

Cover Page

Order ID : Q2236

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

Q2236-01
Q2236-02
Q2236-03
Q2236-04
Q2236-05
Q2236-06
Q2236-07
Q2236-08
Q2236-09
Q2236-10
Q2236-11
Q2236-12
Q2236-13
Q2236-14
Q2236-15
Q2236-16
Q2236-17
Q2236-18
Q2236-19
Q2236-20

Client Sample Number

WC-A4-05A-G
WC-A4-05A-C
WC-A4-05A-C
WC-A4-05A-C
WC-A2-04-G
WC-A2-04-C
WC-A2-04-C
WC-A2-04-C
WC-A2-05-G
WC-A2-05-C
WC-A2-05-C
WC-A2-05-C
WC-A2-06-G
WC-A2-06-C
WC-A2-06-C
WC-A2-06-C
WC-A2-07-G
WC-A2-07-C
WC-A2-07-C
WC-A2-07-C

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

Signature : _____

Date: 6/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2236

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: KETAN PATEL

Date: 06/14/2025

LAB CHRONICLE

OrderID:	Q2236	OrderDate:	6/5/2025 11:00:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	Location:	N31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2236-02	WC-A4-05A-C	SOIL			06/04/25			06/04/25
			PCB	8082A		06/06/25	06/06/25	
Q2236-03	WC-A4-05A-C	TCLP			06/04/25			06/04/25
			TCLP Herbicide	8151A		06/06/25	06/09/25	
			TCLP Pesticide	8081B		06/06/25	06/10/25	
Q2236-06	WC-A2-04-C	SOIL			06/04/25			06/04/25
			PCB	8082A		06/06/25	06/06/25	
Q2236-07	WC-A2-04-C	TCLP			06/04/25			06/04/25
			TCLP Herbicide	8151A		06/06/25	06/09/25	
			TCLP Pesticide	8081B		06/06/25	06/10/25	
Q2236-10	WC-A2-05-C	SOIL			06/04/25			06/04/25
			PCB	8082A		06/06/25	06/06/25	
Q2236-11	WC-A2-05-C	TCLP			06/04/25			06/04/25
			TCLP Herbicide	8151A		06/06/25	06/09/25	
			TCLP Pesticide	8081B		06/06/25	06/10/25	
Q2236-14	WC-A2-06-C	SOIL			06/04/25			06/04/25
			PCB	8082A		06/06/25	06/06/25	
Q2236-15	WC-A2-06-C	TCLP			06/04/25			06/04/25
			TCLP Herbicide	8151A		06/06/25	06/09/25	
			TCLP Pesticide	8081B		06/06/25	06/10/25	
Q2236-18	WC-A2-07-C	SOIL			06/04/25			06/04/25
			PCB	8082A		06/06/25	06/06/25	
Q2236-19	WC-A2-07-C	TCLP			06/04/25			06/04/25
			TCLP Herbicide	8151A		06/06/25	06/09/25	

LAB CHRONICLE

TCLP Pesticide

8081B

06/06/25

06/10/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2236

Order ID: Q2236

Client: ENTACT

Project ID: 540 Degraw St, Brooklyn, NY - E9309

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.: Q2236

Client: ENTACT

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PD088583.D	PIBLK-PD088583.D	Decachlorobiphenyl	1	20	18.4	92		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	16.5	83		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	18.0	90		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	16.9	84		30 (61)	150 (148)
I.BLK-PD088820.D	PIBLK-PD088820.D	Decachlorobiphenyl	1	20	24.1	120		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	23.7	119		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	23.0	115		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	21.4	107		30 (61)	150 (148)
PB168330BL	PB168330BL	Decachlorobiphenyl	1	20	25.8	129		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	24.1	121		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	24.4	122		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	21.8	109		30 (61)	150 (148)
PB168330BS	PB168330BS	Decachlorobiphenyl	1	20	23.8	119		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	22.0	110		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	22.9	115		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (61)	150 (148)
PB168311TB	PB168311TB	Decachlorobiphenyl	1	20	25.4	127		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	23.7	118		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	24.3	121		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	21.5	107		30 (61)	150 (148)
Q2198-04MS	B-207-SB02MS	Decachlorobiphenyl	1	20	25.9	129		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	24.2	121		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	24.8	124		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	21.1	105		30 (61)	150 (148)
Q2198-04MSD	B-207-SB02MSD	Decachlorobiphenyl	1	20	26.1	131		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	24.3	122		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	24.9	124		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	21.3	106		30 (61)	150 (148)
I.BLK-PD088840.D	PIBLK-PD088840.D	Decachlorobiphenyl	1	20	24.7	123		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	23.3	117		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	23.7	118		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	20.8	104		30 (61)	150 (148)
I.BLK-PD088853.D	PIBLK-PD088853.D	Decachlorobiphenyl	1	20	25.2	126		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	24.7	123		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	24.6	123		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	22.5	113		30 (61)	150 (148)
Q2236-03	WC-A4-05A-C	Decachlorobiphenyl	1	20	21.4	107		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	19.1	96		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	19.9	99		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	18.0	90		30 (61)	150 (148)
Q2236-07	WC-A2-04-C	Decachlorobiphenyl	1	20	23.9	120		30 (57)	150 (171)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q2236

Client: ENTACT

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2236-07	WC-A2-04-C	Tetrachloro-m-xylene	1	20	23.1	116		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	22.6	113		30 (57)	150 (171)
Q2236-11	WC-A2-05-C	Tetrachloro-m-xylene	2	20	17.3	86		30 (61)	150 (148)
		Decachlorobiphenyl	1	20	24.7	124		30 (57)	150 (171)
		Tetrachloro-m-xylene	1	20	22.3	111		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	23.4	117		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (61)	150 (148)
		Decachlorobiphenyl	1	20	21.5	107		30 (57)	150 (171)
Q2236-15	WC-A2-06-C	Tetrachloro-m-xylene	1	20	21.2	106		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	20.9	105		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	19.7	98		30 (61)	150 (148)
		Decachlorobiphenyl	1	20	22.9	115		30 (57)	150 (171)
Q2236-19	WC-A2-07-C	Tetrachloro-m-xylene	1	20	22.7	114		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	22.2	111		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	17.4	87		30 (61)	150 (148)
		Decachlorobiphenyl	1	20	25.0	125		30 (57)	150 (171)
I.BLK-PD088865.D	PIBLK-PD088865.D	Tetrachloro-m-xylene	1	20	24.2	121		30 (61)	150 (148)
		Decachlorobiphenyl	2	20	24.3	121		30 (57)	150 (171)
		Tetrachloro-m-xylene	2	20	22.3	112		30 (61)	150 (148)
		Decachlorobiphenyl	1	20	25.0	125		30 (57)	150 (171)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2236</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ENTACT</u>	DataFile :	<u>PD088838.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2198-04MS (Column 1)	B-207-SB02MS gamma-BHC (Lindane)	5	0	6.30	ug/L	126				30 (60)	150 (152)	
	Heptachlor	5	0	5.40	ug/L	108				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	6.10	ug/L	122				30 (77)	150 (143)	
	Endrin	5	0	6.30	ug/L	126				30 (76)	150 (144)	
	Methoxychlor	5	0	6.20	ug/L	124				30 (70)	150 (142)	
Client Sample ID: Q2198-04MS (Column 2)	B-207-SB02MS gamma-BHC (Lindane)	5	0	5.40	ug/L	108				30 (60)	150 (152)	
	Heptachlor	5	0	4.70	ug/L	94				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.40	ug/L	108				30 (77)	150 (143)	
	Endrin	5	0	5.50	ug/L	110				30 (76)	150 (144)	
	Methoxychlor	5	0	5.50	ug/L	110				30 (70)	150 (142)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2236</u>	Analytical Method:	<u>8081B</u>
Client:	<u>ENTACT</u>	DataFile :	<u>PD088839.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2198-04MSD (Column 1)	B-207-SB02MSD gamma-BHC (Lindane)	5	0	6.40	ug/L	128		2		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.40	ug/L	108		0		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	6.10	ug/L	122		0		30 (77)	150 (143)	20 (20)
	Endrin	5	0	6.30	ug/L	126		0		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	6.20	ug/L	124		0		30 (70)	150 (142)	20 (20)
Client Sample ID: Q2198-04MSD (Column 2)	B-207-SB02MSD gamma-BHC (Lindane)	5	0	5.50	ug/L	110		2		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	4.70	ug/L	94		0		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.40	ug/L	108		0		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.80	ug/L	116		5		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.50	ug/L	110		0		30 (70)	150 (142)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2236

Analytical Method: 8081B

Client: ENTACT

Datafile : PD088833.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168330BS (Column 1)	gamma-BHC (Lindane)	0.5	0.53	ug/L	105				40 (82)	140 (129)	
	Heptachlor	0.5	0.54	ug/L	108				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.53	ug/L	106				40 (81)	140 (124)	
	Endrin	0.5	0.54	ug/L	107				40 (81)	140 (128)	
	Methoxychlor	0.5	0.54	ug/L	107				40 (78)	140 (108)	
PB168330BS (Column 2)	gamma-BHC (Lindane)	0.5	0.49	ug/L	98				40 (82)	140 (129)	
	Heptachlor	0.5	0.48	ug/L	97				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.49	ug/L	98				40 (81)	140 (124)	
	Endrin	0.5	0.48	ug/L	97				40 (81)	140 (128)	
	Methoxychlor	0.5	0.49	ug/L	97				40 (78)	140 (108)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168330BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236

SAS No.: Q2236 SDG NO.: Q2236

Lab Sample ID: PB168330BL

Lab File ID: PD088832.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/06/2025

Date Analyzed (1): 06/09/2025

Date Analyzed (2): 06/09/2025

Time Analyzed (1): 13:14

Time Analyzed (2): 13:14

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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
PB168330BS	PB168330BS	PD088833.D	06/09/2025	06/09/2025
PB168311TB	PB168311TB	PD088835.D	06/09/2025	06/09/2025
B-207-SB02MS	Q2198-04MS	PD088838.D	06/09/2025	06/09/2025
B-207-SB02MSD	Q2198-04MSD	PD088839.D	06/09/2025	06/09/2025
WC-A4-05A-C	Q2236-03	PD088860.D	06/10/2025	06/10/2025
WC-A2-04-C	Q2236-07	PD088861.D	06/10/2025	06/10/2025
WC-A2-05-C	Q2236-11	PD088862.D	06/10/2025	06/10/2025
WC-A2-06-C	Q2236-15	PD088863.D	06/10/2025	06/10/2025
WC-A2-07-C	Q2236-19	PD088864.D	06/10/2025	06/10/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/06/25
Client Sample ID:	PB168311TB	SDG No.:	Q2236
Lab Sample ID:	PB168311TB	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088835.D	1	06/06/25 12:32	06/09/25 13:58	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.4		30 (57) - 150 (171)	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.7		30 (61) - 150 (148)	118%	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_D\Data\PD060925\
 Data File : PD088835.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 13:58
 Operator : AR\AJ
 Sample : PB168311TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168311TB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 15:22:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.880	51235899	324.9E6	23.679	21.478
28) SA Decachlor...	9.073	8.072	86799254	443.4E6	25.363	24.289

Target Compounds

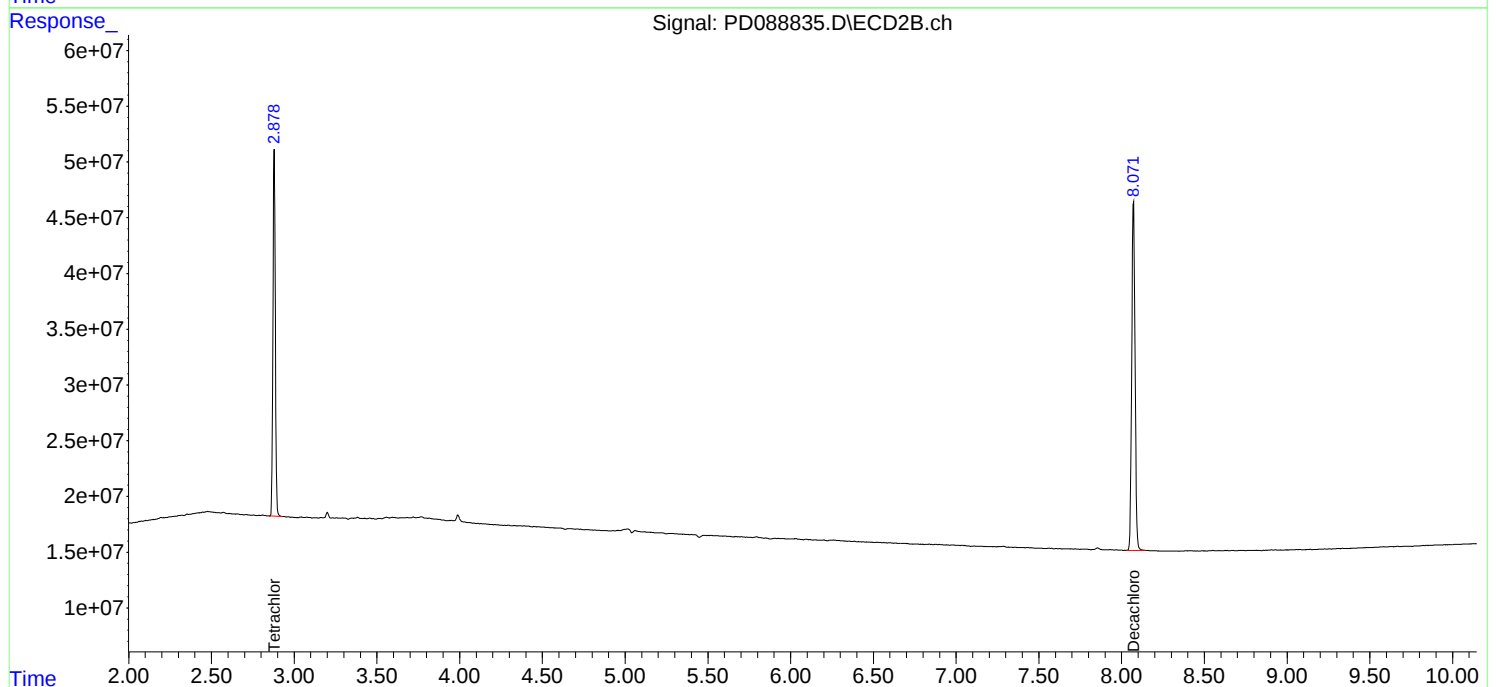
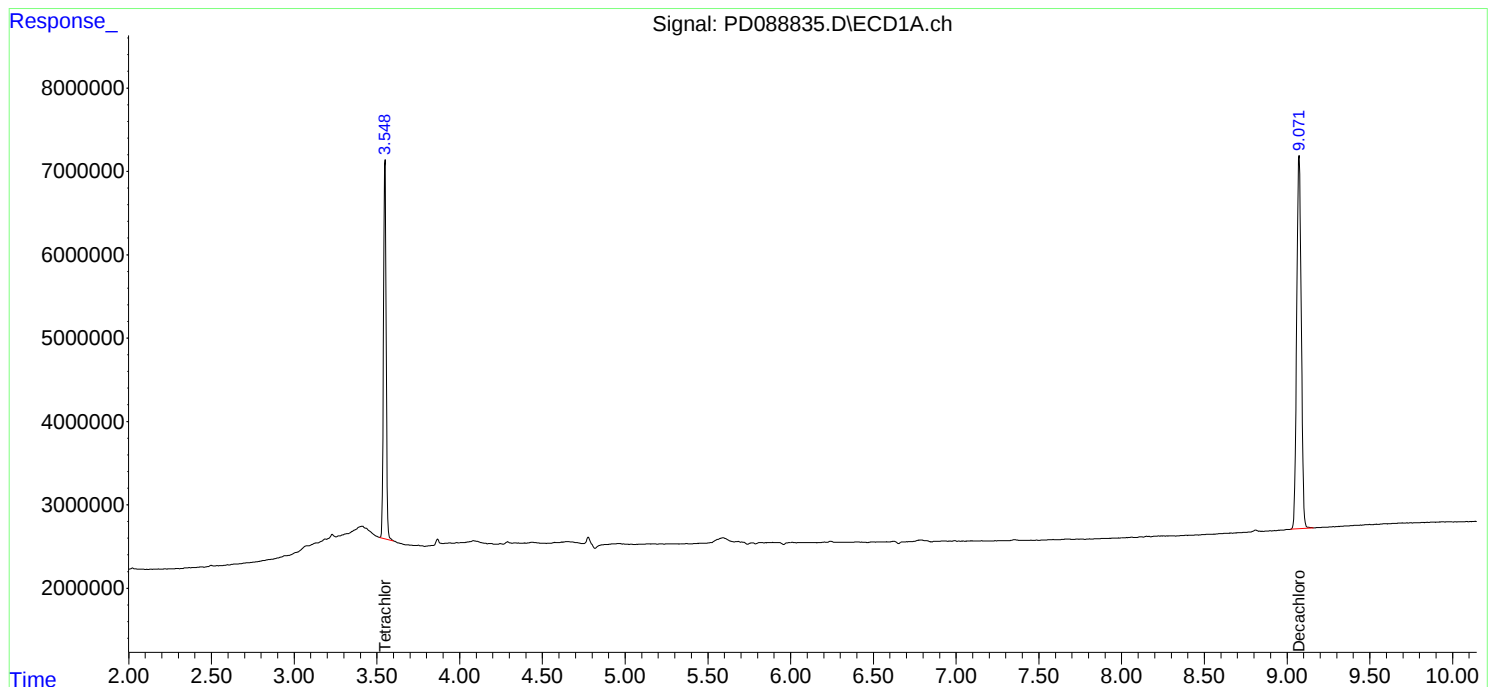
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

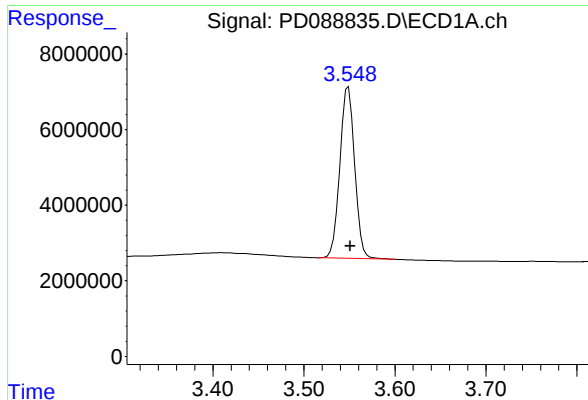
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088835.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 13:58
Operator : AR\AJ
Sample : PB168311TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB168311TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 15:22:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

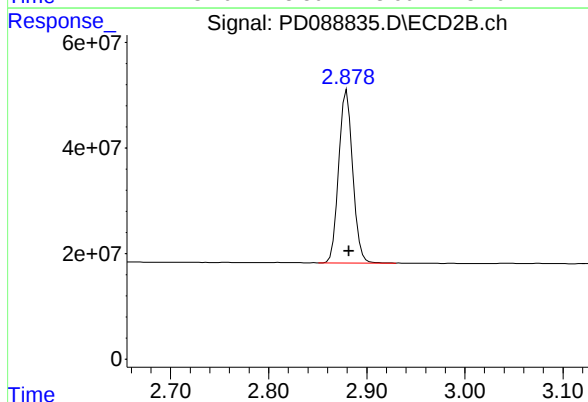




#1 Tetrachloro-m-xylene

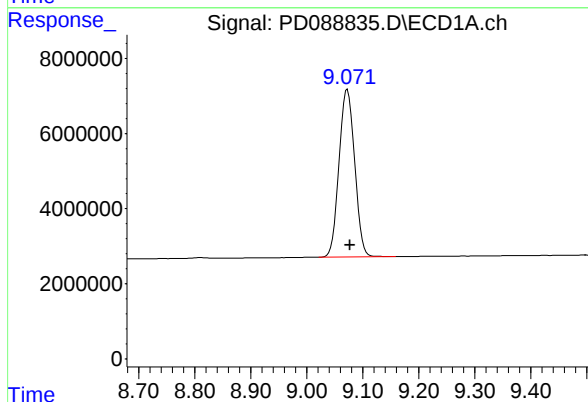
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 51235899
Conc: 23.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168311TB



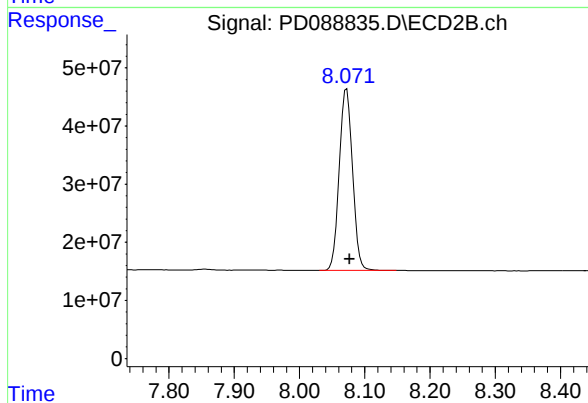
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 324888013
Conc: 21.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.005 min
Response: 86799254
Conc: 25.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 443427766
Conc: 24.29 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/04/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	WC-A4-05A-C	SDG No.:	Q2236
Lab Sample ID:	Q2236-03	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088860.D	1	06/06/25 12:32	06/10/25 13:27	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.4		30 (57) - 150 (171)	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		30 (61) - 150 (148)	96%	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_D\Data\PD061025\
Data File : PD088860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 13:27
Operator : AR\AJ
Sample : Q2236-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A4-05A-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:14:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.554	2.880	41335780	272.2E6	19.104	17.996
28) SA Decachlor...	9.079	8.074	73243061	362.7E6	21.402	19.870

Target Compounds

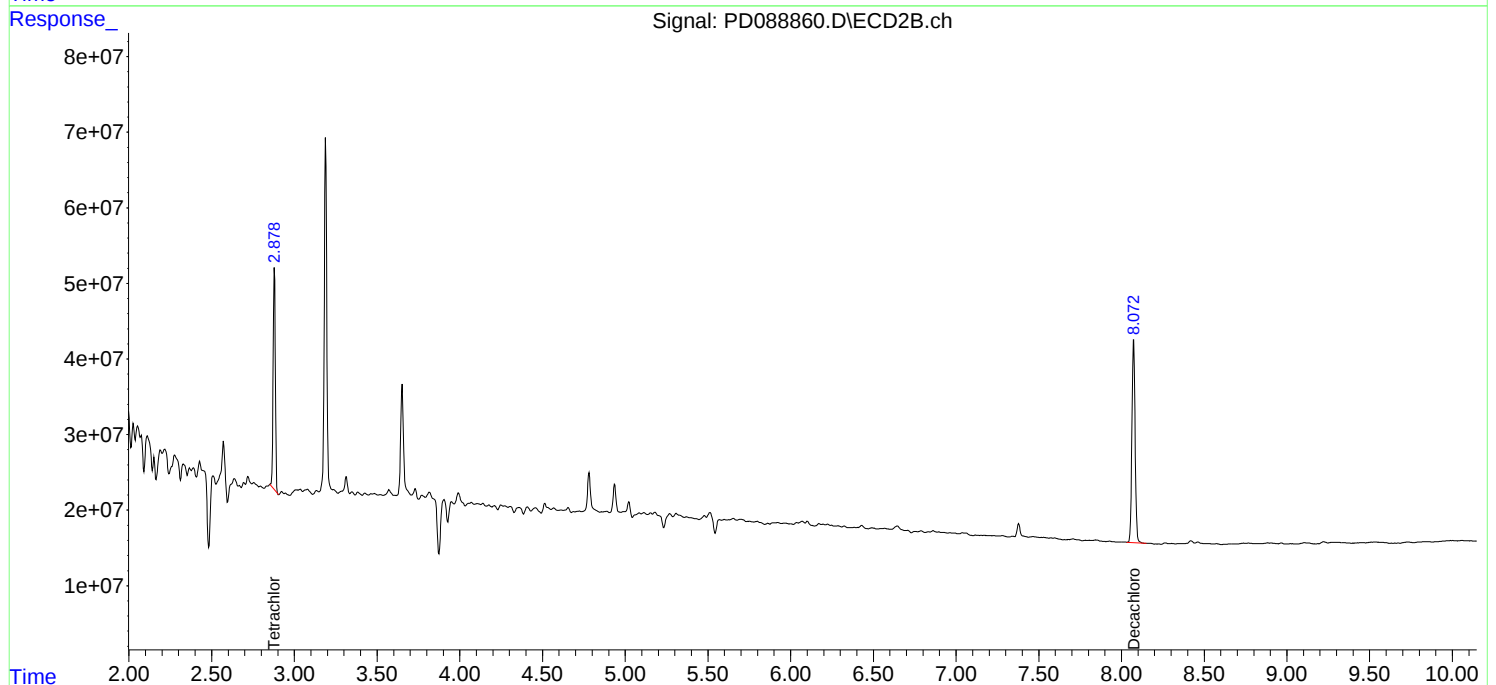
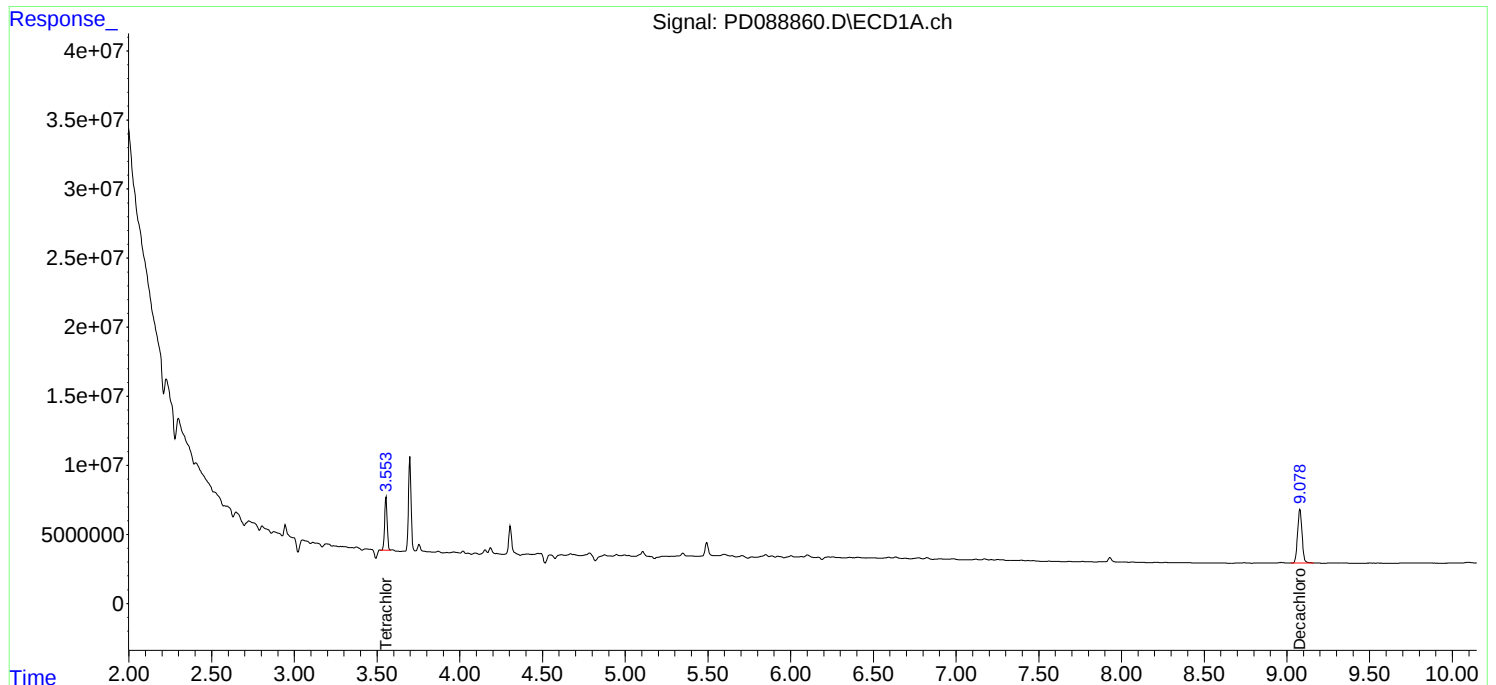
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

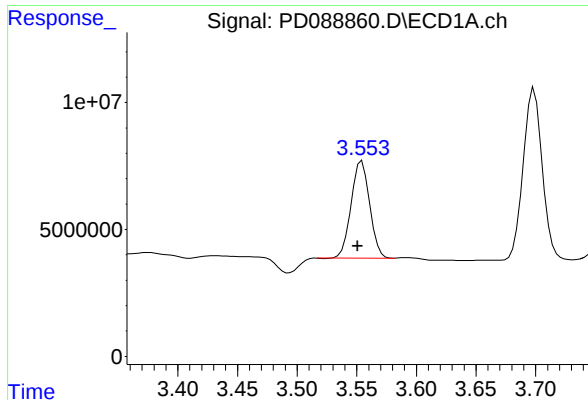
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 13:27
Operator : AR\AJ
Sample : Q2236-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A4-05A-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:14:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

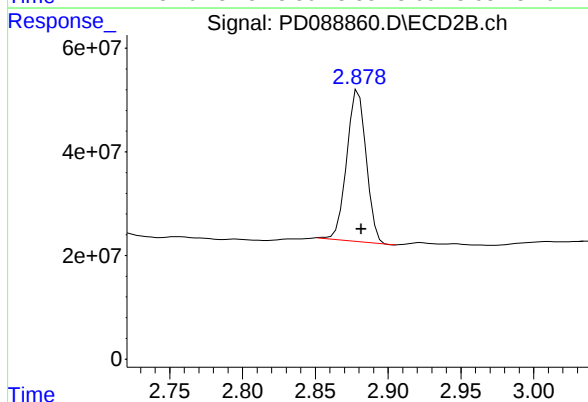




#1 Tetrachloro-m-xylene

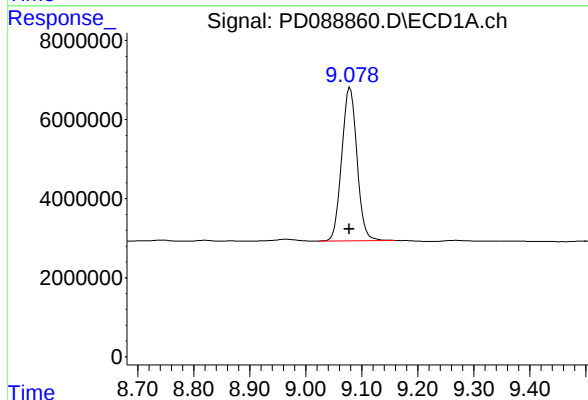
R.T.: 3.554 min
Delta R.T.: 0.003 min
Response: 41335780
Conc: 19.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A4-05A-C



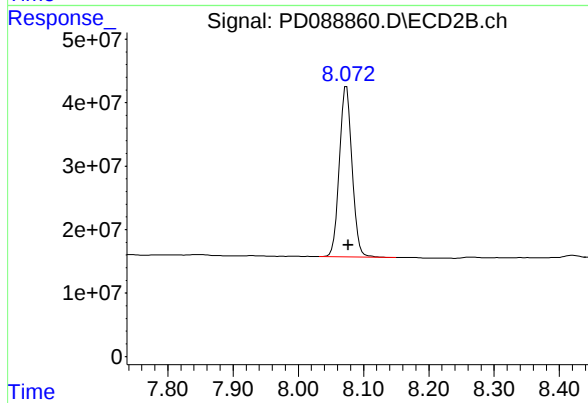
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 272219971
Conc: 18.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.002 min
Response: 73243061
Conc: 21.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 362744735
Conc: 19.87 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/04/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	WC-A2-04-C	SDG No.:	Q2236
Lab Sample ID:	Q2236-07	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088861.D	1	06/06/25 12:32	06/10/25 13:41	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.9		30 (57) - 150 (171)	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.1		30 (61) - 150 (148)	116%	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_D\Data\PD061025\
 Data File : PD088861.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 13:41
 Operator : AR\AJ
 Sample : Q2236-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-A2-04-C

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 14:14:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.880	50001098	261.0E6	23.109	17.256 #
28) SA Decachlor...	9.075	8.073	81810907	412.6E6	23.905	22.599

Target Compounds

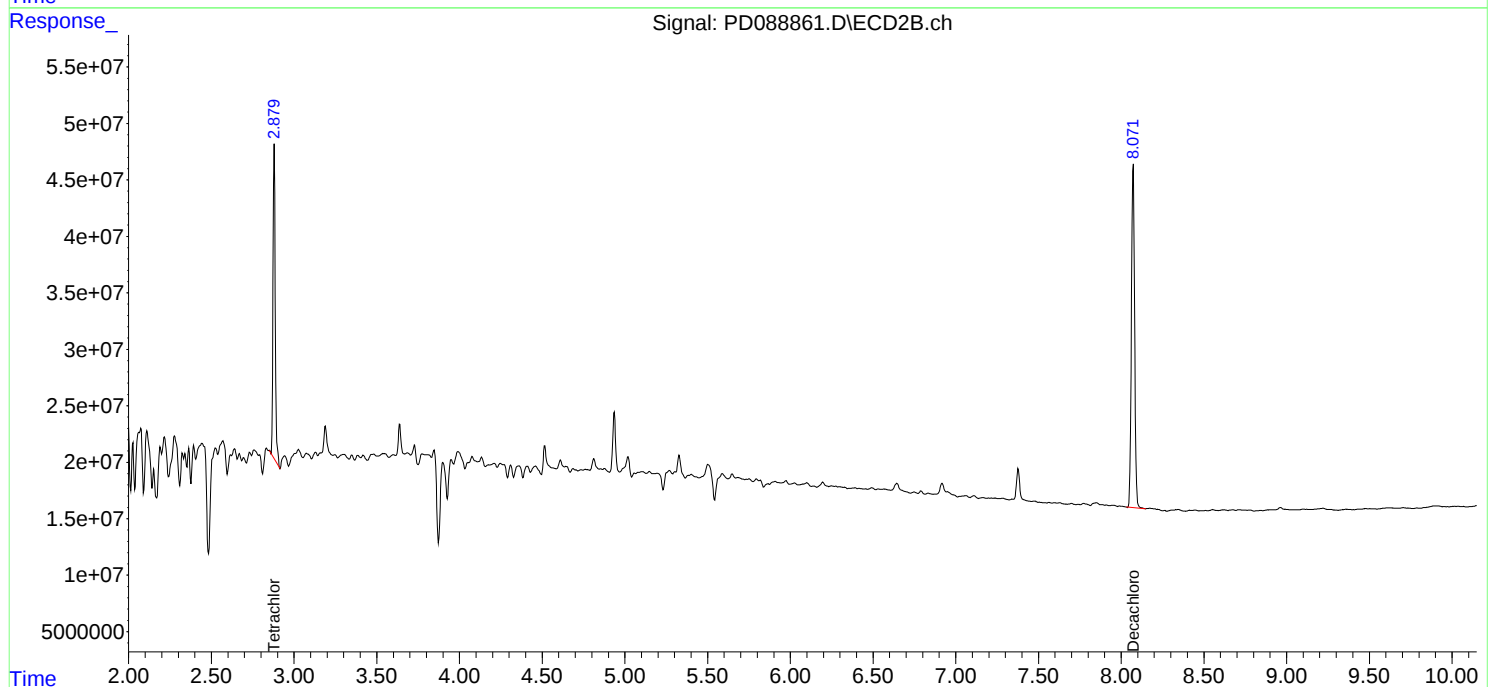
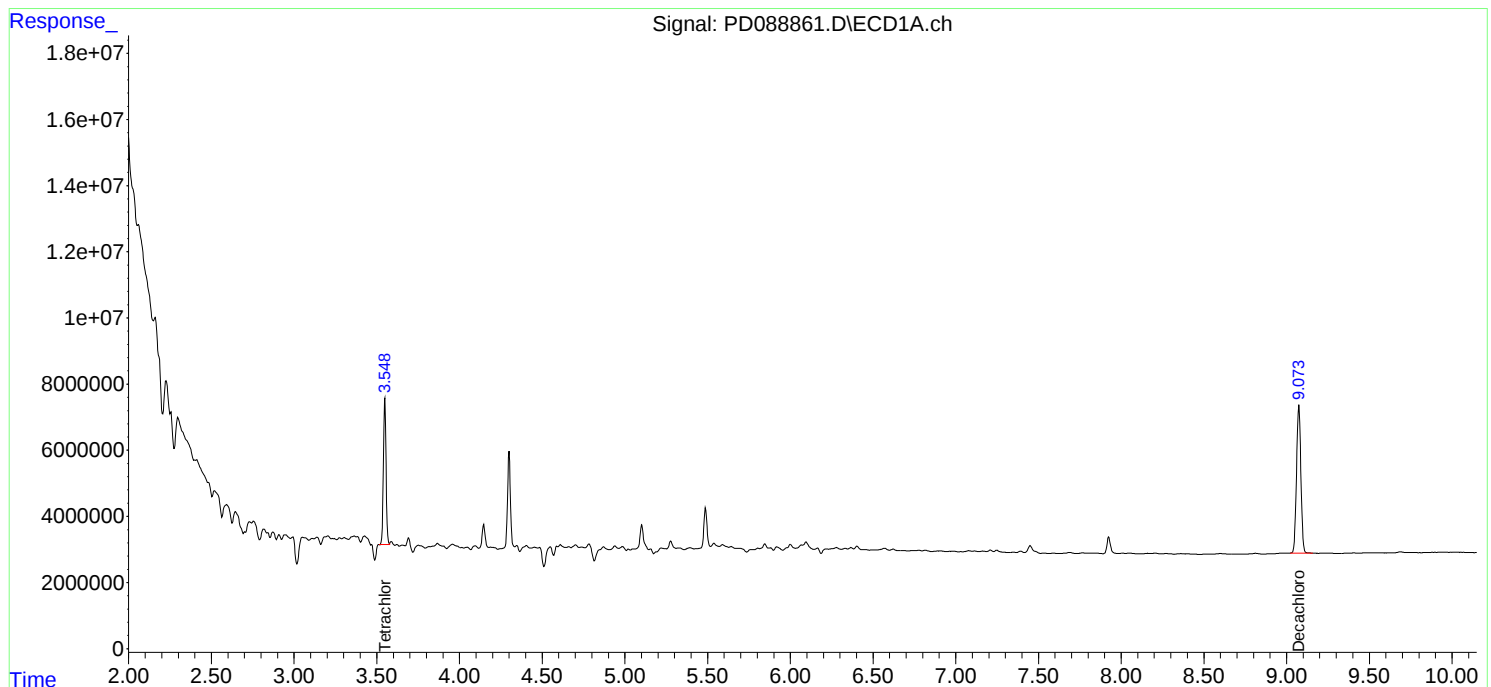
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

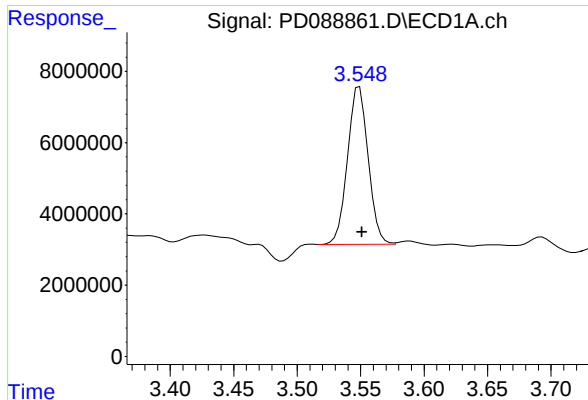
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 13:41
Operator : AR\AJ
Sample : Q2236-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-04-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:14:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

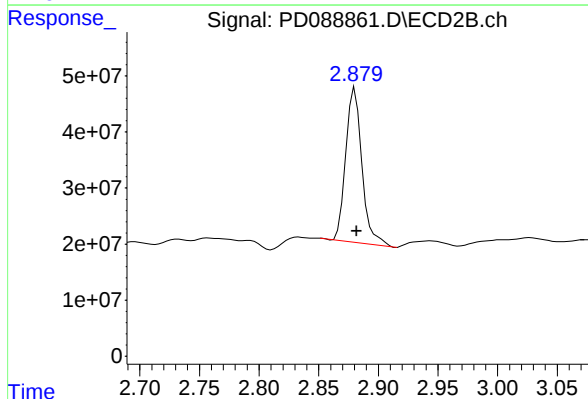




#1 Tetrachloro-m-xylene

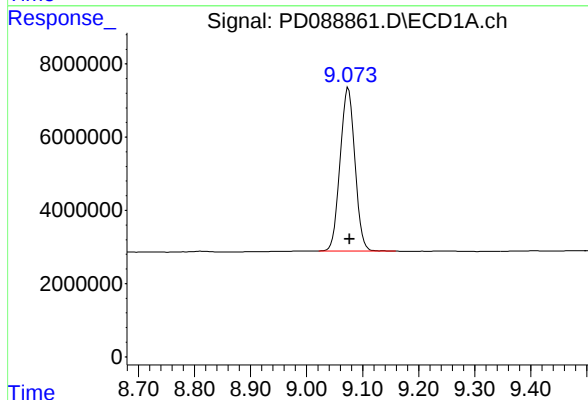
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 50001098
Conc: 23.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A2-04-C



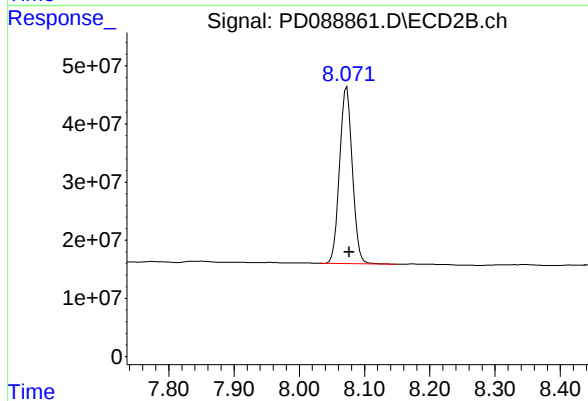
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.001 min
Response: 261025927
Conc: 17.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: -0.003 min
Response: 81810907
Conc: 23.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 412569916
Conc: 22.60 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/04/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	WC-A2-05-C	SDG No.:	Q2236
Lab Sample ID:	Q2236-11	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088862.D	1	06/06/25 12:32	06/10/25 13:54	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		30 (57) - 150 (171)	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		30 (61) - 150 (148)	111%	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_D\Data\PD061025\
Data File : PD088862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 13:54
Operator : AR\AJ
Sample : Q2236-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-05-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:15:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.880	48159843	308.8E6	22.258	20.417
28) SA Decachlor...	9.074	8.072	84581592	428.0E6	24.715	23.444

Target Compounds

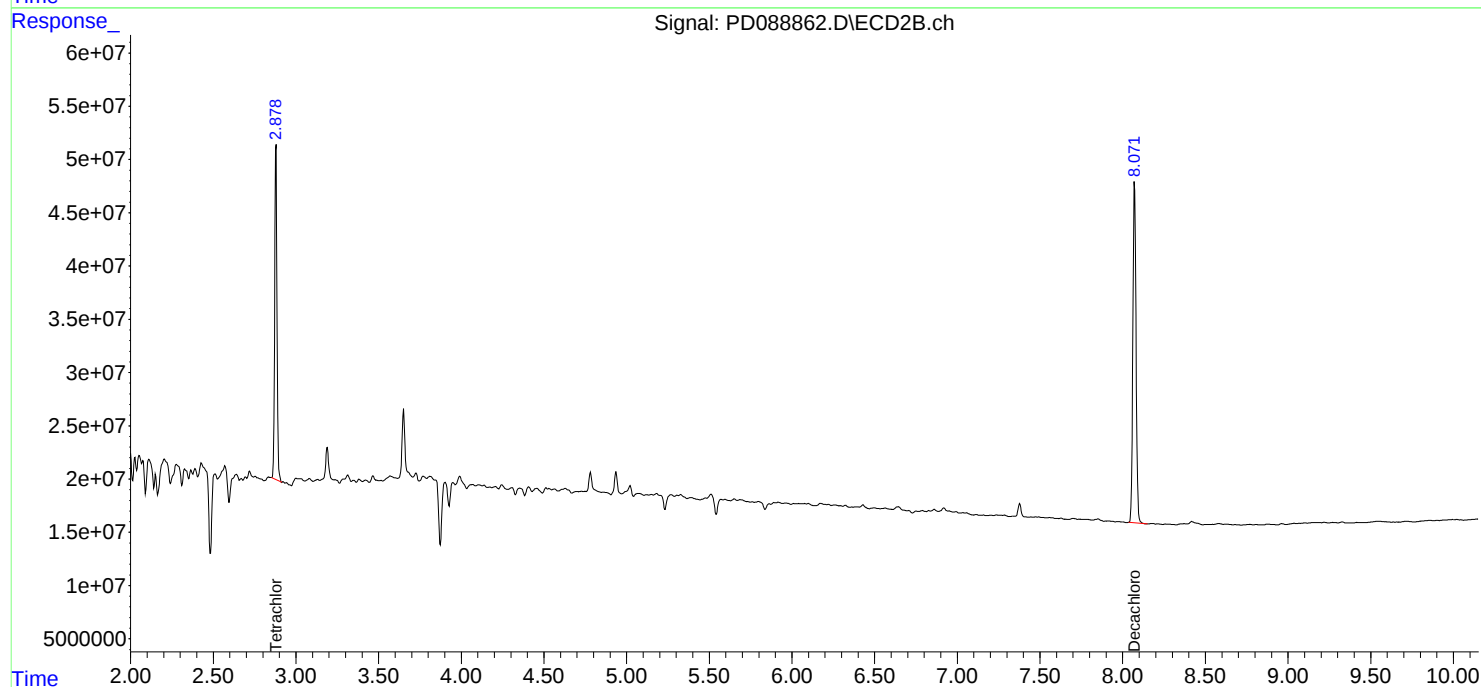
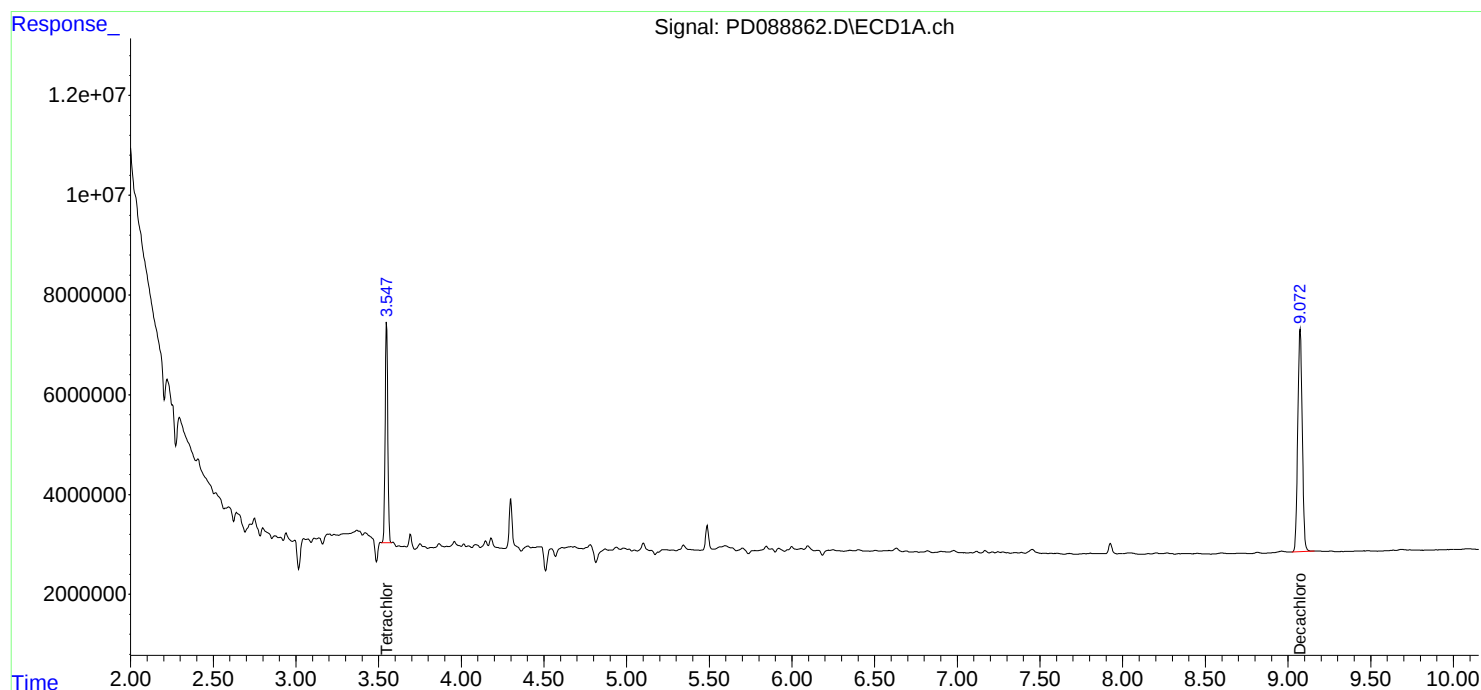
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

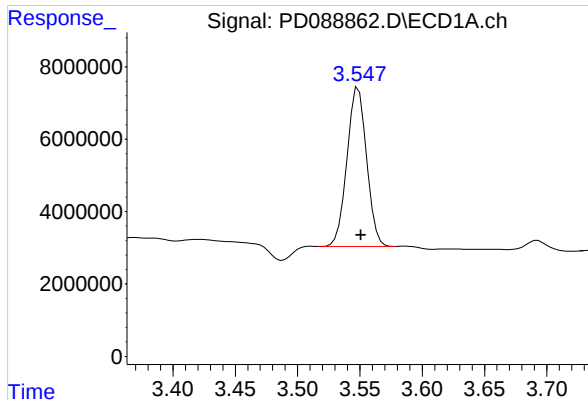
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 13:54
Operator : AR\AJ
Sample : Q2236-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-05-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:15:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

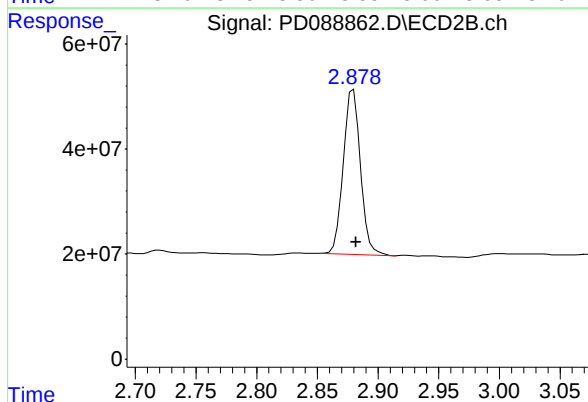




#1 Tetrachloro-m-xylene

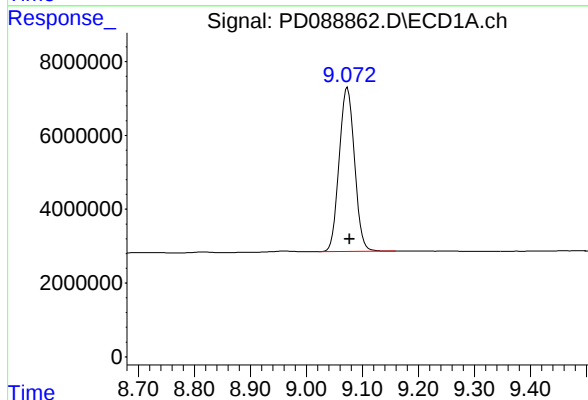
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 48159843
Conc: 22.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A2-05-C



