

DATA REPORTING QUALIFIERS- ORGANIC

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

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

LAB CHRONICLE

OrderID:	Q3368	OrderDate:	10/16/2025 2:05:00 PM
Client:	Aramark Uniforms	Project:	Monthly 2025
Contact:	Tom Dikos	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3368-06	OUTSIDE-DUMPSTER	SOIL			10/16/25			10/16/25
			PCB	8082A		10/21/25	10/21/25	
			TCLP Herbicide	8151A		11/03/25	11/04/25	
			TCLP Pesticide	8081B		11/03/25	11/04/25	
Q3368-06RE	OUTSIDE-DUMPSTERR E	TCLP			10/16/25			10/16/25
			TCLP Pesticide	8081B		11/03/25	11/05/25	
Q3368-07	PRESS-SLUDGE	SOIL			10/16/25			10/16/25
			PCB	8082A		10/21/25	10/21/25	
			TCLP Herbicide	8151A		11/03/25	11/04/25	
			TCLP Pesticide	8081B		11/03/25	11/04/25	
Q3368-07RE	PRESS-SLUDGERE	TCLP			10/16/25			10/16/25
			TCLP Pesticide	8081B		11/03/25	11/05/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q3368

Order ID: Q3368

Client: Aramark Uniforms

Project ID: Monthly 2025

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

Client ID :

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: **Q3368**

Client: **Aramark Uniforms**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PD090935.D	PIBLK-PD090935.D	Decachlorobiphen	1	20	21.8	109		57	171
		Tetrachloro-m-xyl	1	20	19.3	96		61	148
		Decachlorobiphen	2	20	26.1	130		57	171
		Tetrachloro-m-xyl	2	20	21.2	106		61	148
Q3368-06	OUTSIDE-DUMPSTER	Decachlorobiphen	1	20	7.53	38	*	57	171
		Tetrachloro-m-xyl	1	20	9.18	46	*	61	148
		Decachlorobiphen	2	20	4.03	20	*	57	171
		Tetrachloro-m-xyl	2	20	11.0	55	*	61	148
Q3368-06MS	OUTSIDE-DUMPSTERMS	Decachlorobiphen	1	20	9.42	47	*	57	171
		Tetrachloro-m-xyl	1	20	12.8	64		61	148
		Decachlorobiphen	2	20	6.23	31	*	57	171
		Tetrachloro-m-xyl	2	20	14.7	73		61	148
Q3368-06MSD	OUTSIDE-DUMPSTERMSD	Decachlorobiphen	1	20	9.69	48	*	57	171
		Tetrachloro-m-xyl	1	20	13.3	67		61	148
		Decachlorobiphen	2	20	7.01	35	*	57	171
		Tetrachloro-m-xyl	2	20	15.1	76		61	148
Q3368-07	PRESS-SLUDGE	Decachlorobiphen	1	20	5.30	27	*	57	171
		Tetrachloro-m-xyl	1	20	3.01	15	*	61	148
		Decachlorobiphen	2	20	4.18	21	*	57	171
		Tetrachloro-m-xyl	2	20	7.46	37	*	61	148
I.BLK-PD090948.D	PIBLK-PD090948.D	Decachlorobiphen	1	20	17.7	89		57	171
		Tetrachloro-m-xyl	1	20	19.2	96		61	148
		Decachlorobiphen	2	20	12.9	65		57	171
		Tetrachloro-m-xyl	2	20	19.9	99		61	148
PB170387BS	PB170387BS	Decachlorobiphen	1	20	25.6	128		57	171
		Tetrachloro-m-xyl	1	20	26.4	132		61	148
		Decachlorobiphen	2	20	23.9	119		57	171
		Tetrachloro-m-xyl	2	20	28.0	140		61	148
PB170387BL	PB170387BL	Decachlorobiphen	1	20	18.9	95		57	171
		Tetrachloro-m-xyl	1	20	18.9	95		61	148
		Decachlorobiphen	2	20	17.1	86		57	171
		Tetrachloro-m-xyl	2	20	19.9	100		61	148
PB170172TB	PB170172TB	Decachlorobiphen	1	20	18.6	93		57	171
		Tetrachloro-m-xyl	1	20	19.3	97		61	148
		Decachlorobiphen	2	20	17.3	86		57	171
		Tetrachloro-m-xyl	2	20	19.8	99		61	148
I.BLK-PD090956.D	PIBLK-PD090956.D	Decachlorobiphen	1	20	19.2	96		57	171

Surrogate Summary

SDG No.: Q3368

Client: Aramark Uniforms

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090956.D	PIBLK-PD090956.D	Tetrachloro-m-xyl	1	20	19.6	98		61	148
		Decachlorobiphen	2	20	17.8	89		57	171
I.BLK-PD090959.D	PIBLK-PD090959.D	Tetrachloro-m-xyl	2	20	20.0	100		61	148
		Decachlorobiphen	1	20	19.7	98		57	171
		Tetrachloro-m-xyl	1	20	19.9	100		61	148
		Decachlorobiphen	2	20	20.1	101		57	171
		Tetrachloro-m-xyl	2	20	21.1	106		61	148
Q3368-06RE	OUTSIDE-DUMPSTERRE	Decachlorobiphen	1	20	8.73	44	*	57	171
		Tetrachloro-m-xyl	1	20	9.68	48	*	61	148
		Decachlorobiphen	2	20	8.26	41	*	57	171
		Tetrachloro-m-xyl	2	20	11.8	59	*	61	148
Q3368-07RE	PRESS-SLUDGERE	Decachlorobiphen	1	20	6.41	32	*	57	171
		Tetrachloro-m-xyl	1	20	3.03	15	*	61	148
		Decachlorobiphen	2	20	5.56	28	*	57	171
		Tetrachloro-m-xyl	2	20	7.85	39	*	61	148
I.BLK-PD090968.D	PIBLK-PD090968.D	Decachlorobiphen	1	20	19.3	96		57	171
		Tetrachloro-m-xyl	1	20	19.9	100		61	148
		Decachlorobiphen	2	20	19.0	95		57	171
		Tetrachloro-m-xyl	2	20	20.6	103		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3368</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Aramark Uniforms</u>	DataFile :	<u>PD090945.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Limits		
			Result	Result				RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3368-06MS	Client Sample ID:		OUTSIDE-DUMPSTER#								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	4.10	ug/L	82				60	152	
	Heptachlor	5	0	4.70	ug/L	94				56	147	
	Heptachlor epoxide	5	0	3.60	ug/L	72	*			77	143	
	Endrin	5	0	3.40	ug/L	68	*			76	144	
	Methoxychlor	5	0	3.60	ug/L	72				70	142	
Lab Sample ID:	Q3368-06MS	Client Sample ID:		OUTSIDE-DUMPSTER#								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	4.00	ug/L	80				60	152	
	Heptachlor	5	0	4.00	ug/L	80				56	147	
	Heptachlor epoxide	5	0	3.30	ug/L	66	*			77	143	
	Endrin	5	0	2.90	ug/L	58	*			76	144	
	Methoxychlor	5	0	2.60	ug/L	52				70	142	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3368</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Aramark Uniforms</u>	DataFile :	<u>PD090946.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Limits		
			Result	Result				RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3368-06MSD	Client Sample ID:		OUTSIDE-DUMPSTER#								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	4.30	ug/L	86				60	152	20
	Heptachlor	5	0	4.90	ug/L	98				56	147	20
	Heptachlor epoxide	5	0	3.80	ug/L	76	*			77	143	20
	Endrin	5	0	3.60	ug/L	72	*			76	144	20
	Methoxychlor	5	0	3.70	ug/L	74				70	142	20
Lab Sample ID:	Q3368-06MSD	Client Sample ID:		OUTSIDE-DUMPSTER#								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	4.10	ug/L	82				60	152	20
	Heptachlor	5	0	4.20	ug/L	84				56	147	20
	Heptachlor epoxide	5	0	3.50	ug/L	70	*			77	143	20
	Endrin	5	0	3.10	ug/L	62	*			76	144	20
	Methoxychlor	5	0	2.90	ug/L	58				70	142	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3368</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Aramark Uniforms</u>	Datafile :	<u>PD090953.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB170387BS (Column 1)	gamma-BHC (Lindane)	0.5	0.51	ug/L	101				82	129		
	Heptachlor	0.5	0.62	ug/L	124				79	127		
	Heptachlor epoxide	0.5	0.51	ug/L	102				81	124		
	Endrin	0.5	0.49	ug/L	98				81	128		
	Methoxychlor	0.5	0.50	ug/L	101				78	108		
PB170387BS (Column 2)	gamma-BHC (Lindane)	0.5	0.50	ug/L	100				82	129		
	Heptachlor	0.5	0.52	ug/L	104				79	127		
	Heptachlor epoxide	0.5	0.49	ug/L	98				81	124		
	Endrin	0.5	0.50	ug/L	99				81	128		
	Methoxychlor	0.5	0.48	ug/L	95				78	108		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170387BL

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Lab Sample ID: PB170387BL

Lab File ID: PD090954.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/03/2025

Date Analyzed (1): 11/04/2025

Date Analyzed (2): 11/04/2025

Time Analyzed (1): 16:03

Time Analyzed (2): 16:03

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
OUTSIDE-DUMPSTER	Q3368-06	PD090944.D	11/04/2025	11/04/2025
OUTSIDE-DUMPSTERMS	Q3368-06MS	PD090945.D	11/04/2025	11/04/2025
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	PD090946.D	11/04/2025	11/04/2025
PRESS-SLUDGE	Q3368-07	PD090947.D	11/04/2025	11/04/2025
PB170387BS	PB170387BS	PD090953.D	11/04/2025	11/04/2025
PB170172TB	PB170172TB	PD090955.D	11/04/2025	11/04/2025

COMMENTS: _____



SAMPLE DATA



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	
Project:	Monthly 2025		Date Received:	11/03/25
Client Sample ID:	PB170172TB		SDG No.:	Q3368
Lab Sample ID:	PB170172TB		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3541B	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	11/04/25 16:17	PB170387
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	11/04/25 16:17	PB170387
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	11/04/25 16:17	PB170387
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	11/04/25 16:17	PB170387
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	11/04/25 16:17	PB170387
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	11/04/25 16:17	PB170387
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	11/04/25 16:17	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.6			57 - 171	93%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.8			61 - 148	99%	SPK: 20		

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\PD110425\
Data File : PD090955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:17
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:34:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	60131305	589.6E6	19.309	19.802
28)	SA Decachlor...	9.065	8.060	86847893	523.6E6	18.565	17.287

