284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q2836

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

Client : ENTACT

Lab Sample Number	Client Sample Number
Q2836-01	WC-A2-15-G
Q2836-02	WC-A2-15-C
Q2836-03	WC-A2-15-C
Q2836-04	WC-A2-15-C
Q2836-05	WC-A2-16-G
Q2836-06	WC-A2-16-C
Q2836-07	WC-A2-16-C
Q2836-08	WC-A2-16-C
Q2836-09	WC-A2-17-G
Q2836-10	WC-A2-17-C
Q2836-11	WC-A2-17-C
Q2836-12	WC-A2-17-C
Q2836-13	WC-A5-02-G
Q2836-14	WC-A5-02-C
Q2836-15	WC-A5-02-C
Q2836-16	WC-A5-02-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: 8/21/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 is 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2836**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **PRADIP PRAJAPATI** **Date:** **08/21/2025**

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LAB CHRONICLE

OrderID:	Q2836	**OrderDate:**	8/12/2025 12:23:00 PM
Client:	ENTACT	**Project:**	540 Degraw St, Brooklyn, NY - E9309
Contact:	Austin Farmerie	**Location:**	J23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2836-02	**WC-A2-15-C**	**SOIL**			**08/12/25**			**08/12/25**
			PCB	8082A		08/13/25	08/13/25	
Q2836-03	**WC-A2-15-C**	**TCLP**			**08/12/25**			**08/12/25**
			TCLP Herbicide	8151A		08/15/25	08/15/25	
			TCLP Pesticide	8081B		08/15/25	08/15/25	
Q2836-06	**WC-A2-16-C**	**SOIL**			**08/12/25**			**08/12/25**
			PCB	8082A		08/13/25	08/13/25	
Q2836-07	**WC-A2-16-C**	**TCLP**			**08/12/25**			**08/12/25**
			TCLP Herbicide	8151A		08/15/25	08/18/25	
			TCLP Pesticide	8081B		08/15/25	08/15/25	
Q2836-10	**WC-A2-17-C**	**SOIL**			**08/12/25**			**08/12/25**
			PCB	8082A		08/13/25	08/13/25	
Q2836-11	**WC-A2-17-C**	**TCLP**			**08/12/25**			**08/12/25**
			TCLP Herbicide	8151A		08/15/25	08/18/25	
			TCLP Pesticide	8081B		08/15/25	08/15/25	
Q2836-14	**WC-A5-02-C**	**SOIL**			**08/12/25**			**08/12/25**
			PCB	8082A		08/13/25	08/13/25	
Q2836-15	**WC-A5-02-C**	**TCLP**			**08/12/25**			**08/12/25**
			TCLP Herbicide	8151A		08/15/25	08/18/25	
			TCLP Pesticide	8081B		08/15/25	08/15/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2836 **Order ID:** Q2836

Client: ENTACT **Project ID:** 540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2836

Client: ENTACT

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD089685.D	PIBLK-PD089685.D	Decachlorobiphen	1	20	20.9	104		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.6	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.9	104		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.4	102		30 (61)	150 (148)
I.BLK-PD089913.D	PIBLK-PD089913.D	Decachlorobiphen	1	20	19.6	98		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.3	96		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.1	116		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	24.5	123		30 (61)	150 (148)
Q2832-02MS	TG-S01MS	Decachlorobiphen	1	20	16.6	83		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.9	94		30 (61)	150 (148)
		Decachlorobiphen	2	20	17.4	87		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.7	113		30 (61)	150 (148)
Q2832-02MSD	TG-S01MSD	Decachlorobiphen	1	20	16.6	83		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.9	94		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.2	91		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.6	113		30 (61)	150 (148)
I.BLK-PD089925.D	PIBLK-PD089925.D	Decachlorobiphen	1	20	21.0	105		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.1	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.9	119		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	25.4	127		30 (61)	150 (148)
Q2836-03	WC-A2-15-C	Decachlorobiphen	1	20	19.6	98		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.1	91		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.6	113		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.3	117		30 (61)	150 (148)
Q2836-07	WC-A2-16-C	Decachlorobiphen	1	20	18.8	94		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.9	84		30 (61)	150 (148)
		Decachlorobiphen	2	20	21.7	108		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.1	100		30 (61)	150 (148)
Q2836-11	WC-A2-17-C	Decachlorobiphen	1	20	19.7	99		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.9	90		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.7	119		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.8	109		30 (61)	150 (148)
Q2836-15	WC-A5-02-C	Decachlorobiphen	1	20	18.6	93		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.3	91		30 (61)	150 (148)
		Decachlorobiphen	2	20	21.7	109		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.1	116		30 (61)	150 (148)
I.BLK-PD089934.D	PIBLK-PD089934.D	Decachlorobiphen	1	20	21.5	107		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.1	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.5	118		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	24.9	125		30 (61)	150 (148)
PB169263BL	PB169263BL	Decachlorobiphen	1	20	22.3	112		30 (57)	150 (171)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: Q2836

Client: ENTACT

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
PB169263BL	PB169263BL	Tetrachloro-m-xyl	1	20	20.4	102		30 (61)	150 (148)
		Decachlorobiphen	2	20	26.0	130		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	26.3	131		30 (61)	150 (148)
PB169263BS	PB169263BS	Decachlorobiphen	1	20	19.7	98		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.6	88		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.7	114		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.5	112		30 (61)	150 (148)
PB169212TB	PB169212TB	Decachlorobiphen	1	20	21.3	106		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.9	125		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	25.0	125		30 (61)	150 (148)
I.BLK-PD089945.D	PIBLK-PD089945.D	Decachlorobiphen	1	20	19.3	97		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.3	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.7	114		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	25.1	126		30 (61)	150 (148)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2836 **Analytical Method:** 8081B

Client: ENTACT **DataFile :** PD089920.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: **Q2832-02MS** **Client Sample ID:** **TG-S01MS** **(Column 1)**											
gamma-BHC (Lindane)	5	0	5.10	ug/L	102				30 (60)	150 (152)	
Heptachlor	5	0	4.60	ug/L	92				30 (56)	150 (147)	
Heptachlor epoxide	5	0	4.70	ug/L	94				30 (77)	150 (143)	
Endrin	5	0	4.70	ug/L	94				30 (76)	150 (144)	
Methoxychlor	5	0	4.30	ug/L	86				30 (70)	150 (142)	
Lab Sample ID: **Q2832-02MS** **Client Sample ID:** **TG-S01MS** **(Column 2)**											
gamma-BHC (Lindane)	5	0	5.90	ug/L	118				30 (60)	150 (152)	
Heptachlor	5	0	5.40	ug/L	108				30 (56)	150 (147)	
Heptachlor epoxide	5	0	5.80	ug/L	116				30 (77)	150 (143)	
Endrin	5	0	5.60	ug/L	112				30 (76)	150 (144)	
Methoxychlor	5	0	5.30	ug/L	106				30 (70)	150 (142)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2836 **Analytical Method:** 8081B

Client: ENTACT **DataFile :** PD089921.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q2832-02MSD (Column 1)**	**Client Sample ID:**		**TG-S01MSD**								
	gamma-BHC (Lindane)	5	0	5.10	ug/L	102		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	4.60	ug/L	92		0		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	4.80	ug/L	96		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	4.70	ug/L	94		0		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	4.30	ug/L	86		0		30 (70)	150 (142)	20 (20)
Lab Sample ID:	**Q2832-02MSD (Column 2)**	**Client Sample ID:**		**TG-S01MSD**								
	gamma-BHC (Lindane)	5	0	5.90	ug/L	118		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.50	ug/L	110		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.80	ug/L	116		0		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.80	ug/L	116		4		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.40	ug/L	108		2		30 (70)	150 (142)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2836 **Analytical Method:** 8081B

Client: ENTACT **Datafile :** PD089937.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169263BS (Column 1)	gamma-BHC (Lindane)	0.5	0.48	ug/L	96				40 (82)	140 (129)	
	Heptachlor	0.5	0.47	ug/L	94				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.47	ug/L	94				40 (81)	140 (124)	
	Endrin	0.5	0.46	ug/L	91				40 (81)	140 (128)	
	Methoxychlor	0.5	0.44	ug/L	87				40 (78)	140 (108)	
PB169263BS (Column 2)	gamma-BHC (Lindane)	0.5	0.58	ug/L	115				40 (82)	140 (129)	
	Heptachlor	0.5	0.56	ug/L	113				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.57	ug/L	115				40 (81)	140 (124)	
	Endrin	0.5	0.57	ug/L	114				40 (81)	140 (128)	
	Methoxychlor	0.5	0.56	ug/L	113				40 (78)	140 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB169263BL

Lab Name: Alliance | Contract: ENTA05

Lab Code: ACE | SDG NO.: Q2836

Lab Sample ID: PB169263BL | Lab File ID: PD089936.D

Matrix: (soil/water) water | Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N | Date Extracted: 08/15/2025

Date Analyzed (1): 08/15/2025 | Date Analyzed (2): 08/15/2025

Time Analyzed (1): 21:34 | Time Analyzed (2): 21:34

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
TG-S01MS	Q2832-02MS	PD089920.D	08/15/2025	08/15/2025
TG-S01MSD	Q2832-02MSD	PD089921.D	08/15/2025	08/15/2025
WC-A2-15-C	Q2836-03	PD089929.D	08/15/2025	08/15/2025
WC-A2-16-C	Q2836-07	PD089930.D	08/15/2025	08/15/2025
WC-A2-17-C	Q2836-11	PD089931.D	08/15/2025	08/15/2025
WC-A5-02-C	Q2836-15	PD089932.D	08/15/2025	08/15/2025
PB169263BS	PB169263BS	PD089937.D	08/15/2025	08/15/2025
PB169212TB	PB169212TB	PD089938.D	08/15/2025	08/15/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PD089938.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/15/25
Client Sample ID:	PB169212TB	SDG No.:	Q2836
Lab Sample ID:	PB169212TB	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
PD089938.D	1	08/15/25 09:50	08/15/25 22:02	PB169263

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	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.9		30 (57) - 150 (171)	125%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.0		30 (61) - 150 (148)	125%	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

Quantitation Report (QT Reviewed)

Sample Results: **PD089938.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 22:02
Operator : AR\AJ
Sample : PB169212TB
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169212TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	47921637	395.6E6	19.428	24.977 #
28)	SA Decachlor...	9.068	8.065	79067180	499.9E6	21.276	24.899
	Target Compounds						

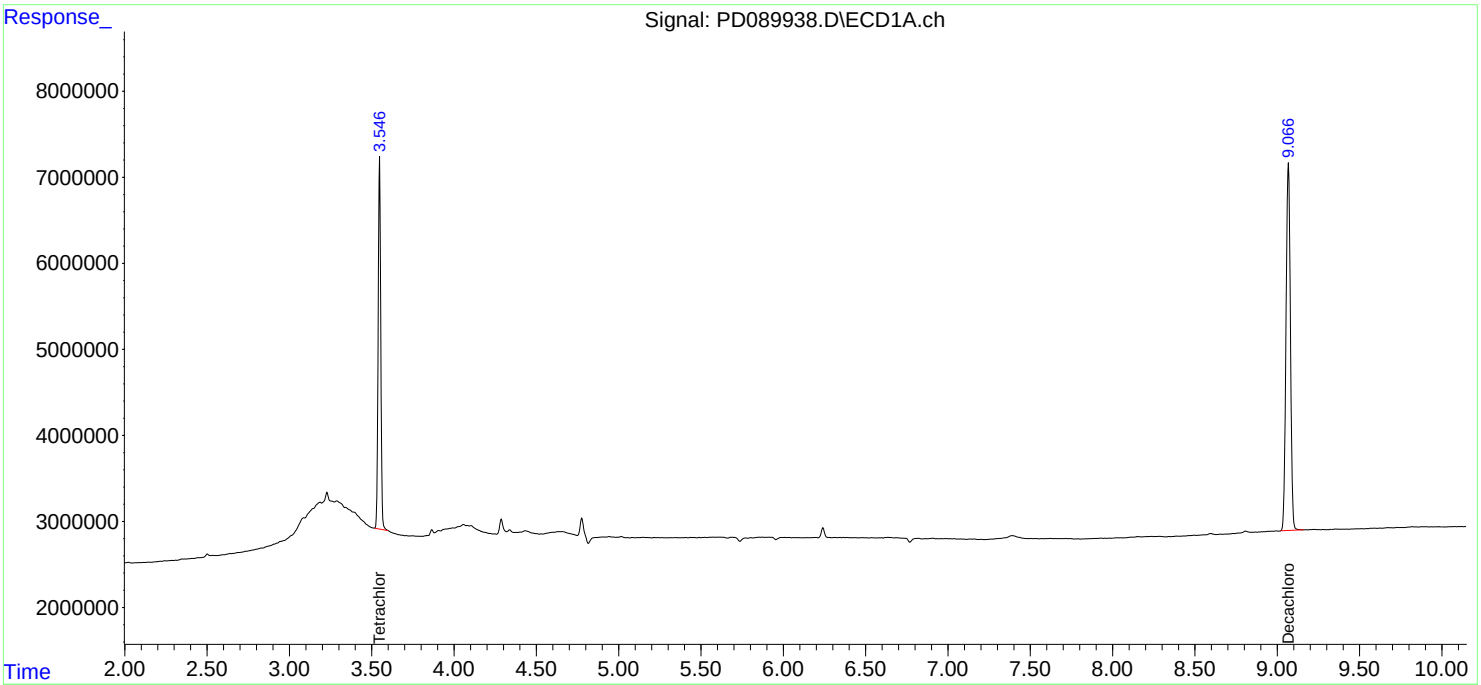
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

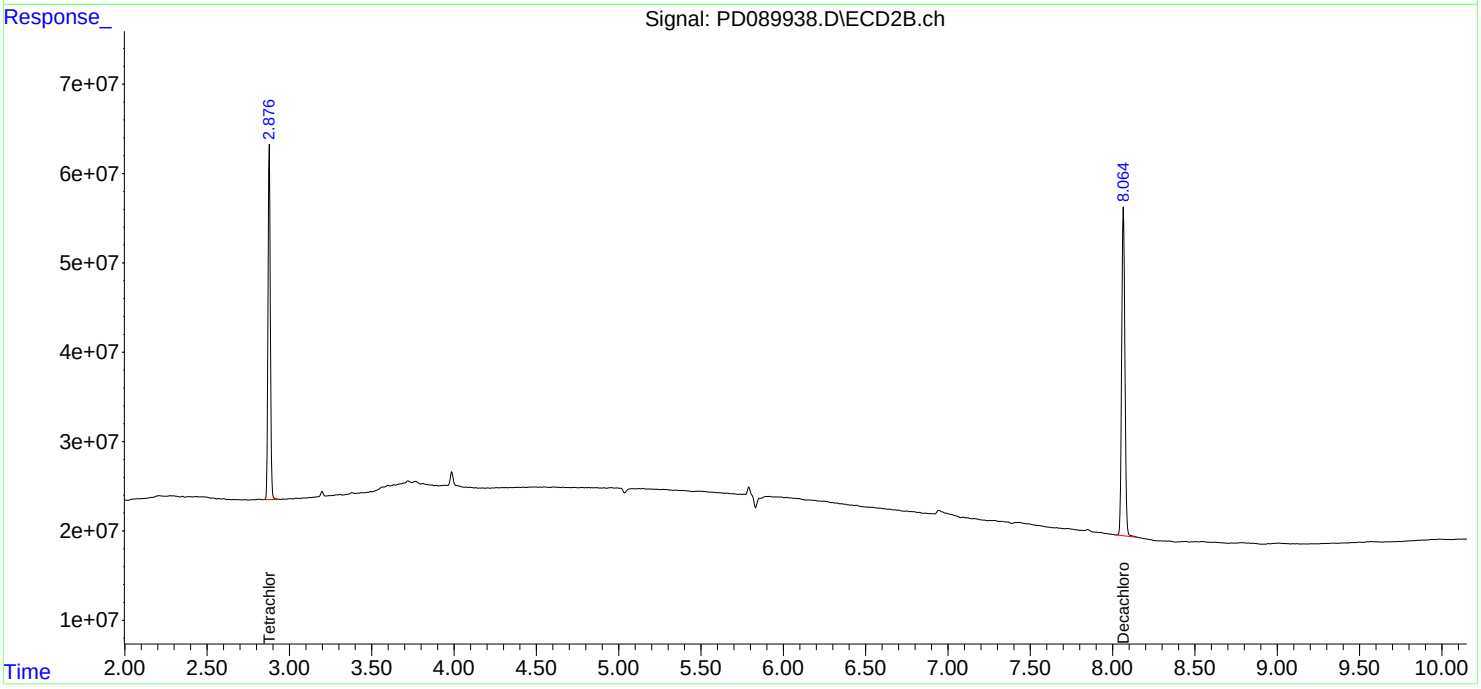
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 22:02
Operator : AR\AJ
Sample : PB169212TB
Misc :
ALS Vial : 29 Sample Multiplier: 1

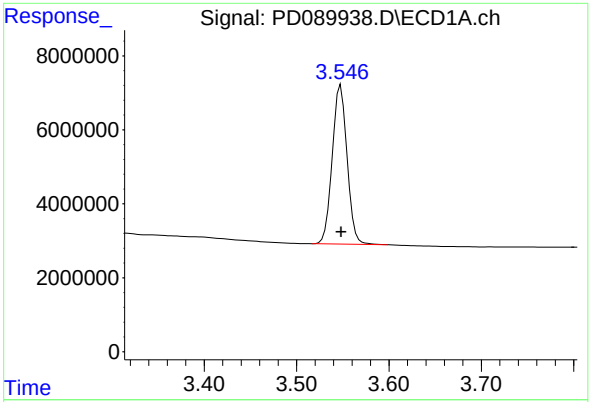
Instrument :
ECD_D
ClientSampleId :
PB169212TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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



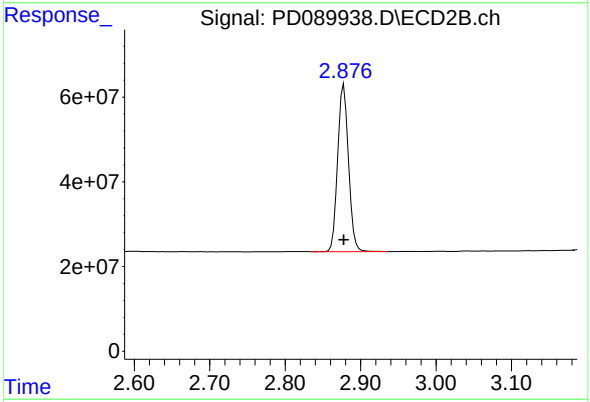




#1 Tetrachloro-m-xylene

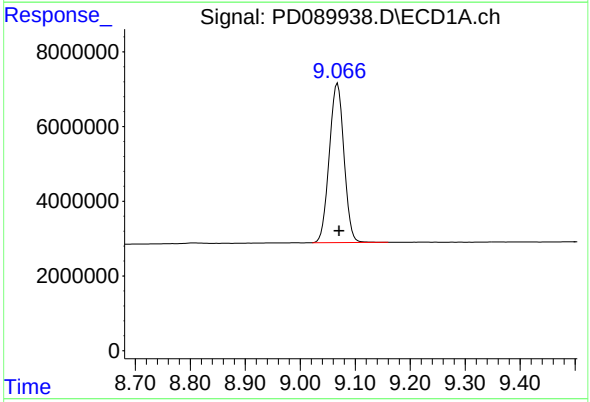
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 47921637
Conc: 19.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169212TB



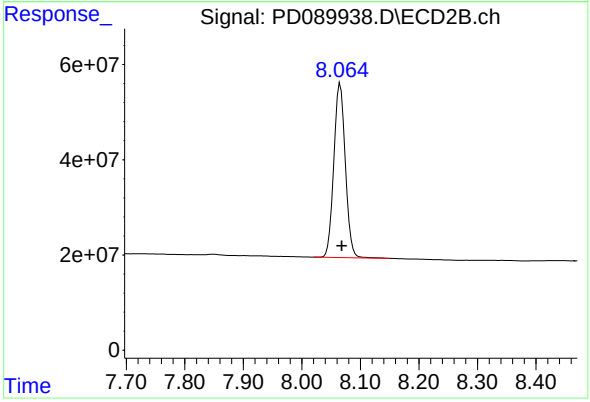
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 395577221
Conc: 24.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 79067180
Conc: 21.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 499916255
Conc: 24.90 ng/ml

Raw Data: **PD089929.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/12/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/12/25
Client Sample ID:	WC-A2-15-C	SDG No.:	Q2836
Lab Sample ID:	Q2836-03	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
PD089929.D	1	08/15/25 09:50	08/15/25 19:17	PB169263

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	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.6		30 (57) - 150 (171)	113%	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\PD081625\
Data File : PD089929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:17
Operator : AR\AJ
Sample : Q2836-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-15-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	44635187	369.6E6	18.096	23.337 #
28)	SA Decachlor...	9.068	8.066	72801468	454.5E6	19.590	22.635
	Target Compounds						

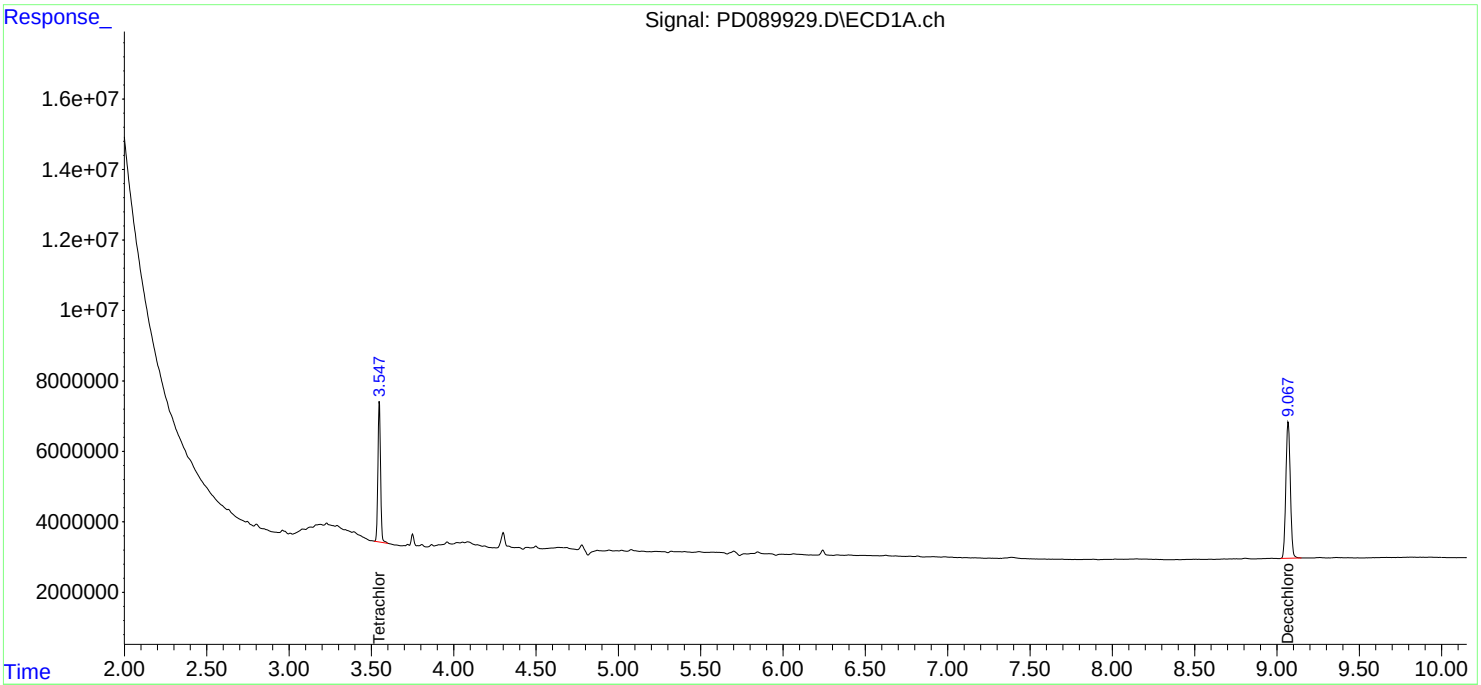
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

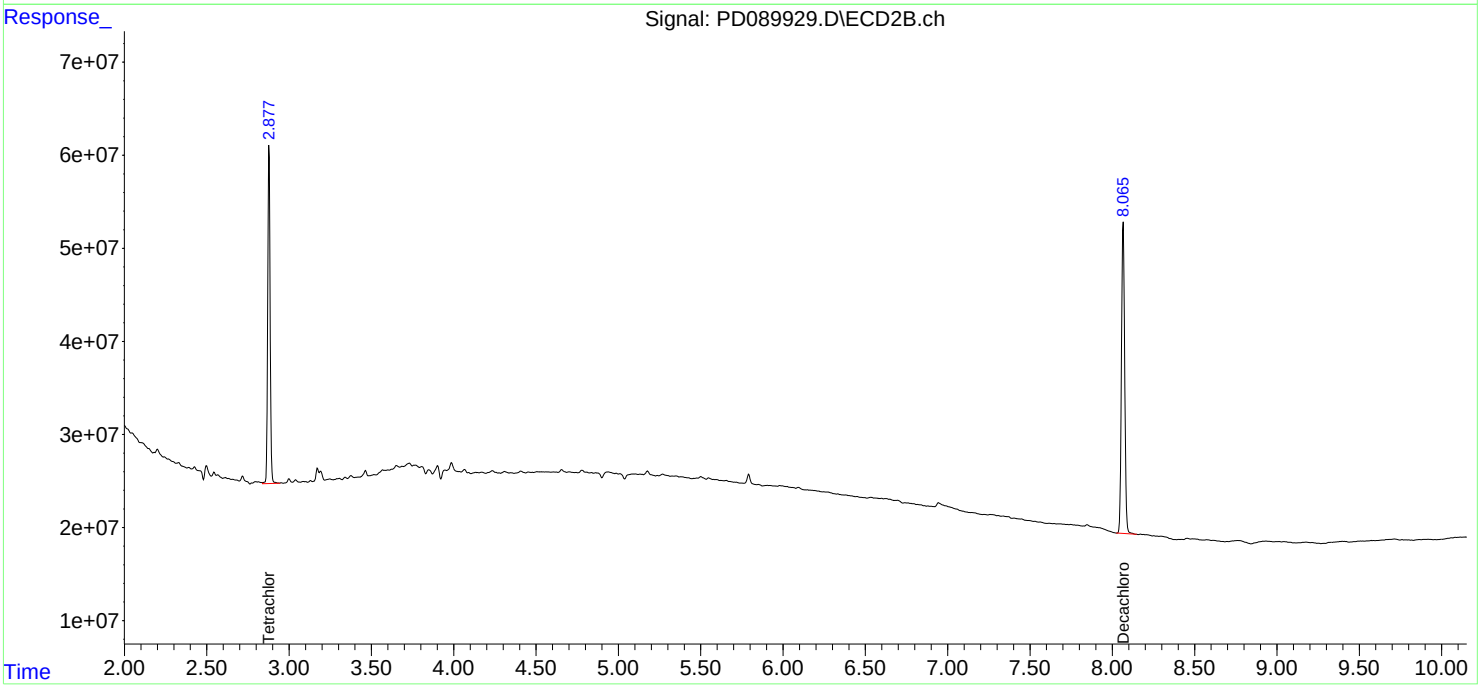
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:17
Operator : AR\AJ
Sample : Q2836-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

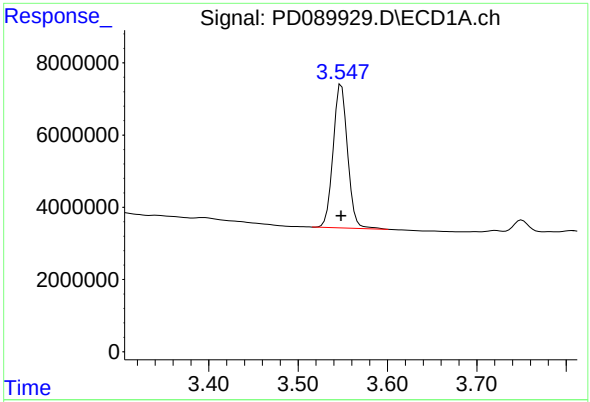
Instrument :
ECD_D
ClientSampleId :
WC-A2-15-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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 0.25µm



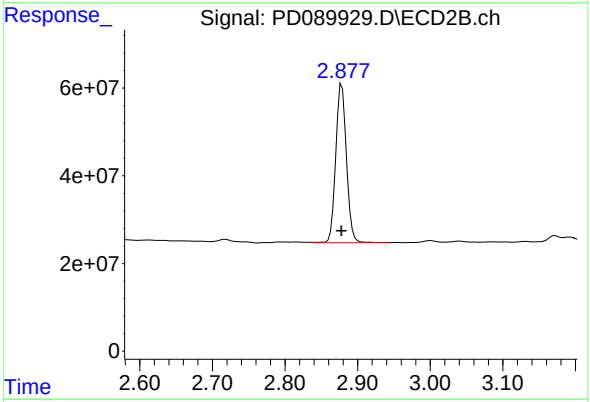




#1 Tetrachloro-m-xylene

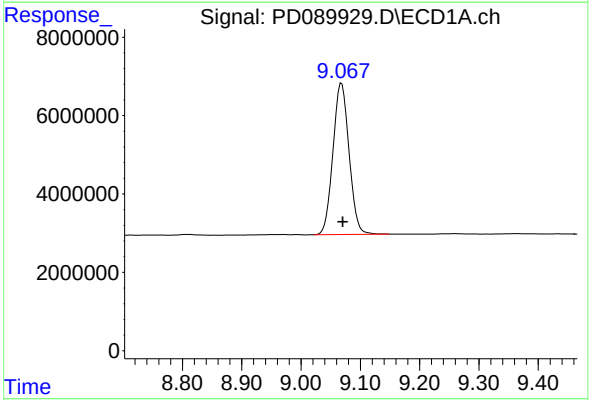
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 44635187
Conc: 18.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A2-15-C



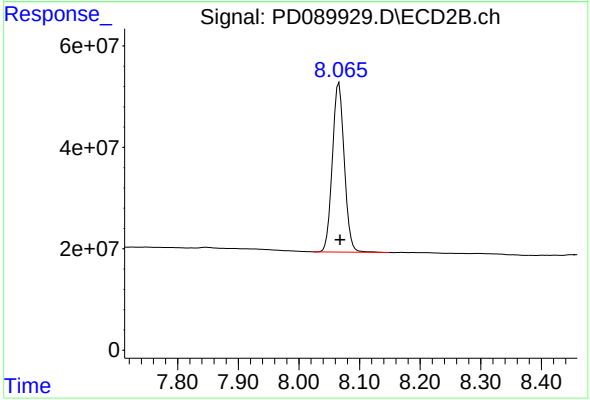
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 369600819
Conc: 23.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 72801468
Conc: 19.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 454465503
Conc: 22.64 ng/ml

Raw Data: **PD089930.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/12/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/12/25
Client Sample ID:	WC-A2-16-C	SDG No.:	Q2836
Lab Sample ID:	Q2836-07	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
PD089930.D	1	08/15/25 09:50	08/15/25 19:31	PB169263

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	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.7		30 (57) - 150 (171)	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (61) - 150 (148)	100%	SPK: 20

Comments:

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

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

Quantitation Report (QT Reviewed)

Sample Results: **PD089930.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:31
Operator : AR\AJ
Sample : Q2836-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-16-C

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.877	41621081	317.9E6	16.874	20.075m
28)	SA Decachlor...	9.068	8.065	69722581	435.5E6	18.762	21.690
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:31
Operator : AR\AJ
Sample : Q2836-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

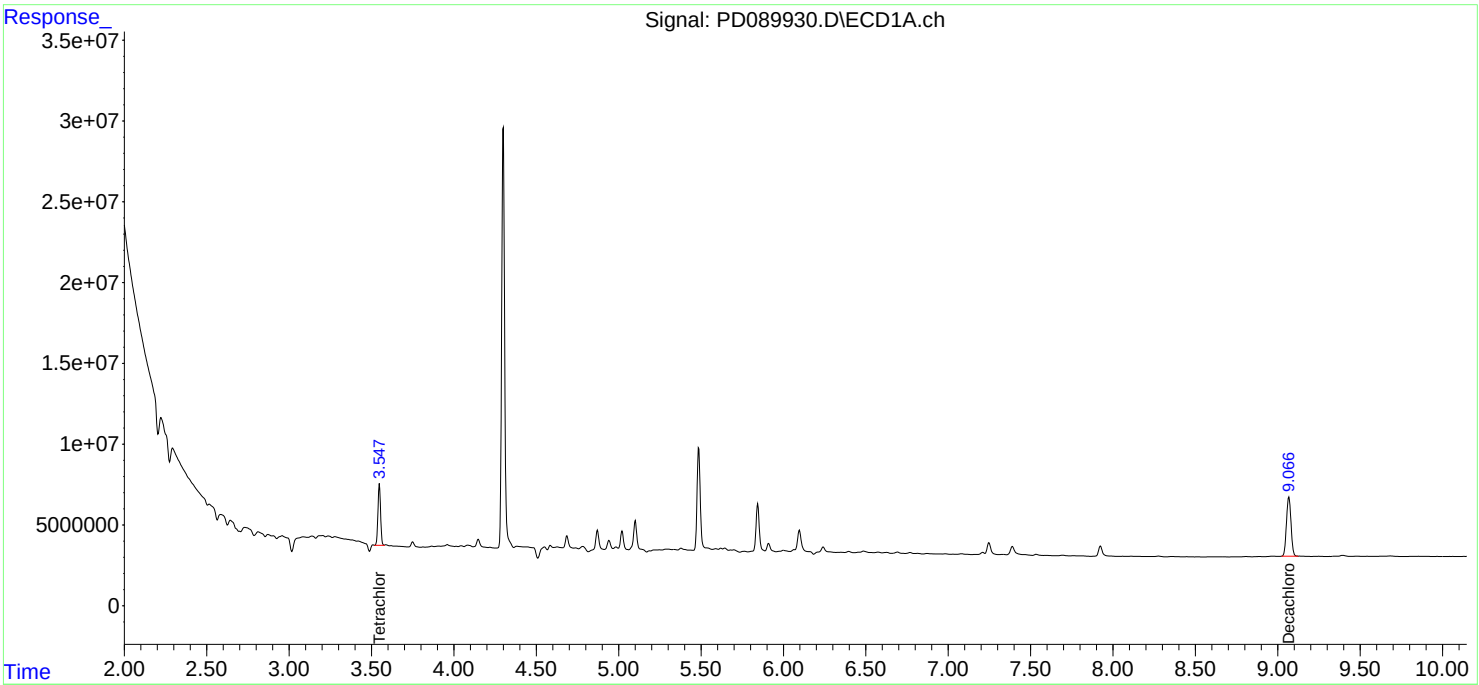
Instrument :
ECD_D
ClientSampleId :
WC-A2-16-C

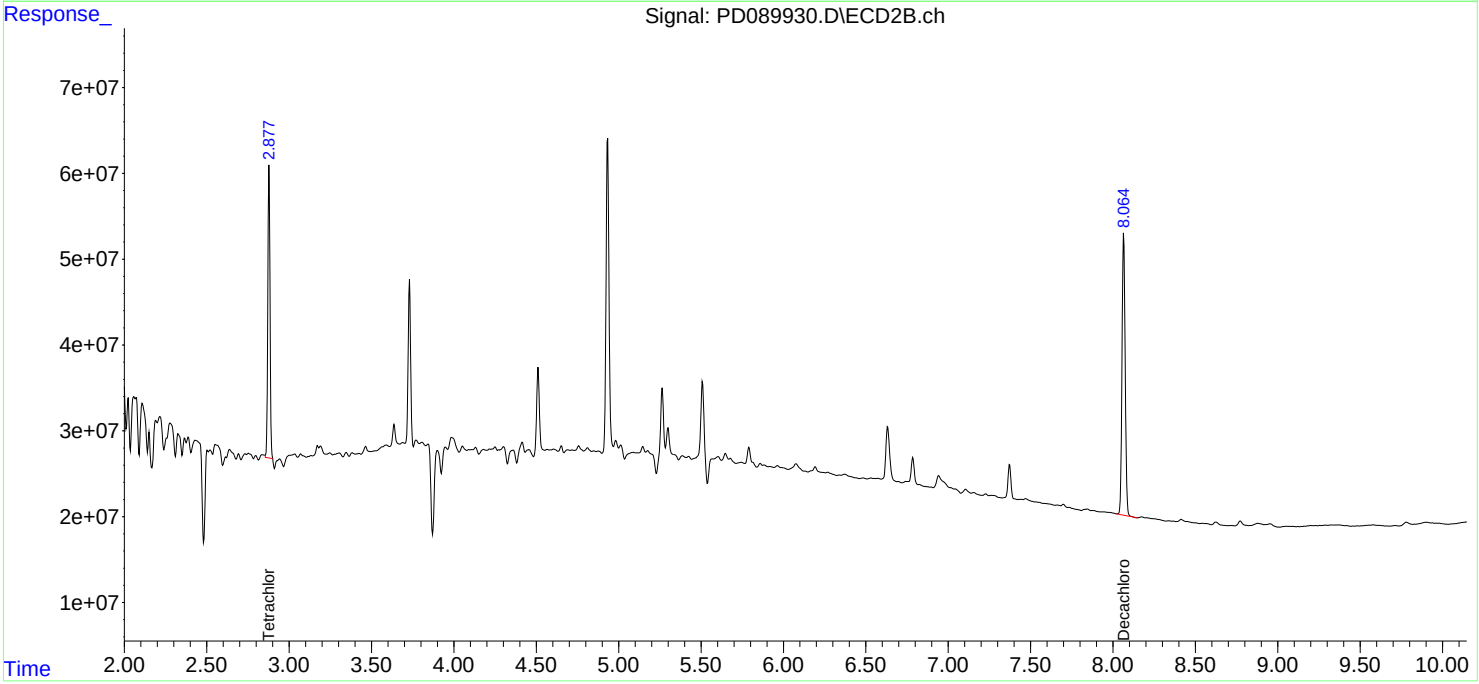
Manual Integrations APPROVED

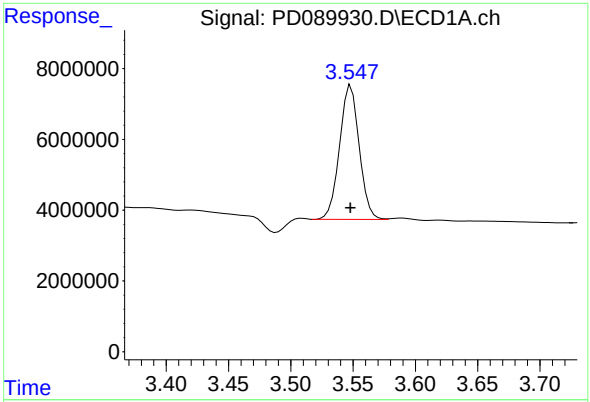
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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







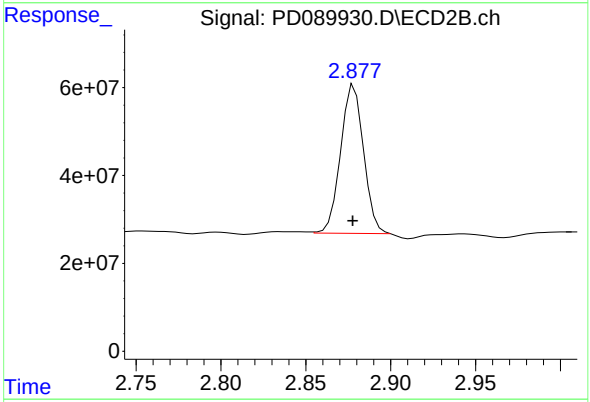
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 41621081
Conc: 16.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A2-16-C

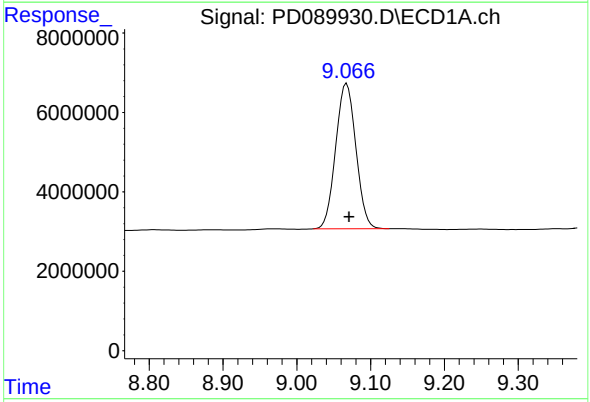
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



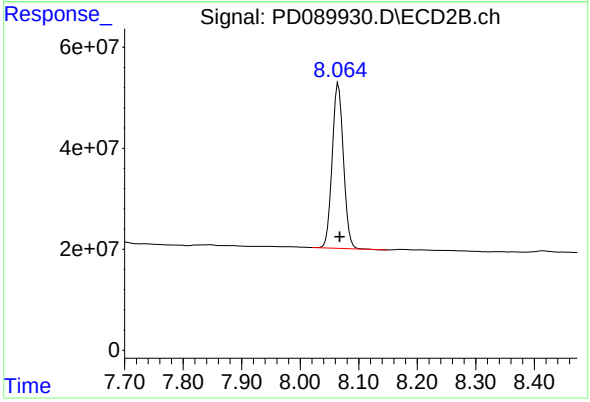
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 317948635
Conc: 20.08 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 69722581
Conc: 18.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 435491301
Conc: 21.69 ng/ml

Raw Data: **PD089931.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/12/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/12/25
Client Sample ID:	WC-A2-17-C	SDG No.:	Q2836
Lab Sample ID:	Q2836-11	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
PD089931.D	1	08/15/25 09:50	08/15/25 19:45	PB169263

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	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.7		30 (57) - 150 (171)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		30 (61) - 150 (148)	109%	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

Sample Results: **PD089931.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:45
Operator : AR\AJ
Sample : Q2836-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A2-17-C

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.877	44249181	345.8E6	17.939	21.835m
28)	SA Decachlor...	9.066	8.066	73297122	476.1E6	19.723	23.713
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:45
Operator : AR\AJ
Sample : Q2836-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

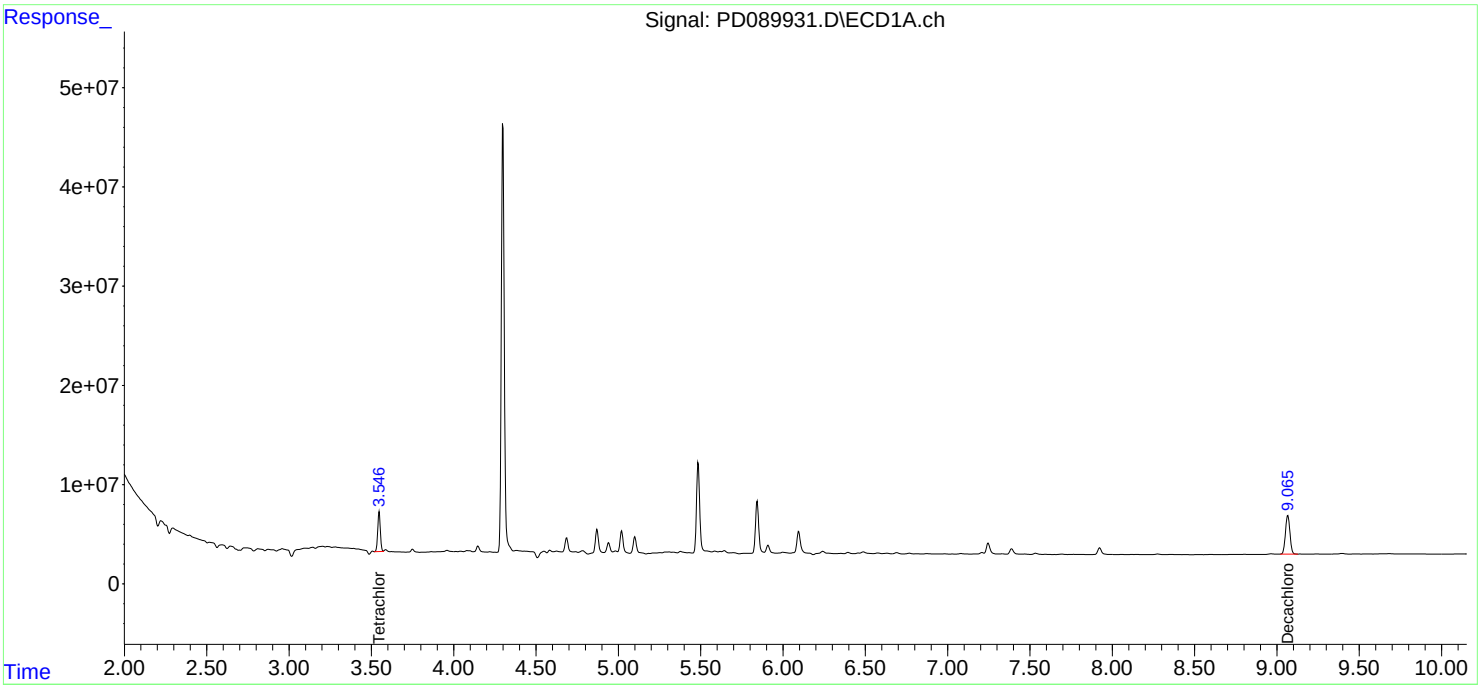
Instrument :
ECD_D
ClientSampleId :
WC-A2-17-C

