-85	PCB	30.03	N/A	ritesh	Evelyn	10	E		3
Q2436-04	TP-86	PCB	30.07	N/A	ritesh	Evelyn	10	E		4
Q2436-05	TP-84	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q2436-06	TP-83	PCB	30.08	N/A	ritesh	Evelyn	10	E		6
Q2436-07	TP-87	PCB	30.02	N/A	ritesh	Evelyn	10	E		U3-1
Q2436-08	TP-100	PCB	30.05	N/A	ritesh	Evelyn	10	E		2
Q2436-09	TP-99	PCB	30.09	N/A	ritesh	Evelyn	10	E		3
Q2436-10	TP-82	PCB	30.06	N/A	ritesh	Evelyn	10	E		4

RS
6/27

168638
9:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2429 WorkList ID : 190429 Department : Extraction Date : 06-27-2025 08:40:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2429-01	TP-4	Solid	PCB	Cool 4 deg C	PSEG03	A53	06/26/2025	8082A
Q2430-01	MH-E/F	Solid	PCB	Cool 4 deg C	PSEG03	A53	06/26/2025	8082A

Date/Time 06/27/25 8:55
Raw Sample Received by: RS (EXT-106)
Raw Sample Relinquished by: CH SM

Date/Time 06/27/25 9:05
Raw Sample Received by: CH SM
Raw Sample Relinquished by: RS (EXT-106)

1968630115

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2436 WorkList ID : 190445 Department : Extraction Date : 06-27-2025 11:14:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2436-01	TP-70	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/25/2025	8082A
Q2436-01	TP-70	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/25/2025	8081B
Q2436-02	TP-69	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/25/2025	8082A
Q2436-02	TP-69	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/25/2025	8081B
Q2436-03	TP-85	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/25/2025	8082A
Q2436-03	TP-85	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/25/2025	8081B
Q2436-04	TP-86	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/25/2025	8082A
Q2436-04	TP-86	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/25/2025	8081B
Q2436-05	TP-84	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/25/2025	8082A
Q2436-05	TP-84	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/25/2025	8081B
Q2436-06	TP-83	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/25/2025	8082A
Q2436-06	TP-83	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/25/2025	8081B
Q2436-07	TP-87	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/26/2025	8082A
Q2436-07	TP-87	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/26/2025	8081B
Q2436-08	TP-100	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/26/2025	8082A
Q2436-08	TP-100	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/26/2025	8081B
Q2436-09	TP-99	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/26/2025	8082A
Q2436-09	TP-99	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/26/2025	8081B
Q2436-10	TP-82	Solid	PCB	Cool 4 deg C	CAMP02	D51	06/26/2025	8082A
Q2436-10	TP-82	Solid	Pesticide-TCL	Cool 4 deg C	CAMP02	D51	06/26/2025	8081B

Date/Time
6/27/25 11:15

Raw Sample Received by:
RJ (AT-64)

Raw Sample Relinquished by:
RJ (AT-64)

Date/Time
6/27/25 11:30

Raw Sample Received by:
RJ (AT-64)

Raw Sample Relinquished by:
RJ (AT-64)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 7325904679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINAS.MA@CDMSMITH.COM
PHONE: 7325904679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

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 _____

1. TCL VOC 2. TCL SVOC 3. TAL METALS 4. PESTICIDES 5. HERBICIDES 6. DRUGS 7. PCRS 8. 9.

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-70	S		X	6/25/25	0800	6	X	X	X	X	X	X	X			E
2.	TP-69	S		X	6/25/25	0840	6	X	X	X	X	X	X	X			E
3.	TP-85	S		X	6/25/25	0938	6	X	X	X	X	X	X	X			E
4.	TP-86	S		X	6/25/25	1020	6	X	X	X	X	X	X	X			E
5.	TP-84	S		X	6/25/25	1100	6	X	X	X	X	X	X	X			E
6.	TP-83	S		X	6/25/25	1135	6	X	X	X	X	X	X	X			E
7.	TP-87	S		X	6/26/25	0800	6	X	X	X	X	X	X	X			E
8.	TP-100	S		X	6/26/25	0845	6	X	X	X	X	X	X	X			E
9.	TP-99	S		X	6/26/25	0930	6	X	X	X	X	X	X	X			E
10.	TP-82	S		X	6/26/25	1020	6	X	X	X	X	X	X	X			E

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP _____ °C
1. [Signature]	6/26/25 1500	1. [Signature]	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. [Signature]	6-26-25 1630	3.	

Page _____ of _____

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 : Q2436	CAMP02	Order Date : 6/26/2025 3:41:00 PM	Project Mgr :
Client Name : CDM Smith		Project Name : South River WM Replacem	Report Type : Level 1
Client Contact : Marcie Ann Encinas		Receive DateTime : 6/26/2025 4:30:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2436-01	TP-70	Solid	06/25/2025	08:00	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2436-02	TP-69	Solid	06/25/2025	08:40	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2436-03	TP-85	Solid	06/25/2025	09:38	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2436-04	TP-86	Solid	06/25/2025	10:20	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2436-05	TP-84	Solid	06/25/2025	11:00	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2436-06	TP-83	Solid	06/25/2025	11:35	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2436-07	TP-87	Solid	06/26/2025	08:00	VOC-TCLVOA-10		8260D		10 Bus. Days
Q2436-08	TP-100	Solid	06/26/2025	08:45					

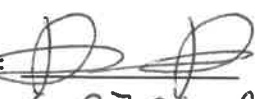


284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2436	CAMP02	Order Date : 6/26/2025 3:41:00 PM	Project Mgr :
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Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2436-09	TP-99	Solid	06/26/2025	09:30					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2436-10	TP-82	Solid	06/26/2025	10:20					
					VOC-TCLVOA-10		8260D	10 Bus. Days	

Relinquished By : 

Date / Time : 6-27-25 0900

Received By : 

Date / Time : 06/27/25

Storage Area : VOA Refridgerator Room