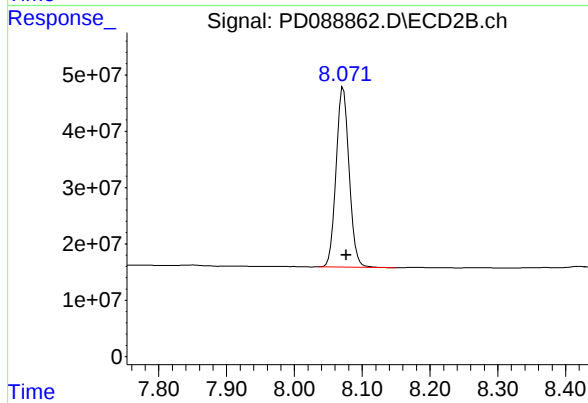
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 308842206
Conc: 20.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.004 min
Response: 84581592
Conc: 24.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 428000157
Conc: 23.44 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/04/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	WC-A2-06-C	SDG No.:	Q2236
Lab Sample ID:	Q2236-15	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088863.D	1	06/06/25 12:32	06/10/25 14:08	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.5		30 (57) - 150 (171)	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		30 (61) - 150 (148)	106%	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_D\Data\PD061025\
Data File : PD088863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:08
Operator : AR\AJ
Sample : Q2236-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-06-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:33:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.880	45874517	297.5E6	21.201	19.666
28)	SA Decachlor...	9.073	8.072	73549700	382.2E6	21.491	20.934

Target Compounds

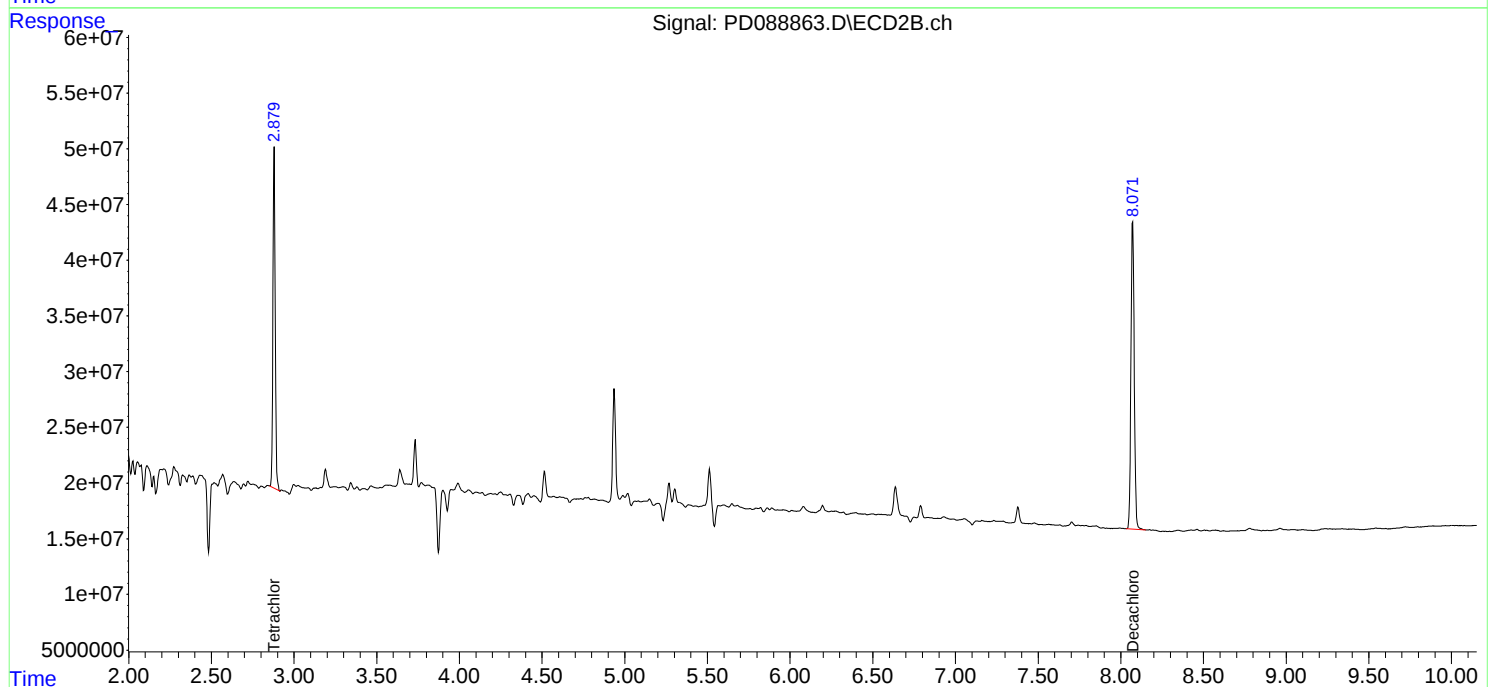
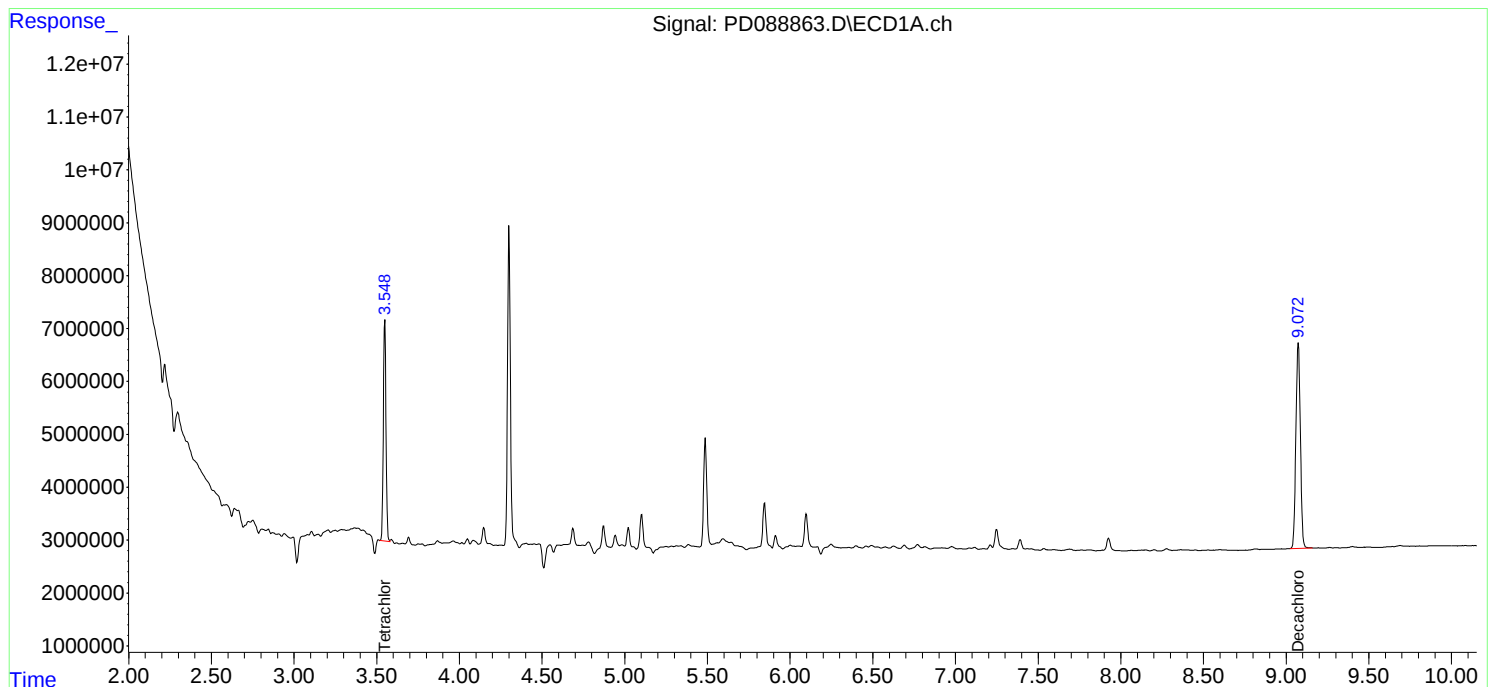
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

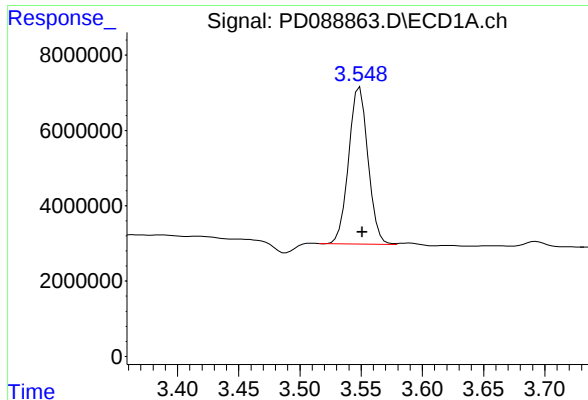
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:08
Operator : AR\AJ
Sample : Q2236-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-06-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:33:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

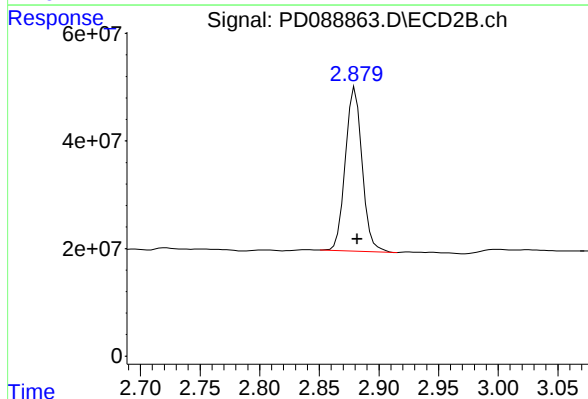




#1 Tetrachloro-m-xylene

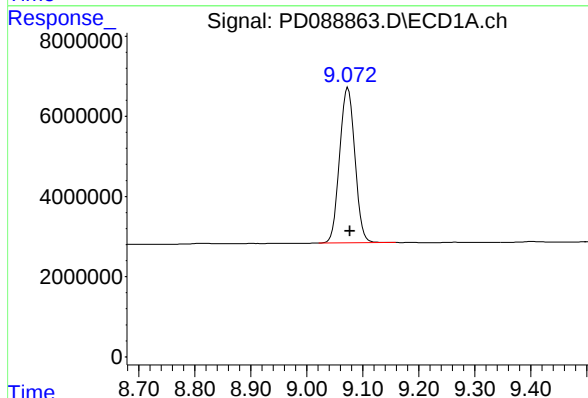
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 45874517
Conc: 21.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A2-06-C



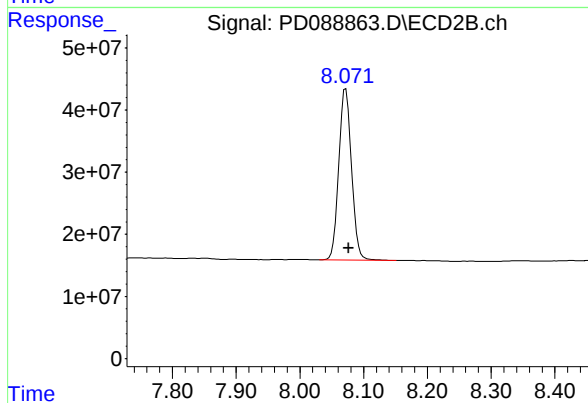
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 297479916
Conc: 19.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.004 min
Response: 73549700
Conc: 21.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 382171943
Conc: 20.93 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/04/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/04/25
Client Sample ID:	WC-A2-07-C	SDG No.:	Q2236
Lab Sample ID:	Q2236-19	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088864.D	1	06/06/25 12:32	06/10/25 14:22	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.000037	U	0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.000027	U	0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.000096	U	0.000096	0.00050	mg/L
72-20-8	Endrin	0.000032	U	0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.00011	U	0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		30 (57) - 150 (171)	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		30 (61) - 150 (148)	114%	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_D\Data\PD061025\
Data File : PD088864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:22
Operator : AR\AJ
Sample : Q2236-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-07-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:34:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.881	49207044	264.0E6	22.742	17.451
28) SA Decachlor...	9.072	8.072	78416987	404.7E6	22.913	22.169

Target Compounds

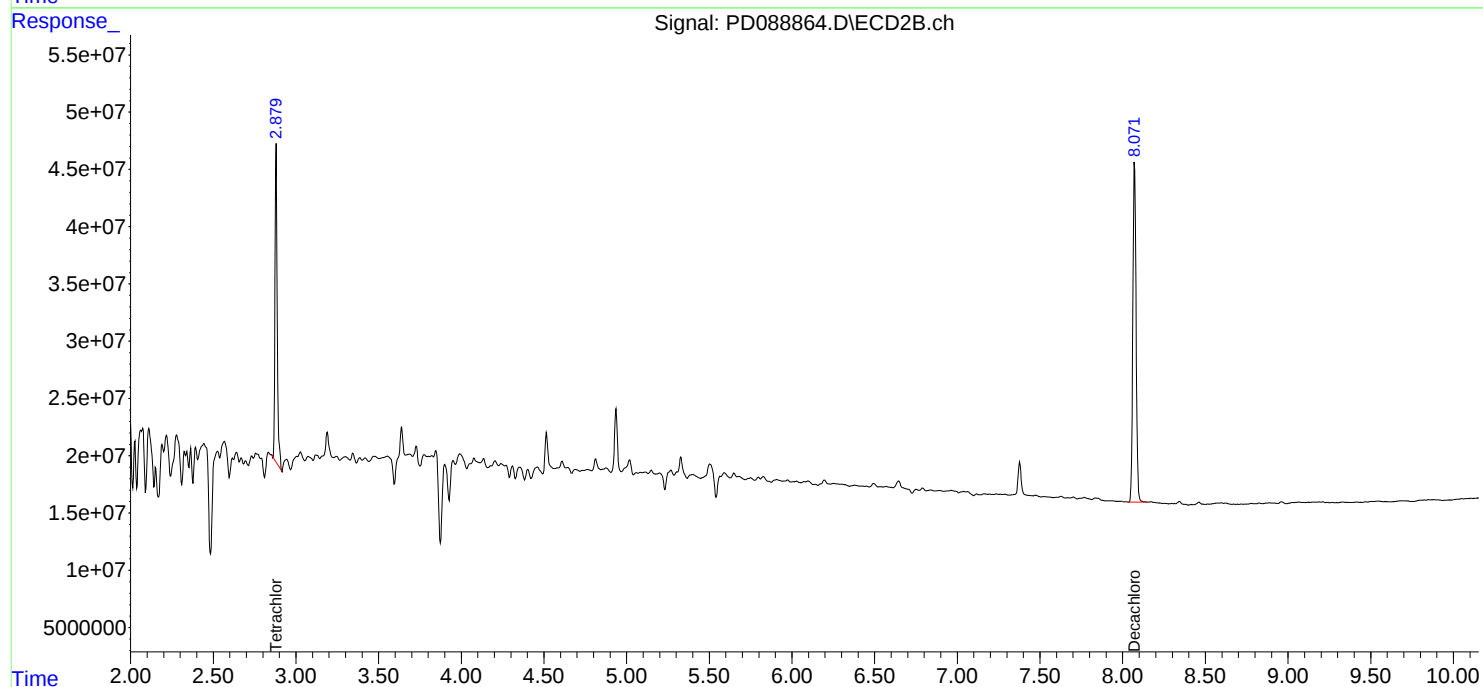
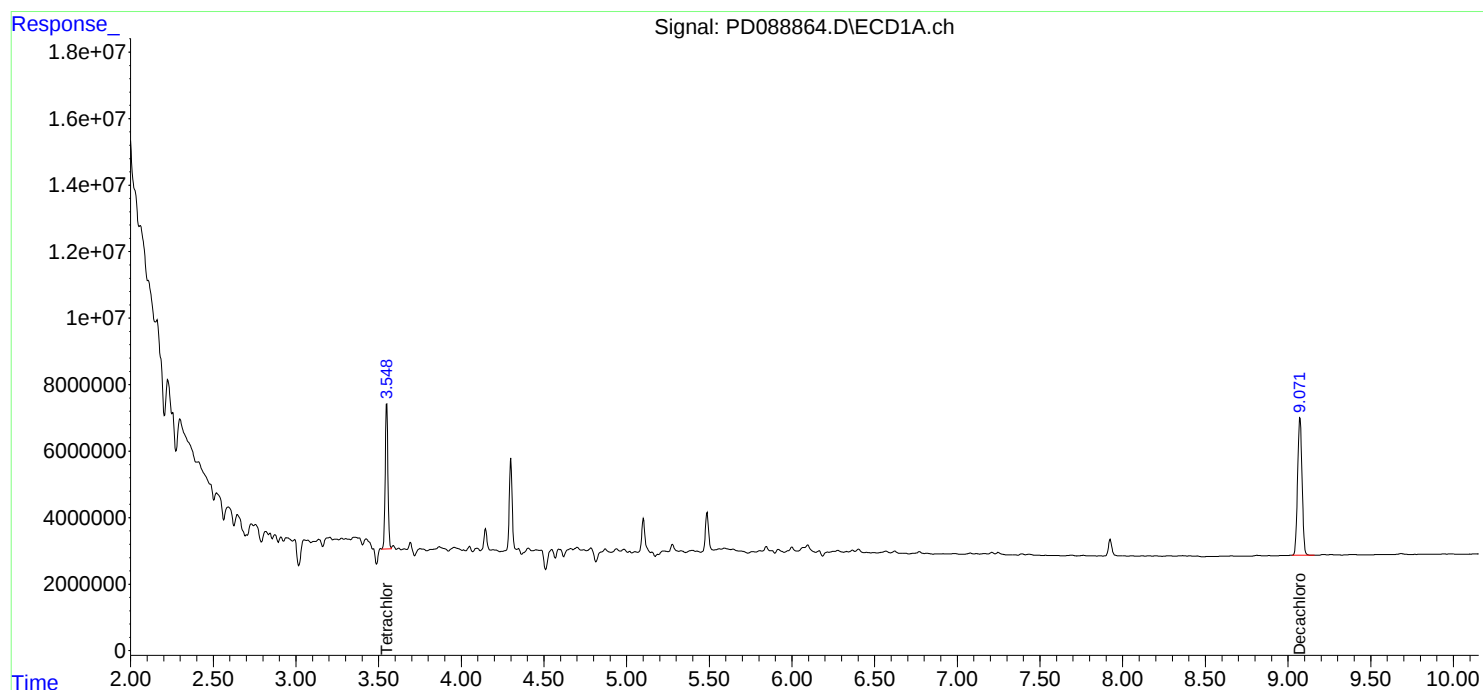
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

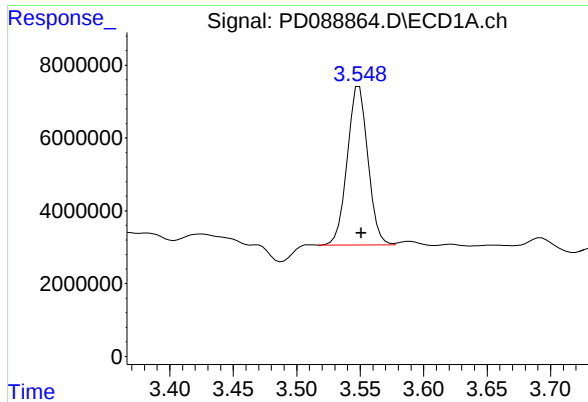
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088864.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:22
Operator : AR\AJ
Sample : Q2236-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-07-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:34:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

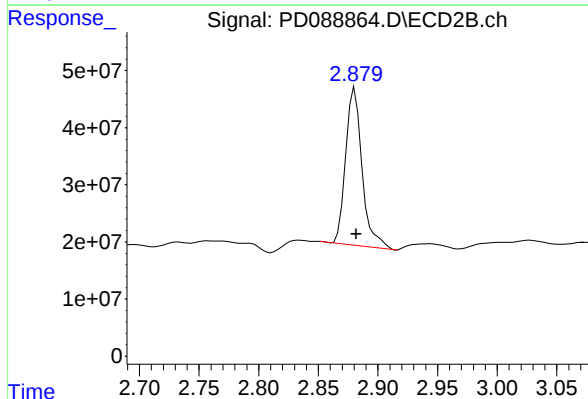




#1 Tetrachloro-m-xylene

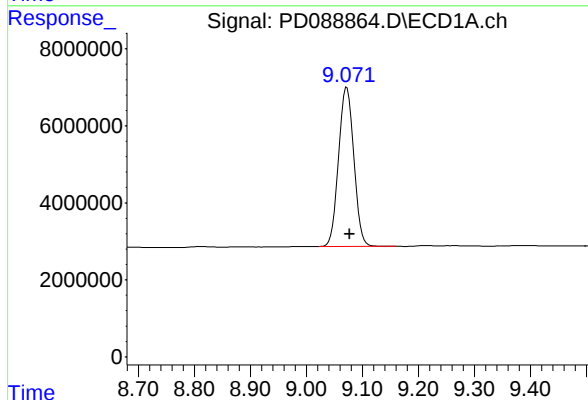
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 49207044
Conc: 22.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A2-07-C



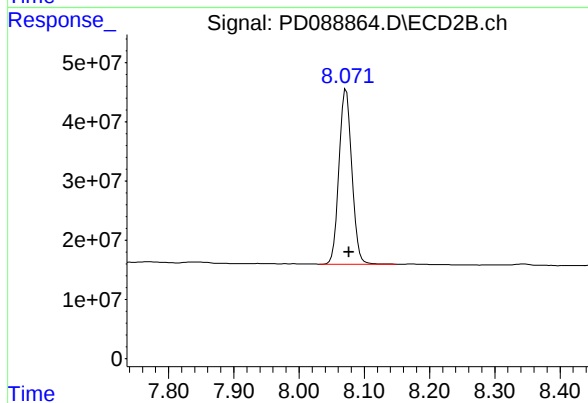
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 263974103
Conc: 17.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.005 min
Response: 78416987
Conc: 22.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 404726847
Conc: 22.17 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	<u>ENTA05</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2236</u>	SAS No.:	<u>Q2236</u>	SDG NO.:	<u>Q2236</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):		<u>05/19/2025</u>	<u>05/19/2025</u>		
		Calibration Times:		<u>11:31</u>	<u>12:25</u>		

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

LAB FILE ID:	RT 100 =	<u>PD088586.D</u>	RT 075 =	<u>PD088587.D</u>
	RT 050 =	PD088588.D	RT 025 =	PD088589.D
			RT 005 =	PD088590.D

[illegible]

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

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Instrument ID: ECD_D

Calibration Date(s): 05/19/2025 05/19/2025

Calibration Times: 11:31 12:25

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

LAB FILE ID:		CF 100 =	<u>PD088586.D</u>	CF 075 =	<u>PD088587.D</u>		
CF 050 =		<u>PD088588.D</u>	CF 025 =	<u>PD088589.D</u>	CF 005 =	<u>PD088590.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3171750000	3154190000	3328750000	3504210000	3952750000	3422330000	10
Endrin	3544350000	3400630000	3391880000	3322590000	3416420000	3415180000	2
gamma-BHC (Lindane)	4951240000	4675430000	4617130000	4438320000	4331460000	4602720000	5
Heptachlor	4681230000	4453430000	4445350000	4335710000	4440380000	4471220000	3
Heptachlor epoxide	4018350000	3865780000	3896760000	3892850000	4172720000	3969290000	3
Methoxychlor	1605530000	1584480000	1642420000	1697880000	1822460000	1670550000	6
Tetrachloro-m-xylene	2149340000	2072320000	2122010000	2161140000	2313950000	2163750000	4



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Instrument ID: ECD_D

Calibration Date(s): 05/19/2025 05/19/2025

Calibration Times: 11:31 12:25

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

LAB FILE ID:		CF 100 =	<u>PD088586.D</u>	CF 075 =	<u>PD088587.D</u>		
CF 050 =		<u>PD088588.D</u>	CF 025 =	<u>PD088589.D</u>	CF 005 =	<u>PD088590.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	16504300000	16618500000	17317300000	18707400000	22133900000	18256300000	13
Endrin	17557800000	17708400000	18459500000	19851800000	22842600000	19284000000	11
gamma-BHC (Lindane)	21035300000	20781600000	21450400000	22534500000	25026800000	22165700000	8
Heptachlor	20762900000	20801500000	21647900000	23011300000	26050900000	22454900000	10
Heptachlor epoxide	18126800000	18251100000	19076900000	20442600000	23459100000	19871300000	11
Methoxychlor	8571980000	8801040000	9285240000	10058400000	11157300000	9574790000	11
Tetrachloro-m-xylene	14104900000	13970700000	14552300000	15457700000	17548700000	15126900000	10



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Instrument ID: ECD_D Date(s) Analyzed: 05/19/2025 05/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.72	4.62	4.82	175277000
		2	5.24	5.14	5.34	179454000
		3	5.95	5.85	6.05	741371000
		4	6.03	5.93	6.13	889415000
		5	6.87	6.77	6.97	150936000
Toxaphene	500	1	6.24	6.14	6.34	26389700
		2	6.44	6.34	6.54	38119600
		3	7.15	7.05	7.25	72288300
		4	7.57	7.47	7.67	91412700
		5	7.93	7.83	8.03	52259600



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Instrument ID: ECD_D Date(s) Analyzed: 05/19/2025 05/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.91	3.81	4.01	813076000
		2	4.49	4.39	4.59	822692000
		3	5.13	5.03	5.23	2571520000
		4	5.19	5.09	5.29	2143050000
		5	6.09	5.99	6.19	983052000
Toxaphene	500	1	5.48	5.38	5.58	139231000
		2	5.65	5.55	5.75	94078800
		3	6.76	6.66	6.86	437083000
		4	7.20	7.10	7.30	311285000
		5	7.33	7.23	7.43	216975000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 11:31
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 12:44:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 12:41:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.550	2.881	214.9E6	1410.5E6	100.640	98.439
2) SA Decachlor...	9.076	8.076	317.2E6	1650.4E6	97.585	97.596
Target Compounds						
2) A alpha-BHC	4.000	3.394	524.4E6	2281.4E6	103.930	99.026
3) MA gamma-BHC...	4.331	3.731	495.1E6	2103.5E6	103.492	99.023
4) MA Heptachlor	4.931	4.085	468.1E6	2076.3E6	102.584	97.913
5) MB Aldrin	5.273	4.371	459.6E6	2042.9E6	102.512	98.179
6) B beta-BHC	4.516	4.027	176.6E6	886.5E6	100.163	97.589
7) B delta-BHC	4.765	4.264	458.1E6	2112.6E6	104.014	98.953
8) B Heptachlo...	5.693	4.875	401.8E6	1812.7E6	101.536	97.446
9) A Endosulfan I	6.077	5.250	380.1E6	1729.7E6	101.233	97.439
10) B gamma-Chl...	5.948	5.128	412.4E6	1982.5E6	102.141	98.414
11) B alpha-Chl...	6.029	5.193	407.7E6	1904.9E6	101.529	98.142
12) B 4,4'-DDE	6.198	5.378	377.5E6	1930.9E6	102.541	98.124
13) MA Dieldrin	6.349	5.515	416.9E6	1938.3E6	102.216	97.907
14) MA Endrin	6.576	5.792	354.4E6	1755.8E6	102.198	97.496
15) B Endosulfa...	6.788	6.083	342.5E6	1667.1E6	100.933	97.341
16) A 4,4'-DDD	6.707	5.932	291.4E6	1606.4E6	102.370	97.977
17) MA 4,4'-DDT	7.023	6.187	325.9E6	1728.0E6	102.124	98.564
18) B Endrin al...	6.917	6.261	250.3E6	1243.2E6	99.832	96.806
19) B Endosulfa...	7.152	6.485	318.6E6	1609.8E6	100.650	97.278
20) A Methoxychlor	7.495	6.757	160.6E6	857.2E6	98.864	96.006
21) B Endrin ke...	7.632	6.994	343.4E6	1746.9E6	100.663	96.850
22) Mirex	8.117	7.189	240.8E6	1351.3E6	97.999	96.782

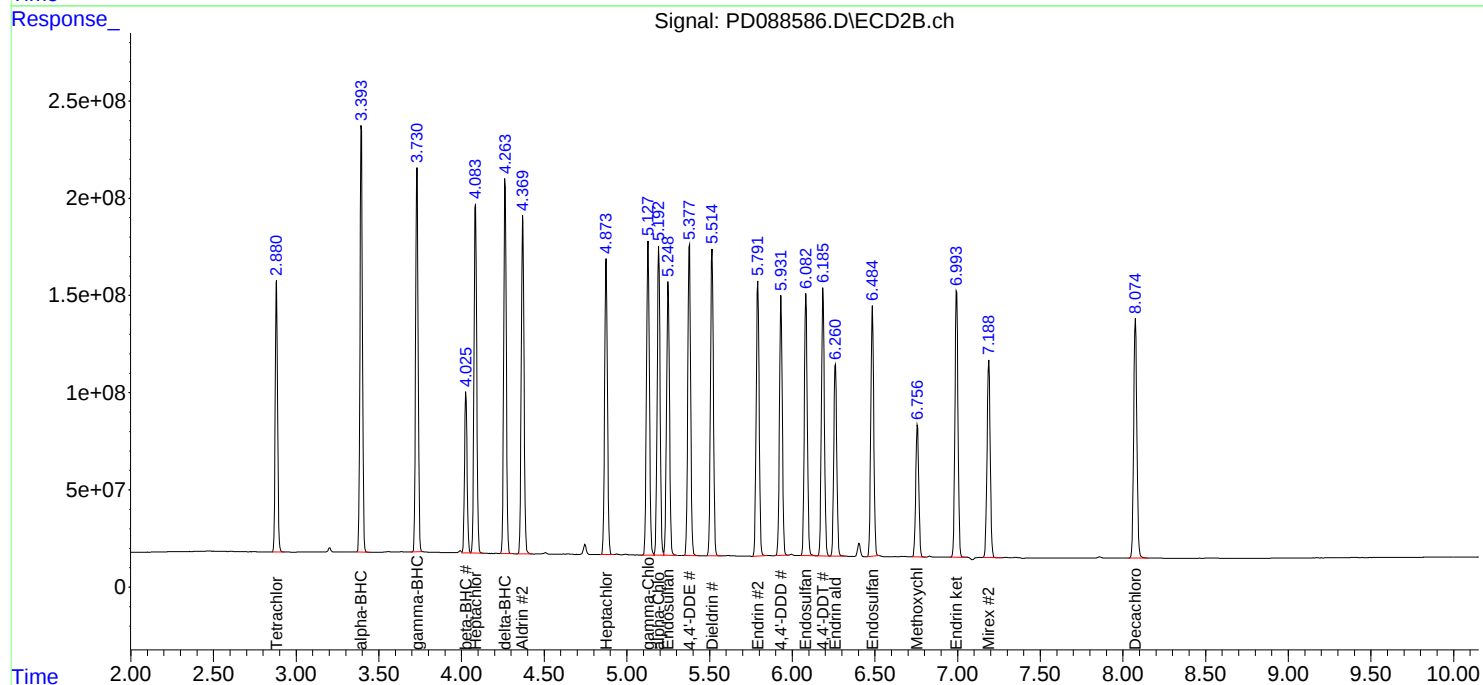
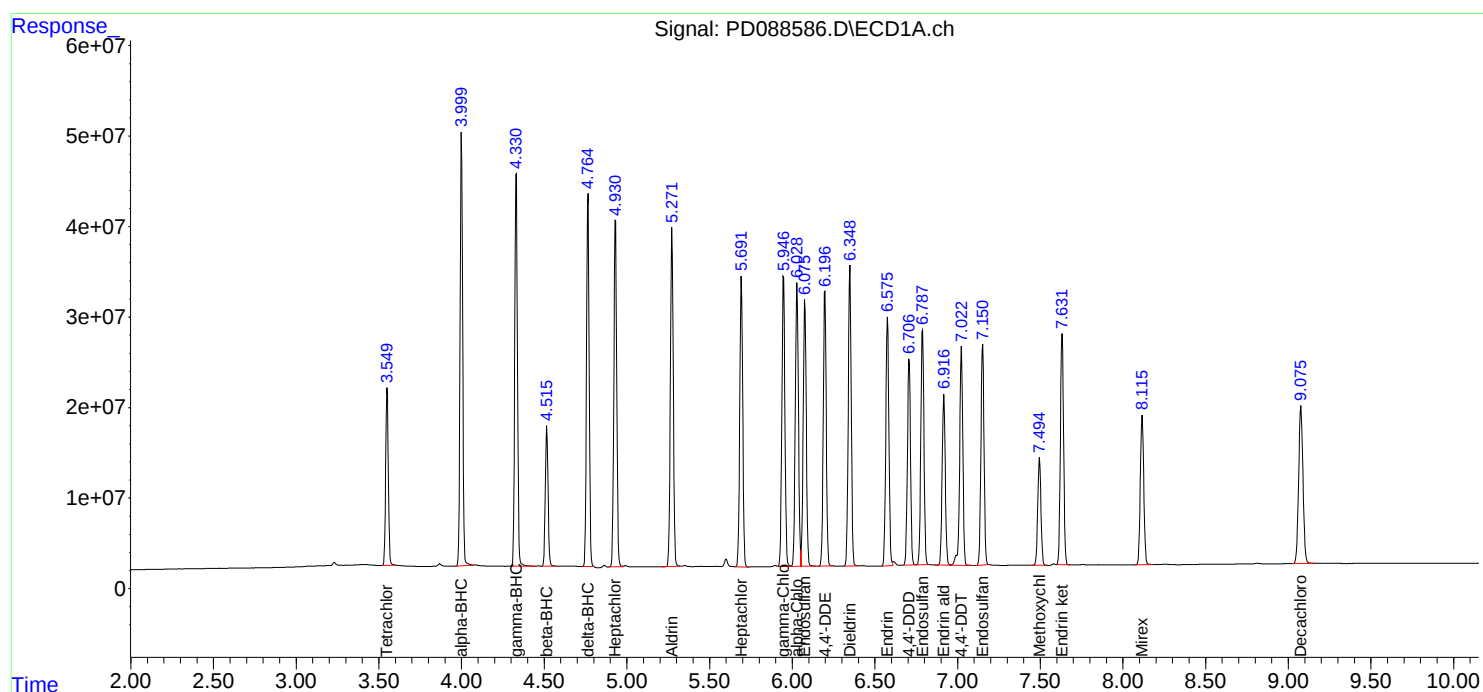
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:31
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 12:44:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 12:41:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088587.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 11:45
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 12:46:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 12:41:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.551	2.882	155.4E6	1047.8E6	73.502	73.741
2) SA Decachlor...	9.077	8.076	236.6E6	1246.4E6	73.507	74.131
Target Compounds						
2) A alpha-BHC	4.000	3.394	369.6E6	1685.3E6	73.825	73.757
3) MA gamma-BHC...	4.331	3.731	350.7E6	1558.6E6	73.855	73.906
4) MA Heptachlor	4.931	4.084	334.0E6	1560.1E6	73.787	74.042
5) MB Aldrin	5.273	4.371	328.7E6	1531.8E6	73.861	74.071
6) B beta-BHC	4.516	4.026	128.8E6	665.4E6	73.704	73.827
7) B delta-BHC	4.765	4.263	322.6E6	1565.6E6	73.818	73.880
8) B Heptachlo...	5.693	4.875	289.9E6	1368.8E6	73.832	74.051
9) A Endosulfan I	6.077	5.249	275.8E6	1309.1E6	73.959	74.160
10) B gamma-Chl...	5.948	5.128	296.2E6	1485.0E6	73.899	74.141
11) B alpha-Chl...	6.029	5.193	294.6E6	1430.9E6	73.906	74.143
12) B 4,4'-DDE	6.198	5.378	270.8E6	1456.7E6	74.039	74.349
13) MA Dieldrin	6.349	5.515	299.6E6	1459.1E6	73.975	74.129
14) MA Endrin	6.577	5.792	255.0E6	1328.1E6	74.021	74.162
15) B Endosulfa...	6.788	6.083	249.1E6	1263.7E6	73.931	74.189
16) A 4,4'-DDD	6.707	5.933	209.9E6	1212.8E6	74.159	74.311
17) MA 4,4'-DDT	7.023	6.186	234.4E6	1298.6E6	73.963	74.380
18) B Endrin al...	6.917	6.262	184.4E6	951.1E6	74.019	74.374
19) B Endosulfa...	7.151	6.485	232.2E6	1221.0E6	73.906	74.185
20) A Methoxychlor	7.495	6.757	118.8E6	660.1E6	73.774	74.282
21) B Endrin ke...	7.633	6.995	250.6E6	1333.4E6	73.967	74.279
22) Mirex	8.117	7.189	179.6E6	1033.8E6	73.718	74.359

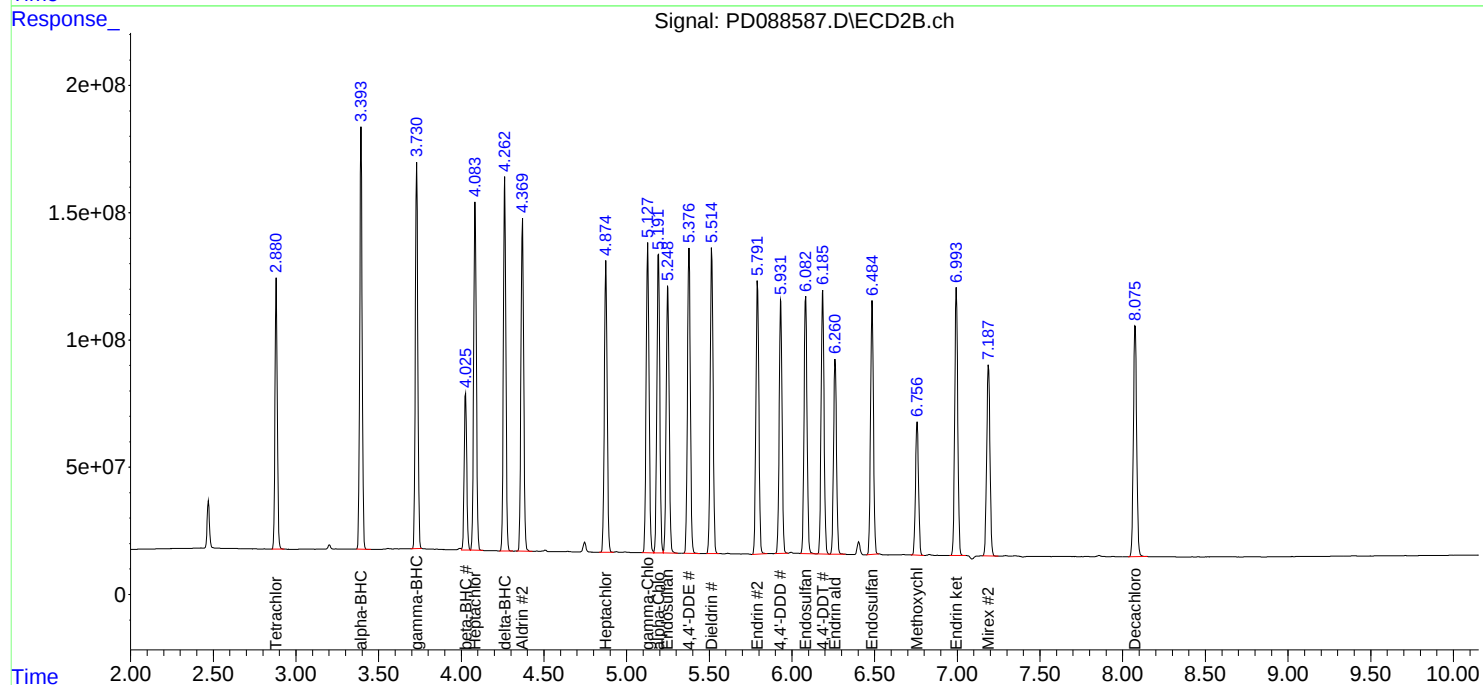
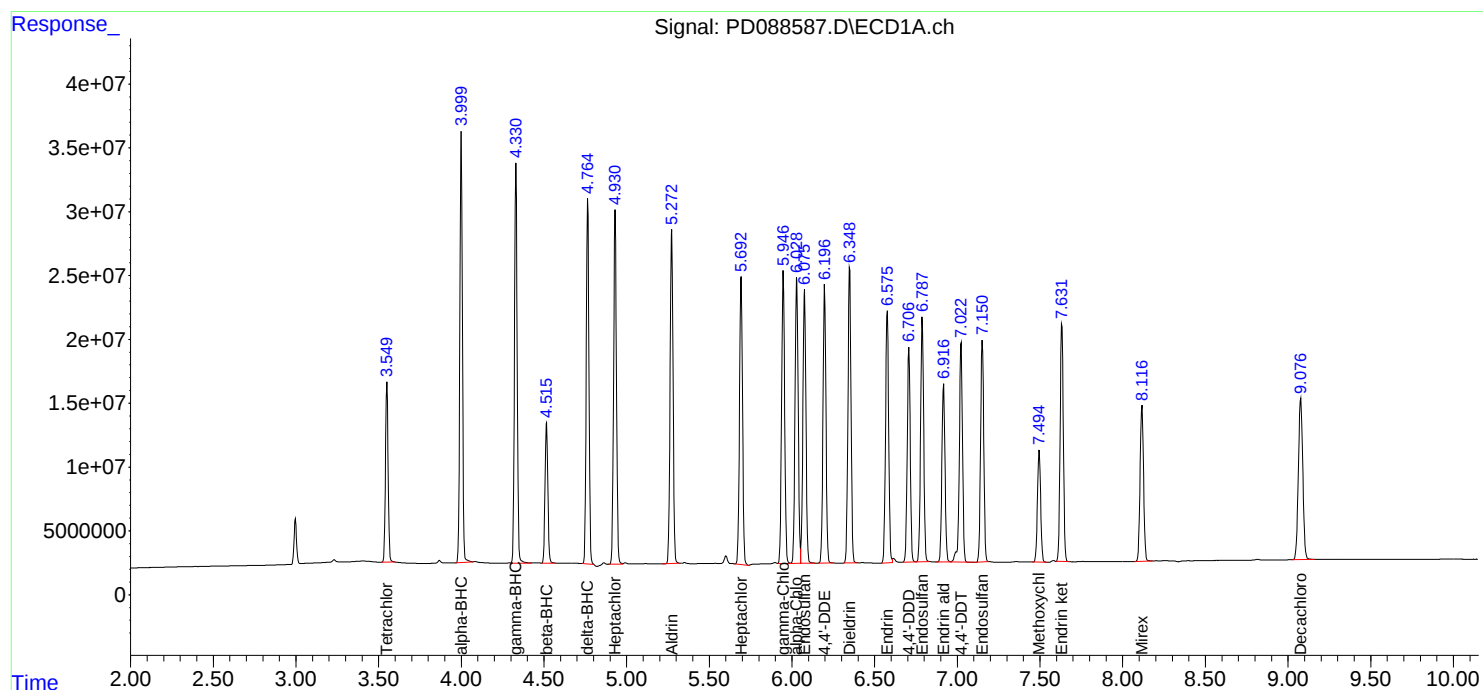
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:45
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 12:46:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 12:41:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 11:58
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 12:42:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 12:41:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.551	2.882	106.1E6	727.6E6	50.000	50.000
28)	SA Decachlor...	9.077	8.077	166.4E6	865.9E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	4.000	3.394	242.4E6	1163.1E6	50.000	50.000
3)	MA gamma-BHC...	4.332	3.731	230.9E6	1072.5E6	50.000	50.000
4)	MA Heptachlor	4.932	4.085	222.3E6	1082.4E6	50.000	50.000
5)	MB Aldrin	5.273	4.371	218.6E6	1059.4E6	50.000	50.000
6)	B beta-BHC	4.517	4.027	88017766	465.1E6	50.000	50.000
7)	B delta-BHC	4.766	4.264	211.4E6	1078.7E6	50.000	50.000
8)	B Heptachlo...	5.693	4.875	194.8E6	953.8E6	50.000	50.000
9)	A Endosulfan I	6.077	5.250	185.4E6	910.3E6	50.000	50.000
10)	B gamma-Chl...	5.948	5.129	197.6E6	1023.2E6	50.000	50.000
11)	B alpha-Chl...	6.030	5.194	197.7E6	988.5E6	50.000	50.000
12)	B 4,4'-DDE	6.198	5.378	179.4E6	1002.3E6	50.000	50.000
13)	MA Dieldrin	6.350	5.516	199.4E6	1010.6E6	50.000	50.000
14)	MA Endrin	6.577	5.792	169.6E6	923.0E6	50.000	50.000
15)	B Endosulfa...	6.788	6.084	168.1E6	879.1E6	50.000	50.000
16)	A 4,4'-DDD	6.708	5.933	139.0E6	836.3E6	50.000	50.000
17)	MA 4,4'-DDT	7.023	6.187	156.2E6	889.1E6	50.000	50.000
18)	B Endrin al...	6.917	6.262	125.6E6	662.6E6	50.000	50.000
19)	B Endosulfa...	7.152	6.486	157.2E6	850.0E6	50.000	50.000
20)	A Methoxychlor	7.495	6.758	82121190	464.3E6	50.000	50.000
21)	B Endrin ke...	7.633	6.995	169.4E6	930.3E6	50.000	50.000
22)	Mirex	8.117	7.189	125.3E6	720.6E6	50.000	50.000

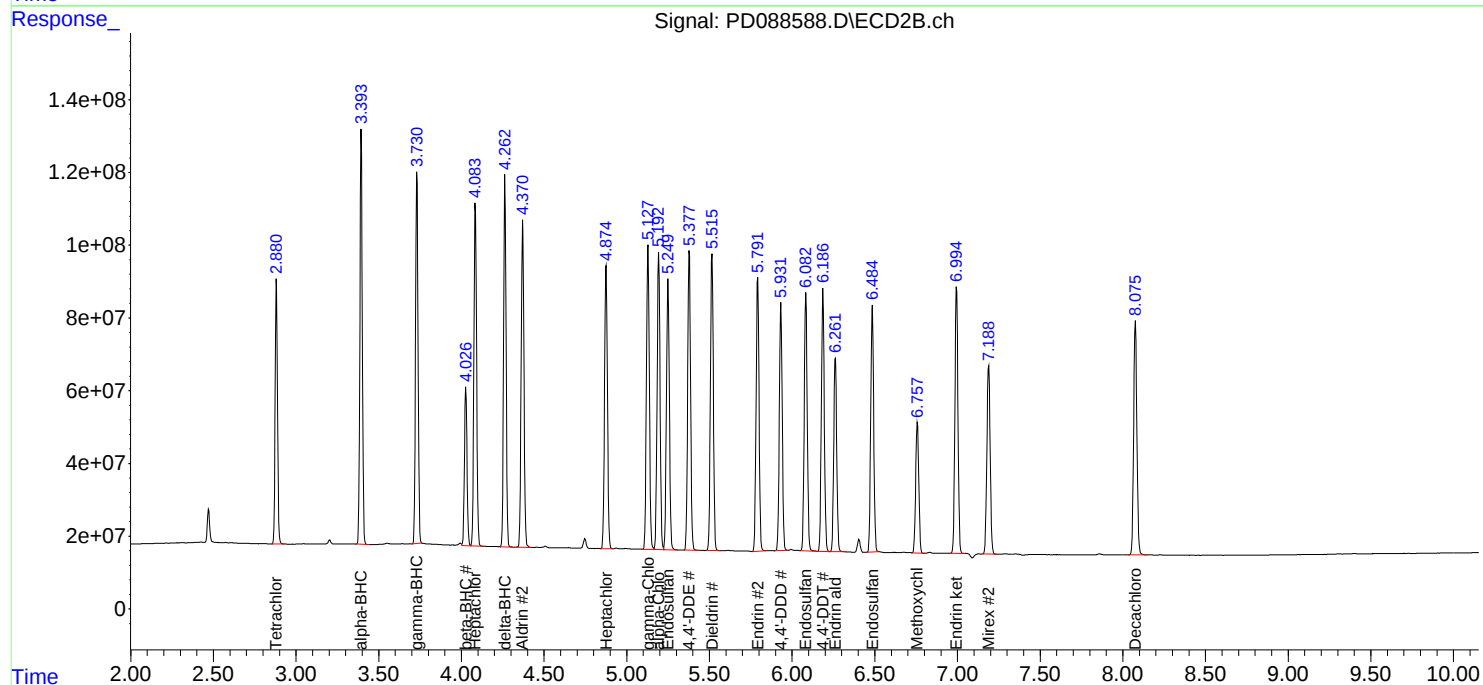
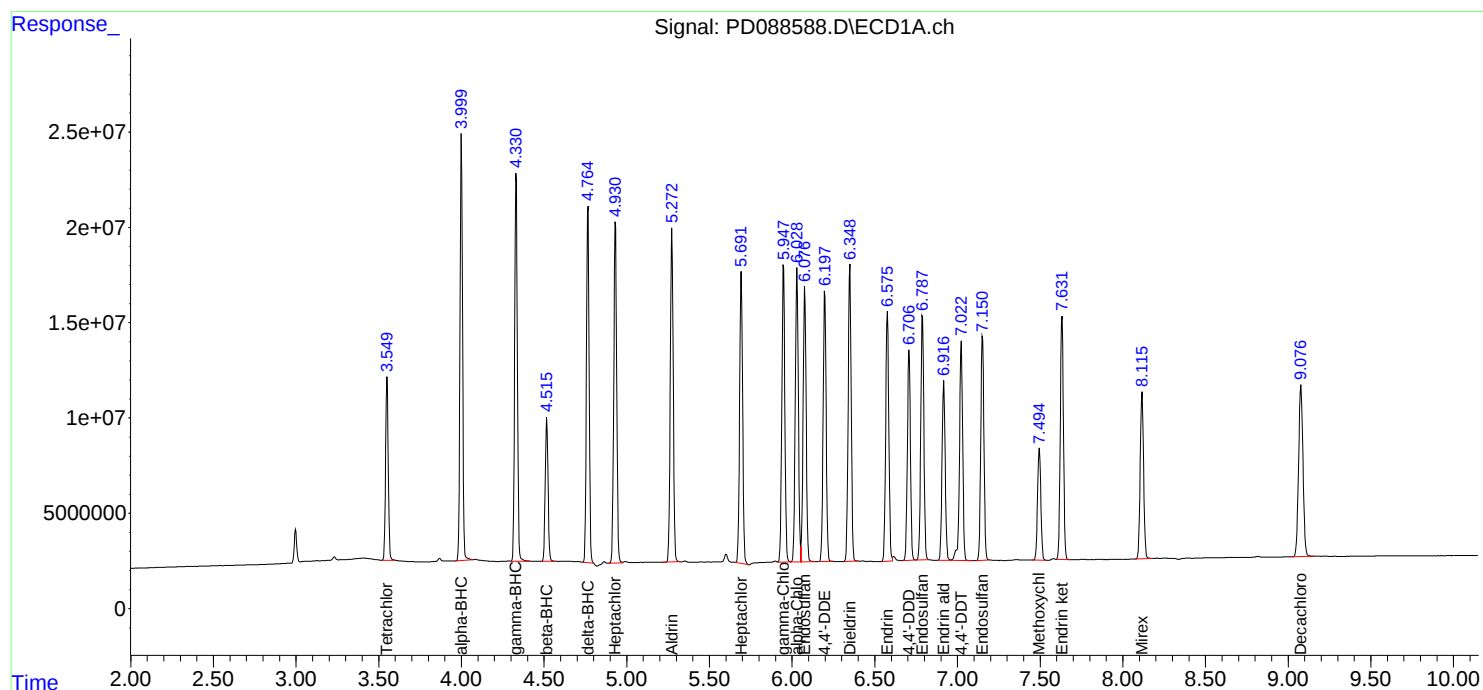
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:58
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 12:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 12:41:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 12:12
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 12:48:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 12:41:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.551	2.882	54028504	386.4E6	25.411	26.612
28)	SA Decachlor...	9.079	8.077	87605286	467.7E6	26.630	27.054
Target Compounds							
2)	A alpha-BHC	4.000	3.395	114.0E6	606.1E6	23.284	26.128
3)	MA gamma-BHC...	4.332	3.731	111.0E6	563.4E6	23.757	26.263
4)	MA Heptachlor	4.931	4.085	108.4E6	575.3E6	24.201	26.688
5)	MB Aldrin	5.273	4.371	106.3E6	561.5E6	24.150	26.581
6)	B beta-BHC	4.517	4.027	45318541	250.3E6	25.687	27.021
7)	B delta-BHC	4.765	4.264	100.5E6	564.9E6	23.458	26.224
8)	B Heptachlo...	5.694	4.875	97321186	511.1E6	24.837	26.934
9)	A Endosulfan I	6.077	5.250	92653177	489.2E6	24.884	26.980
10)	B gamma-Chl...	5.948	5.129	96967992	544.8E6	24.388	26.615
11)	B alpha-Chl...	6.029	5.193	98047542	528.4E6	24.697	26.742
12)	B 4,4'-DDE	6.198	5.378	86803365	535.9E6	24.035	26.725
13)	MA Dieldrin	6.350	5.516	97792162	540.9E6	24.352	26.814
14)	MA Endrin	6.577	5.792	83064769	496.3E6	24.324	26.981
15)	B Endosulfa...	6.789	6.084	84533008	472.0E6	25.068	26.977
16)	A 4,4'-DDD	6.708	5.933	67771707	446.8E6	24.197	26.743
17)	MA 4,4'-DDT	7.024	6.187	76236841	468.2E6	24.282	26.339
18)	B Endrin al...	6.918	6.262	64337678	361.1E6	25.616	27.354
19)	B Endosulfa...	7.152	6.486	79398597	457.7E6	25.201	27.050
20)	A Methoxychlor	7.496	6.758	42446886	251.5E6	26.000	27.395
21)	B Endrin ke...	7.633	6.995	84948689	501.6E6	25.057	27.142
22)	Mirex	8.117	7.189	66265705	393.6E6	26.614	27.401