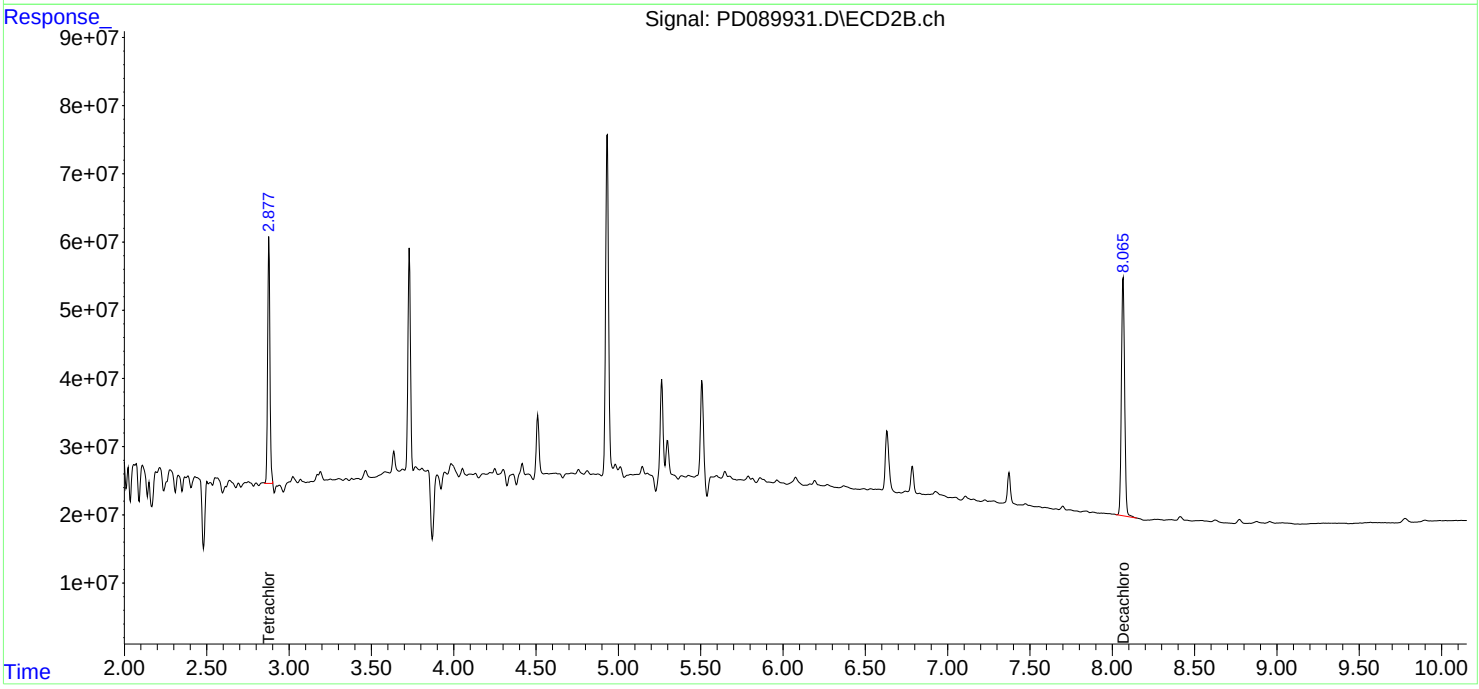
Manual Integrations APPROVED

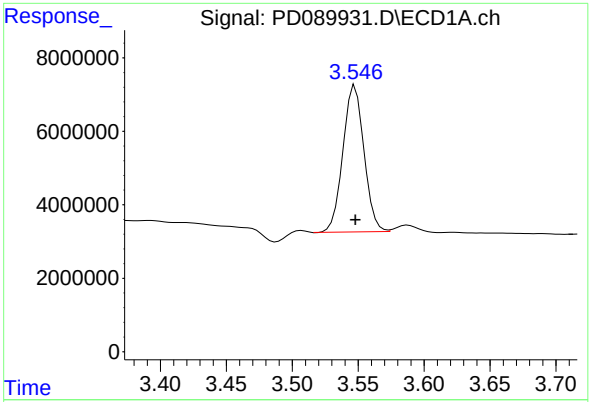
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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







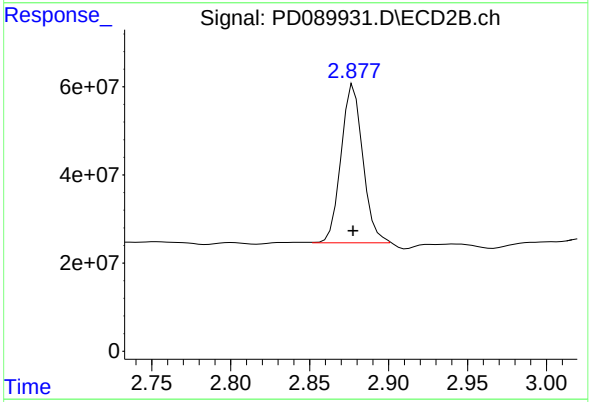
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 44249181
Conc: 17.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A2-17-C

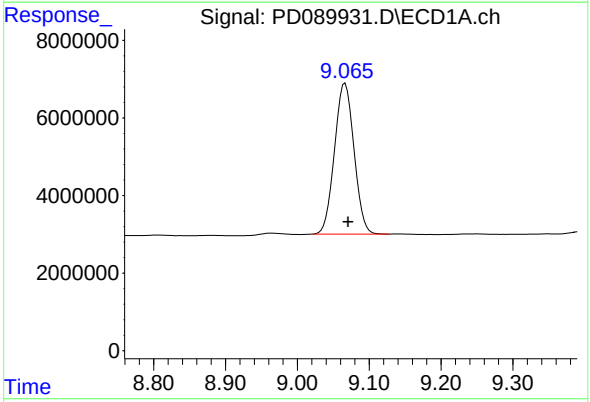
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



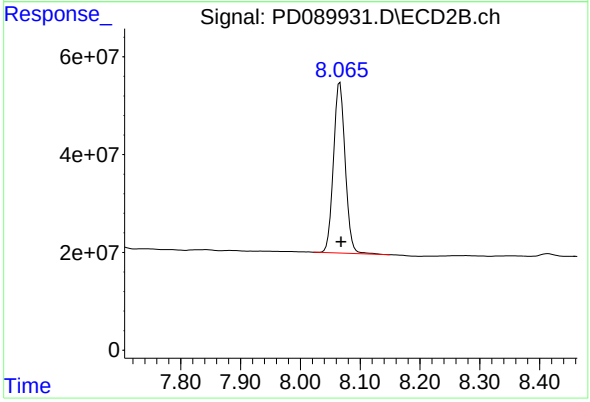
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 345814793
Conc: 21.83 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.004 min
Response: 73297122
Conc: 19.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 476118493
Conc: 23.71 ng/ml

Raw Data: **PD089932.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/12/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/12/25
Client Sample ID:	WC-A5-02-C	SDG No.:	Q2836
Lab Sample ID:	Q2836-15	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
PD089932.D	1	08/15/25 09:50	08/15/25 19:58	PB169263

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	0.0000017	U	0.0000017	0.000010	mg/L
57-74-9	Chlordane	0.000074	U	0.000074	0.0010	mg/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.7		30 (57) - 150 (171)	109%	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

Sample Results: **PD089932.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:58
Operator : AR\AJ
Sample : Q2836-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
WC-A5-02-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	45076212	366.6E6	18.275	23.144 #
28)	SA Decachlor...	9.068	8.066	69254599	436.1E6	18.636	21.719
	Target Compounds						

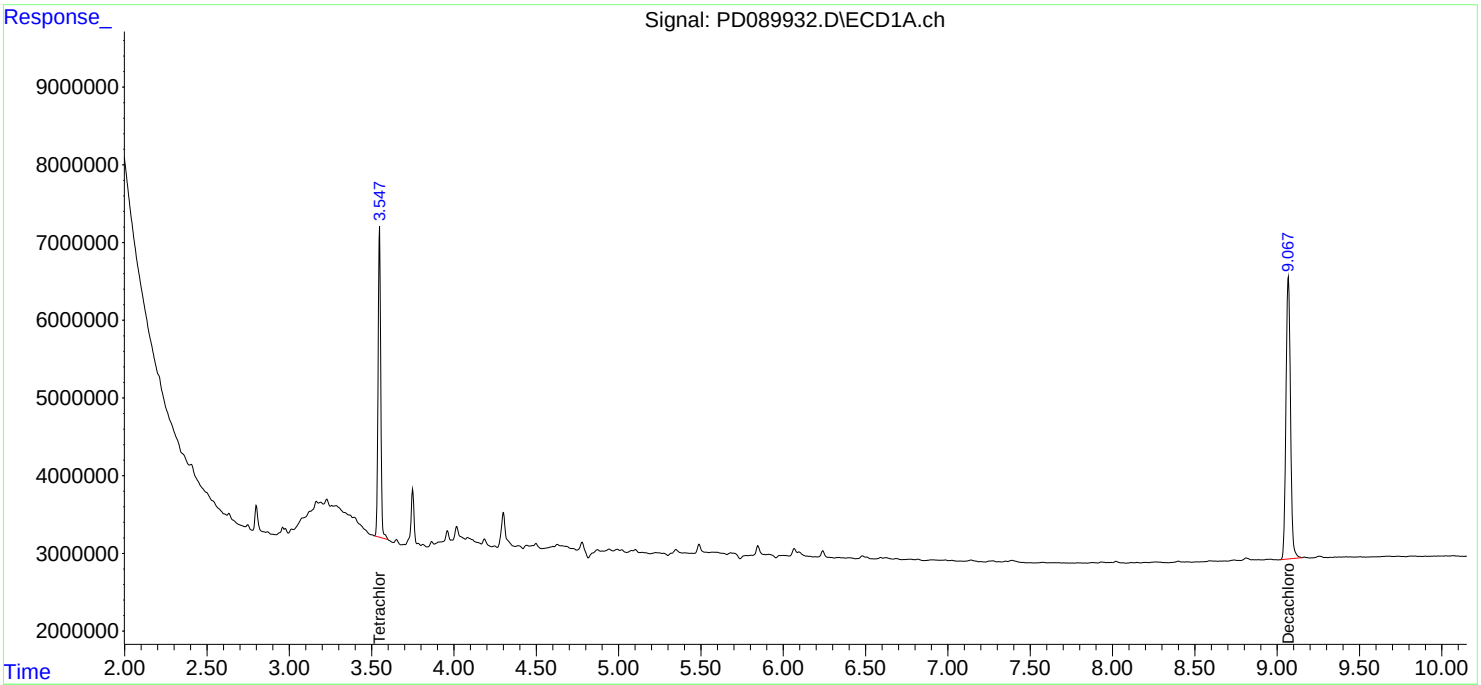
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

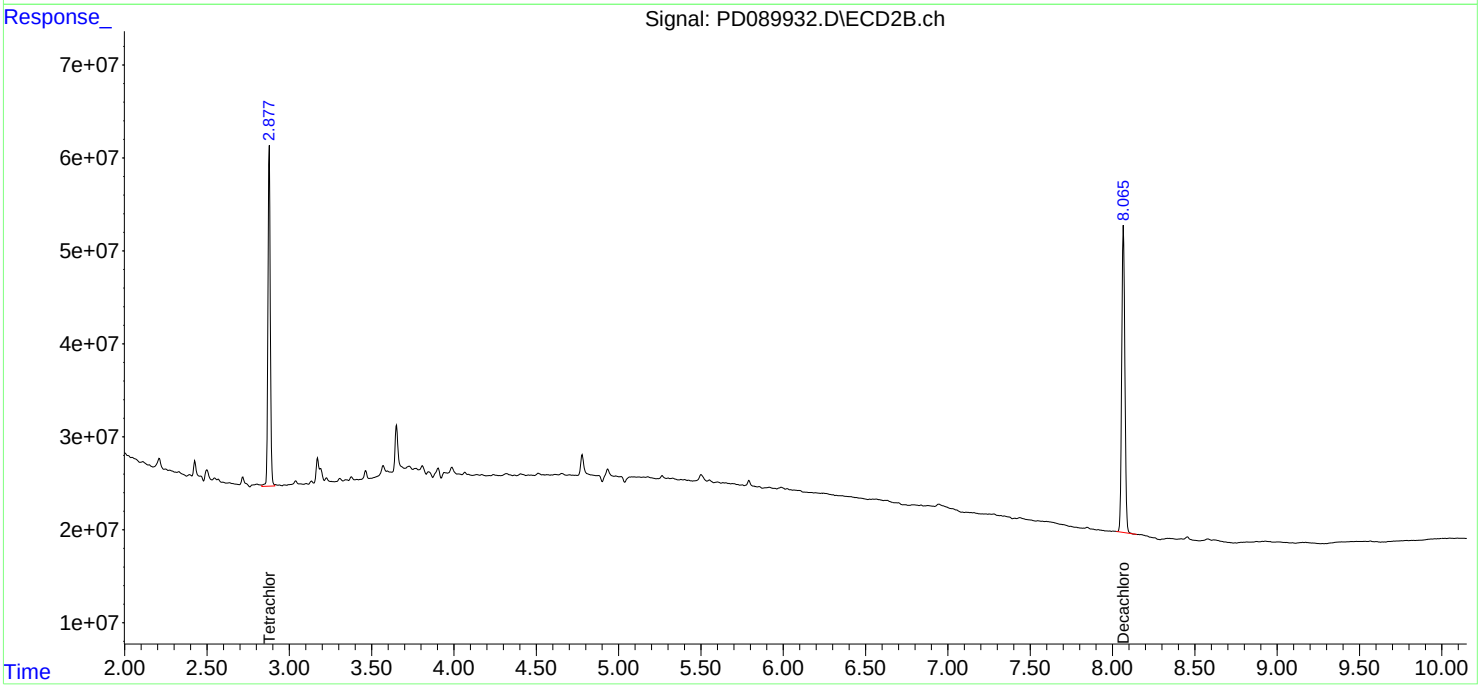
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:58
Operator : AR\AJ
Sample : Q2836-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

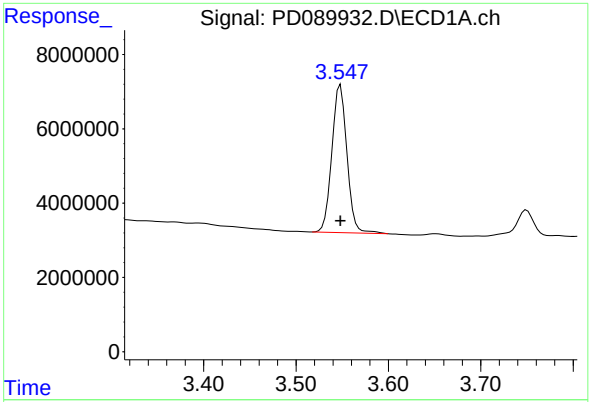
Instrument :
ECD_D
ClientSampleId :
WC-A5-02-C

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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



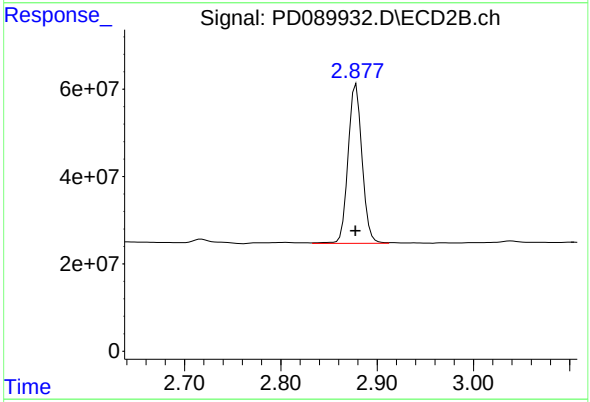




#1 Tetrachloro-m-xylene

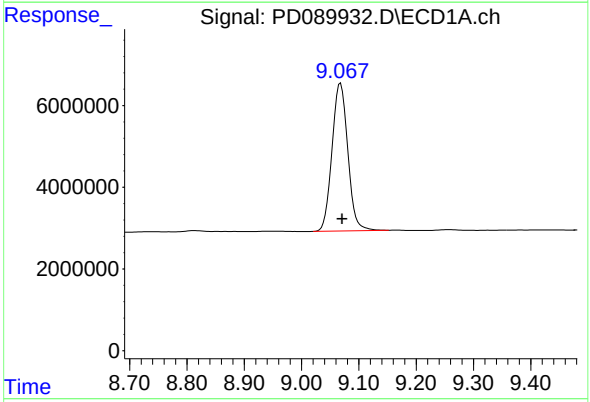
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 45076212
Conc: 18.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-A5-02-C



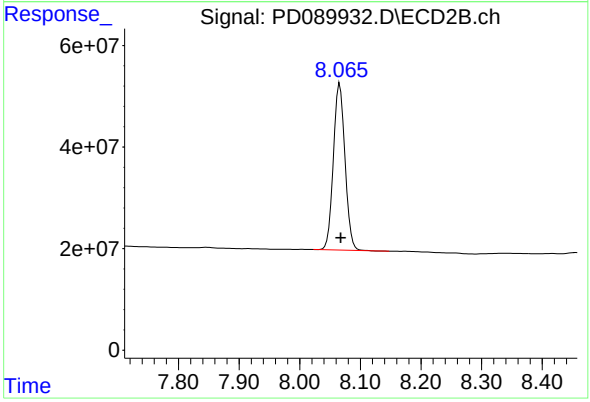
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 366554289
Conc: 23.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 69254599
Conc: 18.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 436073576
Conc: 21.72 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Instrument ID: ECD_D **Calibration Date(s):** 07/31/2025 07/31/2025

Calibration Times: 11:47 12:41

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

LAB FILE ID: RT 100 = PD089688.D RT 075 = PD089689.D

RT 050 = PD089690.D RT 025 = PD089691.D RT 005 = PD089692.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Instrument ID: ECD_D **Calibration Date(s):** 07/31/2025 07/31/2025

Calibration Times: 11:47 12:41

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

LAB FILE ID: RT 100 = PD089688.D RT 075 = PD089689.D

RT 050 = PD089690.D RT 025 = PD089691.D RT 005 = PD089692.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Endrin	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
gamma-BHC (Lindane)	3.73	3.73	3.73	3.73	3.73	3.73	3.63	3.83
Heptachlor	4.08	4.08	4.08	4.08	4.08	4.08	3.98	4.18
Heptachlor epoxide	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Methoxychlor	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ENTA05
SDG NO.: Q2836
Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

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

LAB FILE ID: **CF 100 =** PD089688.D **CF 075 =** PD089689.D
CF 050 = PD089690.D **CF 025 =** PD089691.D **CF 005 =** PD089692.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3483240000	3499950000	3619460000	3726220000	4252410000	3716260000	8
Endrin	3787000000	3635450000	3585320000	3393750000	3487070000	3577720000	4
gamma-BHC (Lindane)	5133650000	4854210000	4821480000	4482000000	4470410000	4752350000	6
Heptachlor	5124730000	4899870000	4838360000	4560780000	4633880000	4811520000	5
Heptachlor epoxide	4345440000	4178710000	4148850000	3977860000	4252730000	4180720000	3
Methoxychlor	1771080000	1750920000	1777320000	1770160000	1870390000	1787970000	3
Tetrachloro-m-xylene	2500060000	2427080000	2456600000	2403480000	2545710000	2466590000	2

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: ENTA05
SDG NO.: Q2836
Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

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

LAB FILE ID: **CF 100 =** PD089688.D **CF 075 =** PD089689.D
CF 050 = PD089690.D **CF 025 =** PD089691.D **CF 005 =** PD089692.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	19095200000	18752300000	19614700000	20093800000	22833900000	20078000000	8
Endrin	18955800000	18701800000	19397300000	19737400000	22833500000	19925200000	8
gamma-BHC (Lindane)	22053600000	21570700000	22138000000	22412100000	24446000000	22524100000	5
Heptachlor	22407100000	22028400000	22731800000	23177700000	25700800000	23209200000	6
Heptachlor epoxide	19711600000	19404700000	20096200000	20688400000	22848400000	20549800000	7
Methoxychlor	9410250000	9296740000	9702690000	9950740000	10617100000	9795500000	5
Tetrachloro-m-xylene	15162800000	14913400000	15457700000	15824900000	17830500000	15837800000	7

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Instrument ID: ECD_D **Date(s) Analyzed:** 07/31/2025 07/31/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.71	4.61	4.81	168988000
		2	5.24	5.14	5.34	170278000
		3	5.94	5.84	6.04	702984000
		4	6.03	5.93	6.13	852664000
		5	6.87	6.77	6.97	145967000
Toxaphene	500	1	6.24	6.14	6.34	34887000
		2	6.44	6.34	6.54	46683300
		3	7.15	7.05	7.25	91652600
		4	7.56	7.46	7.66	120732000
		5	7.93	7.83	8.03	68165800

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Instrument ID: ECD_D **Date(s) Analyzed:** 07/31/2025 07/31/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.90	3.80	4.00	745334000
		2	4.48	4.38	4.58	777672000
		3	5.12	5.02	5.22	2340540000
		4	5.19	5.09	5.29	2010150000
		5	6.09	5.99	6.19	925042000
Toxaphene	500	1	5.47	5.37	5.57	159990000
		2	5.64	5.54	5.74	108562000
		3	6.75	6.65	6.85	519577000
		4	7.19	7.09	7.29	361556000
		5	7.32	7.22	7.42	254114000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 11:47
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: Aug 01 06:03:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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	2.877	250.0E6	1516.3E6	101.769	98.092
28)	SA Decachlor...	9.072	8.068	348.3E6	1909.5E6	96.236	97.351
	Target Compounds						
2)	A alpha-BHC	3.998	3.390	547.4E6	2388.1E6	108.020	99.616
3)	MA gamma-BHC...	4.329	3.726	513.4E6	2205.4E6	106.475	99.619
4)	MA Heptachlor	4.928	4.079	512.5E6	2240.7E6	105.919	98.571
5)	MB Aldrin	5.269	4.365	487.5E6	2165.7E6	105.943	99.021
6)	B beta-BHC	4.515	4.022	183.5E6	915.8E6	100.635	97.407
7)	B delta-BHC	4.763	4.258	503.3E6	2221.1E6	107.623	99.433
8)	B Heptachlo...	5.689	4.869	434.5E6	1971.2E6	104.739	98.086
9)	A Endosulfan I	6.073	5.243	408.8E6	1871.0E6	103.749	97.985
10)	B gamma-Chl...	5.945	5.121	437.2E6	2093.9E6	104.922	98.851
11)	B alpha-Chl...	6.025	5.186	433.4E6	2001.7E6	103.753	98.554
12)	B 4,4'-DDE	6.194	5.371	400.4E6	2043.1E6	106.779	98.544
13)	MA Dieldrin	6.345	5.508	448.2E6	2096.4E6	105.766	98.708
14)	MA Endrin	6.573	5.785	378.7E6	1895.6E6	105.625	97.723
15)	B Endosulfa...	6.785	6.077	370.7E6	1807.1E6	102.908	98.240
16)	A 4,4'-DDD	6.704	5.926	317.1E6	1713.4E6	105.699	98.730
17)	MA 4,4'-DDT	7.020	6.180	354.8E6	1842.5E6	105.256	99.852
18)	B Endrin al...	6.914	6.255	253.1E6	1252.9E6	102.502	98.551
19)	B Endosulfa...	7.149	6.478	352.0E6	1784.3E6	102.563	98.378
20)	A Methoxychlor	7.492	6.750	177.1E6	941.0E6	99.649	96.986
21)	B Endrin ke...	7.630	6.987	380.4E6	1936.5E6	102.798	98.099
22)	Mirex	8.113	7.181	264.5E6	1440.6E6	97.646	97.171

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

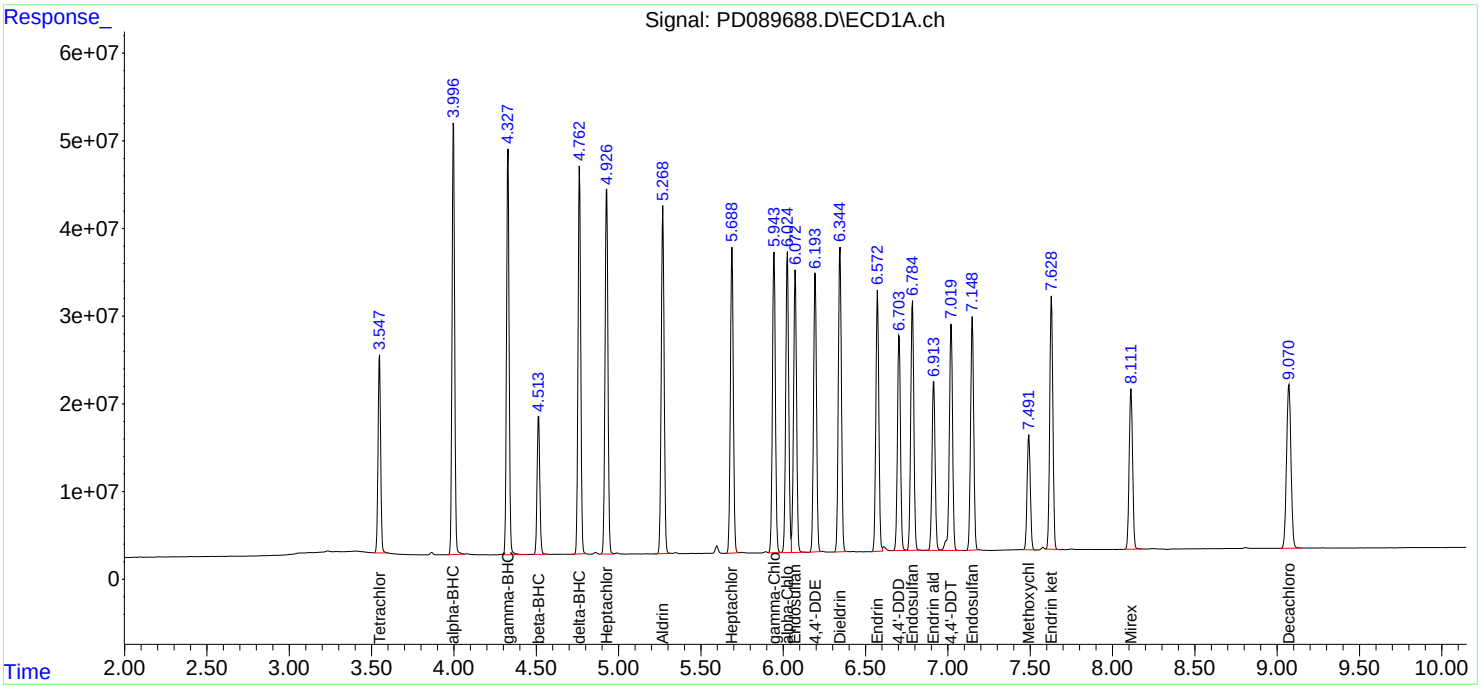
ICAL Form

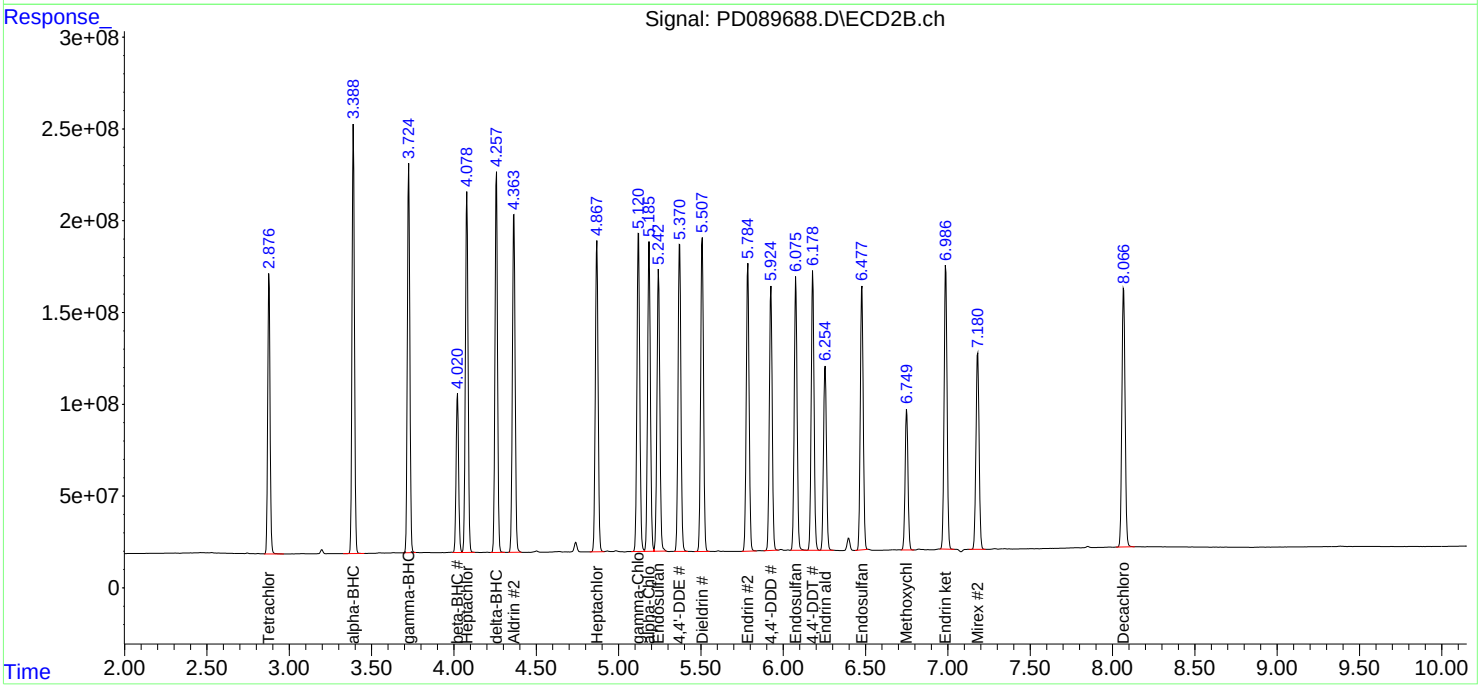
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 11:47
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:03:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:01
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/01/2025
Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:03:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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	2.878	182.0E6	1118.5E6	74.099	72.359
28)	SA Decachlor...	9.071	8.067	262.5E6	1406.4E6	72.524	71.702
	Target Compounds						
2)	A alpha-BHC	3.998	3.390	389.2E6	1750.2E6	76.799	73.008
3)	MA gamma-BHC...	4.327	3.727	364.1E6	1617.8E6	75.509m	73.078
4)	MA Heptachlor	4.927	4.079	367.5E6	1652.1E6	75.953	72.679
5)	MB Aldrin	5.269	4.365	349.2E6	1591.4E6	75.891	72.762
6)	B beta-BHC	4.514	4.022	134.4E6	678.1E6	73.687	72.127
7)	B delta-BHC	4.763	4.259	358.2E6	1631.4E6	76.586	73.032
8)	B Heptachlo...	5.689	4.869	313.4E6	1455.4E6	75.540	72.419
9)	A Endosulfan I	6.073	5.243	295.7E6	1384.3E6	75.057	72.494
10)	B gamma-Chl...	5.945	5.122	316.5E6	1536.8E6	75.953	72.551
11)	B alpha-Chl...	6.025	5.186	314.3E6	1475.9E6	75.227	72.665
12)	B 4,4'-DDE	6.194	5.371	286.3E6	1504.8E6	76.363	72.583
13)	MA Dieldrin	6.345	5.509	322.8E6	1541.4E6	76.176	72.575
14)	MA Endrin	6.572	5.785	272.7E6	1402.6E6	76.049	72.311
15)	B Endosulfa...	6.785	6.076	271.1E6	1331.9E6	75.250	72.403
16)	A 4,4'-DDD	6.703	5.925	228.6E6	1259.0E6	76.194	72.547
17)	MA 4,4'-DDT	7.019	6.179	256.2E6	1348.7E6	76.010	73.090
18)	B Endrin al...	6.913	6.255	183.3E6	916.8E6	74.217	72.118
19)	B Endosulfa...	7.148	6.479	257.0E6	1313.6E6	74.880	72.427
20)	A Methoxychlor	7.492	6.750	131.3E6	697.3E6	73.886	71.862
21)	B Endrin ke...	7.629	6.987	277.5E6	1426.8E6	74.979	72.278
22)	Mirex	8.112	7.181	197.2E6	1065.3E6	72.806	71.858

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089689.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:01
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

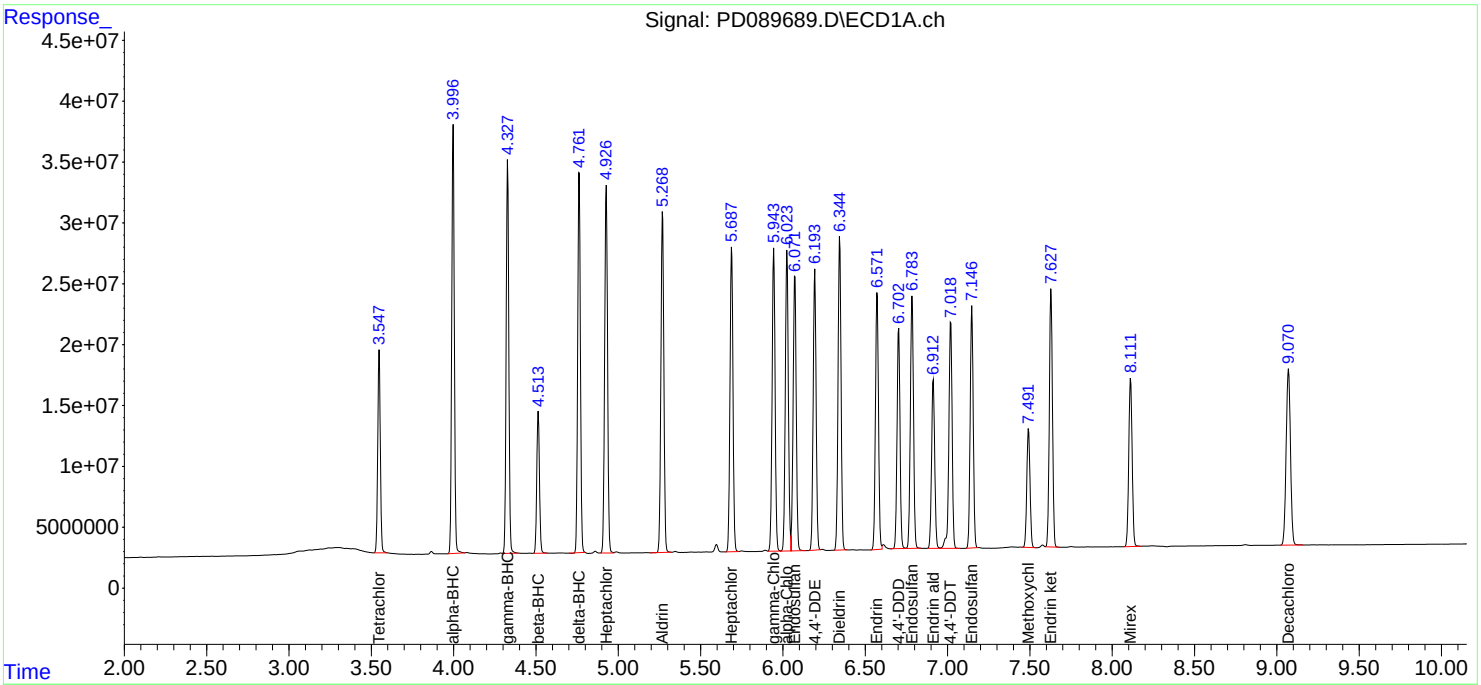
Instrument :
ECD_D
ClientSampleId :
PSTDICC075

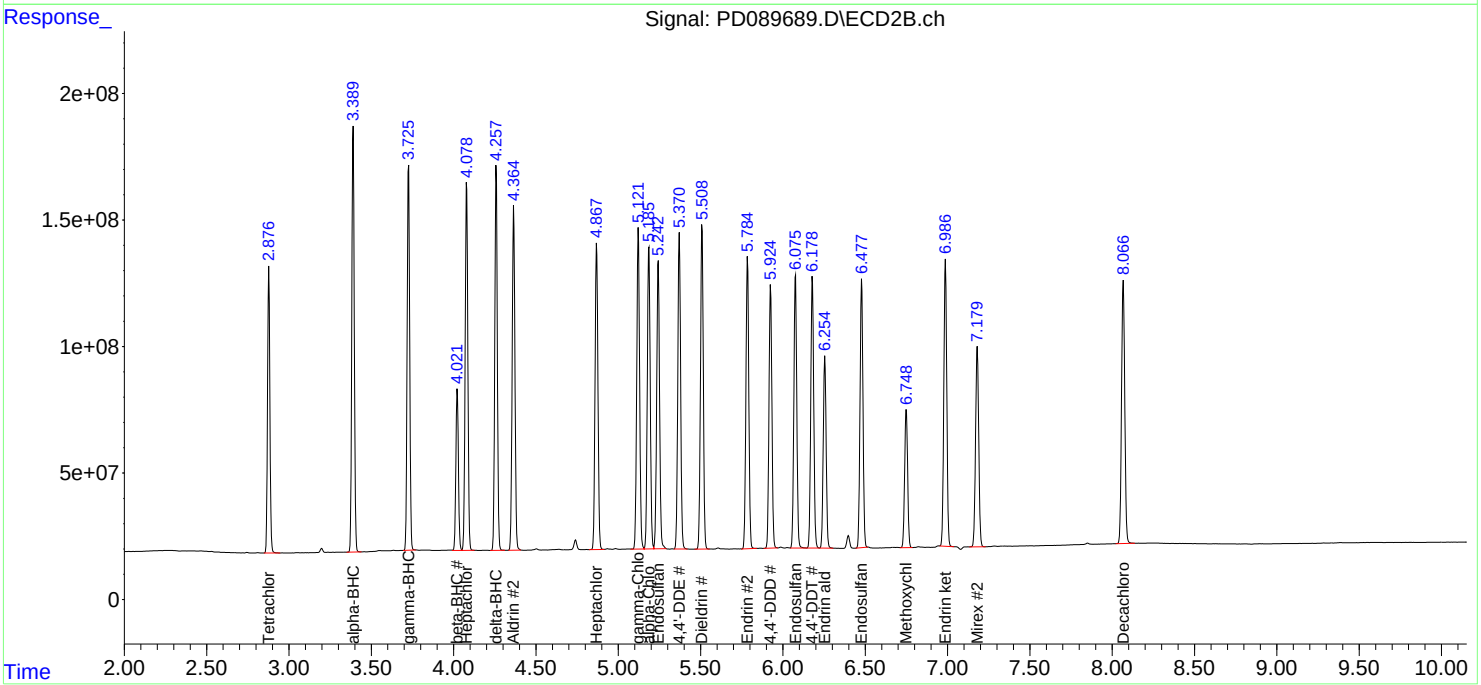
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/01/2025
Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:03:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:14
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: Aug 01 06:04:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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	2.878	122.8E6	772.9E6	50.000	50.000
28) SA	Decachlor...	9.071	8.068	181.0E6	980.7E6	50.000	50.000
	Target Compounds						
2) A	alpha-BHC	3.997	3.390	253.4E6	1198.6E6	50.000	50.000
3) MA	gamma-BHC...	4.328	3.726	241.1E6	1106.9E6	50.000	50.000
4) MA	Heptachlor	4.927	4.079	241.9E6	1136.6E6	50.000	50.000
5) MB	Aldrin	5.269	4.365	230.1E6	1093.6E6	50.000	50.000
6) B	beta-BHC	4.514	4.022	91190240	470.1E6	50.000	50.000
7) B	delta-BHC	4.763	4.259	233.8E6	1116.9E6	50.000	50.000
8) B	Heptachlo...	5.689	4.869	207.4E6	1004.8E6	50.000	50.000
9) A	Endosulfan I	6.072	5.243	197.0E6	954.8E6	50.000	50.000
10) B	gamma-Chl...	5.944	5.122	208.3E6	1059.1E6	50.000	50.000
11) B	alpha-Chl...	6.025	5.186	208.9E6	1015.5E6	50.000	50.000
12) B	4,4'-DDE	6.194	5.371	187.5E6	1036.6E6	50.000	50.000
13) MA	Dieldrin	6.345	5.509	211.9E6	1061.9E6	50.000	50.000
14) MA	Endrin	6.572	5.785	179.3E6	969.9E6	50.000	50.000
15) B	Endosulfa...	6.784	6.077	180.1E6	919.8E6	50.000	50.000
16) A	4,4'-DDD	6.704	5.925	150.0E6	867.7E6	50.000	50.000
17) MA	4,4'-DDT	7.019	6.179	168.5E6	922.6E6	50.000	50.000
18) B	Endrin al...	6.913	6.255	123.5E6	635.6E6	50.000	50.000
19) B	Endosulfa...	7.148	6.478	171.6E6	906.8E6	50.000	50.000
20) A	Methoxychlor	7.492	6.750	88865799	485.1E6	50.000	50.000
21) B	Endrin ke...	7.629	6.988	185.0E6	987.0E6	50.000	50.000
22)	Mirex	8.112	7.181	135.4E6	741.3E6	50.000	50.000

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

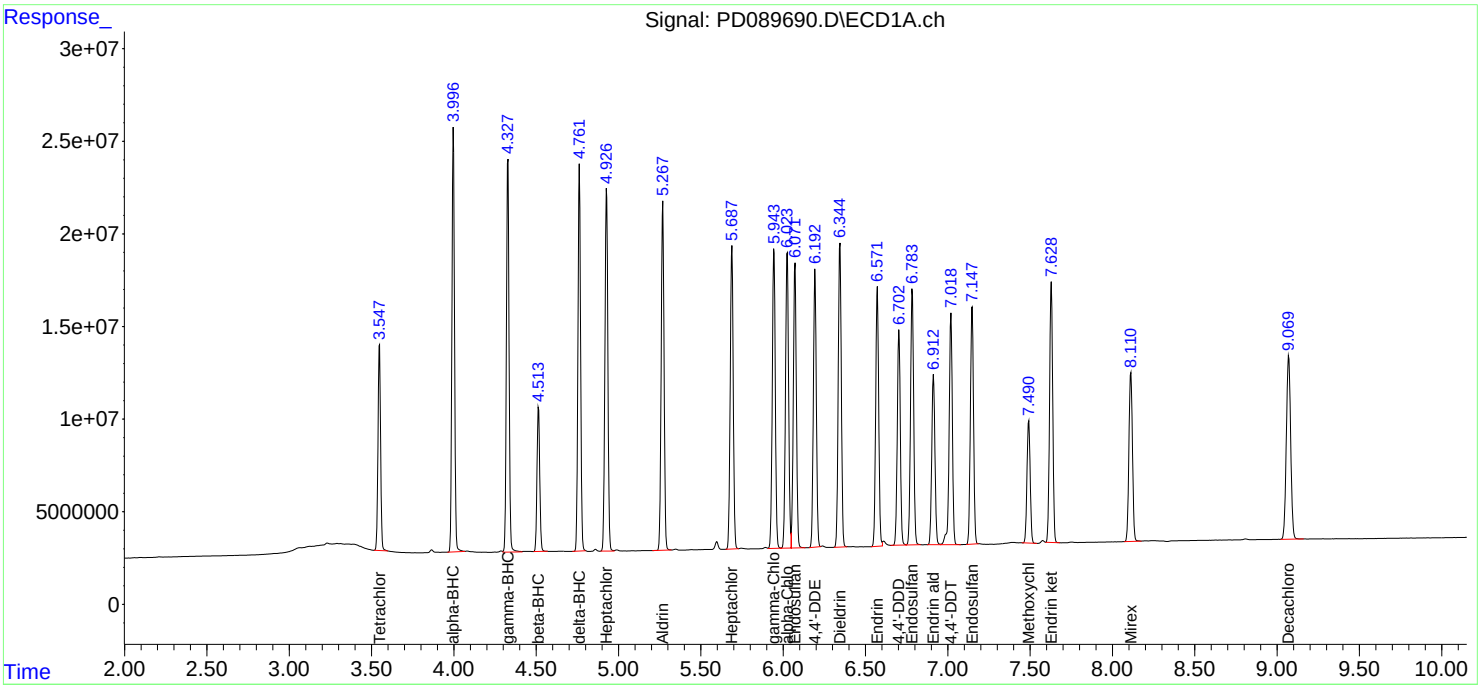
ICAL Form

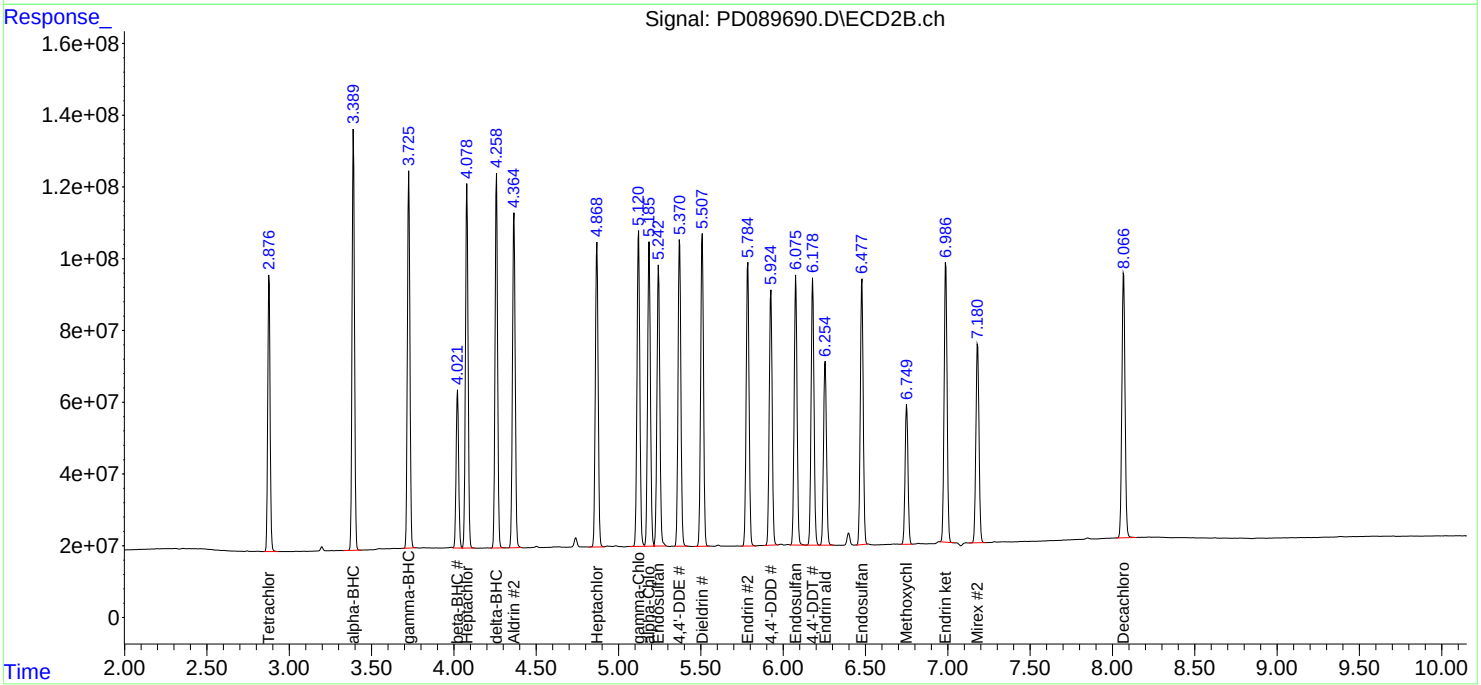
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:14
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:04:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:28
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: Aug 01 06:04:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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	2.878	60086888	395.6E6	24.459	25.594
28)	SA Decachlor...	9.070	8.068	93155610	502.3E6	25.737	25.611
	Target Compounds						
2)	A alpha-BHC	3.997	3.390	115.9E6	602.6E6	22.877	25.138
3)	MA gamma-BHC...	4.328	3.726	112.0E6	560.3E6	23.240	25.309
4)	MA Heptachlor	4.927	4.079	114.0E6	579.4E6	23.566	25.490
5)	MB Aldrin	5.268	4.365	108.2E6	556.5E6	23.508	25.445
6)	B beta-BHC	4.515	4.022	45165459	242.6E6	24.764	25.805
7)	B delta-BHC	4.763	4.259	107.4E6	564.0E6	22.958	25.251
8)	B Heptachlo...	5.688	4.869	99446385	517.2E6	23.970	25.737
9)	A Endosulfan I	6.072	5.243	95423575	490.8E6	24.218	25.703
10)	B gamma-Chl...	5.944	5.122	99925801	541.3E6	23.981	25.556
11)	B alpha-Chl...	6.024	5.186	101.2E6	520.3E6	24.230	25.616
12)	B 4,4'-DDE	6.193	5.372	88194803	529.6E6	23.521	25.544
13)	MA Dieldrin	6.344	5.509	100.3E6	540.2E6	23.678	25.437
14)	MA Endrin	6.572	5.786	84843783	493.4E6	23.664	25.438
15)	B Endosulfa...	6.784	6.077	88566720	470.7E6	24.585	25.586
16)	A 4,4'-DDD	6.703	5.926	71191879	441.6E6	23.731	25.443
17)	MA 4,4'-DDT	7.019	6.179	80141596	460.3E6	23.775	24.945
18)	B Endrin al...	6.913	6.255	60887538	325.1E6	24.658	25.572
19)	B Endosulfa...	7.148	6.479	83927332	464.7E6	24.451	25.620
20)	A Methoxychlor	7.491	6.750	44254083	248.8E6	24.899	25.639
21)	B Endrin ke...	7.628	6.988	90082871	504.5E6	24.342	25.556
22)	Mirex	8.111	7.181	69660388	385.5E6	25.718	26.005