Target Compounds

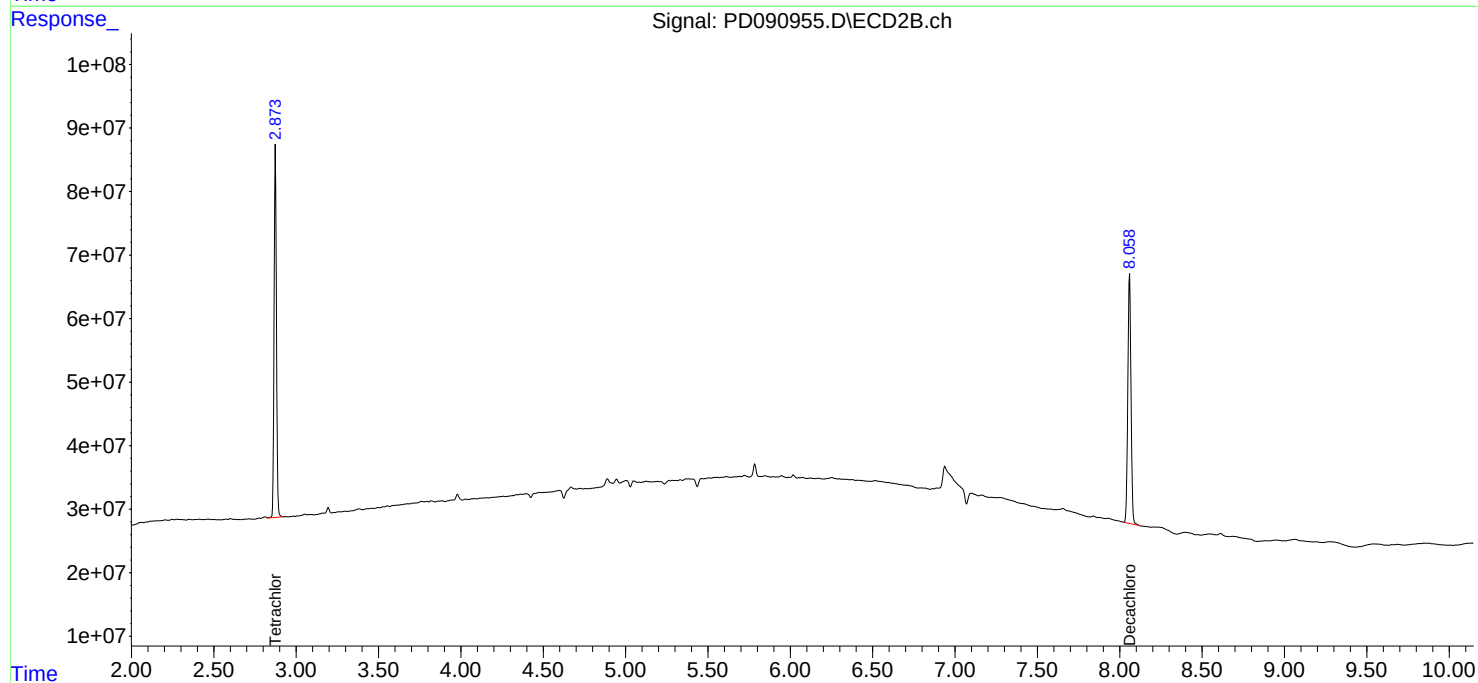
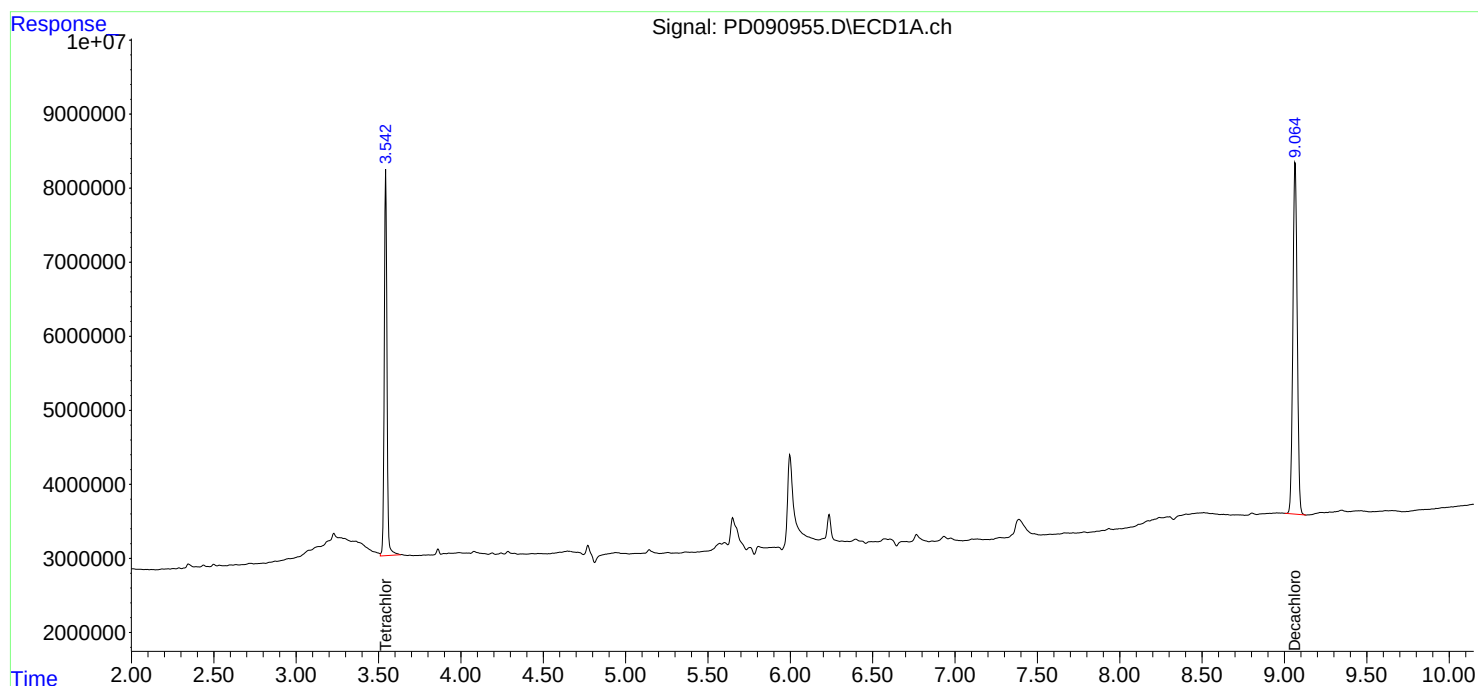
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

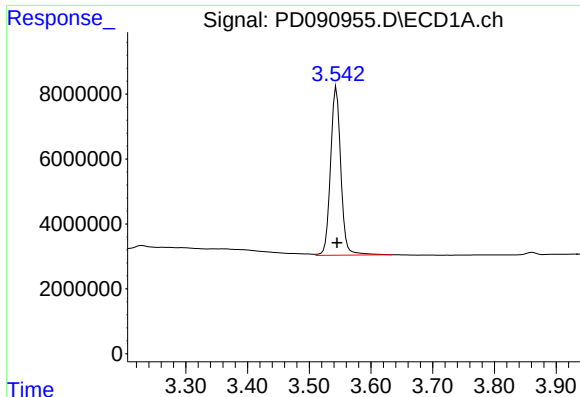
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:17
Operator : AR\AJ
Sample : PB170172TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170172TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:34:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

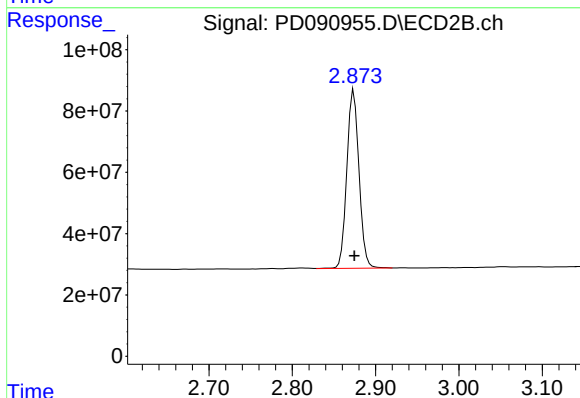




#1 Tetrachloro-m-xylene

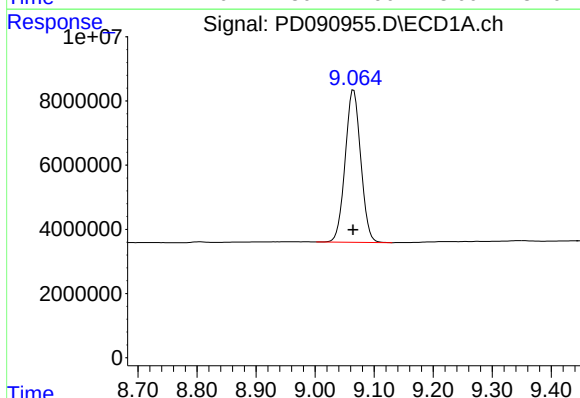
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 60131305
Conc: 19.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170172TB



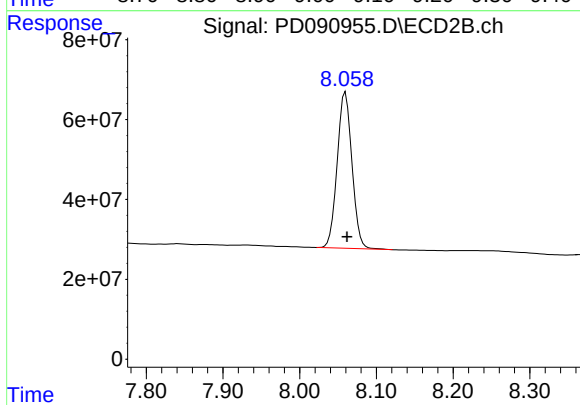
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 589637868
Conc: 19.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.000 min
Response: 86847893
Conc: 18.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 523643041
Conc: 17.29 ng/ml



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	10/16/25
Project:	Monthly 2025		Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTER		SDG No.:	Q3368
Lab Sample ID:	Q3368-06		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3541B	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	11/04/25 11:39	PB170387
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	11/04/25 11:39	PB170387
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	11/04/25 11:39	PB170387
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	11/04/25 11:39	PB170387
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	11/04/25 11:39	PB170387
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	11/04/25 11:39	PB170387
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	11/04/25 11:39	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	7.53	*		57 - 171	38%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	11.0	*		61 - 148	55%	SPK: 20		

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\PD110425\
 Data File : PD090944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 11:39
 Operator : AR\AJ
 Sample : Q3368-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OUTSIDE-DUMPSTER

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:30:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.543	2.873	28587449	327.0E6	9.180m	10.983m
2) SA Decachlor...	9.062	8.058	35240329	122.1E6	7.533m	4.030m#

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:39
Operator : AR\AJ
Sample : Q3368-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

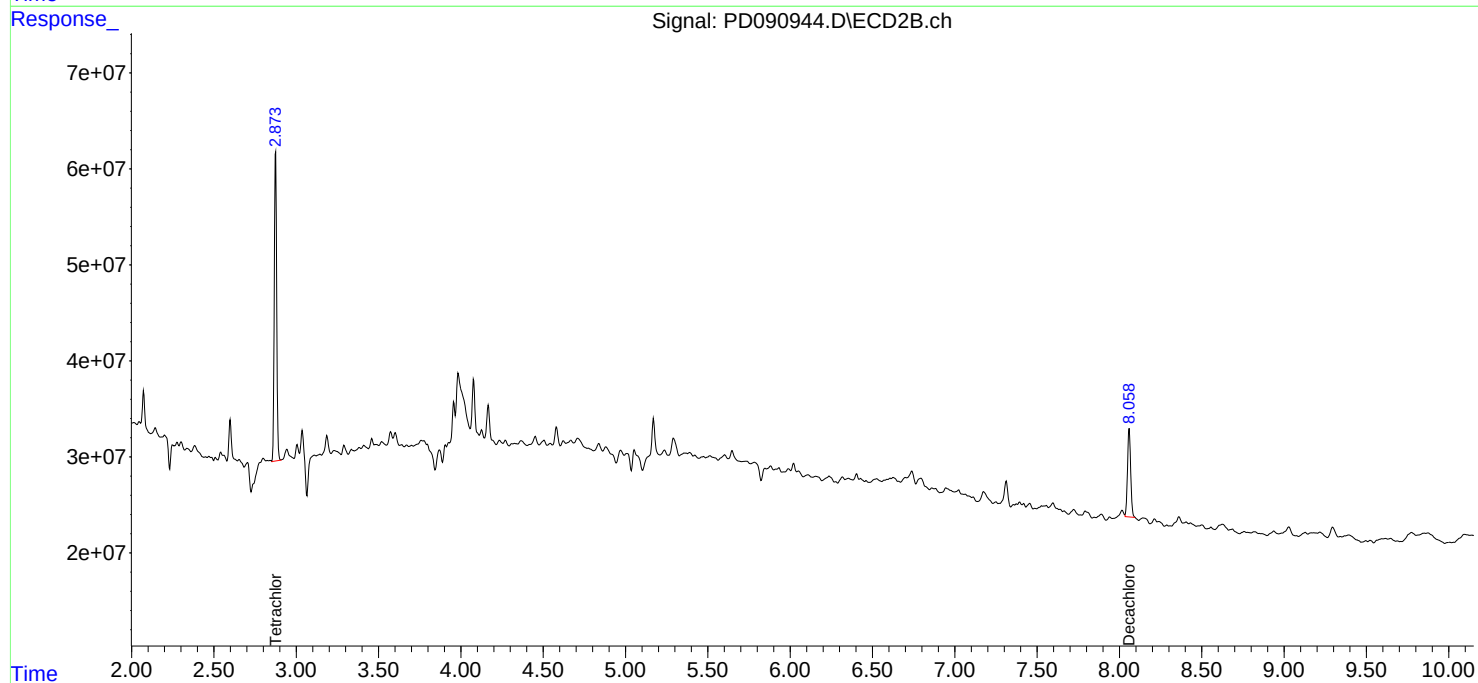
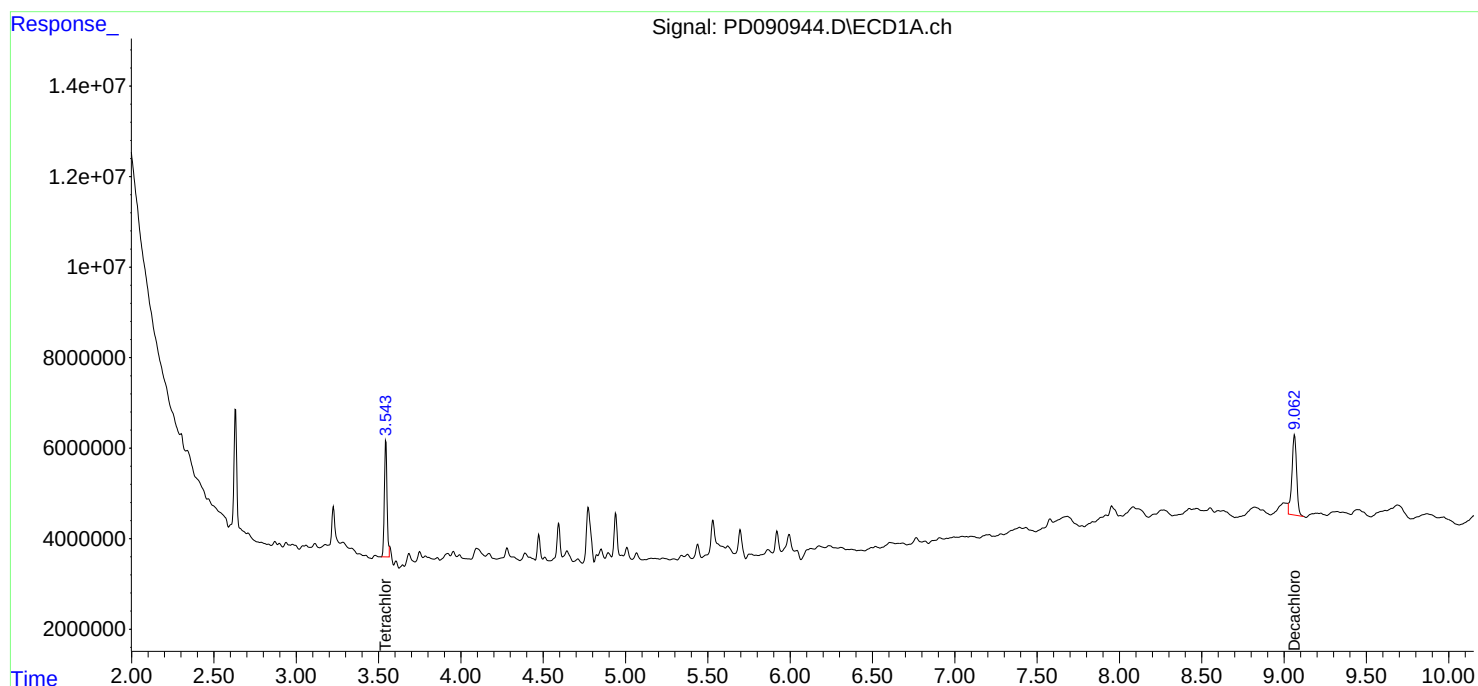
Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTER