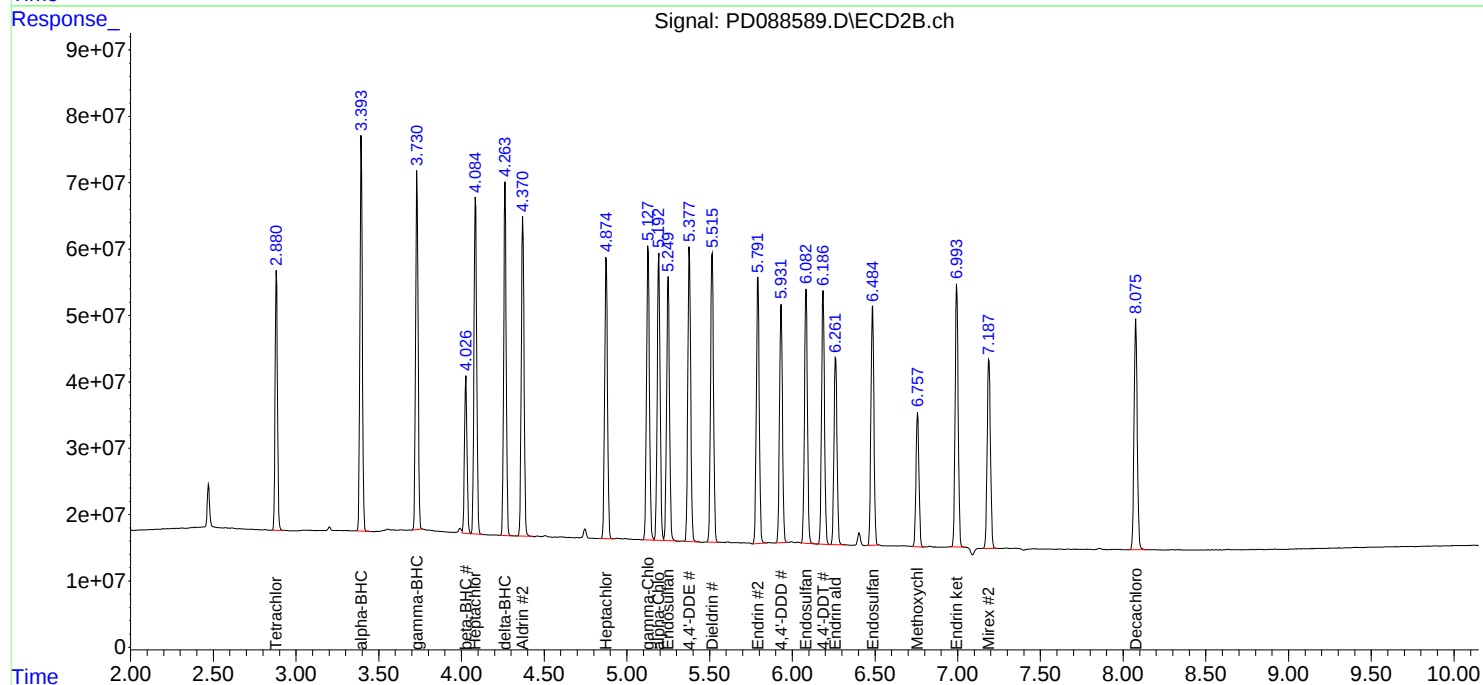
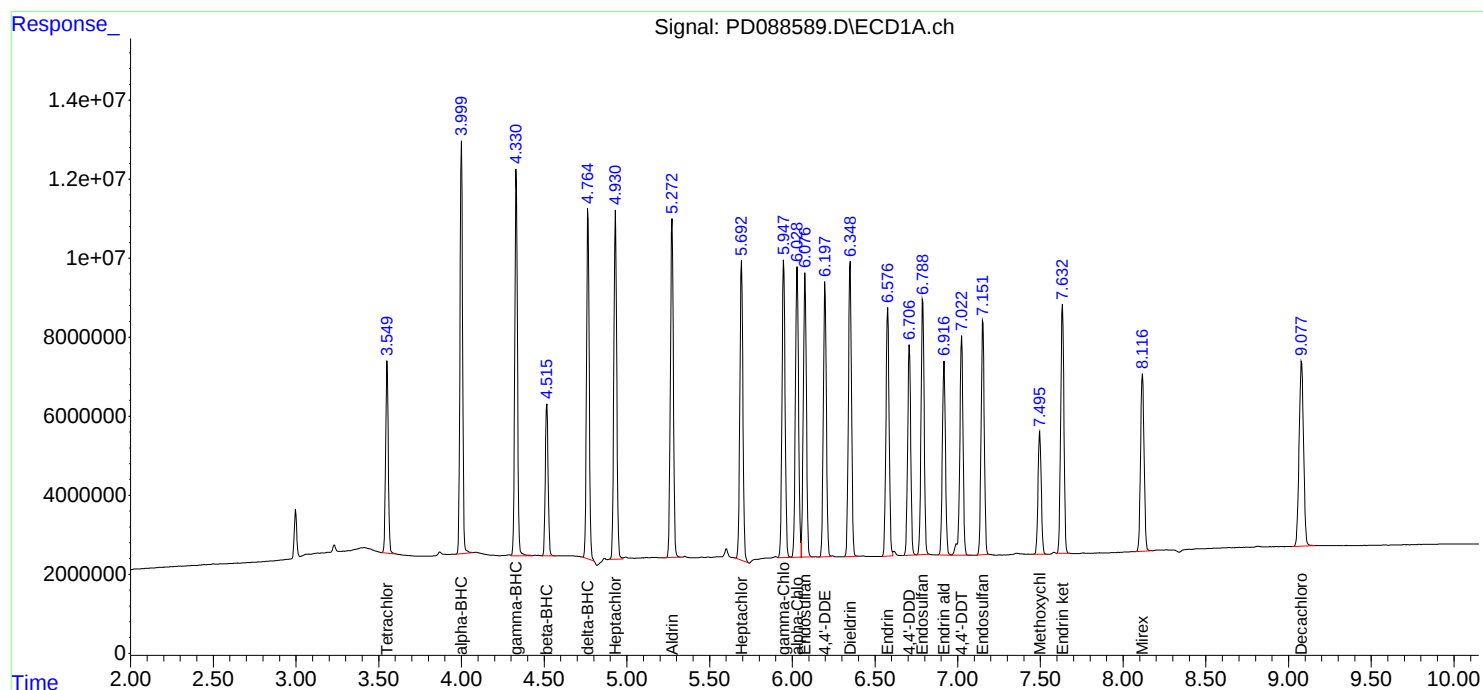
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 12:12
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 12:48:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 12:41:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 12:25
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/20/2025

Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 12:51:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 12:41:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.550	2.882	11569731	87743326	5.347	5.800
28)	SA Decachlor...	9.077	8.076	19763753	110.7E6	5.775	6.062
Target Compounds							
2)	A alpha-BHC	4.000	3.394	21526558	133.6E6	4.507	5.590
3)	MA gamma-BHC...	4.331	3.731	21657318	125.1E6	4.705	5.645
4)	MA Heptachlor	4.930	4.084	22201889	130.3E6	4.940m	5.801
5)	MB Aldrin	5.273	4.370	21861853	125.7E6	4.975	5.734
6)	B beta-BHC	4.516	4.027	9793458	58294427	5.431	5.984
7)	B delta-BHC	4.764	4.264	20011375	126.5E6	4.735	5.674
8)	B Heptachlo...	5.691	4.874	20863576	117.3E6	5.267m	5.903
9)	A Endosulfan I	6.076	5.249	19604836	111.8E6	5.210	5.892
10)	B gamma-Chl...	5.948	5.128	20203660	123.9E6	5.065	5.808
11)	B alpha-Chl...	6.029	5.192	20755365	120.4E6	5.181	5.840
12)	B 4,4'-DDE	6.198	5.378	17503651	121.5E6	4.877	5.812
13)	MA Dieldrin	6.349	5.515	19976132	122.7E6	4.979	5.830
14)	MA Endrin	6.577	5.792	17082110	114.2E6	5.002	5.923
15)	B Endosulfa...	6.788	6.083	18646050	108.1E6	5.415	5.903
16)	A 4,4'-DDD	6.707	5.932	13611843	100.6E6	4.887	5.786
17)	MA 4,4'-DDT	7.023	6.186	15258865	97907648	4.887	5.398
18)	B Endrin al...	6.917	6.261	14132008	84167396	5.489	6.043
19)	B Endosulfa...	7.152	6.485	17063513	105.5E6	5.327	5.940
20)	A Methoxychlor	7.496	6.758	9112300	55786563	5.455	5.826
21)	B Endrin ke...	7.633	6.995	17773939	114.1E6	5.192	5.898
22)	Mirex	8.117	7.189	15159249	92799571	5.834	6.104

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 12:25
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

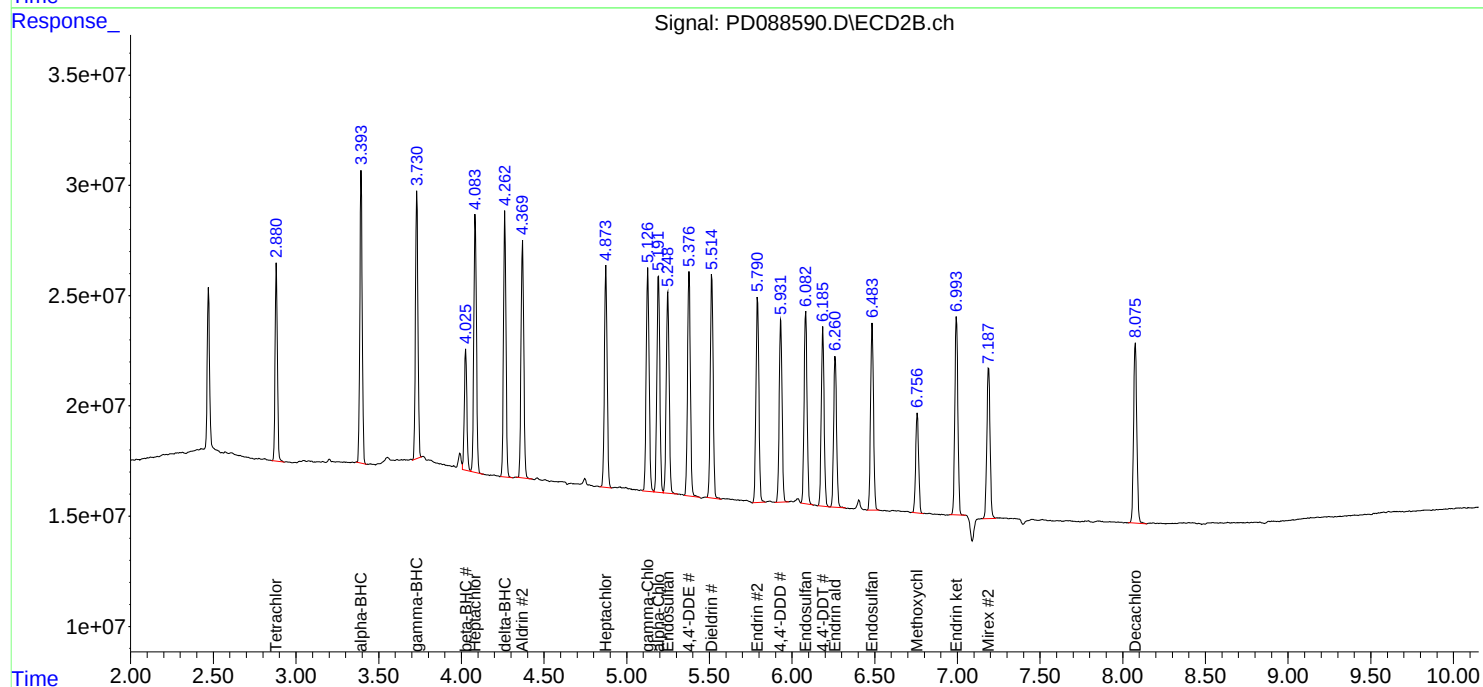
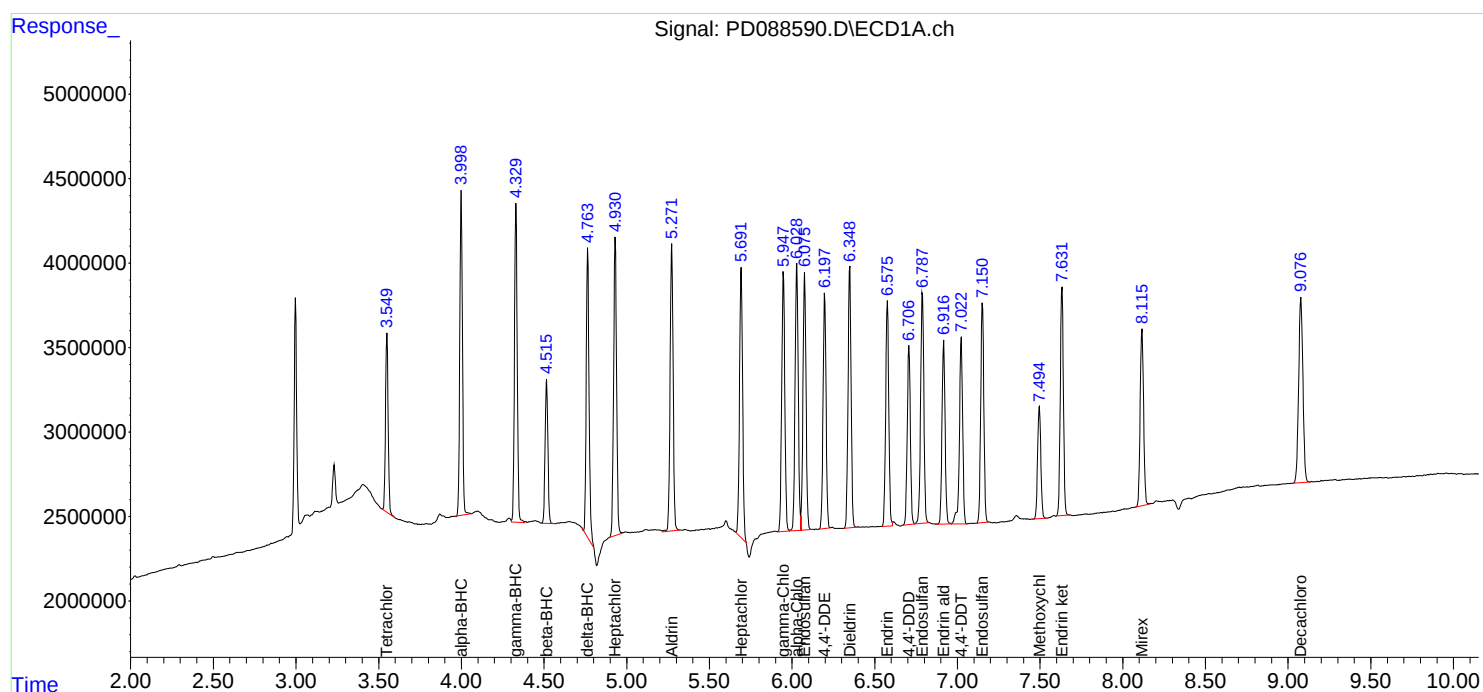
APPROVED

Reviewed By :Abdul Mirza 05/20/2025

Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 12:51:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 12:41:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 13:06
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 13:27:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 13:26:49 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.551	2.882	104.8E6	916.8E6	50.000	50.000
28) SA Decachlor...	9.077	8.077	161.3E6	859.8E6	50.000	50.000
Target Compounds						
23) Chlordane-1	4.717	3.907	87638607	406.5E6	500.000	500.000
24) Chlordane-2	5.243	4.489	89727196	411.3E6	500.000	500.000
25) Chlordane-3	5.949	5.128	370.7E6	1285.8E6	500.000	500.000
26) Chlordane-4	6.034	5.193	444.7E6	1071.5E6	500.000	500.000
27) Chlordane-5	6.873	6.093	75468131	491.5E6	500.000	500.000

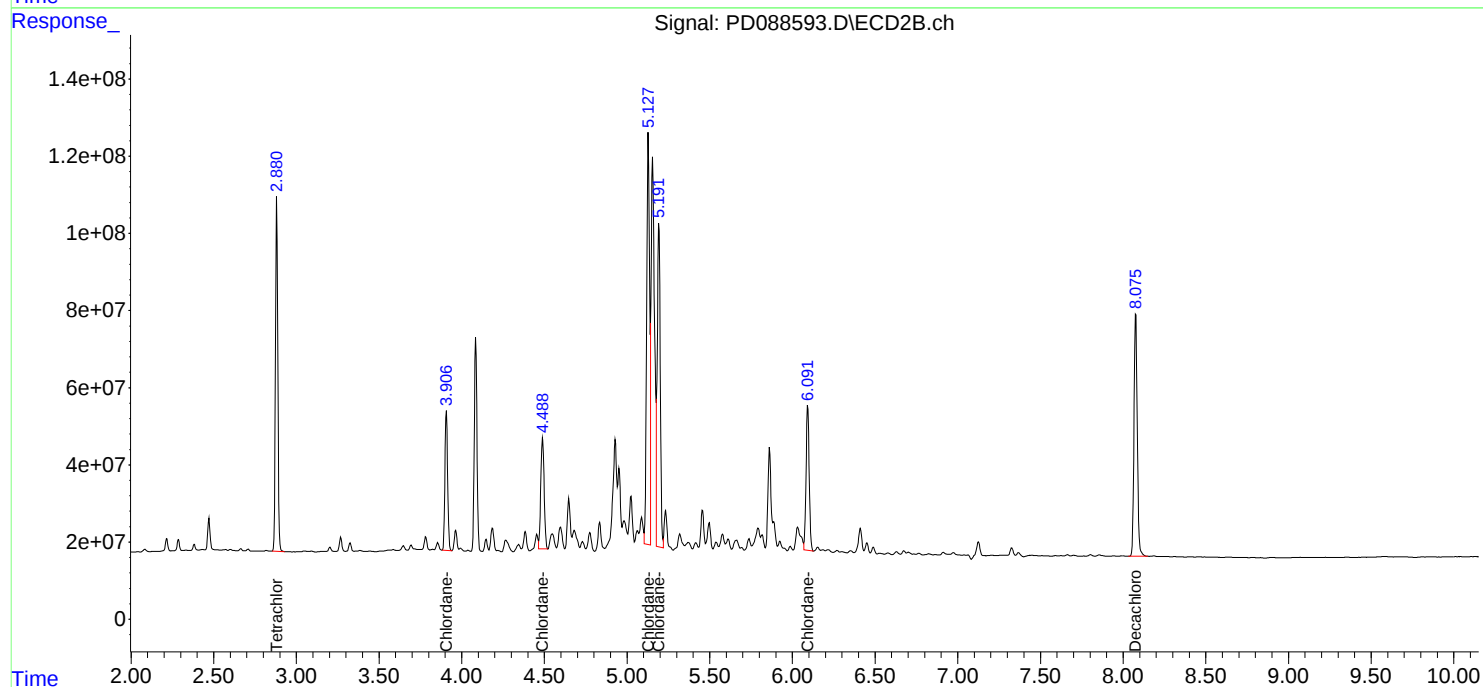
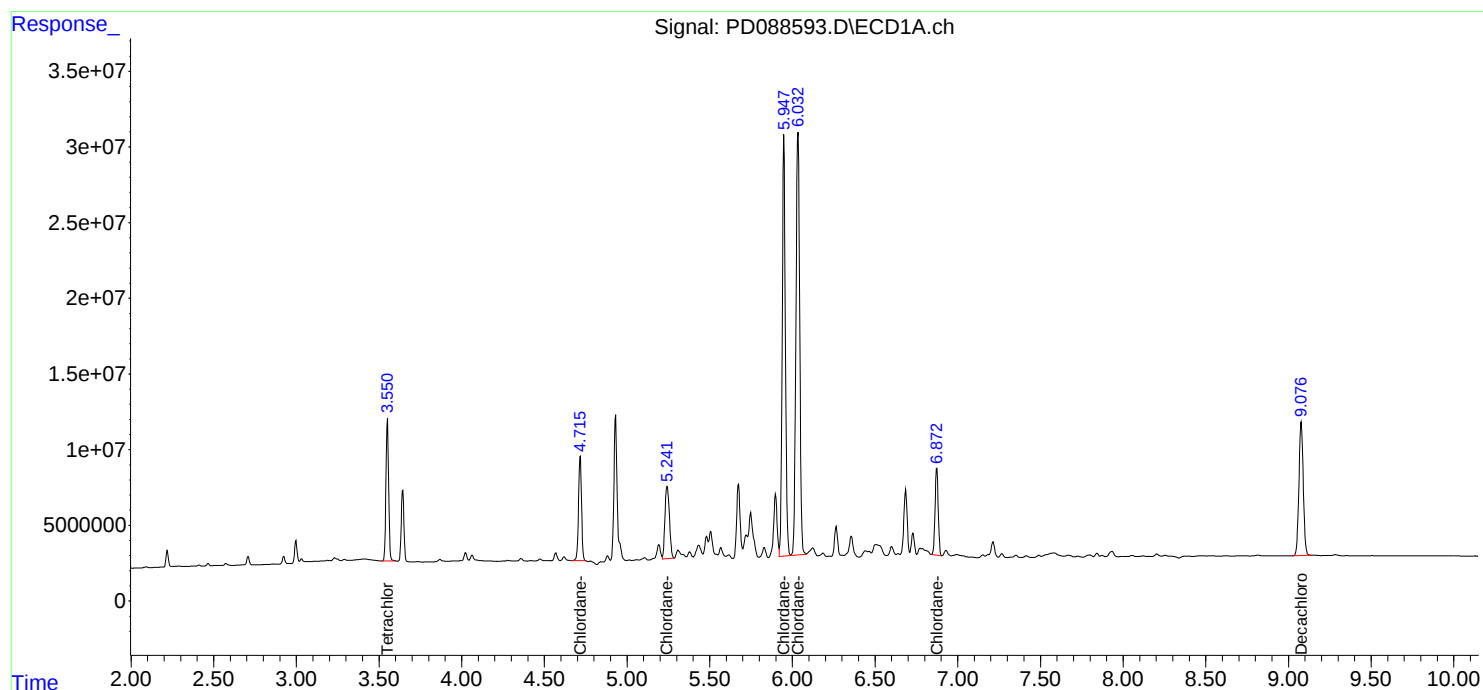
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 13:06
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 13:27:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 13:26:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 14:14
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 14:24:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 14:24:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

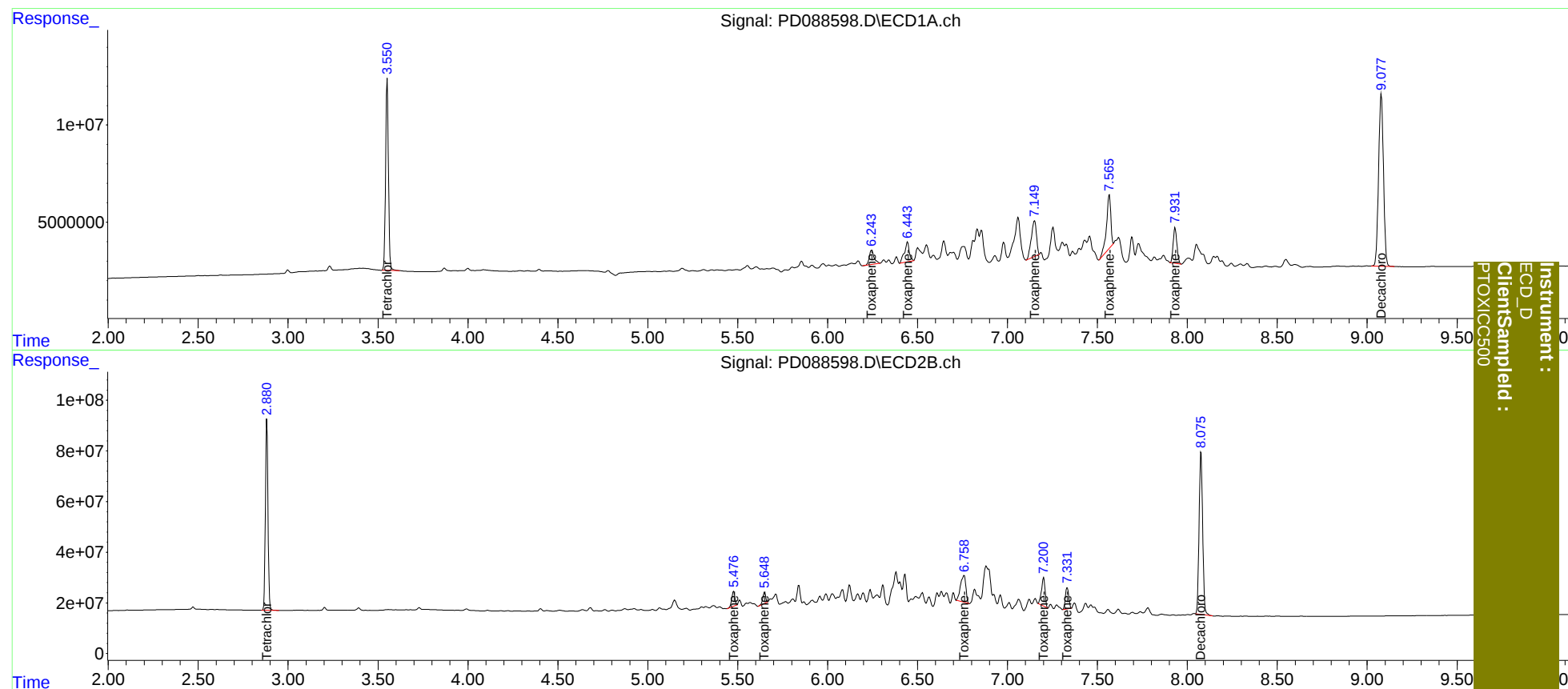
System Monitoring Compounds						
1) SA Tetrachlo...	3.551	2.882	108.0E6	751.0E6	50.000	50.000
7) SA Decachlor...	9.078	8.076	167.6E6	890.4E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.244	5.478	13194843	69615460	500.000	500.000
3) Toxaphene-2	6.444	5.649	19059780	47039410	500.000	500.000
4) Toxaphene-3	7.151	6.759	36144150	218.5E6	500.000	500.000
5) Toxaphene-4	7.566	7.201	45706327	155.6E6	500.000	500.000
6) Toxaphene-5	7.932	7.332	26129785	108.5E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 14:14
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 14:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 14:24:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088601.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 14:55
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD051925

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 15:10:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 13:57:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.551	2.882	108.1E6	751.4E6	49.971	49.675
2)	SA Decachlor...	9.077	8.076	167.7E6	895.2E6	49.001	49.034
Target Compounds							
2)	A alpha-BHC	4.001	3.395	246.5E6	1196.4E6	51.600	50.049
3)	MA gamma-BHC...	4.332	3.731	235.9E6	1105.4E6	51.246	49.870
4)	MA Heptachlor	4.932	4.085	227.5E6	1118.9E6	50.891	49.831
5)	MB Aldrin	5.274	4.371	223.7E6	1091.3E6	50.911	49.765
6)	B beta-BHC	4.517	4.027	89787263	480.1E6	49.795	49.280
7)	B delta-BHC	4.765	4.264	218.4E6	1109.3E6	51.674	49.758
8)	B Heptachlo...	5.693	4.875	199.8E6	982.3E6	50.327	49.432
9)	A Endosulfan I	6.077	5.249	189.4E6	938.9E6	50.341	49.474
10)	B gamma-Chl...	5.949	5.128	201.5E6	1057.1E6	50.505	49.556
11)	B alpha-Chl...	6.029	5.193	201.8E6	1018.0E6	50.365	49.357
12)	B 4,4'-DDE	6.198	5.378	182.3E6	1031.8E6	50.791	49.363
13)	MA Dieldrin	6.349	5.516	203.9E6	1041.8E6	50.818	49.507
14)	MA Endrin	6.578	5.792	172.9E6	954.5E6	50.628	49.499
15)	B Endosulfa...	6.789	6.083	171.5E6	909.5E6	49.803	49.640
16)	A 4,4'-DDD	6.708	5.932	141.8E6	864.0E6	50.908	49.679
17)	MA 4,4'-DDT	7.024	6.186	159.0E6	923.1E6	50.943	50.894
18)	B Endrin al...	6.917	6.261	127.7E6	685.3E6	49.581	49.203
19)	B Endosulfa...	7.152	6.485	160.4E6	879.9E6	50.092	49.555
20)	A Methoxychlor	7.496	6.758	83431358	481.4E6	49.942	50.273
21)	B Endrin ke...	7.633	6.994	172.4E6	962.9E6	50.373	49.767
22)	Mirex	8.117	7.189	127.7E6	748.0E6	49.145	49.203

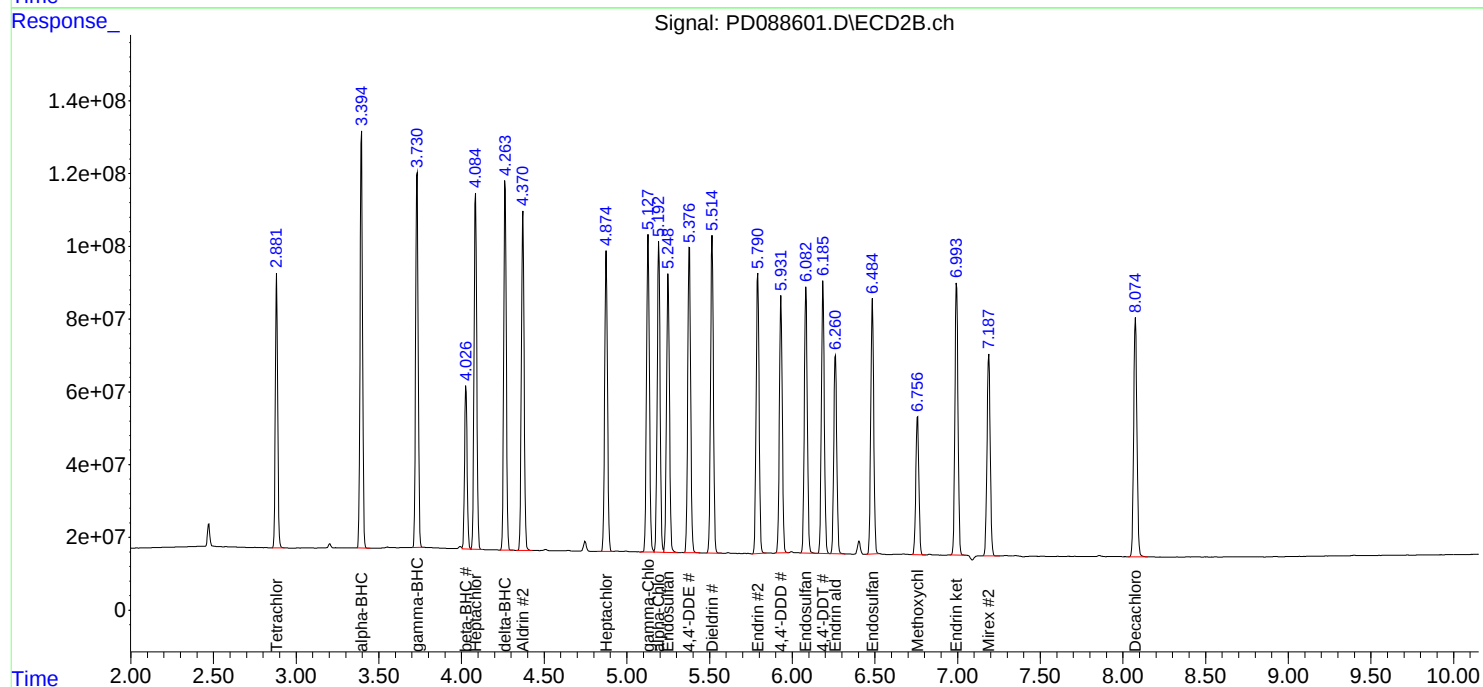
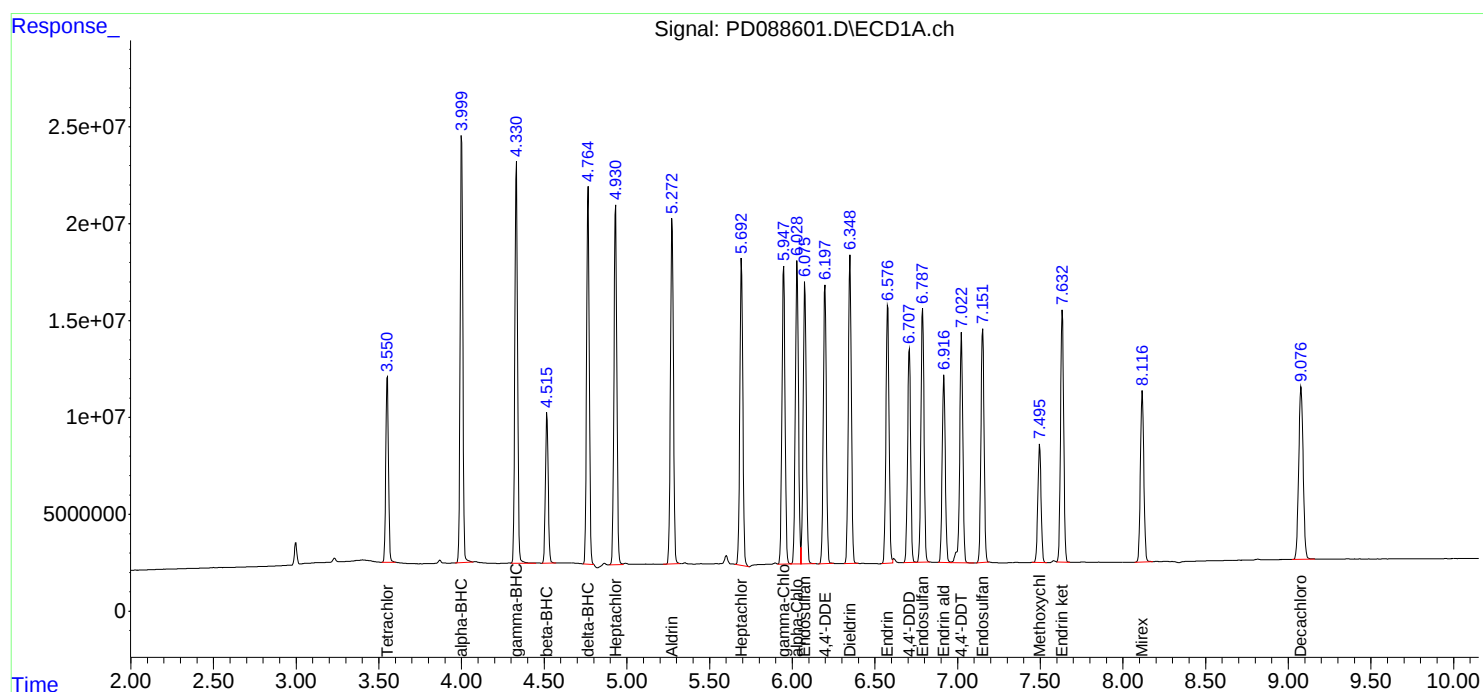
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 14:55
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD051925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 15:10:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 13:57:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 15:08
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD051925CHLOR

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/20/2025
 Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 15:23:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:23:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.551	2.881	105.8E6	929.1E6	49.958	51.013
28) SA Decachlor...	9.078	8.076	163.2E6	899.0E6	48.766	49.654
Target Compounds						
23) Chlordane-1	4.715	3.907	89358888	415.0E6	495.872m	502.169
24) Chlordane-2	5.243	4.489	90725715	423.3E6	494.404	501.504
25) Chlordane-3	5.949	5.128	373.8E6	1296.4E6	505.210	491.657
26) Chlordane-4	6.035	5.192	448.3E6	1105.4E6	500.287	499.628
27) Chlordane-5	6.874	6.093	76696955	508.1E6	504.131	507.635

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 15:08
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

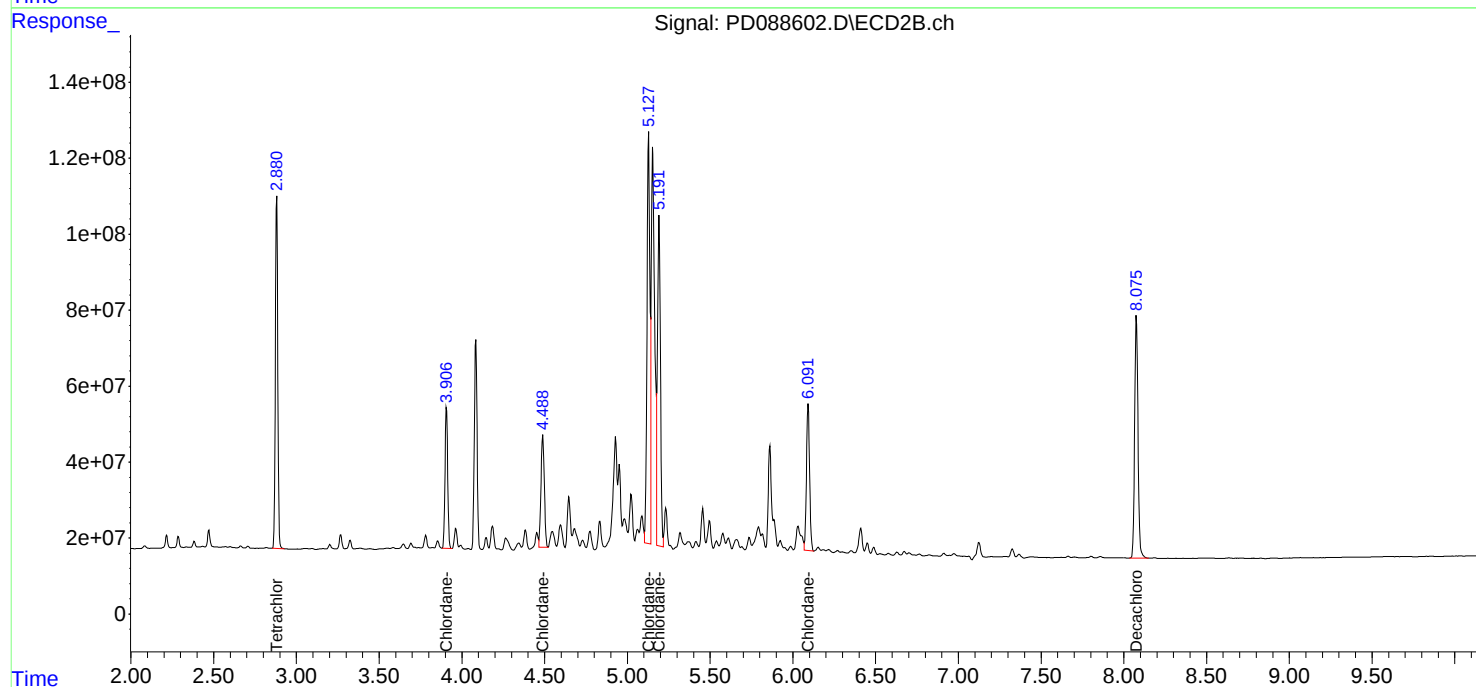
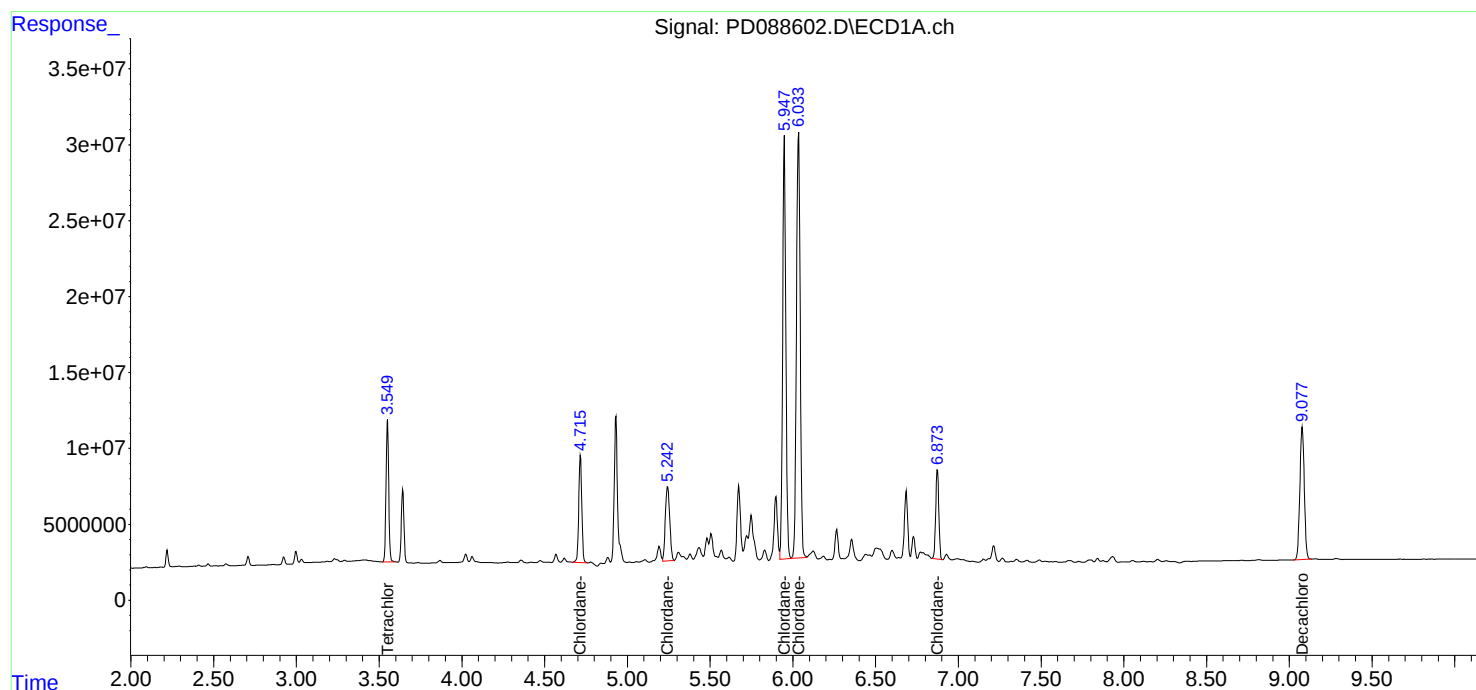
Instrument :
ECD_D
ClientSampleId :
ICVPD051925CHLOR

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/20/2025
Supervised By : mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 15:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:23:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 15:22
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD051925TOX

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 15:32:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 14:50:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

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

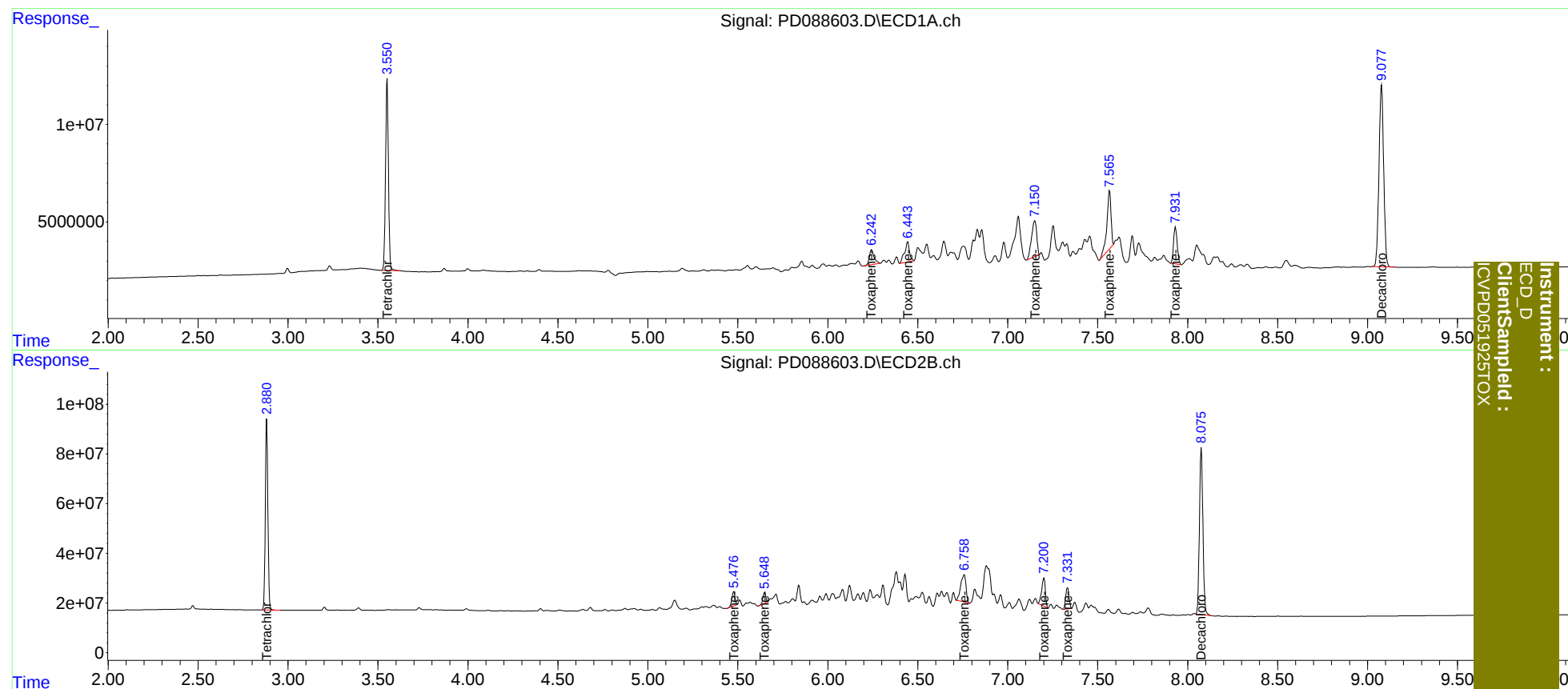
System Monitoring Compounds						
1) SA Tetrachlo...	3.551	2.882	109.9E6	760.5E6	48.865	48.244
7) SA Decachlor...	9.078	8.076	168.7E6	904.3E6	47.896	48.037
Target Compounds						
2) Toxaphene-1	6.244	5.478	13709332	69760879	496.296	486.606
3) Toxaphene-2	6.444	5.649	19243908	48559753	495.137	487.496
4) Toxaphene-3	7.151	6.759	36753246	223.0E6	496.602	493.875
5) Toxaphene-4	7.566	7.201	47802427	160.0E6	507.285	497.043
6) Toxaphene-5	7.932	7.333	26640764	111.6E6	493.508	521.438

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 15:22
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 15:32:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 14:50:59 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. 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: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 10:44 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.01
Methoxychlor	7.49	7.50	7.40	7.60	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 10:44 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.76	6.66	6.86	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 06/09/2025

Lab Sample No.: PSTDCCC050 Data File : PD088822.D Time Analyzed: 10:44

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.073	8.977	9.177	52.790	50.000	5.6
Endrin	6.575	6.477	6.677	54.680	50.000	9.4
gamma-BHC (Lindane)	4.330	4.232	4.432	54.180	50.000	8.4
Heptachlor	4.929	4.832	5.032	55.030	50.000	10.1
Heptachlor epoxide	5.691	5.593	5.793	53.970	50.000	7.9
Methoxychlor	7.494	7.395	7.595	54.010	50.000	8.0
Tetrachloro-m-xylene	3.549	3.451	3.651	57.870	50.000	15.7



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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 06/09/2025