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

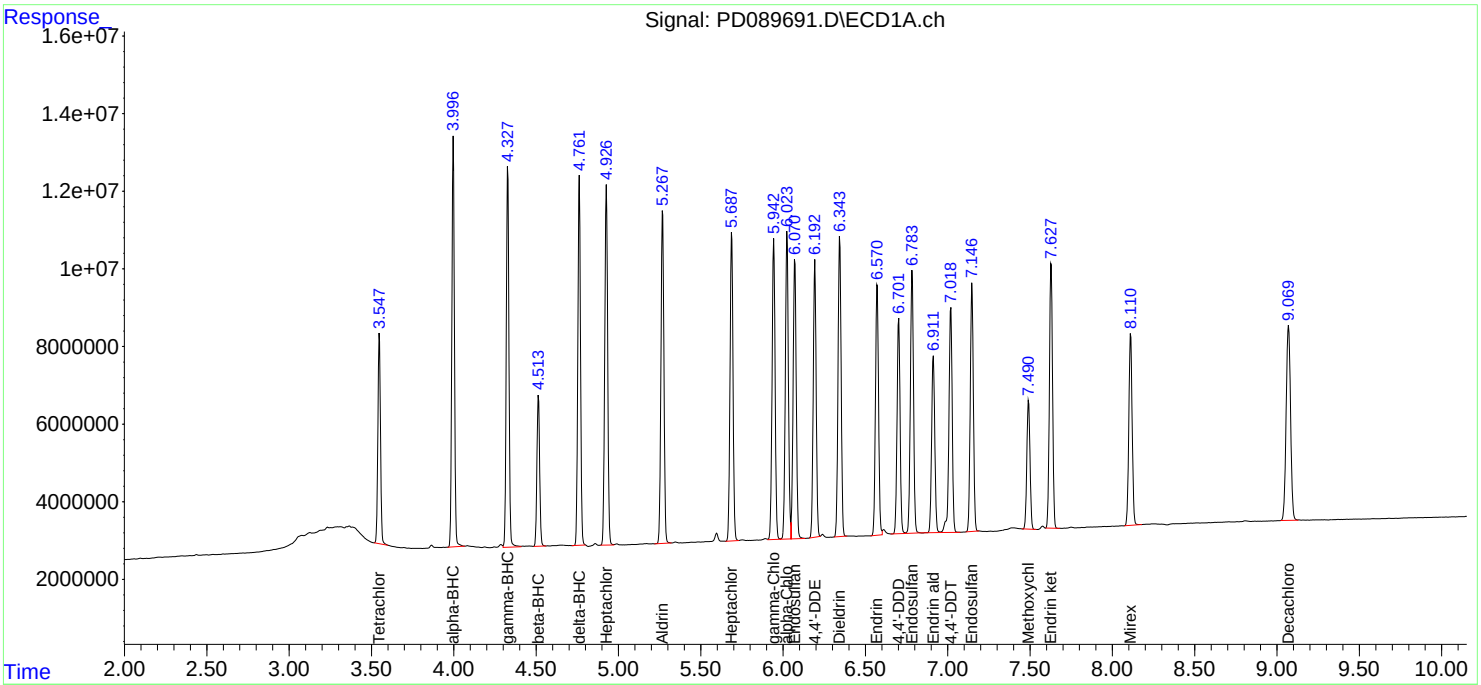
ICAL Form

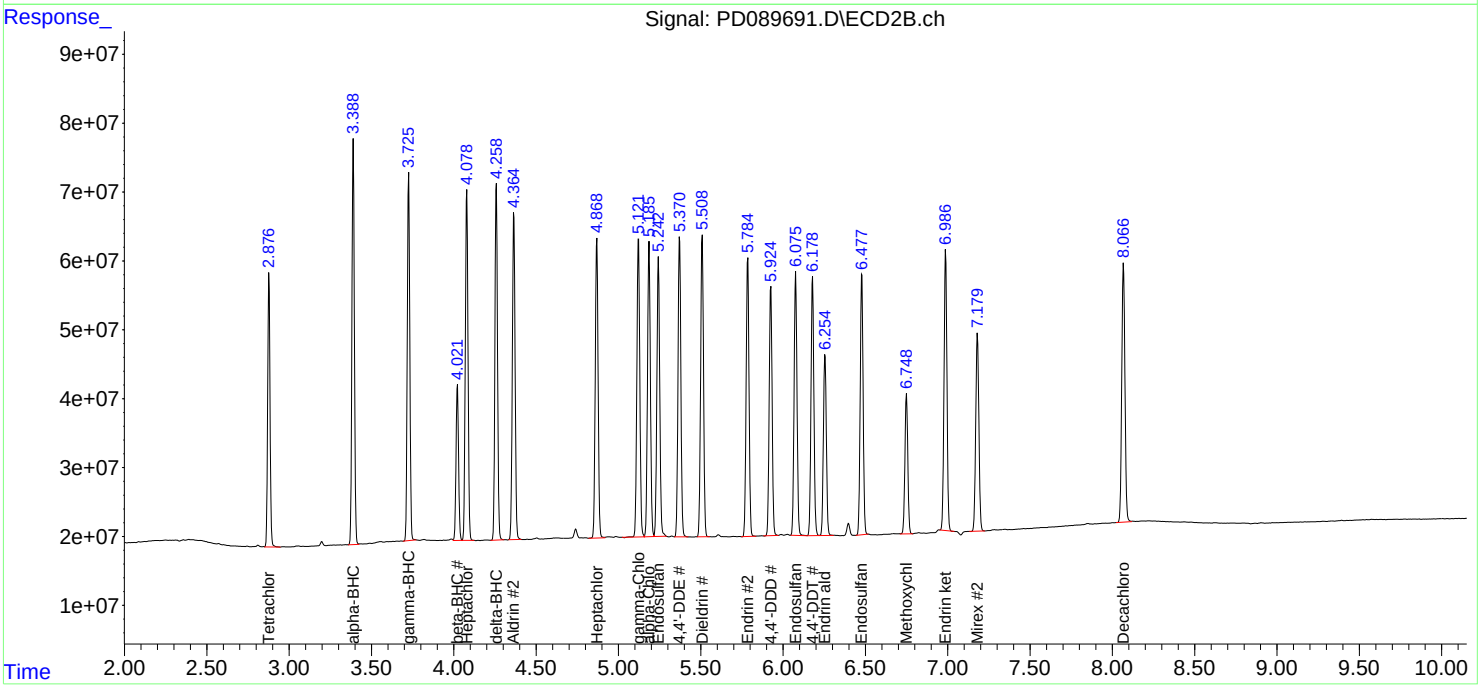
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:28
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:04:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:41
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/01/2025
Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:04:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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...	3.547	2.878	12728556	89152363	5.181	5.768
28)	SA Decachlor...	9.070	8.068	21262032	114.2E6	5.874	5.821
	Target Compounds						
2)	A alpha-BHC	3.997	3.390	21991813	131.1E6	4.339	5.471 #
3)	MA gamma-BHC...	4.328	3.726	22352025	122.2E6	4.636	5.521
4)	MA Heptachlor	4.927	4.079	23169413	128.5E6	4.789	5.653
5)	MB Aldrin	5.268	4.365	21817288	121.2E6	4.741	5.543
6)	B beta-BHC	4.514	4.022	9828461	54697788	5.389	5.818
7)	B delta-BHC	4.762	4.259	20752633	123.6E6	4.437	5.532
8)	B Heptachlo...	5.688	4.869	21263659	114.2E6	5.125	5.685
9)	A Endosulfan I	6.072	5.243	20149074	109.2E6	5.114	5.721
10)	B gamma-Chl...	5.943	5.122	20699286	120.0E6	4.968	5.665
11)	B alpha-Chl...	6.024	5.186	21350809	116.5E6	5.111	5.734
12)	B 4,4'-DDE	6.193	5.369	17748555	116.4E6	4.733	5.613m
13)	MA Dieldrin	6.345	5.509	20395942	119.2E6	4.813	5.611
14)	MA Endrin	6.571	5.786	17435369	114.2E6	4.863	5.886
15)	B Endosulfa...	6.784	6.077	19400476	104.7E6	5.385	5.693
16)	A 4,4'-DDD	6.703	5.926	14539424	96121739	4.847	5.539
17)	MA 4,4'-DDT	7.019	6.180	16301577	92950908	4.836	5.037
18)	B Endrin al...	6.911	6.255	12992981	70660838	5.262m	5.558
19)	B Endosulfa...	7.147	6.478	18066498	103.7E6	5.263	5.719
20)	A Methoxychlor	7.491	6.750	9351951	53085396	5.262	5.471
21)	B Endrin ke...	7.628	6.987	18813895	110.2E6	5.084	5.581
22)	Mirex	8.111	7.181	15861435	86238194	5.856	5.817

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:41
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

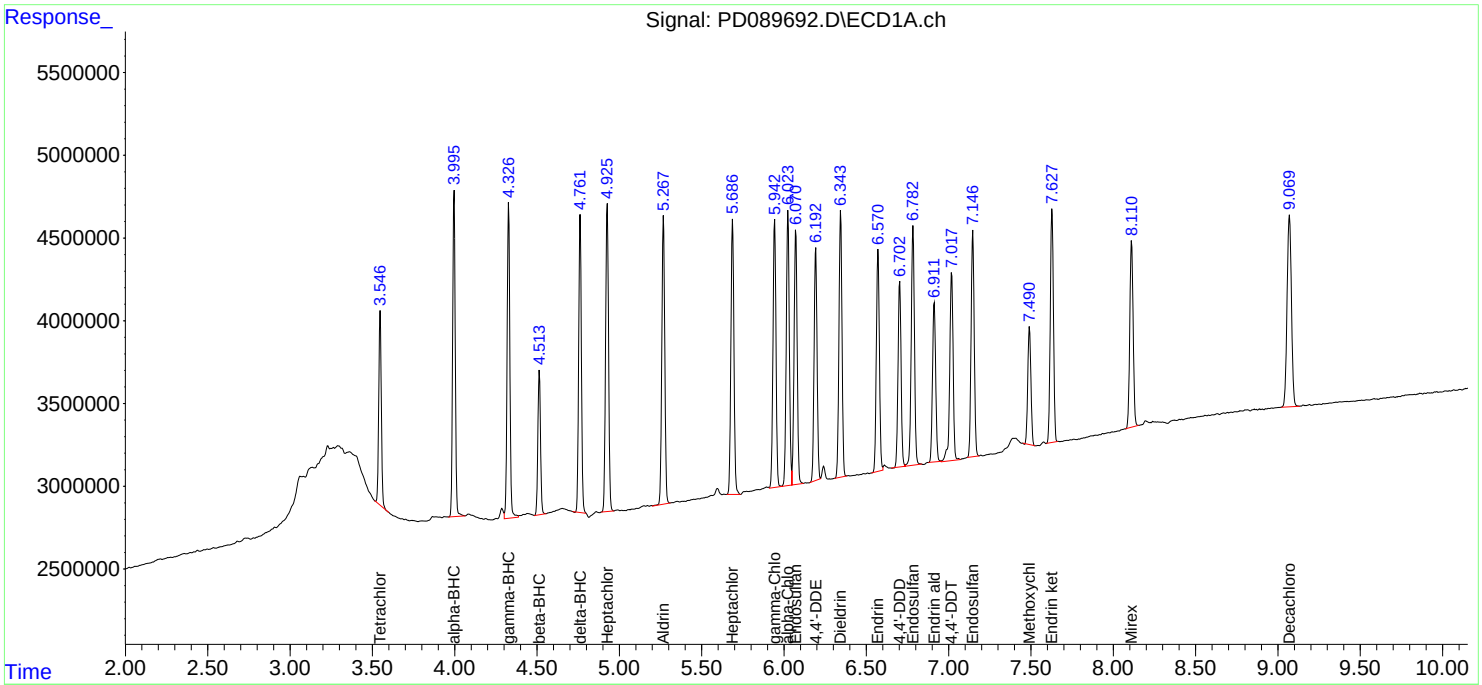
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

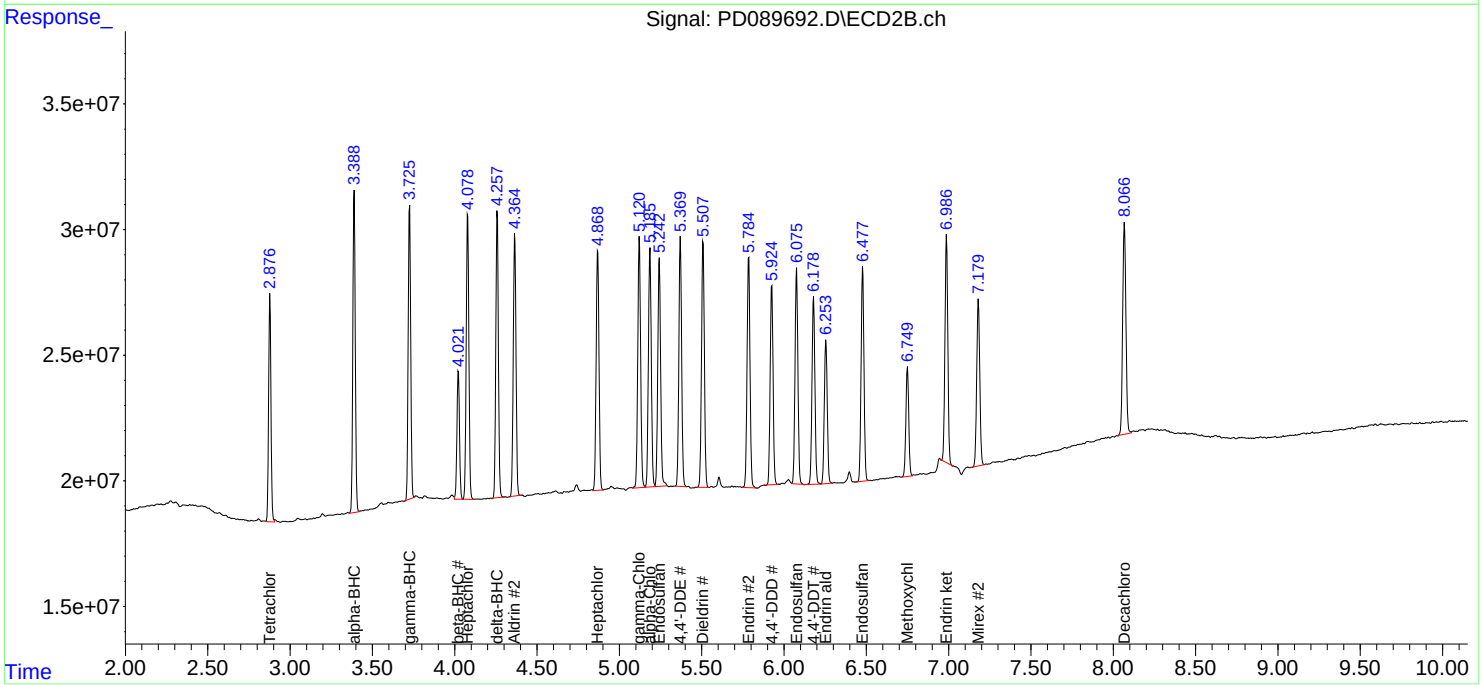
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/01/2025
Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:04:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:01:48 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089695.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 13:23
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: Aug 01 06:19:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:17:51 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...	3.547	2.877	120.5E6	945.6E6	50.000	50.000
28)	SA Decachlor...	9.069	8.067	176.9E6	974.5E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.712	3.902	84493998	372.7E6	500.000	500.000
24)	Chlordane-2	5.238	4.483	85139038	388.8E6	500.000	500.000
25)	Chlordane-3	5.944	5.122	351.5E6	1170.3E6	500.000	500.000
26)	Chlordane-4	6.029	5.186	426.3E6	1005.1E6	500.000	500.000
27)	Chlordane-5	6.868	6.086	72983349	462.5E6	500.000	500.000

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

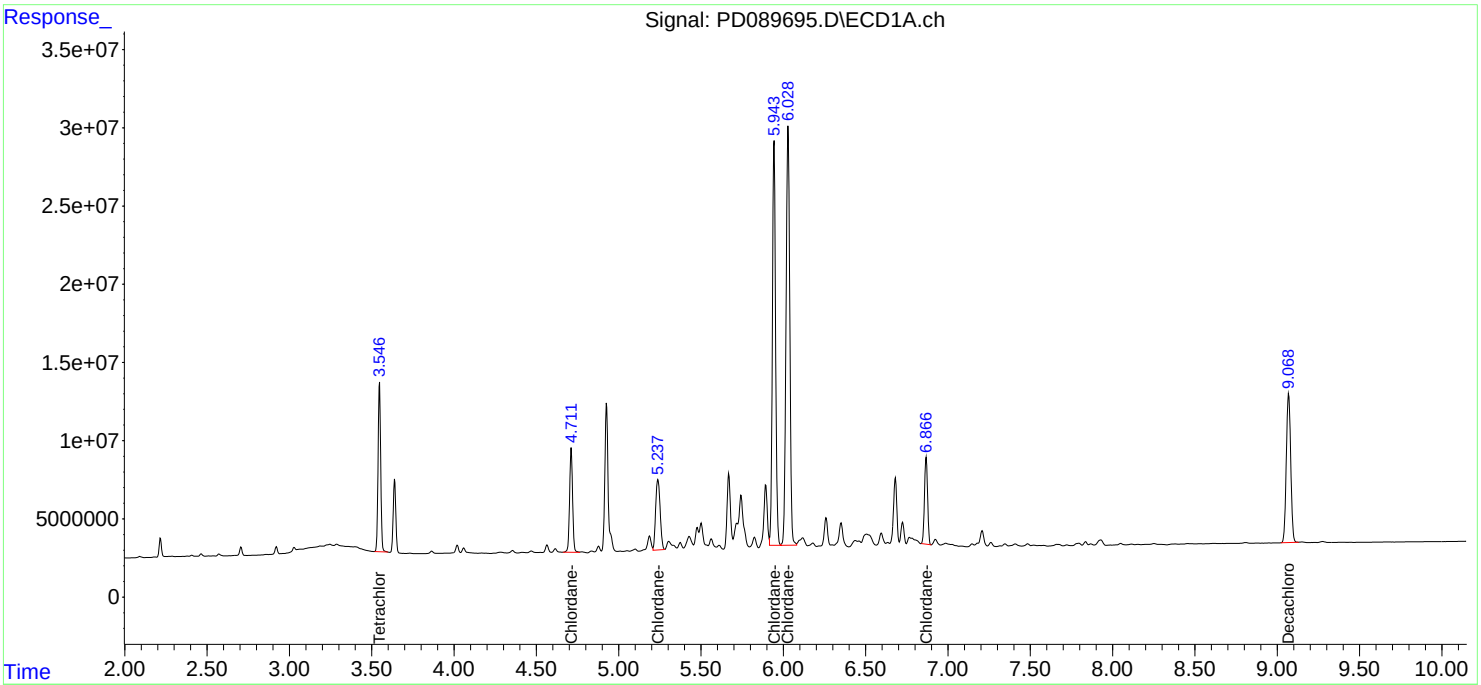
ICAL Form

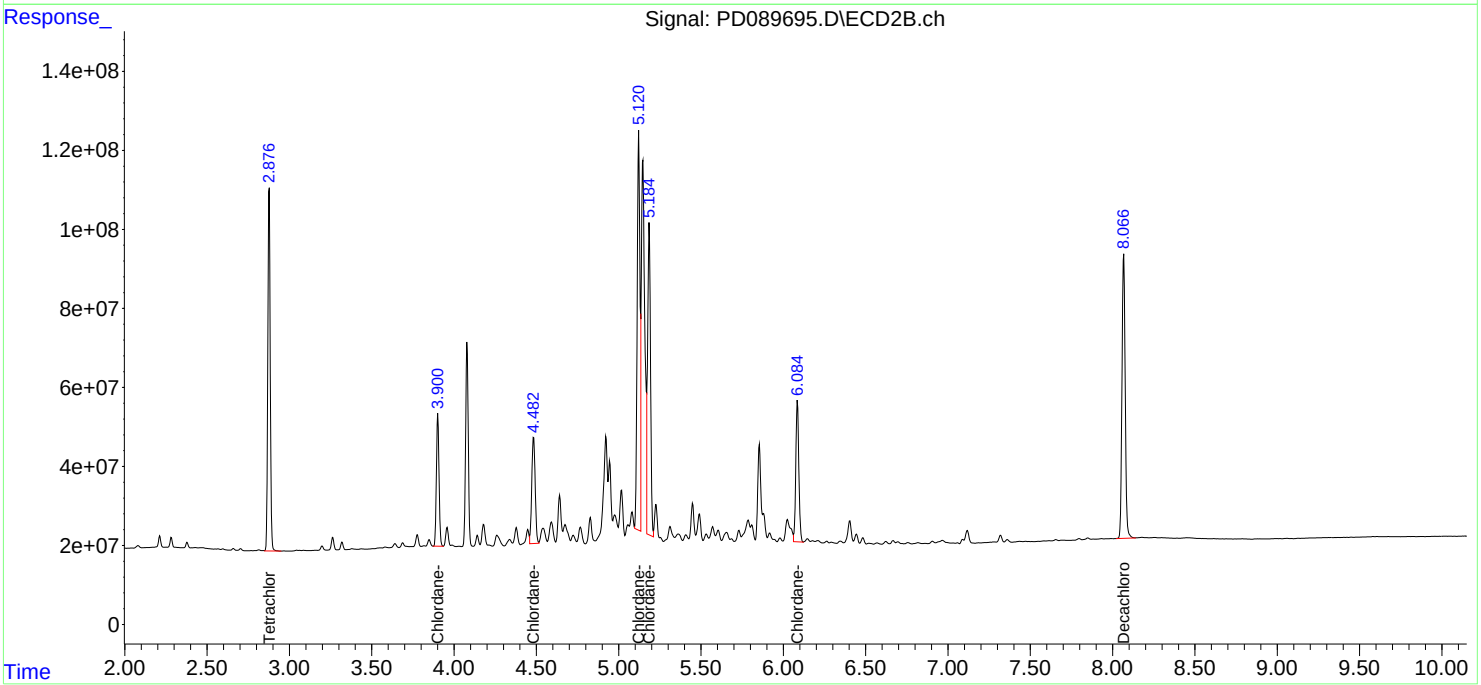
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089695.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 13:23
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:19:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:17:51 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 14:31
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: Aug 01 06:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:37:33 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.547	2.878	124.8E6	773.4E6	50.000	50.000
7)	SA Decachlor...	9.068	8.066	184.8E6	987.6E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.239	5.471	17443475	79994774	500.000	500.000
3)	Toxaphene-2	6.439	5.642	23341665	54280922	500.000	500.000
4)	Toxaphene-3	7.146	6.752	45826320	259.8E6	500.000	500.000
5)	Toxaphene-4	7.561	7.193	60366168	180.8E6	500.000	500.000
6)	Toxaphene-5	7.926	7.324	34082893	127.1E6	500.000	500.000

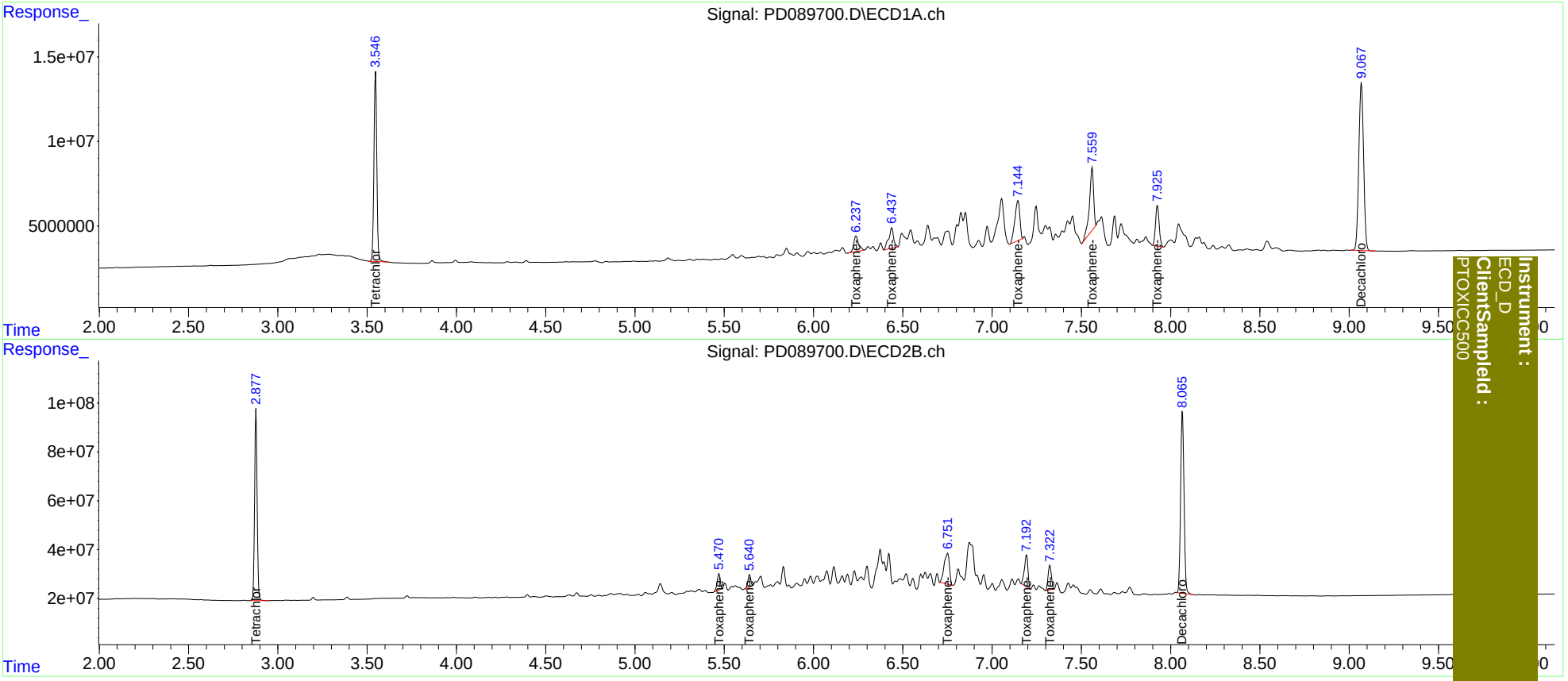
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 14:31
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: Aug 01 06:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:37:33 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 x0.25µm



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:11
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:51:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:29:50 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	2.878	120.0E6	761.1E6	48.643	48.054
28)	SA Decachlor...	9.068	8.067	181.6E6	1003.9E6	48.862	50.002
	Target Compounds						
2)	A alpha-BHC	3.997	3.390	247.1E6	1174.9E6	49.894	48.341
3)	MA gamma-BHC...	4.328	3.726	235.0E6	1091.3E6	49.442	48.451
4)	MA Heptachlor	4.927	4.079	236.5E6	1118.2E6	49.144	48.177
5)	MB Aldrin	5.269	4.365	226.3E6	1080.5E6	49.573	48.561
6)	B beta-BHC	4.514	4.022	89444936	462.6E6	48.488	47.941
7)	B delta-BHC	4.762	4.258	227.8E6	1097.8E6	49.674	48.330
8)	B Heptachlo...	5.689	4.869	203.2E6	996.0E6	48.615	48.467
9)	A Endosulfan I	6.072	5.243	193.3E6	951.2E6	48.760	48.657
10)	B gamma-Chl...	5.943	5.122	205.3E6	1052.1E6	49.121	48.590
11)	B alpha-Chl...	6.025	5.186	205.4E6	1010.4E6	48.847	48.528
12)	B 4,4'-DDE	6.193	5.371	184.6E6	1030.8E6	49.482	48.768
13)	MA Dieldrin	6.344	5.508	208.4E6	1056.1E6	49.341	48.805
14)	MA Endrin	6.572	5.785	174.3E6	956.4E6	48.704	47.998
15)	B Endosulfa...	6.784	6.076	177.5E6	917.6E6	48.364	48.811
16)	A 4,4'-DDD	6.703	5.925	148.3E6	869.0E6	49.533	49.286
17)	MA 4,4'-DDT	7.019	6.179	166.6E6	923.5E6	49.583	50.264
18)	B Endrin al...	6.913	6.255	124.7E6	648.5E6	49.955	50.191
19)	B Endosulfa...	7.147	6.478	169.4E6	910.4E6	48.814	49.036
20)	A Methoxychlor	7.491	6.750	87549683	489.2E6	48.966	49.945
21)	B Endrin ke...	7.628	6.987	184.0E6	1003.7E6	49.547	50.012
22)	Mirex	8.111	7.181	134.7E6	755.7E6	48.321	49.648

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

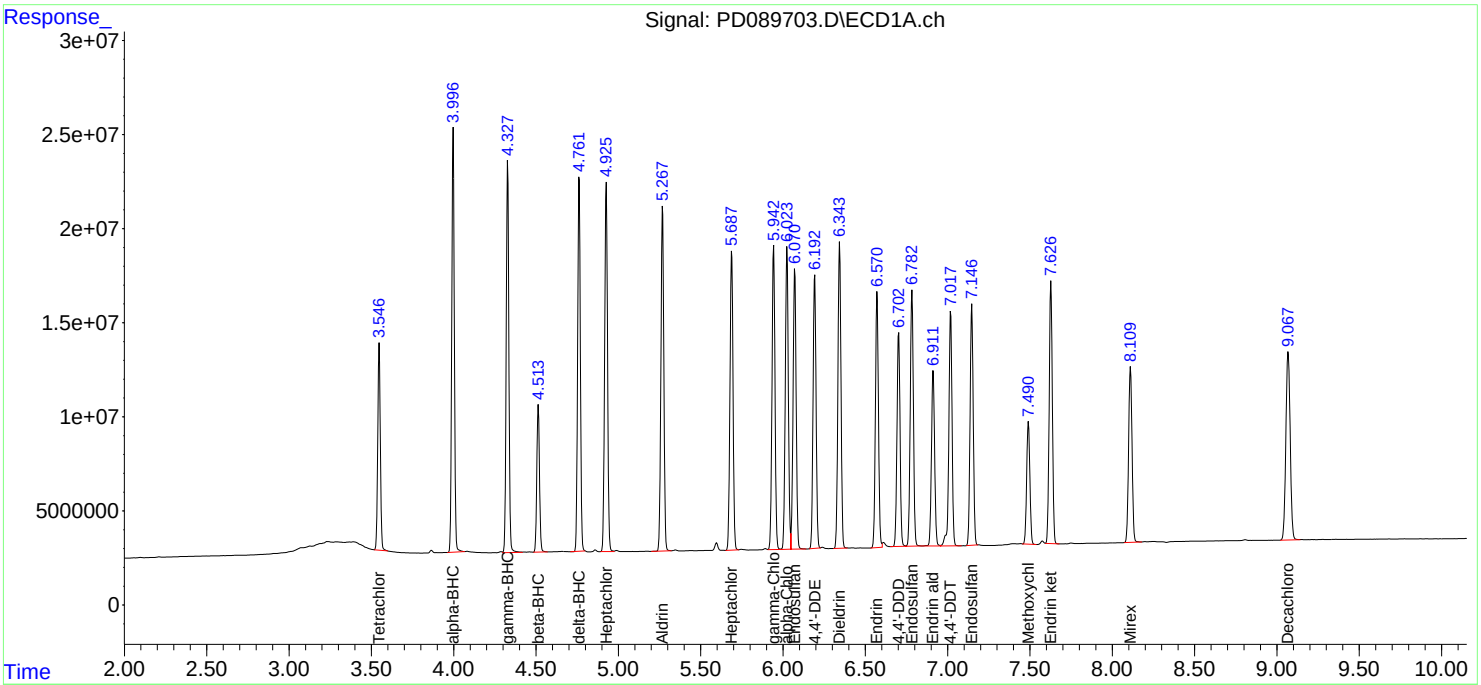
ICAL Form

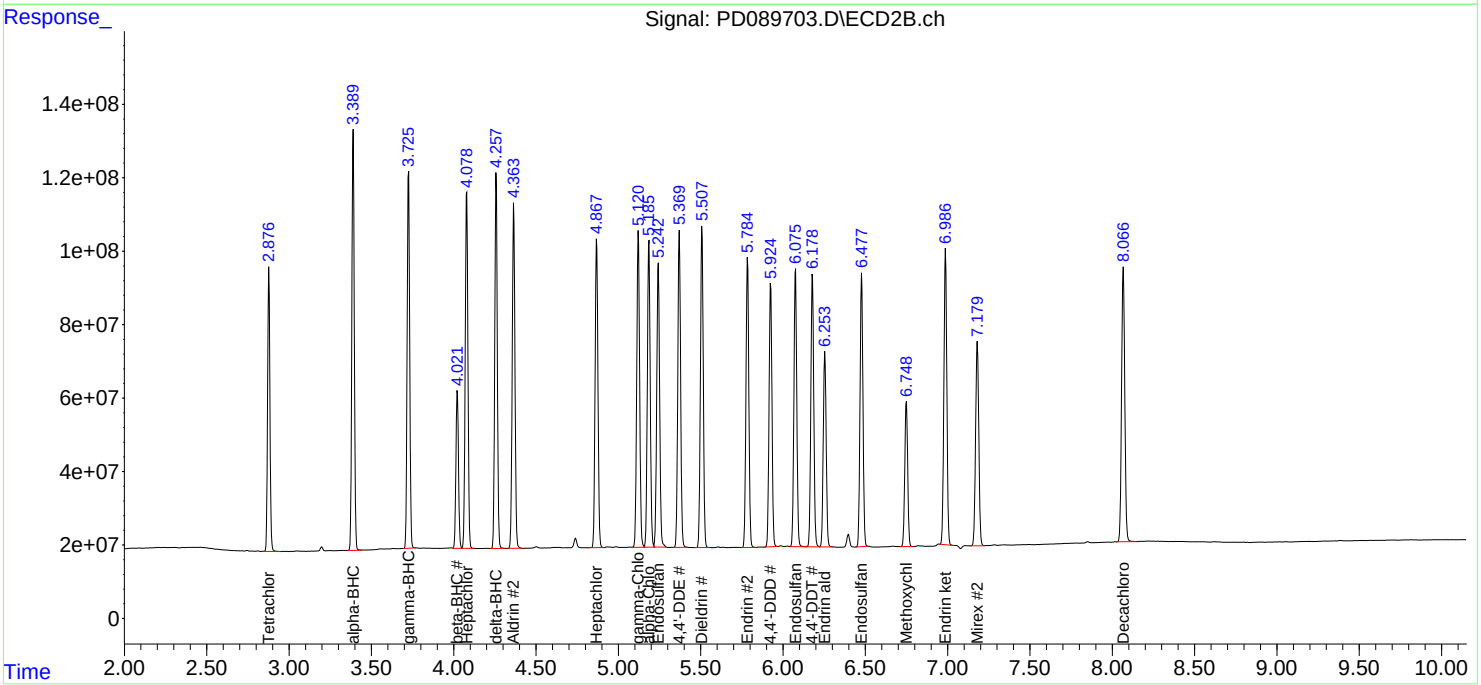
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:11
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD073125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:51:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:29:50 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:25
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:57:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:55:53 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...	3.547	2.877	116.8E6	920.9E6	48.720	49.345
28)	SA Decachlor...	9.068	8.068	173.9E6	968.6E6	48.439	49.120
	Target Compounds						
23)	Chlordane-1	4.712	3.902	81245774	362.8E6	487.797	495.995
24)	Chlordane-2	5.239	4.484	82083462	377.5E6	483.066	493.864
25)	Chlordane-3	5.944	5.122	339.6E6	1127.1E6	495.100	487.029
26)	Chlordane-4	6.030	5.186	410.6E6	968.1E6	490.532	486.594
27)	Chlordane-5	6.868	6.086	70531851	450.9E6	488.923	498.388

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

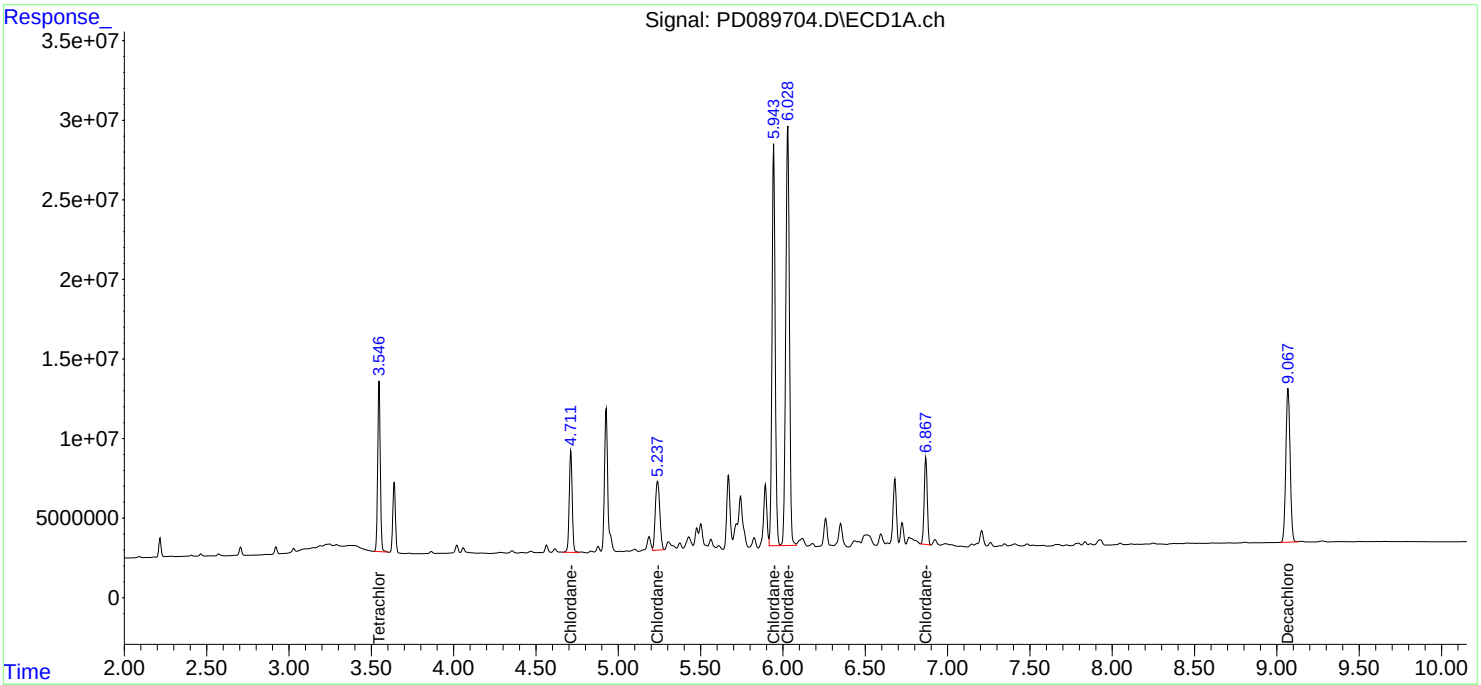
ICAL Form

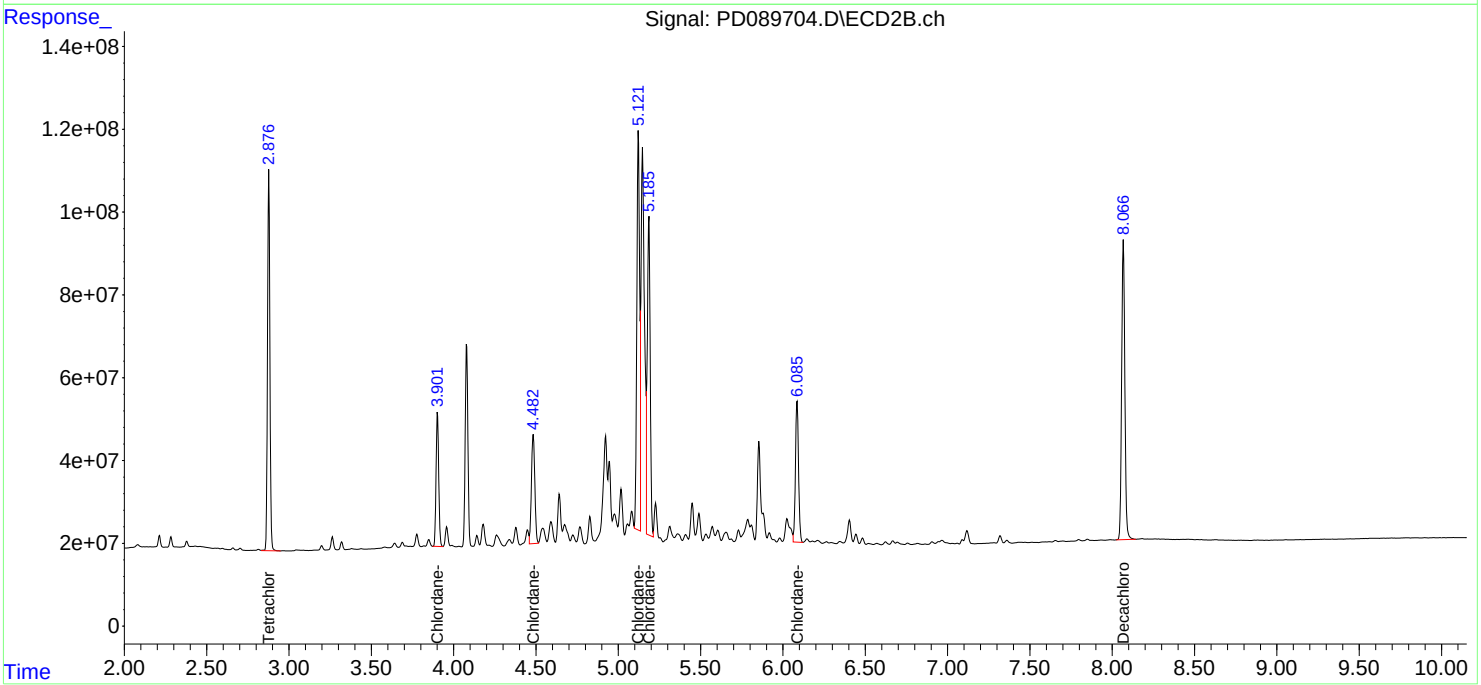
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:25
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD073125CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 06:57:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:55:53 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:39
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD073125TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:12:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:37:50 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.547	2.878	121.0E6	763.7E6	49.297	49.152
7)	SA Decachlor...	9.068	8.067	180.0E6	1004.8E6	48.913	50.328
	Target Compounds						
2)	Toxaphene-1	6.239	5.471	16790342	79371176	450.215	495.332
3)	Toxaphene-2	6.438	5.642	22399003	54781356	491.263	516.501
4)	Toxaphene-3	7.145	6.751	44678983	257.9E6	496.518	512.065
5)	Toxaphene-4	7.560	7.193	58879040	179.0E6	503.289	505.290
6)	Toxaphene-5	7.925	7.324	32919996	126.7E6	493.281	522.829

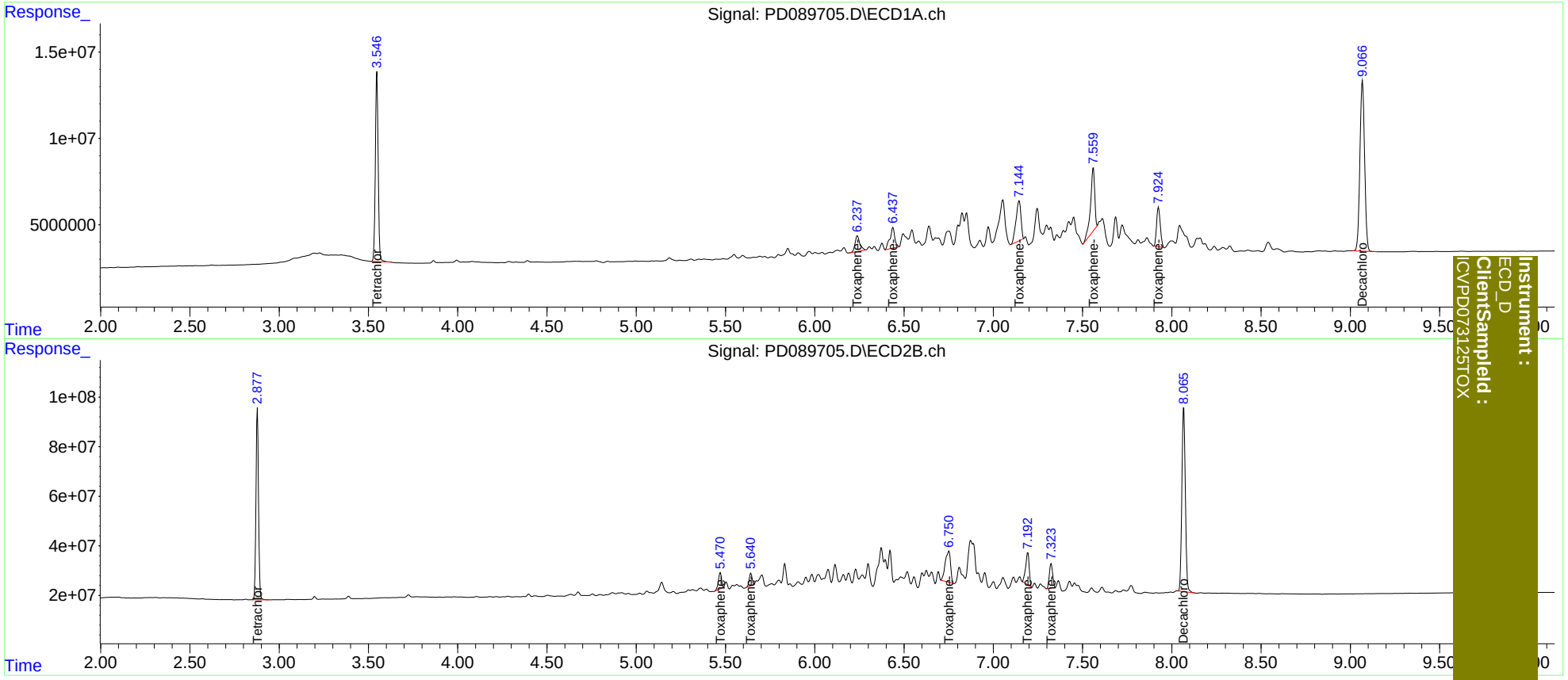
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:39
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: Aug 01 07:12:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 06:37:50 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 x0.25µm