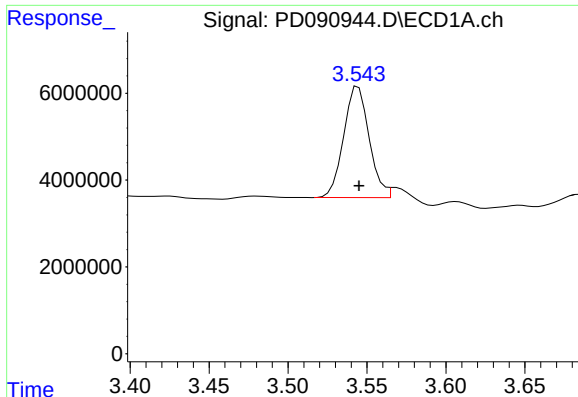
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:30:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





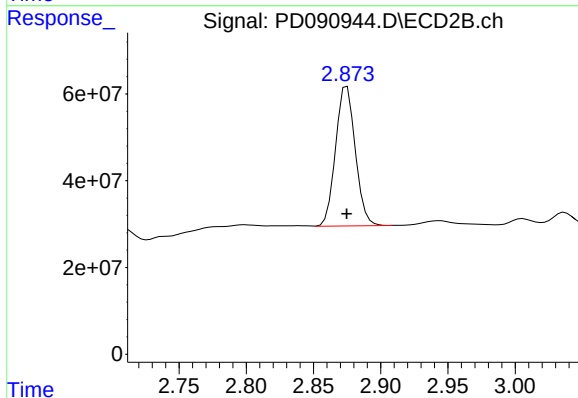
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 28587449
Conc: 9.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTER

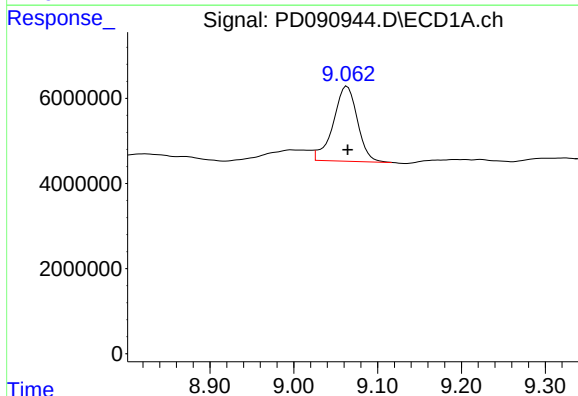
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



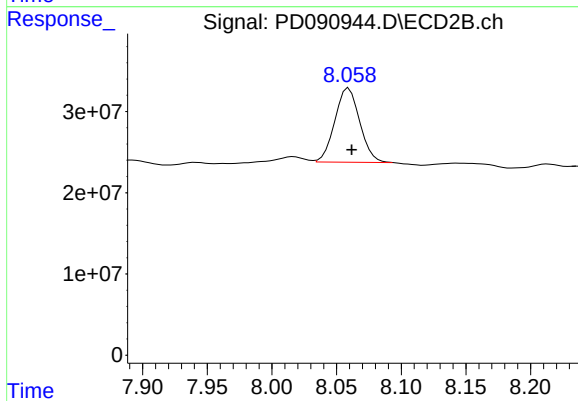
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 327049357
Conc: 10.98 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 35240329
Conc: 7.53 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 122077171
Conc: 4.03 ng/ml m



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	10/16/25
Project:	Monthly 2025		Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTERRE		SDG No.:	Q3368
Lab Sample ID:	Q3368-06RE		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3541B	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	11/05/25 10:39	PB170387
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	11/05/25 10:39	PB170387
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	11/05/25 10:39	PB170387
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	11/05/25 10:39	PB170387
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	11/05/25 10:39	PB170387
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	11/05/25 10:39	PB170387
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	11/05/25 10:39	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	8.73	*		57 - 171	44%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	11.8	*		61 - 148	59%	SPK: 20		

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\PD110525\
 Data File : PD090964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 10:39
 Operator : AR\AJ
 Sample : Q3368-06RE (Sig #1); Q3368-06 (Sig #2)
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OUTSIDE-DUMPSTERRE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:12:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.873	30146768	351.2E6	9.681m	11.795m
28)	SA Decachlor...	9.064	8.058	40837952	250.1E6	8.730	8.257m

Target Compounds

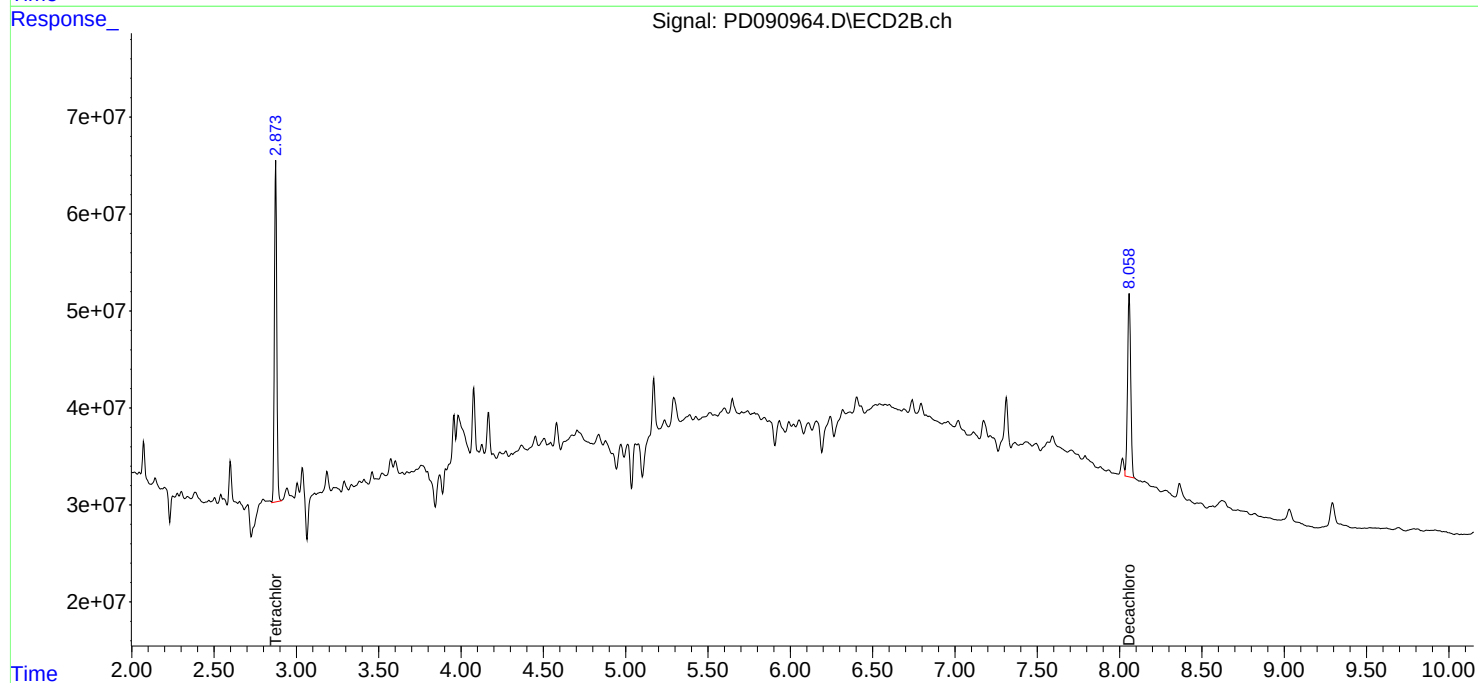
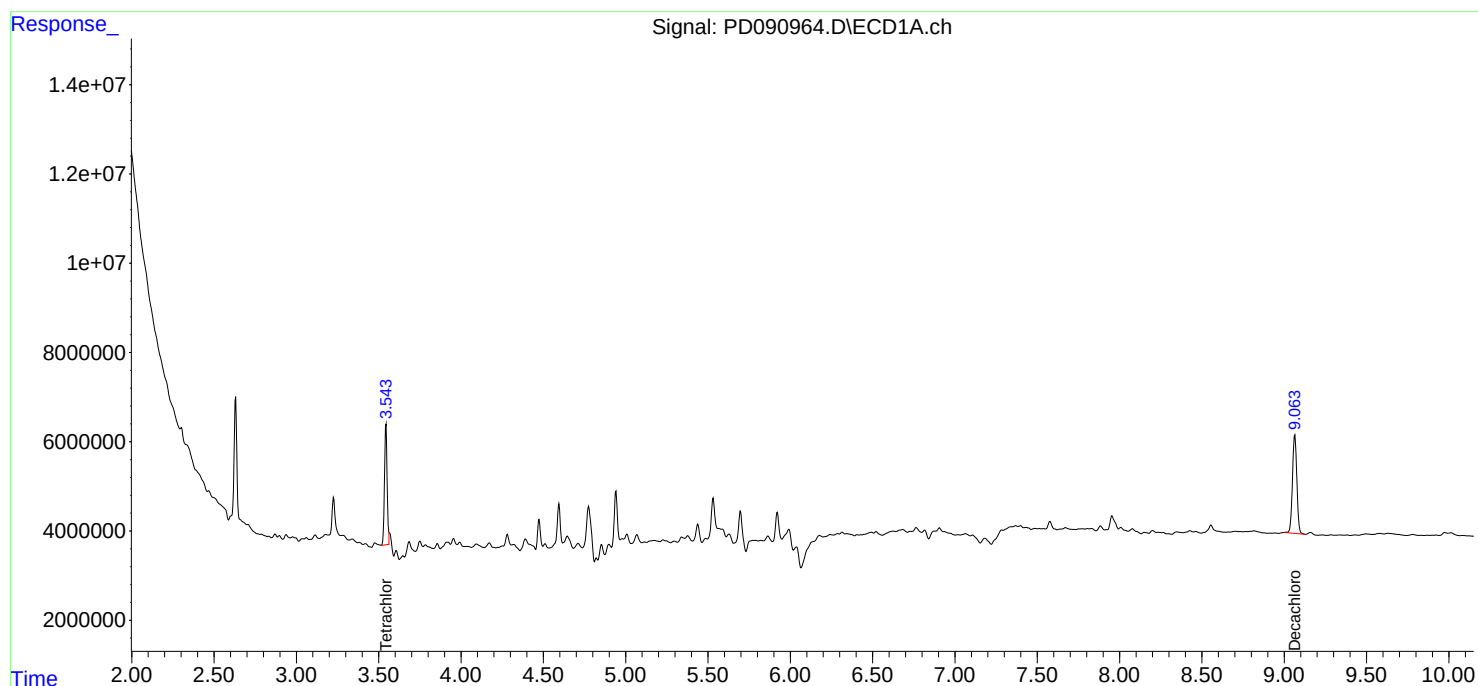
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

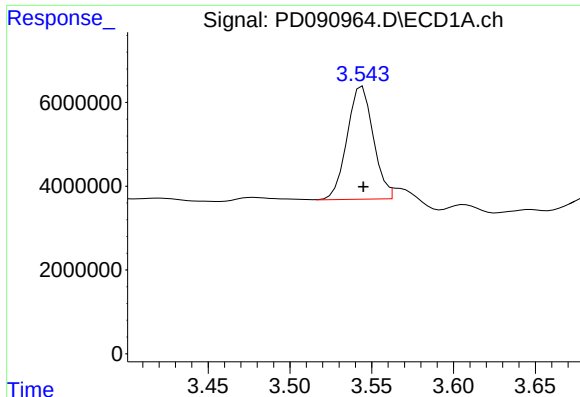
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 10:39
Operator : AR\AJ
Sample : Q3368-06RE (Sig #1); Q3368-06 (Sig #2)
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERRE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:12:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