Lab Sample No.: PSTDCCC050 Data File : PD088822.D Time Analyzed: 10:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.072	7.977	8.177	48.910	50.000	-2.2
Endrin	5.789	5.692	5.892	46.190	50.000	-7.6
gamma-BHC (Lindane)	3.728	3.631	3.831	47.180	50.000	-5.6
Heptachlor	4.082	3.985	4.185	46.540	50.000	-6.9
Heptachlor epoxide	4.872	4.775	4.975	46.860	50.000	-6.3
Methoxychlor	6.754	6.658	6.858	45.820	50.000	-8.4
Tetrachloro-m-xylene	2.879	2.782	2.982	47.210	50.000	-5.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088822.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 10:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 13:51:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.879	125.2E6	714.1E6	57.870	47.209
28) SA Decachlor...	9.073	8.072	180.7E6	892.9E6	52.794	48.906
Target Compounds						
2) A alpha-BHC	3.998	3.392	262.5E6	1128.9E6	54.959	47.228
3) MA gamma-BHC...	4.330	3.728	249.4E6	1045.7E6	54.184	47.176
4) MA Heptachlor	4.929	4.082	246.0E6	1045.1E6	55.029	46.544
5) MB Aldrin	5.271	4.368	236.5E6	1068.7E6	53.826	48.734
6) B beta-BHC	4.515	4.024	96778092	447.1E6	53.672	45.899
7) B delta-BHC	4.763	4.261	242.1E6	1050.4E6	57.298	47.117
8) B Heptachlo...	5.691	4.872	214.2E6	931.3E6	53.968	46.864
9) A Endosulfan I	6.075	5.246	199.5E6	813.1E6	53.007	42.845
10) B gamma-Chl...	5.946	5.125	211.9E6	1007.1E6	53.127	47.212
11) B alpha-Chl...	6.027	5.190	213.9E6	965.3E6	53.398	46.804
12) B 4,4'-DDE	6.196	5.374	192.3E6	980.7E6	53.562	46.916m
13) MA Dieldrin	6.348	5.512	213.4E6	982.6E6	53.189	46.691
14) MA Endrin	6.575	5.789	186.7E6	890.7E6	54.682	46.189
15) B Endosulfa...	6.786	6.079	182.2E6	870.5E6	52.917	47.511m
16) A 4,4'-DDD	6.705	5.930	156.1E6	813.8E6	56.036	46.793
17) MA 4,4'-DDT	7.021	6.183	170.6E6	874.3E6	54.647	48.204
18) B Endrin al...	6.915	6.259	135.5E6	650.3E6	52.641	46.685
19) B Endosulfa...	7.150	6.482	169.0E6	827.5E6	52.757	46.606
20) A Methoxychlor	7.494	6.754	90232632	438.7E6	54.014	45.821
21) B Endrin ke...	7.630	6.991	182.9E6	914.3E6	53.420	47.259
22) Mirex	8.114	7.185	136.4E6	727.2E6	52.505	47.834

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088822.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 10:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

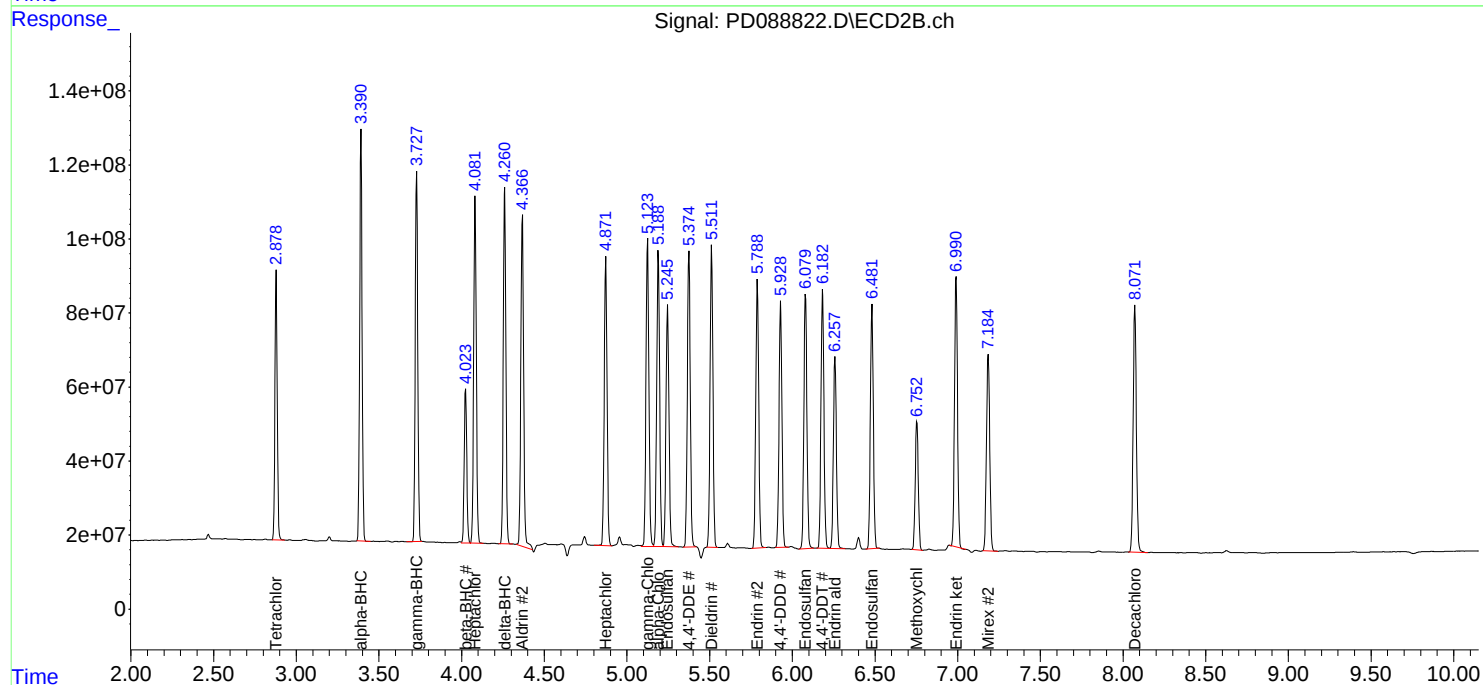
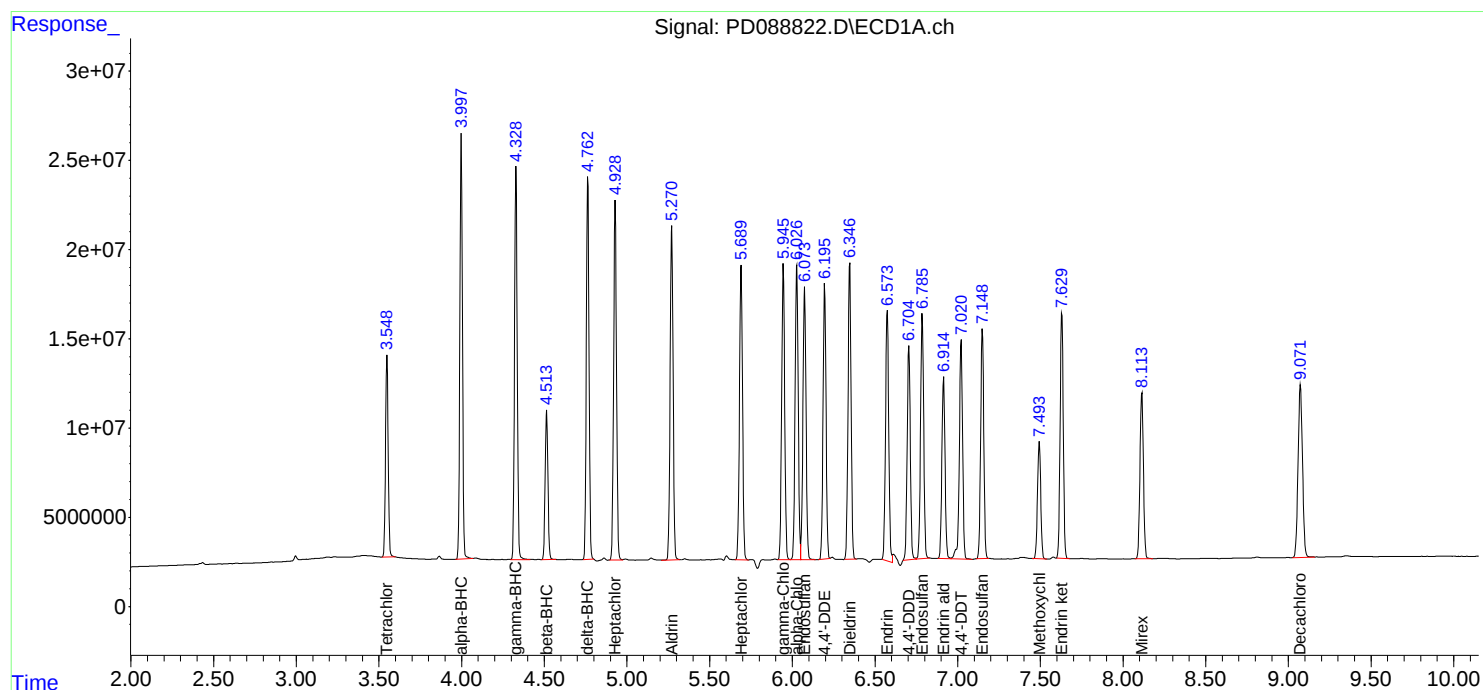
APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 13:51:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 15:44 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.57	6.58	6.48	6.68	0.01
Methoxychlor	7.49	7.50	7.40	7.60	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 15:44 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.76	6.66	6.86	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL02 Date Analyzed: 06/09/2025

Lab Sample No.: PSTDCCC050 Data File : PD088841.D Time Analyzed: 15:44

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.074	8.977	9.177	52.910	50.000	5.8
Endrin	6.574	6.477	6.677	54.770	50.000	9.5
gamma-BHC (Lindane)	4.329	4.232	4.432	54.420	50.000	8.8
Heptachlor	4.929	4.832	5.032	54.980	50.000	10.0
Heptachlor epoxide	5.690	5.593	5.793	54.130	50.000	8.3
Methoxychlor	7.494	7.395	7.595	53.630	50.000	7.3
Tetrachloro-m-xylene	3.549	3.451	3.651	58.230	50.000	16.5



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CALIBRATION VERIFICATION SUMMARY

 Contract: ENTA05

 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

 GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

 Client Sample No.: CCAL02 Date Analyzed: 06/09/2025

 Lab Sample No.: PSTDCCC050 Data File : PD088841.D Time Analyzed: 15:44

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.072	7.977	8.177	50.760	50.000	1.5
Endrin	5.789	5.692	5.892	48.240	50.000	-3.5
gamma-BHC (Lindane)	3.729	3.631	3.831	48.620	50.000	-2.8
Heptachlor	4.082	3.985	4.185	48.030	50.000	-3.9
Heptachlor epoxide	4.872	4.775	4.975	47.980	50.000	-4.0
Methoxychlor	6.754	6.658	6.858	48.510	50.000	-3.0
Tetrachloro-m-xylene	2.879	2.782	2.982	48.610	50.000	-2.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 15:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 01:42:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.879	126.0E6	735.2E6	58.227	48.605
28) SA Decachlor...	9.074	8.072	181.1E6	926.6E6	52.913	50.757
Target Compounds						
2) A alpha-BHC	3.998	3.392	263.8E6	1162.8E6	55.228	48.646
3) MA gamma-BHC...	4.329	3.729	250.5E6	1077.8E6	54.419	48.625
4) MA Heptachlor	4.929	4.082	245.8E6	1078.5E6	54.977	48.029
5) MB Aldrin	5.271	4.367	238.7E6	1061.2E6	54.307	48.390m
6) B beta-BHC	4.514	4.024	97293119	458.6E6	53.957	47.077
7) B delta-BHC	4.763	4.261	243.7E6	1081.4E6	57.662	48.506
8) B Heptachlo...	5.690	4.872	214.9E6	953.4E6	54.135	47.980
9) A Endosulfan I	6.074	5.246	200.3E6	829.4E6	53.231	43.703
10) B gamma-Chl...	5.945	5.125	213.6E6	1032.2E6	53.547	48.385
11) B alpha-Chl...	6.026	5.190	214.6E6	990.9E6	53.554	48.046
12) B 4,4'-DDE	6.195	5.373	193.4E6	1009.2E6	53.870	48.280m
13) MA Dieldrin	6.346	5.512	214.6E6	1014.8E6	53.484	48.221
14) MA Endrin	6.574	5.789	187.1E6	930.3E6	54.771	48.244
15) B Endosulfa...	6.786	6.080	181.9E6	889.2E6	52.817	48.531
16) A 4,4'-DDD	6.704	5.928	156.1E6	844.2E6	56.053	48.537
17) MA 4,4'-DDT	7.021	6.183	168.8E6	898.6E6	54.054	49.545
18) B Endrin al...	6.915	6.258	137.6E6	680.1E6	53.450	48.827
19) B Endosulfa...	7.149	6.482	169.5E6	858.8E6	52.925	48.367
20) A Methoxychlor	7.494	6.754	89599389	464.5E6	53.635	48.508
21) B Endrin ke...	7.630	6.991	182.8E6	952.0E6	53.407	49.205
22) Mirex	8.114	7.185	136.6E6	748.5E6	52.591	49.234

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 15:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

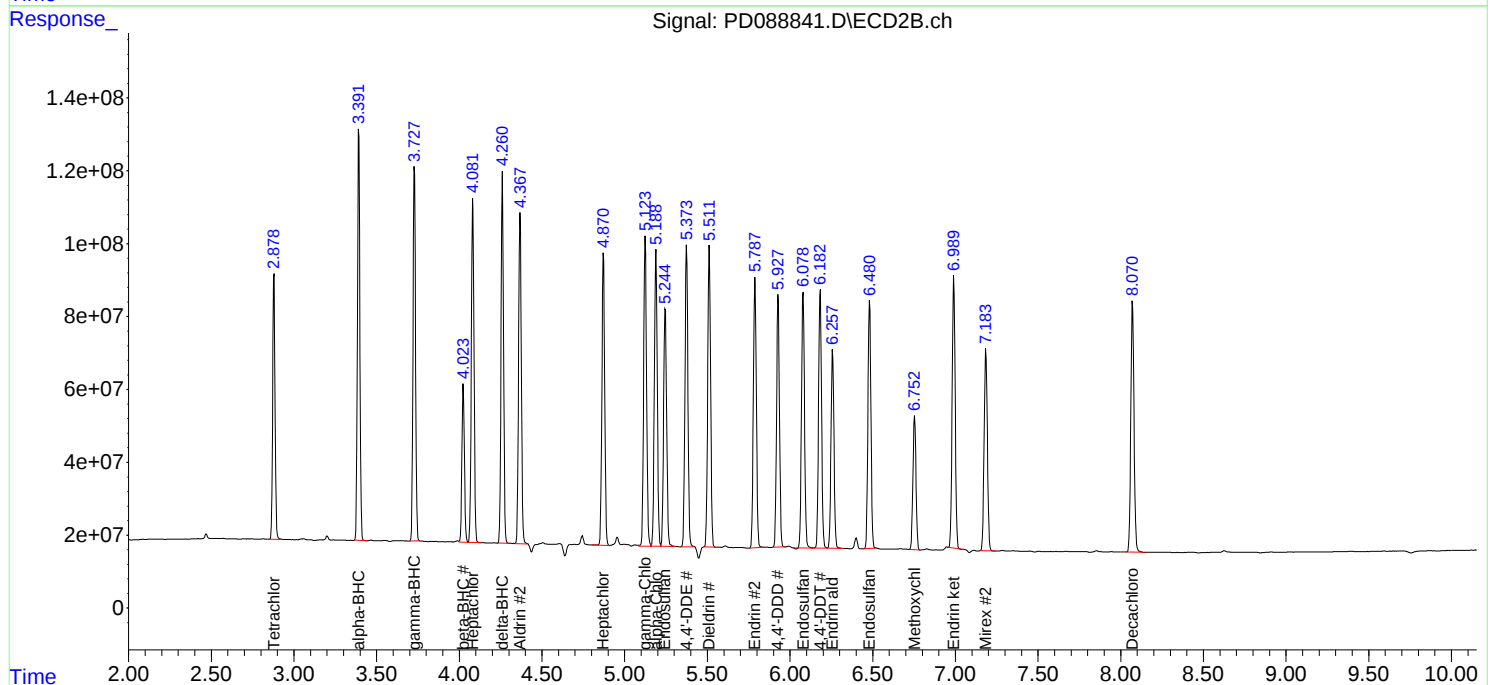
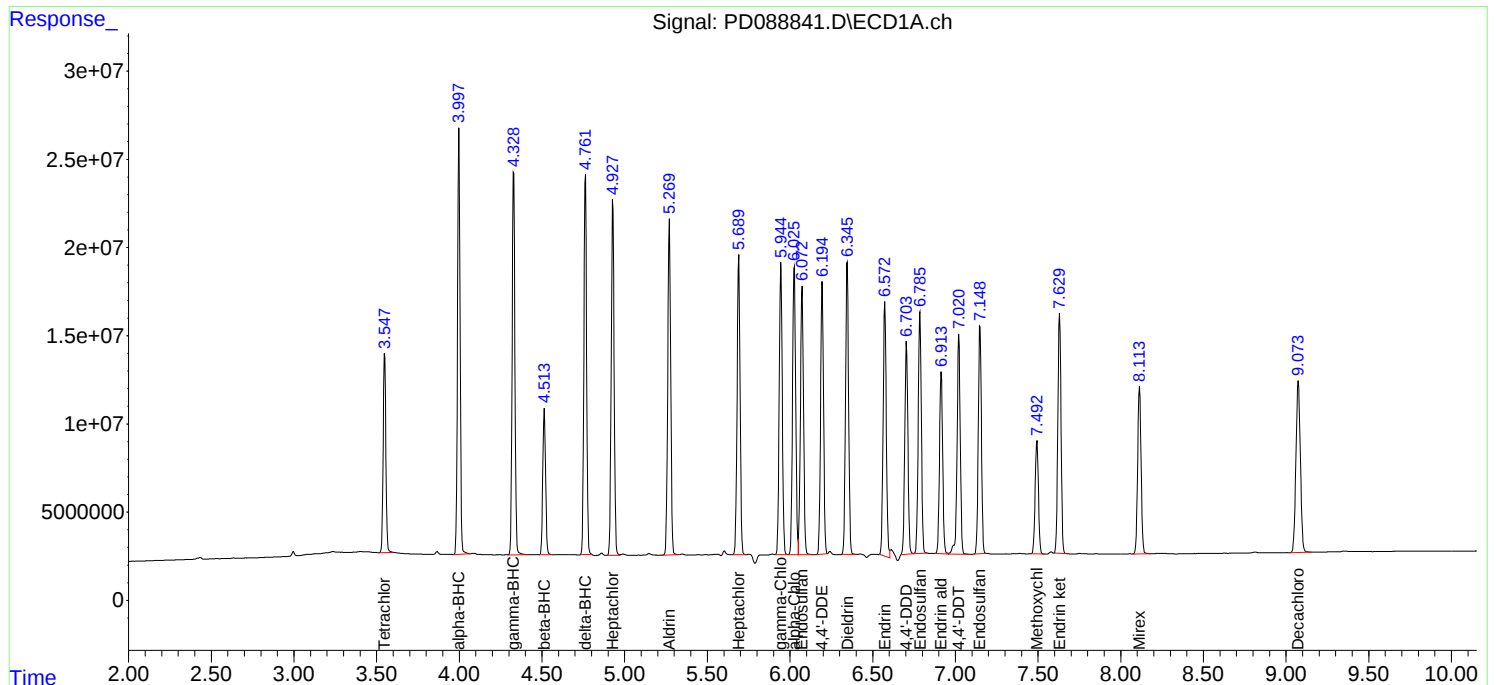
APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 01:42:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 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: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/10/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 10:38 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	-0.01
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endrin	6.58	6.58	6.48	6.68	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/10/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 10:38 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL03 Date Analyzed: 06/10/2025

Lab Sample No.: PSTDCCC050 Data File : PD088855.D Time Analyzed: 10:38

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.082	8.977	9.177	52.360	50.000	4.7
Endrin	6.582	6.477	6.677	52.340	50.000	4.7
gamma-BHC (Lindane)	4.337	4.232	4.432	53.690	50.000	7.4
Heptachlor	4.936	4.832	5.032	54.030	50.000	8.1
Heptachlor epoxide	5.698	5.593	5.793	52.050	50.000	4.1
Methoxychlor	7.501	7.395	7.595	52.680	50.000	5.4
Tetrachloro-m-xylene	3.556	3.451	3.651	57.030	50.000	14.1



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CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL03 Date Analyzed: 06/10/2025

Lab Sample No.: PSTDCCC050 Data File : PD088855.D Time Analyzed: 10:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.075	7.977	8.177	50.310	50.000	0.6
Endrin	5.790	5.692	5.892	47.150	50.000	-5.7
gamma-BHC (Lindane)	3.729	3.631	3.831	48.270	50.000	-3.5
Heptachlor	4.083	3.985	4.185	47.410	50.000	-5.2
Heptachlor epoxide	4.873	4.775	4.975	47.790	50.000	-4.4
Methoxychlor	6.756	6.658	6.858	47.840	50.000	-4.3
Tetrachloro-m-xylene	2.879	2.782	2.982	47.950	50.000	-4.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
 Data File : PD088855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 10:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 14:12:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.556	2.879	123.4E6	725.4E6	57.034	47.953
28) SA Decachlor...	9.082	8.075	179.2E6	918.6E6	52.365	50.314
Target Compounds						
2) A alpha-BHC	4.005	3.392	260.0E6	1151.3E6	54.422	48.165
3) MA gamma-BHC...	4.337	3.729	247.1E6	1070.0E6	53.691	48.272
4) MA Heptachlor	4.936	4.083	241.6E6	1064.7E6	54.027	47.414
5) MB Aldrin	5.278	4.369	234.0E6	1055.9E6	53.257	48.147
6) B beta-BHC	4.522	4.025	95106201	463.6E6	52.744	47.584
7) B delta-BHC	4.771	4.262	238.0E6	1077.4E6	56.309	48.327
8) B Heptachlo...	5.698	4.873	206.6E6	949.6E6	52.054	47.790
9) A Endosulfan I	6.082	5.248	196.4E6	909.9E6	52.184	47.943
10) B gamma-Chl...	5.954	5.126	211.3E6	1022.8E6	52.968	47.945
11) B alpha-Chl...	6.035	5.191	211.8E6	986.5E6	52.876	47.833
12) B 4,4'-DDE	6.204	5.376	192.5E6	1003.6E6	53.638	48.015
13) MA Dieldrin	6.354	5.514	210.6E6	1012.9E6	52.484	48.131
14) MA Endrin	6.582	5.790	178.7E6	909.3E6	52.338	47.154
15) B Endosulfa...	6.793	6.082	177.9E6	887.6E6	51.674	48.444
16) A 4,4'-DDD	6.713	5.931	154.0E6	846.3E6	55.305	48.658
17) MA 4,4'-DDT	7.029	6.185	167.6E6	889.9E6	53.688	49.064
18) B Endrin al...	6.922	6.260	128.9E6	647.0E6	50.053	46.454
19) B Endosulfa...	7.157	6.483	166.9E6	856.3E6	52.112	48.229
20) A Methoxychlor	7.501	6.756	87996575	458.1E6	52.675	47.841
21) B Endrin ke...	7.638	6.993	180.7E6	962.1E6	52.797	49.726
22) Mirex	8.121	7.187	133.2E6	747.7E6	51.246	49.181

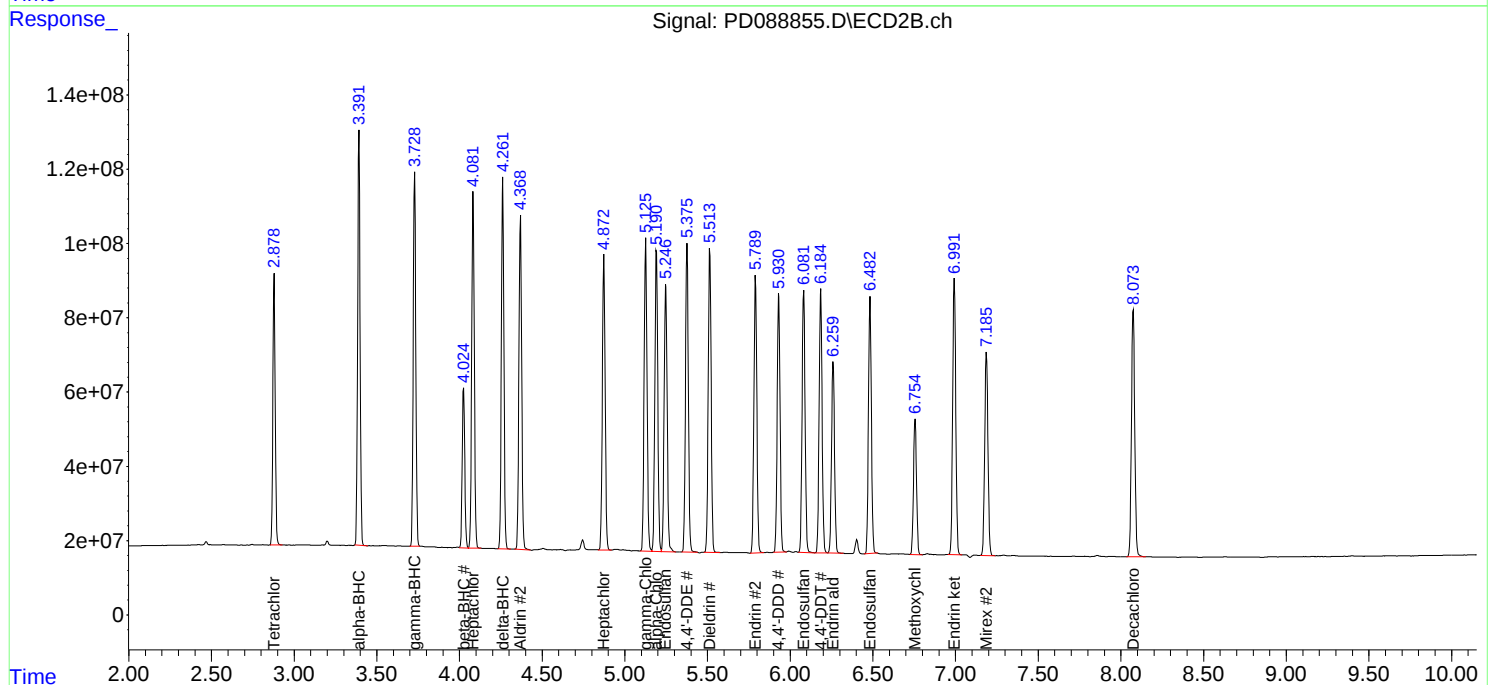
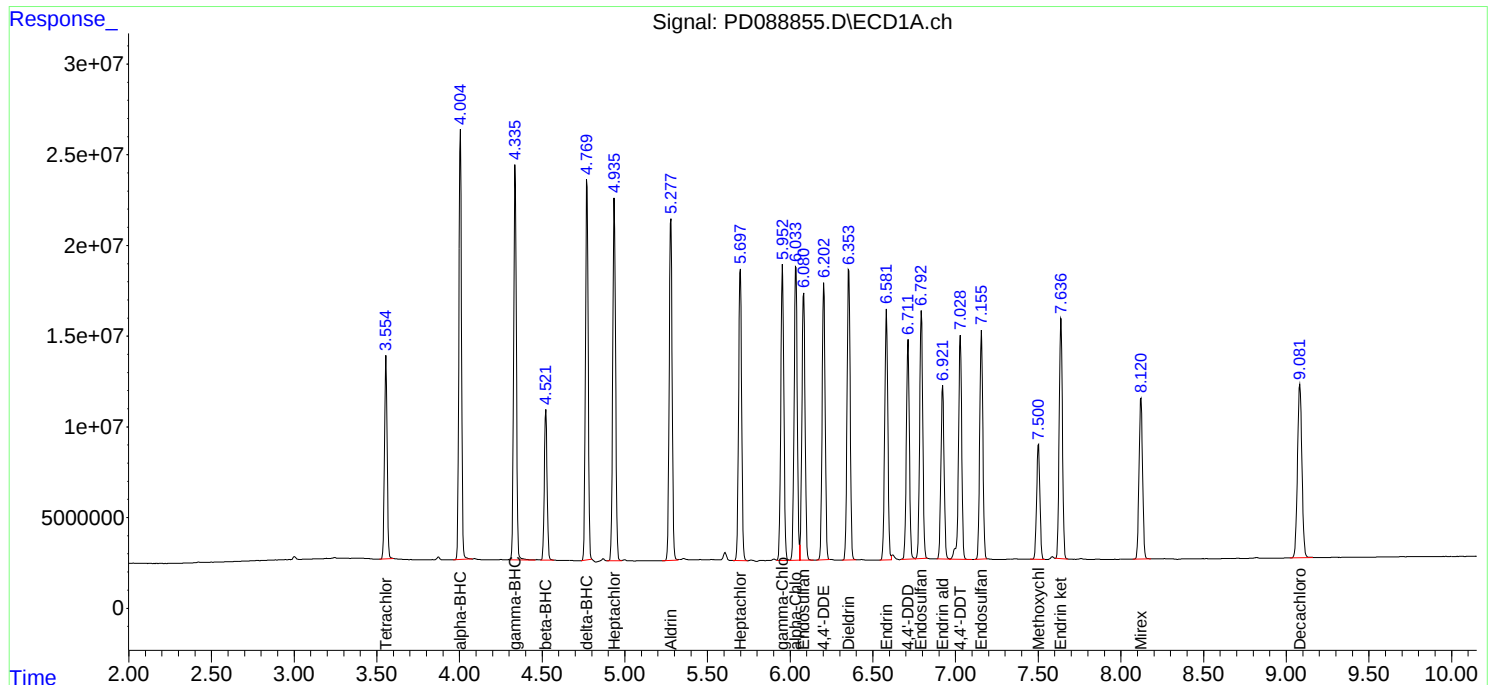
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 10:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:12:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 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: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/10/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 14:49 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.57	6.58	6.48	6.68	0.01
Methoxychlor	7.49	7.50	7.40	7.60	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

Continuing Calib Date: 06/10/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 14:49 Initial Calibration Time(s): 11:31 12:25

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00



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

CALIBRATION VERIFICATION SUMMARY

 Contract: ENTA05

 Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

 Client Sample No.: CCAL04 Date Analyzed: 06/10/2025

 Lab Sample No.: PSTDCCC050 Data File : PD088866.D Time Analyzed: 14:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.073	8.977	9.177	51.320	50.000	2.6
Endrin	6.574	6.477	6.677	51.740	50.000	3.5
gamma-BHC (Lindane)	4.329	4.232	4.432	53.320	50.000	6.6
Heptachlor	4.928	4.832	5.032	53.600	50.000	7.2
Heptachlor epoxide	5.690	5.593	5.793	52.350	50.000	4.7
Methoxychlor	7.493	7.395	7.595	51.440	50.000	2.9
Tetrachloro-m-xylene	3.548	3.451	3.651	57.070	50.000	14.1



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

CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL04 Date Analyzed: 06/10/2025

Lab Sample No.: PSTDCCC050 Data File : PD088866.D Time Analyzed: 14:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.073	7.977	8.177	49.750	50.000	-0.5
Endrin	5.789	5.692	5.892	47.940	50.000	-4.1
gamma-BHC (Lindane)	3.729	3.631	3.831	48.820	50.000	-2.4
Heptachlor	4.083	3.985	4.185	48.230	50.000	-3.5
Heptachlor epoxide	4.872	4.775	4.975	48.250	50.000	-3.5
Methoxychlor	6.755	6.658	6.858	48.550	50.000	-2.9
Tetrachloro-m-xylene	2.880	2.782	2.982	48.570	50.000	-2.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
 Data File : PD088866.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 14:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/11/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 15:00:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.548	2.880	123.5E6	734.7E6	57.070	48.570
2) SA Decachlor...	9.073	8.073	175.6E6	908.2E6	51.321	49.746
Target Compounds						
2) A alpha-BHC	3.998	3.393	258.2E6	1169.6E6	54.049	48.928
3) MA gamma-BHC...	4.329	3.729	245.4E6	1082.1E6	53.322	48.817
4) MA Heptachlor	4.928	4.083	239.7E6	1083.0E6	53.600	48.230
5) MB Aldrin	5.270	4.369	233.5E6	1072.4E6	53.124	48.900
6) B beta-BHC	4.514	4.025	95291836	467.7E6	52.847	48.006
7) B delta-BHC	4.763	4.262	238.1E6	1092.2E6	56.340	48.988
8) B Heptachlo...	5.690	4.872	207.8E6	958.8E6	52.346	48.250
9) A Endosulfan I	6.074	5.247	196.0E6	906.0E6	52.080	47.740
10) B gamma-Chl...	5.945	5.125	210.4E6	1031.6E6	52.752	48.358
11) B alpha-Chl...	6.026	5.190	211.3E6	992.7E6	52.746	48.132
12) B 4,4'-DDE	6.195	5.374	191.0E6	1008.0E6	53.208	48.223m
13) MA Dieldrin	6.346	5.513	209.7E6	1019.6E6	52.266	48.450
14) MA Endrin	6.574	5.789	176.7E6	924.6E6	51.735	47.944
15) B Endosulfa...	6.786	6.080	176.2E6	891.1E6	51.155	48.637
16) A 4,4'-DDD	6.704	5.930	150.9E6	854.6E6	54.198	49.135
17) MA 4,4'-DDT	7.021	6.184	164.0E6	891.2E6	52.530	49.136
18) B Endrin al...	6.915	6.259	128.1E6	653.8E6	49.759	46.939
19) B Endosulfa...	7.149	6.482	165.1E6	860.8E6	51.545	48.479
20) A Methoxychlor	7.493	6.755	85933626	464.9E6	51.440	48.553
21) B Endrin ke...	7.630	6.992	178.6E6	959.0E6	52.182	49.568
22) Mirex	8.114	7.186	131.6E6	740.8E6	50.641	48.730

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

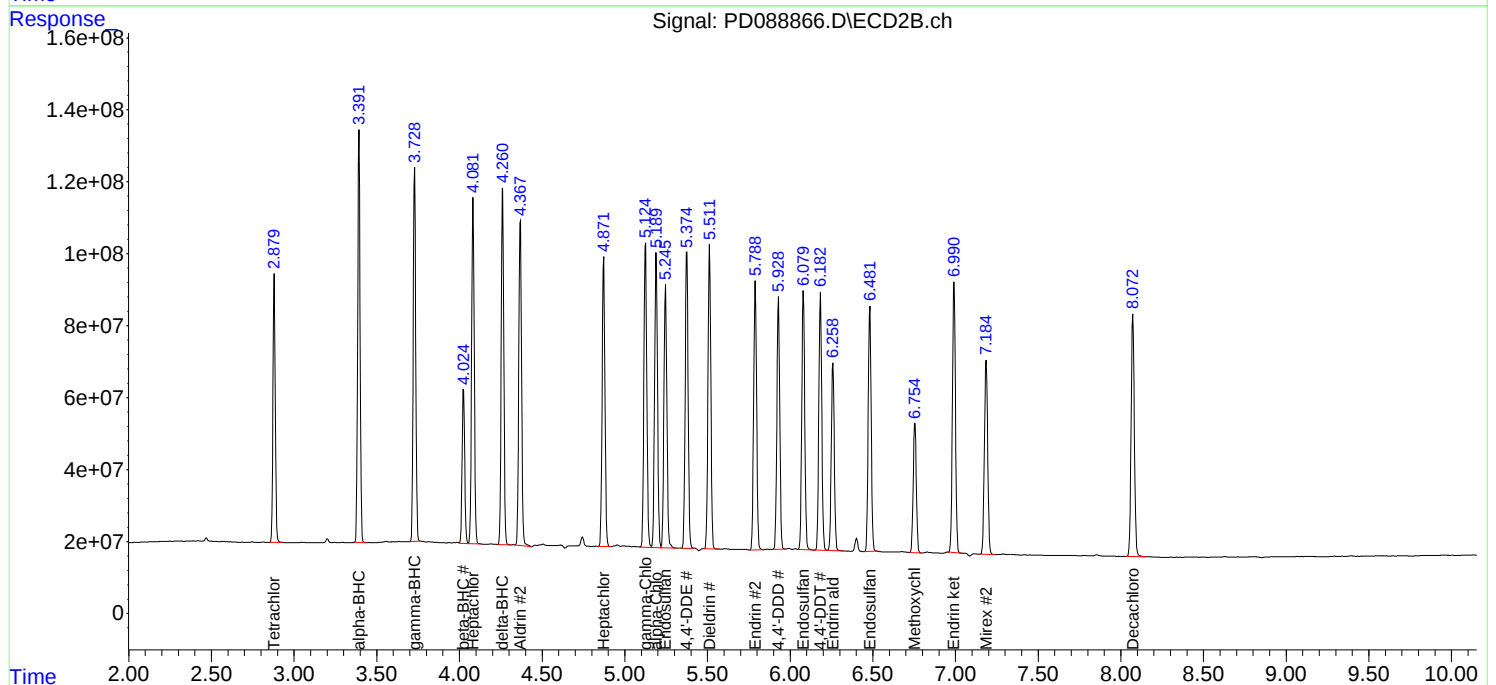
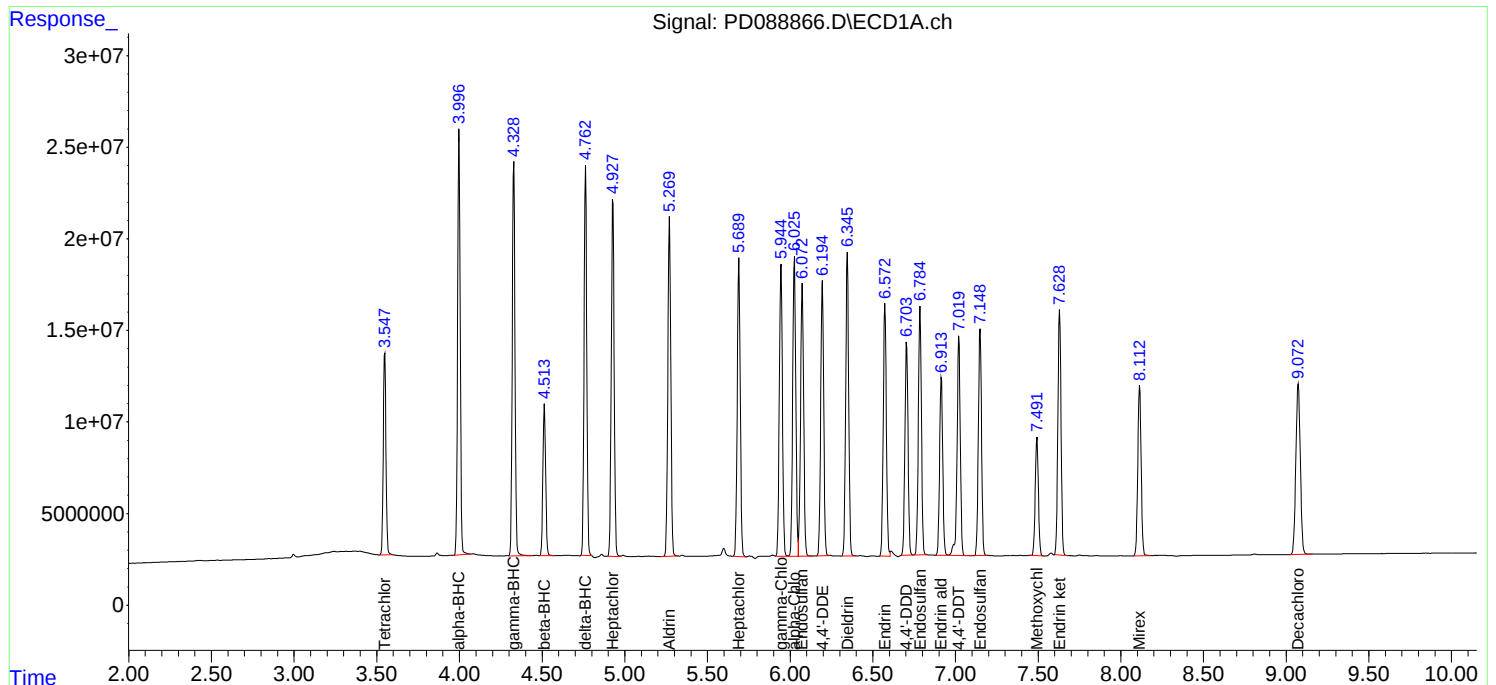
APPROVED

Reviewed By :Abdul Mirza 06/11/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 15:00:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088584.D Date Analyzed: 05/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:04

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.076	8.980	9.180	21.510	20.000	7.6
Tetrachloro-m-xylene	3.550	3.500	3.600	19.960	20.000	-0.2
alpha-BHC	3.999	3.950	4.050	9.120	10.000	-8.8
beta-BHC	4.516	4.470	4.570	10.260	10.000	2.6
gamma-BHC (Lindane)	4.331	4.280	4.380	9.460	10.000	-5.4
Endrin	6.576	6.510	6.650	50.860	50.000	1.7
4,4'-DDT	7.023	6.950	7.090	101.210	100.000	1.2
Methoxychlor	7.495	7.420	7.570	234.710	250.000	-6.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088584.D Date Analyzed: 05/19/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:04

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.076	7.980	8.180	20.960	20.000	4.8
Tetrachloro-m-xylene	2.881	2.830	2.930	20.340	20.000	1.7
alpha-BHC	3.394	3.340	3.440	10.570	10.000	5.7
beta-BHC	4.027	3.980	4.080	10.990	10.000	9.9
gamma-BHC (Lindane)	3.731	3.680	3.780	10.670	10.000	6.7
Endrin	5.792	5.720	5.860	48.470	50.000	-3.1
4,4'-DDT	6.186	6.120	6.260	95.100	100.000	-4.9
Methoxychlor	6.757	6.690	6.830	195.630	250.000	-21.7

PEM
 Data File: PD088584.D Date Acquired 5/19/2025 11:04
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.58	173685081.8	175498963.3	1813881.45	Down 1.03
Endrin aldehyde	6.92	496243.147			
Endrin ketone	7.63	1317638.301			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.79	934754801	952277943.5	17523142.5	1.84
Endrin aldehyde #2	6.26	8463657.028			
Endrin ketone #2	6.99	9059485.439			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	315976412.5	316568194.8	591782.32	0.19
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	591782.32			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.19	1724841287	1729650955	4809667.73	0.28
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.93	4809667.734			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 11:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/20/2025
 Supervised By :mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 14:00:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 13:57:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.550	2.881	43185677	307.7E6	19.959	20.343
2) SA Decachlor...	9.076	8.076	73616024	382.7E6	21.510	20.961
Target Compounds						
2) A alpha-BHC	3.999	3.394	43541198	252.7E6	9.116	10.572
3) MA gamma-BHC...	4.331	3.731	43519433	236.4E6	9.455	10.667
6) B beta-BHC	4.516	4.027	18494243	107.0E6	10.257	10.988
14) MA Endrin	6.576	5.792	173.7E6	934.8E6	50.857	48.473
16) A 4,4'-DDD	6.705	5.935	591782	4809668	0.212m	0.277m#
17) MA 4,4'-DDT	7.023	6.186	316.0E6	1724.8E6	101.208	95.099
18) B Endrin al...	6.919	6.258	496243	8463657	0.193m	0.608m#
20) A Methoxychlor	7.495	6.757	392.1E6	1873.1E6	234.711	195.632
21) B Endrin ke...	7.631	6.992	1317638	9059485	0.385m	0.468m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

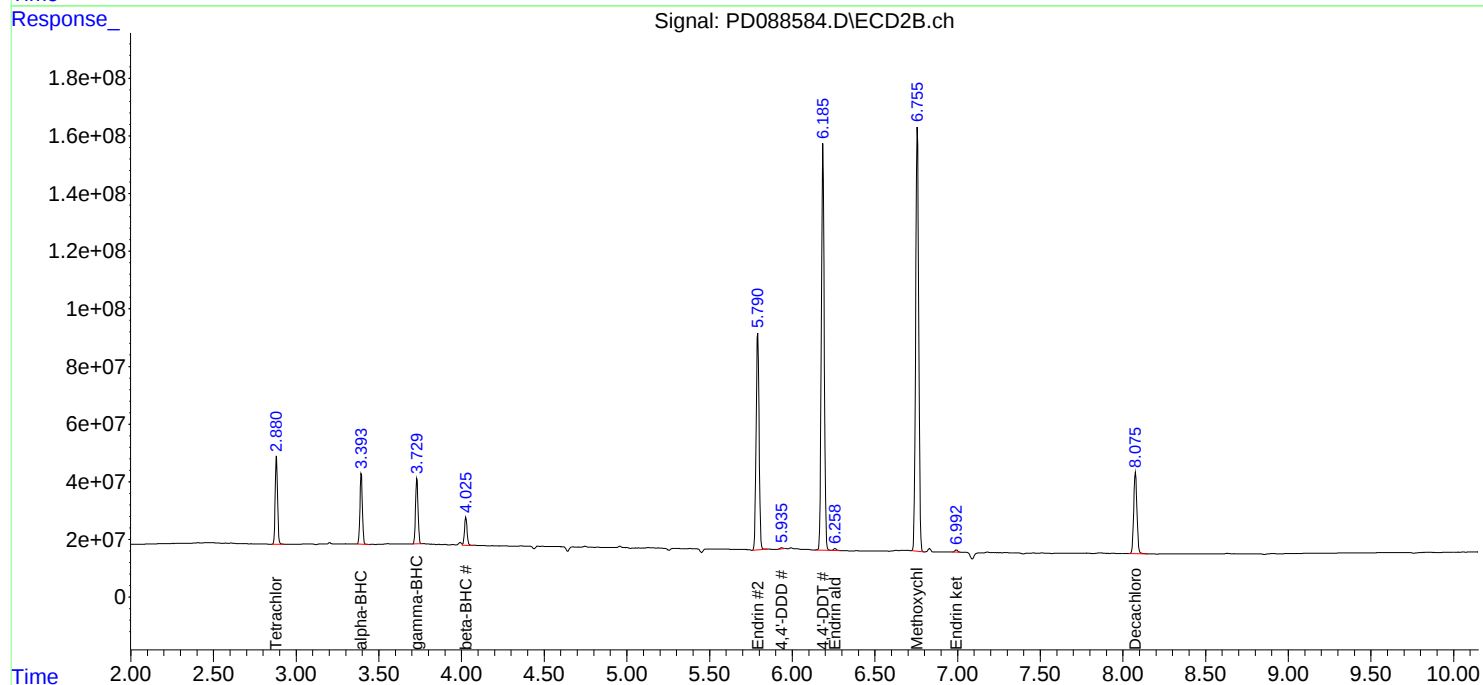
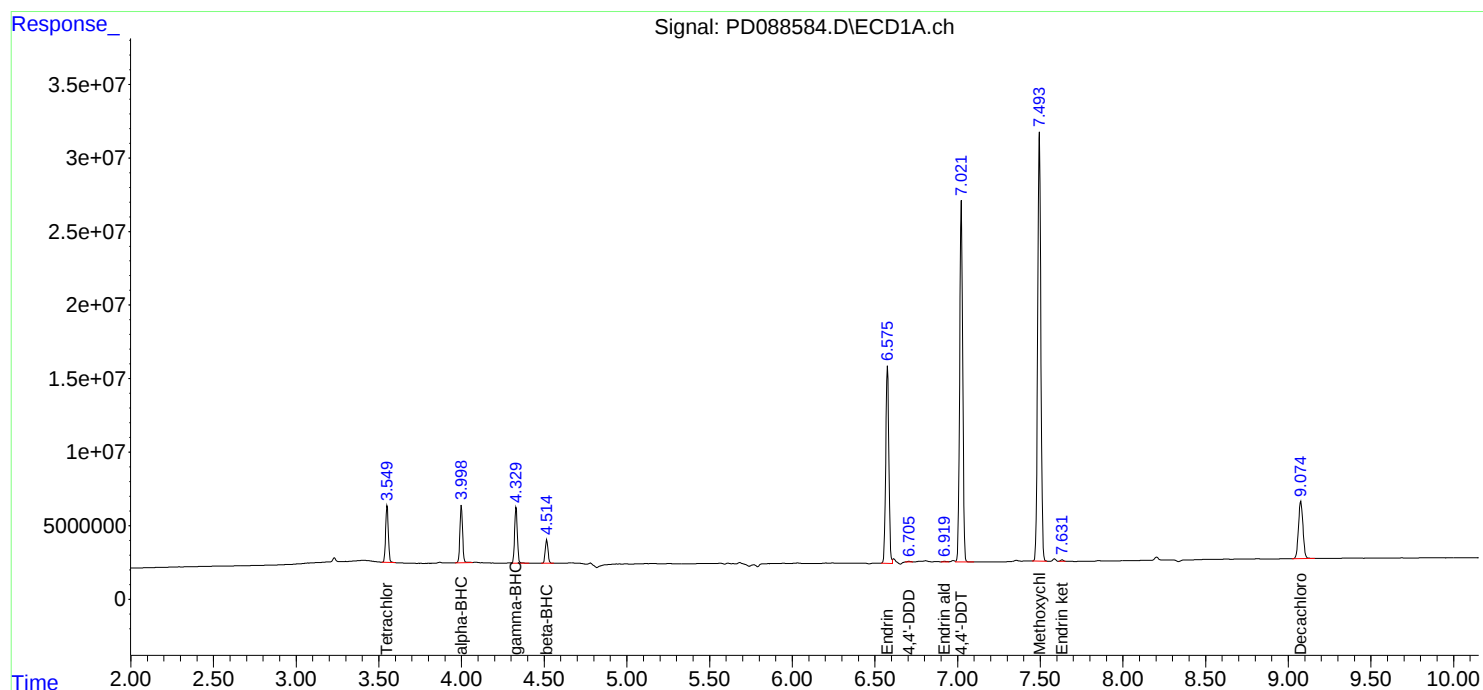
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/20/2025
Supervised By : mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 14:00:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 13:57:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088821.D Date Analyzed: 06/09/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:30

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.083	8.980	9.180	23.140	20.000	15.7
Tetrachloro-m-xylene	3.555	3.500	3.610	23.120	20.000	15.6
alpha-BHC	4.005	3.950	4.060	9.790	10.000	-2.1
beta-BHC	4.522	4.470	4.570	11.020	10.000	10.2
gamma-BHC (Lindane)	4.337	4.290	4.390	10.080	10.000	0.8
Endrin	6.582	6.510	6.650	53.120	50.000	6.2
4,4'-DDT	7.029	6.960	7.100	108.700	100.000	8.7
Methoxychlor	7.501	7.430	7.570	250.330	250.000	0.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088821.D Date Analyzed: 06/09/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:30

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.075	7.970	8.180	21.620	20.000	8.1
Tetrachloro-m-xylene	2.879	2.830	2.930	19.460	20.000	-2.7
alpha-BHC	3.392	3.340	3.440	10.090	10.000	0.9
beta-BHC	4.025	3.970	4.080	10.220	10.000	2.2
gamma-BHC (Lindane)	3.729	3.680	3.780	10.210	10.000	2.1
Endrin	5.790	5.720	5.860	45.540	50.000	-8.9
4,4'-DDT	6.185	6.110	6.260	91.970	100.000	-8.0
Methoxychlor	6.756	6.690	6.830	181.270	250.000	-27.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 10:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/10/2025
 Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 13:50:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.555	2.879	50016794	294.4E6	23.116	19.463
28) SA Decachlor...	9.083	8.075	79208753	394.6E6	23.145	21.616
Target Compounds						
2) A alpha-BHC	4.005	3.392	46762713	241.3E6	9.790	10.093
3) MA gamma-BHC...	4.337	3.729	46377773	226.2E6	10.076	10.206
6) B beta-BHC	4.522	4.025	19878074	99607023	11.024	10.225
14) MA Endrin	6.582	5.790	181.4E6	878.2E6	53.122	45.542
16) A 4,4'-DDD	6.711	5.932	1751336	10181150	0.629	0.585
17) MA 4,4'-DDT	7.029	6.185	339.4E6	1668.1E6	108.701	91.972
18) B Endrin al...	6.923	6.258	306967	9071158	0.119m	0.651 #
20) A Methoxychlor	7.501	6.756	418.2E6	1735.6E6	250.327	181.269 #
21) B Endrin ke...	7.636	6.992	1910975	14873371	0.558m	0.769 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 10:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