Raw Data: **PD089914.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/15/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 13:53 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
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	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

Raw Data: **PD089914.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/15/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 13:53 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
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	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089914.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.069	8.971	9.171	41.490	50.000	-17.0
Endrin	6.572	6.472	6.672	42.180	50.000	-15.6
gamma-BHC (Lindane)	4.329	4.228	4.428	46.180	50.000	-7.6
Heptachlor	4.927	4.827	5.027	43.520	50.000	-13.0
Heptachlor epoxide	5.689	5.589	5.789	44.170	50.000	-11.7
Methoxychlor	7.491	7.392	7.592	41.550	50.000	-16.9
Tetrachloro-m-xylene	3.549	3.448	3.648	45.100	50.000	-9.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089914.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.067	7.968	8.168	48.370	50.000	-3.3
Endrin	5.786	5.685	5.885	57.310	50.000	14.6
gamma-BHC (Lindane)	3.727	3.626	3.826	54.950	50.000	9.9
Heptachlor	4.080	3.979	4.179	52.420	50.000	4.8
Heptachlor epoxide	4.869	4.769	4.969	53.730	50.000	7.5
Methoxychlor	6.750	6.650	6.850	52.950	50.000	5.9
Tetrachloro-m-xylene	2.879	2.778	2.978	54.350	50.000	8.7

Sample Results: **PD089914.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 13:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:50:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	111.2E6	860.9E6	45.097	54.354	
28)	SA Decachlor...	9.069	8.067	154.2E6	971.2E6	41.490	48.373	
	Target Compounds							
2)	A alpha-BHC	3.998	3.389	229.2E6	1335.0E6	46.276	54.929m	
3)	MA gamma-BHC...	4.329	3.727	219.4E6	1237.6E6	46.176	54.947	
4)	MA Heptachlor	4.927	4.080	209.4E6	1216.5E6	43.522	52.416	
5)	MB Aldrin	5.269	4.365	205.8E6	1218.6E6	45.082	54.766	
6)	B beta-BHC	4.515	4.023	84564517	524.7E6	45.842	54.380	
7)	B delta-BHC	4.763	4.259	208.7E6	1248.0E6	45.497	54.940	
8)	B Heptachlo...	5.689	4.869	184.7E6	1104.1E6	44.170	53.726	
9)	A Endosulfan I	6.072	5.243	172.4E6	988.2E6	43.491	50.551	
10)	B gamma-Chl...	5.944	5.122	183.5E6	1184.5E6	43.910	54.703	
11)	B alpha-Chl...	6.024	5.186	183.8E6	1130.7E6	43.721	54.301	
12)	B 4,4'-DDE	6.194	5.371	160.1E6	1142.9E6	42.914	54.073	#
13)	MA Dieldrin	6.345	5.509	182.8E6	1172.5E6	43.281	54.185	#
14)	MA Endrin	6.572	5.786	150.9E6	1141.9E6	42.178	57.311	#
15)	B Endosulfa...	6.784	6.077	156.6E6	995.8E6	42.688	52.968	
16)	A 4,4'-DDD	6.703	5.925	134.6E6	948.5E6	44.953	53.793	
17)	MA 4,4'-DDT	7.019	6.179	136.9E6	965.9E6	40.727	52.571	#
18)	B Endrin al...	6.913	6.255	110.5E6	706.7E6	44.281	54.699	
19)	B Endosulfa...	7.148	6.479	143.4E6	953.3E6	41.313	51.347	
20)	A Methoxychlor	7.491	6.750	74289117	518.6E6	41.549	52.947	#
21)	B Endrin ke...	7.628	6.987	154.3E6	1026.7E6	41.546	51.161	
22)	Mirex	8.111	7.181	113.9E6	785.7E6	40.854	51.617	#

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

Sample Results: **PD089914.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 13:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

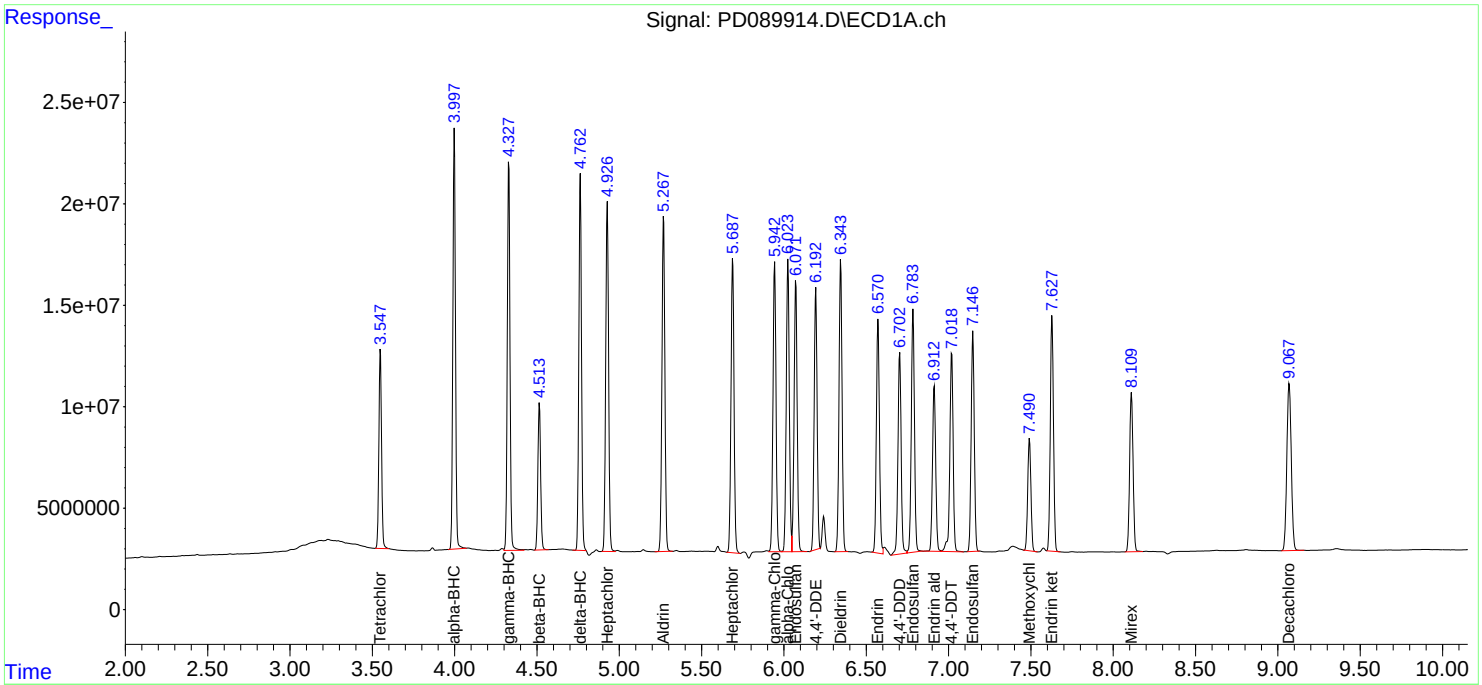
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

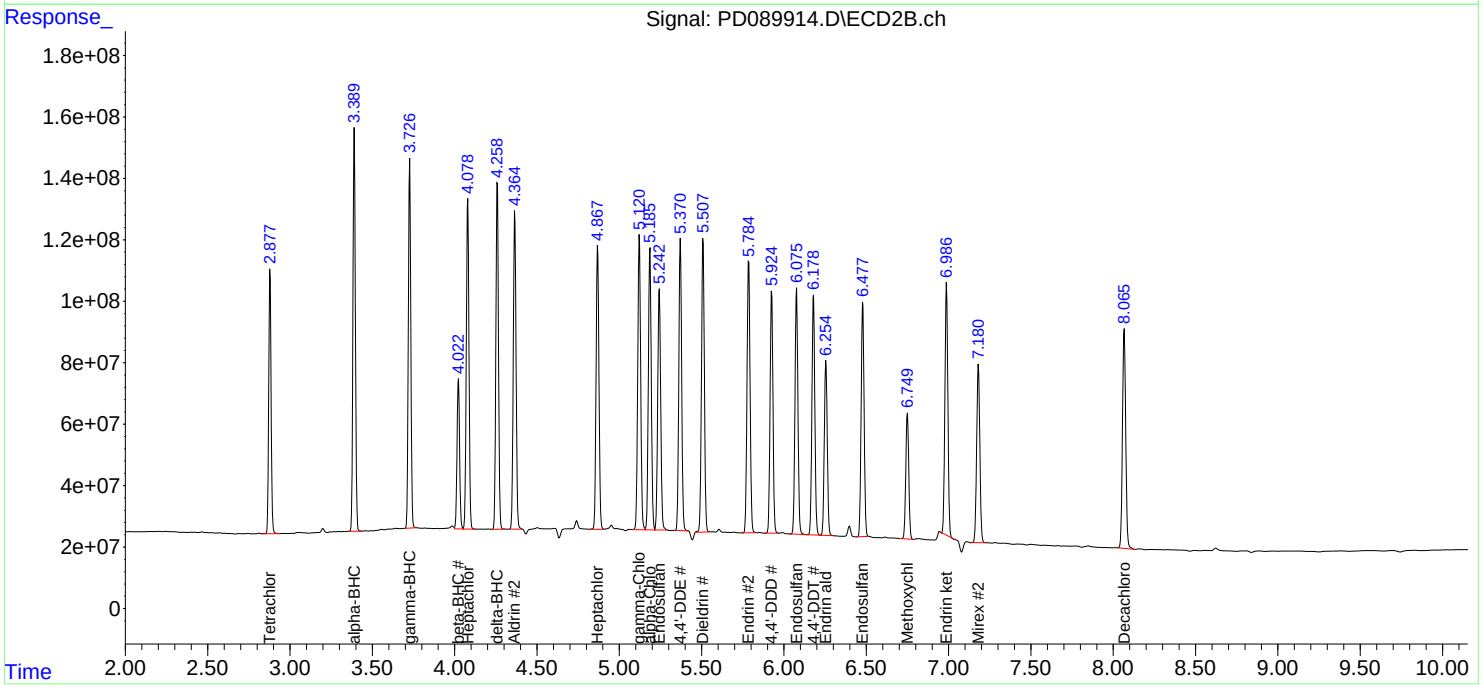
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:50:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





Raw Data: **PD089927.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/15/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 18:47 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
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	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

Raw Data: **PD089927.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/15/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 18:47 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
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	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.00

Raw Data: **PD089927.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089927.D **Time Analyzed:** 18:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.069	8.971	9.171	42.760	50.000	-14.5
Endrin	6.572	6.472	6.672	44.560	50.000	-10.9
gamma-BHC (Lindane)	4.328	4.228	4.428	46.890	50.000	-6.2
Heptachlor	4.927	4.827	5.027	45.460	50.000	-9.1
Heptachlor epoxide	5.688	5.589	5.789	46.090	50.000	-7.8
Methoxychlor	7.491	7.392	7.592	43.140	50.000	-13.7
Tetrachloro-m-xylene	3.548	3.448	3.648	45.800	50.000	-8.4

Raw Data: **PD089927.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089927.D **Time Analyzed:** 18:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.968	8.168	49.440	50.000	-1.1
Endrin	5.785	5.685	5.885	58.720	50.000	17.4
gamma-BHC (Lindane)	3.727	3.626	3.826	55.750	50.000	11.5
Heptachlor	4.079	3.979	4.179	54.290	50.000	8.6
Heptachlor epoxide	4.869	4.769	4.969	54.870	50.000	9.7
Methoxychlor	6.749	6.650	6.850	56.650	50.000	13.3
Tetrachloro-m-xylene	2.878	2.778	2.978	55.020	50.000	10.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	113.0E6	871.5E6	45.803	55.024	
28)	SA Decachlor...	9.069	8.066	158.9E6	992.7E6	42.763	49.440	
	Target Compounds							
2)	A alpha-BHC	3.997	3.390	234.2E6	1353.9E6	47.270	55.705	
3)	MA gamma-BHC...	4.328	3.727	222.8E6	1255.6E6	46.887	55.746	
4)	MA Heptachlor	4.927	4.079	218.7E6	1260.1E6	45.463	54.293	
5)	MB Aldrin	5.268	4.365	210.5E6	1239.0E6	46.104	55.686	
6)	B beta-BHC	4.514	4.023	86534110	531.4E6	46.910	55.071	
7)	B delta-BHC	4.762	4.259	215.1E6	1271.7E6	46.905	55.987	
8)	B Heptachlo...	5.688	4.869	192.7E6	1127.5E6	46.089	54.867	
9)	A Endosulfan I	6.072	5.242	176.1E6	989.3E6	44.423	50.609	
10)	B gamma-Chl...	5.943	5.122	186.4E6	1210.8E6	44.603	55.919	#
11)	B alpha-Chl...	6.024	5.186	187.1E6	1159.4E6	44.504	55.681	#
12)	B 4,4'-DDE	6.193	5.371	164.2E6	1177.0E6	44.020	55.685	#
13)	MA Dieldrin	6.344	5.509	186.9E6	1204.9E6	44.260	55.684	#
14)	MA Endrin	6.572	5.785	159.4E6	1170.1E6	44.562	58.724	#
15)	B Endosulfa...	6.784	6.076	161.2E6	1026.9E6	43.942	54.626	
16)	A 4,4'-DDD	6.701	5.925	133.2E6	981.3E6	44.475m	55.655	#
17)	MA 4,4'-DDT	7.018	6.179	140.6E6	1020.2E6	41.848	55.530	#
18)	B Endrin al...	6.913	6.255	113.0E6	734.2E6	45.274	56.828	#
19)	B Endosulfa...	7.147	6.478	145.7E6	981.6E6	42.002	52.875	#
20)	A Methoxychlor	7.491	6.749	77125114	555.0E6	43.135	56.654	#
21)	B Endrin ke...	7.628	6.987	155.7E6	1007.8E6	41.927	50.217	
22)	Mirex	8.111	7.180	116.1E6	810.9E6	41.653	53.273	#

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

Sample Results: **PD089927.D**

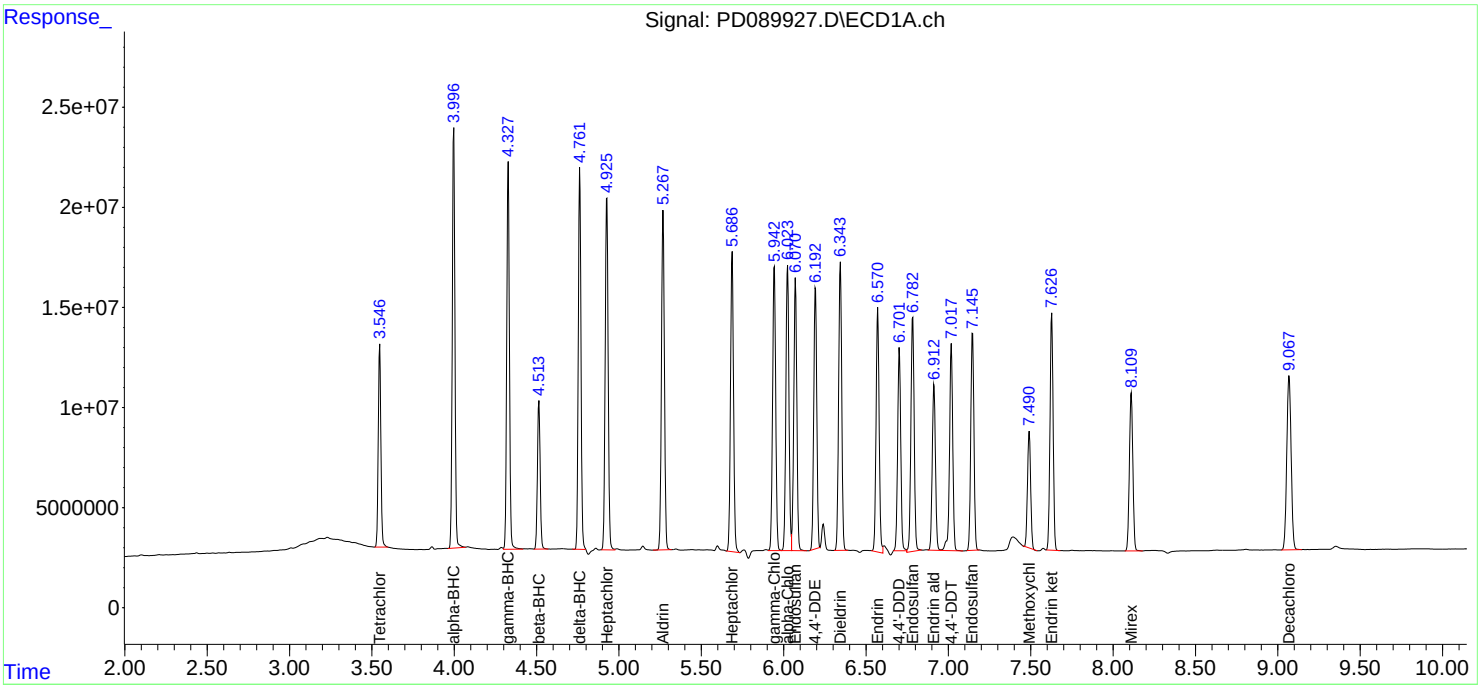
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

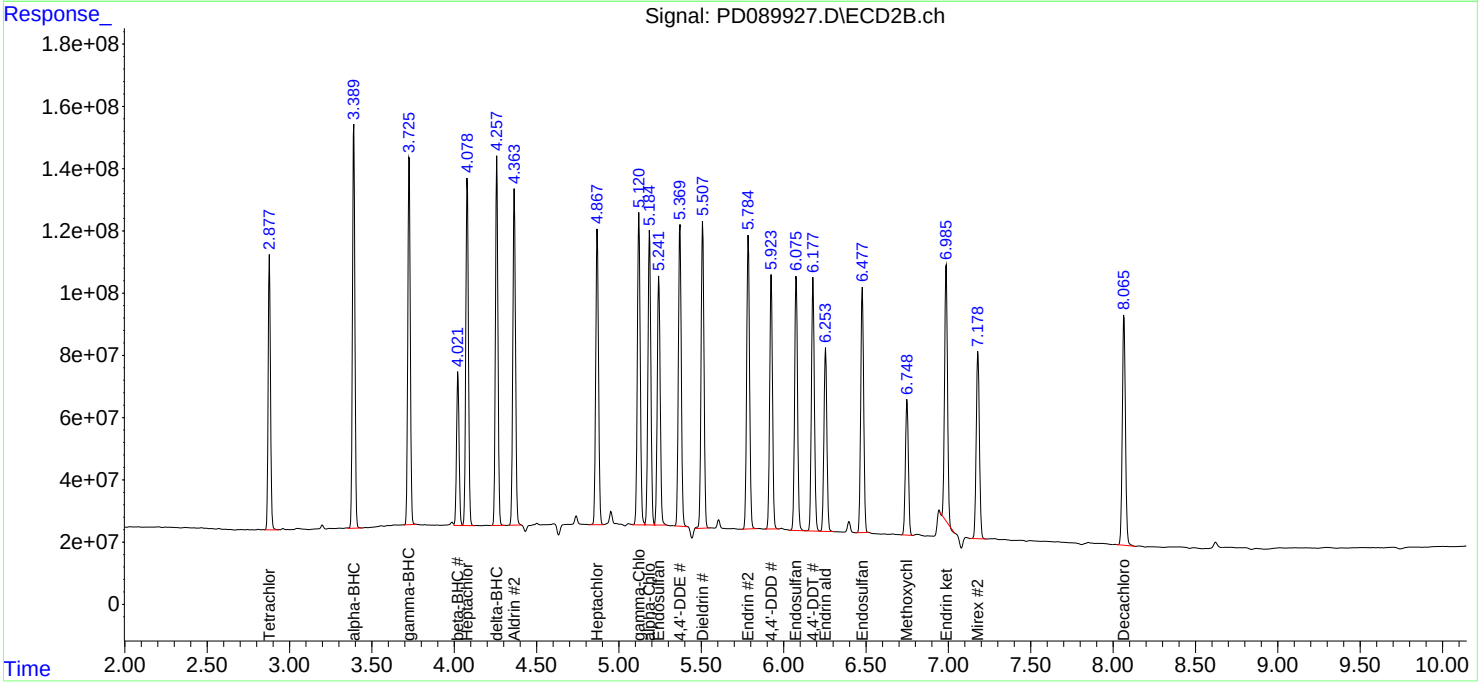
Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





Raw Data: **PD089935.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/15/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 20:39 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
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	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

Raw Data: **PD089935.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/15/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 20:39 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	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	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.00

Raw Data: **PD089935.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089935.D **Time Analyzed:** 20:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.068	8.971	9.171	44.170	50.000	-11.7
Endrin	6.571	6.472	6.672	44.210	50.000	-11.6
gamma-BHC (Lindane)	4.328	4.228	4.428	46.500	50.000	-7.0
Heptachlor	4.927	4.827	5.027	45.060	50.000	-9.9
Heptachlor epoxide	5.688	5.589	5.789	45.890	50.000	-8.2
Methoxychlor	7.490	7.392	7.592	43.220	50.000	-13.6
Tetrachloro-m-xylene	3.548	3.448	3.648	45.570	50.000	-8.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/15/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089935.D **Time Analyzed:** 20:39

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.065	7.968	8.168	49.970	50.000	-0.1
Endrin	5.785	5.685	5.885	58.980	50.000	18.0
gamma-BHC (Lindane)	3.727	3.626	3.826	55.740	50.000	11.5
Heptachlor	4.080	3.979	4.179	54.350	50.000	8.7
Heptachlor epoxide	4.869	4.769	4.969	54.750	50.000	9.5
Methoxychlor	6.748	6.650	6.850	57.120	50.000	14.2
Tetrachloro-m-xylene	2.878	2.778	2.978	55.190	50.000	10.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 20:39
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: Aug 18 01:53:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	112.4E6	874.0E6	45.572	55.187	
28)	SA Decachlor...	9.068	8.065	164.2E6	1003.2E6	44.172	49.965	
	Target Compounds							
2)	A alpha-BHC	3.998	3.391	231.4E6	1358.7E6	46.720	55.904	
3)	MA gamma-BHC...	4.328	3.727	221.0E6	1255.5E6	46.504	55.740	
4)	MA Heptachlor	4.927	4.080	216.8E6	1261.3E6	45.063	54.346	
5)	MB Aldrin	5.268	4.365	209.1E6	1240.7E6	45.798	55.760	
6)	B beta-BHC	4.514	4.023	85185617	530.3E6	46.179	54.955	
7)	B delta-BHC	4.763	4.259	211.7E6	1270.3E6	46.159	55.924	
8)	B Heptachlo...	5.688	4.869	191.8E6	1125.0E6	45.885	54.747	
9)	A Endosulfan I	6.072	5.243	175.8E6	990.8E6	44.356	50.683	
10)	B gamma-Chl...	5.943	5.121	186.9E6	1209.5E6	44.730	55.857	
11)	B alpha-Chl...	6.024	5.186	187.1E6	1156.8E6	44.514	55.557	
12)	B 4,4'-DDE	6.193	5.371	164.9E6	1178.7E6	44.216	55.764	#
13)	MA Dieldrin	6.344	5.508	185.7E6	1210.1E6	43.960	55.922	#
14)	MA Endrin	6.571	5.785	158.2E6	1175.1E6	44.205	58.975	#
15)	B Endosulfa...	6.784	6.076	160.2E6	1026.2E6	43.670	54.586	
16)	A 4,4'-DDD	6.702	5.925	138.5E6	981.7E6	46.239	55.676	
17)	MA 4,4'-DDT	7.018	6.179	141.3E6	1022.9E6	42.054	55.676	#
18)	B Endrin al...	6.913	6.254	112.6E6	728.1E6	45.107	56.350	
19)	B Endosulfa...	7.147	6.477	145.7E6	978.9E6	41.986	52.725	#
20)	A Methoxychlor	7.490	6.748	77281786	559.5E6	43.223	57.120	#
21)	B Endrin ke...	7.627	6.986	155.4E6	1010.2E6	41.833	50.336	
22)	Mirex	8.110	7.179	116.3E6	815.5E6	41.715	53.579	#

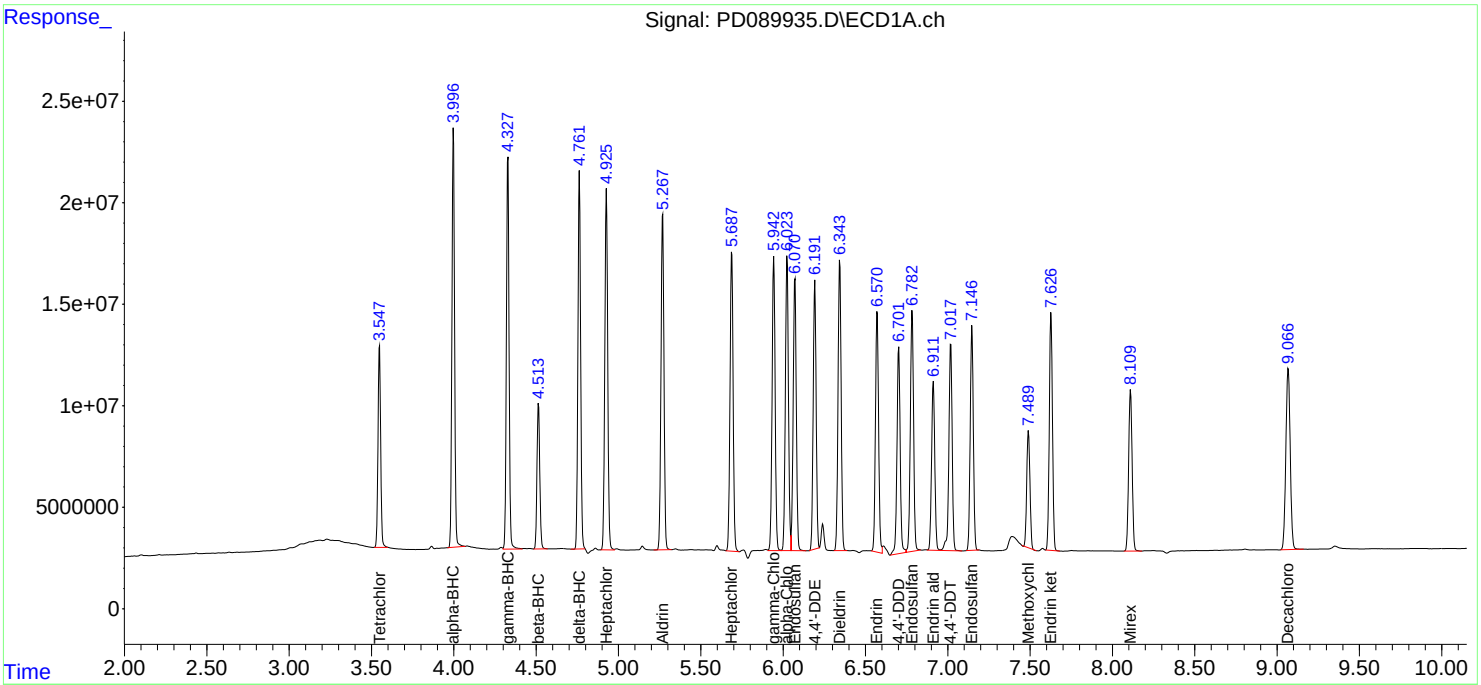
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

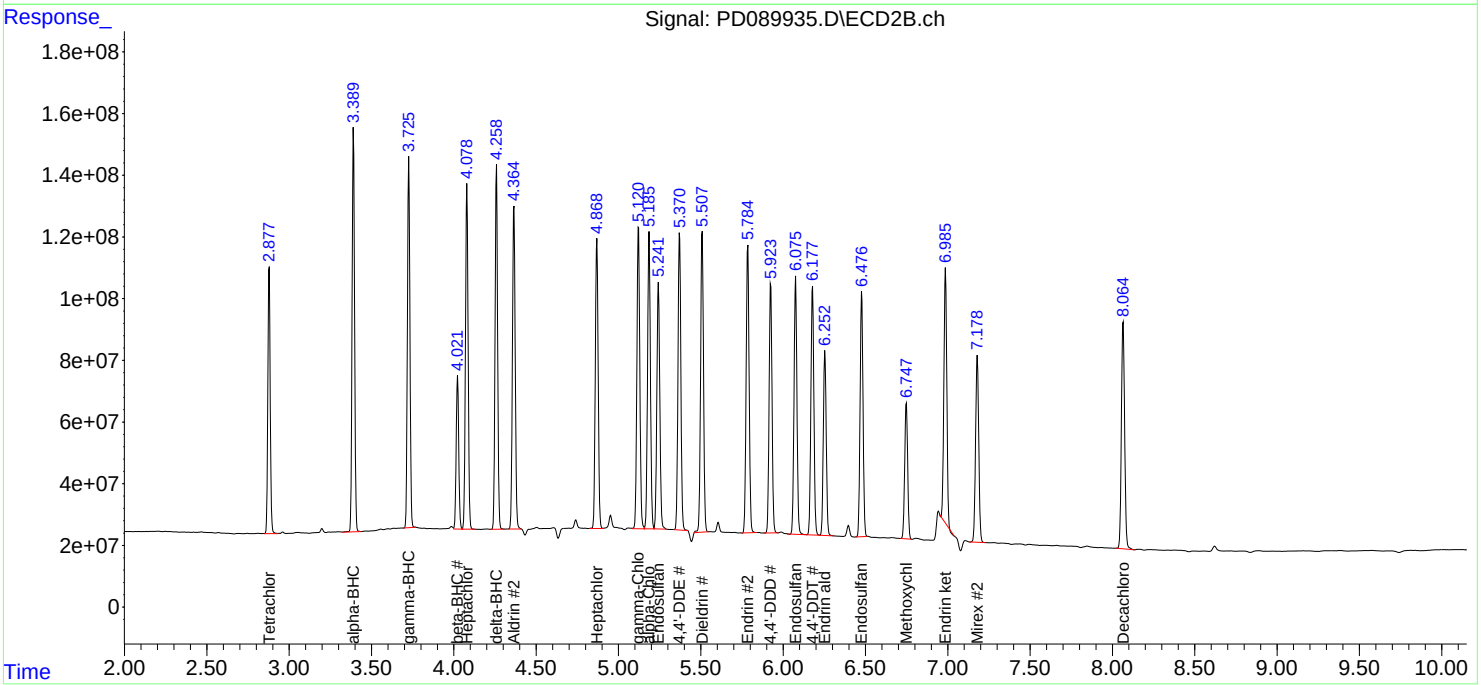
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 20:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





Raw Data: **PD089947.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/16/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 00:05 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
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	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

Raw Data: **PD089947.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Continuing Calib Date: 08/16/2025 **Initial Calibration Date(s):** 07/31/2025 07/31/2025

Continuing Calib Time: 00:05 **Initial Calibration Time(s):** 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
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	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

Raw Data: **PD089947.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/16/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089947.D **Time Analyzed:** 00:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.971	9.171	43.440	50.000	-13.1
Endrin	6.572	6.472	6.672	45.050	50.000	-9.9
gamma-BHC (Lindane)	4.329	4.228	4.428	47.250	50.000	-5.5
Heptachlor	4.927	4.827	5.027	45.500	50.000	-9.0
Heptachlor epoxide	5.688	5.589	5.789	45.580	50.000	-8.8
Methoxychlor	7.490	7.392	7.592	43.920	50.000	-12.2
Tetrachloro-m-xylene	3.549	3.448	3.648	46.330	50.000	-7.3

Raw Data: **PD089947.D**

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/16/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD089947.D **Time Analyzed:** 00:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.968	8.168	49.230	50.000	-1.5
Endrin	5.786	5.685	5.885	63.120	50.000	26.2
gamma-BHC (Lindane)	3.727	3.626	3.826	56.770	50.000	13.5
Heptachlor	4.079	3.979	4.179	55.190	50.000	10.4
Heptachlor epoxide	4.869	4.769	4.969	55.650	50.000	11.3
Methoxychlor	6.749	6.650	6.850	57.690	50.000	15.4
Tetrachloro-m-xylene	2.879	2.778	2.978	55.970	50.000	11.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2025 00:05
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: Aug 18 01:56:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	114.3E6	886.4E6	46.333	55.968	
28)	SA Decachlor...	9.067	8.066	161.4E6	988.4E6	43.438	49.226	
	Target Compounds							
2)	A alpha-BHC	3.998	3.390	235.0E6	1381.8E6	47.434	56.855	
3)	MA gamma-BHC...	4.329	3.727	224.6E6	1278.7E6	47.255	56.768	
4)	MA Heptachlor	4.927	4.079	218.9E6	1280.9E6	45.500	55.189	
5)	MB Aldrin	5.268	4.365	211.1E6	1262.7E6	46.241	56.751	
6)	B beta-BHC	4.515	4.023	86505680	538.9E6	46.895	55.846	
7)	B delta-BHC	4.763	4.259	214.8E6	1290.1E6	46.846	56.794	
8)	B Heptachlo...	5.688	4.869	190.6E6	1143.6E6	45.579	55.652	
9)	A Endosulfan I	6.072	5.242	176.8E6	997.1E6	44.609	51.006	
10)	B gamma-Chl...	5.943	5.121	187.1E6	1225.8E6	44.770	56.609	#
11)	B alpha-Chl...	6.024	5.186	187.6E6	1170.7E6	44.633	56.225	#
12)	B 4,4'-DDE	6.193	5.371	164.0E6	1193.0E6	43.961	56.439	#
13)	MA Dieldrin	6.344	5.508	185.9E6	1220.5E6	44.026	56.403	#
14)	MA Endrin	6.572	5.786	161.2E6	1257.7E6	45.051	63.123	#
15)	B Endosulfa...	6.784	6.076	161.4E6	1030.1E6	43.984	54.795	
16)	A 4,4'-DDD	6.702	5.925	140.2E6	987.7E6	46.800	56.018	
17)	MA 4,4'-DDT	7.018	6.179	142.2E6	1027.2E6	42.313	55.910	#
18)	B Endrin al...	6.912	6.254	112.9E6	733.9E6	45.225	56.799	#
19)	B Endosulfa...	7.147	6.477	146.5E6	989.3E6	42.216	53.288	#
20)	A Methoxychlor	7.490	6.749	78525285	565.1E6	43.919	57.685	#
21)	B Endrin ke...	7.627	6.987	155.3E6	1038.5E6	41.824	51.750	
22)	Mirex	8.109	7.180	115.1E6	811.8E6	41.282	53.337	#

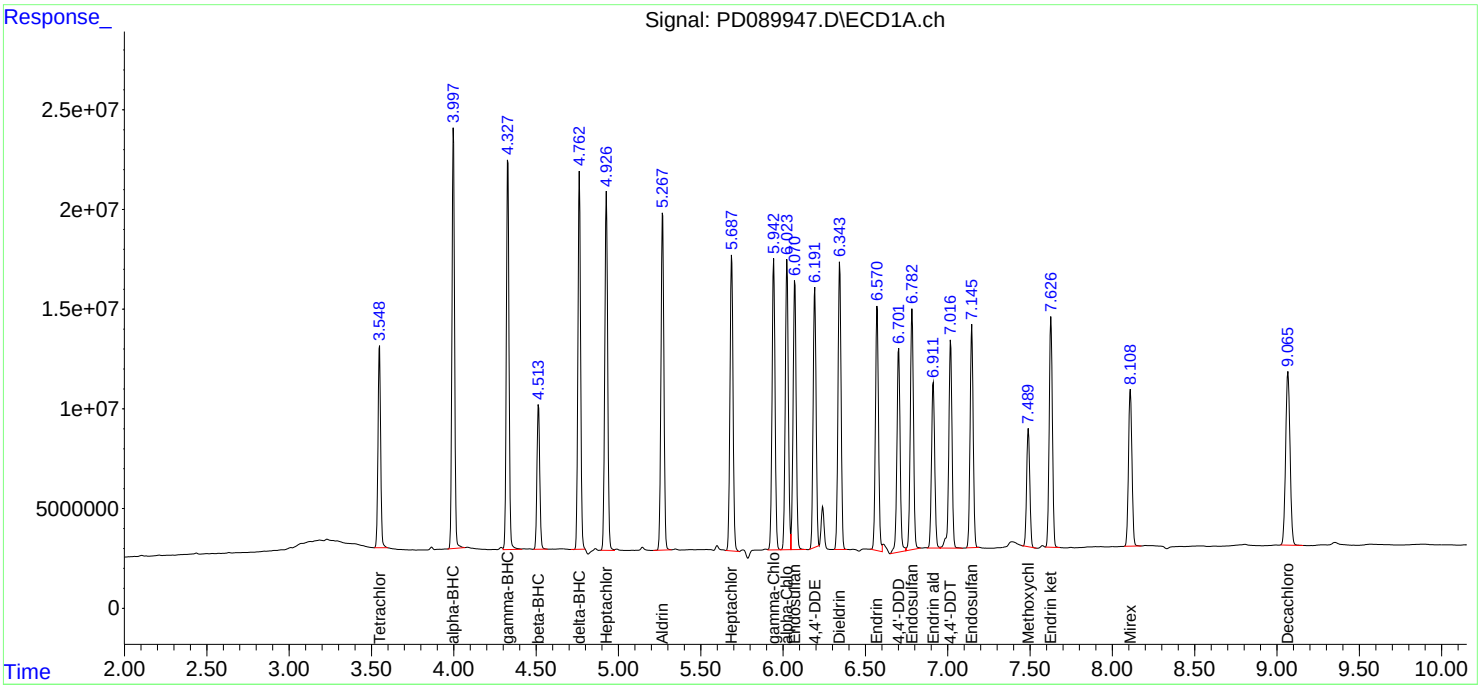
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

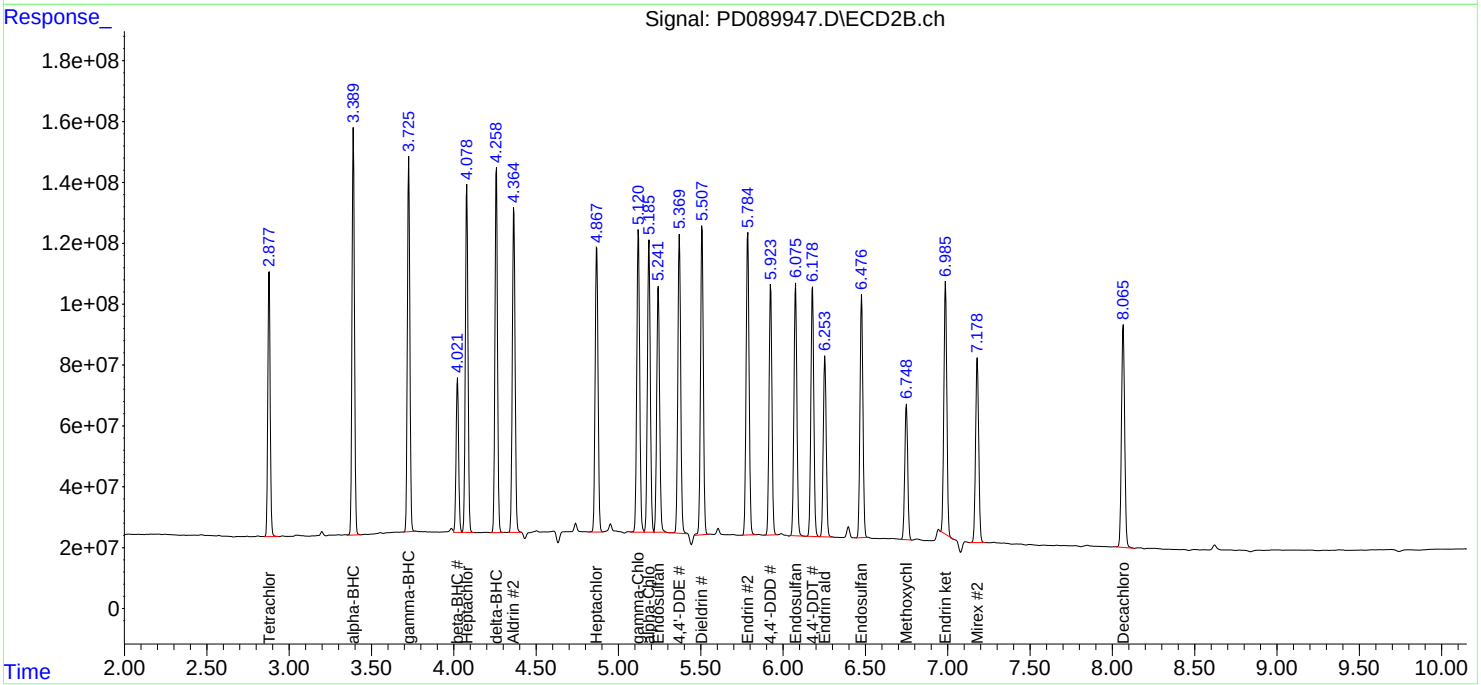
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2025 00:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:56:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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 0.25µm





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Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D **Date Analyzed:** 07/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.070	8.970	9.170	21.540	20.000	7.7
Tetrachloro-m-xylene	3.548	3.500	3.600	20.670	20.000	3.4
alpha-BHC	3.997	3.950	4.050	9.820	10.000	-1.8
beta-BHC	4.514	4.460	4.560	10.760	10.000	7.6
gamma-BHC (Lindane)	4.328	4.280	4.380	10.080	10.000	0.8
Endrin	6.572	6.500	6.640	54.730	50.000	9.5
4,4'-DDT	7.020	6.950	7.090	108.560	100.000	8.6
Methoxychlor	7.491	7.420	7.560	258.930	250.000	3.6

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D **Date Analyzed:** 07/31/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:47

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.068	7.970	8.170	22.080	20.000	10.4
Tetrachloro-m-xylene	2.878	2.830	2.930	21.990	20.000	10.0
alpha-BHC	3.390	3.340	3.440	11.660	10.000	16.6
beta-BHC	4.022	3.970	4.070	11.840	10.000	18.4
gamma-BHC (Lindane)	3.726	3.680	3.780	11.700	10.000	17.0
Endrin	5.785	5.710	5.860	54.470	50.000	8.9
4,4'-DDT	6.179	6.110	6.250	108.020	100.000	8.0
Methoxychlor	6.750	6.680	6.820	237.190	250.000	-5.1

PEM

Data File: PD089686.D **Date Acquired** 7/31/2025 10:47

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
					Down
Endrin	6.57	195800927	198957010.7	3156083.71	**1.59**
Endrin aldehyde	6.92	642295.992			
Endrin ketone	7.63	2513787.715			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	1085241845	1112231636	26989790.8	**2.43**
Endrin aldehyde #2	6.25	9551952.382			
Endrin ketone #2	6.98	17437838.39			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	364771708.3	367822517.1	3050808.84	**0.83**
4,4'-DDE	6.20	669534.489			
4,4'-DDD	6.70	2381274.353			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.18	1984665033	2003214267	18549234.1	**0.93**
4,4'-DDE #2	5.37	2329969.565			
4,4'-DDD #2	5.93	16219264.57			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 10:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/01/2025
Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:05:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	50972762	348.2E6	20.665	21.988
28)	SA Decachlor...	9.070	8.068	80035568	443.4E6	21.537	22.084
	Target Compounds						
2)	A alpha-BHC	3.997	3.390	48629241	283.5E6	9.817	11.664
3)	MA gamma-BHC...	4.328	3.726	47886972	263.6E6	10.076	11.702
6)	B beta-BHC	4.514	4.022	19846516	114.3E6	10.759	11.842
12)	B 4,4'-DDE	6.196	5.371	669534	2329970	0.180m	0.110m#
14)	MA Endrin	6.572	5.785	195.8E6	1085.2E6	54.728	54.466
16)	A 4,4'-DDD	6.703	5.926	2381274	16219265	0.795	0.920m
17)	MA 4,4'-DDT	7.020	6.179	364.8E6	1984.7E6	108.555	108.023
18)	B Endrin al...	6.915	6.253	642296	9551952	0.257	0.739 #
20)	A Methoxychlor	7.491	6.750	463.0E6	2323.4E6	258.926	237.192
21)	B Endrin ke...	7.627	6.985	2513788	17437838	0.677m	0.869m#

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

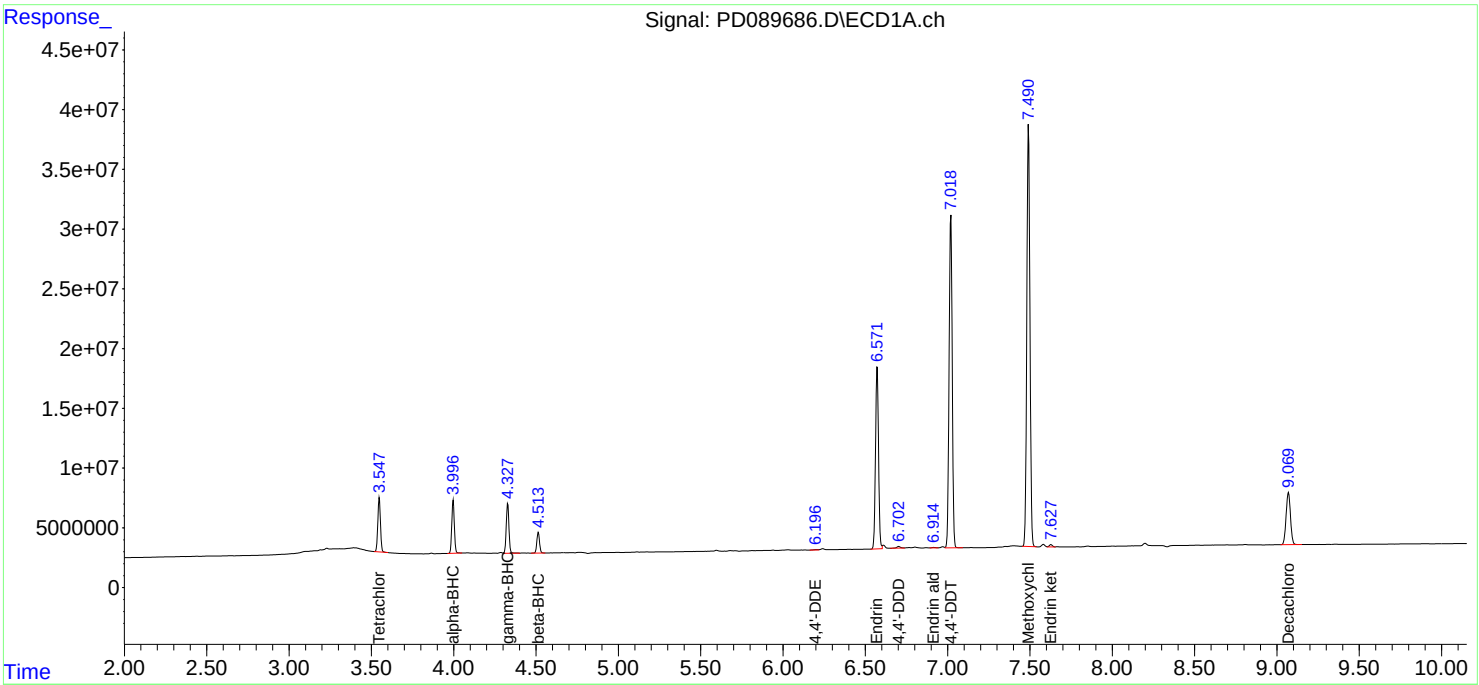
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089686.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 10:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