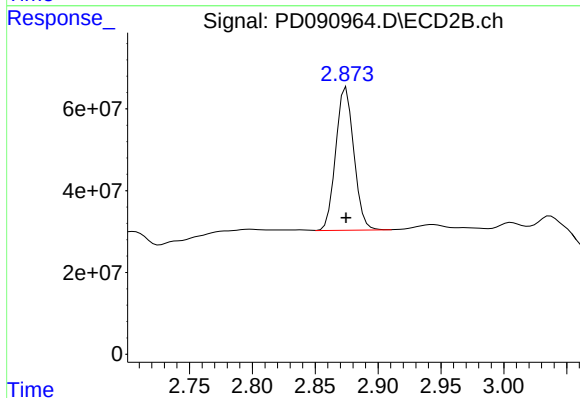




#1 Tetrachloro-m-xylene

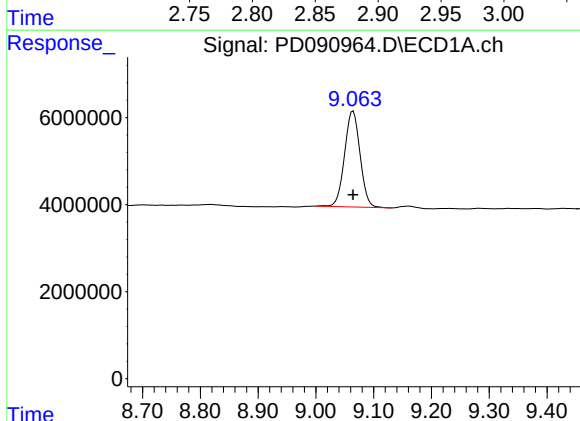
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 30146768
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERRE



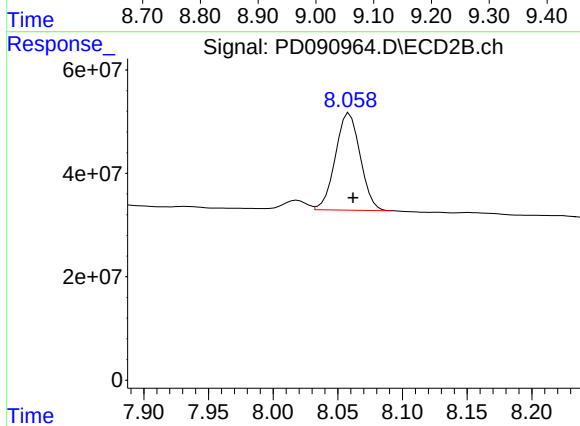
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 351219612
Conc: 11.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 40837952
Conc: 8.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 250130114
Conc: 8.26 ng/ml m



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	10/16/25
Project:	Monthly 2025		Date Received:	10/16/25
Client Sample ID:	PRESS-SLUDGE		SDG No.:	Q3368
Lab Sample ID:	Q3368-07		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3541B	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	11/04/25 12:22	PB170387
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	11/04/25 12:22	PB170387
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	11/04/25 12:22	PB170387
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	11/04/25 12:22	PB170387
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	11/04/25 12:22	PB170387
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	11/04/25 12:22	PB170387
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	11/04/25 12:22	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	5.30	*		57 - 171	27%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	7.46	*		61 - 148	37%	SPK: 20		

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\PD110425\
 Data File : PD090947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 12:22
 Operator : AR\AJ
 Sample : Q3368-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PRESS-SLUDGE

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:31:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.549	2.875	9365496	222.2E6	3.007	7.464 #
28) SA Decachlor...	9.065	8.059	24789359	126.6E6	5.299m	4.178m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:22
Operator : AR\AJ
Sample : Q3368-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

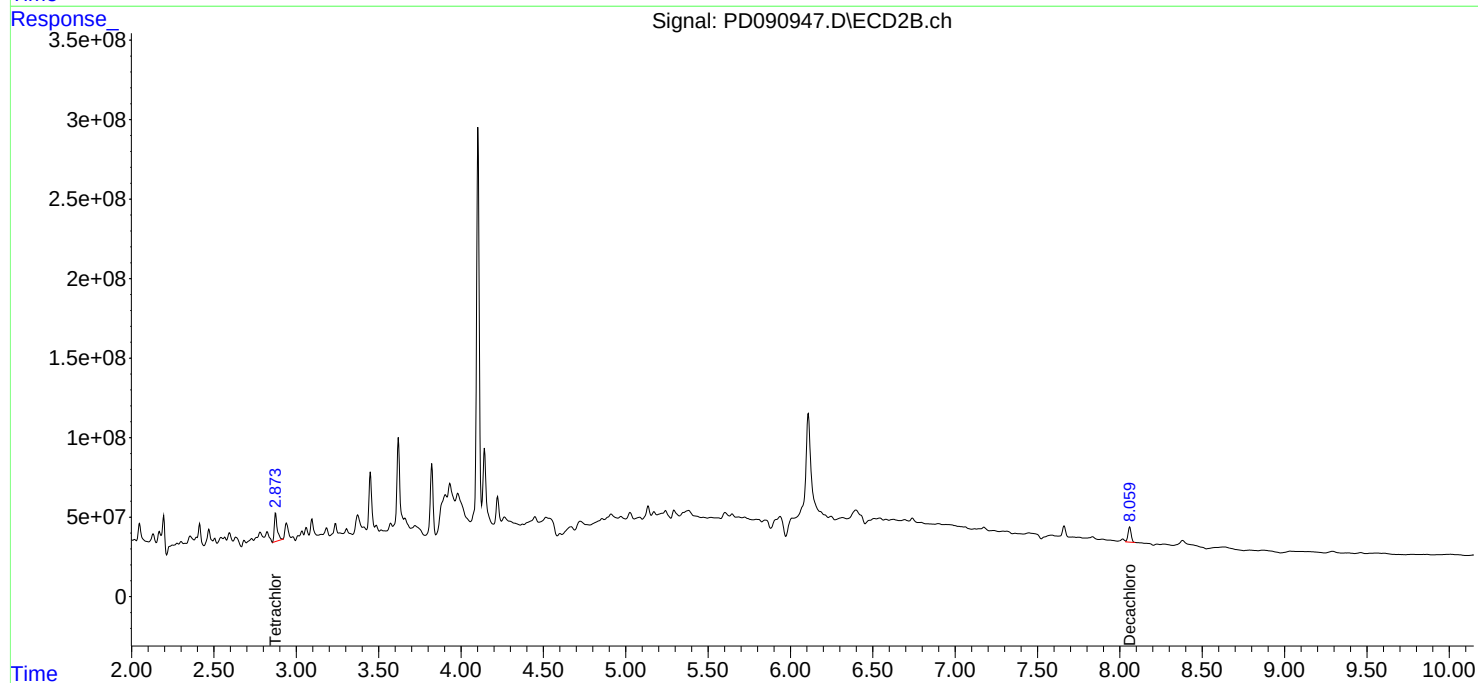
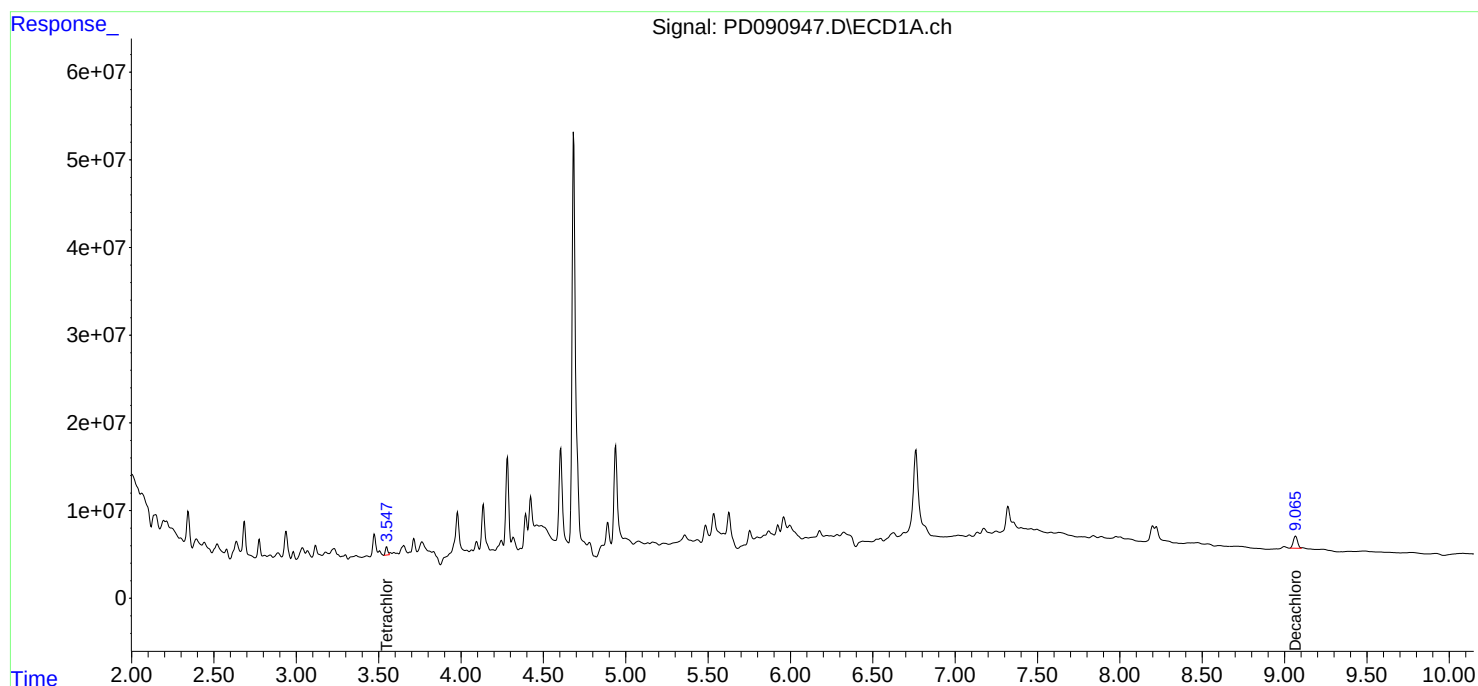
Instrument :
ECD_D
ClientSampleId :
PRESS-SLUDGE

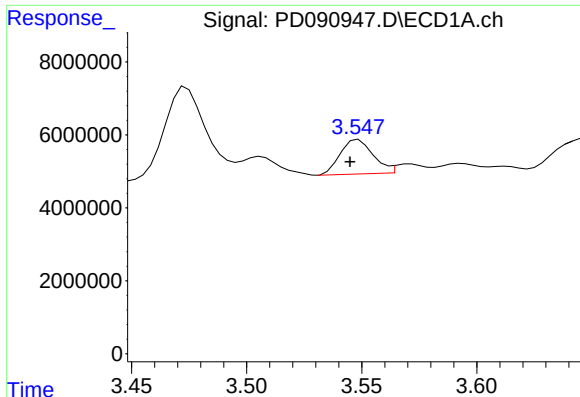
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:31:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





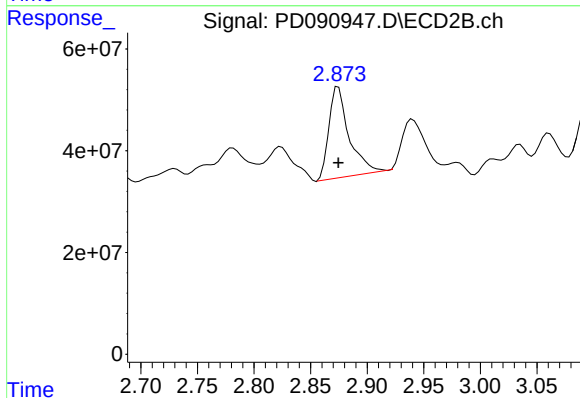
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.004 min
Response: 9365496
Conc: 3.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PRESS-SLUDGE

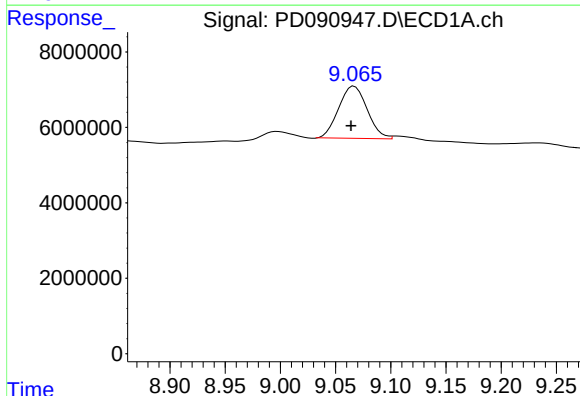
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025



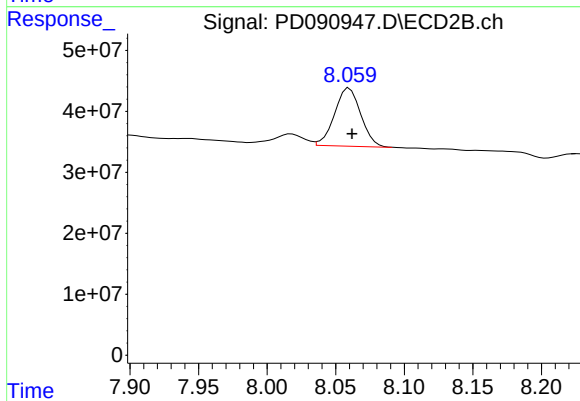
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 222249749
Conc: 7.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 24789359
Conc: 5.30 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 126554730
Conc: 4.18 ng/ml m