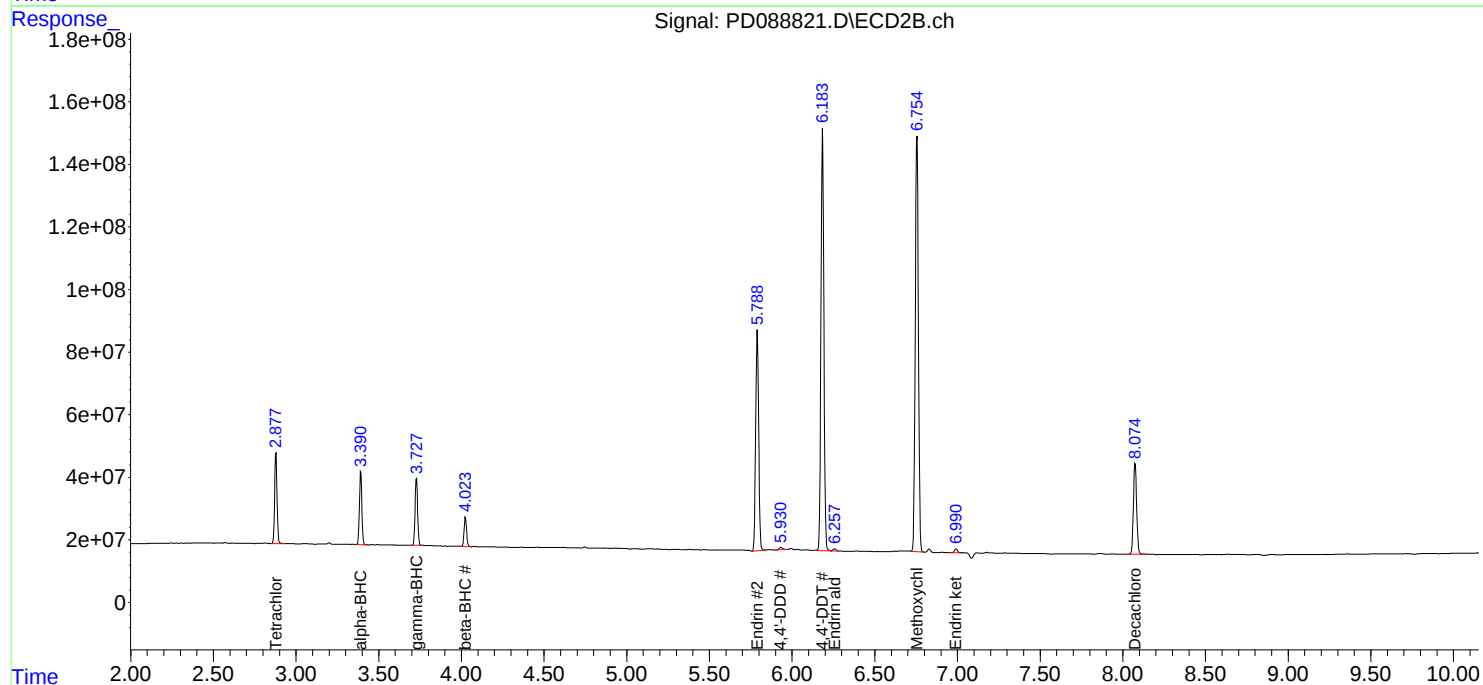
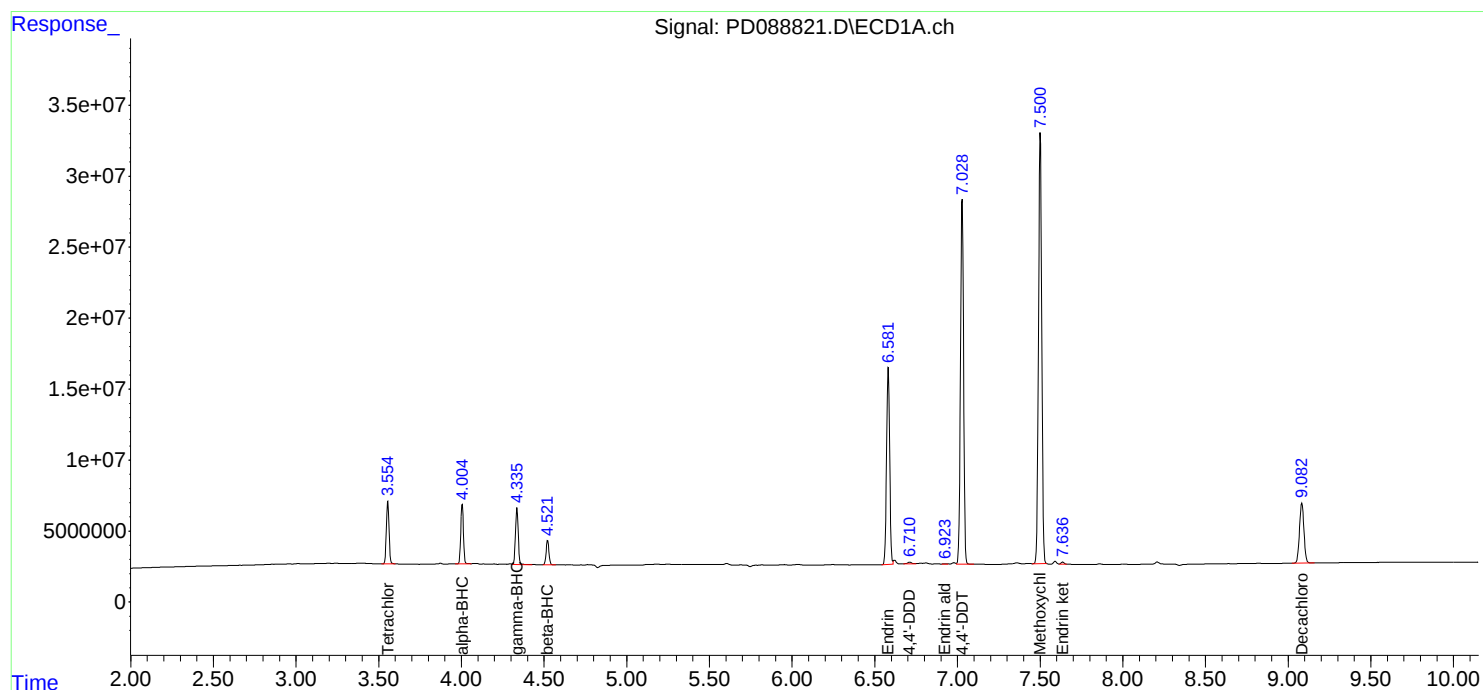
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/10/2025
Supervised By : mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 13:50:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236 SAS No.: Q2236 SDG NO.: Q2236

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088854.D Date Analyzed: 06/10/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:20

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.073	8.970	9.170	23.340	20.000	16.7
Tetrachloro-m-xylene	3.548	3.500	3.600	23.710	20.000	18.6
alpha-BHC	3.997	3.950	4.050	10.130	10.000	1.3
beta-BHC	4.514	4.460	4.560	11.440	10.000	14.4
gamma-BHC (Lindane)	4.328	4.280	4.380	10.390	10.000	3.9
Endrin	6.574	6.500	6.640	54.050	50.000	8.1
4,4'-DDT	7.021	6.950	7.090	109.290	100.000	9.3
Methoxychlor	7.493	7.420	7.560	250.640	250.000	0.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No. (PEM): PEM - PD088854.D Date Analyzed: 06/10/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:20

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	8.072	7.970	8.170	22.920	20.000	14.6
Tetrachloro-m-xylene	2.879	2.830	2.930	20.890	20.000	4.5
alpha-BHC	3.391	3.340	3.440	10.830	10.000	8.3
beta-BHC	4.024	3.970	4.070	10.990	10.000	9.9
gamma-BHC (Lindane)	3.728	3.680	3.780	10.900	10.000	9.0
Endrin	5.788	5.720	5.860	48.770	50.000	-2.5
4,4'-DDT	6.182	6.110	6.250	96.500	100.000	-3.5
Methoxychlor	6.753	6.680	6.820	193.720	250.000	-22.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
 Data File : PD088854.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 09:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/11/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 14:12:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.548	2.879	51310089	316.0E6	23.714	20.893
28) SA Decachlor...	9.073	8.072	79873105	418.4E6	23.339	22.917
Target Compounds						
2) A alpha-BHC	3.997	3.391	48363729	258.9E6	10.125	10.830
3) MA gamma-BHC...	4.328	3.728	47829753	241.6E6	10.392	10.900
6) B beta-BHC	4.514	4.024	20619526	107.1E6	11.435	10.991
14) MA Endrin	6.574	5.788	184.6E6	940.6E6	54.049	48.774
16) A 4,4'-DDD	6.704	5.929	3555161	23797435	1.276	1.368
17) MA 4,4'-DDT	7.021	6.182	341.2E6	1750.2E6	109.295	96.497
18) B Endrin al...	6.915	6.256	499701	10063490	0.194m	0.722 #
20) A Methoxychlor	7.493	6.753	418.7E6	1854.9E6	250.645	193.722
21) B Endrin ke...	7.628	6.990	2689611	19621282	0.786m	1.014 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 09:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

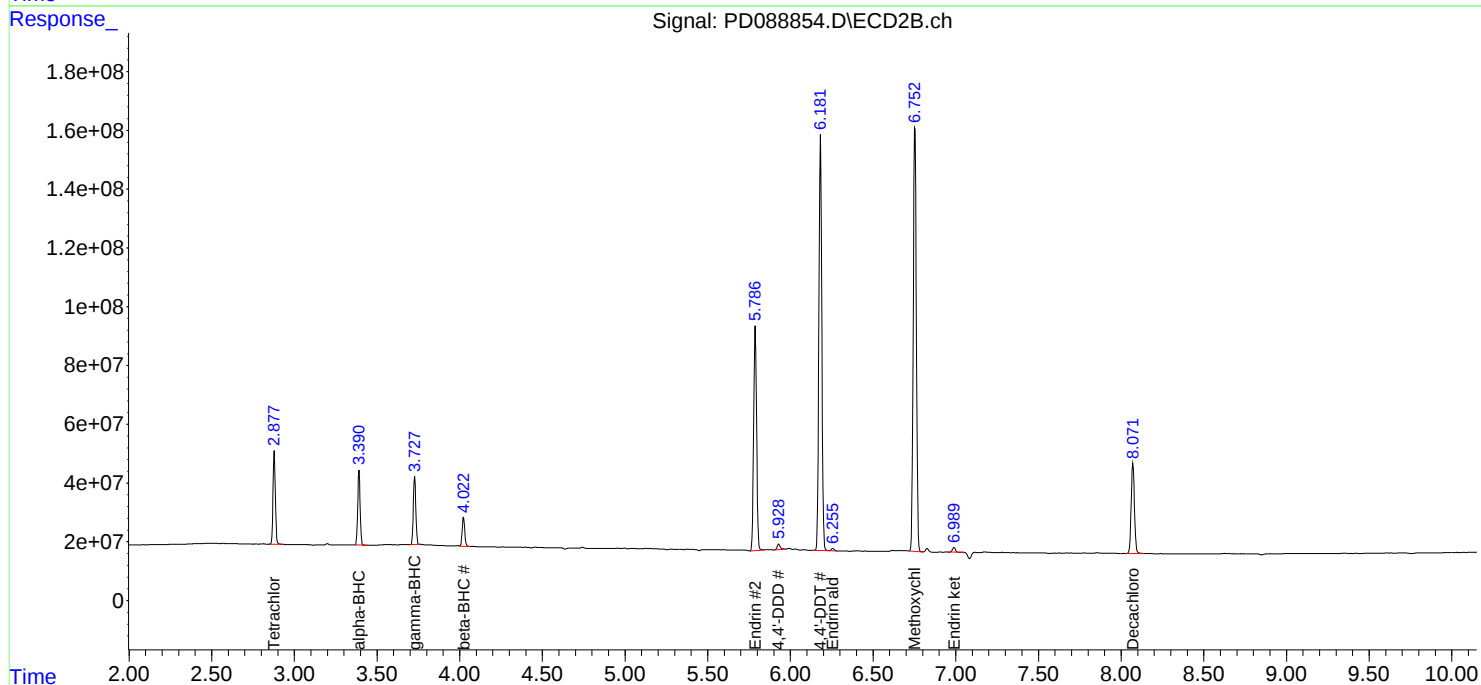
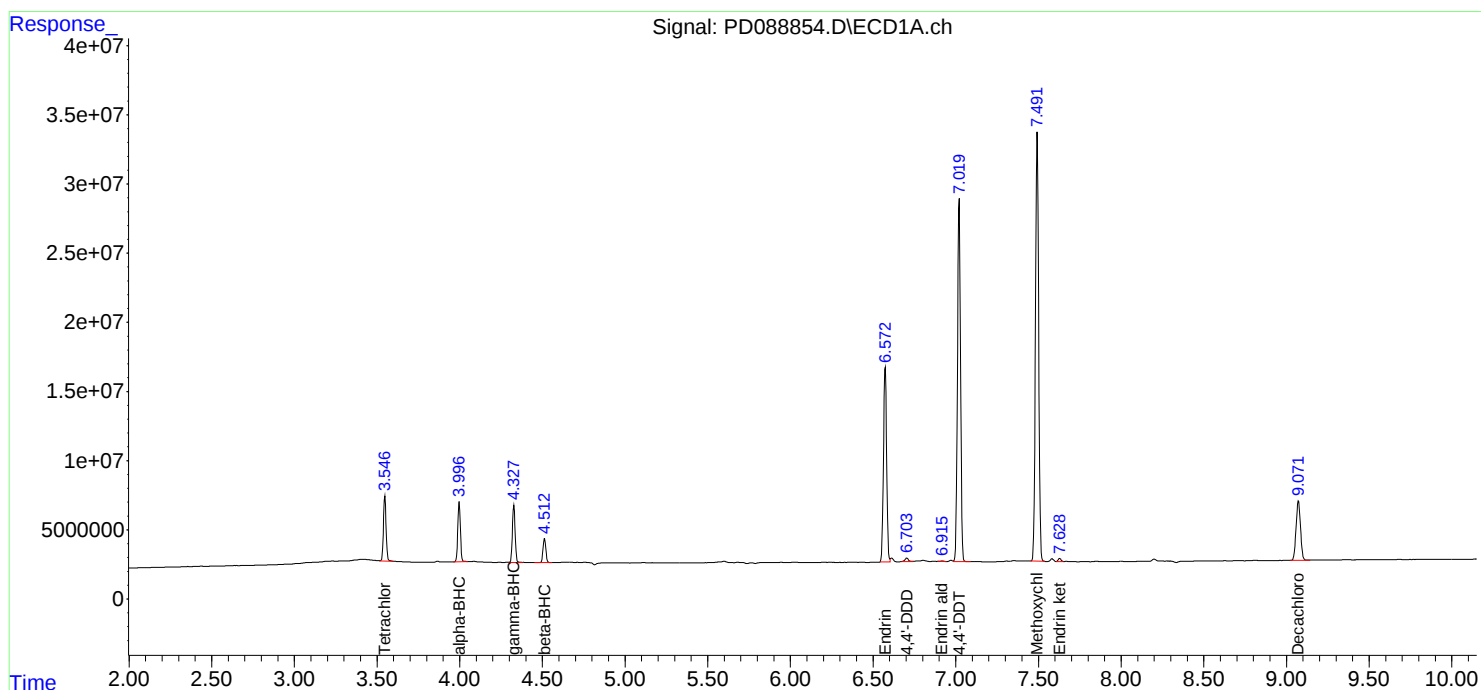
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/11/2025
Supervised By : mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:12:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088585.D
Acq On : 19 May 2025 11:17
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Title : GC Extractables
Last Update : Mon May 19 13:57:43 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.550	5.948	100.00%
5.948	6.076	100.00%
6.076	6.198	100.00%
6.198	6.350	100.00%
6.350	7.152	100.00%
7.152	7.495	100.00%
7.495	7.633	100.00%
7.633	9.077	100.00%

Signal #2

2.881	5.128	100.00%
5.128	5.249	100.00%
5.249	5.377	100.00%
5.377	5.515	100.00%
5.515	6.485	100.00%
6.485	6.757	100.00%
6.757	6.994	100.00%
6.994	8.075	100.00%

PD051925.M Mon May 19 14:07:57 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 11:17
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 14:00:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 13:57:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.550	2.881	41487143	300.1E6	19.174	19.836
28)	SA Decachlor...	9.077	8.075	69355454	365.4E6	20.266	20.017
Target Compounds							
9)	A Endosulfan I	6.076	5.249	33273453	185.2E6	8.842	9.760
10)	B gamma-Chl...	5.948	5.128	36597267	220.9E6	9.175	10.355
12)	B 4,4'-DDE	6.198	5.377	66676699	417.9E6	18.576	19.993
13)	MA Dieldrin	6.350	5.515	73699578	411.2E6	18.371	19.539
19)	B Endosulfa...	7.152	6.485	60919862	351.5E6	19.019	19.795
20)	A Methoxychlor	7.495	6.757	152.5E6	804.8E6	91.284	84.053
21)	B Endrin ke...	7.633	6.994	64436060	381.7E6	18.824	19.728

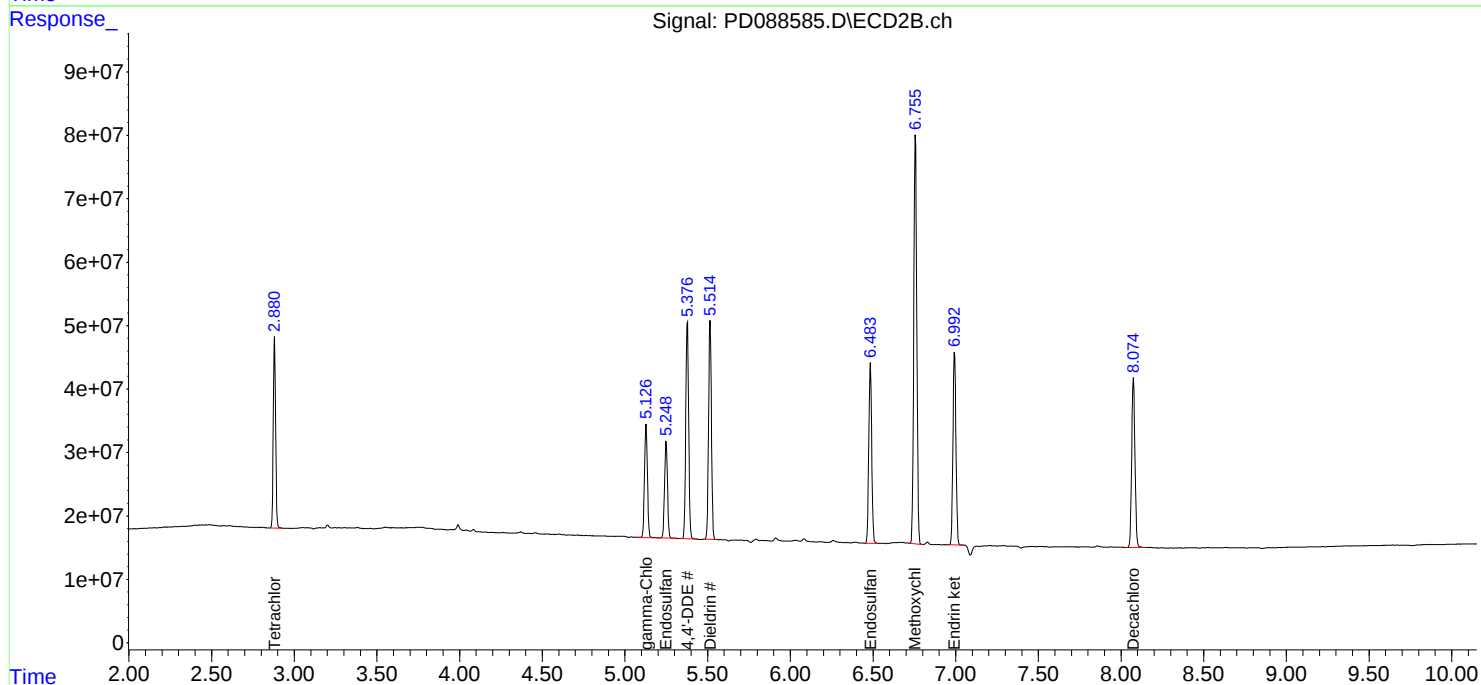
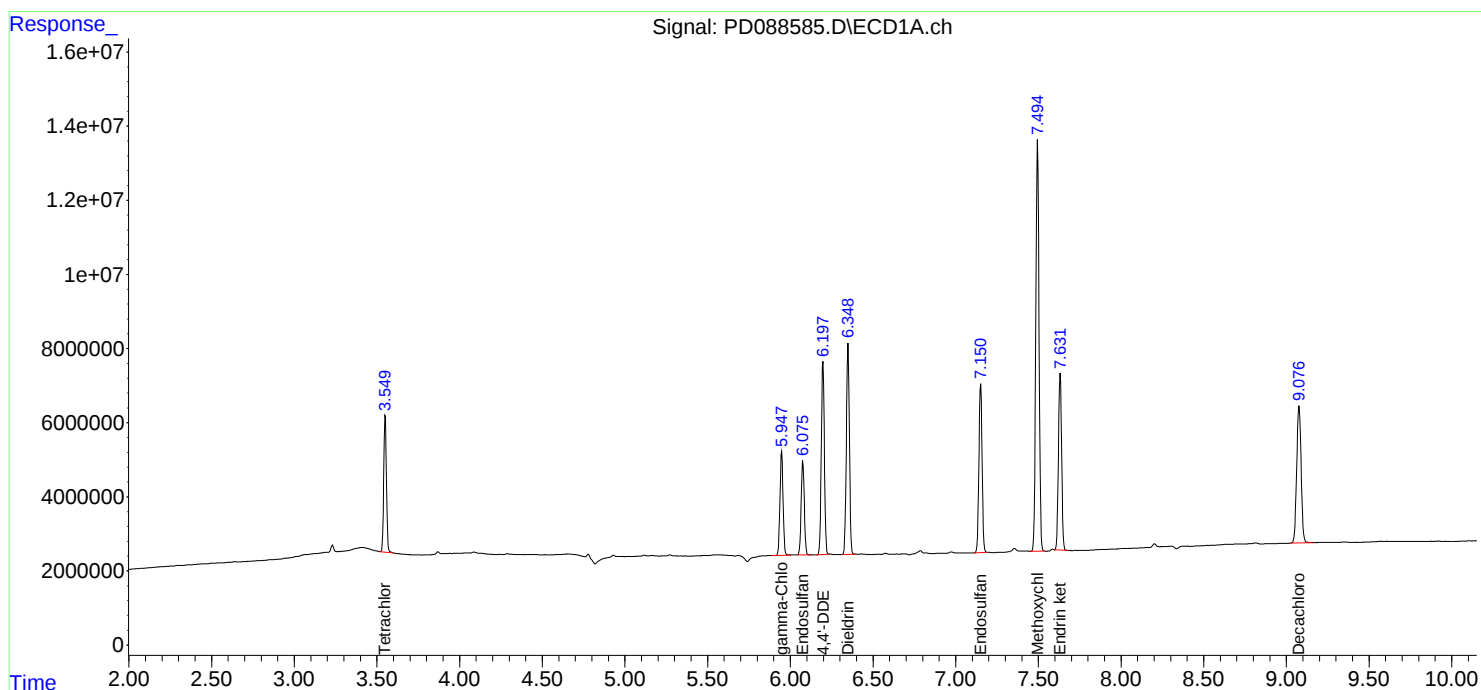
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:17
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 14:00:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 13:57:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: ENTACT	SDG No.: Q2236
Project: 540 Degraw St, Brooklyn, NY - E9309	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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	05/19/2025	10:50	PD088583.D	9.08	3.55
PEM	PEM	05/19/2025	11:04	PD088584.D	9.08	3.55
RESCHK	RESCHK	05/19/2025	11:17	PD088585.D	9.08	3.55
PSTDICC100	PSTDICC100	05/19/2025	11:31	PD088586.D	9.08	3.55
PSTDICC075	PSTDICC075	05/19/2025	11:45	PD088587.D	9.08	3.55
PSTDICC050	PSTDICC050	05/19/2025	11:58	PD088588.D	9.08	3.55
PSTDICC025	PSTDICC025	05/19/2025	12:12	PD088589.D	9.08	3.55
PSTDICC005	PSTDICC005	05/19/2025	12:25	PD088590.D	9.08	3.55
PCHLORICC500	PCHLORICC500	05/19/2025	13:06	PD088593.D	9.08	3.55
PTOXICC500	PTOXICC500	05/19/2025	14:14	PD088598.D	9.08	3.55
IBLK	IBLK	06/09/2025	08:50	PD088820.D	9.07	3.55
PEM	PEM	06/09/2025	10:30	PD088821.D	9.08	3.56
PSTDCCC050	PSTDCCC050	06/09/2025	10:44	PD088822.D	9.07	3.55
PB168330BL	PB168330BL	06/09/2025	13:14	PD088832.D	9.08	3.56
PB168330BS	PB168330BS	06/09/2025	13:28	PD088833.D	9.07	3.55
PB168311TB	PB168311TB	06/09/2025	13:58	PD088835.D	9.07	3.55
B-207-SB02MS	Q2198-04MS	06/09/2025	14:39	PD088838.D	9.07	3.55
B-207-SB02MSD	Q2198-04MSD	06/09/2025	14:53	PD088839.D	9.07	3.55
IBLK	IBLK	06/09/2025	15:30	PD088840.D	9.08	3.56
PSTDCCC050	PSTDCCC050	06/09/2025	15:44	PD088841.D	9.07	3.55
IBLK	IBLK	06/10/2025	09:06	PD088853.D	9.08	3.55
PEM	PEM	06/10/2025	09:20	PD088854.D	9.07	3.55
PSTDCCC050	PSTDCCC050	06/10/2025	10:38	PD088855.D	9.08	3.56
WC-A4-05A-C	Q2236-03	06/10/2025	13:27	PD088860.D	9.08	3.55
WC-A2-04-C	Q2236-07	06/10/2025	13:41	PD088861.D	9.08	3.55
WC-A2-05-C	Q2236-11	06/10/2025	13:54	PD088862.D	9.07	3.55
WC-A2-06-C	Q2236-15	06/10/2025	14:08	PD088863.D	9.07	3.55
WC-A2-07-C	Q2236-19	06/10/2025	14:22	PD088864.D	9.07	3.55
IBLK	IBLK	06/10/2025	14:35	PD088865.D	9.07	3.55
PSTDCCC050	PSTDCCC050	06/10/2025	14:49	PD088866.D	9.07	3.55

Analytical Sequence

Client: ENTACT	SDG No.: Q2236
Project: 540 Degraw St, Brooklyn, NY - E9309	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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	05/19/2025	10:50	PD088583.D	8.08	2.88
PEM	PEM	05/19/2025	11:04	PD088584.D	8.08	2.88
RESCHK	RESCHK	05/19/2025	11:17	PD088585.D	8.08	2.88
PSTDICC100	PSTDICC100	05/19/2025	11:31	PD088586.D	8.08	2.88
PSTDICC075	PSTDICC075	05/19/2025	11:45	PD088587.D	8.08	2.88
PSTDICC050	PSTDICC050	05/19/2025	11:58	PD088588.D	8.08	2.88
PSTDICC025	PSTDICC025	05/19/2025	12:12	PD088589.D	8.08	2.88
PSTDICC005	PSTDICC005	05/19/2025	12:25	PD088590.D	8.08	2.88
PCHLORICC500	PCHLORICC500	05/19/2025	13:06	PD088593.D	8.08	2.88
PTOXICC500	PTOXICC500	05/19/2025	14:14	PD088598.D	8.08	2.88
IBLK	IBLK	06/09/2025	08:50	PD088820.D	8.07	2.88
PEM	PEM	06/09/2025	10:30	PD088821.D	8.08	2.88
PSTDCCC050	PSTDCCC050	06/09/2025	10:44	PD088822.D	8.07	2.88
PB168330BL	PB168330BL	06/09/2025	13:14	PD088832.D	8.08	2.88
PB168330BS	PB168330BS	06/09/2025	13:28	PD088833.D	8.07	2.88
PB168311TB	PB168311TB	06/09/2025	13:58	PD088835.D	8.07	2.88
B-207-SB02MS	Q2198-04MS	06/09/2025	14:39	PD088838.D	8.07	2.88
B-207-SB02MSD	Q2198-04MSD	06/09/2025	14:53	PD088839.D	8.07	2.88
IBLK	IBLK	06/09/2025	15:30	PD088840.D	8.08	2.88
PSTDCCC050	PSTDCCC050	06/09/2025	15:44	PD088841.D	8.07	2.88
IBLK	IBLK	06/10/2025	09:06	PD088853.D	8.07	2.88
PEM	PEM	06/10/2025	09:20	PD088854.D	8.07	2.88
PSTDCCC050	PSTDCCC050	06/10/2025	10:38	PD088855.D	8.08	2.88
WC-A4-05A-C	Q2236-03	06/10/2025	13:27	PD088860.D	8.07	2.88
WC-A2-04-C	Q2236-07	06/10/2025	13:41	PD088861.D	8.07	2.88
WC-A2-05-C	Q2236-11	06/10/2025	13:54	PD088862.D	8.07	2.88
WC-A2-06-C	Q2236-15	06/10/2025	14:08	PD088863.D	8.07	2.88
WC-A2-07-C	Q2236-19	06/10/2025	14:22	PD088864.D	8.07	2.88
IBLK	IBLK	06/10/2025	14:35	PD088865.D	8.07	2.88
PSTDCCC050	PSTDCCC050	06/10/2025	14:49	PD088866.D	8.07	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-207-SB02MS

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2236

SAS No.: Q2236

SDG NO.: Q2236

Lab Sample ID: Q2198-04MS

Date(s) Analyzed: 06/09/2025

06/09/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	6.20	12
	2	6.75	6.70	6.80	5.50	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	6.30	15.4
	2	3.73	3.68	3.78	5.40	
Heptachlor	1	4.93	4.88	4.98	5.40	13.9
	2	4.08	4.03	4.13	4.70	
Heptachlor epoxide	1	5.69	5.64	5.74	6.10	12.2
	2	4.87	4.82	4.92	5.40	
Endrin	1	6.57	6.52	6.62	6.30	13.6
	2	5.79	5.74	5.84	5.50	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-207-SB02MSD

Contract: ENTA05

Lab Code: CHEM Case No.: Q2236

SAS No.: Q2236 SDG NO.: Q2236

Lab Sample ID: Q2198-04MSD

Date(s) Analyzed: 06/09/2025 06/09/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	6.20	12
	2	6.75	6.70	6.80	5.50	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	6.40	15.1
	2	3.73	3.68	3.78	5.50	
Heptachlor	1	4.93	4.88	4.98	5.40	13.9
	2	4.08	4.03	4.13	4.70	
Heptachlor epoxide	1	5.69	5.64	5.74	6.10	12.2
	2	4.87	4.82	4.92	5.40	
Endrin	1	6.57	6.52	6.62	6.30	8.3
	2	5.79	5.74	5.84	5.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168330BS

Contract: ENTA05

Lab Code: CHEM

Case No.: Q2236

SAS No.: Q2236

SDG NO.: Q2236

Lab Sample ID: PB168330BS

Date(s) Analyzed: 06/09/2025

06/09/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	0.54	9.6
	2	6.75	6.70	6.80	0.49	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.53	6.8
	2	3.73	3.68	3.78	0.49	
Heptachlor	1	4.93	4.88	4.98	0.54	10.5
	2	4.08	4.03	4.13	0.48	
Heptachlor epoxide	1	5.69	5.64	5.74	0.53	8.3
	2	4.87	4.82	4.92	0.49	
Endrin	1	6.57	6.52	6.62	0.54	10.4
	2	5.79	5.74	5.84	0.48	



QC SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168330BL	SDG No.:	Q2236
Lab Sample ID:	PB168330BL	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088832.D	1	06/06/25 12:32	06/09/25 13:14	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.8		30 (57) - 150 (171)	129%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.1		30 (61) - 150 (148)	121%	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_D\Data\PD060925\
 Data File : PD088832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 13:14
 Operator : AR\AJ
 Sample : PB168330BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168330BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 13:57:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.555	2.880	52203070	329.3E6	24.126	21.771
28) SA Decachlor...	9.081	8.075	88127967	446.3E6	25.751	24.446

Target Compounds

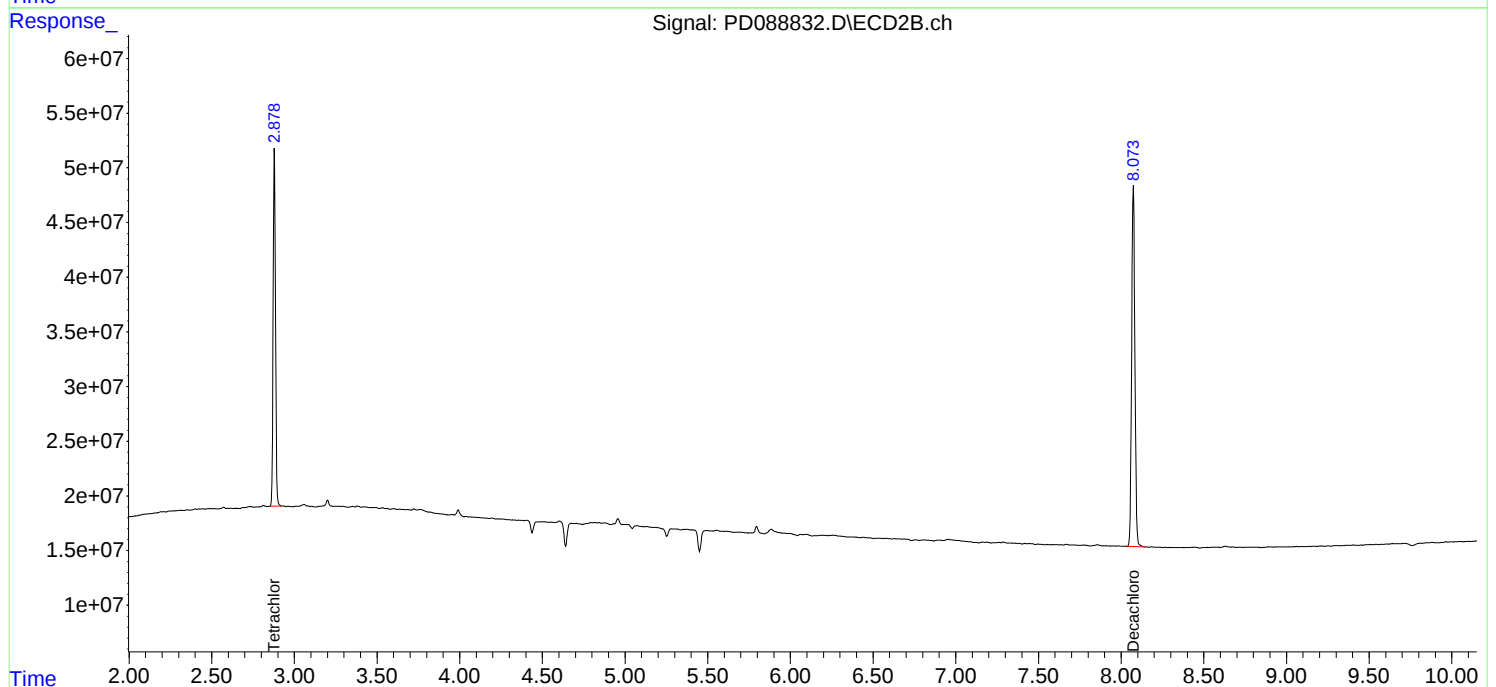
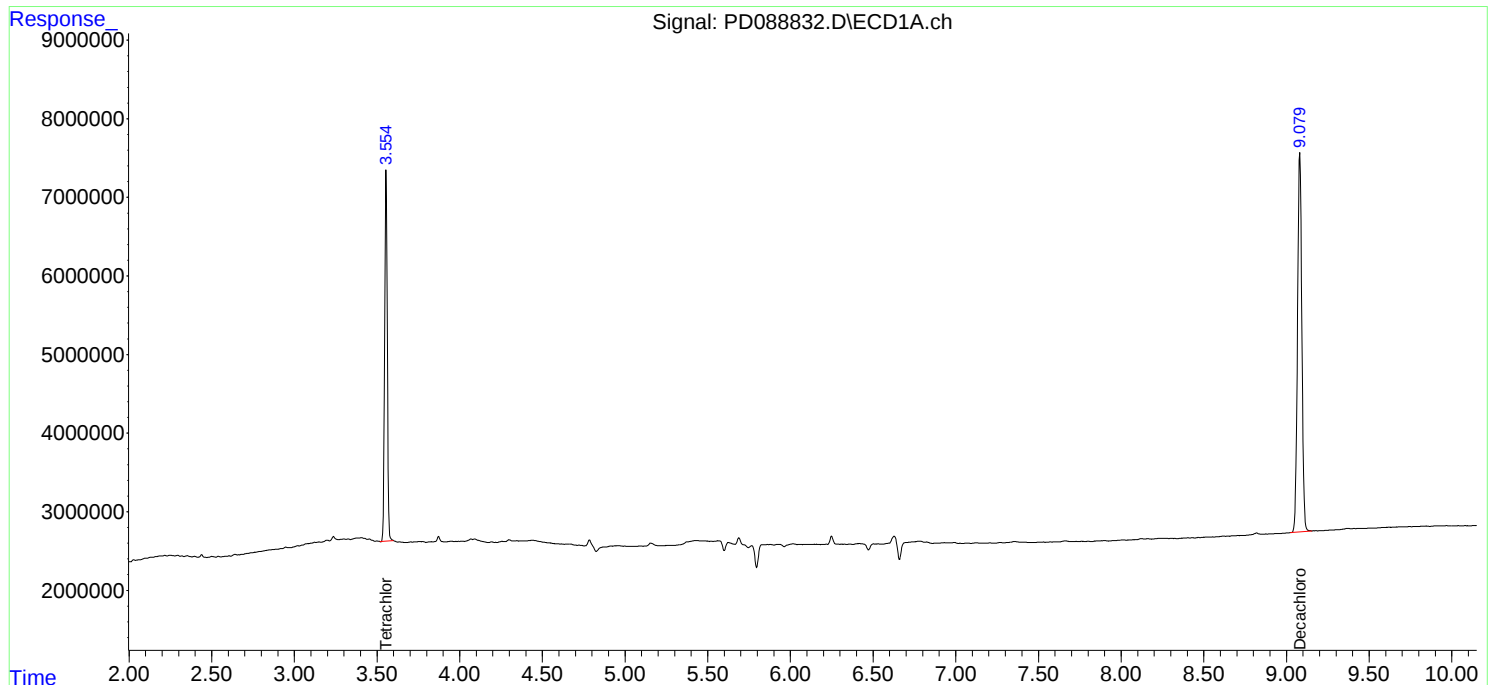
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

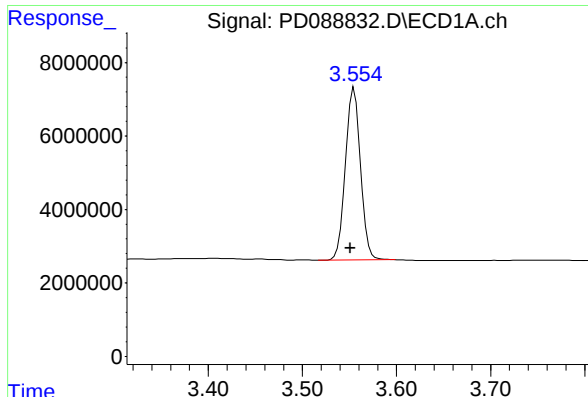
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 13:14
Operator : AR\AJ
Sample : PB168330BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB168330BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 13:57:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

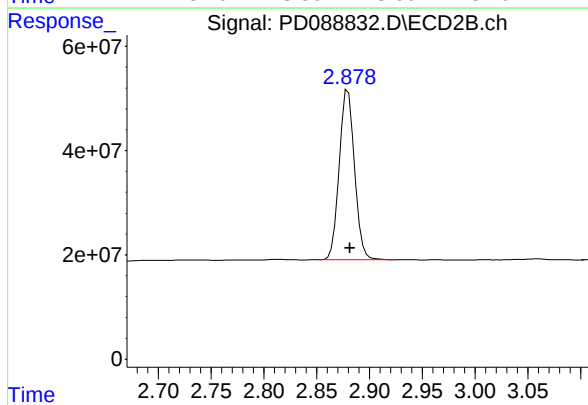




#1 Tetrachloro-m-xylene

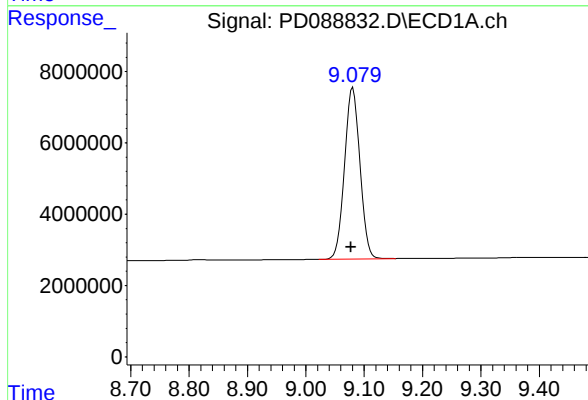
R.T.: 3.555 min
Delta R.T.: 0.004 min
Response: 52203070
Conc: 24.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168330BL



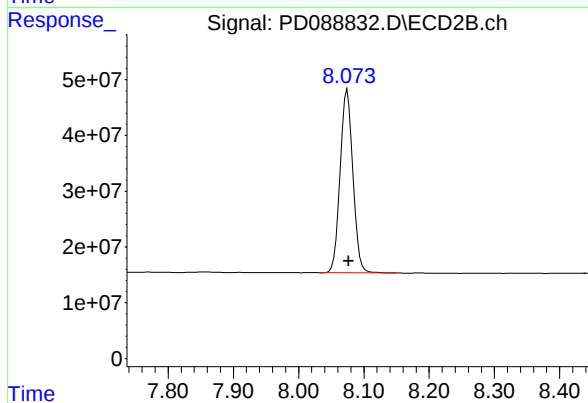
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 329330180
Conc: 21.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.081 min
Delta R.T.: 0.003 min
Response: 88127967
Conc: 25.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 446290877
Conc: 24.45 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	05/19/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	PIBLK-PD088583.D	SDG No.:	Q2236
Lab Sample ID:	I.BLK-PD088583.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088583.D	1		05/19/25	PD051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.4		30 (57) - 150 (171)	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.9		30 (61) - 150 (148)	84%	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_D\Data\PD051925\
Data File : PD088583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 10:50
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 13:59:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 13:57:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.550	2.882	35746806	254.9E6	16.521	16.853
28) SA Decachlor...	9.076	8.075	63010697	329.2E6	18.412	18.033

Target Compounds

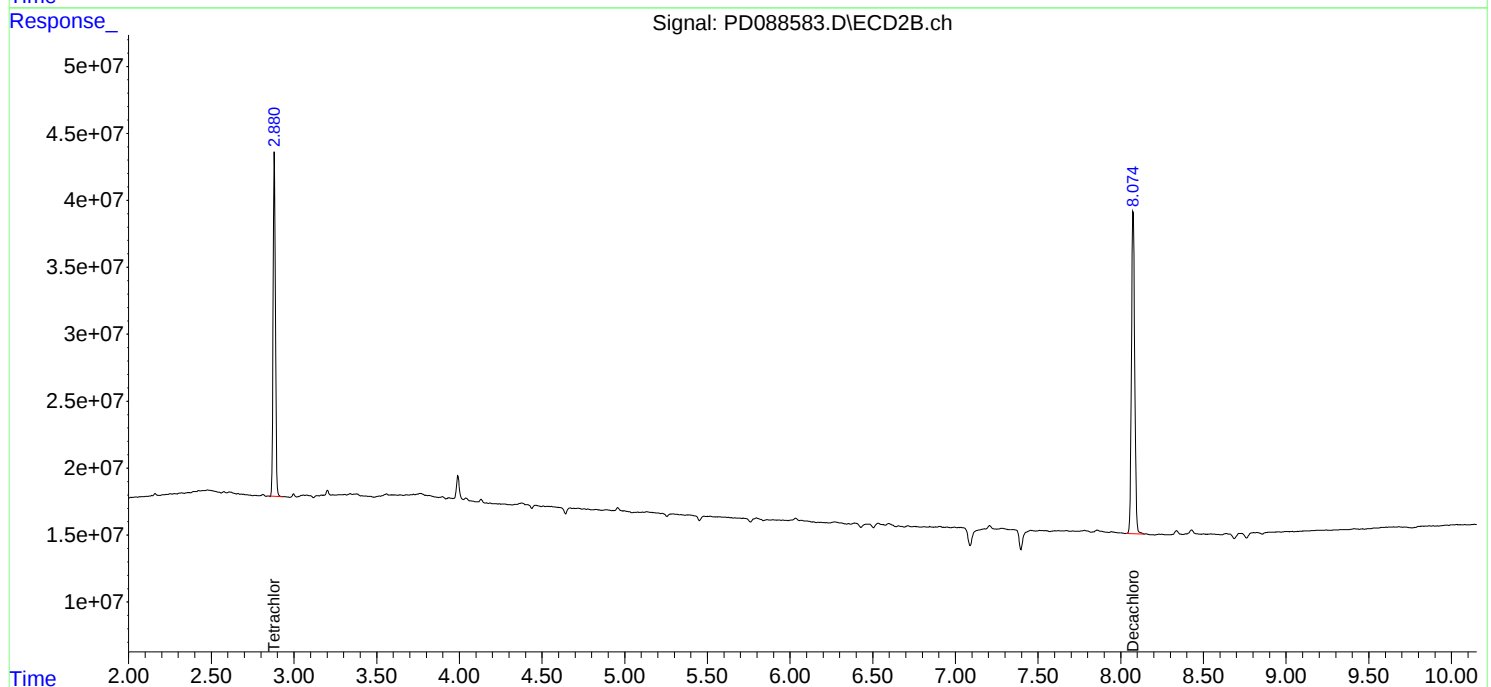
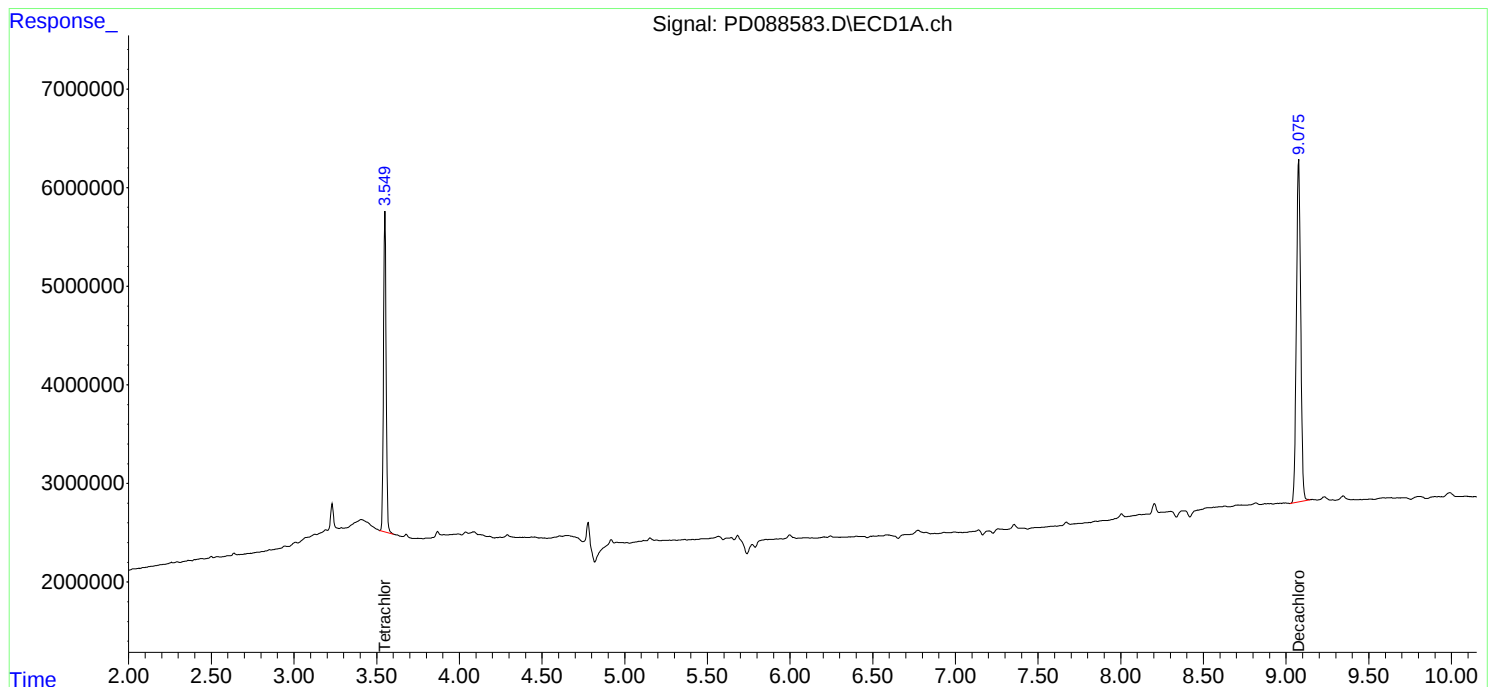
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

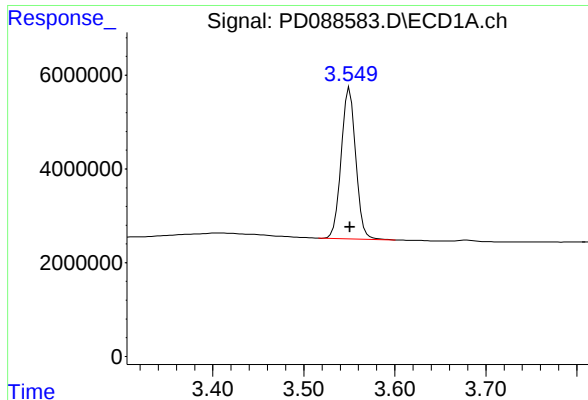
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 10:50
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 13:59:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 13:57:43 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

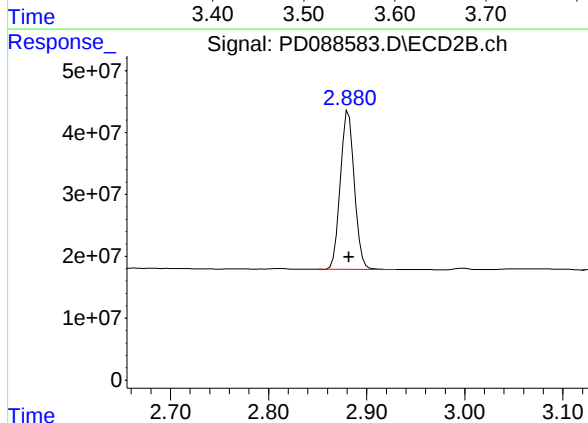




#1 Tetrachloro-m-xylene

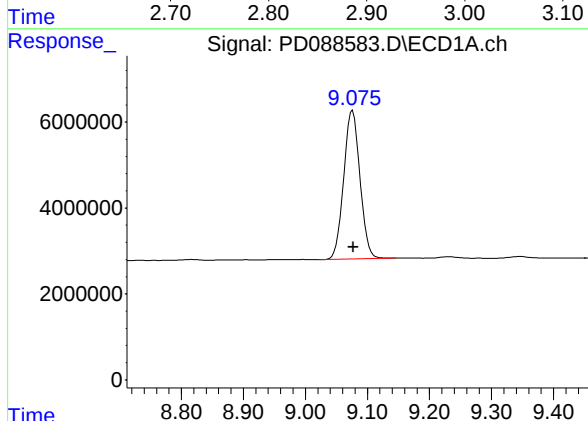
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 35746806
Conc: 16.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