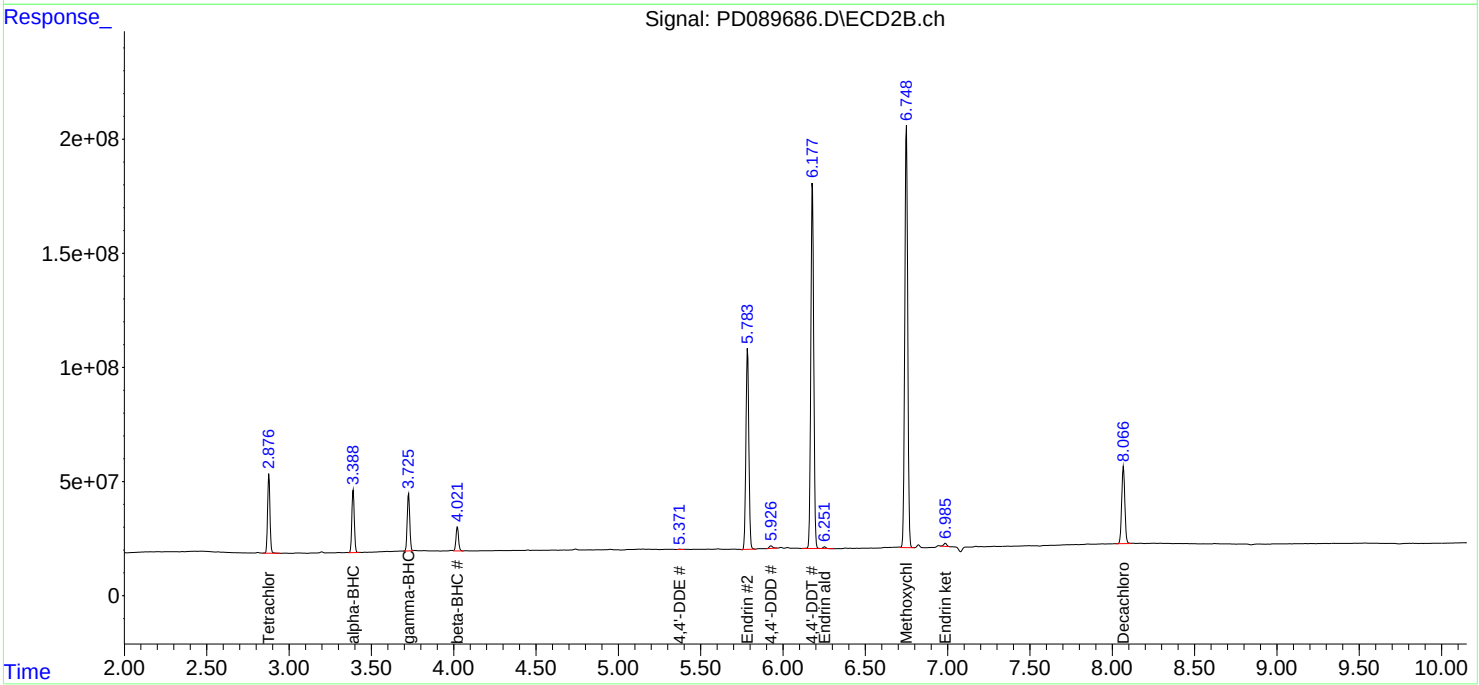
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 08/01/2025
Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:05:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





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Fax : 908 789 8922

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089905.D **Date Analyzed:** 08/15/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:51

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.069	8.970	9.170	17.640	20.000	-11.8
Tetrachloro-m-xylene	3.549	3.500	3.600	18.190	20.000	-9.1
alpha-BHC	3.998	3.950	4.050	8.690	10.000	-13.1
beta-BHC	4.515	4.460	4.570	9.900	10.000	-1.0
gamma-BHC (Lindane)	4.329	4.280	4.380	9.180	10.000	-8.2
Endrin	6.572	6.500	6.640	44.810	50.000	-10.4
4,4'-DDT	7.019	6.950	7.090	82.830	100.000	-17.2
Methoxychlor	7.491	7.420	7.560	192.090	250.000	-23.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089905.D **Date Analyzed:** 08/15/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:51

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.970	8.170	22.150	20.000	10.8
Tetrachloro-m-xylene	2.878	2.830	2.930	22.930	20.000	14.7
alpha-BHC	3.390	3.340	3.440	12.470	10.000	24.7
beta-BHC	4.022	3.970	4.070	12.280	10.000	22.8
gamma-BHC (Lindane)	3.727	3.680	3.780	12.320	10.000	23.2
Endrin	5.785	5.710	5.860	56.160	50.000	12.3
4,4'-DDT	6.178	6.110	6.250	107.180	100.000	7.2
Methoxychlor	6.748	6.680	6.820	212.250	250.000	-15.1

PEM

Data File: PD089905.D **Date Acquired** 8/15/2025 9:51

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down** Down
Endrin	6.57	160321551.1	165078133.8	4756582.75	**2.88**
Endrin aldehyde	6.91	1169912.189			
Endrin ketone	7.63	3586670.557			

Column #2

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down**
Endrin #2	5.79	1118978425	1181843879	62865453.9	**5.32**
Endrin aldehyde #2	6.25	14986495.81			
Endrin ketone #2	6.98	47878958.06			

DDT BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT	7.02	278336859	282830320.4	4493461.39	**1.59**
4,4'-DDE	6.20	573433.783			
4,4'-DDD	6.70	3920027.603			

Column #2

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT #2	6.18	1969146892	2005228577	36081684.8	**1.80**
4,4'-DDE #2	5.37	2578539.169			
4,4'-DDD #2	5.93	33503145.63			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 09:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	44858826	363.1E6	18.187	22.925 #
28)	SA Decachlor...	9.069	8.066	65545586	444.6E6	17.638	22.146 #
	Target Compounds						
2)	A alpha-BHC	3.998	3.390	43068367	303.0E6	8.694	12.467 #
3)	MA gamma-BHC...	4.329	3.727	43629196	277.5E6	9.181	12.322 #
6)	B beta-BHC	4.515	4.022	18260050	118.4E6	9.899	12.275
12)	B 4,4'-DDE	6.195	5.372	573434	2578539	0.154m	0.122m
14)	MA Endrin	6.572	5.785	160.3E6	1119.0E6	44.811	56.159 #
16)	A 4,4'-DDD	6.701	5.926	3920028	33503146	1.309m	1.900 #
17)	MA 4,4'-DDT	7.019	6.178	278.3E6	1969.1E6	82.832	107.178 #
18)	B Endrin al...	6.914	6.252	1169912	14986496	0.469	1.160 #
20)	A Methoxychlor	7.491	6.748	343.4E6	2079.1E6	192.087	212.254
21)	B Endrin ke...	7.626	6.983	3586671	47878958	0.966m	2.386m#

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

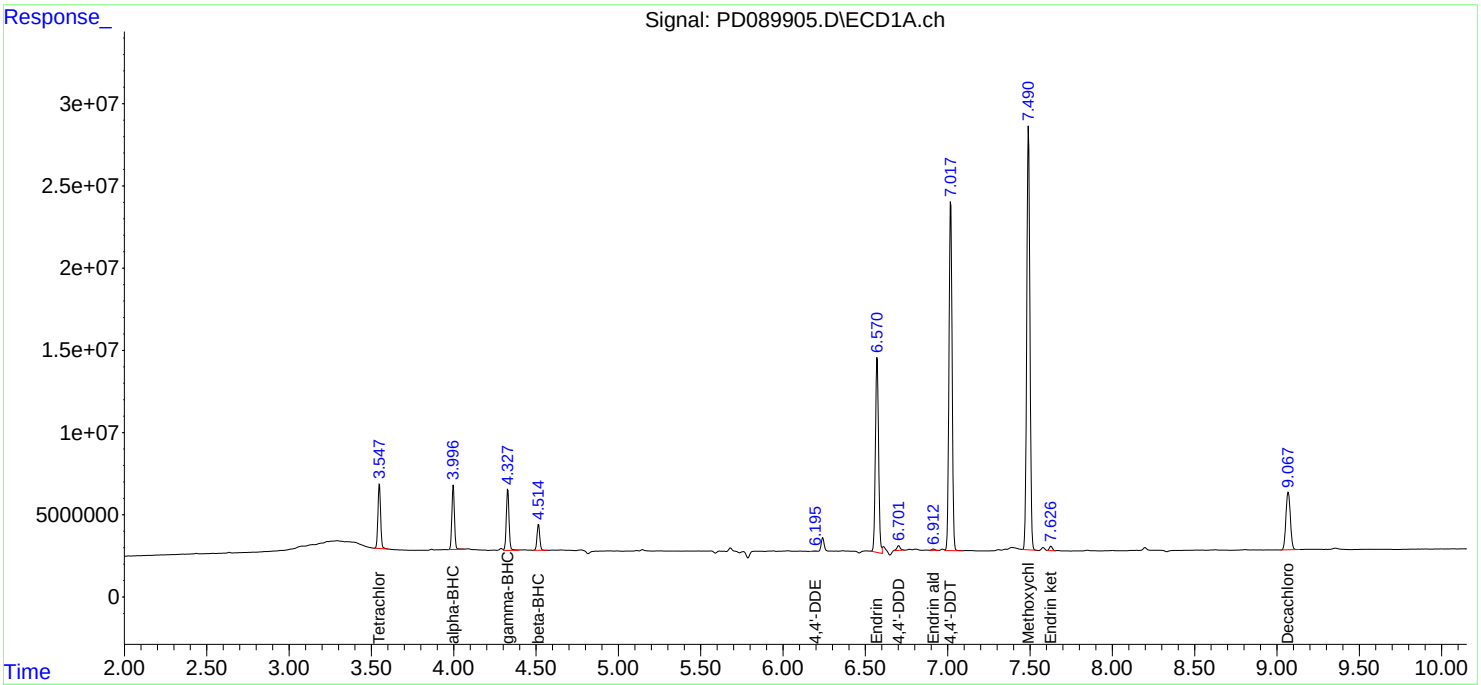
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 09:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

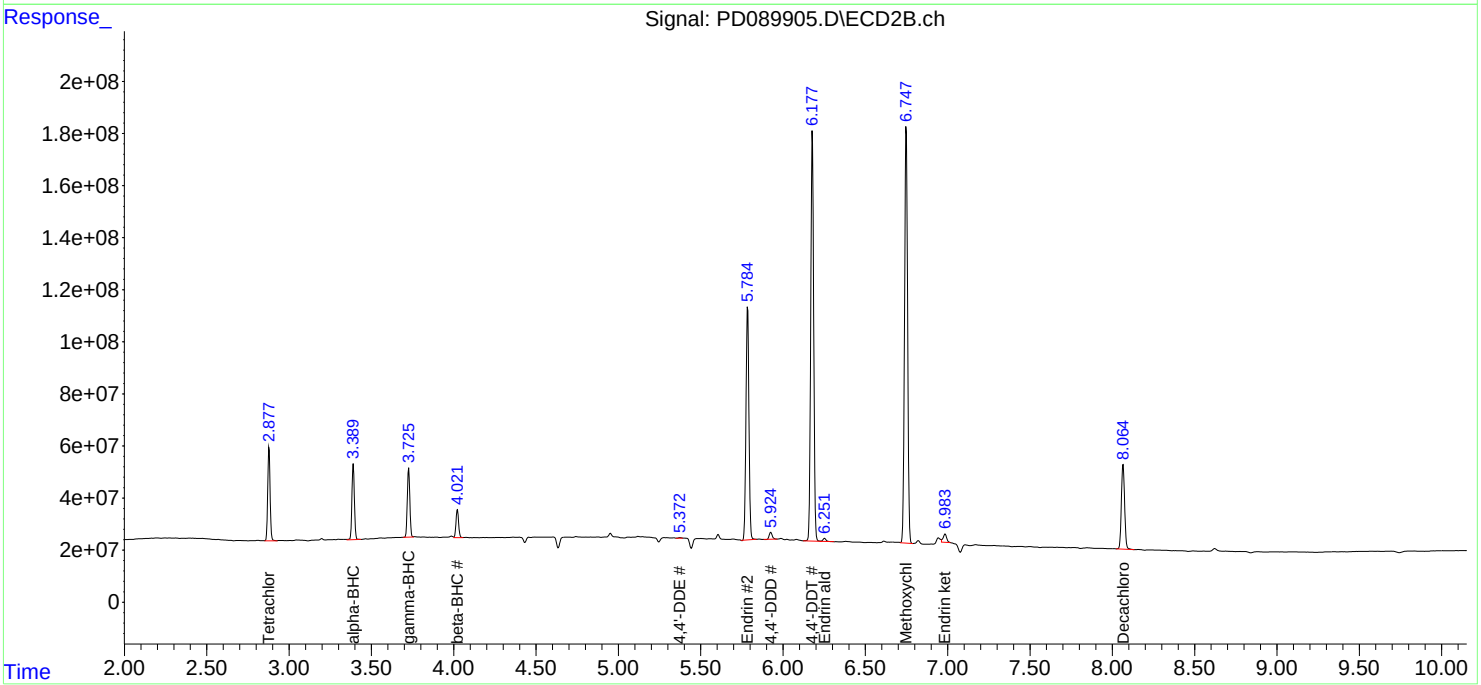
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089926.D **Date Analyzed:** 08/15/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:33

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.068	8.970	9.170	18.370	20.000	-8.2
Tetrachloro-m-xylene	3.548	3.500	3.600	18.110	20.000	-9.5
alpha-BHC	3.997	3.950	4.050	8.580	10.000	-14.2
beta-BHC	4.514	4.460	4.560	9.770	10.000	-2.3
gamma-BHC (Lindane)	4.327	4.280	4.380	8.750	10.000	-12.5
Endrin	6.572	6.500	6.640	44.840	50.000	-10.3
4,4'-DDT	7.018	6.950	7.090	83.400	100.000	-16.6
Methoxychlor	7.490	7.420	7.560	194.930	250.000	-22.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089926.D **Date Analyzed:** 08/15/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 18:33

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.970	8.170	20.880	20.000	4.4
Tetrachloro-m-xylene	2.878	2.830	2.930	22.770	20.000	13.9
alpha-BHC	3.389	3.340	3.440	12.060	10.000	20.6
beta-BHC	4.022	3.970	4.070	12.250	10.000	22.5
gamma-BHC (Lindane)	3.727	3.680	3.780	12.270	10.000	22.7
Endrin	5.785	5.710	5.860	57.440	50.000	14.9
4,4'-DDT	6.178	6.110	6.250	108.480	100.000	8.5
Methoxychlor	6.749	6.680	6.820	221.330	250.000	-11.5

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	44680830	360.6E6	18.114	22.766 #
28)	SA Decachlor...	9.068	8.066	68277163	419.2E6	18.373	20.878
	Target Compounds						
2)	A alpha-BHC	3.997	3.389	42505578	293.0E6	8.581	12.057m#
3)	MA gamma-BHC...	4.327	3.727	41561315	276.3E6	8.745m	12.267 #
6)	B beta-BHC	4.514	4.022	18024628	118.2E6	9.771	12.245 #
14)	MA Endrin	6.572	5.785	160.4E6	1144.6E6	44.837	57.443 #
16)	A 4,4'-DDD	6.701	5.925	4005705	32800960	1.338m	1.860 #
17)	MA 4,4'-DDT	7.018	6.178	280.2E6	1993.0E6	83.396	108.478 #
18)	B Endrin al...	6.913	6.252	1182484	15215097	0.474	1.178 #
20)	A Methoxychlor	7.490	6.749	348.5E6	2168.1E6	194.931	221.333
21)	B Endrin ke...	7.627	6.983	2569173	55386340	0.692	2.760m#

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

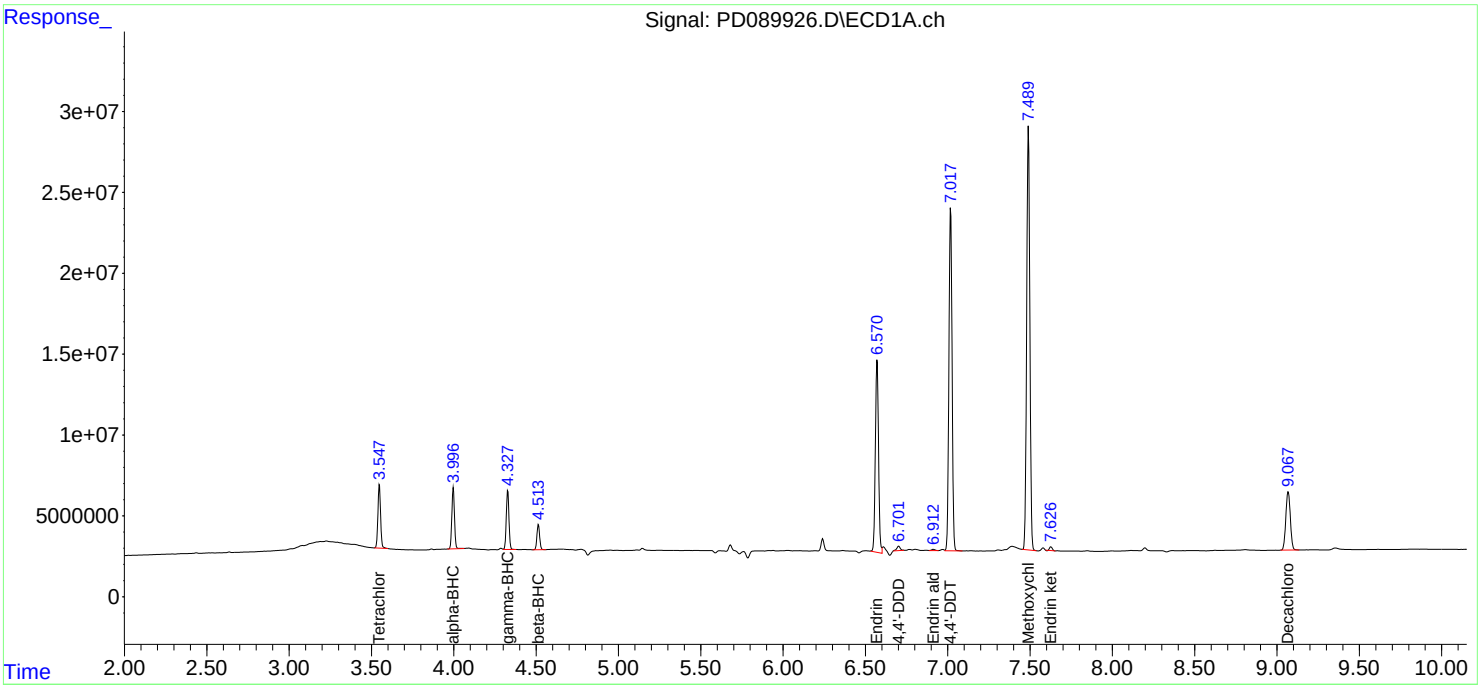
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

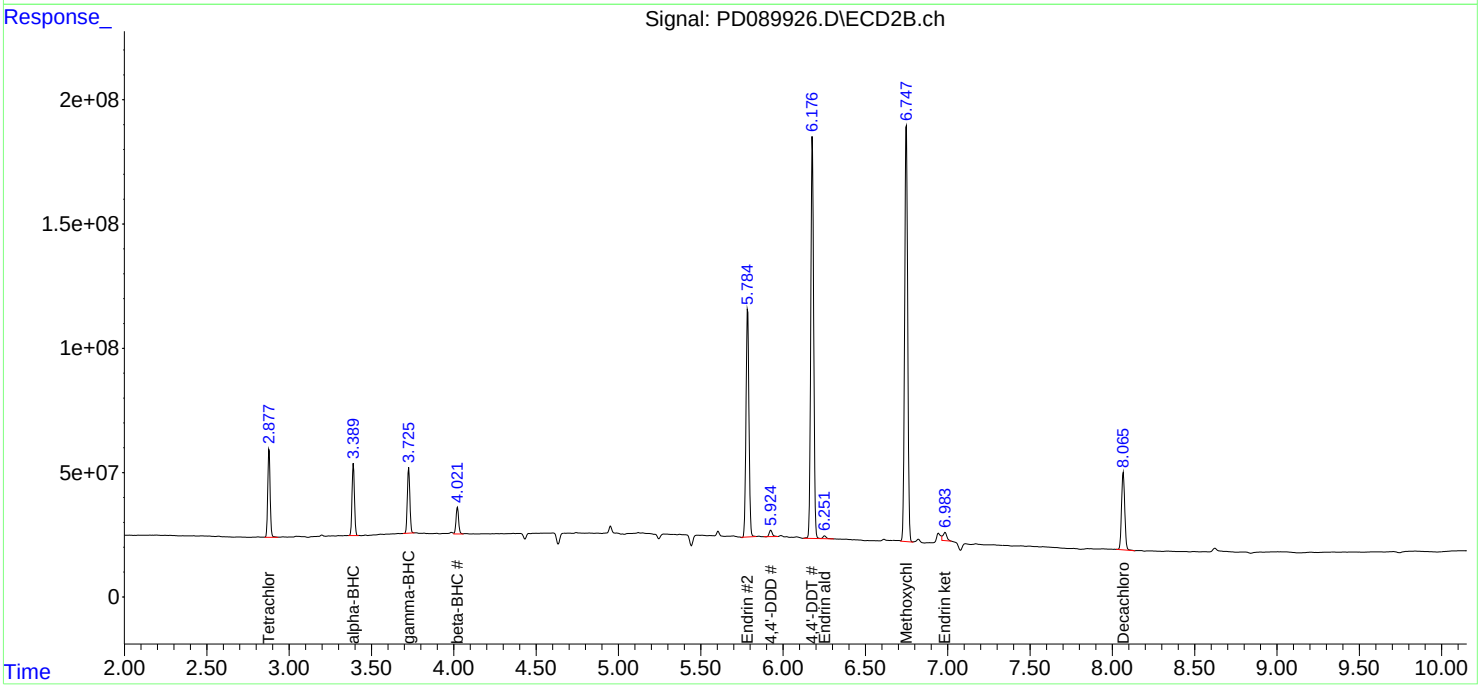
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





Chromatographic Resolution Report

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089687.D
Acq On : 31 Jul 2025 11:34
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\PD073125.M
Title : GC Extractables
Last Update : Fri Aug 01 07:03:58 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.555	5.952	100.00%
5.952	6.080	100.00%
6.080	6.202	100.00%
6.202	6.353	100.00%
6.353	7.156	100.00%
7.156	7.501	100.00%
7.501	7.637	100.00%
7.637	9.080	100.00%

Signal #2

2.877	5.123	100.00%
5.123	5.243	100.00%
5.243	5.372	100.00%
5.372	5.510	100.00%
5.510	6.480	100.00%
6.480	6.752	100.00%
6.752	6.989	100.00%
6.989	8.070	100.00%

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 11:34
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: Aug 01 07:05:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.877	43497342	289.6E6	17.635	18.287
28)	SA Decachlor...	9.080	8.070	68540687	368.9E6	18.443	18.373
	Target Compounds						
9)	A Endosulfan I	6.080	5.243	32929310	180.8E6	8.308	9.250
10)	B gamma-Chl...	5.952	5.123	36168921	212.0E6	8.655	9.788
12)	B 4,4'-DDE	6.202	5.372	65872916	408.9E6	17.661	19.345
13)	MA Dieldrin	6.353	5.510	73492529	408.2E6	17.401	18.863
19)	B Endosulfa...	7.156	6.480	62490576	353.7E6	18.008	19.054
20)	A Methoxychlor	7.501	6.752	158.7E6	839.7E6	88.775	85.727
21)	B Endrin ke...	7.637	6.989	66017266	381.6E6	17.775	19.017

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

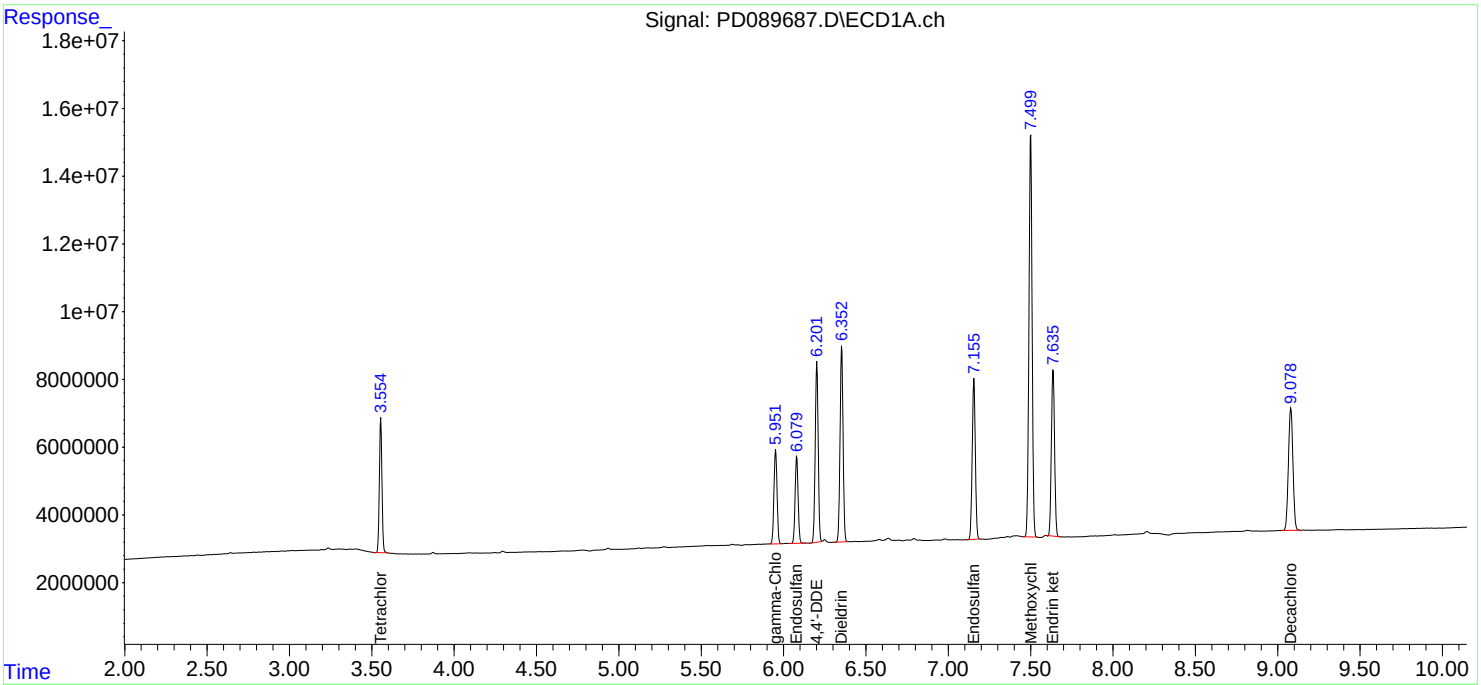
Quantitation Report (QT Reviewed)

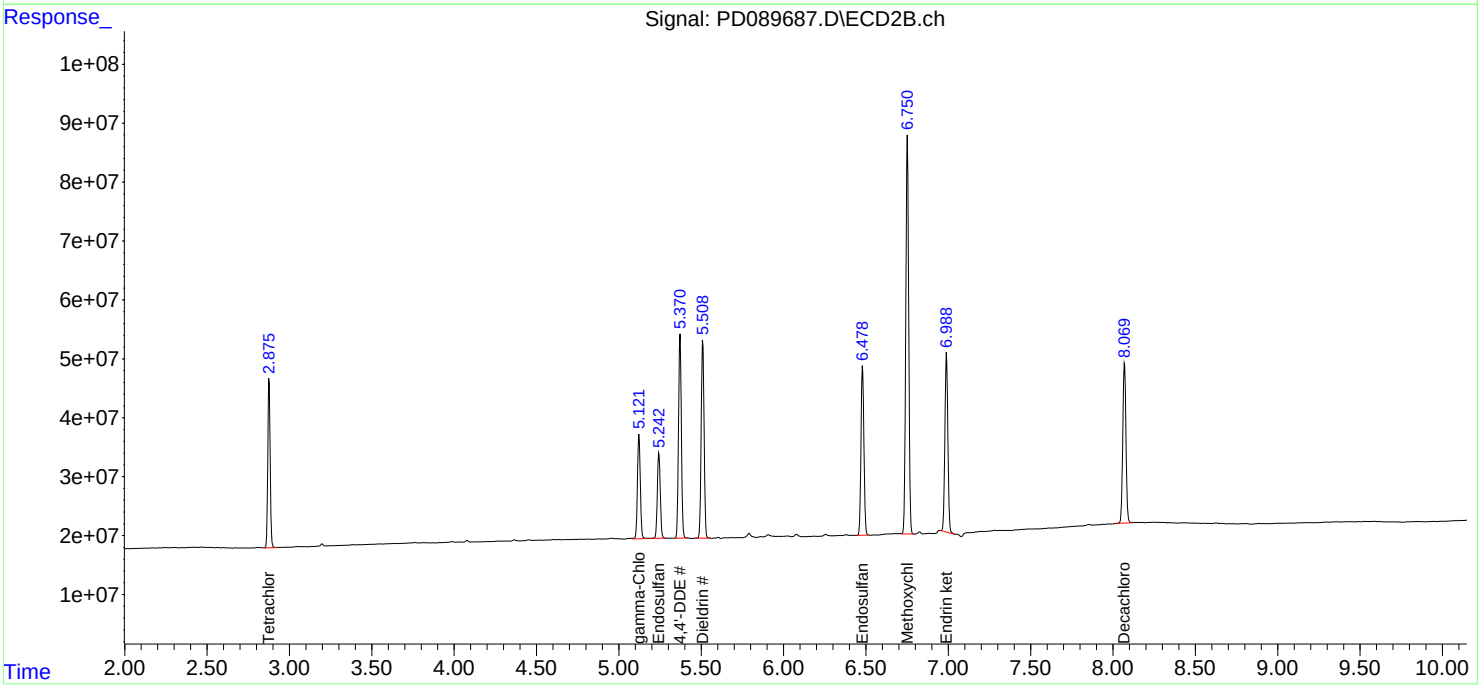
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 11:34
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
RESCHK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:05:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

Analytical Sequence

Client: ENTACT **SDG No.:** Q2836

Project: 540 Degraw St, Brooklyn, NY - E9309 **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/31/2025 07/31/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/31/2025	10:33	PD089685.D	9.08	3.56
PEM	PEM	07/31/2025	10:47	PD089686.D	9.07	3.55
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	9.08	3.56
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	9.07	3.55
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	9.07	3.55
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	9.07	3.55
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	9.07	3.55
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	9.07	3.55
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	9.07	3.55
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	9.07	3.55
PEM	PEM	08/15/2025	09:51	PD089905.D	9.07	3.55
I.BLK	I.BLK	08/15/2025	13:12	PD089913.D	9.08	3.56
PSTDCCC050	PSTDCCC050	08/15/2025	13:53	PD089914.D	9.07	3.55
TG-S01MS	Q2832-02MS	08/15/2025	16:57	PD089920.D	9.07	3.55
TG-S01MSD	Q2832-02MSD	08/15/2025	17:10	PD089921.D	9.07	3.55
I.BLK	I.BLK	08/15/2025	18:20	PD089925.D	9.07	3.55
PEM	PEM	08/15/2025	18:33	PD089926.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/15/2025	18:47	PD089927.D	9.07	3.55
WC-A2-15-C	Q2836-03	08/15/2025	19:17	PD089929.D	9.07	3.55
WC-A2-16-C	Q2836-07	08/15/2025	19:31	PD089930.D	9.07	3.55
WC-A2-17-C	Q2836-11	08/15/2025	19:45	PD089931.D	9.07	3.55
WC-A5-02-C	Q2836-15	08/15/2025	19:58	PD089932.D	9.07	3.55
I.BLK	I.BLK	08/15/2025	20:26	PD089934.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/15/2025	20:39	PD089935.D	9.07	3.55
PB169263BL	PB169263BL	08/15/2025	21:34	PD089936.D	9.07	3.55
PB169263BS	PB169263BS	08/15/2025	21:48	PD089937.D	9.07	3.55
PB169212TB	PB169212TB	08/15/2025	22:02	PD089938.D	9.07	3.55
I.BLK	I.BLK	08/15/2025	23:38	PD089945.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/16/2025	00:05	PD089947.D	9.07	3.55

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

Analytical Sequence

Client: ENTACT **SDG No.:** Q2836

Project: 540 Degraw St, Brooklyn, NY - E9309 **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/31/2025 07/31/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/31/2025	10:33	PD089685.D	8.07	2.88
PEM	PEM	07/31/2025	10:47	PD089686.D	8.07	2.88
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	8.07	2.88
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	8.07	2.88
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	8.07	2.88
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	8.07	2.88
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	8.07	2.88
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	8.07	2.88
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	8.07	2.88
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	8.07	2.88
PEM	PEM	08/15/2025	09:51	PD089905.D	8.07	2.88
I.BLK	I.BLK	08/15/2025	13:12	PD089913.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/15/2025	13:53	PD089914.D	8.07	2.88
TG-S01MS	Q2832-02MS	08/15/2025	16:57	PD089920.D	8.07	2.88
TG-S01MSD	Q2832-02MSD	08/15/2025	17:10	PD089921.D	8.07	2.88
I.BLK	I.BLK	08/15/2025	18:20	PD089925.D	8.07	2.88
PEM	PEM	08/15/2025	18:33	PD089926.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/15/2025	18:47	PD089927.D	8.07	2.88
WC-A2-15-C	Q2836-03	08/15/2025	19:17	PD089929.D	8.07	2.88
WC-A2-16-C	Q2836-07	08/15/2025	19:31	PD089930.D	8.07	2.88
WC-A2-17-C	Q2836-11	08/15/2025	19:45	PD089931.D	8.07	2.88
WC-A5-02-C	Q2836-15	08/15/2025	19:58	PD089932.D	8.07	2.88
I.BLK	I.BLK	08/15/2025	20:26	PD089934.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/15/2025	20:39	PD089935.D	8.07	2.88
PB169263BL	PB169263BL	08/15/2025	21:34	PD089936.D	8.07	2.88
PB169263BS	PB169263BS	08/15/2025	21:48	PD089937.D	8.07	2.88
PB169212TB	PB169212TB	08/15/2025	22:02	PD089938.D	8.07	2.88
I.BLK	I.BLK	08/15/2025	23:38	PD089945.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/16/2025	00:05	PD089947.D	8.07	2.88

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169263BS

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Lab Sample ID: PB169263BS **Date(s) Analyzed:** 08/15/2025 08/15/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	0.44	25.5
	2	6.75	6.70	6.80	0.56	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.48	18.2
	2	3.73	3.68	3.78	0.58	
Heptachlor	1	4.93	4.88	4.98	0.47	18
	2	4.08	4.03	4.13	0.56	
Heptachlor epoxide	1	5.69	5.64	5.74	0.47	20.2
	2	4.87	4.82	4.92	0.57	
Endrin	1	6.57	6.52	6.62	0.46	22.4
	2	5.79	5.74	5.84	0.57	

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Fax : 908 789 8922

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TG-S01MS

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Lab Sample ID: Q2832-02MS **Date(s) Analyzed:** 08/15/2025 08/15/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	4.30	20.8
	2	6.75	6.70	6.80	5.30	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.10	14.5
	2	3.73	3.68	3.78	5.90	
Heptachlor	1	4.93	4.88	4.98	4.60	16
	2	4.08	4.03	4.13	5.40	
Heptachlor epoxide	1	5.69	5.64	5.74	4.70	21
	2	4.87	4.82	4.92	5.80	
Endrin	1	6.57	6.52	6.62	4.70	17.5
	2	5.79	5.74	5.84	5.60	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TG-S01MSD

Lab Name: Alliance **Contract:** ENTA05

Lab Code: ACE **SDG NO.:** Q2836

Lab Sample ID: Q2832-02MSD **Date(s) Analyzed:** 08/15/2025 08/15/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	4.30	22.7
	2	6.75	6.70	6.80	5.40	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.10	14.5
	2	3.73	3.68	3.78	5.90	
Heptachlor	1	4.93	4.88	4.98	4.60	17.8
	2	4.08	4.03	4.13	5.50	
Heptachlor epoxide	1	5.69	5.64	5.74	4.80	18.9
	2	4.87	4.82	4.92	5.80	
Endrin	1	6.57	6.52	6.62	4.70	21
	2	5.79	5.74	5.84	5.80	

QC SAMPLE DATA

Raw Data: **PD089936.D**

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169263BL	SDG No.:	Q2836
Lab Sample ID:	PB169263BL	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
PD089936.D	1	08/15/25 09:50	08/15/25 21:34	PB169263

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	26.0		30 (57) - 150 (171)	130%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.3		30 (61) - 150 (148)	131%	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

Quantitation Report (QT Reviewed)

Sample Results: **PD089936.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 21:34
Operator : AR\AJ
Sample : PB169263BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169263BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	50362425	415.9E6	20.418	26.262 #
28)	SA Decachlor...	9.068	8.065	82929624	522.9E6	22.315	26.044
	Target Compounds						

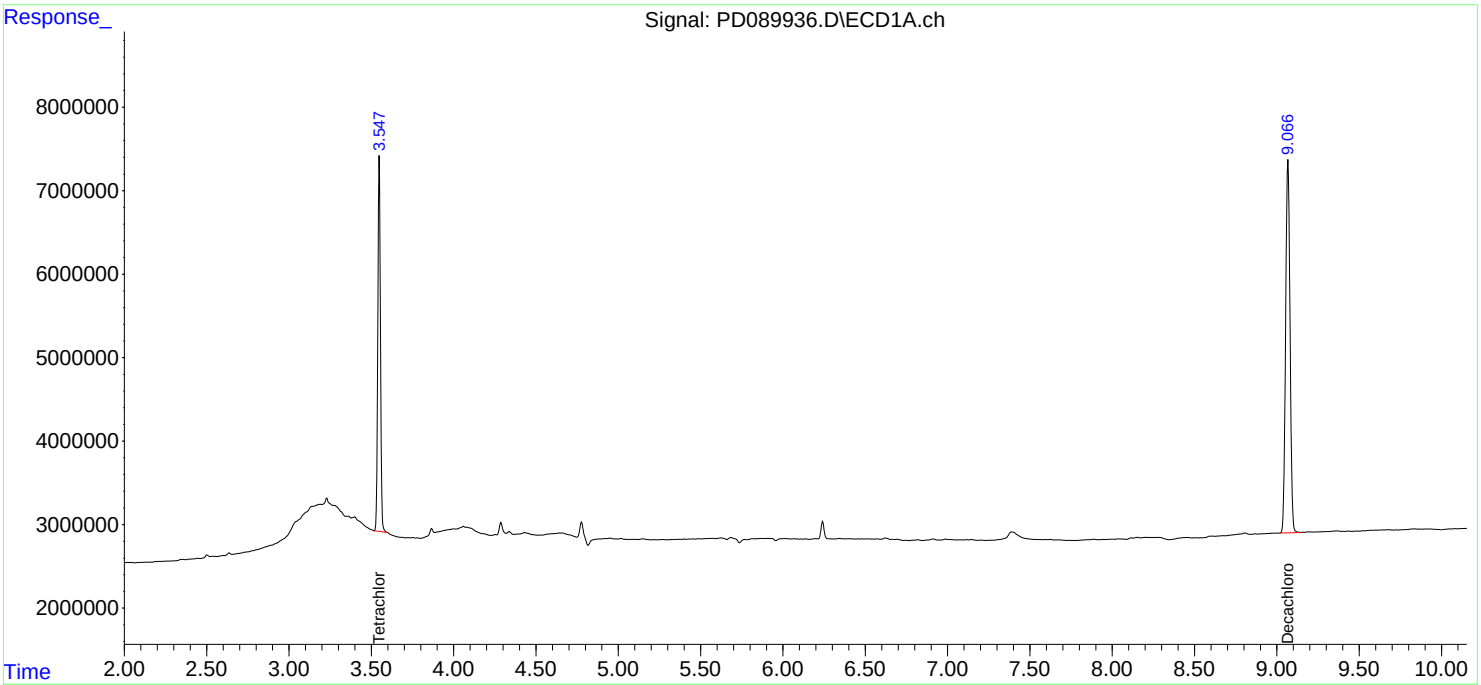
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

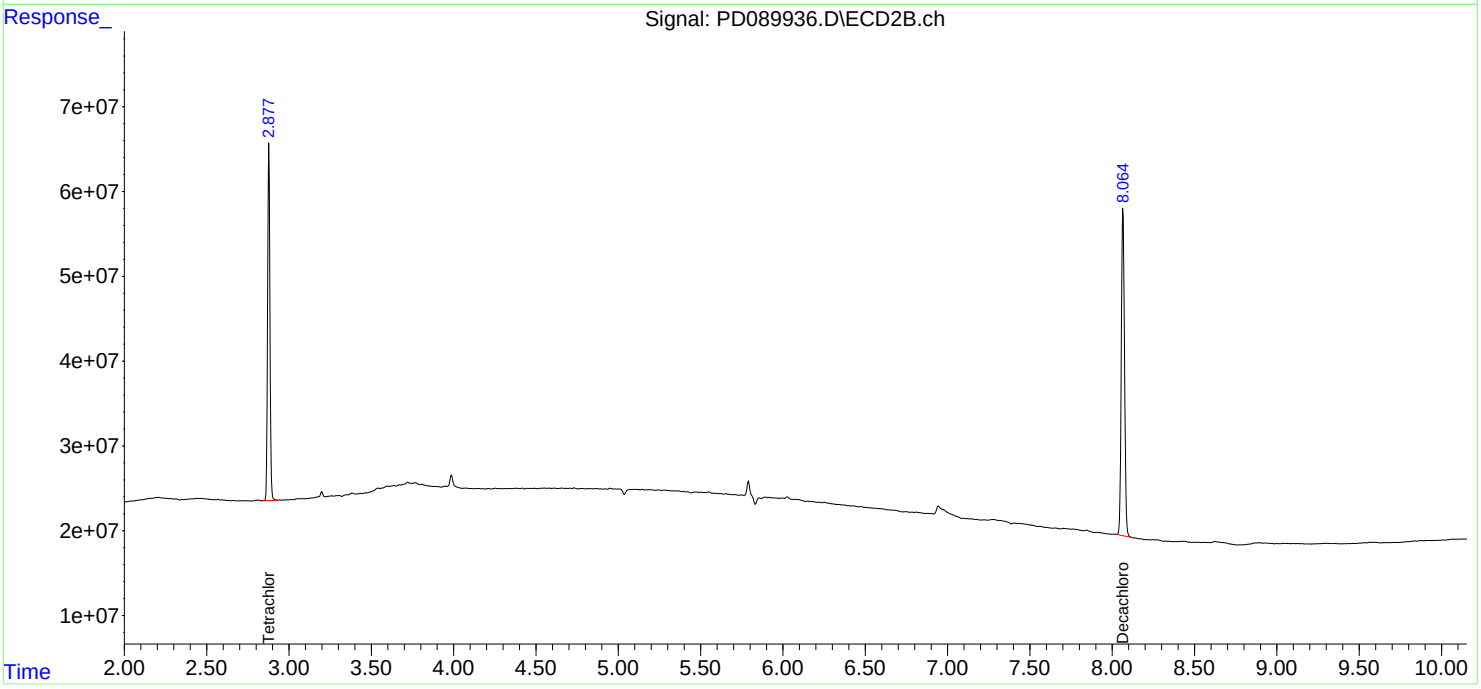
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 21:34
Operator : AR\AJ
Sample : PB169263BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

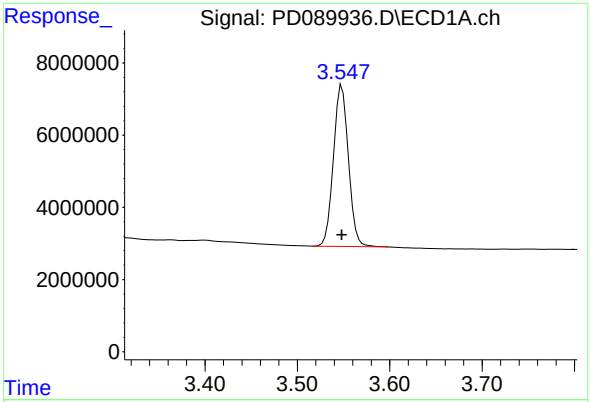
Instrument :
ECD_D
ClientSampleId :
PB169263BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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



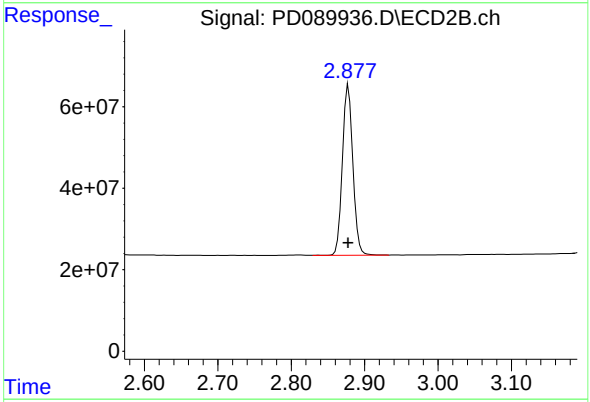




#1 Tetrachloro-m-xylene

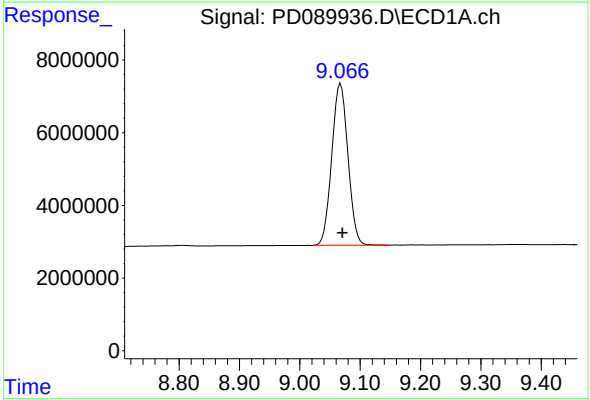
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 50362425
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169263BL



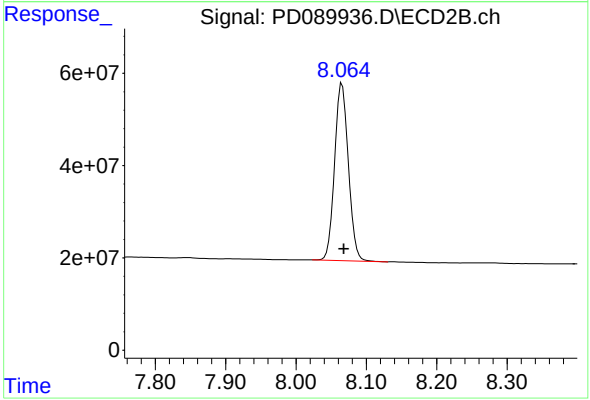
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 415928501
Conc: 26.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 82929624
Conc: 22.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 522908751
Conc: 26.04 ng/ml