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	10/16/25
Project:	Monthly 2025		Date Received:	10/16/25
Client Sample ID:	PRESS-SLUDGERE		SDG No.:	Q3368
Lab Sample ID:	Q3368-07RE		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	SW3541B	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.037	U	1	0.037	0.50	ug/L	11/05/25 11:20	PB170387
76-44-8	Heptachlor	0.027	U	1	0.027	0.50	ug/L	11/05/25 11:20	PB170387
1024-57-3	Heptachlor epoxide	0.096	U	1	0.096	0.50	ug/L	11/05/25 11:20	PB170387
72-20-8	Endrin	0.032	U	1	0.032	0.50	ug/L	11/05/25 11:20	PB170387
72-43-5	Methoxychlor	0.11	U	1	0.11	0.50	ug/L	11/05/25 11:20	PB170387
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	11/05/25 11:20	PB170387
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	11/05/25 11:20	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	6.41	*		57 - 171	32%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	7.85	*		61 - 148	39%	SPK: 20		

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\PD110525\
 Data File : PD090967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 11:20
 Operator : AR\AJ
 Sample : Q3368-07RE (Sig #1); Q3368-07 (Sig #2)
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PRESS-SLUDGERE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:12:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.875	9425297	233.6E6	3.027	7.846 #
28) SA Decachlor...	9.064	8.058	30003435	168.4E6	6.414m	5.560m

Target Compounds

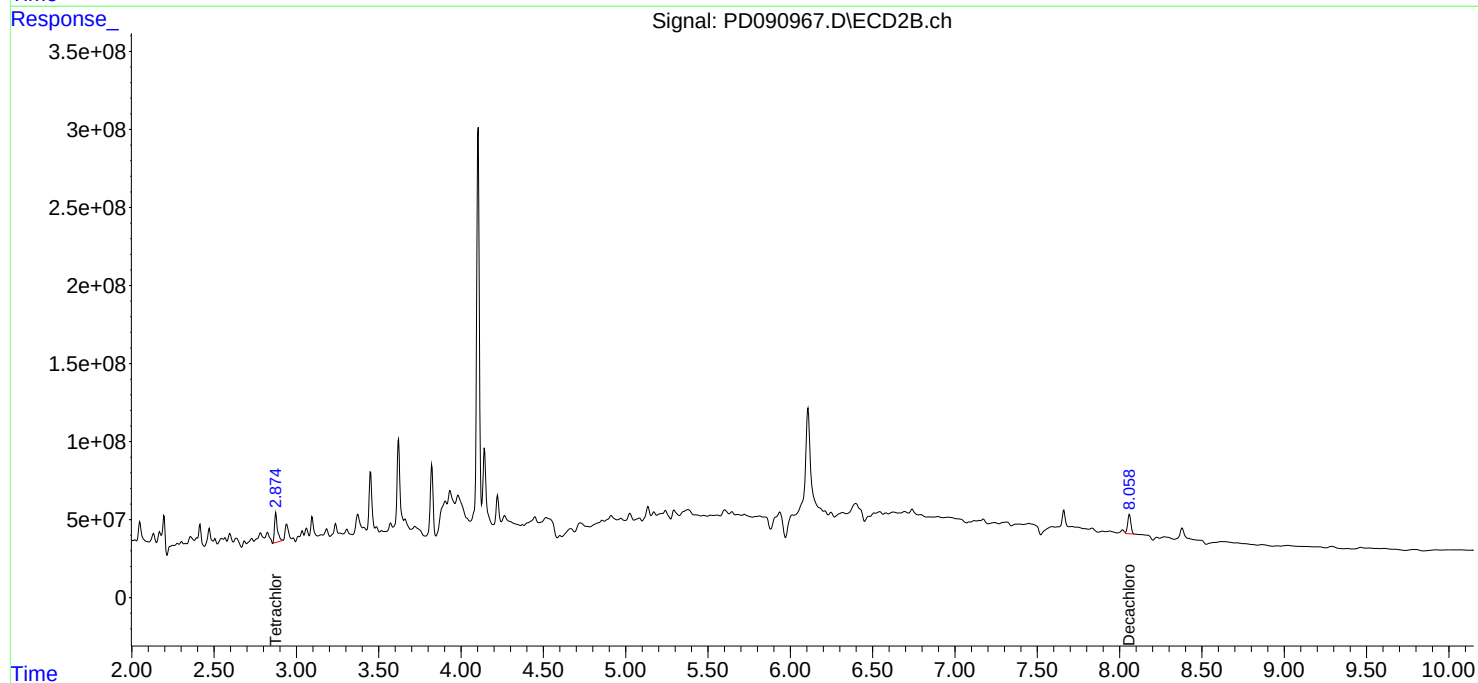
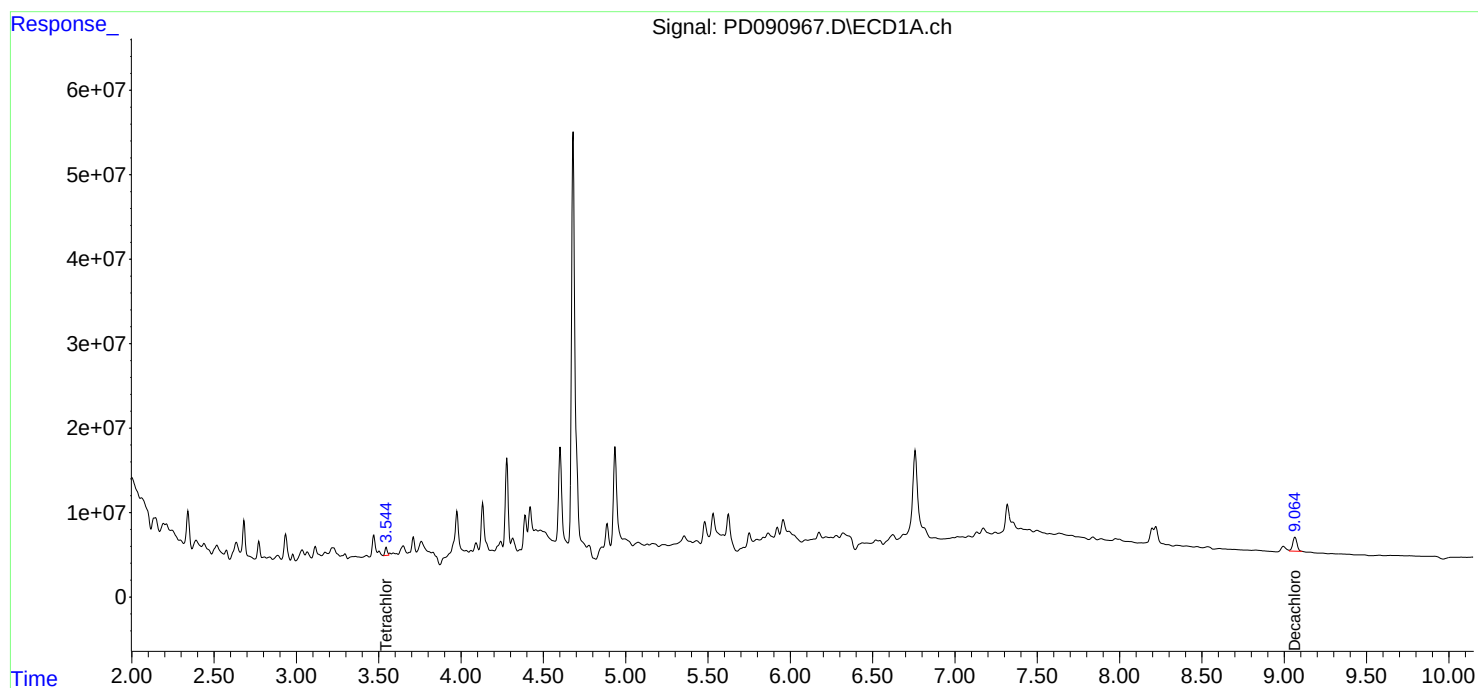
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

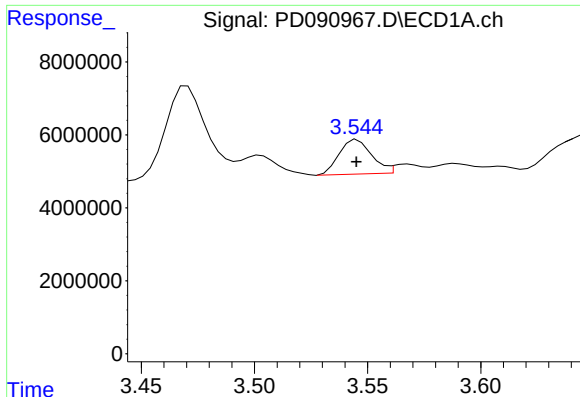
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:20
Operator : AR\AJ
Sample : Q3368-07RE (Sig #1); Q3368-07 (Sig #2)
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PRESS-SLUDGERE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

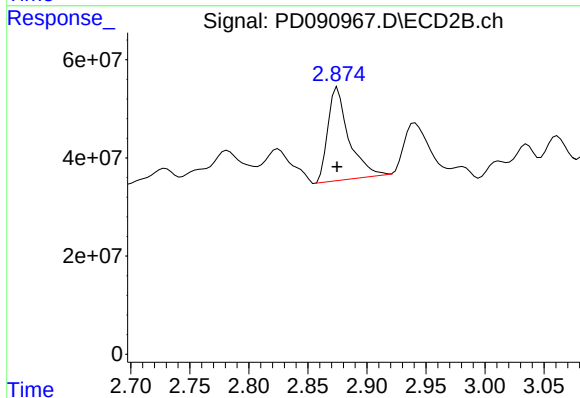




#1 Tetrachloro-m-xylene

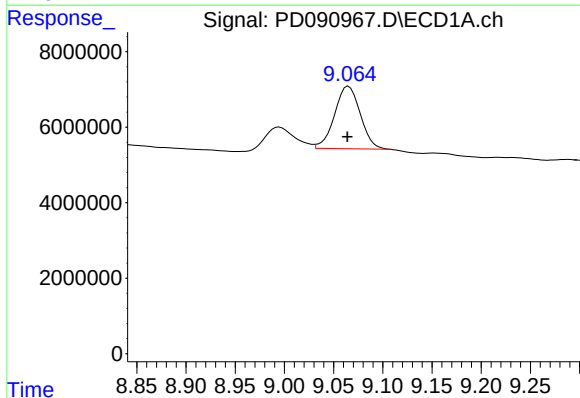
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 9425297
Conc: 3.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PRESS-SLUDGERE



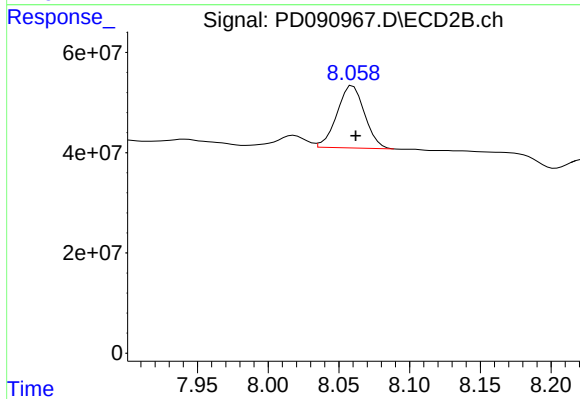
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 233617116
Conc: 7.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 30003435
Conc: 6.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 168420953
Conc: 5.56 ng/ml m



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ARAM01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3368</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	9.07	9.07	9.06	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)	4.32	4.33	4.33	4.32	4.32	4.32	4.22	4.42
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ARAM01</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3368</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

LAB FILE ID:	RT 100 = <u>PD090650.D</u>	RT 075 = <u>PD090651.D</u>
RT 050 = <u>PD090652.D</u>	RT 025 = <u>PD090653.D</u>	RT 005 = <u>PD090654.D</u>

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Instrument ID: ECD_D

Calibration Date(s): 10/17/2025 10/17/2025

Calibration Times: 11:34 12:28

GC Column: ZB-MR1

ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Instrument ID: ECD_D

Calibration Date(s): 10/17/2025 10/17/2025

Calibration Times: 11:34 12:28

GC Column: ZB-MR2

ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ARAM01

Lab Code: ACE SDG NO.: Q3368

Instrument ID: ECD_D Date(s) Analyzed: 10/17/2025 10/17/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.71	4.61	4.81	185217000
		2	5.24	5.14	5.34	185731000
		3	5.94	5.84	6.04	758191000
		4	6.03	5.93	6.13	917583000
		5	6.87	6.77	6.97	148478000
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ARAM01
Lab Code: ACE **SDG NO.:** Q3368
Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.90	3.80	4.00	1210370000
		2	4.48	4.38	4.58	1263780000
		3	5.12	5.02	5.22	3771830000
		4	5.18	5.08	5.28	3251870000
		5	6.08	5.98	6.18	1460510000
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:34
 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: Oct 17 13:33:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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...	3.544	2.874	301.1E6	2790.3E6	99.682	98.737
2)	SA Decachlor...	9.066	8.061	436.1E6	2885.7E6	98.364	99.224
Target Compounds							
2)	A alpha-BHC	3.994	3.386	775.3E6	4911.8E6	103.334	99.427
3)	MA gamma-BHC...	4.324	3.722	718.6E6	4496.5E6	102.762	98.892
4)	MA Heptachlor	4.922	4.075	575.8E6	4127.2E6	101.879	97.673
5)	MB Aldrin	5.264	4.360	669.4E6	4308.4E6	101.342	97.787
6)	B beta-BHC	4.511	4.019	251.5E6	1829.7E6	99.502	97.902
7)	B delta-BHC	4.760	4.255	716.9E6	4532.5E6	102.853	98.756
8)	B Heptachlo...	5.685	4.864	579.6E6	3820.3E6	100.668	96.869
9)	A Endosulfan I	6.068	5.238	545.2E6	3572.9E6	100.030	96.676
10)	B gamma-Chl...	5.940	5.117	597.2E6	4192.1E6	100.988	97.867
11)	B alpha-Chl...	6.020	5.181	596.6E6	4000.4E6	100.230	97.693
12)	B 4,4'-DDE	6.190	5.366	543.6E6	4050.1E6	101.097	97.534
13)	MA Dieldrin	6.341	5.504	593.0E6	4060.1E6	100.951	97.019
14)	MA Endrin	6.568	5.780	503.6E6	3690.2E6	100.979	96.725
15)	B Endosulfa...	6.781	6.072	487.3E6	3427.0E6	99.879	96.941
16)	A 4,4'-DDD	6.700	5.920	415.1E6	3370.9E6	101.164	97.326
17)	MA 4,4'-DDT	7.016	6.174	425.7E6	3388.8E6	101.658	98.574
18)	B Endrin al...	6.910	6.250	350.6E6	2511.1E6	99.070	96.573
19)	B Endosulfa...	7.145	6.474	455.7E6	3296.3E6	100.010	97.059
20)	A Methoxychlor	7.489	6.745	205.0E6	1611.7E6	99.308	96.752
21)	B Endrin ke...	7.625	6.982	482.0E6	3446.0E6	100.390	97.056
22)	Mirex	8.107	7.175	295.5E6	2331.6E6	97.723	97.238