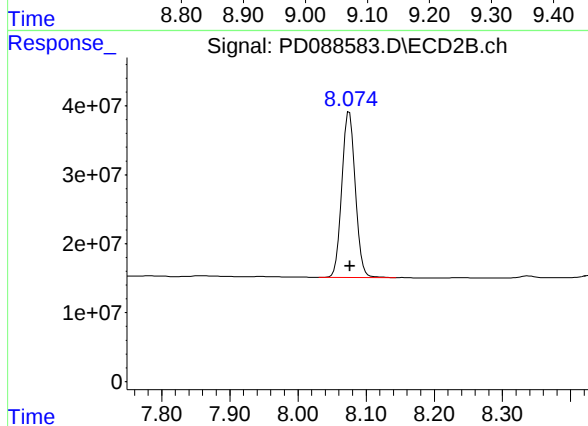
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 254929040
Conc: 16.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.001 min
Response: 63010697
Conc: 18.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 329217471
Conc: 18.03 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/09/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/09/25
Client Sample ID:	PIBLK-PD088820.D	SDG No.:	Q2236
Lab Sample ID:	I.BLK-PD088820.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088820.D	1		06/09/25	Pd060925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.1		30 (57) - 150 (171)	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.7		30 (61) - 150 (148)	119%	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_D\Data\PD060925\
 Data File : PD088820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 08:50
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 13:49:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.548	2.879	51276693	323.6E6	23.698	21.393
28) SA Decachlor...	9.074	8.072	82453439	420.0E6	24.093	23.006

Target Compounds

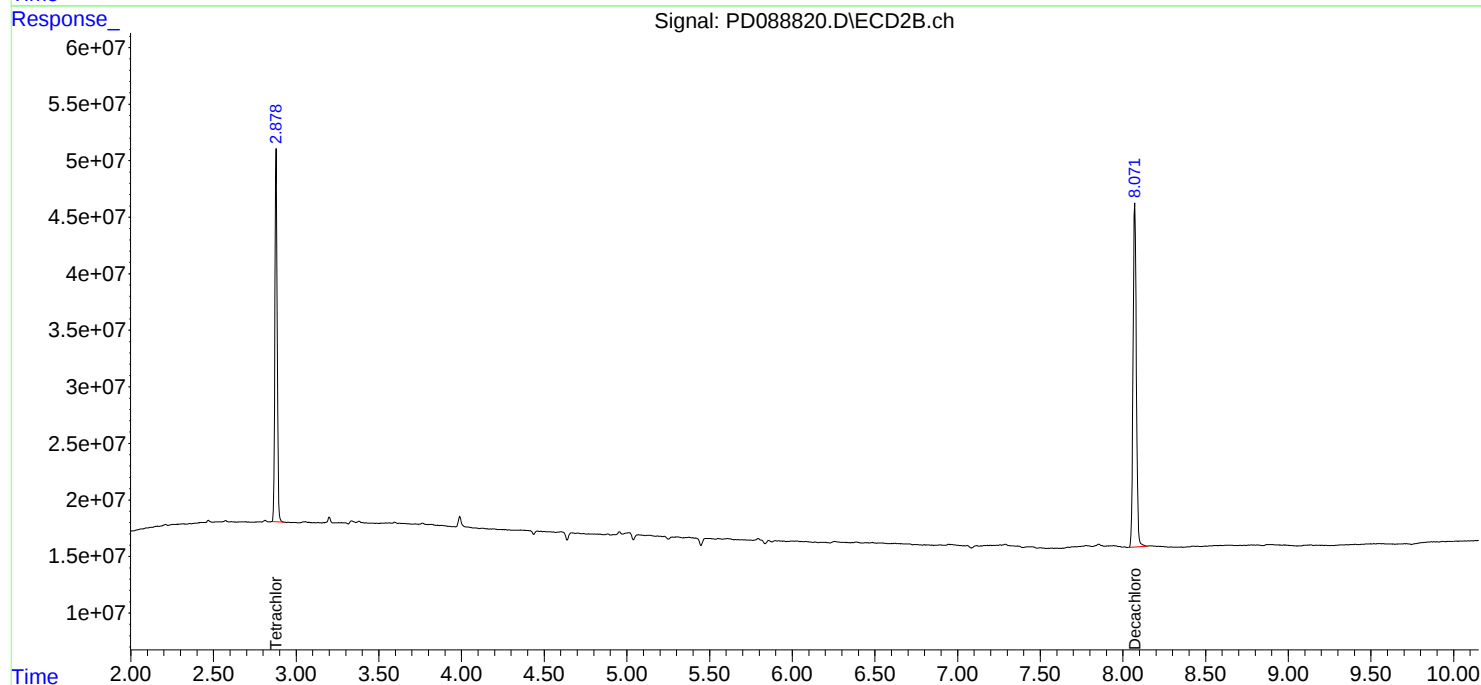
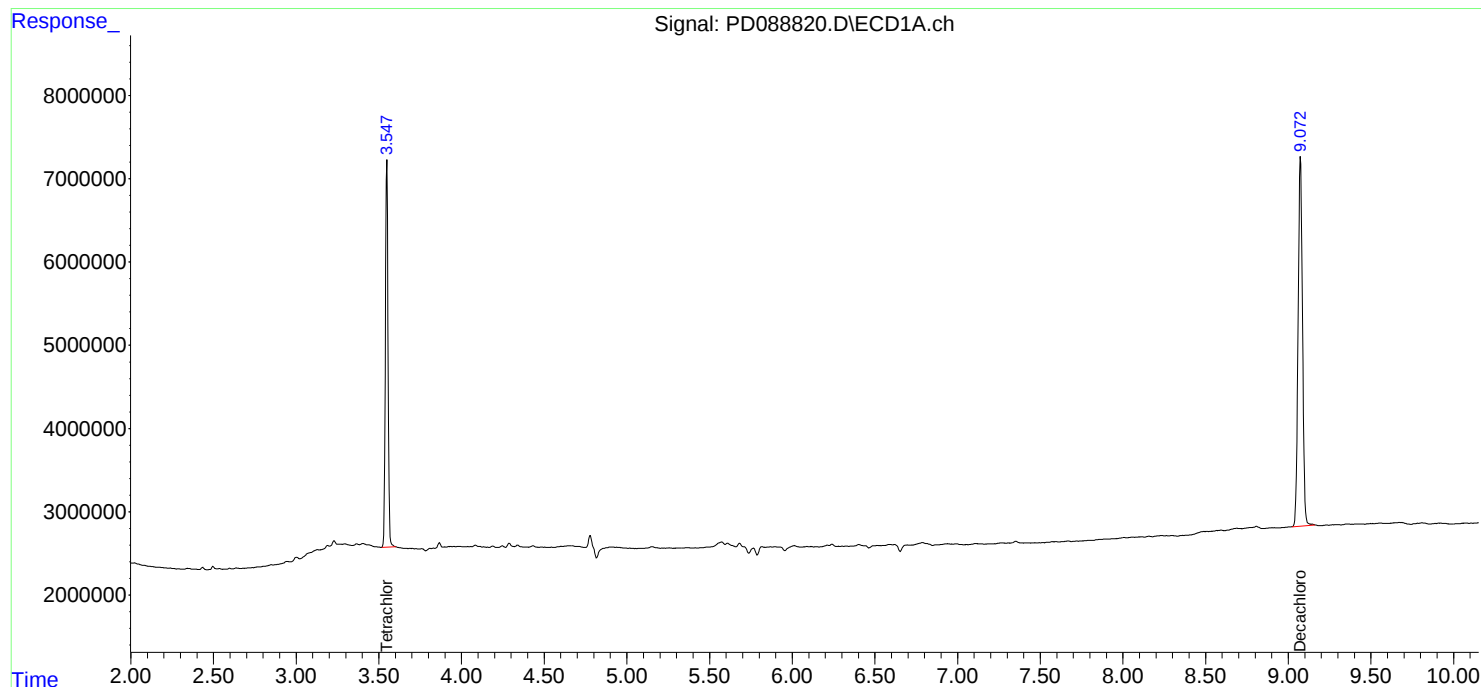
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

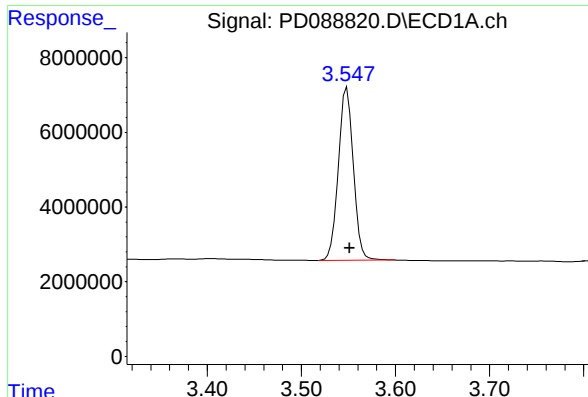
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088820.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 08:50
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 13:49:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

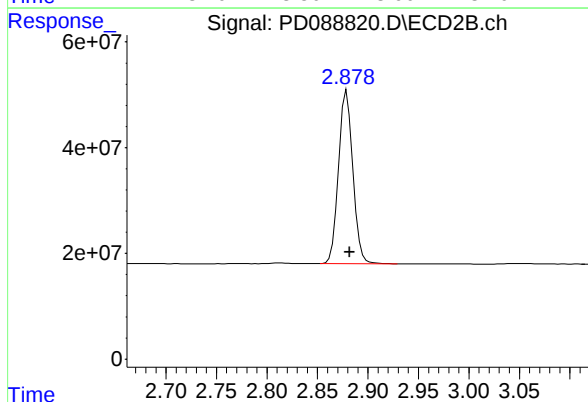




#1 Tetrachloro-m-xylene

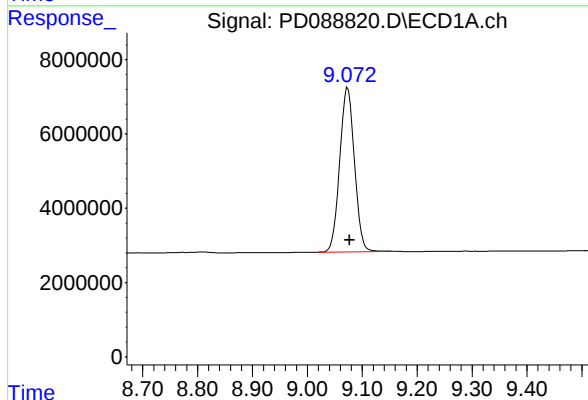
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 51276693
Conc: 23.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



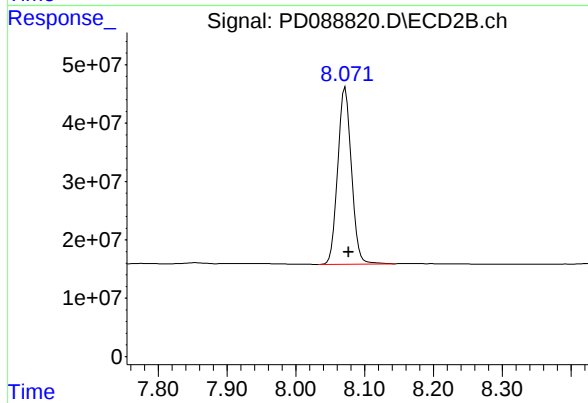
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 323608049
Conc: 21.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.004 min
Response: 82453439
Conc: 24.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.005 min
Response: 419997758
Conc: 23.01 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/09/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/09/25
Client Sample ID:	PIBLK-PD088840.D	SDG No.:	Q2236
Lab Sample ID:	I.BLK-PD088840.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088840.D	1		06/09/25	pd060925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		30 (57) - 150 (171)	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.3		30 (61) - 150 (148)	117%	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_D\Data\PD060925\
Data File : PD088840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 15:30
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 01:42:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.556	2.879	50426021	315.1E6	23.305	20.829
28) SA Decachlor...	9.083	8.075	84383360	432.6E6	24.657	23.694

Target Compounds

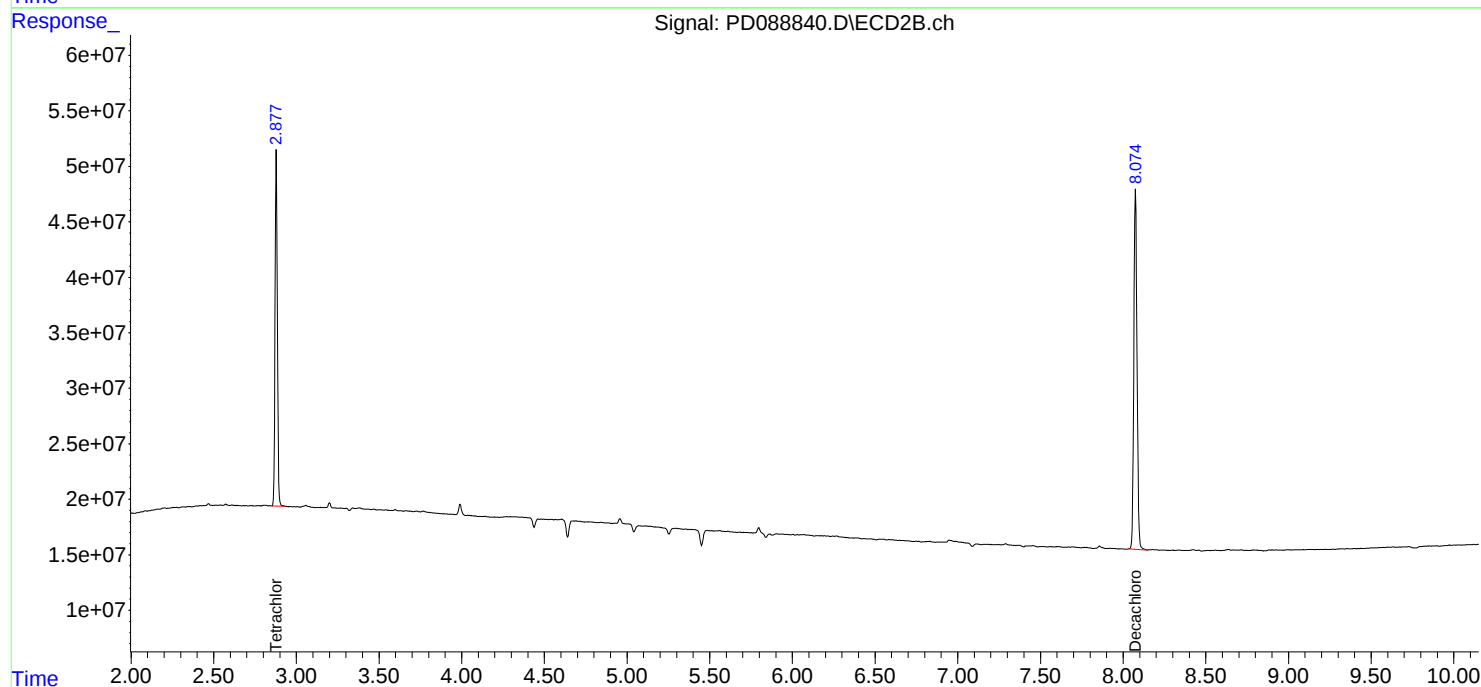
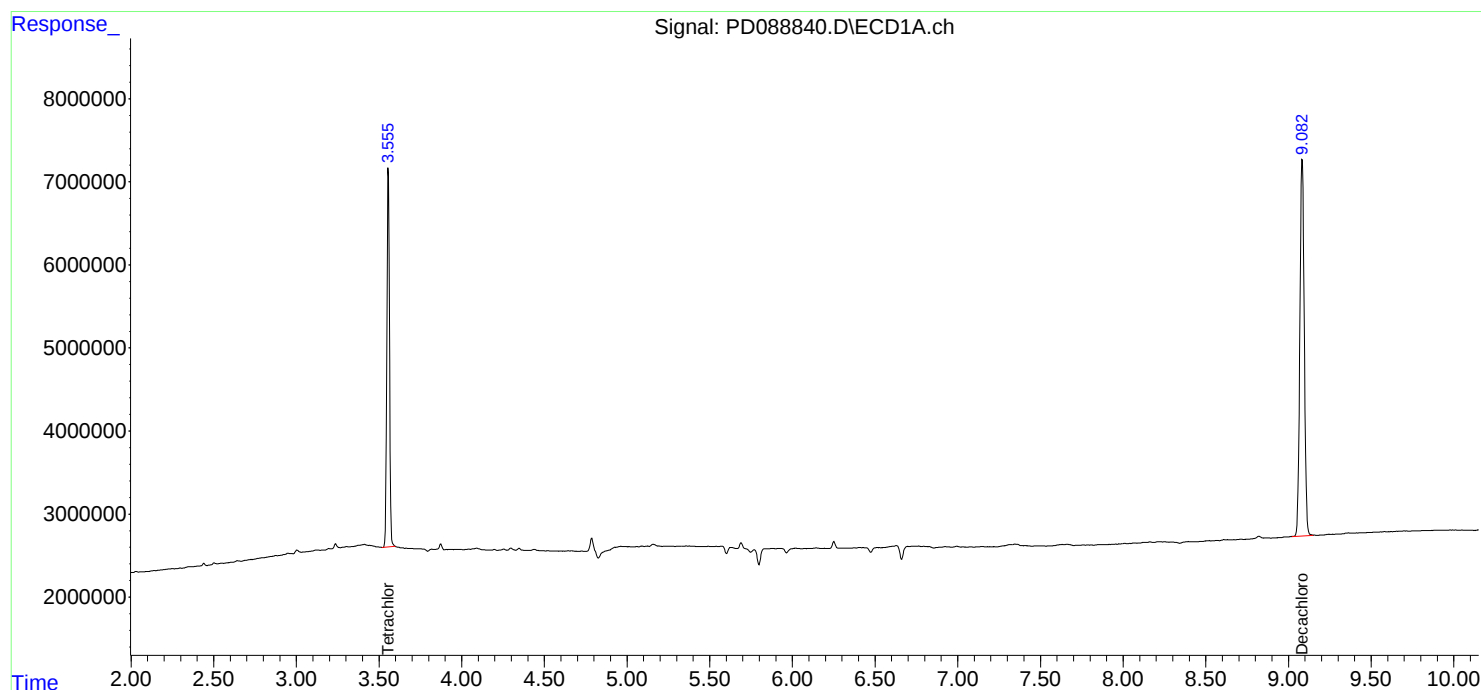
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

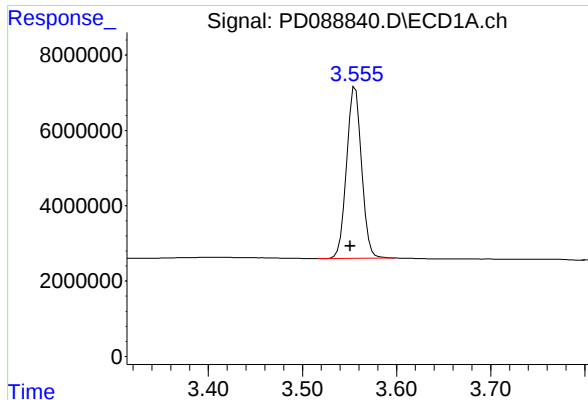
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088840.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 15:30
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 01:42:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

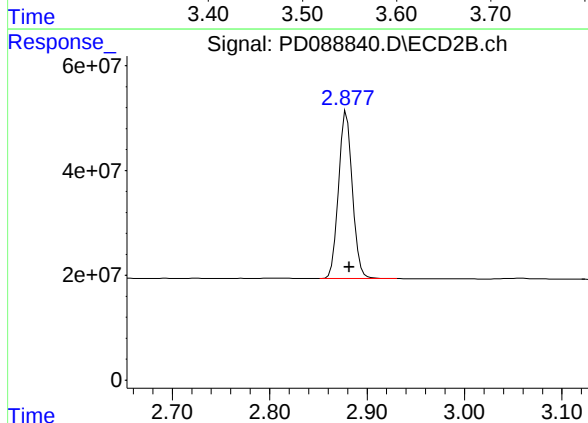




#1 Tetrachloro-m-xylene

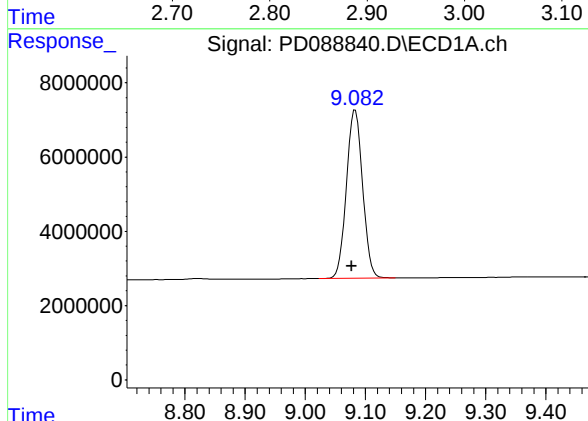
R.T.: 3.556 min
Delta R.T.: 0.005 min
Response: 50426021
Conc: 23.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



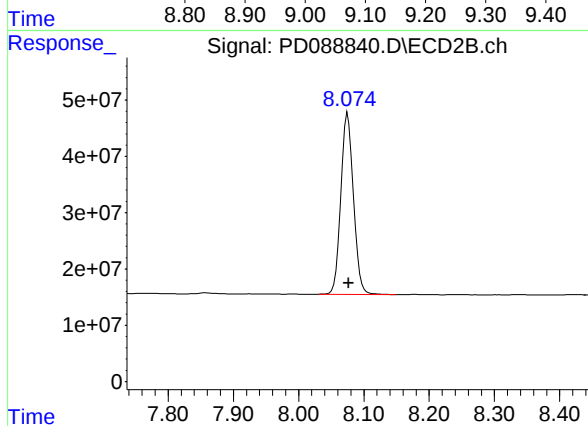
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.003 min
Response: 315078240
Conc: 20.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.006 min
Response: 84383360
Conc: 24.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 432561169
Conc: 23.69 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/10/25
Client Sample ID:	PIBLK-PD088853.D	SDG No.:	Q2236
Lab Sample ID:	I.BLK-PD088853.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088853.D	1		06/10/25	PD061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.2		30 (57) - 150 (171)	126%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.7		30 (61) - 150 (148)	123%	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_D\Data\PD061025\
Data File : PD088853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 09:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.879	53424147	340.6E6	24.691	22.514
28) SA Decachlor...	9.075	8.073	86096941	448.2E6	25.157	24.550

Target Compounds

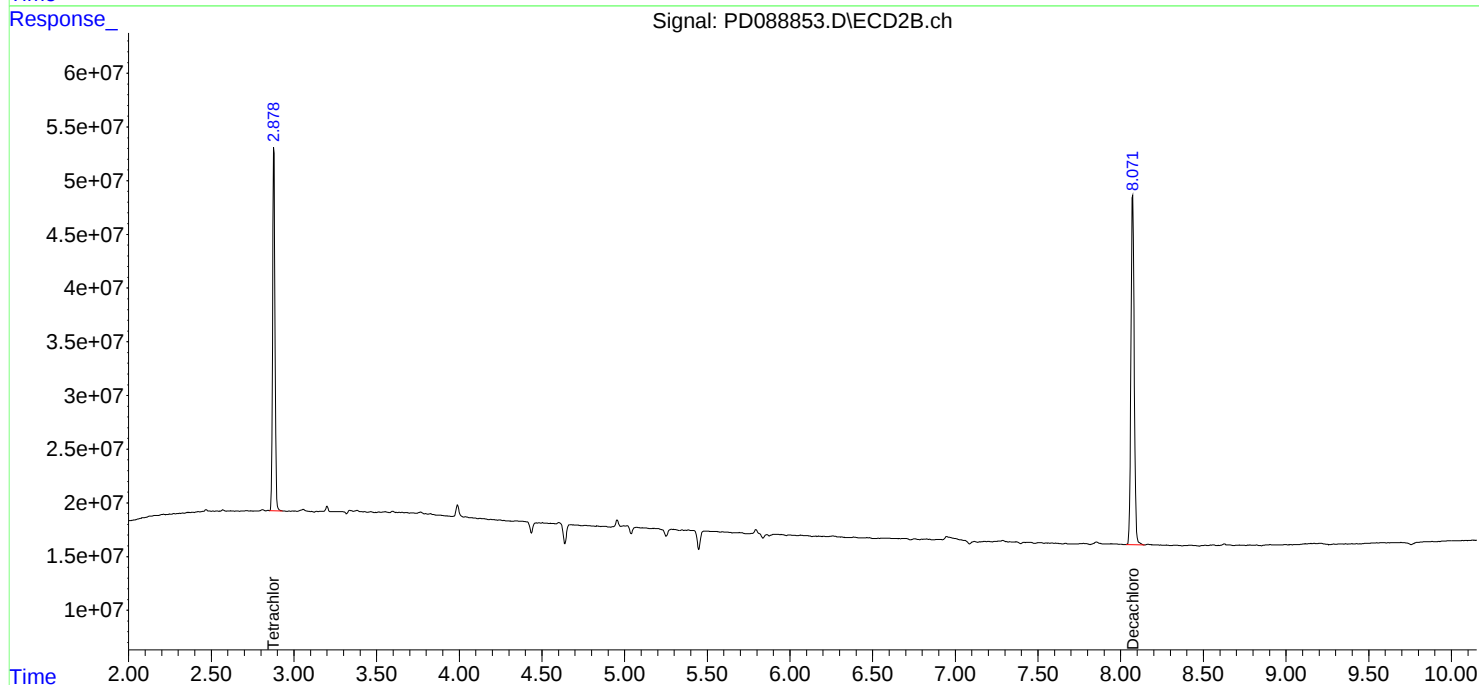
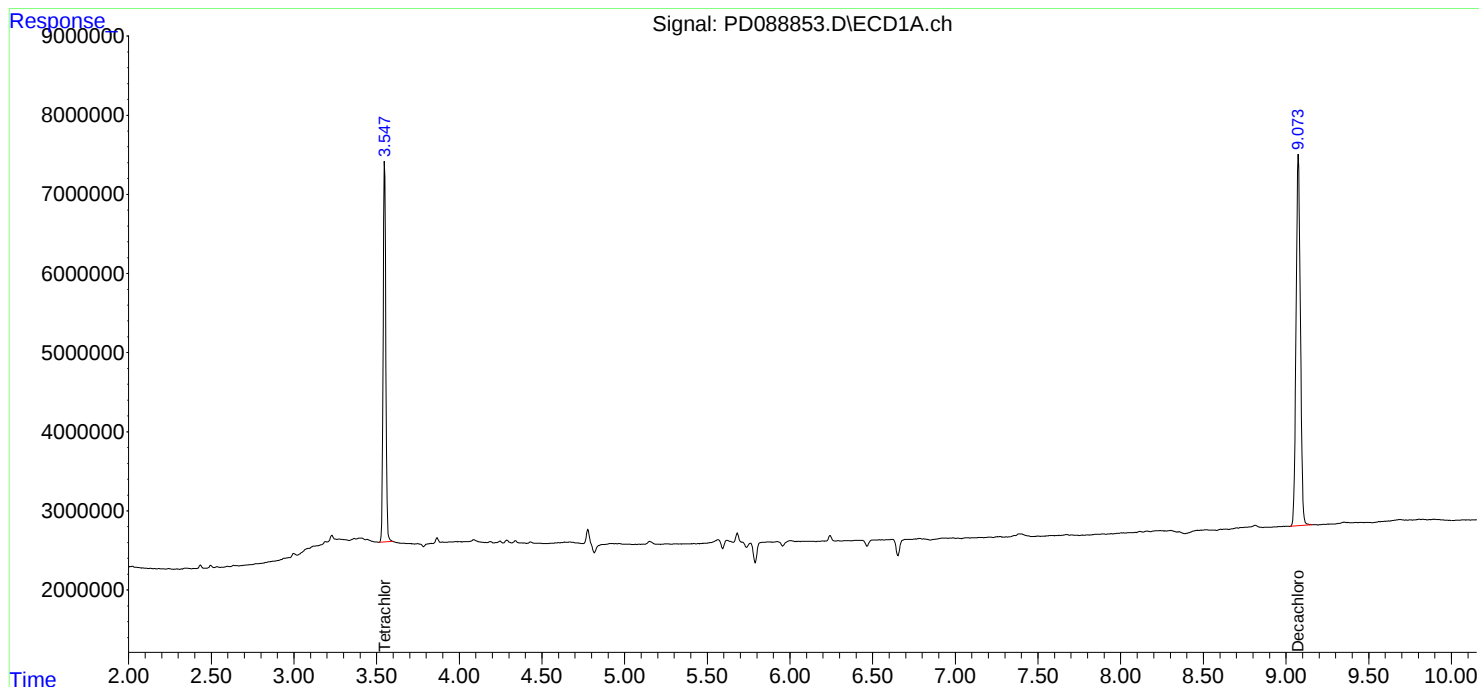
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

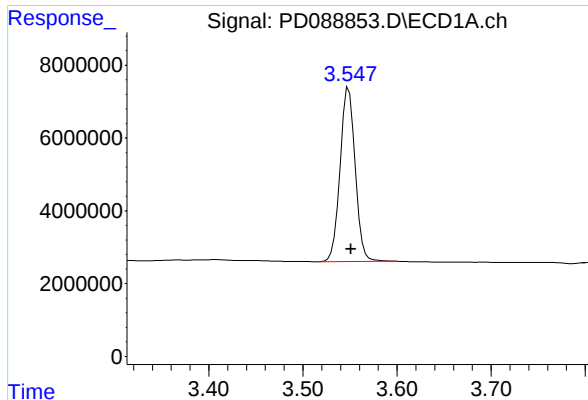
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 09:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

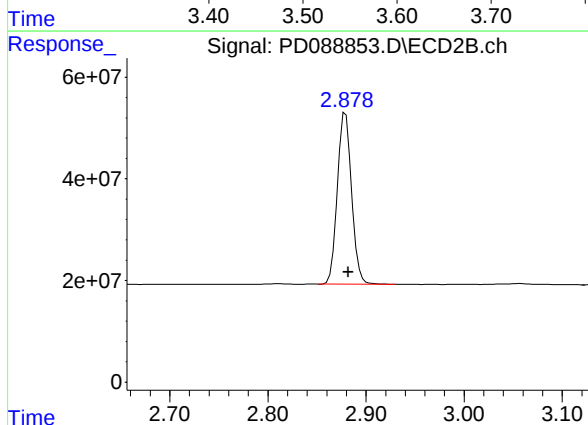




#1 Tetrachloro-m-xylene

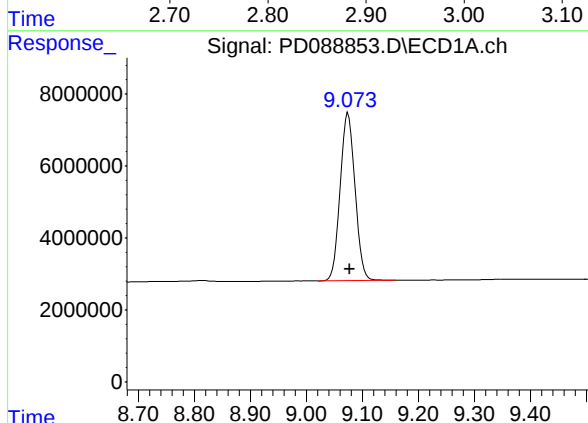
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 53424147
Conc: 24.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



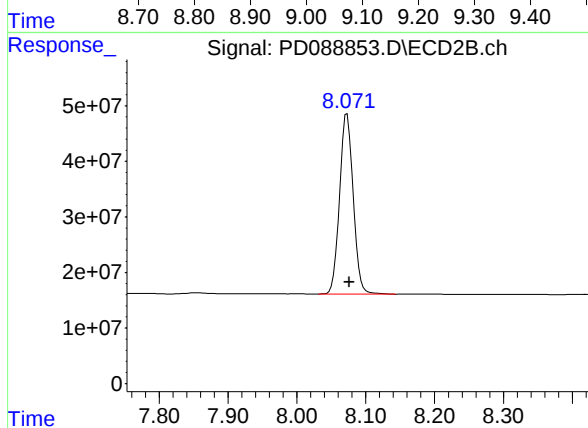
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 340560301
Conc: 22.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: -0.003 min
Response: 86096941
Conc: 25.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 448189146
Conc: 24.55 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	06/10/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/10/25
Client Sample ID:	PIBLK-PD088865.D	SDG No.:	Q2236
Lab Sample ID:	I.BLK-PD088865.D	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088865.D	1		06/10/25	PD061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0000037	U	0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.0000027	U	0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.0000096	U	0.0000096	0.000050	mg/L
72-20-8	Endrin	0.0000032	U	0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.000011	U	0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.0		30 (57) - 150 (171)	125%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.2		30 (61) - 150 (148)	121%	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_D\Data\PD061025\
Data File : PD088865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 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...	3.549	2.880	52377077	337.5E6	24.207	22.312
28) SA Decachlor...	9.072	8.072	85618036	443.5E6	25.017	24.295

Target Compounds

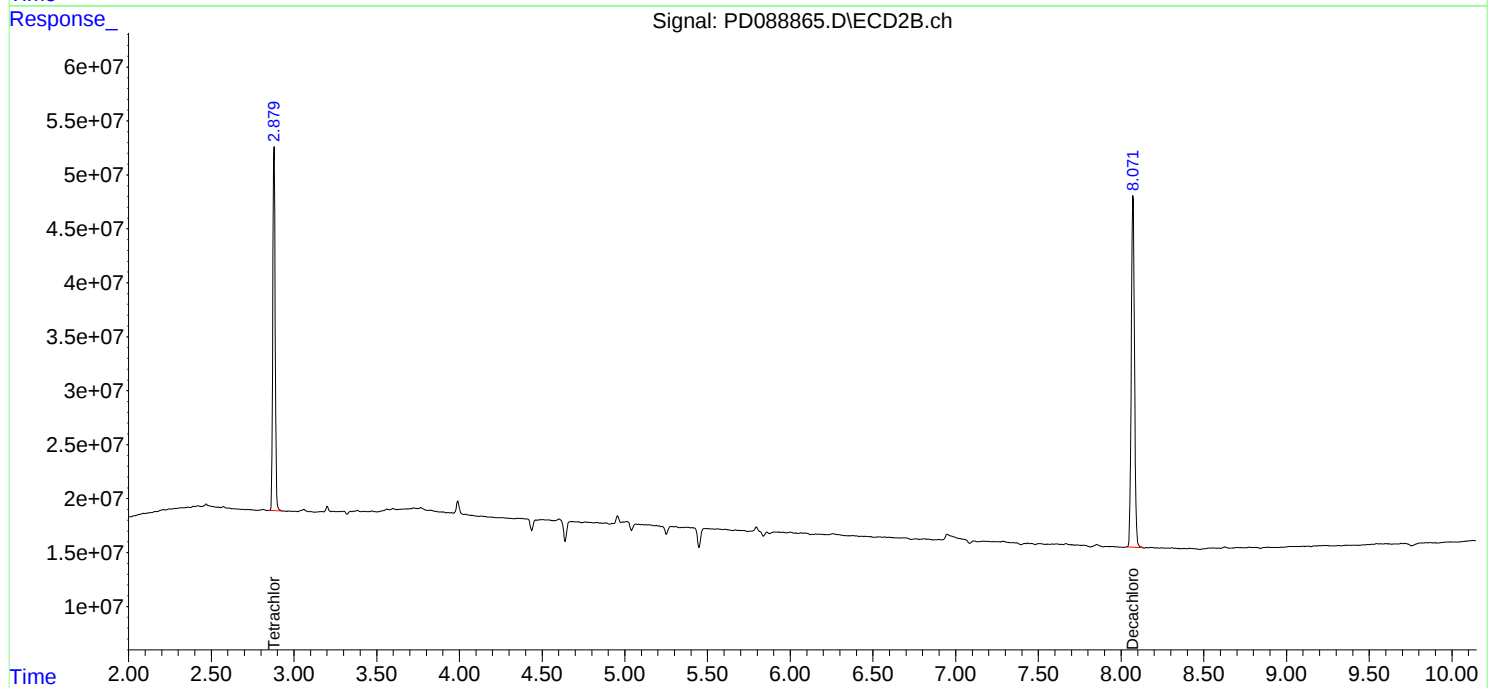
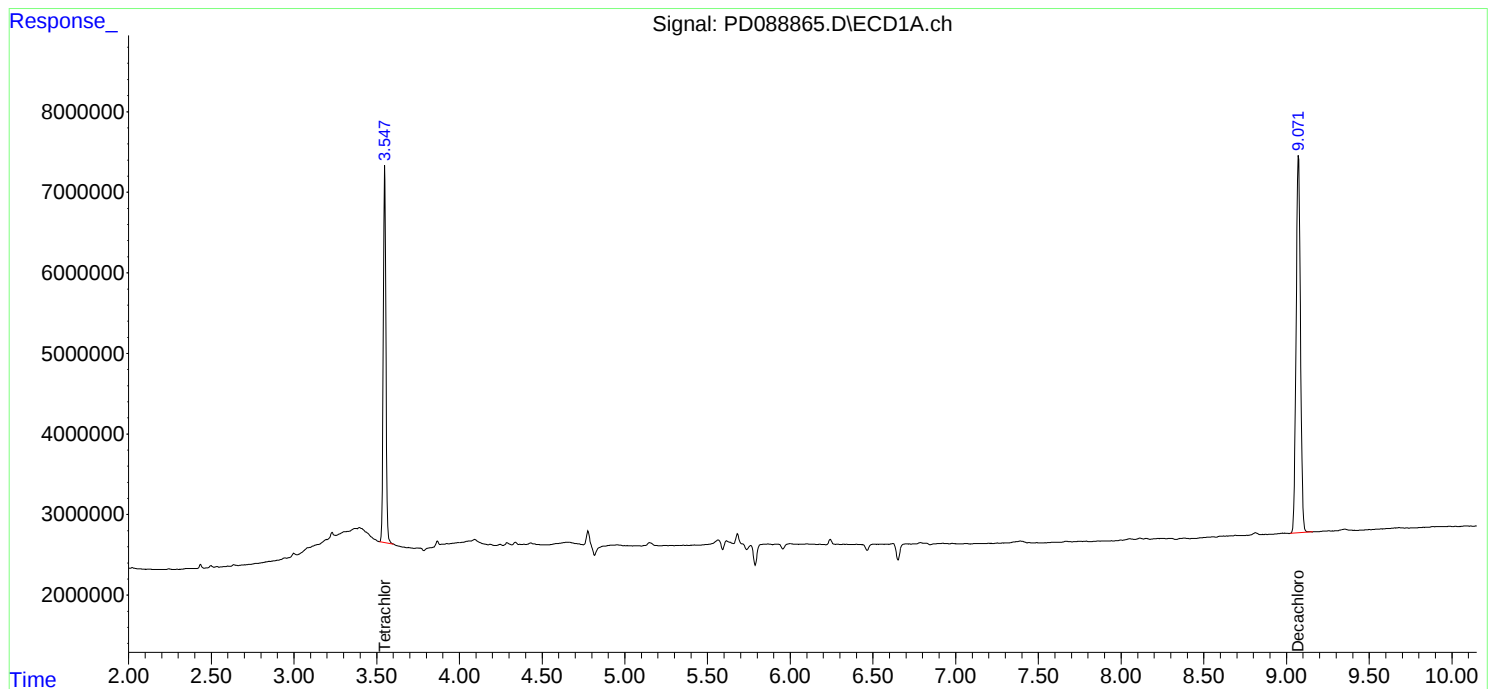
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

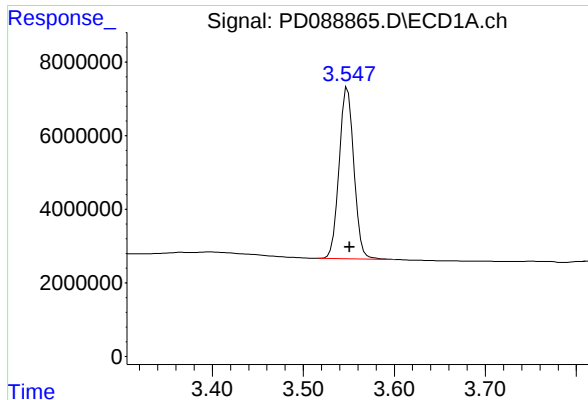
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 14:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 14:48:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

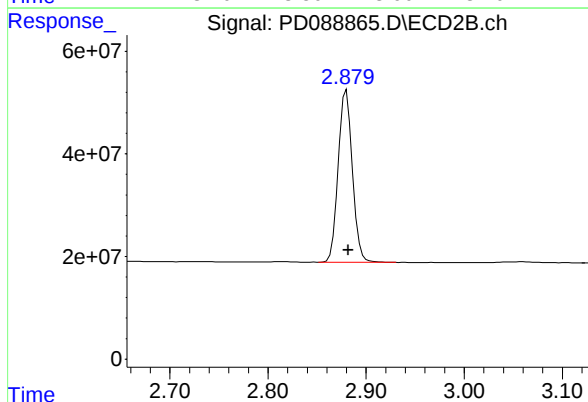




#1 Tetrachloro-m-xylene

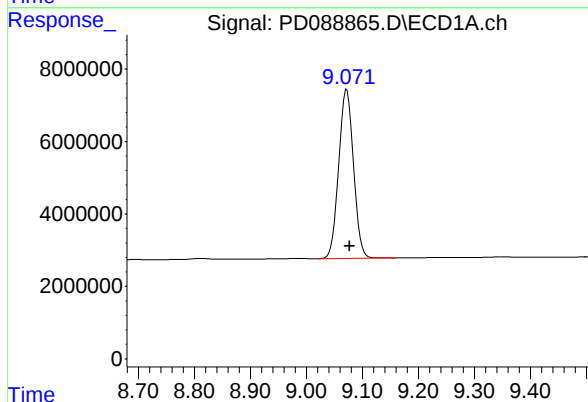
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 52377077
Conc: 24.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



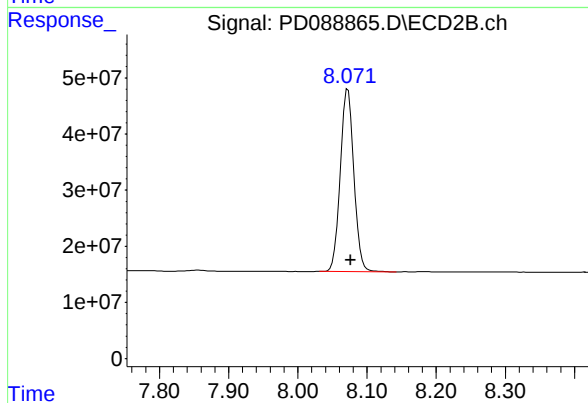
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 337515427
Conc: 22.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: -0.005 min
Response: 85618036
Conc: 25.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 443545513
Conc: 24.30 ng/ml

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB168330BS	SDG No.:	Q2236
Lab Sample ID:	PB168330BS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088833.D	1	06/06/25 12:32	06/09/25 13:28	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.00053		0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.00054		0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.00053		0.0000096	0.000050	mg/L
72-20-8	Endrin	0.00054		0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.00054		0.000011	0.000050	mg/L
8001-35-2	Toxaphene	0.00017	U	0.00017	0.0010	mg/L
57-74-9	Chlordane	0.000088	U	0.000088	0.00050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.8		30 (57) - 150 (171)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		30 (61) - 150 (148)	110%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088833.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 13:28
 Operator : AR\AJ
 Sample : PB168330BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168330BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 13:58:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.548	2.879	47548210	308.6E6	21.975	20.399
28)	SA Decachlor...	9.072	8.073	81476462	418.3E6	23.807	22.915
Target Compounds							
2)	A alpha-BHC	3.998	3.392	254.6E6	1173.2E6	53.292	49.082
3)	MA gamma-BHC...	4.329	3.729	242.3E6	1089.9E6	52.648	49.169
4)	MA Heptachlor	4.928	4.082	240.6E6	1087.7E6	53.806	48.440
5)	MB Aldrin	5.270	4.367	234.5E6	1076.8E6	53.351	49.102
6)	B beta-BHC	4.514	4.024	93563253	471.9E6	51.889	48.440
7)	B delta-BHC	4.763	4.261	239.2E6	1098.4E6	56.589	49.268
8)	B Heptachlo...	5.690	4.872	210.9E6	971.5E6	53.133	48.890
9)	A Endosulfan I	6.074	5.246	200.1E6	934.7E6	53.176	49.252
10)	B gamma-Chl...	5.945	5.125	211.6E6	1055.8E6	53.046	49.495
11)	B alpha-Chl...	6.026	5.189	213.4E6	1013.3E6	53.276	49.132
12)	B 4,4'-DDE	6.195	5.374	196.0E6	1026.4E6	54.597	49.105
13)	MA Dieldrin	6.346	5.512	214.5E6	1036.0E6	53.461	49.231
14)	MA Endrin	6.574	5.788	183.0E6	931.1E6	53.588	48.284
15)	B Endosulfa...	6.786	6.080	182.2E6	904.0E6	52.910	49.340
16)	A 4,4'-DDD	6.705	5.929	155.8E6	867.3E6	55.946	49.864
17)	MA 4,4'-DDT	7.021	6.183	169.7E6	900.5E6	54.367	49.652
18)	B Endrin al...	6.914	6.258	137.9E6	687.2E6	53.563	49.340
19)	B Endosulfa...	7.149	6.481	172.4E6	877.1E6	53.829	49.396
20)	A Methoxychlor	7.493	6.754	89476797	465.8E6	53.561	48.646
21)	B Endrin ke...	7.630	6.991	186.2E6	978.4E6	54.396	50.568
22)	Mirex	8.113	7.185	136.8E6	754.5E6	52.666	49.632

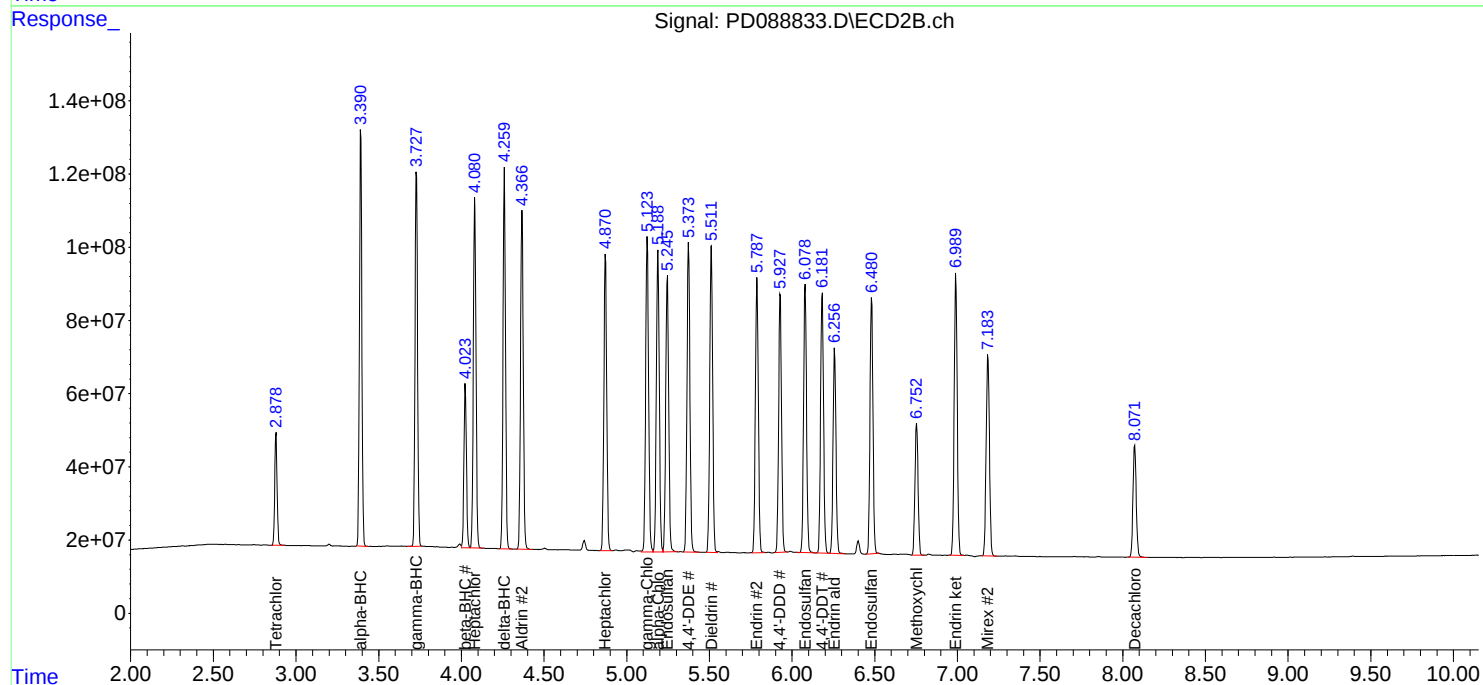
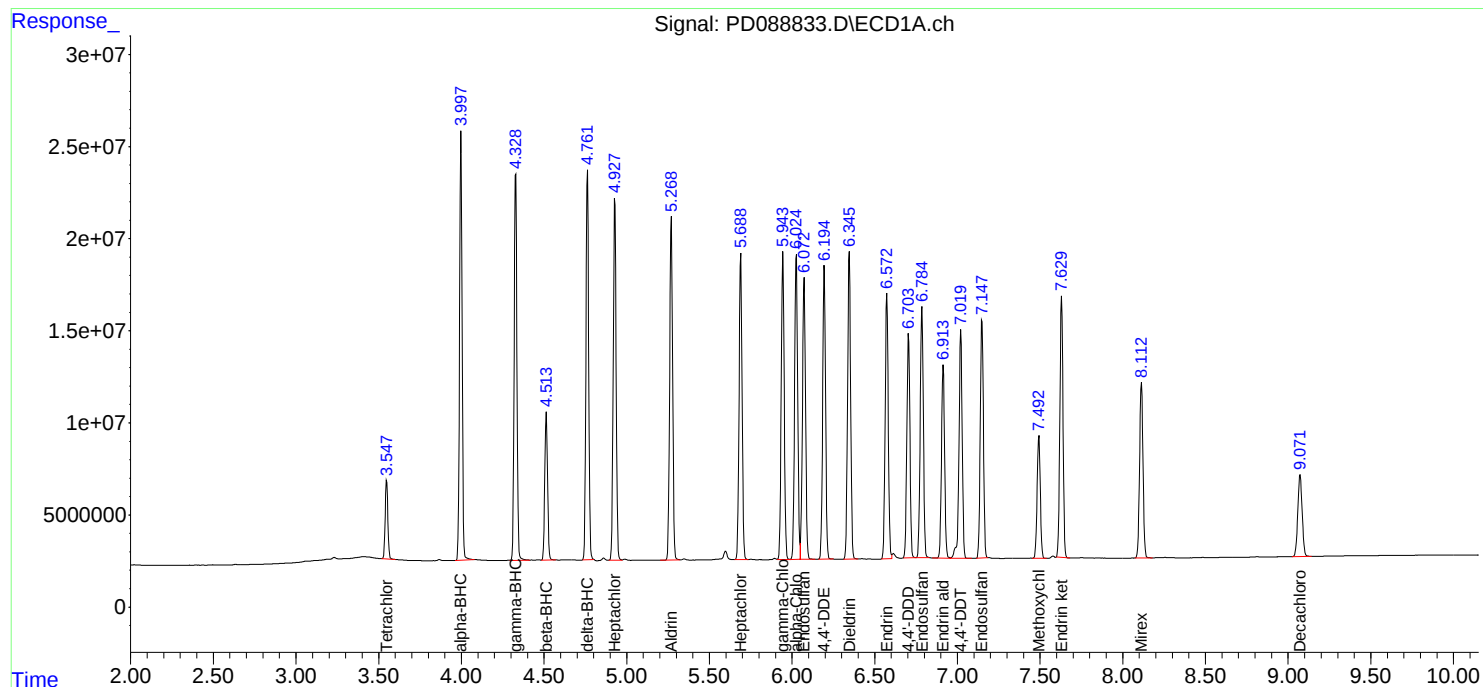
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088833.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 13:28
Operator : AR\AJ
Sample : PB168330BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB168330BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 13:58:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	ENTACT	Date Collected:	06/01/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/03/25
Client Sample ID:	B-207-SB02MS	SDG No.:	Q2236
Lab Sample ID:	Q2198-04MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088838.D	1	06/06/25 12:32	06/09/25 14:39	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0063		0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.0054		0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.0061		0.000096	0.00050	mg/L
72-20-8	Endrin	0.0063		0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.0062		0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.9		30 (57) - 150 (171)	129%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.2		30 (61) - 150 (148)	121%	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_D\Data\PD060925\
 Data File : PD088838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 14:39
 Operator : AR\AJ
 Sample : Q2198-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B-207-SB02MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/10/2025
 Supervised By : mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 15:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 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...	3.549	2.880	52420113	319.0E6	24.227	21.092
2) SA Decachlor...	9.072	8.072	88460583	452.1E6	25.848	24.764
Target Compounds						
2) A alpha-BHC	3.998	3.392	296.9E6	1281.9E6	62.152	53.627
3) MA gamma-BHC...	4.329	3.729	290.6E6	1203.5E6	63.145	54.293
4) MA Heptachlor	4.928	4.082	242.9E6	1052.9E6	54.317	46.887
5) MB Aldrin	5.270	4.368	226.1E6	1010.3E6	51.449	46.069
6) B beta-BHC	4.514	4.024	109.6E6	526.8E6	60.810	54.072
7) B delta-BHC	4.763	4.261	290.0E6	1237.4E6	68.626	55.505
8) B Heptachlo...	5.690	4.872	242.0E6	1072.3E6	60.977	53.960
9) A Endosulfan I	6.074	5.246	230.3E6	1031.0E6	61.190	54.327
10) B gamma-Chl...	5.945	5.125	241.8E6	1161.3E6	60.627	54.438
11) B alpha-Chl...	6.026	5.189	244.6E6	1118.5E6	61.057	54.231
12) B 4,4'-DDE	6.195	5.375	223.5E6	1129.4E6	62.265	54.034
13) MA Dieldrin	6.346	5.510	249.4E6	1152.0E6	62.156	54.744m
14) MA Endrin	6.574	5.787	215.1E6	1056.9E6	62.972	54.807m
15) B Endosulfa...	6.786	6.079	201.8E6	1016.9E6	58.615	55.504
16) A 4,4'-DDD	6.704	5.929	180.4E6	961.8E6	64.775	55.298
17) MA 4,4'-DDT	7.020	6.183	192.2E6	1016.7E6	61.554	56.055
18) B Endrin al...	6.914	6.258	159.8E6	776.7E6	62.079	55.765
19) B Endosulfa...	7.149	6.482	199.8E6	991.2E6	62.392	55.826
20) A Methoxychlor	7.493	6.754	103.8E6	526.8E6	62.131	55.015
21) B Endrin ke...	7.629	6.991	214.9E6	1101.0E6	62.767	56.906
22) Mirex	8.113	7.185	152.4E6	828.0E6	58.650	54.464