Raw Data: **PD089685.D**

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	07/31/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	07/31/25
Client Sample ID:	PIBLK-PD089685.D	SDG No.:	Q2836
Lab Sample ID:	I.BLK-PD089685.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
PD089685.D	1		07/31/25	pd073125

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	20.9		30 (57) - 150 (171)	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		30 (61) - 150 (148)	102%	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\PD073125\
Data File : PD089685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 10:33
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: Aug 01 07:05:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.877	48438502	323.8E6	19.638	20.442
28)	SA Decachlor...	9.080	8.070	77499630	419.1E6	20.854	20.872
	Target Compounds						

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

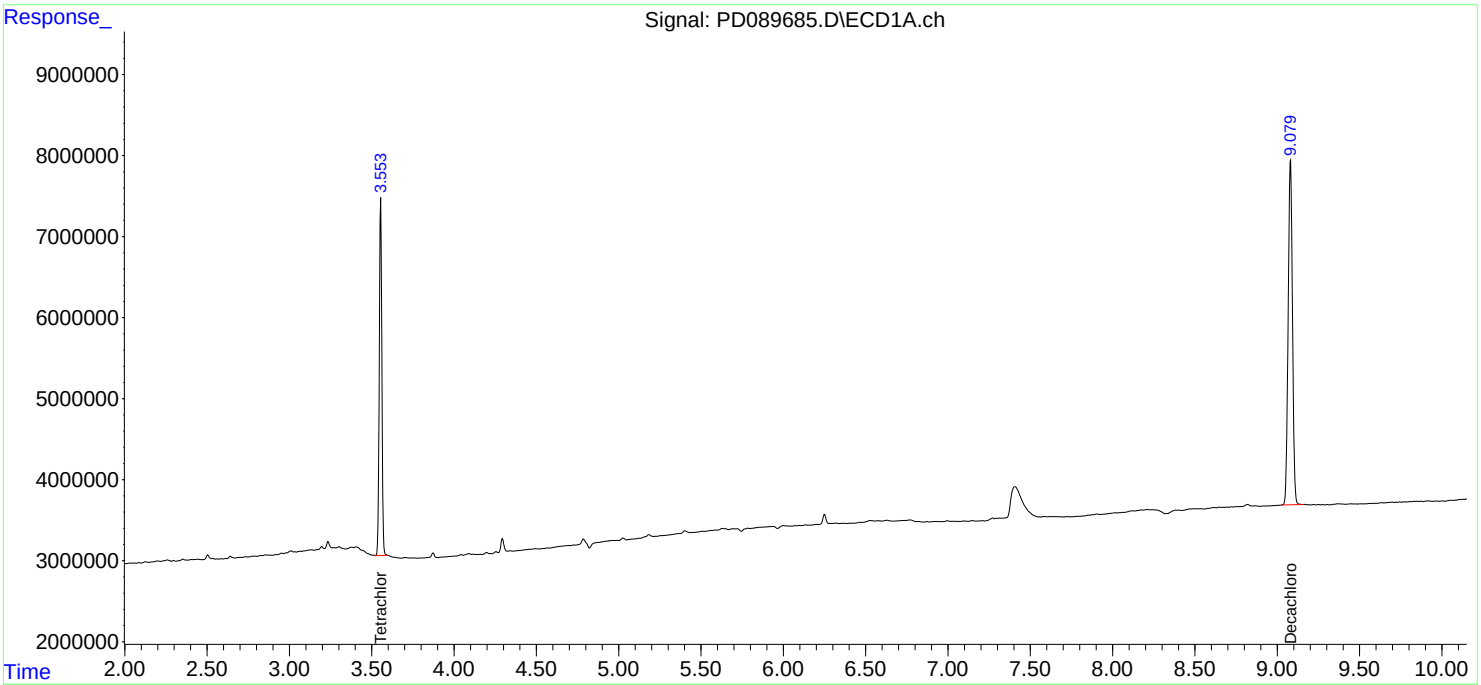
Sample Results: **PD089685.D**

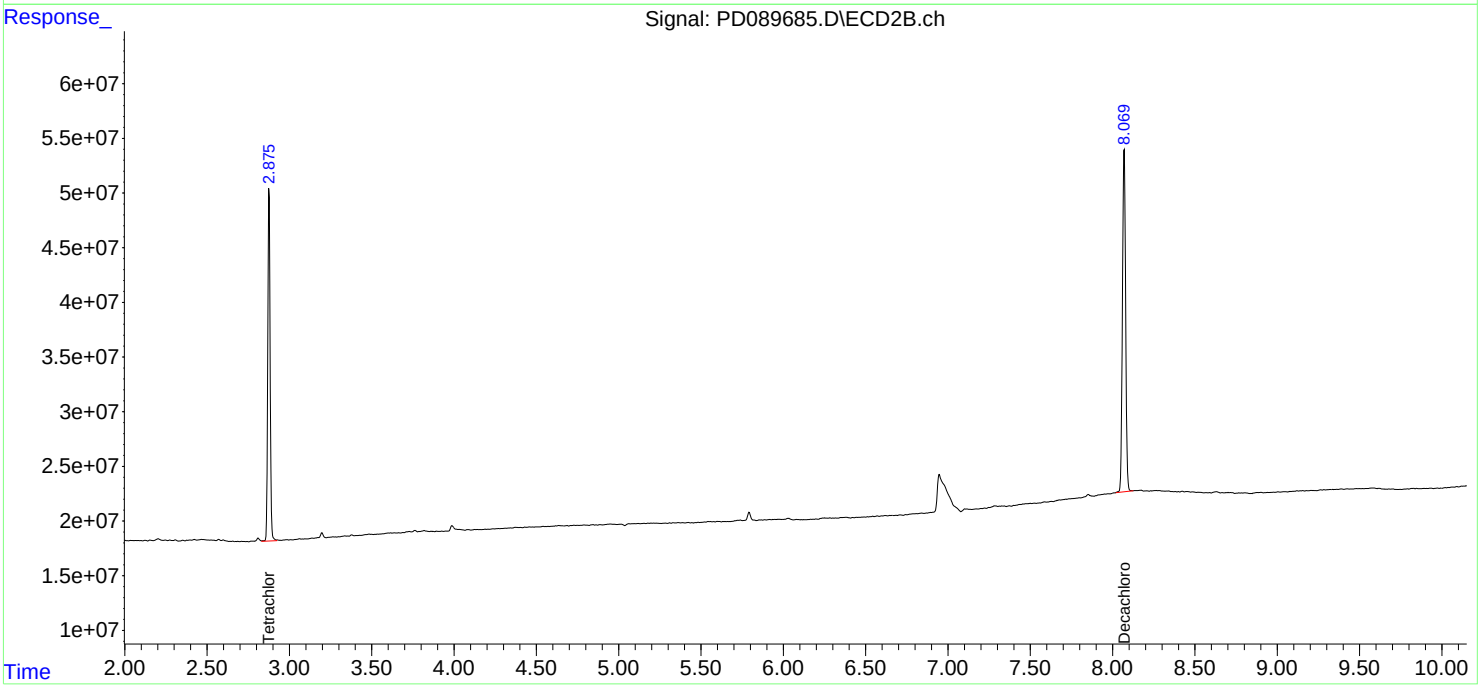
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD073125\
Data File : PD089685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 10:33
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

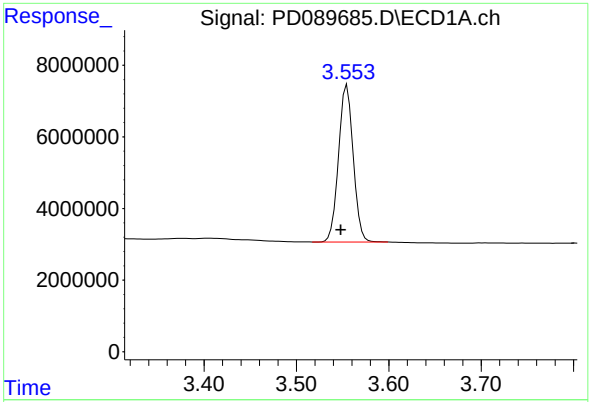
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 07:05:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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



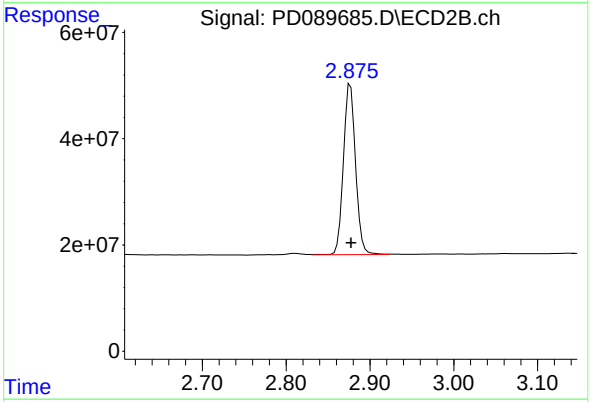




#1 Tetrachloro-m-xylene

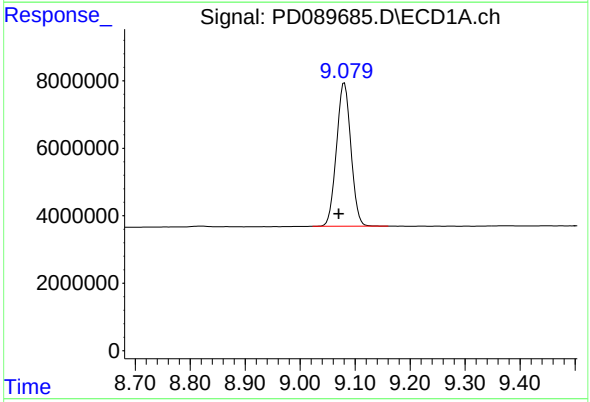
R.T.: 3.555 min
Delta R.T.: 0.007 min
Response: 48438502
Conc: 19.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



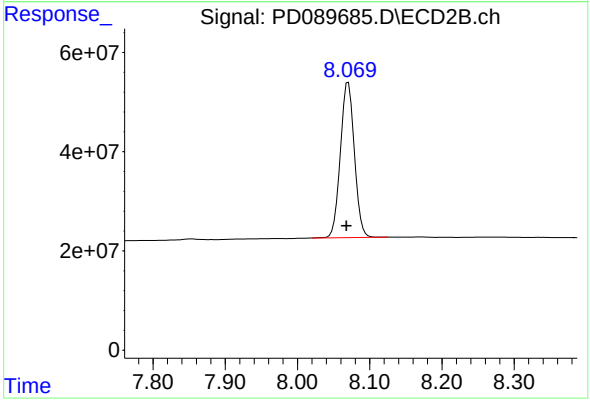
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 323764927
Conc: 20.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.080 min
Delta R.T.: 0.010 min
Response: 77499630
Conc: 20.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: 0.003 min
Response: 419071996
Conc: 20.87 ng/ml

Raw Data: **PD089913.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/15/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/15/25
Client Sample ID:	PIBLK-PD089913.D	SDG No.:	Q2836
Lab Sample ID:	I.BLK-PD089913.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
PD089913.D	1		08/15/25	pd081625

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	23.1		30 (57) - 150 (171)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.5		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

Sample Results: **PD089913.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 13:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:50:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.877	47548766	388.7E6	19.277	24.542 #
28)	SA Decachlor...	9.079	8.067	73001070	464.5E6	19.644	23.133m
	Target Compounds						

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

Sample Results: **PD089913.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 13:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

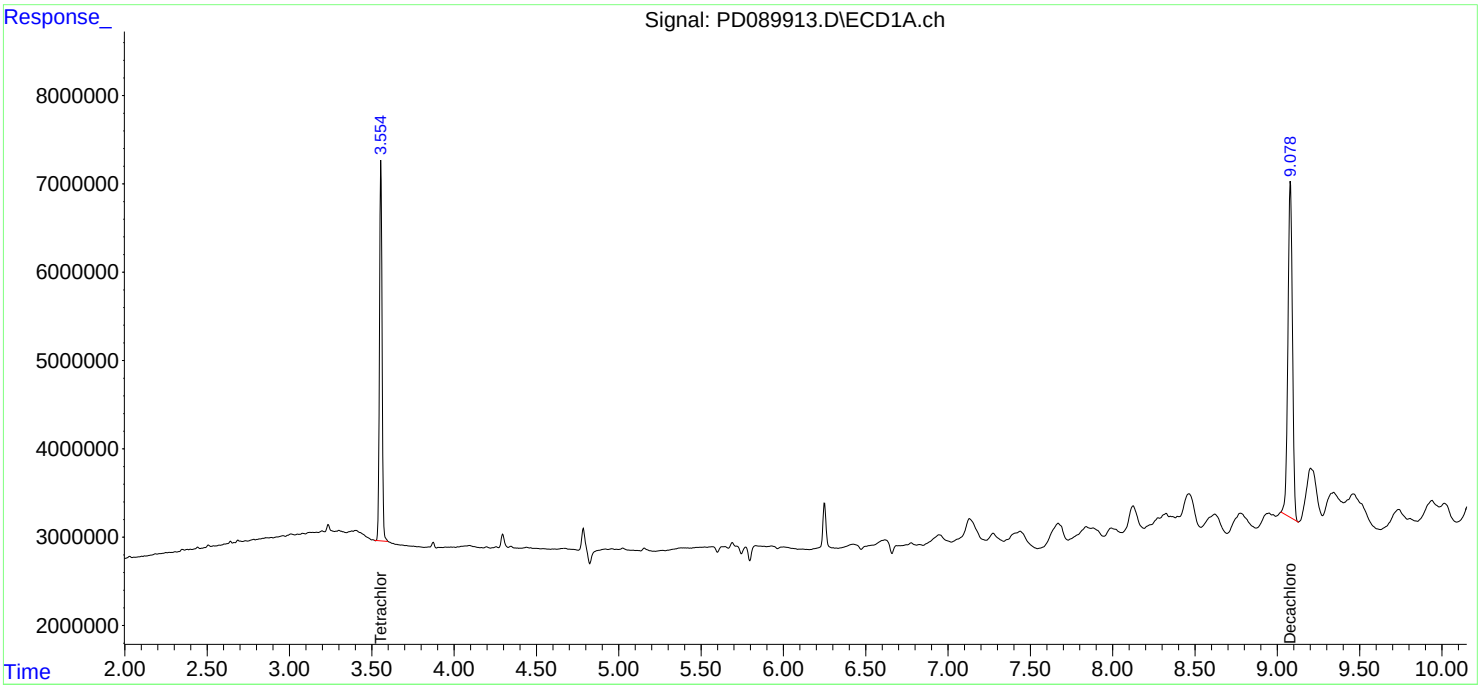
Instrument :
ECD_D
ClientSampleId :
I.BLK

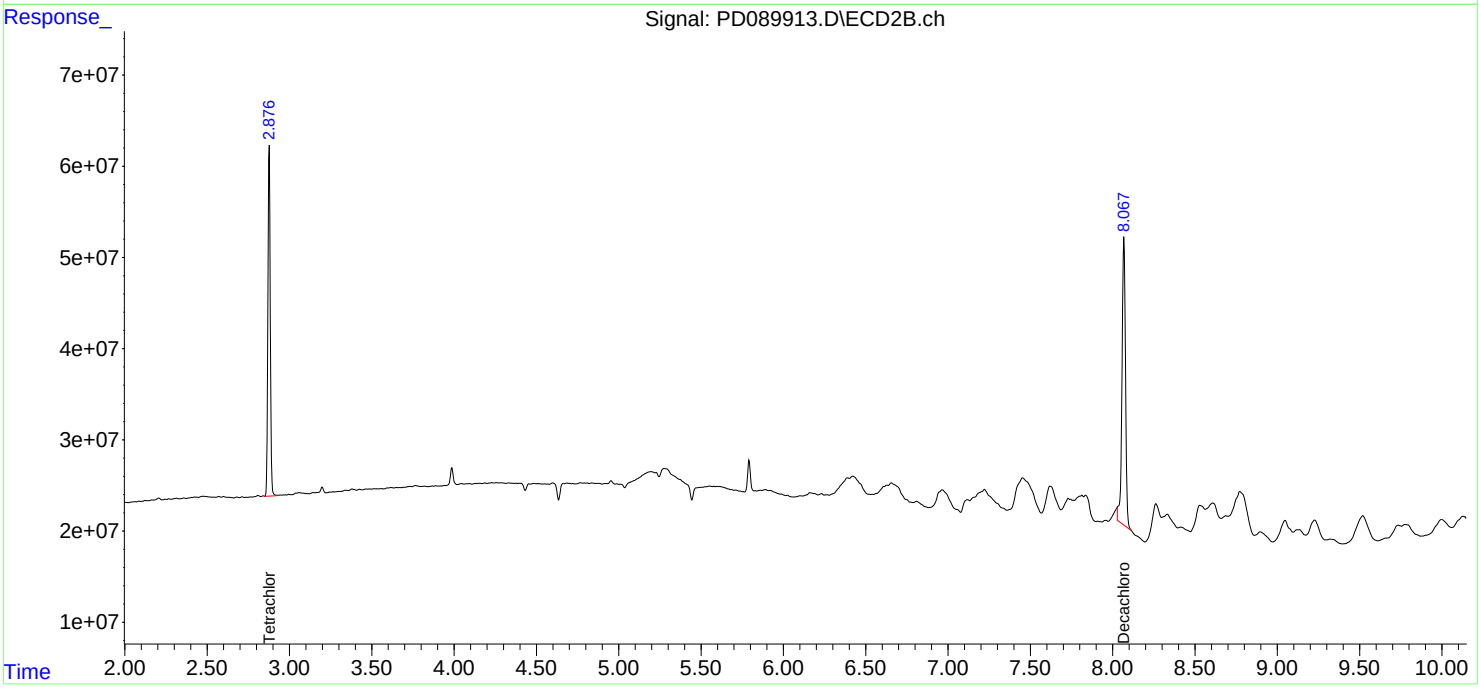
Manual Integrations APPROVED

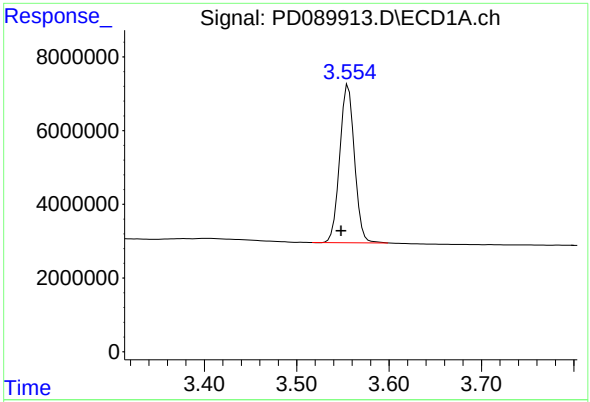
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:50:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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







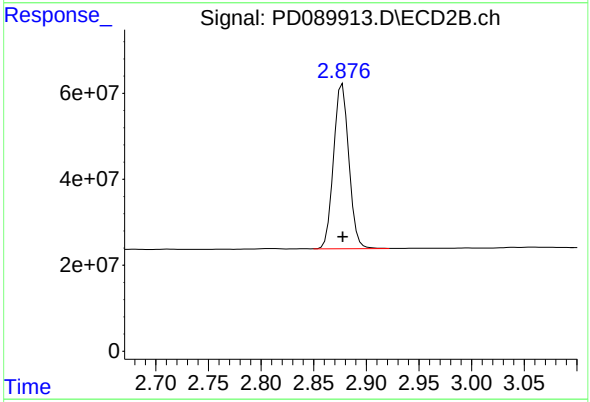
#1 Tetrachloro-m-xylene

R.T.: 3.556 min
Delta R.T.: 0.008 min
Response: 47548766
Conc: 19.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

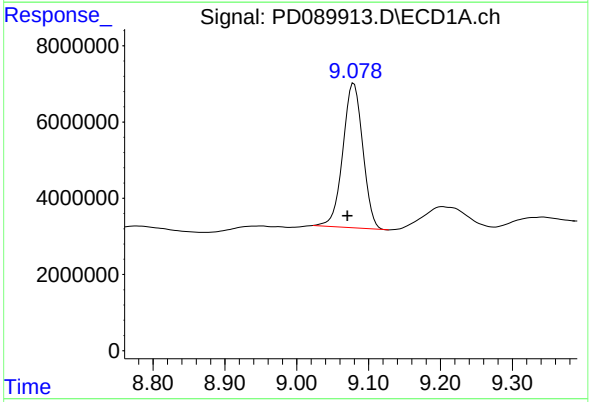
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



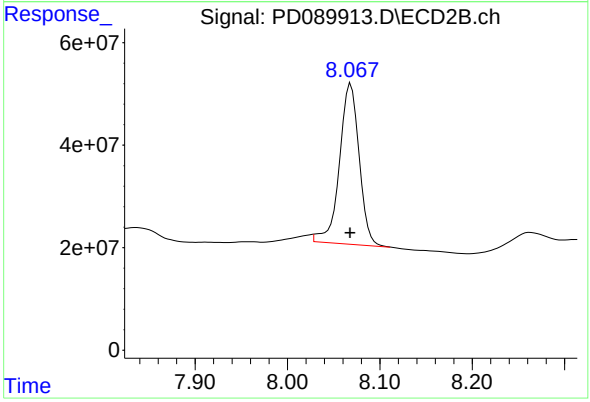
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 388691888
Conc: 24.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.009 min
Response: 73001070
Conc: 19.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 464455694
Conc: 23.13 ng/ml m

Raw Data: **PD089925.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/15/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/15/25
Client Sample ID:	PIBLK-PD089925.D	SDG No.:	Q2836
Lab Sample ID:	I.BLK-PD089925.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
PD089925.D	1		08/15/25	pd081625

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	23.9		30 (57) - 150 (171)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.4		30 (61) - 150 (148)	127%	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

Quantitation Report (QT Reviewed)

Sample Results: **PD089925.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:20
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: Aug 18 01:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	49512975	402.5E6	20.073	25.415 #
28)	SA Decachlor...	9.069	8.066	77968219	479.5E6	20.980	23.880
	Target Compounds						

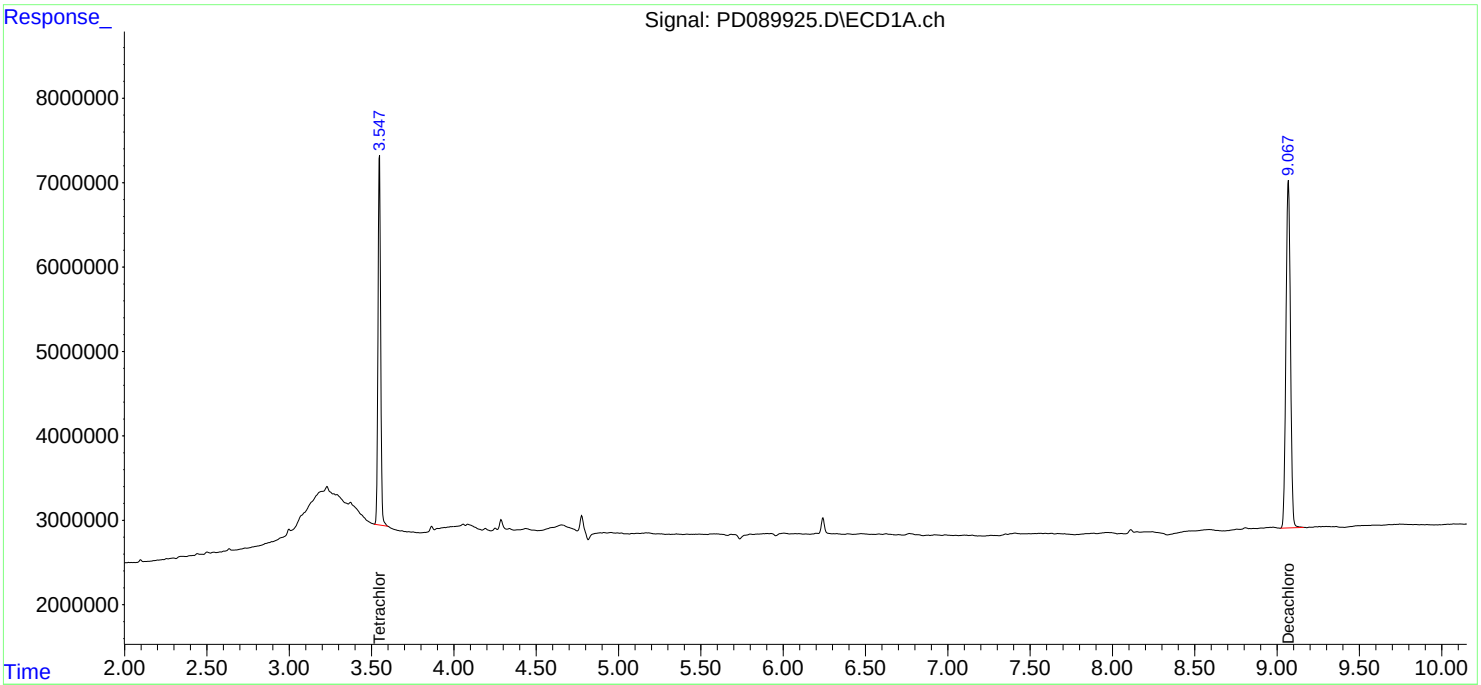
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

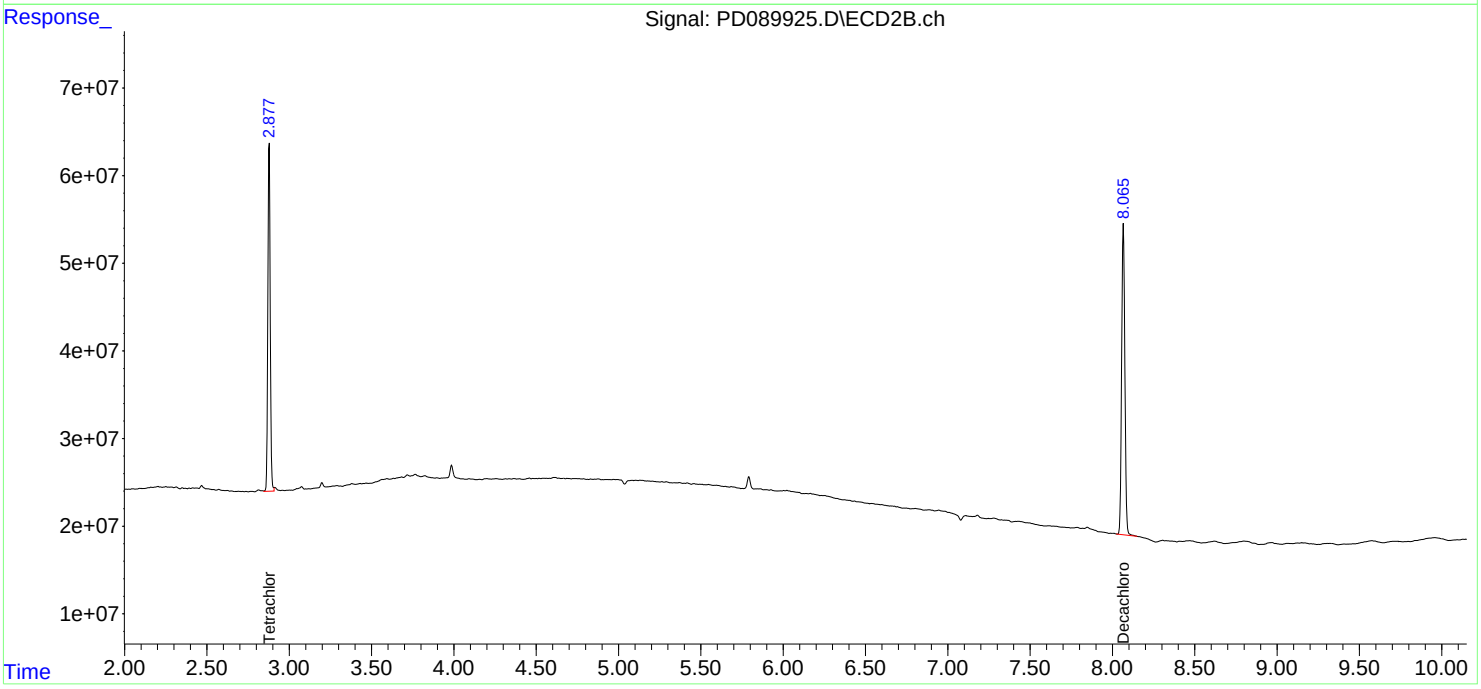
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:20
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

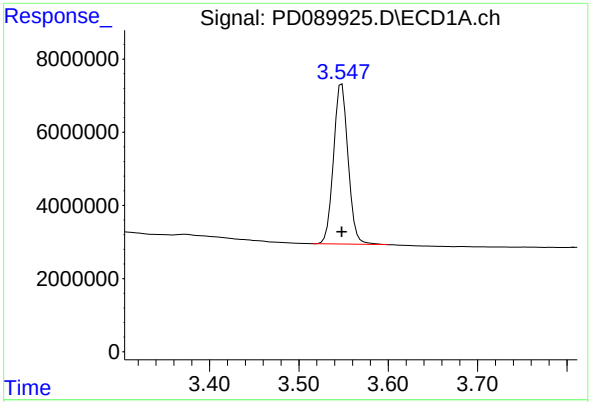
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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



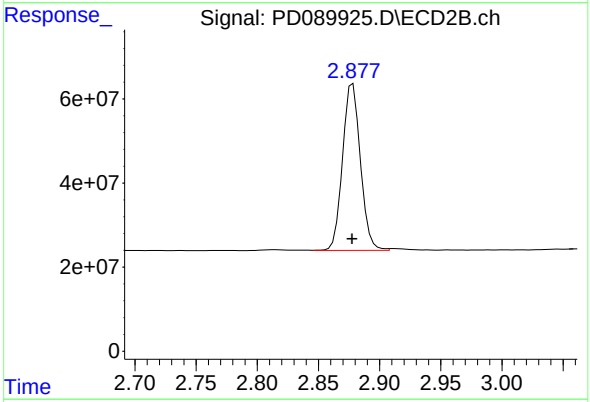




#1 Tetrachloro-m-xylene

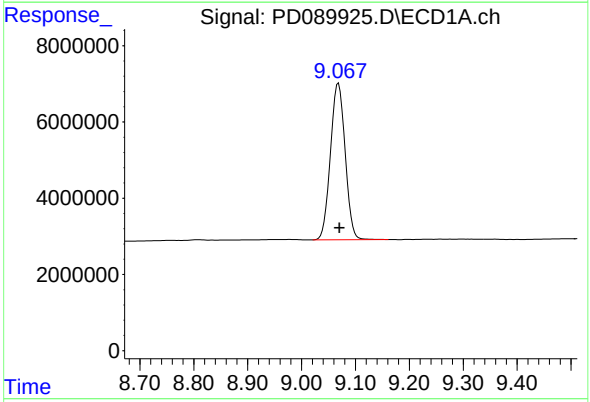
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 49512975
Conc: 20.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



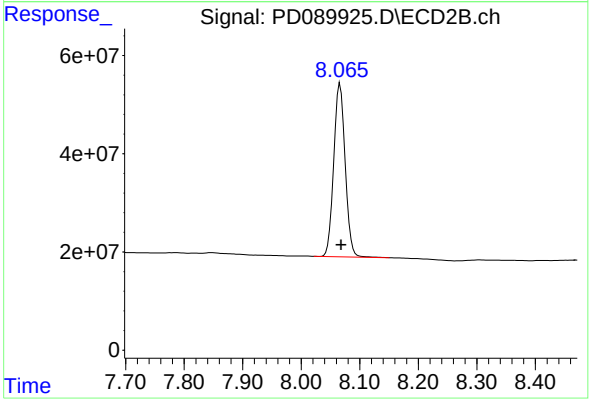
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 402524231
Conc: 25.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 77968219
Conc: 20.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 479455093
Conc: 23.88 ng/ml

Raw Data: **PD089934.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/15/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/15/25
Client Sample ID:	PIBLK-PD089934.D	SDG No.:	Q2836
Lab Sample ID:	I.BLK-PD089934.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
PD089934.D	1		08/15/25	pd081625

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	23.5		30 (57) - 150 (171)	118%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.9		30 (61) - 150 (148)	125%	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\PD081625\
Data File : PD089934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 20:26
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: Aug 18 01:53:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	49554751	394.8E6	20.090	24.927
28)	SA Decachlor...	9.068	8.066	79773328	472.1E6	21.466	23.511
	Target Compounds						

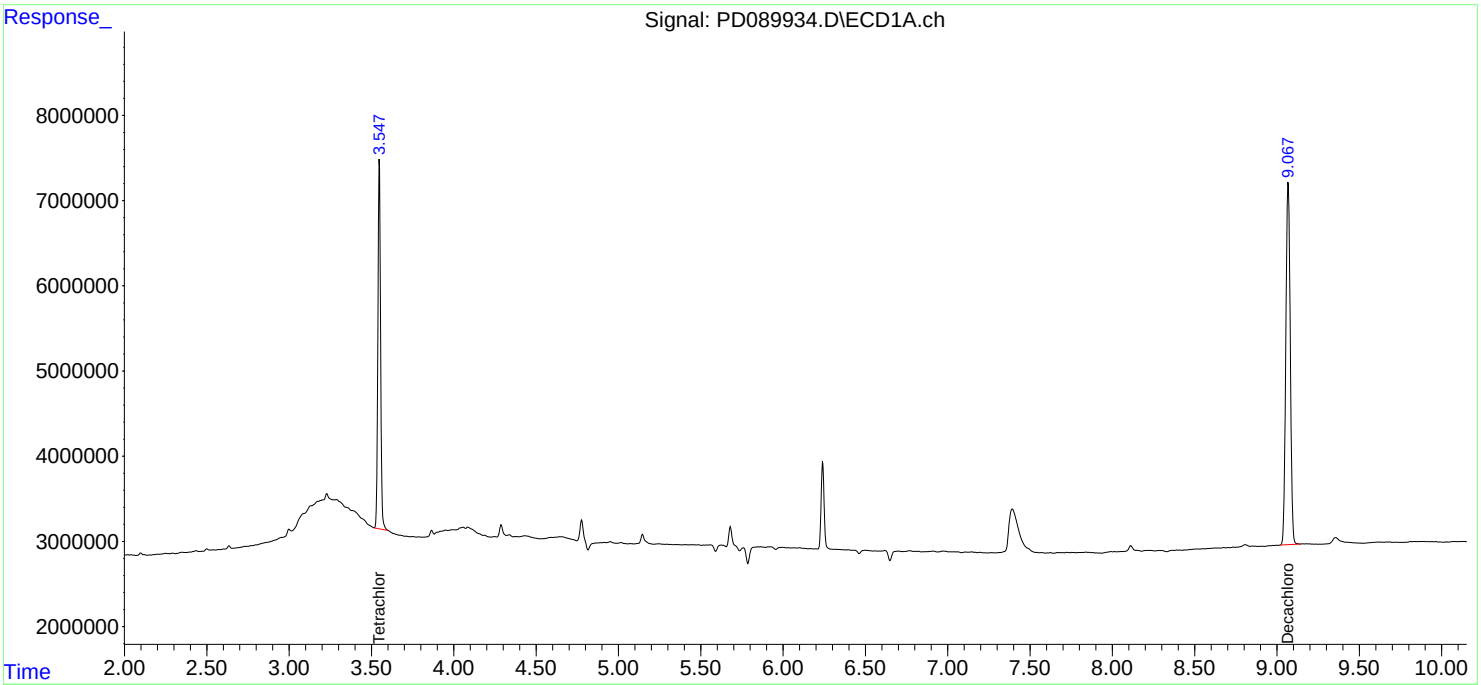
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

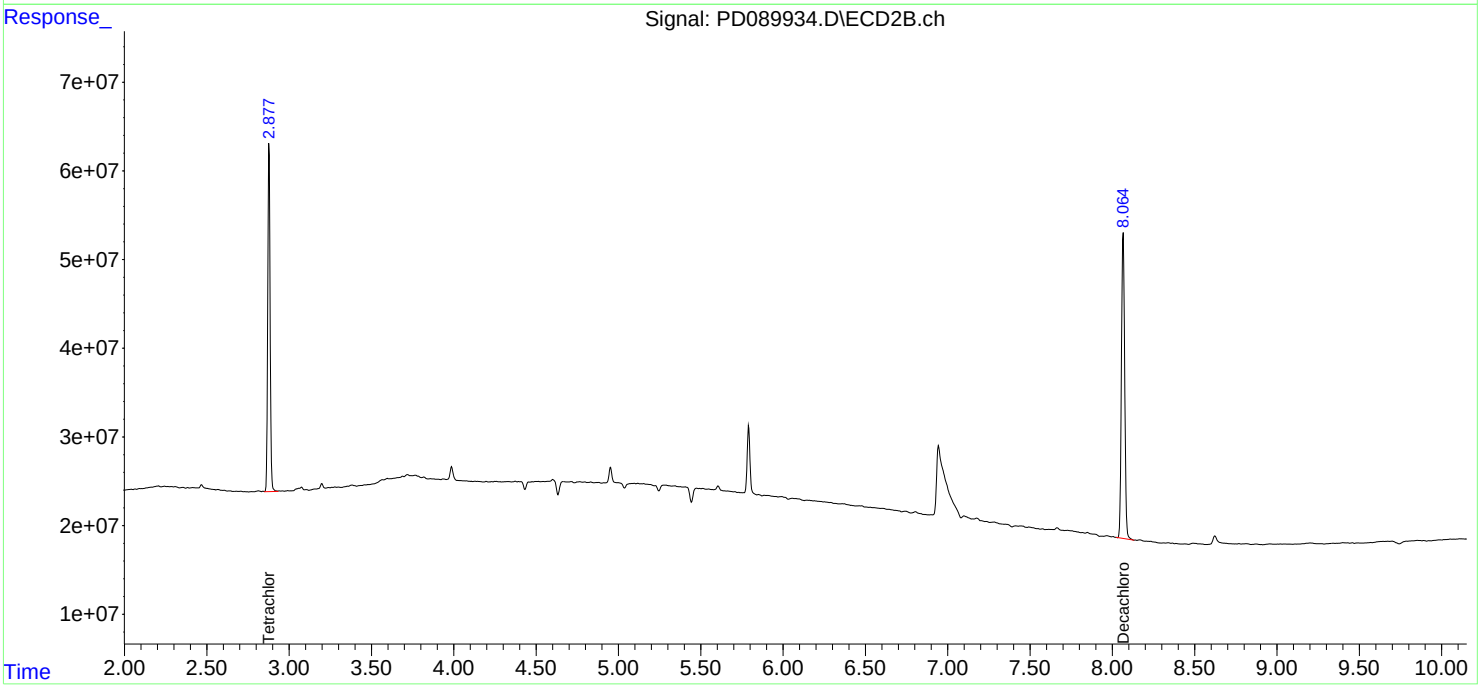
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 20:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

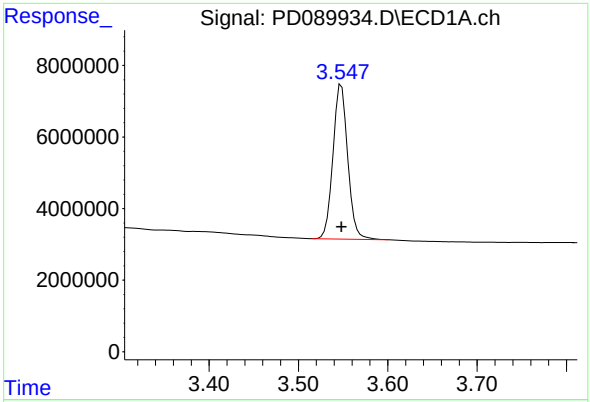
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:53:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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



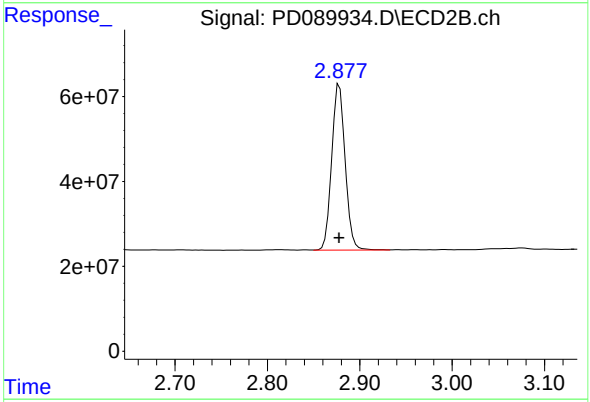




#1 Tetrachloro-m-xylene

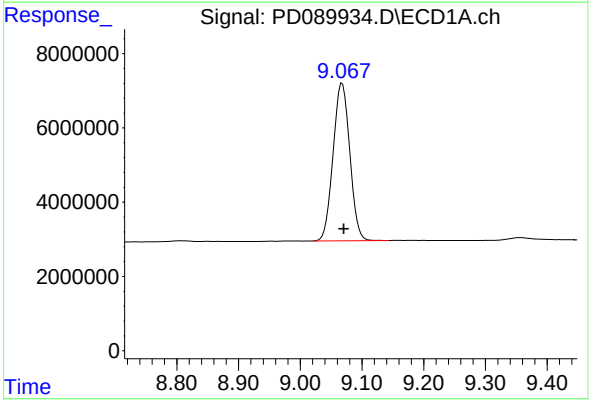
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 49554751
Conc: 20.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



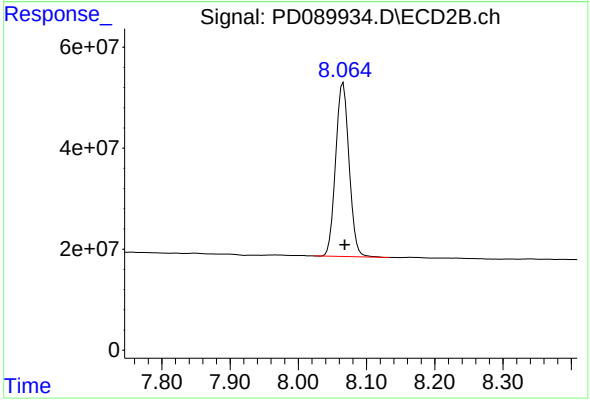
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 394790169
Conc: 24.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 79773328
Conc: 21.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 472060005
Conc: 23.51 ng/ml

Raw Data: **PD089945.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/15/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/15/25
Client Sample ID:	PIBLK-PD089945.D	SDG No.:	Q2836
Lab Sample ID:	I.BLK-PD089945.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
PD089945.D	1		08/15/25	pd081625

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	22.7		30 (57) - 150 (171)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.1		30 (61) - 150 (148)	126%	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

Sample Results: **PD089945.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 23:38
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	47636928	398.1E6	19.313	25.139 #
28)	SA Decachlor...	9.067	8.065	71848630	456.2E6	19.334	22.723m
	Target Compounds						

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

Sample Results: **PD089945.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 23:38
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

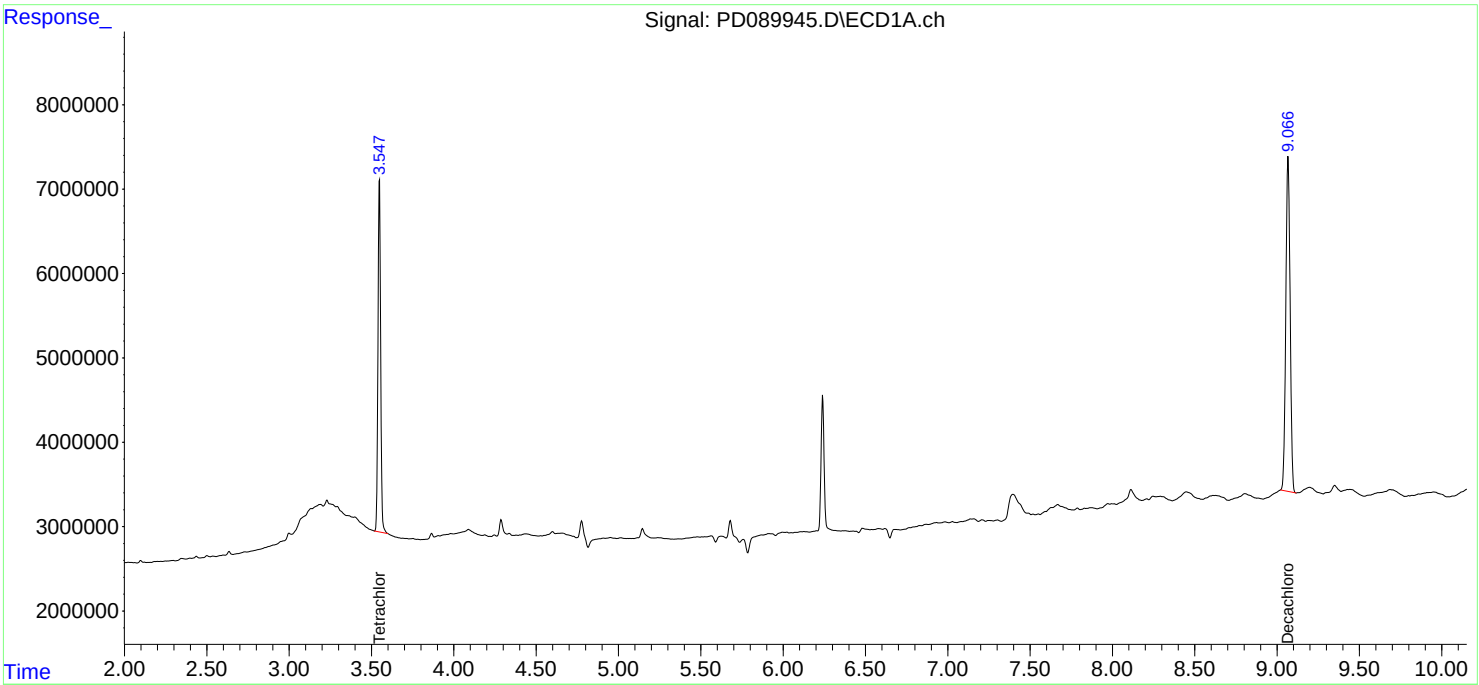
Instrument :
ECD_D
ClientSampleId :
I.BLK