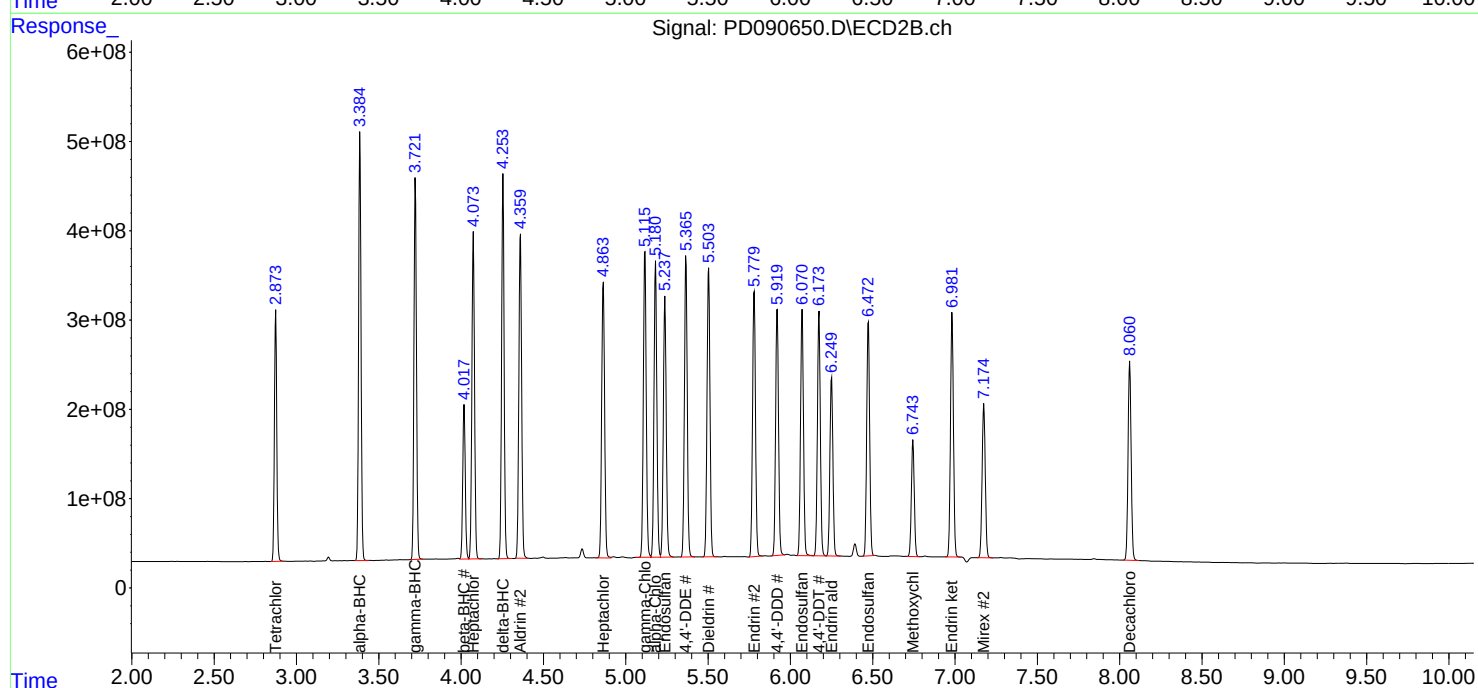
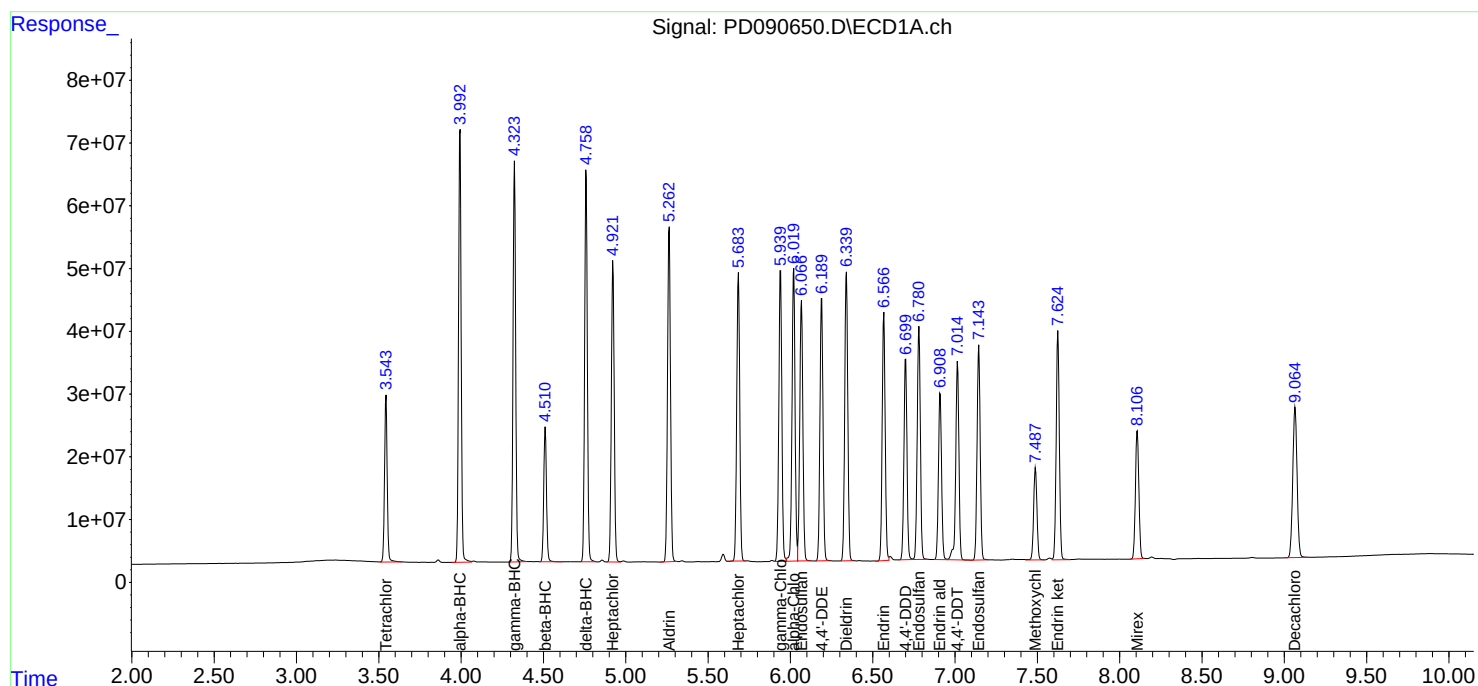
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:34
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: Oct 17 13:33:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:48
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:35:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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...	3.545	2.875	221.3E6	2076.7E6	73.844	73.982
28)	SA Decachlor...	9.065	8.062	323.6E6	2118.5E6	73.652	73.550
Target Compounds							
2)	A alpha-BHC	3.994	3.387	555.2E6	3629.4E6	74.331	73.972
3)	MA gamma-BHC...	4.325	3.723	517.9E6	3345.4E6	74.376	74.044
4)	MA Heptachlor	4.923	4.076	419.8E6	3135.8E6	74.519	74.471
5)	MB Aldrin	5.265	4.361	492.2E6	3268.1E6	74.671	74.449
6)	B beta-BHC	4.512	4.019	186.7E6	1377.4E6	74.235	74.130
7)	B delta-BHC	4.760	4.255	517.9E6	3391.5E6	74.535	74.261
8)	B Heptachlo...	5.685	4.865	428.1E6	2916.9E6	74.574	74.304
9)	A Endosulfan I	6.068	5.239	405.3E6	2744.0E6	74.575	74.497
10)	B gamma-Chl...	5.940	5.117	442.1E6	3181.7E6	74.831	74.517
11)	B alpha-Chl...	6.021	5.182	442.9E6	3041.3E6	74.605	74.512
12)	B 4,4'-DDE	6.191	5.366	402.8E6	3089.3E6	74.945	74.597
13)	MA Dieldrin	6.341	5.504	438.1E6	3106.9E6	74.726	74.493
14)	MA Endrin	6.568	5.781	372.2E6	2837.1E6	74.757	74.574
15)	B Endosulfa...	6.781	6.072	362.7E6	2622.6E6	74.556	74.457
16)	A 4,4'-DDD	6.700	5.921	305.6E6	2573.2E6	74.659	74.529
17)	MA 4,4'-DDT	7.016	6.175	311.4E6	2548.7E6	74.584	74.422
18)	B Endrin al...	6.910	6.251	263.1E6	1930.5E6	74.563	74.493
19)	B Endosulfa...	7.145	6.474	337.9E6	2515.4E6	74.430	74.374
20)	A Methoxychlor	7.488	6.745	151.2E6	1223.7E6	73.804	73.968
21)	B Endrin ke...	7.625	6.983	355.2E6	2626.5E6	74.325	74.314
22)	Mirex	8.108	7.176	222.5E6	1780.4E6	74.051	74.497