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
 Data File : PD088838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 14:39
 Operator : AR\AJ
 Sample : Q2198-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

B-207-SB02MS

Manual Integrations

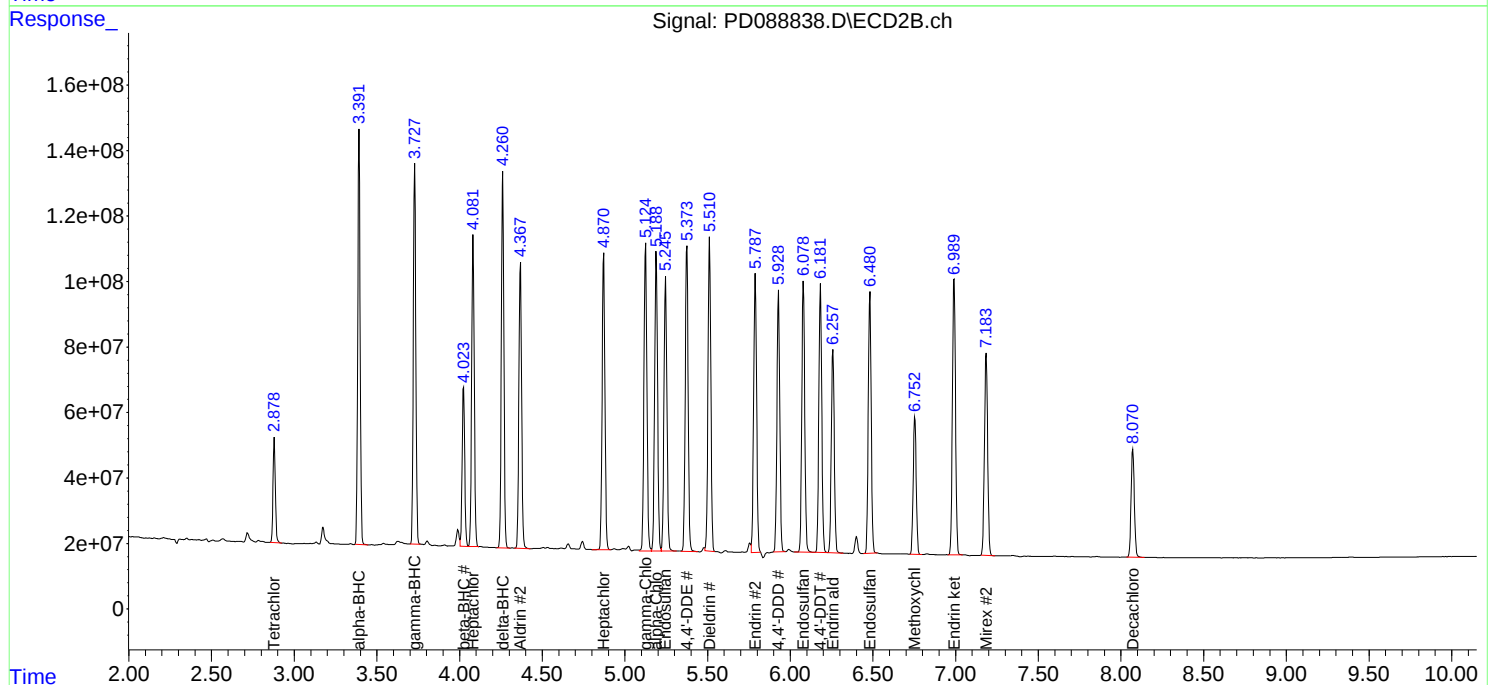
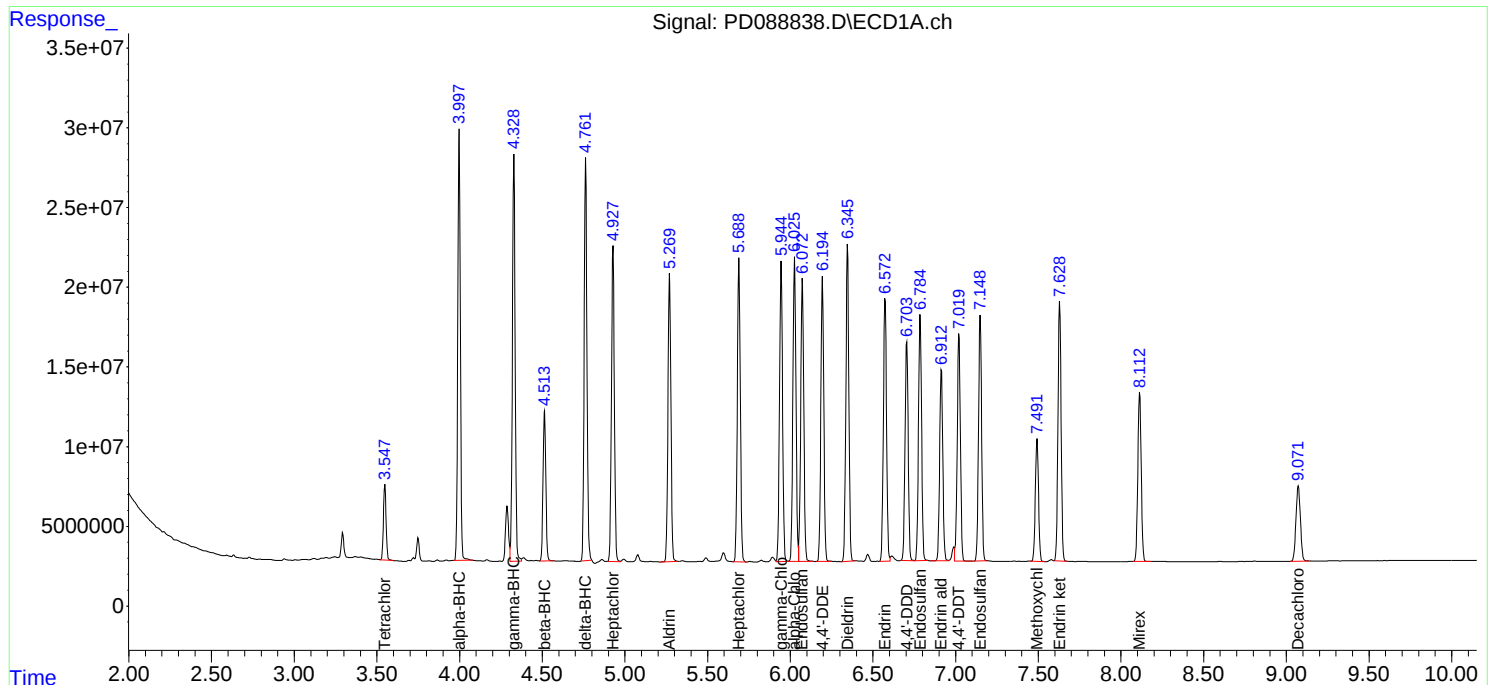
APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 15:24:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Report of Analysis

Client:	ENTACT	Date Collected:	06/01/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	06/03/25
Client Sample ID:	B-207-SB02MSD	SDG No.:	Q2236
Lab Sample ID:	Q2198-04MSD	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088839.D	1	06/06/25 12:32	06/09/25 14:53	PB168330

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0064		0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.0054		0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.0061		0.000096	0.00050	mg/L
72-20-8	Endrin	0.0063		0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.0062		0.00011	0.00050	mg/L
8001-35-2	Toxaphene	0.0017	U	0.0017	0.010	mg/L
57-74-9	Chlordane	0.00088	U	0.00088	0.0050	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	26.1		30 (57) - 150 (171)	131%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.3		30 (61) - 150 (148)	122%	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_D\Data\PD060925\
 Data File : PD088839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 14:53
 Operator : AR\AJ
 Sample : Q2198-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

B-207-SB02MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 15:24:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.548	2.880	52602910	321.6E6	24.311	21.260
28)	SA Decachlor...	9.072	8.072	89449800	454.2E6	26.137	24.879
Target Compounds							
2)	A alpha-BHC	3.998	3.392	298.2E6	1291.3E6	62.430	54.019
3)	MA gamma-BHC...	4.329	3.728	292.3E6	1211.2E6	63.504	54.643
4)	MA Heptachlor	4.928	4.082	243.6E6	1061.8E6	54.477	47.285
5)	MB Aldrin	5.270	4.368	226.9E6	1013.8E6	51.640	46.227
6)	B beta-BHC	4.514	4.024	110.2E6	532.3E6	61.134	54.644
7)	B delta-BHC	4.762	4.261	294.3E6	1242.5E6	69.650	55.732
8)	B Heptachlo...	5.690	4.872	242.7E6	1076.5E6	61.145	54.173
9)	A Endosulfan I	6.073	5.246	230.6E6	1035.9E6	61.287	54.582
10)	B gamma-Chl...	5.945	5.125	242.6E6	1166.9E6	60.811	54.701
11)	B alpha-Chl...	6.026	5.189	244.9E6	1125.4E6	61.127	54.566
12)	B 4,4'-DDE	6.195	5.374	224.1E6	1135.1E6	62.422	54.305
13)	MA Dieldrin	6.346	5.510	250.0E6	1164.1E6	62.315	55.318m
14)	MA Endrin	6.573	5.789	215.3E6	1115.1E6	63.050	57.827
15)	B Endosulfa...	6.785	6.080	202.6E6	1022.7E6	58.841	55.816
16)	A 4,4'-DDD	6.704	5.929	181.1E6	966.5E6	65.023	55.573
17)	MA 4,4'-DDT	7.021	6.183	201.5E6	1021.1E6	64.556	56.299
18)	B Endrin al...	6.914	6.258	160.8E6	781.8E6	62.458	56.130
19)	B Endosulfa...	7.149	6.481	200.9E6	996.8E6	62.714	56.141
20)	A Methoxychlor	7.492	6.754	104.2E6	530.0E6	62.391	55.352
21)	B Endrin ke...	7.629	6.991	216.2E6	1104.9E6	63.164	57.109
22)	Mirex	8.113	7.185	153.8E6	832.4E6	59.209	54.752

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060925\
Data File : PD088839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 14:53
Operator : AR\AJ
Sample : Q2198-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

B-207-SB02MSD

Manual Integrations

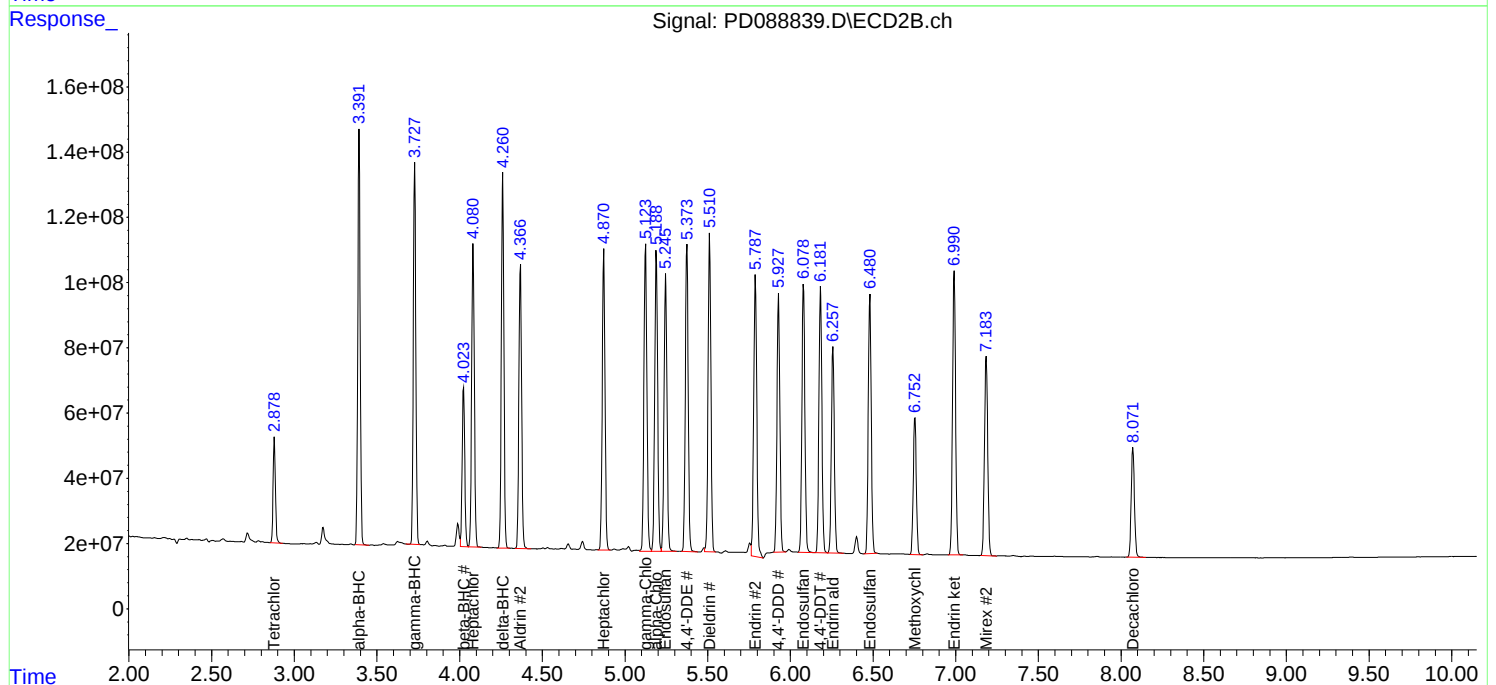
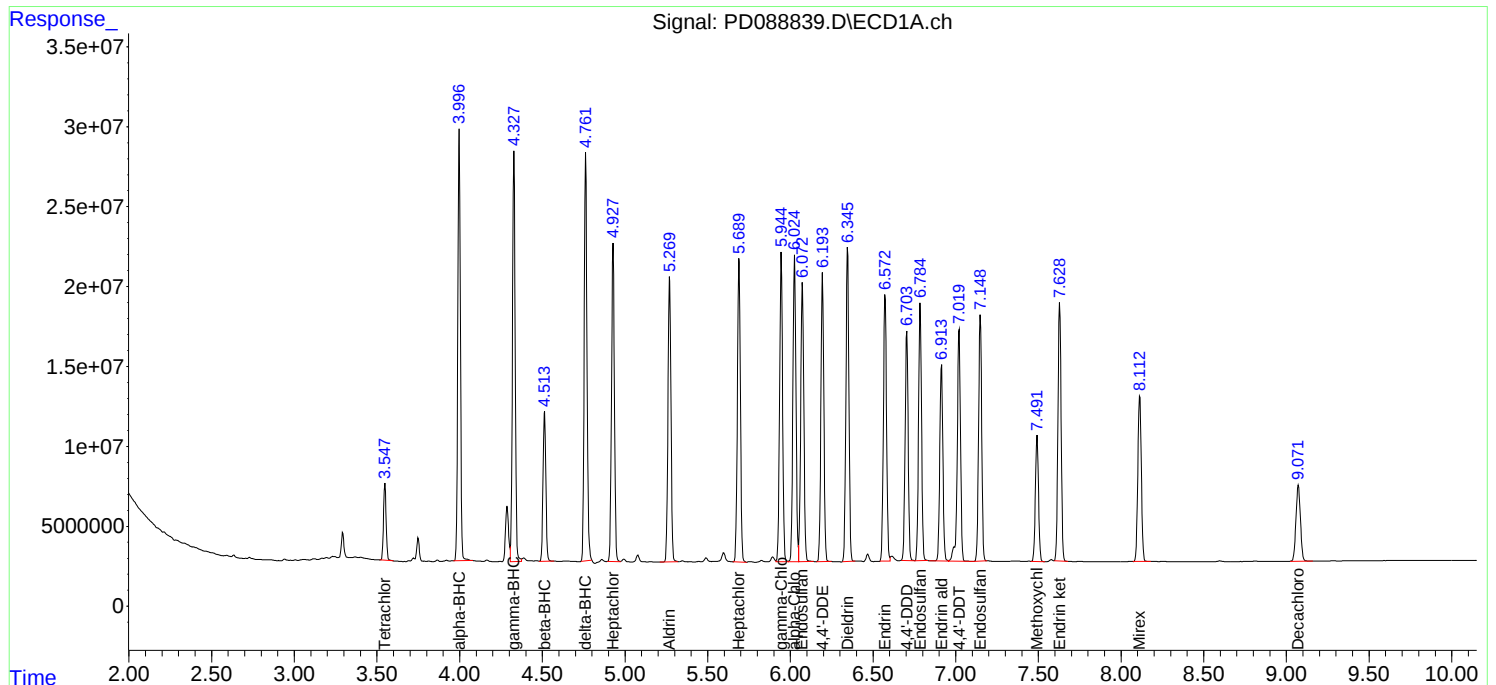
APPROVED

Reviewed By :Abdul Mirza 06/10/2025

Supervised By :mohammad ahmed 06/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 09 15:24:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PD051925	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088584.D	4,4"-DDD	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	4,4"-DDD #2	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin aldehyde	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin aldehyde #2	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin ketone	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088584.D	Endrin ketone #2	Abdul	5/20/2025 9:03:15 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PSTDICC005	PD088590.D	Heptachlor	Abdul	5/20/2025 9:03:19 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PSTDICC005	PD088590.D	Heptachlor epoxide	Abdul	5/20/2025 9:03:19 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PCHLORICV500	PD088602.D	Chlordane-1	Abdul	5/20/2025 9:03:30 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	4,4"-DDD	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	4,4"-DDD #2	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	Endrin aldehyde #2	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PEM	PD088605.D	Endrin ketone	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software

Manual Integration Report

Sequence:

PD051925

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088605.D	Endrin ketone #2	Abdul	5/20/2025 9:03:34 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
I.BLK	PD088613.D	Decachlorobiphenyl	Abdul	5/20/2025 9:03:54 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software
PSTDCCC050	PD088614.D	4,4"-DDE #2	Abdul	5/20/2025 9:03:58 AM	mohammad	5/21/2025 5:34:48	Peak Integrated by Software

Manual Integration Report

Sequence:	Pd060925	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088821.D	Endrin aldehyde	Abdul	6/10/2025 8:34:47 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
PEM	PD088821.D	Endrin ketone	Abdul	6/10/2025 8:34:47 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
PSTDCCC050	PD088822.D	4,4"-DDE #2	Abdul	6/10/2025 8:34:53 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
PSTDCCC050	PD088822.D	Endosulfan II #2	Abdul	6/10/2025 8:34:53 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
Q2198-04MS	PD088838.D	Dieldrin #2	Abdul	6/10/2025 8:34:57 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
Q2198-04MS	PD088838.D	Endrin #2	Abdul	6/10/2025 8:34:57 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
Q2198-04MSD	PD088839.D	Dieldrin #2	Abdul	6/10/2025 8:35:01 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
PSTDCCC050	PD088841.D	4,4"-DDE #2	Abdul	6/10/2025 8:35:05 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
PSTDCCC050	PD088841.D	Aldrin #2	Abdul	6/10/2025 8:35:05 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
PSTDCCC050	PD088851.D	4,4"-DDE #2	Abdul	6/10/2025 8:35:31 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software
PSTDCCC050	PD088851.D	Aldrin #2	Abdul	6/10/2025 8:35:31 AM	mohammad	6/11/2025 2:16:06	Peak Integrated by Software

Manual Integration Report

Sequence:

PD061025

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD088854.D	Endrin aldehyde	Abdul	6/11/2025 7:47:23 AM	mohammad	6/13/2025 1:37:42	Peak Integrated by Software
PEM	PD088854.D	Endrin ketone	Abdul	6/11/2025 7:47:23 AM	mohammad	6/13/2025 1:37:42	Peak Integrated by Software
PSTDCCC050	PD088866.D	4,4"-DDE #2	Abdul	6/11/2025 7:47:30 AM	mohammad	6/13/2025 1:37:42	Peak Integrated by Software
PEM	PD088879.D	Endrin aldehyde	Abdul	6/11/2025 10:49:51 AM	mohammad	6/13/2025 1:37:42	Peak Integrated by Software
PEM	PD088879.D	Endrin aldehyde #2	Abdul	6/11/2025 10:49:51 AM	mohammad	6/13/2025 1:37:42	Peak Integrated by Software
PEM	PD088879.D	Endrin ketone	Abdul	6/11/2025 10:49:51 AM	mohammad	6/13/2025 1:37:42	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD088582.D	19 May 2025 10:36	AR\AJ	Ok
2	I.BLK	PD088583.D	19 May 2025 10:50	AR\AJ	Ok
3	PEM	PD088584.D	19 May 2025 11:04	AR\AJ	Ok,M
4	RESCHK	PD088585.D	19 May 2025 11:17	AR\AJ	Ok
5	PSTDICC100	PD088586.D	19 May 2025 11:31	AR\AJ	Ok
6	PSTDICC075	PD088587.D	19 May 2025 11:45	AR\AJ	Ok
7	PSTDICC050	PD088588.D	19 May 2025 11:58	AR\AJ	Ok
8	PSTDICC025	PD088589.D	19 May 2025 12:12	AR\AJ	Ok
9	PSTDICC005	PD088590.D	19 May 2025 12:25	AR\AJ	Ok,M
10	PCHLORICC1000	PD088591.D	19 May 2025 12:39	AR\AJ	Ok
11	PCHLORICC750	PD088592.D	19 May 2025 12:52	AR\AJ	Ok
12	PCHLORICC500	PD088593.D	19 May 2025 13:06	AR\AJ	Ok
13	PCHLORICC250	PD088594.D	19 May 2025 13:19	AR\AJ	Ok
14	PCHLORICC050	PD088595.D	19 May 2025 13:33	AR\AJ	Ok
15	PTOXICC1000	PD088596.D	19 May 2025 13:47	AR\AJ	Ok
16	PTOXICC750	PD088597.D	19 May 2025 14:00	AR\AJ	Ok
17	PTOXICC500	PD088598.D	19 May 2025 14:14	AR\AJ	Ok
18	PTOXICC250	PD088599.D	19 May 2025 14:27	AR\AJ	Ok,M
19	PTOXICC100	PD088600.D	19 May 2025 14:41	AR\AJ	Ok
20	PSTDICV050	PD088601.D	19 May 2025 14:55	AR\AJ	Ok
21	PCHLORICV500	PD088602.D	19 May 2025 15:08	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PD088603.D	19 May 2025 15:22	AR\AJ	Ok
23	I.BLK	PD088604.D	19 May 2025 15:35	AR\AJ	Ok
24	PEM	PD088605.D	19 May 2025 15:49	AR\AJ	Ok,M
25	PSTDCCC050	PD088606.D	19 May 2025 16:02	AR\AJ	Ok
26	PTOXCCC500	PD088607.D	19 May 2025 16:16	AR\AJ	Ok
27	PB167959BS	PD088608.D	19 May 2025 16:32	AR\AJ	Ok
28	Q1984-09RE	PD088609.D	19 May 2025 16:50	AR\AJ	Confirms
29	Q1984-11RE	PD088610.D	19 May 2025 17:04	AR\AJ	Confirms
30	Q1984-13RE	PD088611.D	19 May 2025 17:18	AR\AJ	Confirms
31	Q1984-15RE	PD088612.D	19 May 2025 17:31	AR\AJ	Confirms
32	I.BLK	PD088613.D	19 May 2025 17:45	AR\AJ	Ok,M
33	PSTDCCC050	PD088614.D	19 May 2025 18:45	AR\AJ	Ok,M
34	PTOXCCC500	PD088615.D	19 May 2025 19:32	AR\AJ	Ok
35	PB168066BL	PD088616.D	19 May 2025 20:26	AR\AJ	Ok
36	PB168066BS	PD088617.D	19 May 2025 20:40	AR\AJ	Not Ok
37	PB167994TB	PD088618.D	19 May 2025 20:54	AR\AJ	Ok
38	Q2014-05	PD088619.D	19 May 2025 21:08	AR\AJ	Not Ok
39	Q2027-03	PD088620.D	19 May 2025 21:21	AR\AJ	Ok,M
40	Q2027-03MS	PD088621.D	19 May 2025 21:35	AR\AJ	Ok,M
41	Q2027-03MSD	PD088622.D	19 May 2025 21:49	AR\AJ	Ok,M
42	Q2027-04	PD088623.D	19 May 2025 22:02	AR\AJ	Ok
43	Q2032-09	PD088624.D	19 May 2025 22:16	AR\AJ	Ok
44	I.BLK	PD088625.D	19 May 2025 22:30	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	PSTDCCC050	PD088626.D	19 May 2025 22:43	AR\AJ	Ok
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M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD060925

Review By	Abdul	Review On	6/10/2025 8:35:58 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:06 AM
SubDirectory	PD060925	HP Acquire Method	HP Processing Method pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD088819.D	09 Jun 2025 08:36	AR\AJ	Ok
2	I.BLK	PD088820.D	09 Jun 2025 08:50	AR\AJ	Ok
3	PEM	PD088821.D	09 Jun 2025 10:30	AR\AJ	Ok,M
4	PSTDCCC050	PD088822.D	09 Jun 2025 10:44	AR\AJ	Ok,M
5	Q2207-09	PD088823.D	09 Jun 2025 11:04	AR\AJ	Ok
6	Q2207-18	PD088824.D	09 Jun 2025 11:18	AR\AJ	Ok
7	Q2207-27	PD088825.D	09 Jun 2025 11:31	AR\AJ	Ok
8	Q2207-36	PD088826.D	09 Jun 2025 11:45	AR\AJ	Ok
9	Q2207-45	PD088827.D	09 Jun 2025 11:59	AR\AJ	Ok
10	Q2208-09	PD088828.D	09 Jun 2025 12:12	AR\AJ	Ok
11	Q2208-18	PD088829.D	09 Jun 2025 12:26	AR\AJ	Ok
12	Q2208-27	PD088830.D	09 Jun 2025 12:40	AR\AJ	Ok
13	Q2208-36	PD088831.D	09 Jun 2025 12:53	AR\AJ	Ok
14	PB168330BL	PD088832.D	09 Jun 2025 13:14	AR\AJ	Ok
15	PB168330BS	PD088833.D	09 Jun 2025 13:28	AR\AJ	Ok
16	PB168271TB	PD088834.D	09 Jun 2025 13:44	AR\AJ	Ok
17	PB168311TB	PD088835.D	09 Jun 2025 13:58	AR\AJ	Ok
18	Q2198-02	PD088836.D	09 Jun 2025 14:11	AR\AJ	Ok
19	Q2198-04	PD088837.D	09 Jun 2025 14:25	AR\AJ	Ok
20	Q2198-04MS	PD088838.D	09 Jun 2025 14:39	AR\AJ	Ok,M
21	Q2198-04MSD	PD088839.D	09 Jun 2025 14:53	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD060925

Review By	Abdul	Review On	6/10/2025 8:35:58 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:06 AM
SubDirectory	PD060925	HP Acquire Method	HP Processing Method pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	I.BLK	PD088840.D	09 Jun 2025 15:30	AR\AJ	Ok
23	PSTDCCC050	PD088841.D	09 Jun 2025 15:44	AR\AJ	Ok,M
24	PB168363BL	PD088842.D	09 Jun 2025 16:20	AR\AJ	Ok
25	PB168363BS	PD088843.D	09 Jun 2025 16:34	AR\AJ	Ok
26	PB168333TB	PD088844.D	09 Jun 2025 16:47	AR\AJ	Ok
27	Q2137-05	PD088845.D	09 Jun 2025 17:01	AR\AJ	Ok,M
28	Q2137-05MS	PD088846.D	09 Jun 2025 17:15	AR\AJ	Ok,M
29	Q2137-05MSD	PD088847.D	09 Jun 2025 17:28	AR\AJ	Ok,M
30	Q2262-02	PD088848.D	09 Jun 2025 17:42	AR\AJ	Ok
31	Q2262-04	PD088849.D	09 Jun 2025 17:56	AR\AJ	Ok
32	I.BLK	PD088850.D	09 Jun 2025 18:09	AR\AJ	Ok
33	PSTDCCC050	PD088851.D	09 Jun 2025 18:23	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD061025

Review By	Abdul	Review On	6/11/2025 7:48:01 AM
Supervise By	mohammad	Supervise On	6/13/2025 1:37:42 AM
SubDirectory	PD061025	HP Acquire Method	HP Processing Method pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD088852.D	10 Jun 2025 08:53	AR\AJ	Ok
2	I.BLK	PD088853.D	10 Jun 2025 09:06	AR\AJ	Ok
3	PEM	PD088854.D	10 Jun 2025 09:20	AR\AJ	Ok,M
4	PSTDCCC050	PD088855.D	10 Jun 2025 10:38	AR\AJ	Ok
5	PB168350BL	PD088856.D	10 Jun 2025 12:14	AR\AJ	Ok
6	PB168350BS	PD088857.D	10 Jun 2025 12:28	AR\AJ	Ok
7	Q2248-01	PD088858.D	10 Jun 2025 12:44	AR\AJ	Ok,M
8	Q2235-03	PD088859.D	10 Jun 2025 13:10	AR\AJ	Ok
9	Q2236-03	PD088860.D	10 Jun 2025 13:27	AR\AJ	Ok
10	Q2236-07	PD088861.D	10 Jun 2025 13:41	AR\AJ	Ok
11	Q2236-11	PD088862.D	10 Jun 2025 13:54	AR\AJ	Ok
12	Q2236-15	PD088863.D	10 Jun 2025 14:08	AR\AJ	Ok
13	Q2236-19	PD088864.D	10 Jun 2025 14:22	AR\AJ	Ok
14	I.BLK	PD088865.D	10 Jun 2025 14:35	AR\AJ	Ok
15	PSTDCCC050	PD088866.D	10 Jun 2025 14:49	AR\AJ	Ok,M
16	Q2226-01	PD088867.D	10 Jun 2025 15:03	AR\AJ	Ok,M
17	Q2241-01	PD088868.D	10 Jun 2025 15:16	AR\AJ	Ok,M
18	Q2241-05	PD088869.D	10 Jun 2025 15:30	AR\AJ	Ok,M
19	PB168320BL	PD088870.D	10 Jun 2025 15:44	AR\AJ	Ok
20	PB168320BS	PD088871.D	10 Jun 2025 15:57	AR\AJ	Ok
21	Q2242-01	PD088872.D	10 Jun 2025 16:11	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD061025

Review By	Abdul	Review On	6/11/2025 7:48:01 AM
Supervise By	mohammad	Supervise On	6/13/2025 1:37:42 AM
SubDirectory	PD061025	HP Acquire Method	HP Processing Method pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2244-01	PD088873.D	10 Jun 2025 16:25	AR\AJ	Dilution
23	Q2244-01DL	PD088874.D	10 Jun 2025 16:38	AR\AJ	Ok,M
24	Q2240-01	PD088875.D	10 Jun 2025 16:52	AR\AJ	Ok,M
25	Q2240-05	PD088876.D	10 Jun 2025 17:05	AR\AJ	Ok,M
26	Q2240-09	PD088877.D	10 Jun 2025 17:19	AR\AJ	Ok,M
27	I.BLK	PD088878.D	10 Jun 2025 17:33	AR\AJ	Ok
28	PEM	PD088879.D	10 Jun 2025 17:46	AR\AJ	Ok,M
29	PSTDCCC050	PD088880.D	10 Jun 2025 18:00	AR\AJ	Ok
30	Q2246-01	PD088881.D	10 Jun 2025 18:28	AR\AJ	Ok
31	Q2260-01	PD088882.D	10 Jun 2025 18:41	AR\AJ	Ok
32	Q2265-01	PD088883.D	10 Jun 2025 18:55	AR\AJ	Ok
33	Q2266-01	PD088884.D	10 Jun 2025 19:09	AR\AJ	Ok
34	Q2266-01MS	PD088885.D	10 Jun 2025 19:22	AR\AJ	Ok
35	Q2266-01MSD	PD088886.D	10 Jun 2025 19:36	AR\AJ	Ok
36	Q2266-05	PD088887.D	10 Jun 2025 19:49	AR\AJ	Ok
37	PB168372BL	PD088888.D	10 Jun 2025 20:03	AR\AJ	Ok
38	PB168372BS	PD088889.D	10 Jun 2025 20:17	AR\AJ	Ok
39	I.BLK	PD088890.D	10 Jun 2025 20:30	AR\AJ	Ok
40	PSTDCCC050	PD088891.D	10 Jun 2025 20:44	AR\AJ	Ok
41	Q2271-01	PD088892.D	10 Jun 2025 21:12	AR\AJ	Ok
42	Q2272-01	PD088893.D	10 Jun 2025 21:25	AR\AJ	Ok
43	Q2273-01	PD088894.D	10 Jun 2025 21:39	AR\AJ	Ok
44	Q2273-01MS	PD088895.D	10 Jun 2025 21:53	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD061025

Review By	Abdul	Review On	6/11/2025 7:48:01 AM
Supervise By	mohammad	Supervise On	6/13/2025 1:37:42 AM
SubDirectory	PD061025	HP Acquire Method	HP Processing Method pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q2273-01MSD	PD088896.D	10 Jun 2025 22:06	AR\AJ	Ok
46	Q2274-01	PD088897.D	10 Jun 2025 22:20	AR\AJ	Ok,M
47	Q2273-05	PD088898.D	10 Jun 2025 22:34	AR\AJ	Ok
48	I.BLK	PD088899.D	10 Jun 2025 22:47	AR\AJ	Ok
49	PSTDCCC050	PD088900.D	10 Jun 2025 23:01	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method
			pd0519 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD088582.D	19 May 2025 10:36		AR\AJ	Ok
2	I.BLK	I.BLK	PD088583.D	19 May 2025 10:50		AR\AJ	Ok
3	PEM	PEM	PD088584.D	19 May 2025 11:04		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD088585.D	19 May 2025 11:17		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD088586.D	19 May 2025 11:31		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD088587.D	19 May 2025 11:45		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD088588.D	19 May 2025 11:58		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD088589.D	19 May 2025 12:12		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD088590.D	19 May 2025 12:25		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD088591.D	19 May 2025 12:39		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD088592.D	19 May 2025 12:52		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD088593.D	19 May 2025 13:06		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD088594.D	19 May 2025 13:19		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD088595.D	19 May 2025 13:33		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PD088596.D	19 May 2025 13:47		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD088597.D	19 May 2025 14:00		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD088598.D	19 May 2025 14:14		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD088599.D	19 May 2025 14:27		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PD088600.D	19 May 2025 14:41		AR\AJ	Ok
20	PSTDICV050	ICVPD051925	PD088601.D	19 May 2025 14:55		AR\AJ	Ok
21	PCHLORICV500	ICVPD051925CHLOR	PD088602.D	19 May 2025 15:08		AR\AJ	Ok,M
22	PTOXICV500	ICVPD051925TOX	PD088603.D	19 May 2025 15:22		AR\AJ	Ok
23	I.BLK	I.BLK	PD088604.D	19 May 2025 15:35		AR\AJ	Ok
24	PEM	PEM	PD088605.D	19 May 2025 15:49		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD088606.D	19 May 2025 16:02		AR\AJ	Ok
26	PTOXCCC500	PTOXCCC500	PD088607.D	19 May 2025 16:16		AR\AJ	Ok
27	PB167959BS	PB167959BS	PD088608.D	19 May 2025 16:32	TOX BS	AR\AJ	Ok
28	Q1984-09RE	OU4-TS-25-050725RE	PD088609.D	19 May 2025 16:50	DCB Low in both column	AR\AJ	Confirms
29	Q1984-11RE	OU4-TS-26-050725RE	PD088610.D	19 May 2025 17:04	DCB Low in both column	AR\AJ	Confirms
30	Q1984-13RE	OU4-TS-27-050725RE	PD088611.D	19 May 2025 17:18	DCB Low in both column	AR\AJ	Confirms
31	Q1984-15RE	OU4-TS-28-050725RE	PD088612.D	19 May 2025 17:31	DCB Low in both column	AR\AJ	Confirms
32	I.BLK	I.BLK	PD088613.D	19 May 2025 17:45		AR\AJ	Ok,M
33	PSTDCCC050	PSTDCCC050	PD088614.D	19 May 2025 18:45		AR\AJ	Ok,M
34	PTOXCCC500	PTOXCCC500	PD088615.D	19 May 2025 19:32		AR\AJ	Ok
35	PB168066BL	PB168066BL	PD088616.D	19 May 2025 20:26		AR\AJ	Ok
36	PB168066BS	PB168066BS	PD088617.D	19 May 2025 20:40	Recovery fail for comp # 17 & 20	AR\AJ	Not Ok
37	PB167994TB	PB167994TB	PD088618.D	19 May 2025 20:54		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD051925

Review By	Abdul	Review On	5/20/2025 9:04:34 AM
Supervise By	mohammad	Supervise On	5/21/2025 5:34:48 AM
SubDirectory	PD051925	HP Acquire Method	HP Processing Method pd0519 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	Q2014-05	MOO-25-0148	PD088619.D	19 May 2025 21:08	TCMX having F flag in both column, already run	AR\AJ	Not Ok
39	Q2027-03	B27-SOIL-SAMPLE	PD088620.D	19 May 2025 21:21		AR\AJ	Ok,M
40	Q2027-03MS	B27-SOIL-SAMPLEMS	PD088621.D	19 May 2025 21:35		AR\AJ	Ok,M
41	Q2027-03MSD	B27-SOIL-SAMPLEMS	PD088622.D	19 May 2025 21:49		AR\AJ	Ok,M
42	Q2027-04	B28-SOIL-SAMPLE	PD088623.D	19 May 2025 22:02		AR\AJ	Ok
43	Q2032-09	COMP-1	PD088624.D	19 May 2025 22:16		AR\AJ	Ok
44	I.BLK	I.BLK	PD088625.D	19 May 2025 22:30		AR\AJ	Ok
45	PSTDCCC050	PSTDCCC050	PD088626.D	19 May 2025 22:43		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD060925

Review By	Abdul	Review On	6/10/2025 8:35:58 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:06 AM
SubDirectory	PD060925	HP Acquire Method	HP Processing Method pd051925 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD088819.D	09 Jun 2025 08:36		AR\AJ	Ok
2	I.BLK	I.BLK	PD088820.D	09 Jun 2025 08:50		AR\AJ	Ok
3	PEM	PEM	PD088821.D	09 Jun 2025 10:30		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD088822.D	09 Jun 2025 10:44		AR\AJ	Ok,M
5	Q2207-09	BU-703-COMP-01	PD088823.D	09 Jun 2025 11:04		AR\AJ	Ok
6	Q2207-18	BU-703-COMP-02	PD088824.D	09 Jun 2025 11:18		AR\AJ	Ok
7	Q2207-27	BU-703-COMP-03	PD088825.D	09 Jun 2025 11:31		AR\AJ	Ok
8	Q2207-36	BU-703-COMP-04	PD088826.D	09 Jun 2025 11:45		AR\AJ	Ok
9	Q2207-45	BU-703-COMP-05	PD088827.D	09 Jun 2025 11:59		AR\AJ	Ok
10	Q2208-09	BU-703-COMP-06	PD088828.D	09 Jun 2025 12:12		AR\AJ	Ok
11	Q2208-18	BU-703-COMP-07	PD088829.D	09 Jun 2025 12:26		AR\AJ	Ok
12	Q2208-27	BU-703-COMP-08	PD088830.D	09 Jun 2025 12:40		AR\AJ	Ok
13	Q2208-36	BU-703-COMP-09	PD088831.D	09 Jun 2025 12:53		AR\AJ	Ok
14	PB168330BL	PB168330BL	PD088832.D	09 Jun 2025 13:14		AR\AJ	Ok
15	PB168330BS	PB168330BS	PD088833.D	09 Jun 2025 13:28		AR\AJ	Ok
16	PB168271TB	PB168271TB	PD088834.D	09 Jun 2025 13:44		AR\AJ	Ok
17	PB168311TB	PB168311TB	PD088835.D	09 Jun 2025 13:58		AR\AJ	Ok
18	Q2198-02	B-202-SB02	PD088836.D	09 Jun 2025 14:11		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD060925

Review By	Abdul	Review On	6/10/2025 8:35:58 AM
Supervise By	mohammad	Supervise On	6/11/2025 2:16:06 AM
SubDirectory	PD060925	HP Acquire Method	HP Processing Method pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2198-04	B-207-SB02	PD088837.D	09 Jun 2025 14:25		AR\AJ	Ok
20	Q2198-04MS	B-207-SB02MS	PD088838.D	09 Jun 2025 14:39		AR\AJ	Ok,M
21	Q2198-04MSD	B-207-SB02MSD	PD088839.D	09 Jun 2025 14:53		AR\AJ	Ok,M
22	I.BLK	I.BLK	PD088840.D	09 Jun 2025 15:30		AR\AJ	Ok
23	PSTDCCC050	PSTDCCC050	PD088841.D	09 Jun 2025 15:44		AR\AJ	Ok,M
24	PB168363BL	PB168363BL	PD088842.D	09 Jun 2025 16:20		AR\AJ	Ok
25	PB168363BS	PB168363BS	PD088843.D	09 Jun 2025 16:34		AR\AJ	Ok
26	PB168333TB	PB168333TB	PD088844.D	09 Jun 2025 16:47		AR\AJ	Ok
27	Q2137-05	MOO-25-0151	PD088845.D	09 Jun 2025 17:01		AR\AJ	Ok,M
28	Q2137-05MS	MOO-25-0151MS	PD088846.D	09 Jun 2025 17:15	Coming Flag due to matrix interference and no need to run again.	AR\AJ	Ok,M
29	Q2137-05MSD	MOO-25-0151MSD	PD088847.D	09 Jun 2025 17:28	Coming Flag due to matrix interference and no need to run again.	AR\AJ	Ok,M
30	Q2262-02	ARS20-0032	PD088848.D	09 Jun 2025 17:42		AR\AJ	Ok
31	Q2262-04	ARS20-0001	PD088849.D	09 Jun 2025 17:56		AR\AJ	Ok
32	I.BLK	I.BLK	PD088850.D	09 Jun 2025 18:09		AR\AJ	Ok
33	PSTDCCC050	PSTDCCC050	PD088851.D	09 Jun 2025 18:23		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD061025

Review By	Abdul	Review On	6/11/2025 7:48:01 AM
Supervise By	mohammad	Supervise On	6/13/2025 1:37:42 AM
SubDirectory	PD061025	HP Acquire Method	HP Processing Method pd051925 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD088852.D	10 Jun 2025 08:53		AR\AJ	Ok
2	I.BLK	I.BLK	PD088853.D	10 Jun 2025 09:06		AR\AJ	Ok
3	PEM	PEM	PD088854.D	10 Jun 2025 09:20		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD088855.D	10 Jun 2025 10:38		AR\AJ	Ok
5	PB168350BL	PB168350BL	PD088856.D	10 Jun 2025 12:14		AR\AJ	Ok
6	PB168350BS	PB168350BS	PD088857.D	10 Jun 2025 12:28		AR\AJ	Ok
7	Q2248-01	TR-05-060525	PD088858.D	10 Jun 2025 12:44		AR\AJ	Ok,M
8	Q2235-03	WC-A2-08-C	PD088859.D	10 Jun 2025 13:10		AR\AJ	Ok
9	Q2236-03	WC-A4-05A-C	PD088860.D	10 Jun 2025 13:27		AR\AJ	Ok
10	Q2236-07	WC-A2-04-C	PD088861.D	10 Jun 2025 13:41		AR\AJ	Ok
11	Q2236-11	WC-A2-05-C	PD088862.D	10 Jun 2025 13:54		AR\AJ	Ok
12	Q2236-15	WC-A2-06-C	PD088863.D	10 Jun 2025 14:08		AR\AJ	Ok
13	Q2236-19	WC-A2-07-C	PD088864.D	10 Jun 2025 14:22		AR\AJ	Ok
14	I.BLK	I.BLK	PD088865.D	10 Jun 2025 14:35		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PD088866.D	10 Jun 2025 14:49		AR\AJ	Ok,M
16	Q2226-01	TP06-MHI-WC	PD088867.D	10 Jun 2025 15:03		AR\AJ	Ok,M
17	Q2241-01	TP-N	PD088868.D	10 Jun 2025 15:16		AR\AJ	Ok,M
18	Q2241-05	TP-S	PD088869.D	10 Jun 2025 15:30		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD061025

Review By	Abdul	Review On	6/11/2025 7:48:01 AM
Supervise By	mohammad	Supervise On	6/13/2025 1:37:42 AM
SubDirectory	PD061025	HP Acquire Method	HP Processing Method
			pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PB168320BL	PB168320BL	PD088870.D	10 Jun 2025 15:44		AR\AJ	Ok
20	PB168320BS	PB168320BS	PD088871.D	10 Jun 2025 15:57		AR\AJ	Ok
21	Q2242-01	TP09-MHJ	PD088872.D	10 Jun 2025 16:11		AR\AJ	Ok
22	Q2244-01	TP03-MHC	PD088873.D	10 Jun 2025 16:25	need dilution ,	AR\AJ	Dilution
23	Q2244-01DL	TP03-MHCDL	PD088874.D	10 Jun 2025 16:38		AR\AJ	Ok,M
24	Q2240-01	TP-3	PD088875.D	10 Jun 2025 16:52		AR\AJ	Ok,M
25	Q2240-05	TP-2	PD088876.D	10 Jun 2025 17:05		AR\AJ	Ok,M
26	Q2240-09	TP-1	PD088877.D	10 Jun 2025 17:19		AR\AJ	Ok,M
27	I.BLK	I.BLK	PD088878.D	10 Jun 2025 17:33		AR\AJ	Ok
28	PEM	PEM	PD088879.D	10 Jun 2025 17:46		AR\AJ	Ok,M
29	PSTDCCC050	PSTDCCC050	PD088880.D	10 Jun 2025 18:00		AR\AJ	Ok
30	Q2246-01	BU-03-060525	PD088881.D	10 Jun 2025 18:28		AR\AJ	Ok
31	Q2260-01	TP10-MHG-WC	PD088882.D	10 Jun 2025 18:41		AR\AJ	Ok
32	Q2265-01	TP11-MHL-WC	PD088883.D	10 Jun 2025 18:55		AR\AJ	Ok
33	Q2266-01	WC-3	PD088884.D	10 Jun 2025 19:09		AR\AJ	Ok
34	Q2266-01MS	WC-3MS	PD088885.D	10 Jun 2025 19:22		AR\AJ	Ok
35	Q2266-01MSD	WC-3MSD	PD088886.D	10 Jun 2025 19:36		AR\AJ	Ok
36	Q2266-05	WC-5	PD088887.D	10 Jun 2025 19:49		AR\AJ	Ok
37	PB168372BL	PB168372BL	PD088888.D	10 Jun 2025 20:03		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD061025

Review By	Abdul	Review On	6/11/2025 7:48:01 AM
Supervise By	mohammad	Supervise On	6/13/2025 1:37:42 AM
SubDirectory	PD061025	HP Acquire Method	HP Processing Method pd051925 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	PB168372BS	PB168372BS	PD088889.D	10 Jun 2025 20:17		AR\AJ	Ok
39	I.BLK	I.BLK	PD088890.D	10 Jun 2025 20:30		AR\AJ	Ok
40	PSTDCCC050	PSTDCCC050	PD088891.D	10 Jun 2025 20:44		AR\AJ	Ok
41	Q2271-01	TP12-MHK-WC	PD088892.D	10 Jun 2025 21:12		AR\AJ	Ok
42	Q2272-01	TP-6	PD088893.D	10 Jun 2025 21:25		AR\AJ	Ok
43	Q2273-01	WC-4	PD088894.D	10 Jun 2025 21:39		AR\AJ	Ok
44	Q2273-01MS	WC-4MS	PD088895.D	10 Jun 2025 21:53		AR\AJ	Ok
45	Q2273-01MSD	WC-4MSD	PD088896.D	10 Jun 2025 22:06		AR\AJ	Ok
46	Q2274-01	TP-13-MHP-WC	PD088897.D	10 Jun 2025 22:20		AR\AJ	Ok,M
47	Q2273-05	WC-6	PD088898.D	10 Jun 2025 22:34		AR\AJ	Ok
48	I.BLK	I.BLK	PD088899.D	10 Jun 2025 22:47		AR\AJ	Ok
49	PSTDCCC050	PSTDCCC050	PD088900.D	10 Jun 2025 23:01		AR\AJ	Ok

M : Manual Integration

SOP ID : M1311-TCLP-16

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 06/05/2025 Time : 15:00

End Prep Date : 06/06/2025 Time : 09:20

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : 12

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	N/A	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120 ml Plastic	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. Q2242-04 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/06/25 11:30	<u>JP</u> / <u>ICB Room</u>	<u>RJ / Ext</u>
	Preparation Group	Analysis Group <u>JP / Not NJ</u>

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168311TB	LEB311	16	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2226-04	TP06-MHI-WC	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2227-04	TP07-MHH-WC	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2228-04	TP08-MHI-WC	03	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2235-03	WC-A2-08-C	04	100.01	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-03	WC-A4-05A-C	05	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-07	WC-A2-04-C	06	100.03	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-11	WC-A2-05-C	07	100.00	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-15	WC-A2-06-C	08	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2236-19	WC-A2-07-C	09	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2240-04	TP-3	10	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2240-08	TP-2	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2240-12	TP-1	12	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2241-04	TP-N	13	100.04	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q2241-08	TP-S	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2242-04	TP09-MHJ	15	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168311TB	LEB311	N/A	N/A	N/A	N/A	N/A	N/A
Q2226-04	TP06-MHI-WC	N/A	N/A	N/A	N/A	100	N/A
Q2227-04	TP07-MHH-WC	N/A	N/A	N/A	N/A	100	N/A
Q2228-04	TP08-MHI-WC	N/A	N/A	N/A	N/A	100	N/A
Q2235-03	WC-A2-08-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-03	WC-A4-05A-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-07	WC-A2-04-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-11	WC-A2-05-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-15	WC-A2-06-C	N/A	N/A	N/A	N/A	100	N/A
Q2236-19	WC-A2-07-C	N/A	N/A	N/A	N/A	100	N/A
Q2240-04	TP-3	N/A	N/A	N/A	N/A	100	N/A
Q2240-08	TP-2	N/A	N/A	N/A	N/A	100	N/A
Q2240-12	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q2241-04	TP-N	N/A	N/A	N/A	N/A	100	N/A
Q2241-08	TP-S	N/A	N/A	N/A	N/A	100	N/A
Q2242-04	TP09-MHJ	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 / WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB168311TB	LEB311	N/A	N/A	N/A	N/A	#1	4.93
Q2226-04	TP06-MHI-WC	5.02	96.5	6.6	2.0	#1	4.93
Q2227-04	TP07-MHH-WC	5.03	96.5	5.6	1.5	#1	4.93
Q2228-04	TP08-MHI-WC	5.02	96.5	5.5	1.5	#1	4.93
Q2235-03	WC-A2-08-C	5.01	96.5	12.5	4.5	#1	4.93
Q2236-03	WC-A4-05A-C	5.02	96.5	12.5	4.5	#1	4.93
Q2236-07	WC-A2-04-C	5.03	96.5	12.5	4.5	#1	4.93
Q2236-11	WC-A2-05-C	5.02	96.5	12.5	4.5	#1	4.93
Q2236-15	WC-A2-06-C	5.01	96.5	12.0	4.0	#1	4.93
Q2236-19	WC-A2-07-C	5.02	96.5	12.0	4.0	#1	4.93
Q2240-04	TP-3	5.03	96.5	9.1	3.5	#1	4.93
Q2240-08	TP-2	5.02	96.5	8.6	3.0	#1	4.93
Q2240-12	TP-1	5.03	96.5	8.6	3.0	#1	4.93
Q2241-04	TP-N	5.02	96.5	8.4	3.0	#1	4.93
Q2241-08	TP-S	5.01	96.5	8.6	3.5	#1	4.93
Q2242-04	TP09-MHJ	5.02	96.5	5.5	2.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2235

WorkList ID : 189978

Department : TCLP Extraction

Date : 06-05-2025 13:53:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2226-04	TP06-MHI-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N42	06/04/2025	1311
Q2227-04	TP07-MHH-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/03/2025	1311
Q2228-04	TP08-MHI-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/04/2025	1311
Q2235-03	WC-A2-08-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N41	06/04/2025	1311
Q2236-03	WC-A4-05A-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-07	WC-A2-04-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-11	WC-A2-05-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-15	WC-A2-06-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2236-19	WC-A2-07-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	N31	06/04/2025	1311
Q2240-04	TP-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2240-08	TP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2240-12	TP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2241-04	TP-N	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/05/2025	1311
Q2241-08	TP-S	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N41	06/05/2025	1311
Q2242-04	TP09-MHJ	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L21	06/05/2025	1311

Date/Time 06/05/25 14:10

Raw Sample Received by: SP WOC

Raw Sample Relinquished by: CP SM

Date/Time 06/05/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: SP WOC

SOP ID: M3510C,3580A-Extraction Pesticide-16

Clean Up SOP #: N/A **Extraction Start Date :** 06/06/2025

Matrix : Water **Extraction Start Time :** 12:32

Welgh By: N/A **Extraction By:** RS **Extraction End Date :** 06/06/2025

Balance check: N/A **Filter By:** RJ **Extraction End Time :** 17:10

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 4,5,6,7 **Supervisor By :** RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24285
Surrogate	1.0ML	200 PPB	PP24597
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
Hexane	N/A	E3938
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
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (B4 Lab)	Dr. Pest- / PCB Lab
17:15	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-16

Concentration Date: 06/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168271TB	PB168271TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB168311TB	PB168311TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			2
PB168330BL	PBLK330	TCLP Pesticide	1000	6	RUPESH	ritesh	10			3
PB168330BS	PLCS330	TCLP Pesticide	1000	6	RUPESH	ritesh	10			4
Q2198-02	B-202-SB02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
Q2198-04	B-207-SB02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
Q2198-04MS	B-207-SB02MS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7
Q2198-04MS D	B-207-SB02MSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		8
Q2207-09	BU-703-COMP-01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		9
Q2207-18	BU-703-COMP-02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		10
Q2207-27	BU-703-COMP-03	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		11
Q2207-36	BU-703-COMP-04	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		12
Q2207-45	BU-703-COMP-05	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		13
Q2208-09	BU-703-COMP-06	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		14
Q2208-18	BU-703-COMP-07	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		15
Q2208-27	BU-703-COMP-08	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		16
Q2208-36	BU-703-COMP-09	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		SEP-1
Q2235-03	WC-A2-08-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		2
Q2236-03	WC-A4-05A-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		3
Q2236-07	WC-A2-04-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		4
Q2236-11	WC-A2-05-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
Q2236-15	WC-A2-06-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
Q2236-19	WC-A2-07-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7

* Extracts relinquished on the same date as received.



Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168271TB	LEB271	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2192-01	SB-1	01	100.02	2000	N/A	N/A	N/A	8.2	1.0	T-1
Q2194-02	COMP-12	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2194-04	COMP-13	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2198-02	B-202-SB02	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2198-04	B-207-SB01	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2206-04	TP-1	06	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2207-09	BU-703-COMP-01	07	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2207-18	BU-703-COMP-02	08	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2207-27	BU-703-COMP-03	09	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2207-36	BU-703-COMP-04	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2207-45	BU-703-COMP-05	11	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-09	BU-703-COMP-06	12	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q2208-18	BU-703-COMP-07	13	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-27	BU-703-COMP-08	14	100.01	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2208-36	BU-703-COMP-09	15	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2

06/05/15
11.30

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168311TB	LEB311	16	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2226-04	TP06-MHI-WC	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2227-04	TP07-MHH-WC	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2228-04	TP08-MHI-WC	03	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2235-03	WC-A2-08-C	04	100.01	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-03	WC-A4-05A-C	05	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-07	WC-A2-04-C	06	100.03	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-11	WC-A2-05-C	07	100.00	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-15	WC-A2-06-C	08	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2236-19	WC-A2-07-C	09	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2240-04	TP-3	10	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2240-08	TP-2	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2240-12	TP-1	12	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2241-04	TP-N	13	100.04	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q2241-08	TP-S	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2242-04	TP09-MHJ	15	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-2

06/06/25
11/30

Prep Standard - Chemical Standard Summary

Order ID : Q2236

Test : TCLP Pesticide

Prepbatch ID : PB168330,

Sequence ID/Qc Batch ID: Pd060925,PD061025,

Standard ID :

EP2620,PP24095,PP24255,PP24256,PP24257,PP24258,PP24259,PP24260,PP24261,PP24262,PP24266,PP24267,P
P24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,P
P24281,PP24282,PP24283,PP24284,PP24285,PP24329,PP24433,PP24597,

Chemical ID :

E3551,E3847,E3876,E3877,E3914,E3932,E3938,E3939,P12603,P 12611,P13037,P13040,P13195,P13245,P13356,P13
357,P13405,P13785,P13861,P9052,W3177,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2620	05/30/2025	07/01/2025	RUPESHKUMAR SHAH	Extraction_SC ALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/30/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4027	Pesticide resolution Check Mixture 8081	PP24095	12/23/2024	06/16/2025	Abdul Mirza	None	None	Ankita Jodhani 12/30/2024

FROM 1.00000ml of P13245 + 99.00000ml of E3847 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24255	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 1.00000ml of P13785 + 9.00000ml of E3877 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP24256	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 1.00000ml of P13040 + 9.00000ml of E3877 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1472	20 PPM Pest Stock Solution 2nd Source	PP24257	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 1.00000ml of P13037 + 9.00000ml of E3877 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1273	20 PPM Mirex Stock (Primary Source)	PP24258	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.20000ml of P9052 + 9.80000ml of E3877 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3663	20 PPM MIREX Stock STD (Secondary source)	PP24259	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.20000ml of P13195 + 9.80000ml of E3877 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24260	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 98.50000ml of E3877 + 0.50000ml of PP24255 + 0.50000ml of PP24256 + 0.50000ml of PP24258 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
80	100/100 PPB Pesticide Working Solution 2nd Source	PP24261	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 98.50000ml of E3877 + 0.50000ml of PP24255 + 0.50000ml of PP24257 + 0.50000ml of PP24259 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
386	1000/100 PPB Chlordane STD (Restek)	PP24262	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.10000ml of P12603 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	PP24266	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.10000ml of P12611 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
383	1000/100 PPB Toxaphene STD (Restek)	PP24267	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.10000ml of P13405 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	PP24268	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.10000ml of P13861 + 99.40000ml of E3877 + 0.50000ml of PP24255 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3631	75 PPB ICAL PEST STD(RESTEK)	PP24269	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24260 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3632	50 PPB ICAL PEST STD(RESTEK)	PP24270	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24260 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3633	25 PPB ICAL PEST STD(RESTEK)	PP24271	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24260 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3634	5 PPB ICAL PEST STD(RESTEK)	PP24272	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.90000ml of E3877 + 0.10000ml of PP24270 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3988	50 PPB PEST ICV STD(RESTEK)	PP24273	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24261 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
528	CHLOR 750 PPB STD	PP24274	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
03/12/2025								

FROM 0.25000ml of E3877 + 0.75000ml of PP24262 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
529	CHLOR 500 PPB STD	PP24275	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
03/12/2025								

FROM 0.50000ml of E3877 + 0.50000ml of PP24262 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
530	CHLOR 250 PPB STD	PP24277	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24262 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3408	CHLOR 50 PPB STD	PP24278	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.90000ml of E3877 + 0.10000ml of PP24275 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
532	CHLOR 500 PPB ICV STD	PP24279	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24266 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
533	TOX 750 PPB STD	PP24280	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.25000ml of E3877 + 0.75000ml of PP24267 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
534	TOX 500 PPB STD	PP24281	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24267 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
535	TOX 250 PPB STD	PP24282	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.75000ml of E3877 + 0.25000ml of PP24267 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2217	TOX 100 PPB STD	PP24283	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.90000ml of E3877 + 0.10000ml of PP24267 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3670	TOX 500 PPB ICV std (RESTEK)	PP24284	03/11/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 0.50000ml of E3877 + 0.50000ml of PP24268 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
79	500 PPB Pesticide Spike Solution	PP24285	03/12/2025	08/12/2025	Abdul Mirza	None	None	Ankita Jodhani
								03/12/2025

FROM 95.00000ml of E3876 + 2.50000ml of PP24257 + 2.50000ml of PP24259 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
518	Pest/PCB I.BLK 20 PPB	PP24433	03/31/2025	08/22/2025	Abdul Mirza	None	None	Yogesh Patel
								04/02/2025

FROM 99.90000ml of E3914 + 0.10000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24597	05/20/2025	11/05/2025	Abdul Mirza	None	None	Yogesh Patel
								05/22/2025

FROM 1.00000ml of P13357 + 999.00000ml of E3932 = Final Quantity: 1000.000 ml

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	12/04/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	06/16/2025	12/16/2024 / Rajesh	12/13/2024 / Rajesh	E3847

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	08/25/2025	02/25/2025 /	02/12/2025 / Rajesh	E3876

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	09/19/2025	03/19/2025 / RUPESH	03/13/2025 / RUPESH	E3914

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	11/05/2025	05/05/2025 / RUPESH	04/23/2025 / RUPESH	E3932

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	/	05/14/2025 / RUPESH	E3938

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25A2862010	11/22/2025	05/22/2025 / RUPESH	02/28/2025 / RUPESH	E3939

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	09/11/2025	03/10/2025 / Abdul	07/03/2023 / Abdul	P12603

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0193299	09/09/2025	03/10/2025 / Abdul	07/03/2023 / Abdul	P12611

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0200423	09/10/2025	03/10/2025 / Abdul	12/26/2023 / Abdul	P13037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0199099	09/10/2025	03/10/2025 / Abdul	12/26/2023 / Abdul	P13040

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	042022	09/10/2025	03/10/2025 / Abdul	01/17/2024 / Abdul	P13195

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	19161 / 8081 pesticide resolution check mixture	013124	06/23/2025	12/23/2024 / Abdul	02/09/2024 / Abdul	P13245

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	11/20/2025	05/20/2025 / Abdul	04/22/2024 / Abdul	P13357

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	09/09/2025	03/10/2025 / Abdul	05/15/2024 / Abdul	P13405

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	09/10/2025	03/10/2025 / Abdul	11/19/2024 / Ankita	P13785

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0210240	09/10/2025	03/10/2025 / Abdul	12/09/2024 / Abdul	P13861

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	112018	09/10/2025	03/10/2025 / Abdul	11/01/2019 / Stephen	P9052

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by R3 on 7/24/23 E 3551

RC-02-01, Ed. 3

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 12/13/24

E3847



Jamie Croak
Director Quality Operations, Bioscience Production

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd. by RP on 2/12/25

Harout Sahagian **E3877**

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RS on 3/14/25



E3914

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

 avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

RS

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3932



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantors**



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3938



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Methylene Chloride
ULTRA RESI-ANALYZED
For Organic Residue Analysis
(dichloromethane)



Material No.: 9266-A4
Batch No.: 25A2862010
Manufactured Date: 2024-12-18
Expiration Date: 2026-03-19
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	2
Assay (CH ₂ Cl ₂) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8 \%$	99.9 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titration Acid (μ eq/g)	≤ 0.3	<0.1
Chloride (Cl)	≤ 10 ppm	<5 ppm
Water (by KF, coulometric)	$\leq 0.02 \%$	<0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3939

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis
chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32021 **Lot No.:** A0193299
Description : Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : April 30, 2029 **Storage:** 10°C or colder
Ship: Ambient

P12616
↓
P12615
Five
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	—%	1,010.0 µg/mL	+/- 56.0475

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

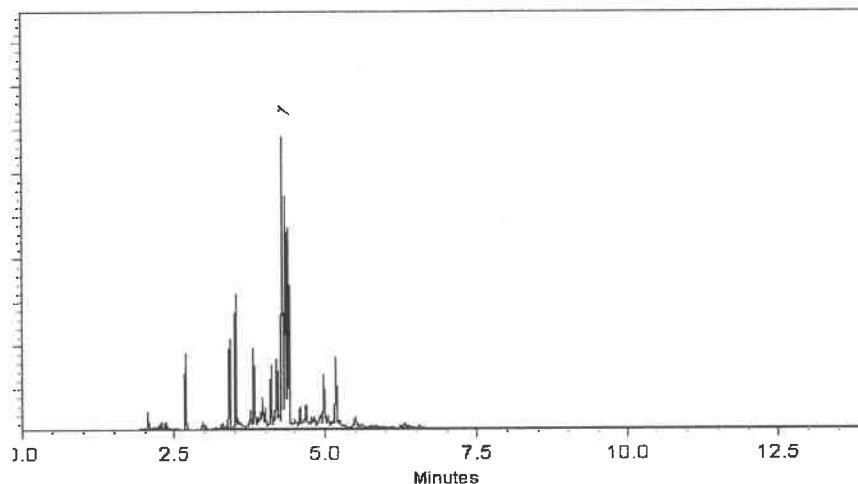
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Bryan Snyder
Bryan Snyder - Operations Tech I

Date Mixed: 06-Jan-2023

Balance Serial # B442140311

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Jan-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

CRm
P 12611
↓
P 12615 } (5) *Fin*

CRout
7/3/2023



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291 Lot No.: A0199099

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL Pkg Amt: > 1 mL

Expiration Date : June 30, 2027 Storage: 10°C or colder

Ship: Ambient

P130397 5
↓
P13043 1
✓
12-26-2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.0 µg/mL	+/- 8.9732
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	200.1 µg/mL	+/- 8.9762
3	beta-BHC	319-85-7	BCCC6425	99%	200.3 µg/mL	+/- 8.9844
4	delta-BHC	319-86-8	14450800	98%	200.0 µg/mL	+/- 8.9740
5	Heptachlor	76-44-8	813251	99%	200.1 µg/mL	+/- 8.9754
6	Aldrin	309-00-2	14389400	98%	200.0 µg/mL	+/- 8.9718
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.1 µg/mL	+/- 8.9754
8	trans-Chlordane	5103-74-2	32943	98%	199.9 µg/mL	+/- 8.9696
9	cis-Chlordane	5103-71-9	31766	98%	200.1 µg/mL	+/- 8.9762
10	Endosulfan I	959-98-8	BCCF4060	99%	200.1 µg/mL	+/- 8.9754
11	4,4'-DDE	72-55-9	GHYQG	99%	200.1 µg/mL	+/- 8.9777
12	Dieldrin	60-57-1	11129900	98%	200.0 µg/mL	+/- 8.9718
13	Endrin	72-20-8	14123200	98%	199.9 µg/mL	+/- 8.9696
14	4,4'-DDD	72-54-8	HAN02	99%	200.1 µg/mL	+/- 8.9777
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	200.0 µg/mL	+/- 8.9718

17	Endrin aldehyde	7421-93-4	30720	98%	200.1 µg/mL	+/- 8.9784
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.0 µg/mL	+/- 8.9732
19	Methoxychlor	72-43-5	13668200	99%	200.1 µg/mL	+/- 8.9777
20	Endrin ketone	53494-70-5	1-ABS-16-7	98%	200.0 µg/mL	+/- 8.9740

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13039
↓
P13043
1
JAW
12/26/23

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

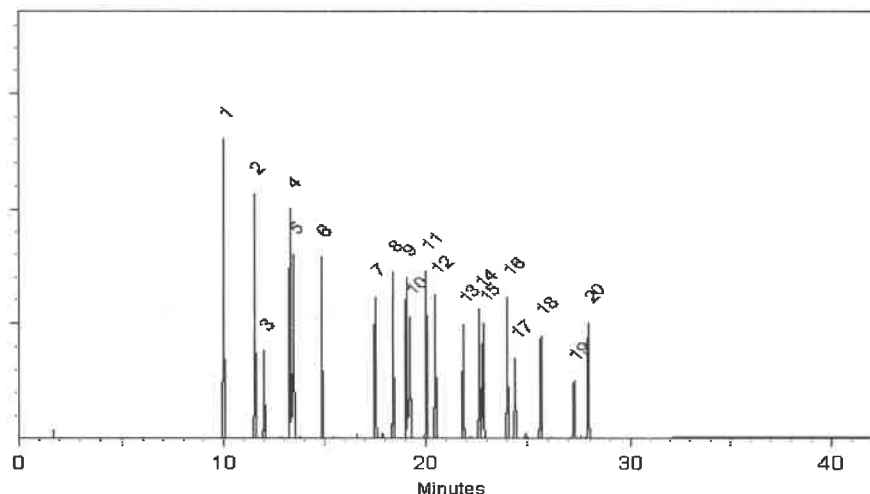
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey
Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023

Balance Serial # 1128360905

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number: 79136
Lot Number: 042022
Description: Mirex

Solvent(s): Acetone
Lot# 81025

Expiration Date: 04/2027
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

SE-05 Balance Uncertainty
0.006 Flask Uncertainty

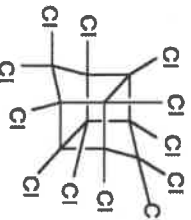
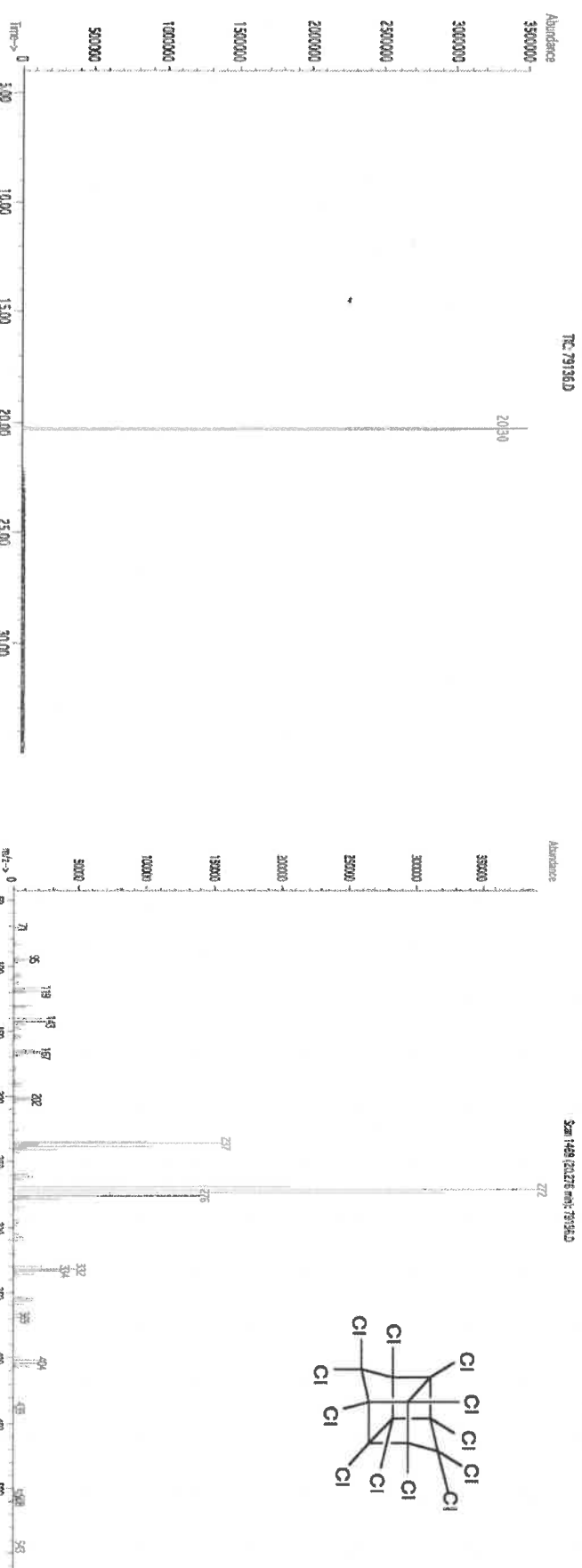
Weight(s) shown below were combined and diluted to (mL): 50.0

Formulated By: <i>Prashant Chauhan</i>	DATE 04/2022
Reviewed By: <i>Pedro L. Renteria</i>	DATE 04/2022

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (±) (µg/mL)	SDS Information	
										(Solvent Safety Info. On Attached pg.)	(CAS# OSHA PEL (TWA) LD50)

1. Mirex 437 9492400 1000 99.4 0.5 0.05034 0.05040 1001.1 10.3 2385-85-5 N/A or-rel 306mg/kg

Method GC7MSD-1.M: Column: SPB-608 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B = 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Candice Warren.



Handwritten notes:
P13195
P13199
5
01/17/2024

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening, sample, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N., and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32021 **Lot No.:** A0197993

Description : Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : August 31, 2029 **Storage:** 10°C or colder

Ship: Ambient

P 12603
↓
P 12605
[3]
✓ Raut
7/3/2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlordane 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers	57-74-9	978545	----%	1,005.0 µg/mL	+/- 55.7700

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

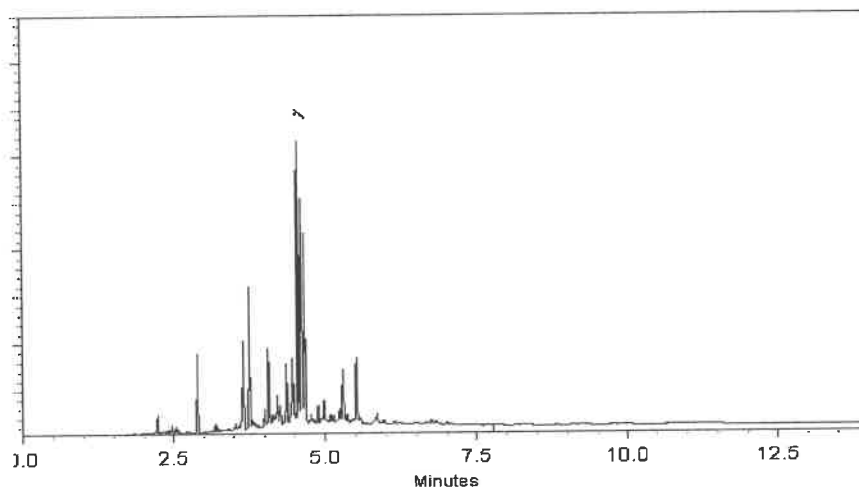
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Morgan Craighead - Mix Technician

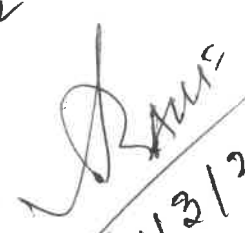
Date Mixed: 11-May-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 12603 } (3)
↓
P 12605

7/3/2023



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32291 **Lot No.:** A0200423

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2027 **Storage:** 10°C or colder

Ship: Ambient

P 13034
↓
P 13038
12.26.2023

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	alpha-BHC	319-84-6	14434500	99%	200.5 µg/mL	+/- 8.9956
2	gamma-BHC (Lindane)	58-89-9	14184400	98%	199.9 µg/mL	+/- 8.9696
3	beta-BHC	319-85-7	BCCC6425	99%	200.0 µg/mL	+/- 8.9732
4	delta-BHC	319-86-8	14450800	98%	199.9 µg/mL	+/- 8.9696
5	Heptachlor	76-44-8	813251	99%	202.0 µg/mL	+/- 9.0629
6	Aldrin	309-00-2	14389400	98%	200.9 µg/mL	+/- 9.0136
7	Heptachlor epoxide (isomer B)	1024-57-3	14448800	99%	200.0 µg/mL	+/- 8.9732
8	trans-Chlordane	5103-74-2	34616	99%	200.5 µg/mL	+/- 8.9956
9	cis-Chlordane	5103-71-9	31766	98%	201.4 µg/mL	+/- 9.0356
10	Endosulfan I	959-98-8	BCCF4060	99%	200.0 µg/mL	+/- 8.9732
11	4,4'-DDE	72-55-9	GHYQG	99%	201.5 µg/mL	+/- 9.0405
12	Dieldrin	60-57-1	14515000	98%	199.9 µg/mL	+/- 8.9696
13	Endrin	72-20-8	14485300	98%	200.4 µg/mL	+/- 8.9916
14	4,4'-DDD	72-54-8	HAN02	99%	200.5 µg/mL	+/- 8.9956
15	Endosulfan II	33213-65-9	14374700	99%	200.0 µg/mL	+/- 8.9732
16	4,4'-DDT	50-29-3	230410JLMA	98%	201.9 µg/mL	+/- 9.0575

17	Endrin aldehyde	7421-93-4	30720	98%	201.4 µg/mL	+/- 9.0356
18	Endosulfan sulfate	1031-07-8	BCCH9010	99%	200.5 µg/mL	+/- 8.9956
19	Methoxychlor	72-43-5	14563200	98%	200.9 µg/mL	+/- 9.0136
20	Endrin ketone	53494-70-5	14537700	98%	199.9 µg/mL	+/- 8.9696

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50)
CAS # 110-54-3/108-88-3
Purity 99%

P13034
P13038
1
5
12/26/2023

Quality Confirmation Test

Column:
30m x .25mm x .2µm
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

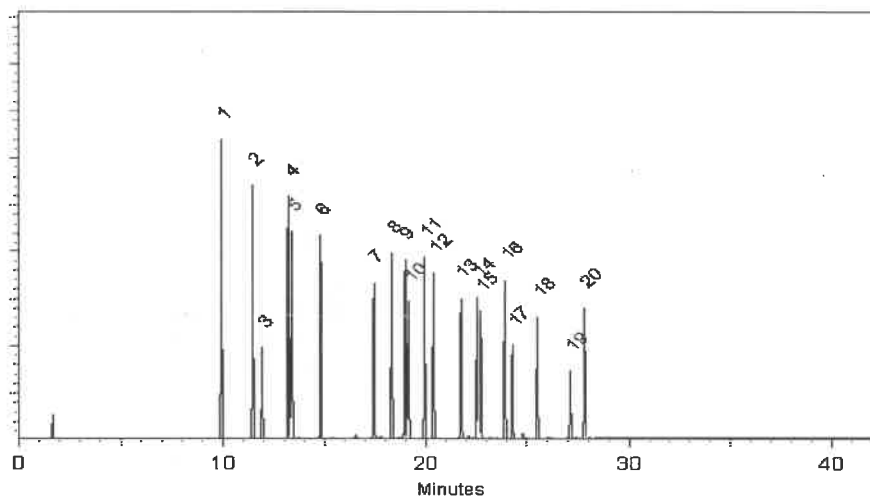
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



CERTIFIED WEIGHT REPORT

Part Number:
Lot Number:
Description:

19161
013124
CLP Pesticides & PCBs Resolution Check Standard

Expiration Date:
Recommended Storage:
Nominal Concentration (µg/mL):

9 components
013129
Refrigerate (4 °C)
Varied

Solvent(s):
Hexane
Toluene
Lot#
273615
(50%)
28508
(50%)

NIST Test ID#:

6UTB

Volume(s) shown below were combined and diluted to (mL):

5E-05
Balance Uncertainty
0.021
Pipet Uncertainty

<i>Lawrence Barry</i>	
Formulated By:	Lawrence Barry
DATE	013124
<i>Pedro L. Rentes</i>	
Reviewed By:	Pedro L. Rentes
DATE	013124

Compound

1. trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	or-rat 500mg/kg
2. Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	or-rat 18mg/kg
3. 4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	or-rat 880mg/kg
4. Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	or-rat 36300µg/kg
5. Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	or-rat 18mg/kg
6. Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7. 4,4'-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	or-rat 6000mg/kg
8. 2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9. Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
↓
P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

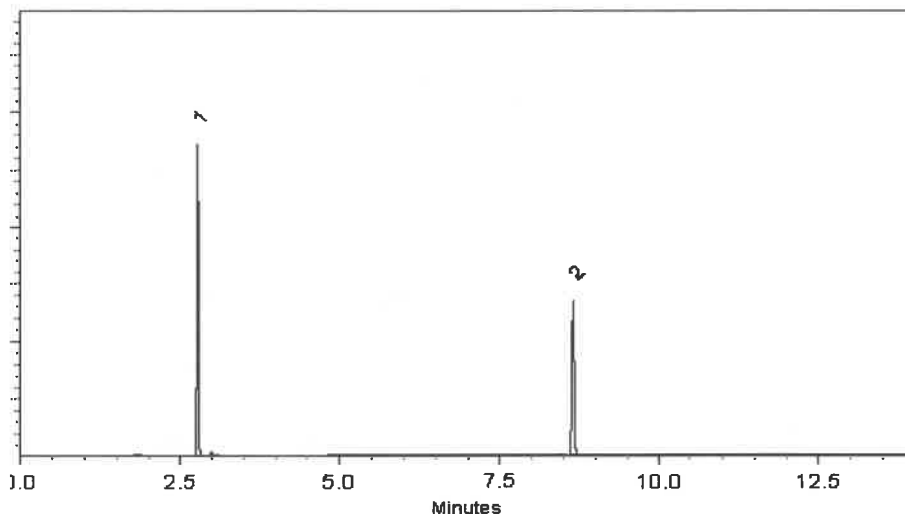
ECD

Split Vent:

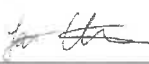
10 ml/min.

Inj. Vol

1µl

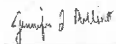


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13348
↓
P 13357
SAUF
04/25/2025



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
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P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

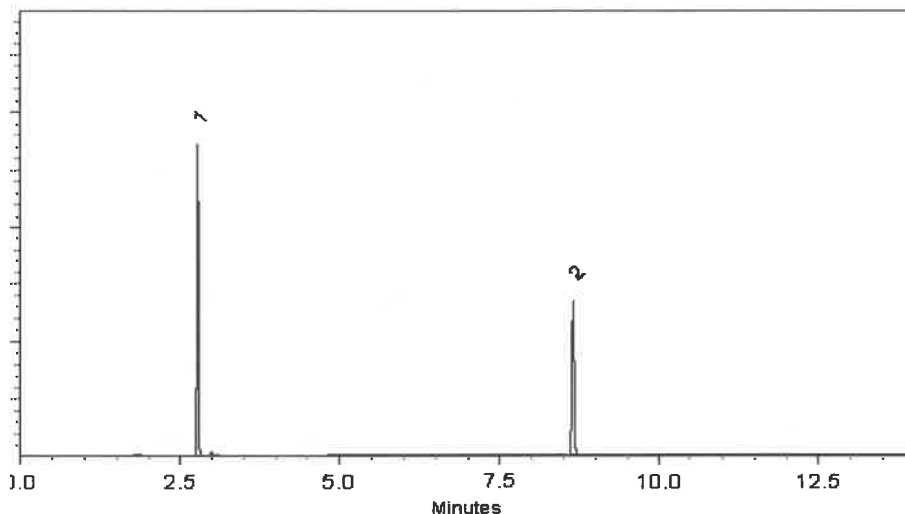
ECD

Split Vent:

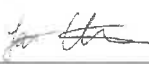
10 ml/min.

Inj. Vol

1µl

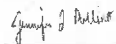


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

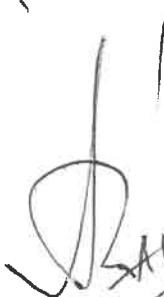
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
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Certificate #FM 80397

P 13348
↓
P 13357
10


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04/25/2025



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0203038

Description : Toxaphene Standard
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2028 **Storage:** 10°C or colder
Ship: Ambient

P13402
P13406
5/22/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	---%	1,009.0 µg/mL	+/- 55.9920

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

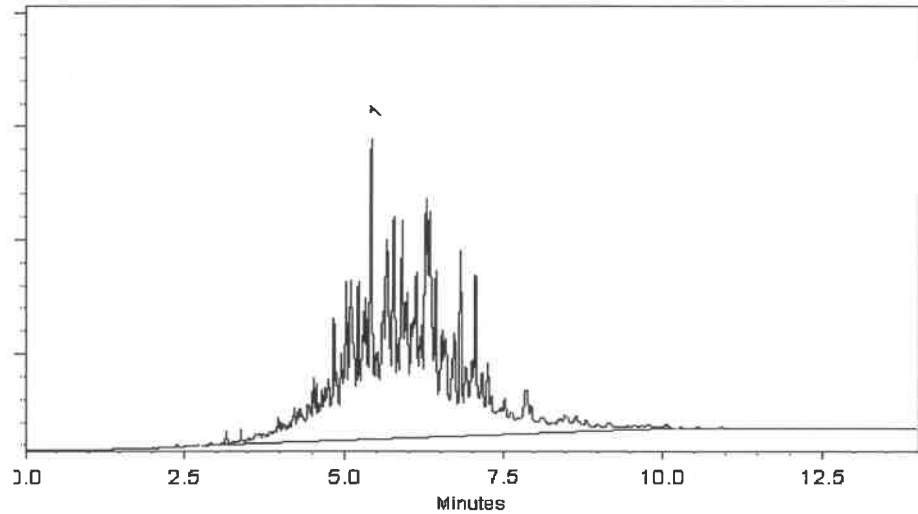
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl

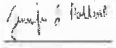


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Dakota Parson - Operations Technician I

Date Mixed: 10-Oct-2023

Balance Serial # 1128353505


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13402
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P13406 } (5)

5/22/2024



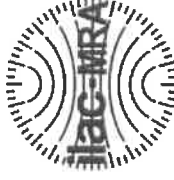
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

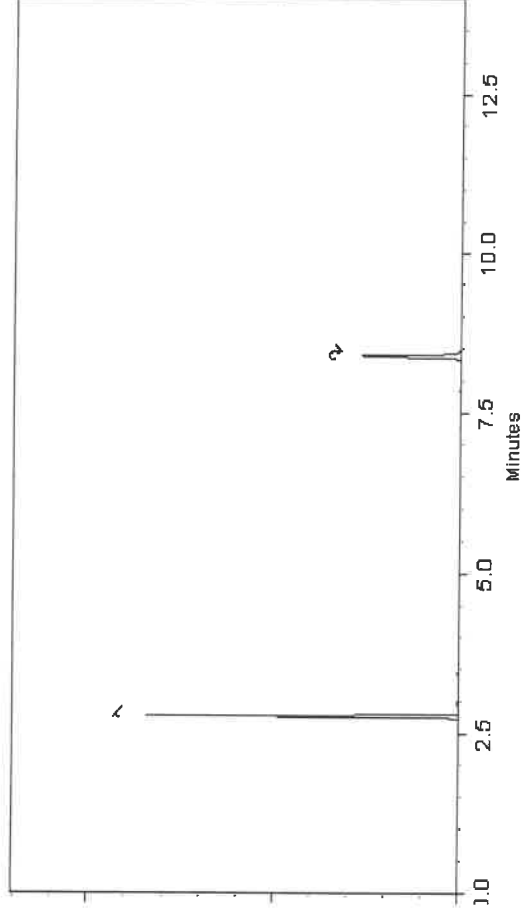
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32005 **Lot No.:** A0210240

Description : Toxaphene Standard
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13861
P13862

12/9/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

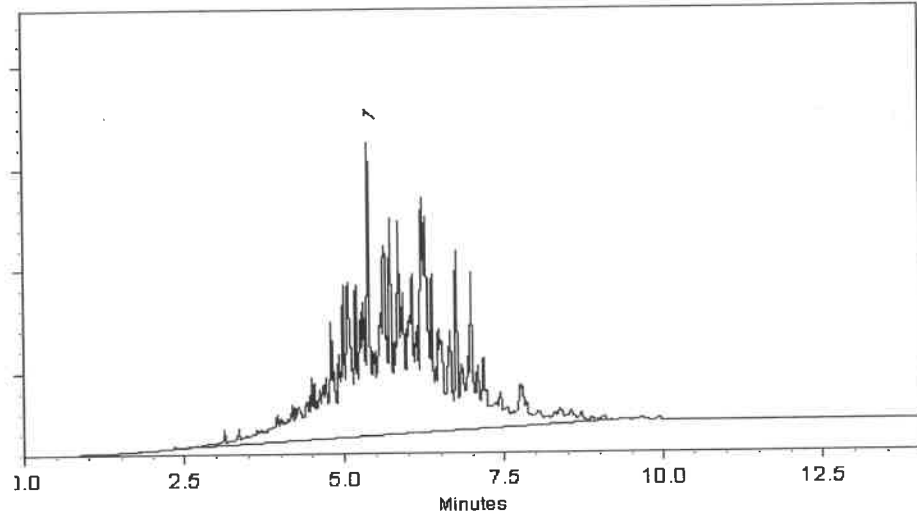
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

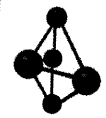

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P13861 } ②
P13862 }


12/9/2024



CERTIFIED WEIGHT REPORT

Part Number: **72072**
Lot Number: **112018**
Description: **n-Tetracosane-d50**

Expiration Date: **112028**
Recommended Storage: **Ambient (20 °C)**
Nominal Concentration (µg/mL): **1000**
NIST Test ID#: **2684186**

Weight(s) shown below were combined and diluted to (mL):

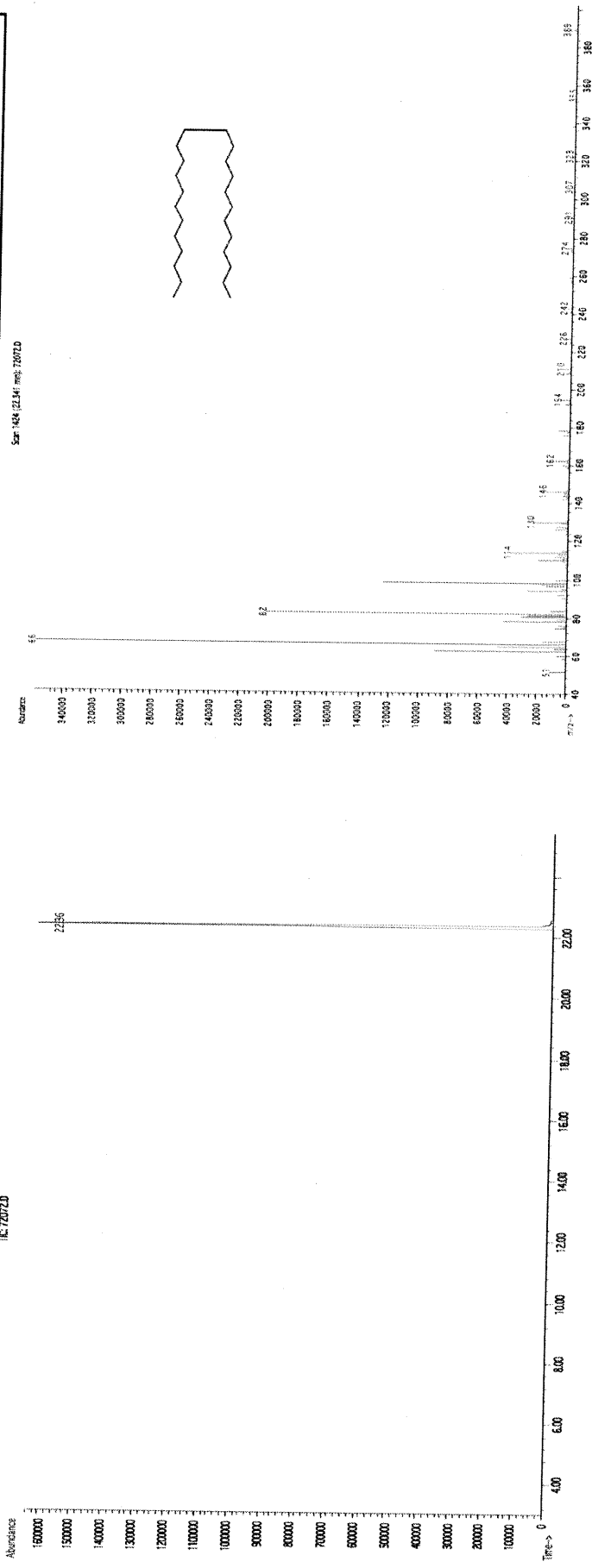
Solvent(s): **Methylene chloride**
Lot# **102669**

Received by
SG on 11/11/19
p9044-p9053
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

<i>Prashant Chauhan</i>	
Formulated By:	Prashant Chauhan
DATE	112018
<i>Pedro Rentas</i>	
Reviewed By:	Pedro Rentas
DATE	112018

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty	Target Weight (g)	Actual Weight (g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	18416-32-3 N/A
Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.										

TC 720720



• The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
• Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
• All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
• Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.

Created: Thu, Nov 22, 2018 at 7:23:18 AM.

Sampled: Sequence "112018-GC4M1", Method "GC4-M1".

Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier

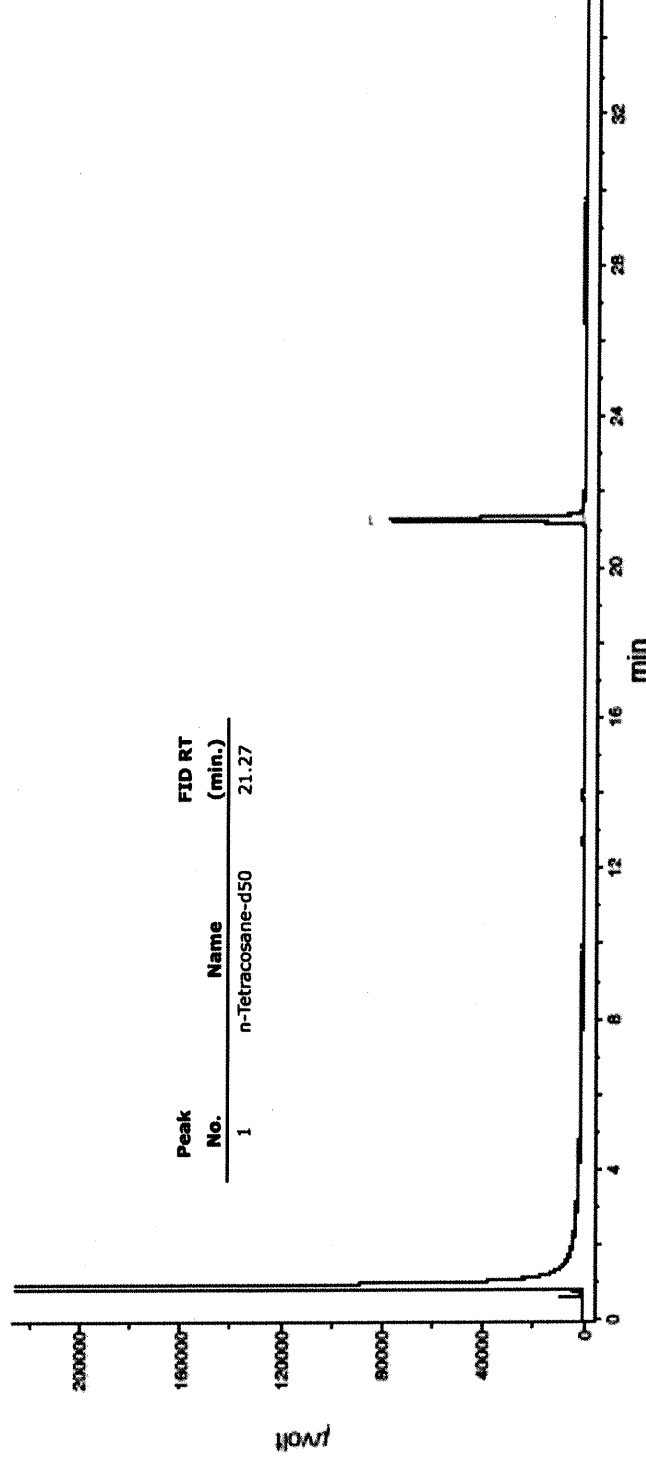
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

Flow rates: Total Flow = 300 mL/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) = 360 mL

Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.

Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDAQ Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3



n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2236

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: 3 DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format

ANALYSIS

TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease
1	2	3	4	5	6	7	8	9

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	
1.	WC-A4-05A-G	Soil		X	6/4	12:00	1	X									
2.	WC-A4-05A-C	Soil	X		6/4	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A2-04-G	Soil		X	6/4	12:00	1	X									
4.	WC-A2-04-C	Soil	X		6/4	12:00	11		X	X	X	X	X	X	X	X	
5.	WC-A2-05-G	Soil		X	6/4	12:00	1	X									
6.	WC-A2-05-C	Soil	X		6/4	12:00	11		X	X	X	X	X	X	X	X	
7.	WC-A2-06-G	Soil		X	6/4	12:00	1	X									
8.	WC-A2-06-C	Soil	X		6/4	12:00	11		X	X	X	X	X	X	X	X	
9.	WC-A2-07-G	Soil		X	6/4	12:00	1	X									
10.	WC-A2-07-C	Soil	X		6/4	12:00	11		X	X	X	X	X	X	X	X	

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 6/4 11:00	RECEIVED BY 1. [Signature] 64.25	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.4 ☐ Ice in Cooler? _____
RELINQUISHED BY	DATE/TIME	RECEIVED BY	Comments:
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.	6.4.25	3.	

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2236

COC Number: 2042113

Page 2 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Austin Farmerie

PHONE: 412-716-1366

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Austin Farmerie

E-MAIL: afarmerie@entact.com

PHONE: 412-716-1366

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

ANALYSIS

ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter		
10	11	12	13	14	15	16		

DATA TURNAROUND INFORMATION

FAX: 3 DAYS*
HARD COPY: 3 DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
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PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E			
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	WC-A4-05A-G	Soil		X	5/6	12:00	1									
2.	WC-A4-05A-C	Soil	X		5/6	12:00	11	X	X	X	X	X	X	X		
3.	WC-A2-04-G	Soil		X	5/7	12:00	1									
4.	WC-A2-04-C	Soil	X		5/7	12:00	11	X	X	X	X	X	X	X		
5.	WC-A2-05-G	Soil		X	5/8	12:00	1									
6.	WC-A2-05-C	Soil	X		5/8	12:00	11	X	X	X	X	X	X	X		
7.	WC-A2-06-G	Soil		X	5/8	12:00	1									
8.	WC-A2-06-C	Soil	X		5/8	12:00	11	X	X	X	X	X	X	X		
9.	WC-A2-07-G	Soil		X	5/8	12:00	1									
10.	WC-A2-07-C	Soil	X		5/8	12:00	11	X	X	X	X	X	X	X		

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 6-4-25 1655	RECEIVED BY 	DATE/TIME 6-4-25 1655
RELINQUISHED BY 2.	DATE/TIME 	RECEIVED BY 	DATE/TIME
RELINQUISHED BY 	DATE/TIME 6-4-25 1830	RECEIVED FOR LAB BY 3.	DATE/TIME

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 4.4 ☐ Ice in Cooler? _____

Comments:

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

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