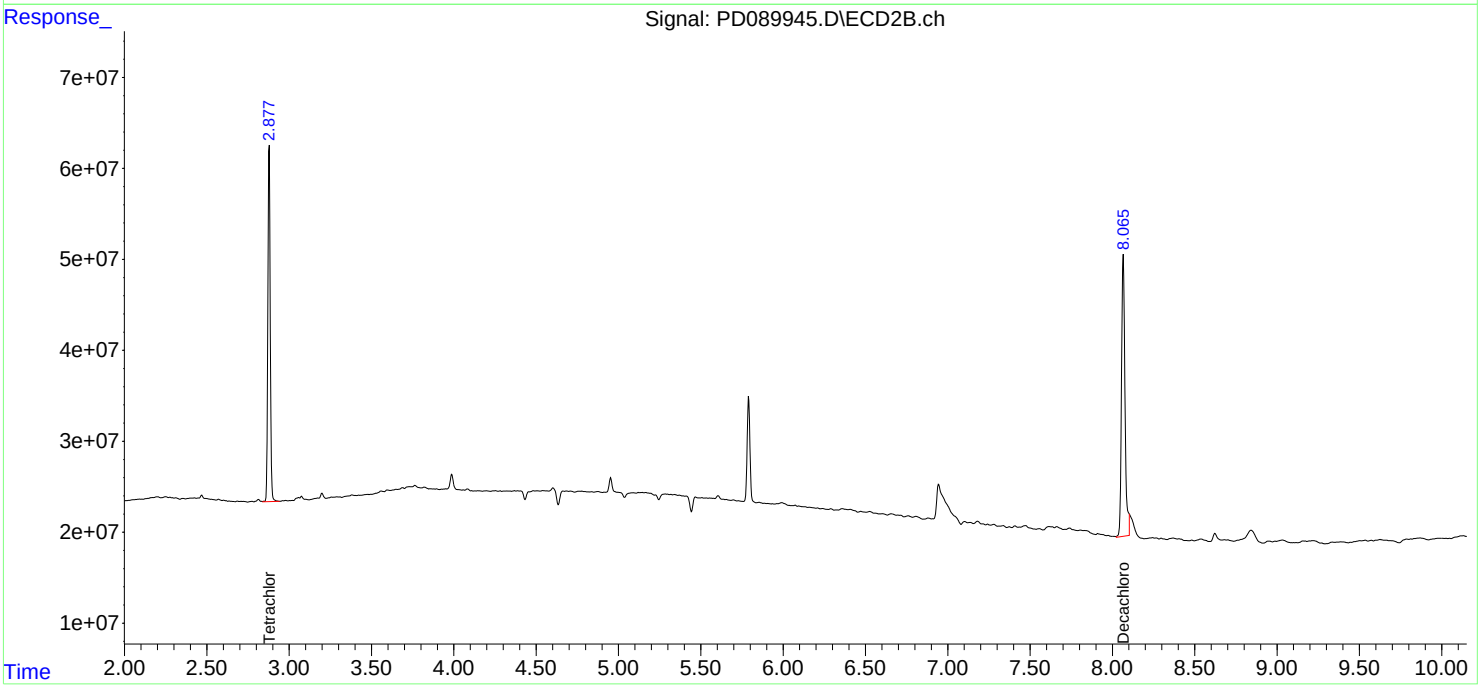
Manual Integrations APPROVED

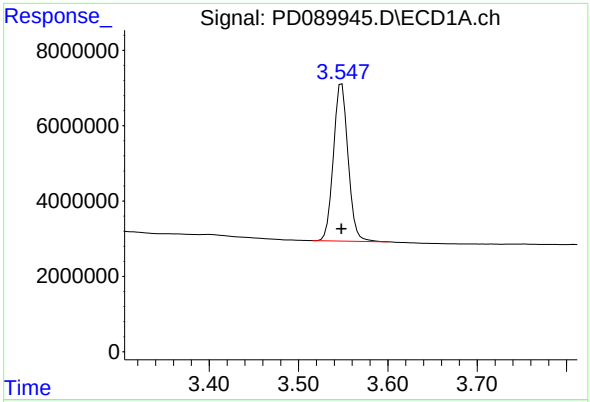
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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







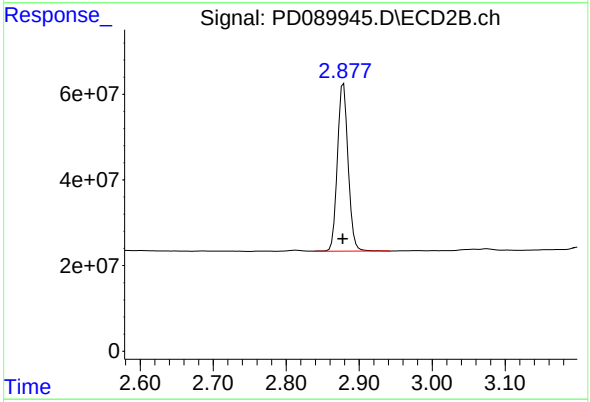
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 47636928
Conc: 19.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK

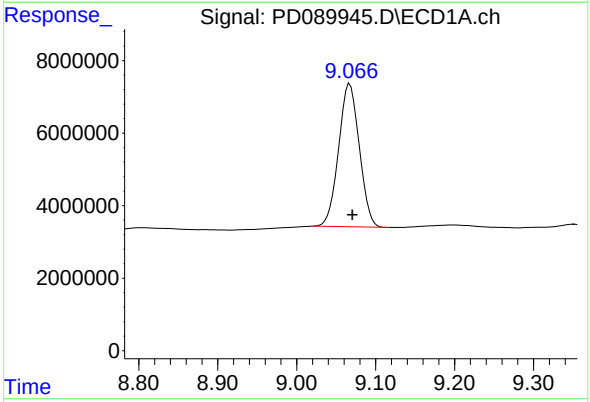
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025



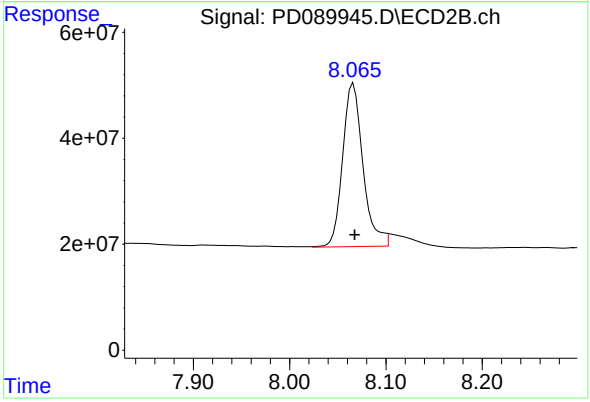
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: 0.001 min
Response: 398142265
Conc: 25.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: -0.003 min
Response: 71848630
Conc: 19.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 456230329
Conc: 22.72 ng/ml m

Raw Data: **PD089937.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	PB169263BS	SDG No.:	Q2836
Lab Sample ID:	PB169263BS	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
PD089937.D	1	08/15/25 09:50	08/15/25 21:48	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.00058		0.0000037	0.000050	mg/L
76-44-8	Heptachlor	0.00056		0.0000027	0.000050	mg/L
1024-57-3	Heptachlor epoxide	0.00057		0.0000096	0.000050	mg/L
72-20-8	Endrin	0.00057		0.0000032	0.000050	mg/L
72-43-5	Methoxychlor	0.00056		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	22.7		30 (57) - 150 (171)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.5		30 (61) - 150 (148)	112%	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\PD081625\
Data File : PD089937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 21:48
Operator : AR\AJ
Sample : PB169263BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169263BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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	2.878	43332812	356.2E6	17.568	22.490	#
28)	SA Decachlor...	9.067	8.066	73086958	456.0E6	19.667	22.714	
	Target Compounds							
2)	A alpha-BHC	3.997	3.390	238.7E6	1392.6E6	48.183	57.298	
3)	MA gamma-BHC...	4.328	3.726	228.4E6	1299.9E6	48.056	57.710	
4)	MA Heptachlor	4.927	4.079	226.1E6	1306.7E6	46.999	56.299	
5)	MB Aldrin	5.268	4.365	218.1E6	1287.1E6	47.776	57.844	
6)	B beta-BHC	4.514	4.022	87266899	555.8E6	47.307	57.607	
7)	B delta-BHC	4.763	4.258	222.6E6	1320.4E6	48.542	58.127	
8)	B Heptachlo...	5.688	4.868	195.7E6	1178.2E6	46.820	57.331	
9)	A Endosulfan I	6.072	5.243	185.7E6	1126.2E6	46.839	57.611	
10)	B gamma-Chl...	5.943	5.121	196.4E6	1264.5E6	46.990	58.399	
11)	B alpha-Chl...	6.024	5.186	196.8E6	1216.9E6	46.808	58.443	
12)	B 4,4'-DDE	6.193	5.370	176.2E6	1238.6E6	47.246	58.596	
13)	MA Dieldrin	6.344	5.508	197.5E6	1259.0E6	46.754	58.183	
14)	MA Endrin	6.571	5.785	163.5E6	1139.7E6	45.701	57.200	#
15)	B Endosulfa...	6.783	6.076	167.4E6	1095.1E6	45.627	58.254	#
16)	A 4,4'-DDD	6.702	5.925	139.6E6	1059.4E6	46.602	60.084	#
17)	MA 4,4'-DDT	7.018	6.178	149.0E6	1074.2E6	44.345	58.469	#
18)	B Endrin al...	6.912	6.254	124.4E6	811.3E6	49.863	62.791	#
19)	B Endosulfa...	7.147	6.478	156.5E6	1052.1E6	45.096	56.669	#
20)	A Methoxychlor	7.491	6.749	78133044	553.1E6	43.699	56.463	#
21)	B Endrin ke...	7.627	6.987	167.9E6	1153.8E6	45.206	57.496	#
22)	Mirex	8.110	7.180	123.8E6	872.5E6	44.390	57.319	#

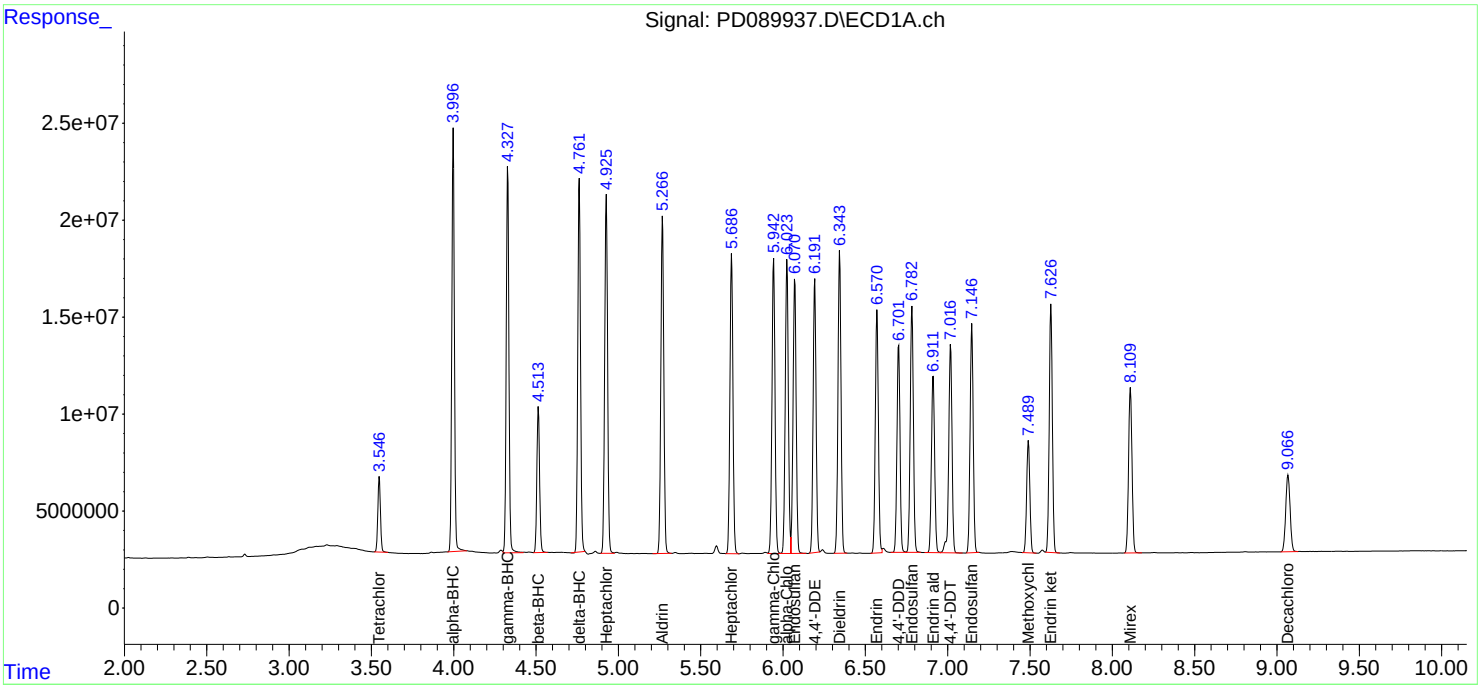
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

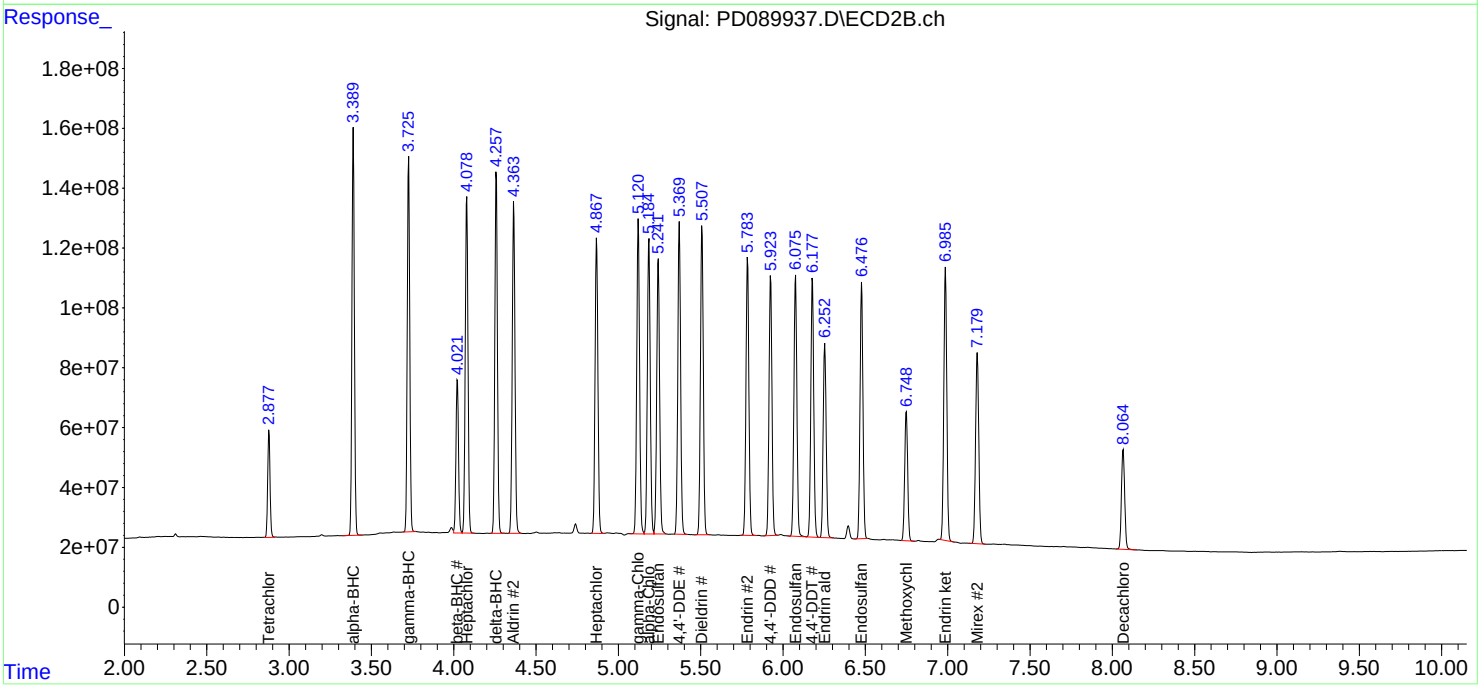
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 21:48
Operator : AR\AJ
Sample : PB169263BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169263BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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 0.25µm





Raw Data: **PD089920.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/11/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/12/25
Client Sample ID:	TG-S01MS	SDG No.:	Q2836
Lab Sample ID:	Q2832-02MS	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
PD089920.D	1	08/15/25 09:50	08/15/25 16:57	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0059		0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.0054		0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.0058		0.000096	0.00050	mg/L
72-20-8	Endrin	0.0056		0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.0053		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	17.4		30 (57) - 150 (171)	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		30 (61) - 150 (148)	113%	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\PD081625\
Data File : PD089920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 16:57
Operator : AR\AJ
Sample : Q2832-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S01MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.878	46543188	358.8E6	18.869m	22.657	
28)	SA Decachlor...	9.068	8.066	61663397	350.0E6	16.593	17.432	
	Target Compounds							
2)	A alpha-BHC	3.998	3.390	243.4E6	1416.9E6	49.132	58.297	
3)	MA gamma-BHC...	4.329	3.727	243.9E6	1319.9E6	51.322	58.599	
4)	MA Heptachlor	4.927	4.080	220.2E6	1260.8E6	45.763	54.324	
5)	MB Aldrin	5.269	4.365	211.1E6	1245.0E6	46.250	55.952	
6)	B beta-BHC	4.515	4.022	91907039	561.2E6	49.823	58.166	
7)	B delta-BHC	4.762	4.259	223.1E6	1171.8E6	48.638m	51.588	
8)	B Heptachlo...	5.688	4.869	197.9E6	1189.6E6	47.326	57.888	
9)	A Endosulfan I	6.072	5.243	184.5E6	1116.4E6	46.540	57.112	
10)	B gamma-Chl...	5.943	5.122	193.5E6	1262.9E6	46.302	58.321	#
11)	B alpha-Chl...	6.024	5.186	194.4E6	1208.5E6	46.236	58.040	#
12)	B 4,4'-DDE	6.193	5.371	175.9E6	1229.9E6	47.152	58.186	
13)	MA Dieldrin	6.345	5.509	195.4E6	1264.9E6	46.261	58.453	#
14)	MA Endrin	6.572	5.785	166.4E6	1120.7E6	46.518	56.243	
15)	B Endosulfa...	6.784	6.077	164.5E6	1053.1E6	44.828	56.016	
16)	A 4,4'-DDD	6.703	5.926	136.2E6	1005.9E6	45.463	57.046	#
17)	MA 4,4'-DDT	7.018	6.179	146.8E6	1026.0E6	43.687	55.842	#
18)	B Endrin al...	6.913	6.255	124.9E6	791.9E6	50.041	61.291	
19)	B Endosulfa...	7.147	6.478	152.1E6	992.0E6	43.824	53.434	
20)	A Methoxychlor	7.491	6.750	75999995	515.4E6	42.506	52.618	
21)	B Endrin ke...	7.627	6.987	163.3E6	1061.7E6	43.959	52.904	
22)	Mirex	8.110	7.180	117.3E6	780.9E6	42.056	51.305	

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

Sample Results: **PD089920.D**

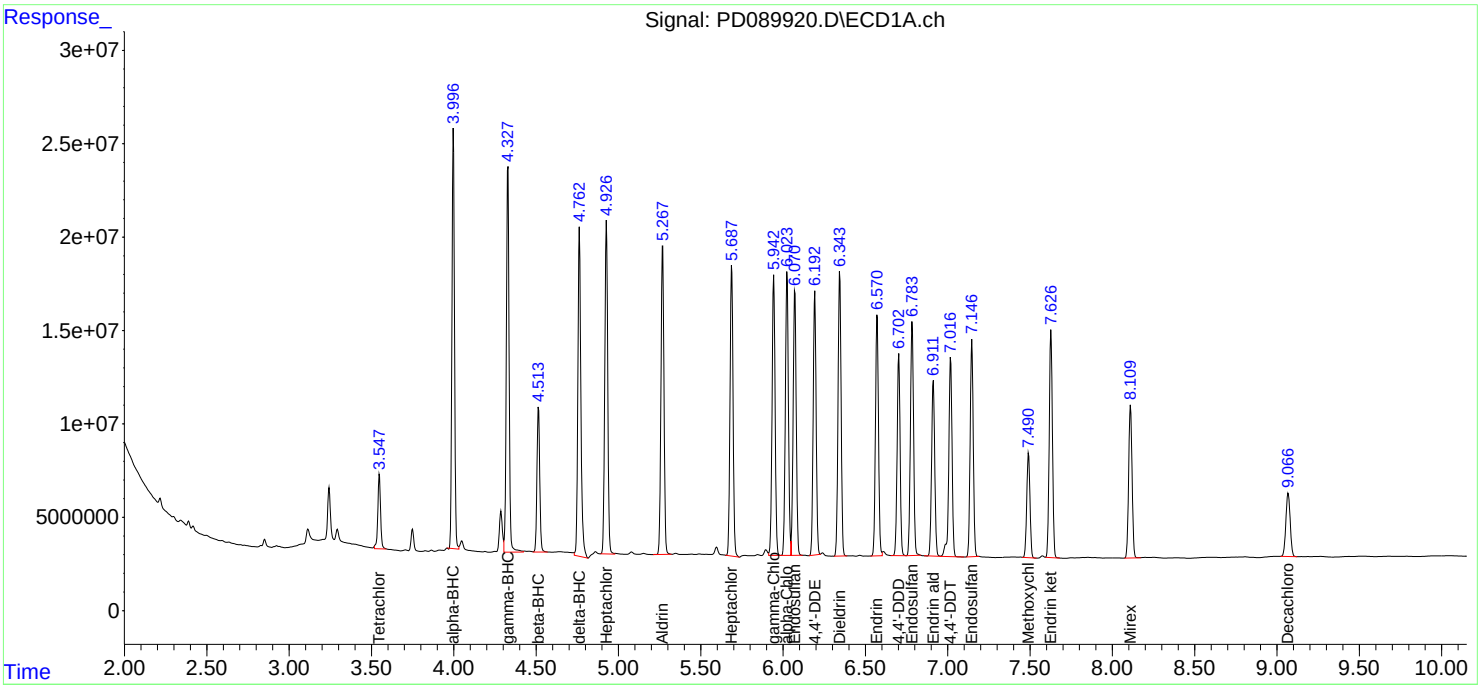
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 16:57
Operator : AR\AJ
Sample : Q2832-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

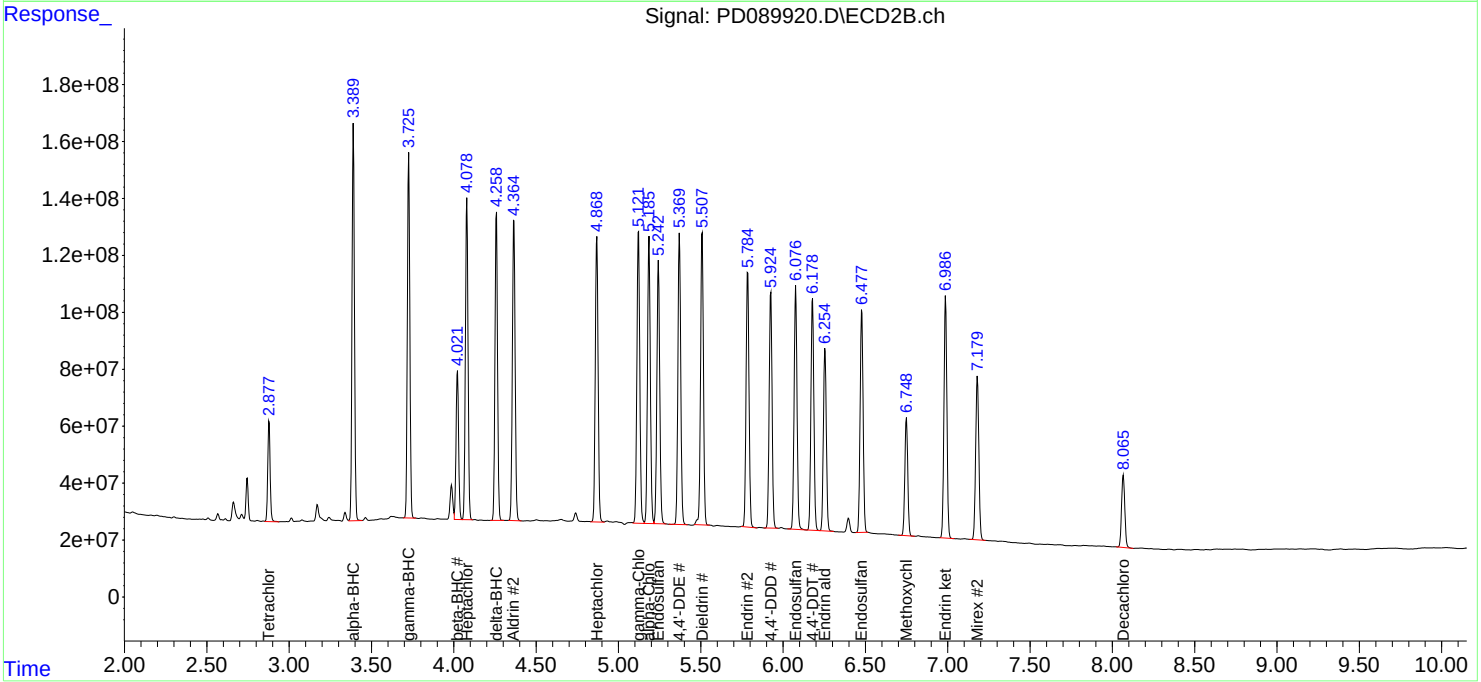
Instrument :
ECD_D
ClientSampleId :
TG-S01MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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





Raw Data: **PD089921.D**

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

Report of Analysis

Client:	ENTACT	Date Collected:	08/11/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	08/12/25
Client Sample ID:	TG-S01MSD	SDG No.:	Q2836
Lab Sample ID:	Q2832-02MSD	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
PD089921.D	1	08/15/25 09:50	08/15/25 17:10	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0059		0.000037	0.00050	mg/L
76-44-8	Heptachlor	0.0055		0.000027	0.00050	mg/L
1024-57-3	Heptachlor epoxide	0.0058		0.000096	0.00050	mg/L
72-20-8	Endrin	0.0058		0.000032	0.00050	mg/L
72-43-5	Methoxychlor	0.0054		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	18.2		30 (57) - 150 (171)	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		30 (61) - 150 (148)	113%	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\PD081625\
Data File : PD089921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 17:10
Operator : AR\AJ
Sample : Q2832-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S01MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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...	3.546	2.878	46526191	358.2E6	18.863m	22.616	
28)	SA Decachlor...	9.068	8.066	61704303	364.8E6	16.604	18.169	
	Target Compounds							
2)	A alpha-BHC	3.997	3.390	245.0E6	1417.3E6	49.458	58.313	
3)	MA gamma-BHC...	4.328	3.727	243.7E6	1325.3E6	51.281	58.841	
4)	MA Heptachlor	4.926	4.079	223.4E6	1267.5E6	46.422	54.613	
5)	MB Aldrin	5.268	4.365	214.3E6	1253.5E6	46.949	56.336	
6)	B beta-BHC	4.514	4.022	91766124	566.7E6	49.746	58.729	
7)	B delta-BHC	4.761	4.259	224.4E6	1178.6E6	48.929m	51.884	
8)	B Heptachlo...	5.688	4.869	198.7E6	1195.6E6	47.538	58.180	
9)	A Endosulfan I	6.071	5.243	187.6E6	1137.1E6	47.329	58.169	
10)	B gamma-Chl...	5.943	5.122	198.7E6	1284.7E6	47.552	59.329	
11)	B alpha-Chl...	6.023	5.186	198.6E6	1234.3E6	47.236	59.280	#
12)	B 4,4'-DDE	6.193	5.371	176.8E6	1250.0E6	47.407	59.138	
13)	MA Dieldrin	6.344	5.509	198.1E6	1277.1E6	46.896	59.021	#
14)	MA Endrin	6.571	5.785	168.3E6	1149.8E6	47.035	57.707	
15)	B Endosulfa...	6.783	6.076	166.4E6	1077.5E6	45.343	57.316	#
16)	A 4,4'-DDD	6.703	5.925	138.3E6	1035.4E6	46.167	58.721	#
17)	MA 4,4'-DDT	7.018	6.179	150.9E6	1049.2E6	44.905	57.106	#
18)	B Endrin al...	6.912	6.255	126.9E6	804.6E6	50.833	62.275	
19)	B Endosulfa...	7.147	6.478	149.5E6	1014.8E6	43.074	54.659	#
20)	A Methoxychlor	7.490	6.750	77673401	530.8E6	43.442	54.185	
21)	B Endrin ke...	7.627	6.987	167.5E6	1097.2E6	45.096	54.673	
22)	Mirex	8.110	7.180	118.3E6	799.6E6	42.434	52.534	

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

Sample Results: **PD089921.D**

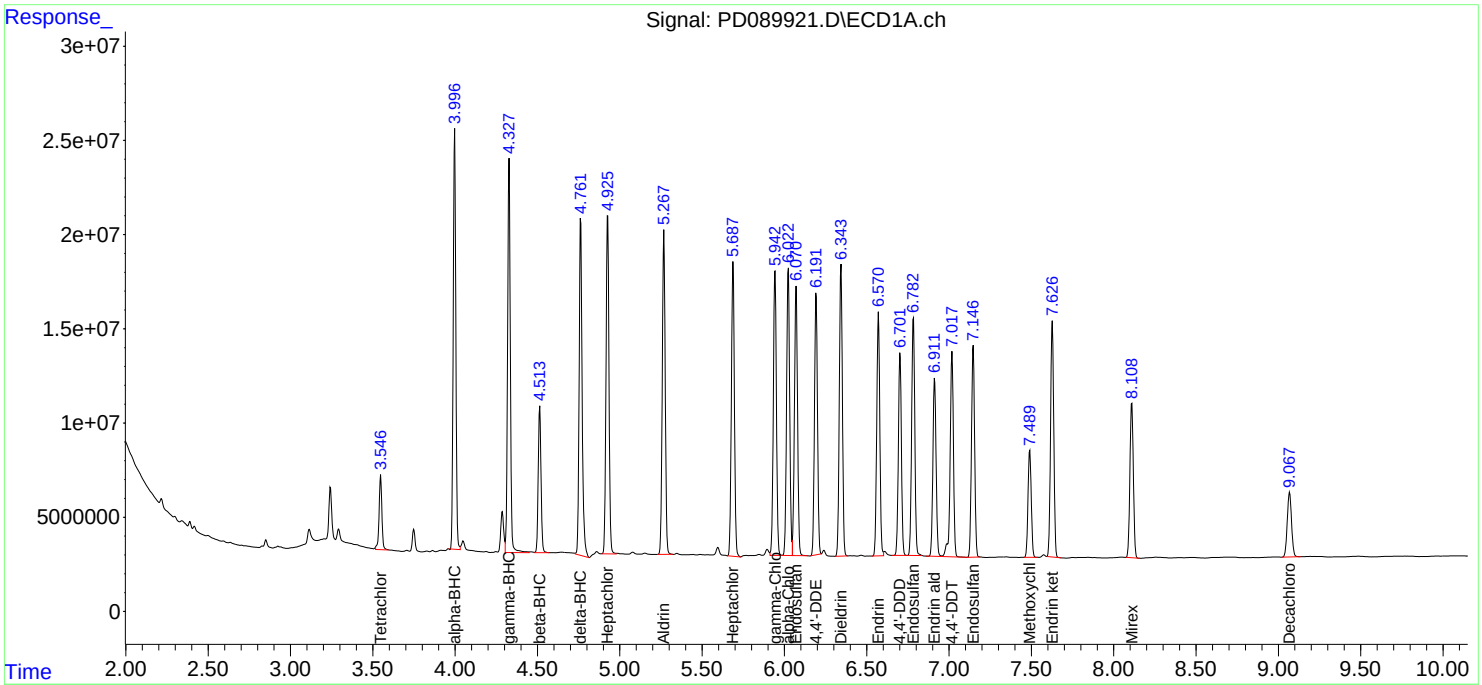
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 17:10
Operator : AR\AJ
Sample : Q2832-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

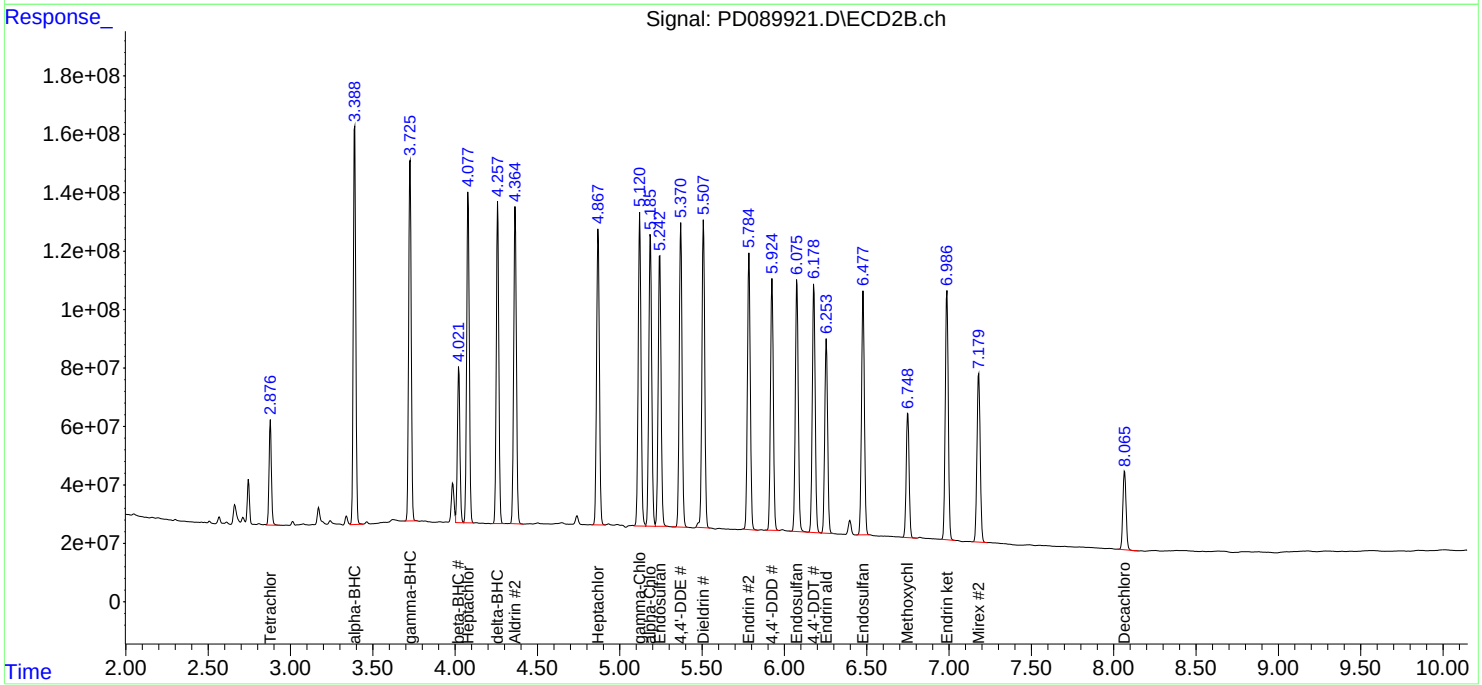
Instrument :
ECD_D
ClientSampleId :
TG-S01MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

Manual Integration Report

Sequence:	pd073125	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089686.D	4,4"-DDD #2	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	4,4"-DDE	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	4,4"-DDE #2	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	Endrin ketone	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	Endrin ketone #2	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PSTDICC075	PD089689.D	gamma-BHC (Lindane)	Abdul	8/1/2025 8:28:32 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PSTDICC005	PD089692.D	4,4"-DDE #2	Abdul	8/1/2025 8:28:35 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PSTDICC005	PD089692.D	Endrin aldehyde	Abdul	8/1/2025 8:28:35 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd081625	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089905.D	4,4"-DDD	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	4,4"-DDE	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	4,4"-DDE #2	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	Endrin ketone	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	Endrin ketone #2	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
I.BLK	PD089913.D	Decachlorobiphenyl #2	Abdul	8/18/2025 7:45:31 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PSTDCCC050	PD089914.D	alpha-BHC #2	Abdul	8/18/2025 7:45:35 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MS	PD089920.D	delta-BHC	Abdul	8/18/2025 7:45:53 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MS	PD089920.D	Tetrachloro-m-xylene	Abdul	8/18/2025 7:45:53 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MSD	PD089921.D	delta-BHC	Abdul	8/18/2025 7:45:56 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MSD	PD089921.D	Tetrachloro-m-xylene	Abdul	8/18/2025 7:45:56 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089926.D	4,4"-DDD	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089926.D	alpha-BHC #2	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd081625	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089926.D	Endrin ketone #2	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089926.D	gamma-BHC (Lindane)	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PSTDCCC050	PD089927.D	4,4"-DDD	Abdul	8/18/2025 7:46:02 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2836-07	PD089930.D	Tetrachloro-m-xylene #2	Abdul	8/18/2025 7:46:06 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2836-11	PD089931.D	Tetrachloro-m-xylene #2	Abdul	8/18/2025 7:46:10 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
I.BLK	PD089945.D	Decachlorobiphenyl #2	Abdul	8/18/2025 7:46:31 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	4,4"-DDD	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	Endrin aldehyde	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	Endrin ketone	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	Endrin ketone #2	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PSTDCCC050	PD089959.D	4,4"-DDD	Abdul	8/18/2025 7:47:23 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM		
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM		
SubDirectory	PD073125	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
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	PD089684.D	31 Jul 2025 09:13	AR\AJ	Ok
2	I.BLK	PD089685.D	31 Jul 2025 10:33	AR\AJ	Ok
3	PEM	PD089686.D	31 Jul 2025 10:47	AR\AJ	Ok,M
4	RESCHK	PD089687.D	31 Jul 2025 11:34	AR\AJ	Ok
5	PSTDICC100	PD089688.D	31 Jul 2025 11:47	AR\AJ	Ok
6	PSTDICC075	PD089689.D	31 Jul 2025 12:01	AR\AJ	Ok,M
7	PSTDICC050	PD089690.D	31 Jul 2025 12:14	AR\AJ	Ok
8	PSTDICC025	PD089691.D	31 Jul 2025 12:28	AR\AJ	Ok
9	PSTDICC005	PD089692.D	31 Jul 2025 12:41	AR\AJ	Ok,M
10	PCHLORICC1000	PD089693.D	31 Jul 2025 12:56	AR\AJ	Ok
11	PCHLORICC750	PD089694.D	31 Jul 2025 13:09	AR\AJ	Ok
12	PCHLORICC500	PD089695.D	31 Jul 2025 13:23	AR\AJ	Ok
13	PCHLORICC250	PD089696.D	31 Jul 2025 13:36	AR\AJ	Ok
14	PCHLORICC050	PD089697.D	31 Jul 2025 13:50	AR\AJ	Ok
15	PTOXICC1000	PD089698.D	31 Jul 2025 14:03	AR\AJ	Ok
16	PTOXICC750	PD089699.D	31 Jul 2025 14:17	AR\AJ	Ok
17	PTOXICC500	PD089700.D	31 Jul 2025 14:31	AR\AJ	Ok
18	PTOXICC250	PD089701.D	31 Jul 2025 14:44	AR\AJ	Ok,M
19	PTOXICC100	PD089702.D	31 Jul 2025 14:58	AR\AJ	Ok,M
20	PSTDICV050	PD089703.D	31 Jul 2025 15:11	AR\AJ	Ok
21	PCHLORICV500	PD089704.D	31 Jul 2025 15:25	AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM		
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM		
SubDirectory	PD073125	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
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	PD089705.D	31 Jul 2025 15:39	AR\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM		
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM		
SubDirectory	PD081625	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089903.D	15 Aug 2025 09:24	AR\AJ	Ok
2	I.BLK	PD089904.D	15 Aug 2025 09:37	AR\AJ	Ok
3	PEM	PD089905.D	15 Aug 2025 09:51	AR\AJ	Ok,M
4	PSTDCCC050	PD089906.D	15 Aug 2025 10:04	AR\AJ	Ok
5	Q2819-06DL	PD089907.D	15 Aug 2025 10:21	AR\AJ	Ok,M
6	Q2819-14DL	PD089908.D	15 Aug 2025 10:35	AR\AJ	Dilution
7	Q2819-14DL2	PD089909.D	15 Aug 2025 10:49	AR\AJ	Ok,M
8	Q2820-09RE	PD089910.D	15 Aug 2025 11:02	AR\AJ	Confirms
9	Q2827-01DL	PD089911.D	15 Aug 2025 11:56	AR\AJ	Ok,M
10	Q2827-05DL	PD089912.D	15 Aug 2025 12:17	AR\AJ	Ok,M
11	I.BLK	PD089913.D	15 Aug 2025 13:12	AR\AJ	Ok,M
12	PSTDCCC050	PD089914.D	15 Aug 2025 13:53	AR\AJ	Ok,M
13	PB169261BL	PD089915.D	15 Aug 2025 15:31	AR\AJ	Ok
14	PB169261BS	PD089916.D	15 Aug 2025 16:02	AR\AJ	Ok,M
15	Q2877-01	PD089917.D	15 Aug 2025 16:16	AR\AJ	Ok,M
16	Q2732-03	PD089918.D	15 Aug 2025 16:29	AR\AJ	Ok,M
17	Q2832-02	PD089919.D	15 Aug 2025 16:43	AR\AJ	Ok
18	Q2832-02MS	PD089920.D	15 Aug 2025 16:57	AR\AJ	Ok,M
19	Q2832-02MSD	PD089921.D	15 Aug 2025 17:10	AR\AJ	Ok,M
20	Q2832-04	PD089922.D	15 Aug 2025 17:39	AR\AJ	Ok
21	Q2832-06	PD089923.D	15 Aug 2025 17:52	AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM		
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM		
SubDirectory	PD081625	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2832-08	PD089924.D	15 Aug 2025 18:06	AR\AJ	Ok
23	I.BLK	PD089925.D	15 Aug 2025 18:20	AR\AJ	Ok
24	PEM	PD089926.D	15 Aug 2025 18:33	AR\AJ	Ok,M
25	PSTDCCC050	PD089927.D	15 Aug 2025 18:47	AR\AJ	Ok,M
26	Q2832-10	PD089928.D	15 Aug 2025 19:04	AR\AJ	Ok
27	Q2836-03	PD089929.D	15 Aug 2025 19:17	AR\AJ	Ok
28	Q2836-07	PD089930.D	15 Aug 2025 19:31	AR\AJ	Ok,M
29	Q2836-11	PD089931.D	15 Aug 2025 19:45	AR\AJ	Ok,M
30	Q2836-15	PD089932.D	15 Aug 2025 19:58	AR\AJ	Ok
31	Q2876-01	PD089933.D	15 Aug 2025 20:12	AR\AJ	Ok,M
32	I.BLK	PD089934.D	15 Aug 2025 20:26	AR\AJ	Ok
33	PSTDCCC050	PD089935.D	15 Aug 2025 20:39	AR\AJ	Ok
34	PB169263BL	PD089936.D	15 Aug 2025 21:34	AR\AJ	Ok
35	PB169263BS	PD089937.D	15 Aug 2025 21:48	AR\AJ	Ok
36	PB169212TB	PD089938.D	15 Aug 2025 22:02	AR\AJ	Ok
37	PB169264BL	PD089939.D	15 Aug 2025 22:15	AR\AJ	Ok
38	PB169264BS	PD089940.D	15 Aug 2025 22:29	AR\AJ	Ok
39	PB169264BSD	PD089941.D	15 Aug 2025 22:43	AR\AJ	Ok
40	Q2864-01	PD089942.D	15 Aug 2025 22:56	AR\AJ	Ok,M
41	Q2864-03	PD089943.D	15 Aug 2025 23:10	AR\AJ	Not Ok
42	Q2865-02	PD089944.D	15 Aug 2025 23:24	AR\AJ	Ok,M
43	I.BLK	PD089945.D	15 Aug 2025 23:38	AR\AJ	Ok,M
44	PEM	PD089946.D	15 Aug 2025 23:51	AR\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM		
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM		
SubDirectory	PD081625	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	PSTDCCC050	PD089947.D	16 Aug 2025 00:05	AR\AJ	Ok
46	Q2870-01	PD089948.D	16 Aug 2025 01:00	AR\AJ	Ok,M
47	Q2870-01MS	PD089949.D	16 Aug 2025 01:13	AR\AJ	Ok,M
48	Q2870-01MSD	PD089950.D	16 Aug 2025 01:27	AR\AJ	Ok,M
49	Q2870-04	PD089951.D	16 Aug 2025 01:41	AR\AJ	Ok,M
50	Q2871-01	PD089952.D	16 Aug 2025 01:54	AR\AJ	Ok,M
51	Q2871-04	PD089953.D	16 Aug 2025 02:08	AR\AJ	Ok,M
52	Q2871-07	PD089954.D	16 Aug 2025 02:22	AR\AJ	Ok,M
53	Q2872-01	PD089955.D	16 Aug 2025 02:36	AR\AJ	Ok,M
54	Q2873-01	PD089956.D	16 Aug 2025 02:49	AR\AJ	Ok,M
55	Q2873-04	PD089957.D	16 Aug 2025 03:03	AR\AJ	Ok,M
56	I.BLK	PD089958.D	16 Aug 2025 03:17	AR\AJ	Ok
57	PSTDCCC050	PD089959.D	16 Aug 2025 03:30	AR\AJ	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM		
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM		
SubDirectory	PD073125	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
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	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089684.D	31 Jul 2025 09:13		AR\AJ	Ok
2	I.BLK	I.BLK	PD089685.D	31 Jul 2025 10:33		AR\AJ	Ok
3	PEM	PEM	PD089686.D	31 Jul 2025 10:47		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD089687.D	31 Jul 2025 11:34		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD089688.D	31 Jul 2025 11:47		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD089689.D	31 Jul 2025 12:01		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PD089690.D	31 Jul 2025 12:14		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD089691.D	31 Jul 2025 12:28		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD089692.D	31 Jul 2025 12:41		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD089693.D	31 Jul 2025 12:56		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD089694.D	31 Jul 2025 13:09		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD089695.D	31 Jul 2025 13:23		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD089696.D	31 Jul 2025 13:36		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD089697.D	31 Jul 2025 13:50		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PD089698.D	31 Jul 2025 14:03		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD089699.D	31 Jul 2025 14:17		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD089700.D	31 Jul 2025 14:31		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD089701.D	31 Jul 2025 14:44		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM		
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM		
SubDirectory	PD073125	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
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	