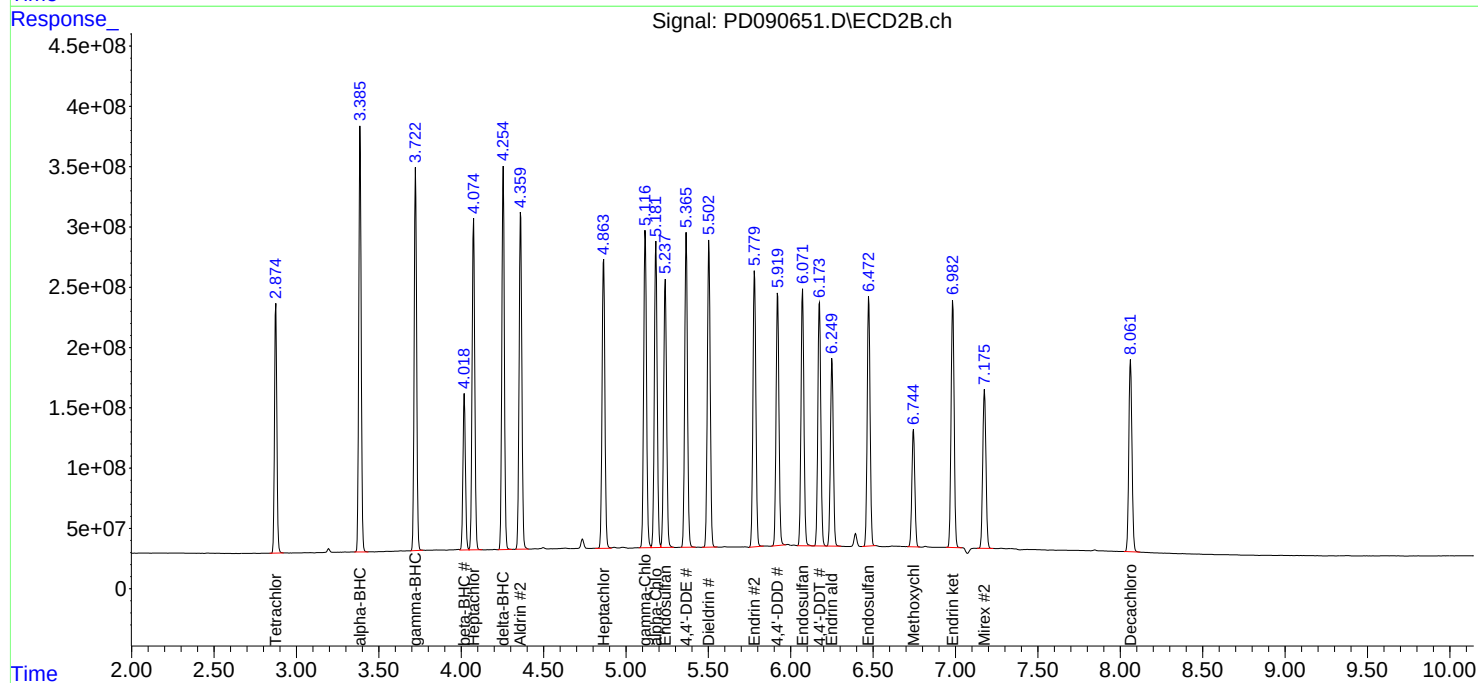
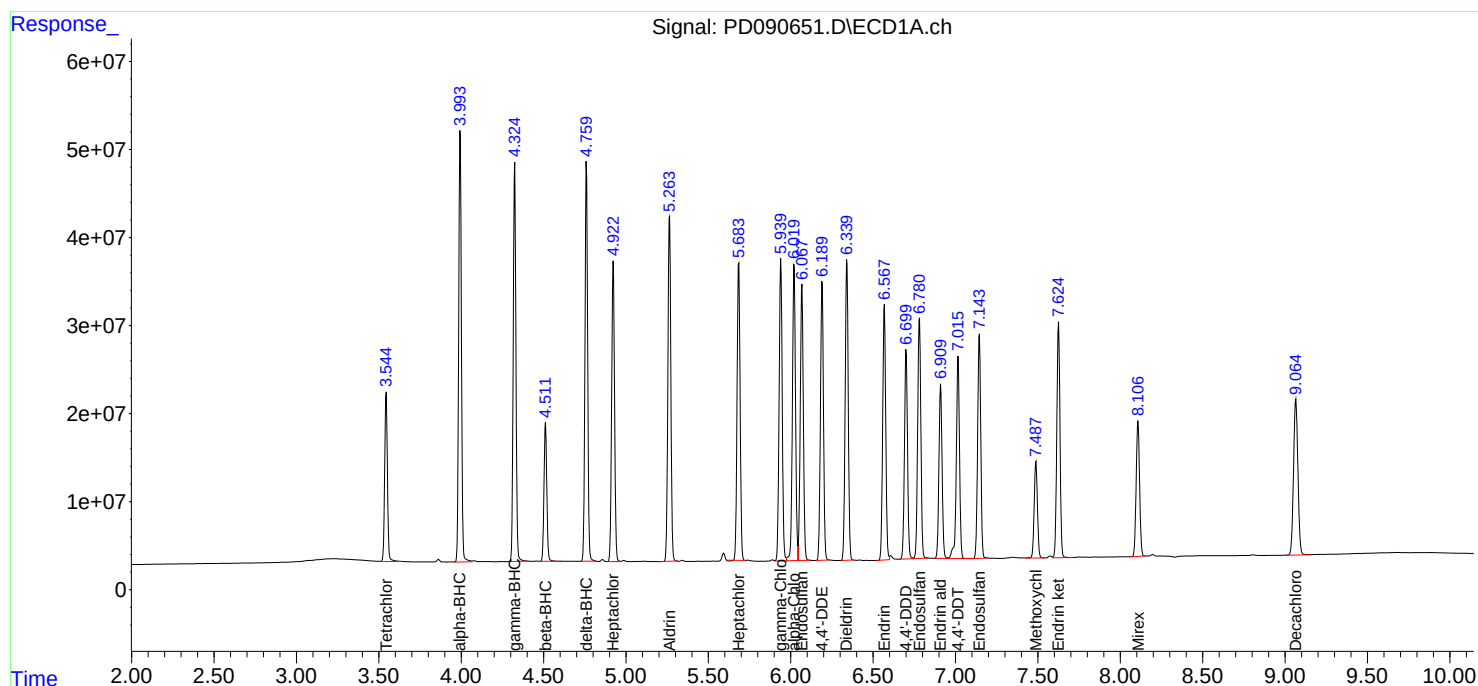
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:48
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:35:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:01
 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: Oct 17 13:30:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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...	3.545	2.875	151.5E6	1430.9E6	50.000	50.000
28)	SA Decachlor...	9.064	8.062	225.3E6	1465.4E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.994	3.387	362.6E6	2484.2E6	50.000	50.000
3)	MA gamma-BHC...	4.325	3.723	340.0E6	2298.6E6	50.000	50.000
4)	MA Heptachlor	4.923	4.075	277.3E6	2162.0E6	50.000	50.000
5)	MB Aldrin	5.264	4.361	325.8E6	2251.7E6	50.000	50.000
6)	B beta-BHC	4.512	4.019	127.0E6	954.0E6	50.000	50.000
7)	B delta-BHC	4.760	4.255	338.6E6	2323.3E6	50.000	50.000
8)	B Heptachlo...	5.684	4.864	285.9E6	2033.6E6	50.000	50.000
9)	A Endosulfan I	6.068	5.238	272.5E6	1909.3E6	50.000	50.000
10)	B gamma-Chl...	5.940	5.117	292.8E6	2187.4E6	50.000	50.000
11)	B alpha-Chl...	6.021	5.181	296.9E6	2094.7E6	50.000	50.000
12)	B 4,4'-DDE	6.190	5.366	265.9E6	2127.4E6	50.000	50.000
13)	MA Dieldrin	6.340	5.504	290.9E6	2154.8E6	50.000	50.000
14)	MA Endrin	6.568	5.781	246.9E6	1970.0E6	50.000	50.000
15)	B Endosulfa...	6.781	6.072	244.3E6	1821.6E6	50.000	50.000
16)	A 4,4'-DDD	6.700	5.921	202.8E6	1778.0E6	50.000	50.000
17)	MA 4,4'-DDT	7.015	6.174	205.9E6	1743.4E6	50.000	50.000
18)	B Endrin al...	6.910	6.250	178.6E6	1344.7E6	50.000	50.000
19)	B Endosulfa...	7.145	6.474	227.8E6	1748.0E6	50.000	50.000
20)	A Methoxychlor	7.488	6.745	103.9E6	859.9E6	50.000	50.000
21)	B Endrin ke...	7.625	6.983	239.1E6	1827.5E6	50.000	50.000
22)	Mirex	8.107	7.175	154.6E6	1232.0E6	50.000	50.000

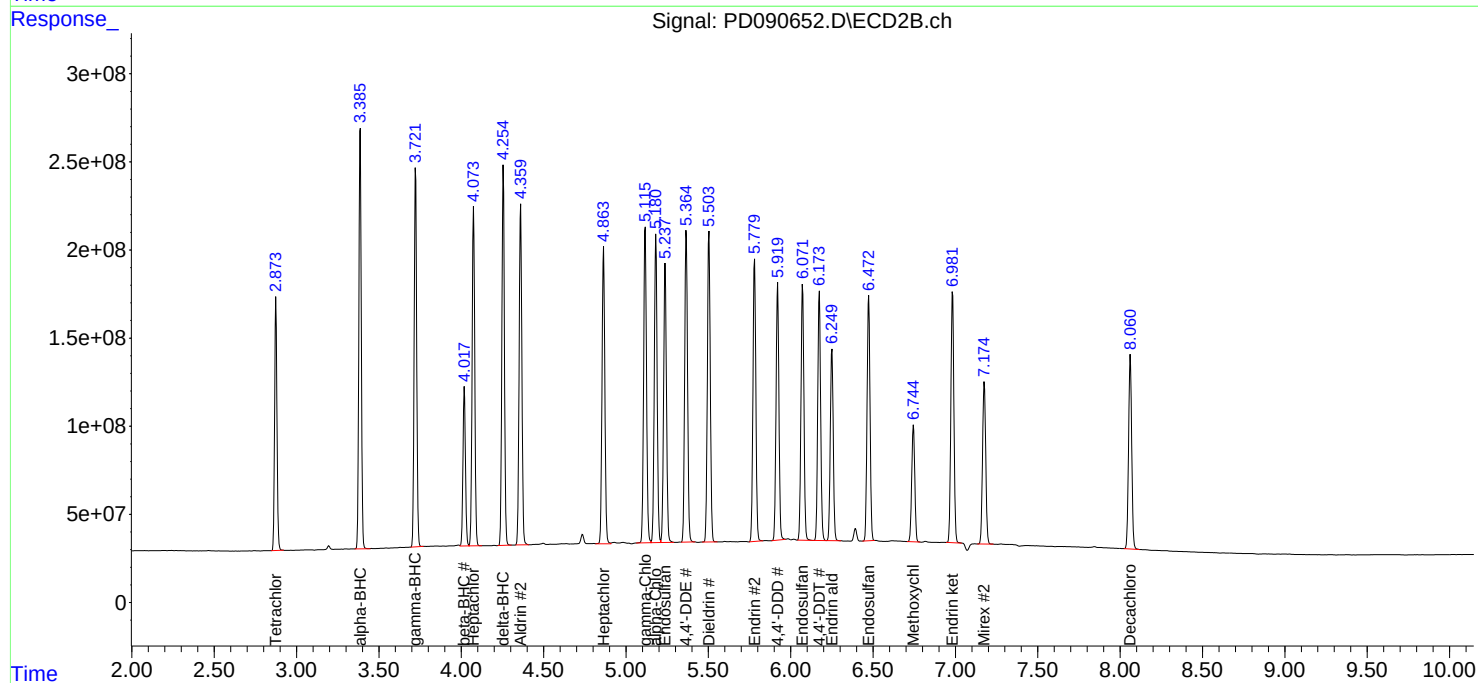
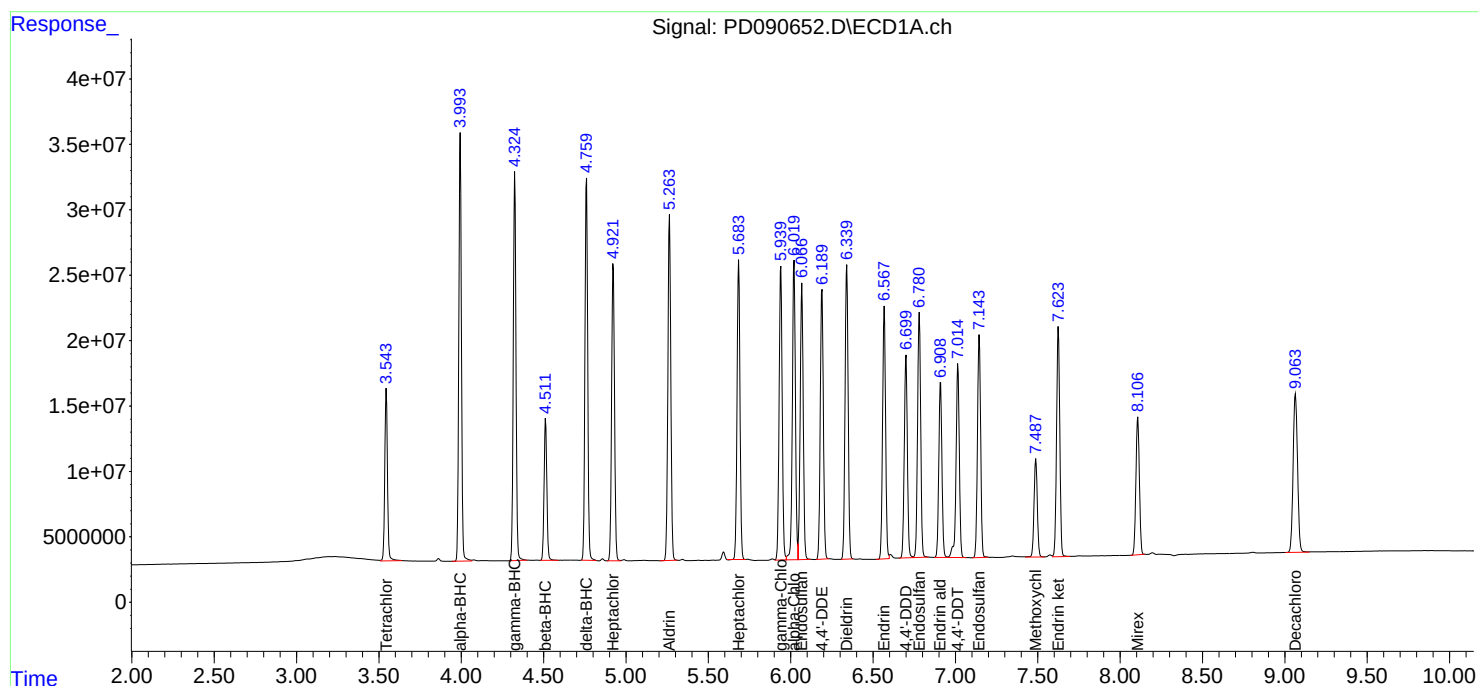
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:01
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: Oct 17 13:30:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:15
 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: Oct 17 13:38:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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...	3.544	2.874	78107465	743.2E6	25.786	26.090
28)	SA Decachlor...	9.065	8.061	117.7E6	751.4E6	26.311	25.807
Target Compounds							
2)	A alpha-BHC	3.993	3.386	168.6E6	1262.5E6	23.132	25.545
3)	MA gamma-BHC...	4.324	3.722	160.4E6	1170.2E6	23.501	25.669
4)	MA Heptachlor	4.922	4.074	132.2E6	1112.6E6	23.835	26.052
5)	MB Aldrin	5.263	4.360	156.0E6	1154.3E6	23.982	25.959
6)	B beta-BHC	4.511	4.018	64015475	495.1E6	25.339	26.214
7)	B delta-BHC	4.759	4.255	158.6E6	1178.9E6	23.327	25.605
8)	B Heptachlo...	5.684	4.864	139.6E6	1059.4E6	24.488	26.460
9)	A Endosulfan I	6.067	5.238	133.7E6	987.0E6	24.700	26.323
10)	B gamma-Chl...	5.939	5.116	139.8E6	1108.7E6	23.988	25.717
11)	B alpha-Chl...	6.020	5.181	154.3E6	1067.7E6	25.731	25.860
12)	B 4,4'-DDE	6.190	5.365	126.3E6	1089.4E6	23.861	25.967
13)	MA Dieldrin	6.340	5.503	138.8E6	1105.1E6	23.985	26.105
14)	MA Endrin	6.567	5.780	117.8E6	1017.3E6	23.978	26.284
15)	B Endosulfa...	6.781	6.071	119.7E6	938.0E6	24.710	26.203
16)	A 4,4'-DDD	6.700	5.920	96019034	905.9E6	23.822	25.918
17)	MA 4,4'-DDT	7.016	6.173	98197092	874.0E6	23.870	25.388
18)	B Endrin al...	6.909	6.250	89492653	694.2E6	25.271	26.317
19)	B Endosulfa...	7.144	6.473	112.0E6	896.5E6	24.754	26.114
20)	A Methoxychlor	7.488	6.744	52364279	443.4E6	25.424	26.326
21)	B Endrin ke...	7.625	6.982	117.4E6	945.4E6	24.668	26.289
22)	Mirex	8.108	7.175	79715192	640.8E6	26.131	26.336