19	PTOXICC100	PTOXICC100	PD089702.D	31 Jul 2025 14:58		AR\AJ	Ok,M
20	PSTDICV050	ICVPD073125	PD089703.D	31 Jul 2025 15:11		AR\AJ	Ok
21	PCHLORICV500	ICVPD073125CHLOR	PD089704.D	31 Jul 2025 15:25		AR\AJ	Ok
22	PTOXICV500	ICVPD073125TOX	PD089705.D	31 Jul 2025 15:39		AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM		
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM		
SubDirectory	PD081625	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089903.D	15 Aug 2025 09:24		AR\AJ	Ok
2	I.BLK	I.BLK	PD089904.D	15 Aug 2025 09:37		AR\AJ	Ok
3	PEM	PEM	PD089905.D	15 Aug 2025 09:51		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD089906.D	15 Aug 2025 10:04		AR\AJ	Ok
5	Q2819-06DL	11M-SDL	PD089907.D	15 Aug 2025 10:21		AR\AJ	Ok,M
6	Q2819-14DL	17M-WDL	PD089908.D	15 Aug 2025 10:35	Need dilution	AR\AJ	Dilution
7	Q2819-14DL2	17M-WDL2	PD089909.D	15 Aug 2025 10:49	TCMX high in 2nd column	AR\AJ	Ok,M
8	Q2820-09RE	705R-SRE	PD089910.D	15 Aug 2025 11:02	DCB low in both column	AR\AJ	Confirms
9	Q2827-01DL	TP-8DL	PD089911.D	15 Aug 2025 11:56		AR\AJ	Ok,M
10	Q2827-05DL	TP-9DL	PD089912.D	15 Aug 2025 12:17		AR\AJ	Ok,M
11	I.BLK	I.BLK	PD089913.D	15 Aug 2025 13:12		AR\AJ	Ok,M
12	PSTDCCC050	PSTDCCC050	PD089914.D	15 Aug 2025 13:53		AR\AJ	Ok,M
13	PB169261BL	PB169261BL	PD089915.D	15 Aug 2025 15:31		AR\AJ	Ok
14	PB169261BS	PB169261BS	PD089916.D	15 Aug 2025 16:02		AR\AJ	Ok,M
15	Q2877-01	EO-02-08142025	PD089917.D	15 Aug 2025 16:16		AR\AJ	Ok,M
16	Q2732-03	WC-A7-01-C	PD089918.D	15 Aug 2025 16:29		AR\AJ	Ok,M
17	Q2832-02	TG-S01	PD089919.D	15 Aug 2025 16:43		AR\AJ	Ok
18	Q2832-02MS	TG-S01MS	PD089920.D	15 Aug 2025 16:57		AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM		
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM		
SubDirectory	PD081625	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2832-02MSD	TG-S01MSD	PD089921.D	15 Aug 2025 17:10		AR\AJ	Ok,M
20	Q2832-04	TG-S02	PD089922.D	15 Aug 2025 17:39		AR\AJ	Ok
21	Q2832-06	TG-S03	PD089923.D	15 Aug 2025 17:52		AR\AJ	Ok
22	Q2832-08	TG-S04	PD089924.D	15 Aug 2025 18:06		AR\AJ	Ok
23	I.BLK	I.BLK	PD089925.D	15 Aug 2025 18:20		AR\AJ	Ok
24	PEM	PEM	PD089926.D	15 Aug 2025 18:33		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD089927.D	15 Aug 2025 18:47		AR\AJ	Ok,M
26	Q2832-10	TG-S05	PD089928.D	15 Aug 2025 19:04		AR\AJ	Ok
27	Q2836-03	WC-A2-15-C	PD089929.D	15 Aug 2025 19:17		AR\AJ	Ok
28	Q2836-07	WC-A2-16-C	PD089930.D	15 Aug 2025 19:31		AR\AJ	Ok,M
29	Q2836-11	WC-A2-17-C	PD089931.D	15 Aug 2025 19:45		AR\AJ	Ok,M
30	Q2836-15	WC-A5-02-C	PD089932.D	15 Aug 2025 19:58		AR\AJ	Ok
31	Q2876-01	CL-02-08142025	PD089933.D	15 Aug 2025 20:12		AR\AJ	Ok,M
32	I.BLK	I.BLK	PD089934.D	15 Aug 2025 20:26		AR\AJ	Ok
33	PSTDCCC050	PSTDCCC050	PD089935.D	15 Aug 2025 20:39		AR\AJ	Ok
34	PB169263BL	PB169263BL	PD089936.D	15 Aug 2025 21:34		AR\AJ	Ok
35	PB169263BS	PB169263BS	PD089937.D	15 Aug 2025 21:48		AR\AJ	Ok
36	PB169212TB	PB169212TB	PD089938.D	15 Aug 2025 22:02		AR\AJ	Ok
37	PB169264BL	PB169264BL	PD089939.D	15 Aug 2025 22:15		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM		
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM		
SubDirectory	PD081625	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB169264BS	PB169264BS	PD089940.D	15 Aug 2025 22:29		AR\AJ	Ok
39	PB169264BSD	PB169264BSD	PD089941.D	15 Aug 2025 22:43		AR\AJ	Ok
40	Q2864-01	LAW-25-122-126	PD089942.D	15 Aug 2025 22:56		AR\AJ	Ok,M
41	Q2864-03	LAW-25-113-121	PD089943.D	15 Aug 2025 23:10	Surroage fail	AR\AJ	Not Ok
42	Q2865-02	ARS10-0047	PD089944.D	15 Aug 2025 23:24		AR\AJ	Ok,M
43	I.BLK	I.BLK	PD089945.D	15 Aug 2025 23:38		AR\AJ	Ok,M
44	PEM	PEM	PD089946.D	15 Aug 2025 23:51		AR\AJ	Ok,M
45	PSTDCCC050	PSTDCCC050	PD089947.D	16 Aug 2025 00:05	Comp#14 high in 2nd column	AR\AJ	Ok
46	Q2870-01	DRILL CUTTING 1-5 C	PD089948.D	16 Aug 2025 01:00		AR\AJ	Ok,M
47	Q2870-01MS	DRILL CUTTING 1-5 C	PD089949.D	16 Aug 2025 01:13		AR\AJ	Ok,M
48	Q2870-01MSD	DRILL CUTTING 1-5 C	PD089950.D	16 Aug 2025 01:27		AR\AJ	Ok,M
49	Q2870-04	DRILL CUTTING 6-9 C	PD089951.D	16 Aug 2025 01:41		AR\AJ	Ok,M
50	Q2871-01	DRILL CUTTING 1-3 C	PD089952.D	16 Aug 2025 01:54		AR\AJ	Ok,M
51	Q2871-04	DRILL CUTTING 4-6 C	PD089953.D	16 Aug 2025 02:08		AR\AJ	Ok,M
52	Q2871-07	DRILL CUTTING 1-5 C	PD089954.D	16 Aug 2025 02:22		AR\AJ	Ok,M
53	Q2872-01	DRILL CUTTING 1-2 C	PD089955.D	16 Aug 2025 02:36		AR\AJ	Ok,M
54	Q2873-01	DRILL CUTTING 1-3 C	PD089956.D	16 Aug 2025 02:49		AR\AJ	Ok,M
55	Q2873-04	DRILL CUTTING 4-6 C	PD089957.D	16 Aug 2025 03:03		AR\AJ	Ok,M
56	I.BLK	I.BLK	PD089958.D	16 Aug 2025 03:17		AR\AJ	Ok

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM		
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM		
SubDirectory	PD081625	HP Acquire Method		HP Processing Method	pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

57	PSTDCCC050	PSTDCCC050	PD089959.D	16 Aug 2025 03:30	Comp#14 high in 2nd column	AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169212

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

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 08/12/2025 **Time :** 17:00

End Prep Date : 08/13/2025 **Time :** 10:35

Combination Ratio : 20

ZHE Cleaning Batch : ~~N/A~~ 10

Initial Room Temperature: 24 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : RM

Standared 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	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. Particle size reduction is not required. Q2838-08 IS USED for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/13/25 11:50	JP ICP Room	8/13. RJ IC+
	Preparation Group	Analysis Group / MH DIG

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169212

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
PB169212TB	LEB212	13	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2732-03	WC-A7-01-C	01	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2832-02	TG-S01	02	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2832-04	TG-S02	03	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2832-06	TG-S03	04	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2832-08	TG-S04	05	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2832-10	TG-S05	06	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q2836-03	WC-A2-15-C	07	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-07	WC-A2-16-C	08	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2836-11	WC-A2-17-C	09	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-15	WC-A5-02-C	10	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2838-04	TP-11	11	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2838-08	TP-10	12	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169212TB	LEB212	N/A	N/A	N/A	N/A	N/A	N/A
Q2732-03	WC-A7-01-C	N/A	N/A	N/A	N/A	100	N/A
Q2832-02	TG-S01	N/A	N/A	N/A	N/A	100	N/A
Q2832-04	TG-S02	N/A	N/A	N/A	N/A	100	N/A
Q2832-06	TG-S03	N/A	N/A	N/A	N/A	100	N/A
Q2832-08	TG-S04	N/A	N/A	N/A	N/A	100	N/A
Q2832-10	TG-S05	N/A	N/A	N/A	N/A	100	N/A
Q2836-03	WC-A2-15-C	N/A	N/A	N/A	N/A	100	N/A
Q2836-07	WC-A2-16-C	N/A	N/A	N/A	N/A	100	N/A
Q2836-11	WC-A2-17-C	N/A	N/A	N/A	N/A	100	N/A
Q2836-15	WC-A5-02-C	N/A	N/A	N/A	N/A	100	N/A
Q2838-04	TP-11	N/A	N/A	N/A	N/A	100	N/A
Q2838-08	TP-10	N/A	N/A	N/A	N/A	100	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB169212

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
PB169212TB	LEB212	N/A	N/A	N/A	N/A	#1	4.93
Q2732-03	WC-A7-01-C	5.02	96.5	11.5	4.5	#1	4.93
Q2832-02	TG-S01	5.02	96.5	8.4	3.5	#1	4.93
Q2832-04	TG-S02	5.01	96.5	8.4	3.5	#1	4.93
Q2832-06	TG-S03	5.02	96.5	8.2	3.0	#1	4.93
Q2832-08	TG-S04	5.03	96.5	8.0	3.0	#1	4.93
Q2832-10	TG-S05	5.04	96.5	7.0	2.5	#1	4.93
Q2836-03	WC-A2-15-C	5.03	96.5	12.0	4.5	#1	4.93
Q2836-07	WC-A2-16-C	5.02	96.5	12.0	4.5	#1	4.93
Q2836-11	WC-A2-17-C	5.03	96.5	12.5	4.5	#1	4.93
Q2836-15	WC-A5-02-C	5.02	96.5	11.5	4.5	#1	4.93
Q2838-04	TP-11	5.03	96.5	7.6	3.0	#1	4.93
Q2838-08	TP-10	5.02	96.5	7.2	2.5	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q2832 **WorkList ID :** 191220 **Department :** TCLP Extraction **Date :** 08-12-2025 11:53:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2732-03	WC-A7-01-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J21	08/12/2025	1311
Q2832-02	TG-S01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-04	TG-S02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-06	TG-S03	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-08	TG-S04	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-10	TG-S02	Solid	TCLP Extraction	Cool 4 deg C	PORT06		08/11/2025	1311
Q2836-03	WC-A2-15-C	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/12/2025	1311
Q2836-07	WC-A2-16-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2836-11	WC-A2-17-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2836-15	WC-A5-02-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2838-04	TP-11	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2838-08	TP-10	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	08/12/2025	1311
					PSEG03	D21	08/12/2025	1311

Date/Time 08/12/25 14:30
Raw Sample Received by: BD WC
Raw Sample Relinquished by: CP SM

Date/Time 08/12/25 18:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: BD WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169263

SOP ID:	M3510C,3580A-Extraction Pesticide-17				
Clean Up SOP #:	N/A			**Extraction Start Date :**	08/15/2025
Matrix :	Water			**Extraction Start Time :**	09:50
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	08/15/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	14:30
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	RS
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2632
Hexane	N/A	E3962
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
8/15/25	RS (Extlab)	Y-P-Pestlab
14:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169263

Analytical Method: M3510C,3580A-Extraction Pesticide-17 **Concentration Date:** 08/15/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169212TB	PB169212TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB169263BL	PBLK263	TCLP Pesticide	1000	6	RUPESH	ritesh	10			2
PB169263BS	PLCS263	TCLP Pesticide	1000	6	RUPESH	ritesh	10			3
Q2732-03	WC-A7-01-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		4
Q2832-02	TG-S01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
Q2832-02MS	TG-S01MS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
Q2832-02MSD	TG-S01MSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7
Q2832-04	TG-S02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		8
Q2832-06	TG-S03	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		9
Q2832-08	TG-S04	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		10
Q2832-10	TG-S05	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		11
Q2836-03	WC-A2-15-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		12
Q2836-07	WC-A2-16-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		13
Q2836-11	WC-A2-17-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		14
Q2836-15	WC-A5-02-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		15

8/15

* **Extracts relinguished on the same date as received.**

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB169212

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
PB169212TB	LEB212	13	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2732-03	WC-A7-01-C	01	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2832-02	TG-S01	02	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2832-04	TG-S02	03	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2832-06	TG-S03	04	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2832-08	TG-S04	05	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2832-10	TG-S05	06	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q2836-03	WC-A2-15-C	07	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-07	WC-A2-16-C	08	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2836-11	WC-A2-17-C	09	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-15	WC-A5-02-C	10	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2838-04	TP-11	11	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2838-08	TP-10	12	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2

08/13/25
12:00

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Prep Standard - Chemical Standard Summary

Order ID : Q2836

Test : TCLP Pesticide

Prepbatch ID : PB169263,

Sequence ID/Qc Batch ID: pd081625,

Standard ID :

EP2632,PP24329,PP24433,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24766,

Chemical ID :

E3875,E3914,E3941,E3944,E3954,E3955,E3956,E3962,P12604,P12610,P13038,P13041,P13196,P13246,P13356,P13774,P13786,P13788,P13862,P9053,W3177,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2632	08/11/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 08/11/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
4027	Pesticide resolution Check Mixture 8081	PP24651	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel 07/22/2025

FROM 1.00000ml of P13246 + 99.00000ml of E3941 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3629	20 PPM PEST stock Solution 1st source(RESTEK)	PP24738	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 1.00000ml of P13038 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1472	20 PPM Pest Stock Solution 2nd Source	PP24739	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 1.00000ml of P13041 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1273	20 PPM Mirex Stock (Primary Source)	PP24740	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 1.00000ml of P9053 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3663	20 PPM MIREX Stock STD (Secondary source)	PP24741	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 1.00000ml of P13196 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24742	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 1.00000ml of P13788 + 9.00000ml of E3956 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3630	100/100 PPB PEST Working std.1st Source(RESTEK)	PP24744	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 98.50000ml of E3956 + 0.50000ml of PP24738 + 0.50000ml of PP24740 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
80	100/100 PPB Pesticide Working Solution 2nd Source	PP24745	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 98.50000ml of E3956 + 0.50000ml of PP24739 + 0.50000ml of PP24741 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
386	1000/100 PPB Chlordane STD (Restek)	PP24746	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.10000ml of P12604 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	PP24747	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.10000ml of P12610 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
383	1000/100 PPB Toxaphene STD (Restek)	PP24748	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.10000ml of P13774 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	PP24749	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.10000ml of P13862 + 99.40000ml of E3956 + 0.50000ml of PP24742 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3631	75 PPB ICAL PEST STD(RESTEK)	PP24750	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24744 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3632	50 PPB ICAL PEST STD(RESTEK)	PP24751	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24744 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3633	25 PPB ICAL PEST STD(RESTEK)	PP24752	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24744 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3634	5 PPB ICAL PEST STD(RESTEK)	PP24753	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24751 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3988	50 PPB PEST ICV STD(RESTEK)	PP24754	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
528	CHLOR 750 PPB STD	PP24755	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24746 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
529	CHLOR 500 PPB STD	PP24756	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24746 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
530	CHLOR 250 PPB STD	PP24757	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24746 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3408	CHLOR 50 PPB STD	PP24758	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
532	CHLOR 500 PPB ICV STD	PP24759	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24747 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
533	TOX 750 PPB STD	PP24760	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.25000ml of E3956 + 0.75000ml of PP24748 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
534	TOX 500 PPB STD	PP24761	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.50000ml of E3956 + 0.50000ml of PP24748 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
535	TOX 250 PPB STD	PP24762	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.75000ml of E3956 + 0.25000ml of PP24748 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2217	TOX 100 PPB STD	PP24763	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.90000ml of E3956 + 0.10000ml of PP24748 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3670	TOX 500 PPB ICV std (RESTEK)	PP24764	07/21/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 07/24/2025

FROM 0.50000ml of PP24749 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
79	500 PPB Pesticide Spike Solution	PP24766	07/28/2025	01/21/2026	Abdul Mirza	None	None	Yogesh Patel 08/19/2025

FROM 95.00000ml of E3955 + 2.50000ml of PP24739 + 2.50000ml of PP24741 = Final Quantity: 100.000 ml

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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	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

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-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3941

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	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

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)	25B1862001	03/19/2026	07/14/2025 / RUPESH	06/11/2025 / RUPESH	E3954

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	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

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

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	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

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	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12604

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32021 / Chlordane Std.	A0197993	01/21/2026	07/21/2025 / Abdul	07/03/2023 / Abdul	P12610

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	01/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13038

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	07/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13041

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Fax : 908 789 8922

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	01/21/2026	07/21/2025 / Abdul	01/17/2024 / Abdul	P13196

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	12/17/2025	06/17/2025 / Abdul	02/09/2024 / Abdul	P13246

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	32005 / Toxaphene Standard	A0203038	01/21/2026	07/21/2025 / Abdul	05/03/2024 / Ankita	P13774

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	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

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	01/21/2026	07/21/2025 / Abdul	11/19/2024 / Ankita	P13788

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Fax : 908 789 8922

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	01/21/2026	07/21/2025 / Abdul	12/09/2024 / Abdul	P13862

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	01/21/2026	07/21/2025 / Abdul	11/01/2019 / Stephen	P9053

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 QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
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_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
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%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
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.

E 3875

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

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

Harout Sahagian - Quality Control Manager - Fair Lawn

Recd. by RI on 6/11/25

E3941

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™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

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

E3944

JCroak

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

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

avantor™ | J.T.Baker

Material No.: 9266-A4
Batch No.: 25B1862001
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 HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	2
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	>= 99.8 %	99.9 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	<= 0.3	<0.1
Chloride (Cl)	<= 10 ppm	<5 ppm
Water (by KF, coulometric)	<= 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

RS 7/14/25

E3954

JCroak

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

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

Recieved on 7/16/25

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

E 3955

JCroak
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

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

avantor™ | J.T.Baker

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) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_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: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recieved on 7/16/25

E3956

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker

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) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_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

Recieved on 7/30/25

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

E3962

JCroak

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

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.

P130397 } 5
↓
P130431

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

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%

P 13039 5
↓
P 13043 1
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.)

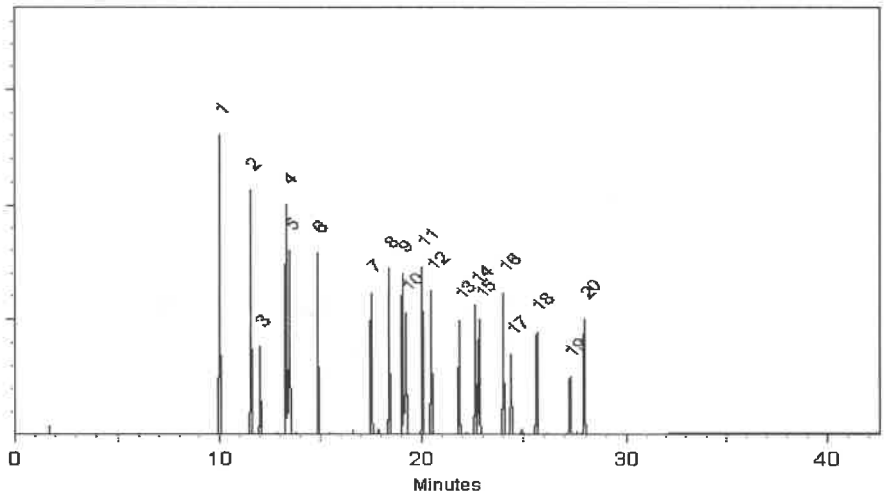
Inj. Temp:
200°C

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 - Operations Technician I

Date Mixed: 19-Jun-2023 **Balance Serial #** 1128360905

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 79136
Lot Number: 042022
Description: Mirex

Solvent(s): Acetone **Lot#** 81025

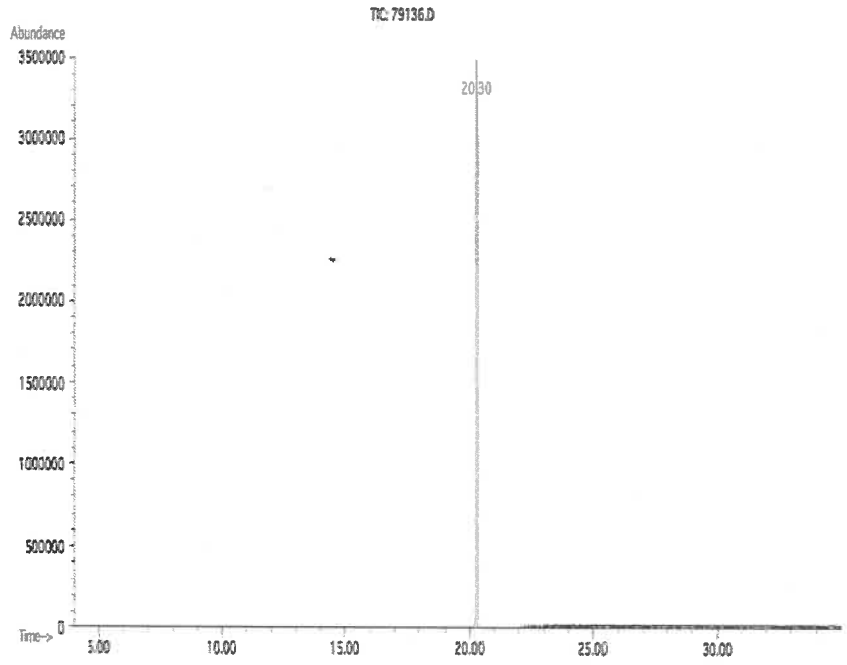
Expiration Date: 042027
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.006 Flask Uncertainty

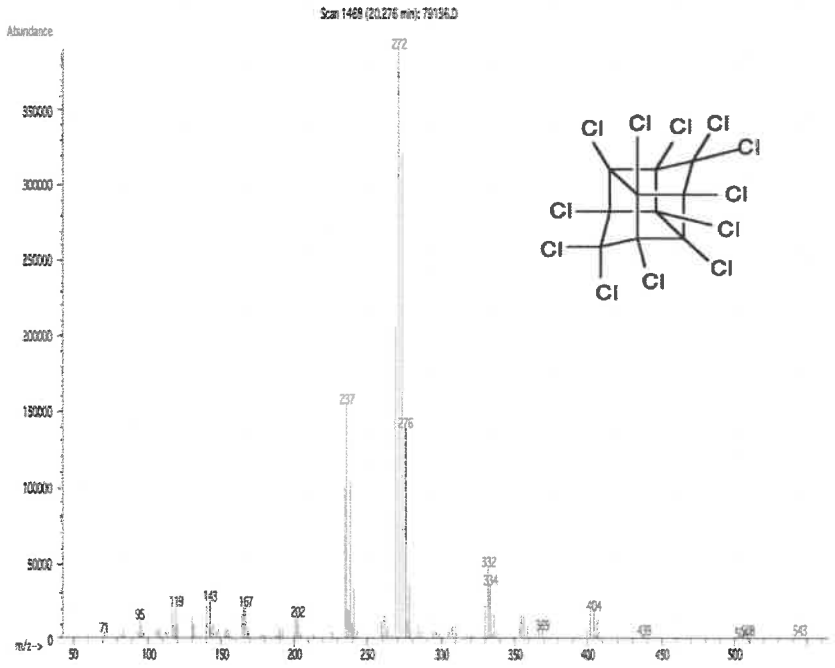
Prashant Chauhan 042022
Formulated By: Prashant Chauhan DATE

Pedro Rentas 042022
Reviewed By: Pedro L. Rentas DATE

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	orl-rat 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.





P13195
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P13199
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(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 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).

P13195

↓

P13199

5

01/17/2024

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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.

P12603 (3)
↓
P12605
7/3/2023

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

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

* 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.)

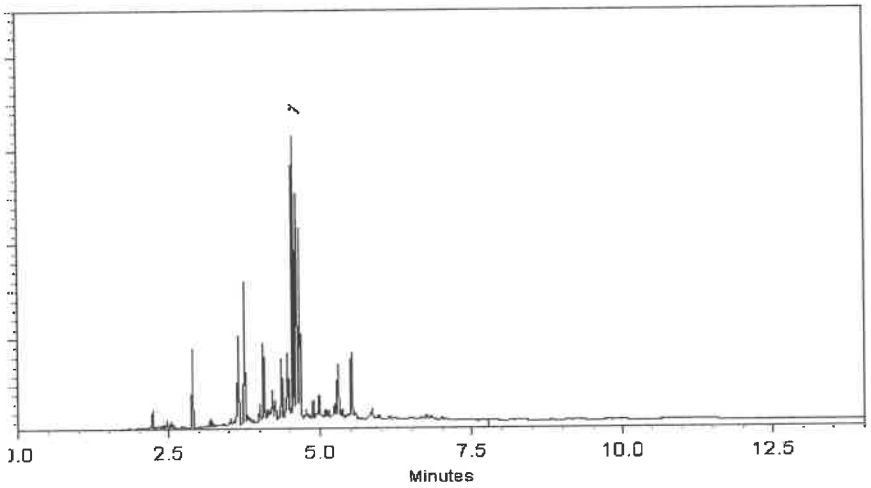
Inj. Temp:
250°C

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.

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

P12603 & P12605 (3)

7/3/2023

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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

P12606 → P12610 (5 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	----%	1,005.0 µg/mL	+/- 55.7700

* 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.)

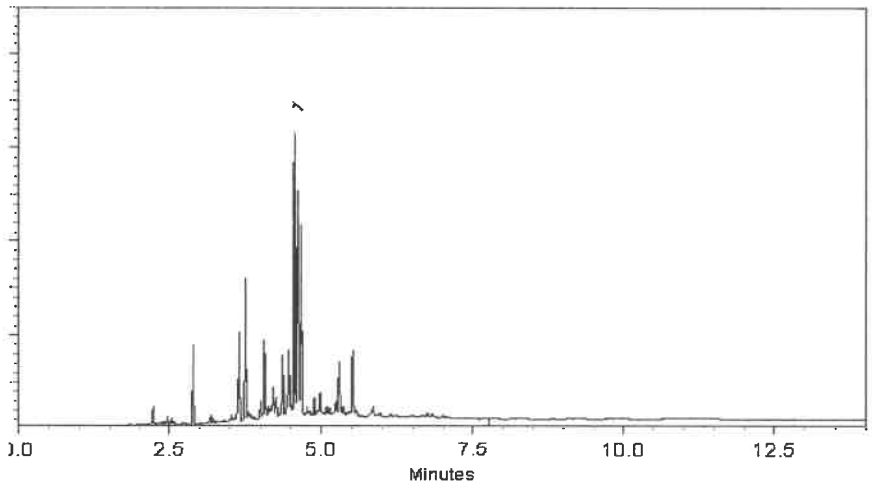
Inj. Temp:
250°C

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.

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 12606 → P 12610

7/3/2023

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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.

P 13034 ↓ P 13038 5

12.26.2023

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

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) 5
↓
P13038 1

12/26/2023

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.)

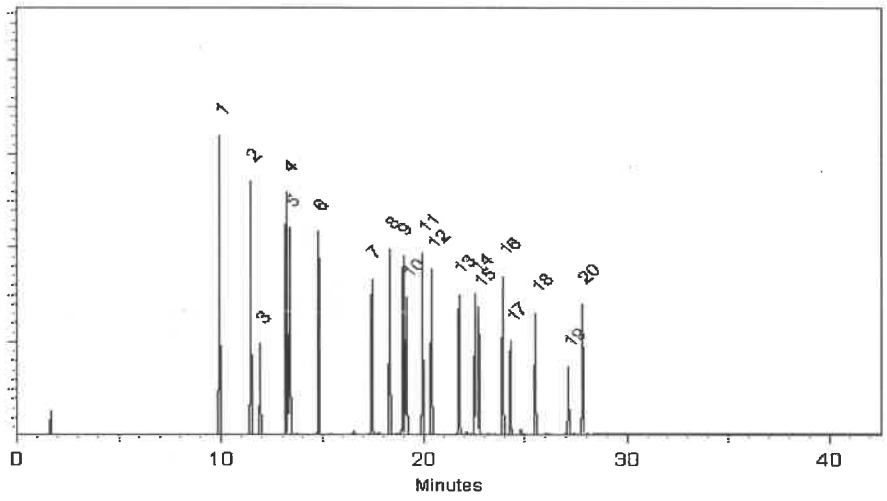
Inj. Temp:
200°C

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.

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 19161
Lot Number: 013124
Description: CLP Pesticides & PCB's Resolution Check Standard
9 components

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

Expiration Date: 013129
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 100.0 ± 0.021 Flask Uncertainty

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	013124 DATE
Reviewed By:	Pedro L. Rentas	013124 DATE

	Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(ug/mL)	Final Conc.(ug/mL)	Expanded Uncertainty (+/-) µg/mL	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	trans-Chlordane	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	5103-74-2	0.5mg/m3 (skin)	orl-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)	orl-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	orl-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)	orl-rat 38300ug/kg
5.	Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	orl-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	orl-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

P13243 } (5)
thru
P13247

02/9/2024

- 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 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).

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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.

P13348 ↓ P13357 (10)

04/25/2024

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

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:
hellum-constant pressure 20 psi.

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

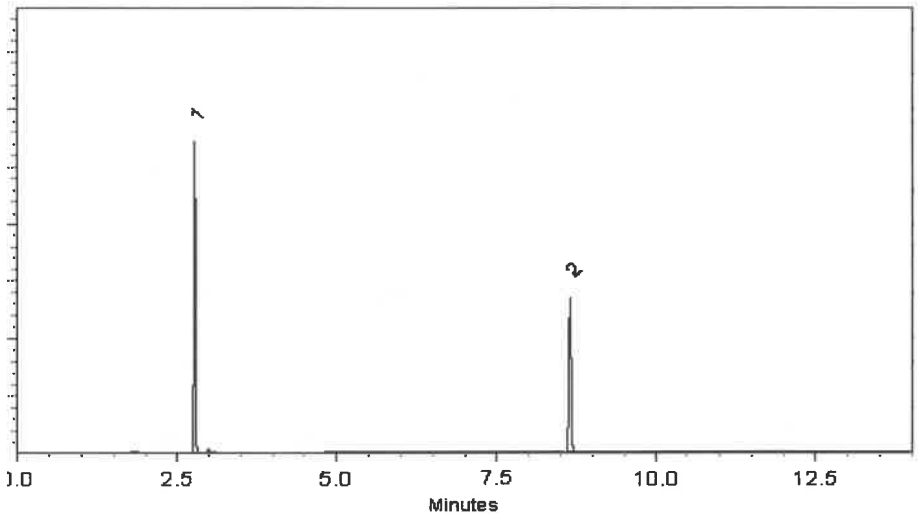
Inj. Temp:
250°C

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

P13348 (10)

↓

P13357

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

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%

P13773
↓
P13779
AT
11/19/24

05-06-2024

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.)

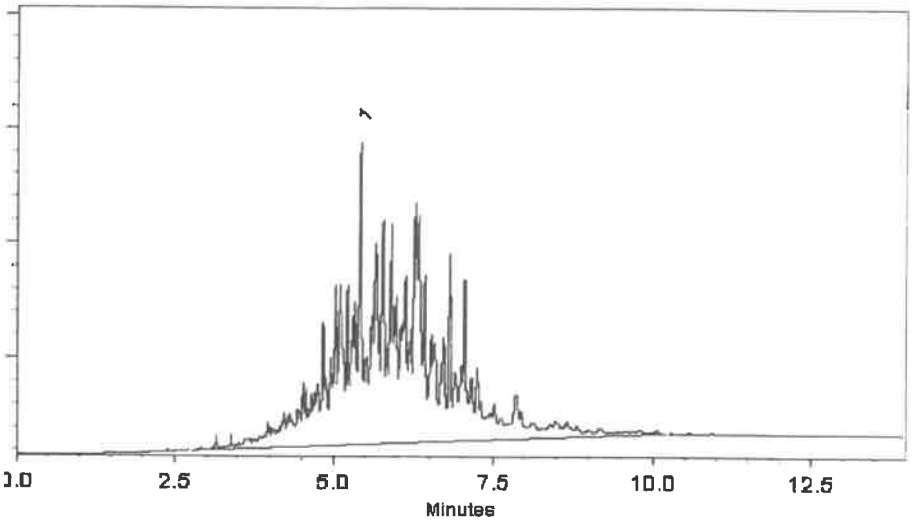
Inj. Temp:
250°C

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.

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

P13380 (2)

P13389

P13773 → P13779

AJ 11/19/24

05-06-2024

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Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.:** 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
↓
P19789
AJ
11/19/24

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.)

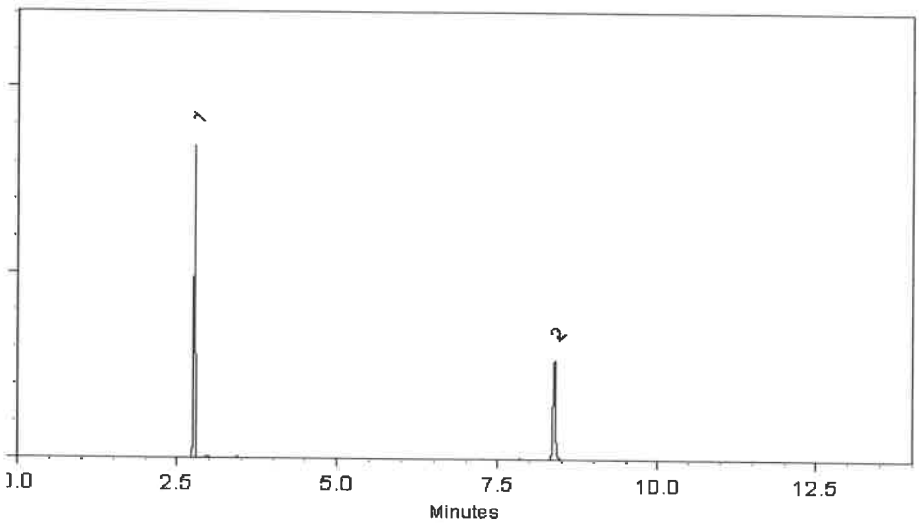
Inj. Temp:
250°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

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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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.:** 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
↓
P19789
AJ
11/19/24

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.)

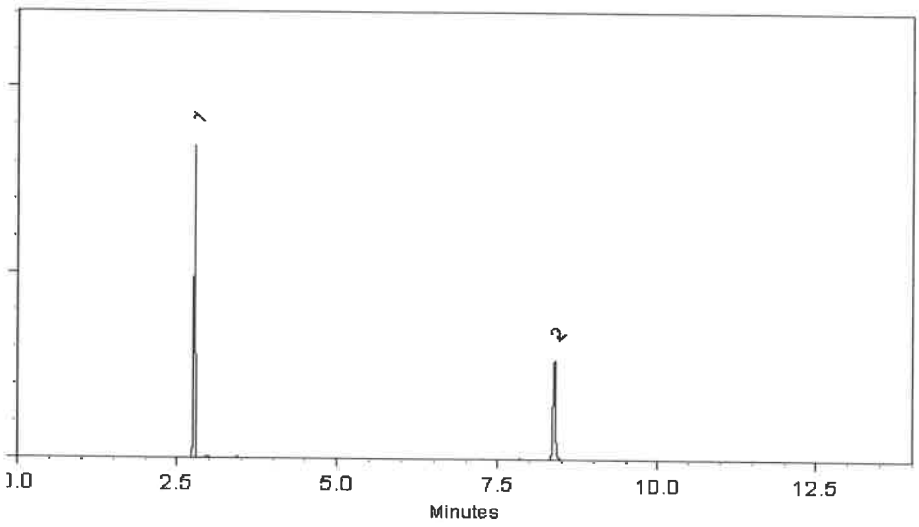
Inj. Temp:
250°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

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

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

www.restek.com

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Certificate #3222.02

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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 (2)

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.)

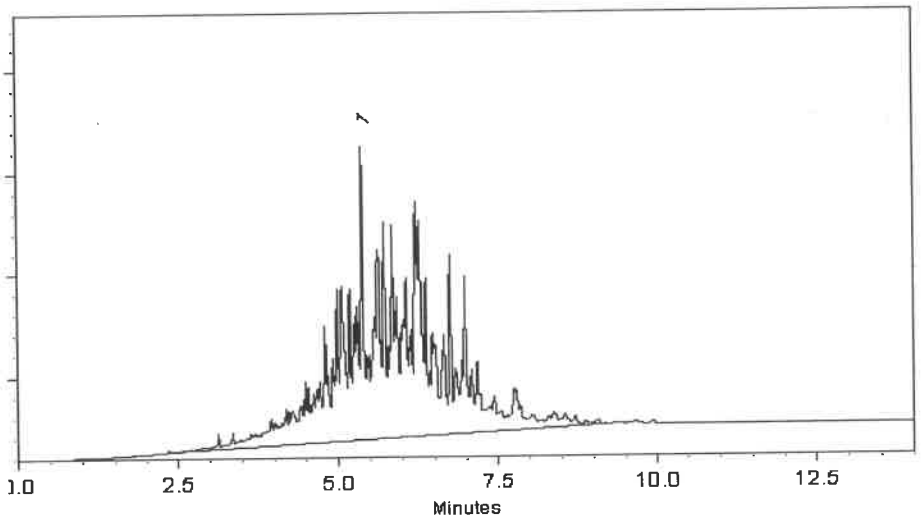
Inj. Temp:
250°C

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ISO 17034 Accredited
Scopes: http://AbsoluteStandards.com

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): 200.0

Solvent(s): **Lot#**
Methylene chloride 102669

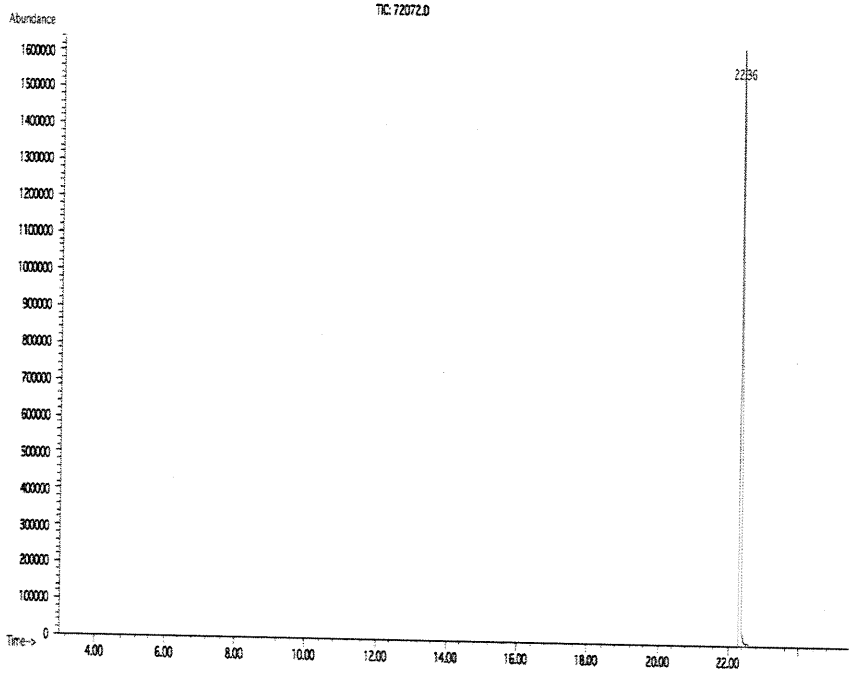
Received by SG on 11/1/19
P9044 - P9053

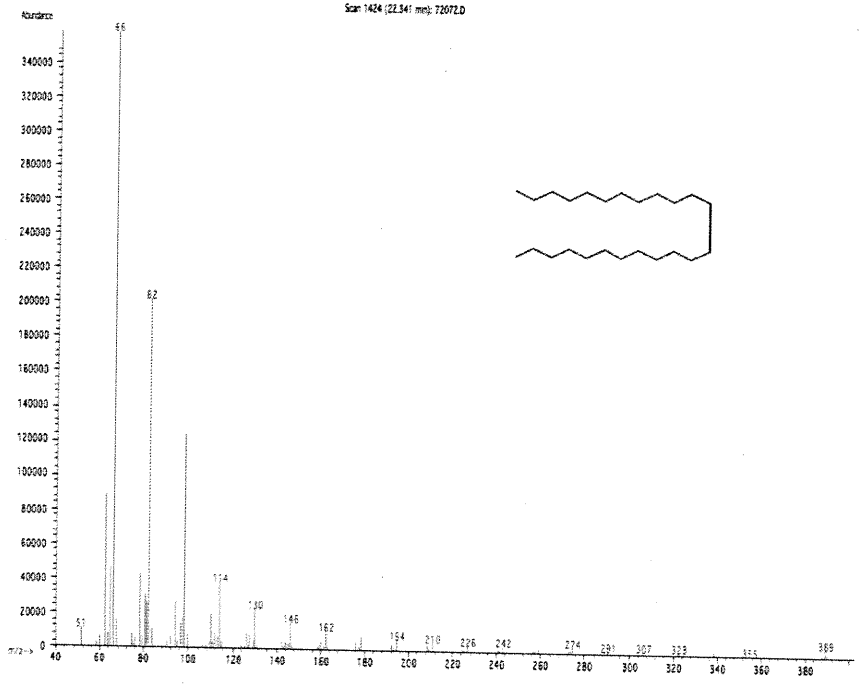
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Prashant Chauhan	112018 DATE
Reviewed By:	Pedro Rentas	112018 DATE

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. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	16416-32-3	N/A	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.





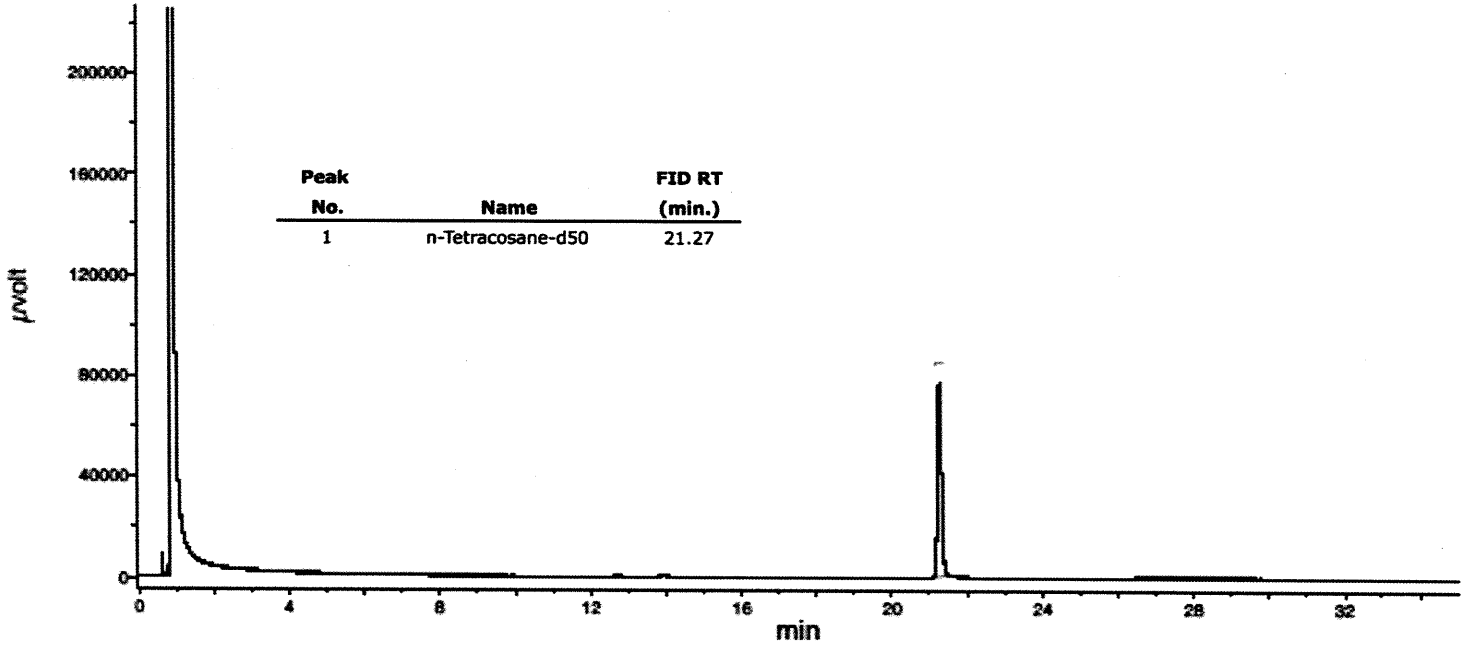
- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **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 1.5um 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 uL, Range = 3



Peak No.	Name	FID RT (min.)
1	n-Tetracosane-d50	21.27

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

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

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_2SO_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

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q 2836

COC Number: 2042113

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: DAYS*
EDD 3 DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH *	I/C/R	PCBs	Oil & Grease

* For TCLP pH - include preparatory information for TCLP leachate

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WC-A2-15-G	Soil		X	8/12	12:00	1	X									<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
2.	WC-A2-15-C	Soil	X		8/12	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A2-16-G	Soil		X	8/12	12:00	1	X									
4.	WC-A2-16-C	Soil	X		8/12	12:00	11		X	X	X	X	X	X	X	X	
5.	WC-A2-17-G	Soil		X	8/12	12:00	1	X									
6.	WC-A2-17-C	Soil	X		8/12	12:00	11		X	X	X	X	X	X	X	X	
7.	WC-A5-02-G	Soil		X	8/12	12:00	1	X									
8.	WC-A5-02-C	Soil	X		8/12	12:00	11		X	X	X	X	X	X	X	X	
9.	[redacted]																
10.	[redacted]																

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

	DATE/TIME		
RELINQUISHED BY SAMPLER 1. **Austin Farmerie**	8-12-25 1211	RECEIVED BY 1.	8-12-25 1211
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 8-12-25 1414	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 5.1°C ☐ Ice in Cooler?:

Comments:

Page of

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT **YELLOW** - ALLIANCE COPY **PINK** - SAMPLER COPY

Alliance TECHNICAL GROUP

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- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format

ANALYSIS

ASTM COD	ASTM Ammonia Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH (9045D)	Paint Filter		
10	11	12	13	14	15	16		

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9
								E	E	E	E	E	E	E		
1.	WC-A2-15-G	Soil		X	8/12	12:00	1									
2.	WC-A2-15-C	Soil	X		8/12	12:00	11	X	X	X	X	X	X	X		
3.	WC-A2-16-G	Soil		X	8/12	12:00	1									
4.	WC-A2-16-C	Soil	X		8/12	12:00	11	X	X	X	X	X	X	X		
5.	WC-A2-17-G	Soil		X	8/12	12:00	1									
6.	WC-A2-17-C	Soil	X		8/12	12:00	11	X	X	X	X	X	X	X		
7.	WC-A5-02-G	Soil		X	8/12	12:00	1									
8.	WC-A5-02-C	Soil	X		8/12	12:00	11	X	X	X	X	X	X	X		
9.	[redacted]	[redacted]	[redacted]													*
10.	[redacted]	[redacted]	[redacted]													

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. **Austin Farmerie**	8-12-25 1211	1. 8-12-25 1211
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	8-12-25 1414	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 5.1 C ☐ Ice in Cooler?:

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CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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	TX-C25-00189
Virginia	460312