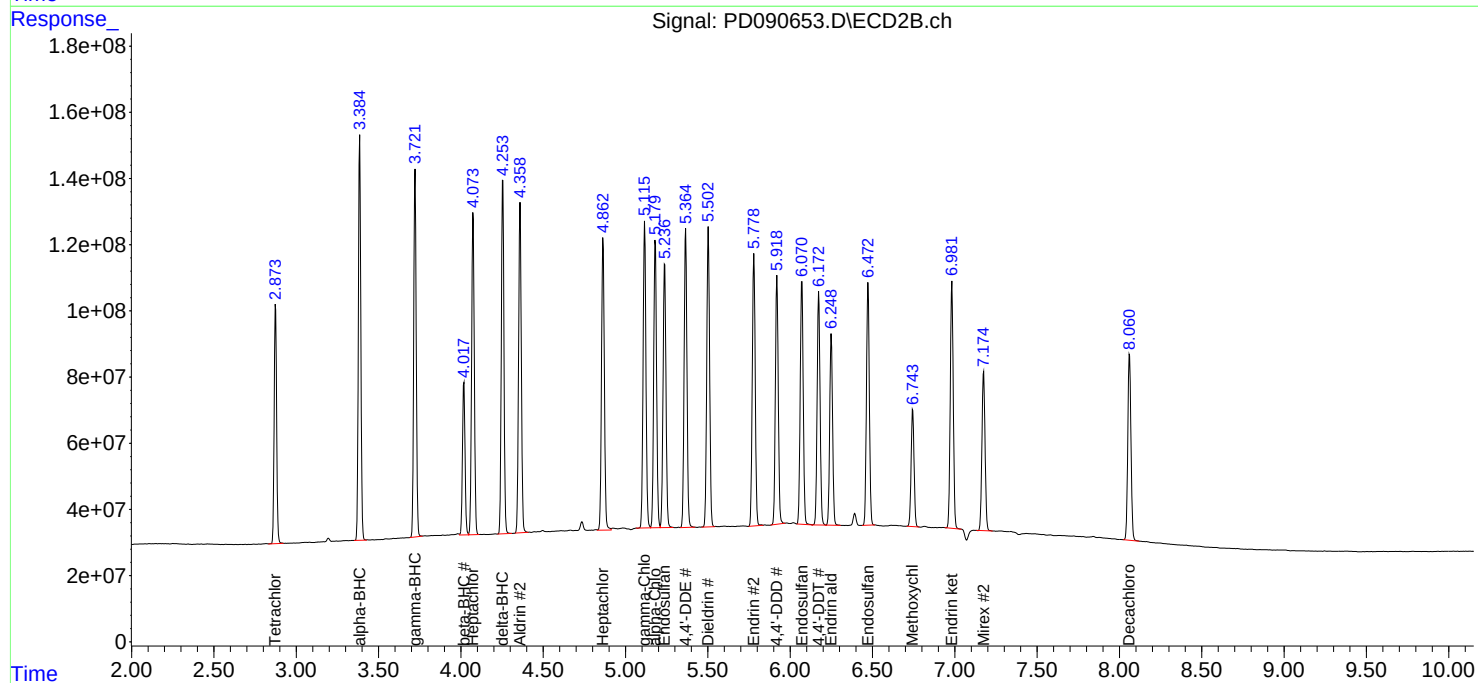
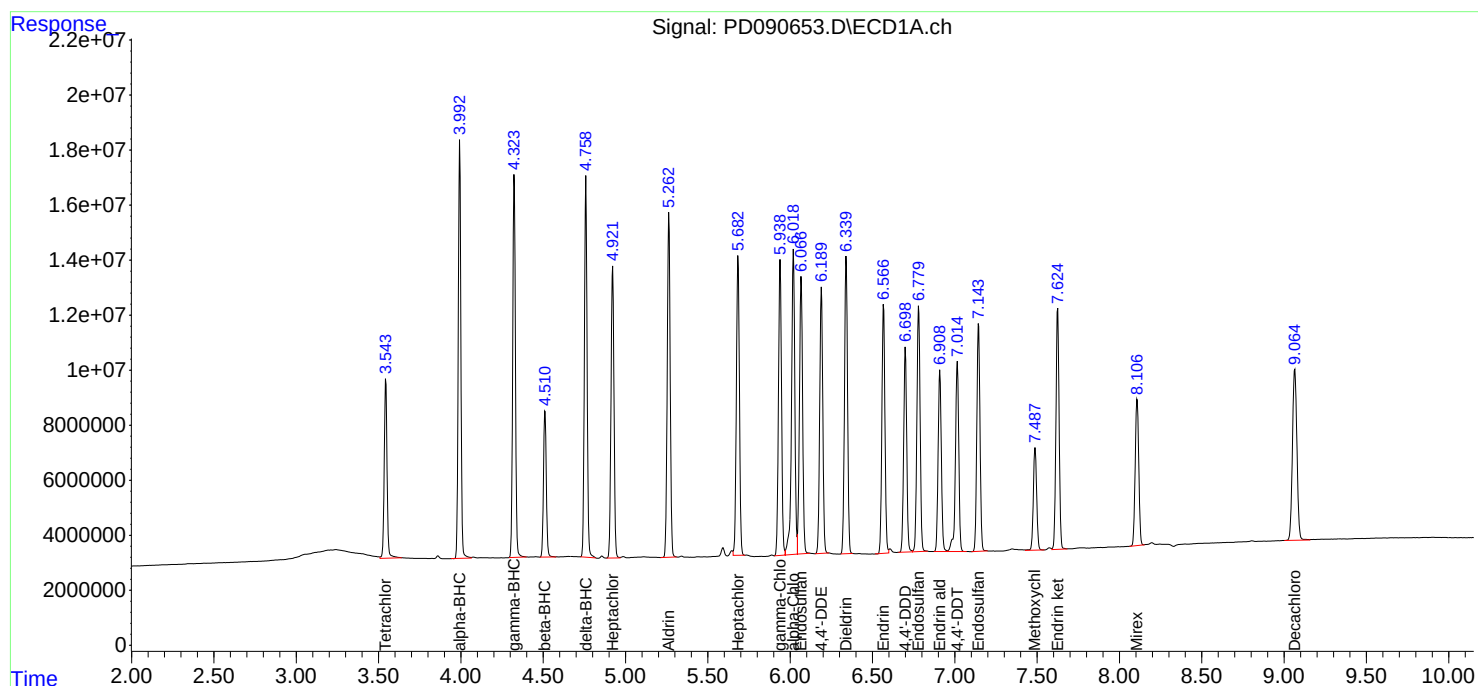
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:15
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: Oct 17 13:38:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:28
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:41:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 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...	3.543	2.874	17271955	174.7E6	5.550m	5.868
28) SA Decachlor...	9.066	8.062	27500355	174.9E6	5.879	5.775
Target Compounds						
2) A alpha-BHC	3.993	3.386	33677596	288.9E6	4.692	5.655
3) MA gamma-BHC...	4.324	3.723	33423739	269.5E6	4.916	5.703
4) MA Heptachlor	4.922	4.075	28789856	260.9E6	5.151	5.850
5) MB Aldrin	5.264	4.360	33624118	268.6E6	5.136	5.800
6) B beta-BHC	4.512	4.019	14963256	118.0E6	5.712	5.951
7) B delta-BHC	4.760	4.255	33098385	272.1E6	4.895	5.702
8) B Heptachlo...	5.684	4.864	30689599	265.3E6	5.301	6.280
9) A Endosulfan I	6.067	5.238	30143871	234.9E6	5.444	5.962
10) B gamma-Chl...	5.940	5.117	31705442	261.5E6	5.346	5.818
11) B alpha-Chl...	6.019	5.181	34603140	252.7E6	5.576m	5.857
12) B 4,4'-DDE	6.190	5.366	27280775	256.9E6	5.122	5.859
13) MA Dieldrin	6.341	5.504	30082015	258.0E6	5.159	5.839
14) MA Endrin	6.568	5.781	25601278	238.2E6	5.168	5.883
15) B Endosulfa...	6.781	6.072	28078989	222.9E6	5.616	5.936
16) A 4,4'-DDD	6.700	5.921	20742842	211.9E6	5.116	5.814
17) MA 4,4'-DDT	7.016	6.175	20485670	188.3E6	4.984	5.370
18) B Endrin al...	6.910	6.250	20741409	164.8E6	5.663	5.950
19) B Endosulfa...	7.144	6.474	25464611	209.5E6	5.490	5.845
20) A Methoxychlor	7.489	6.745	11946535	98858490	5.620	5.672
21) B Endrin ke...	7.624	6.983	26302012	223.7E6	5.414m	5.931
22) Mirex	8.108	7.175	19009608	155.6E6	5.939	6.058

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:28
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

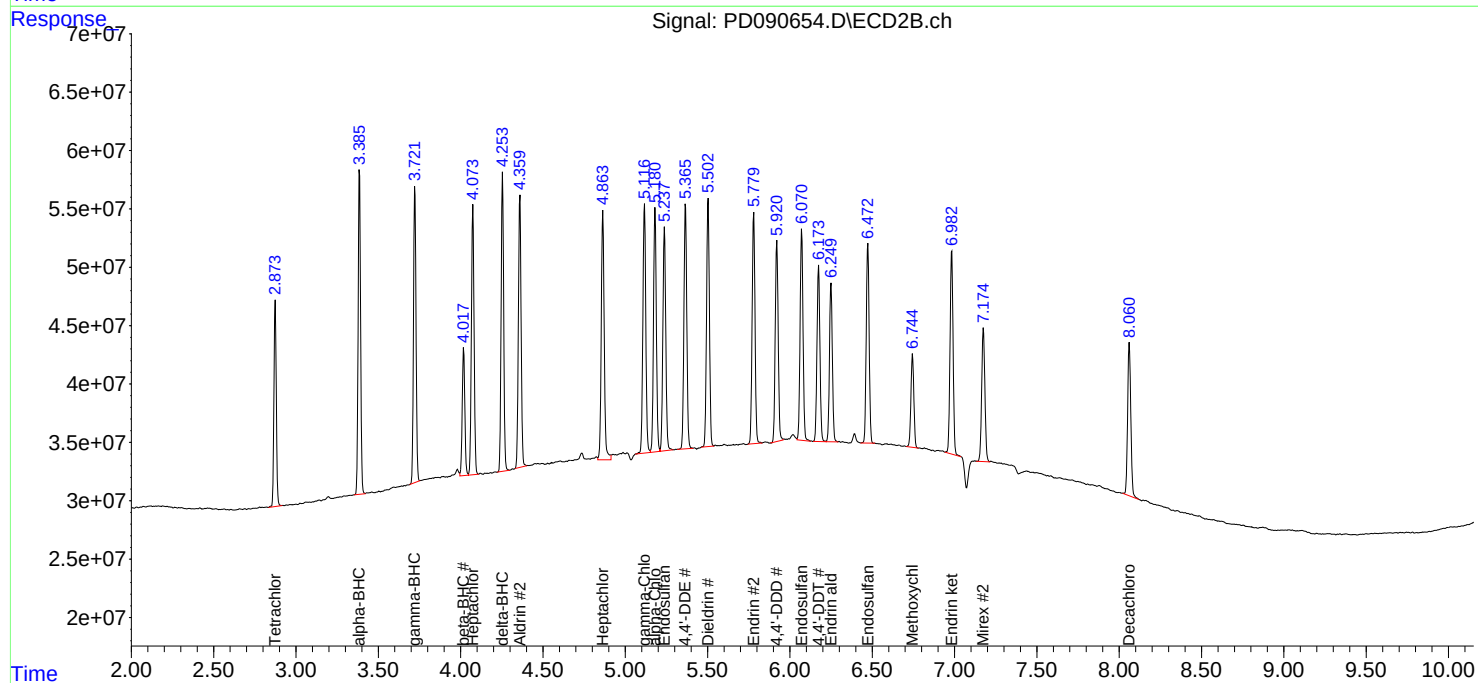
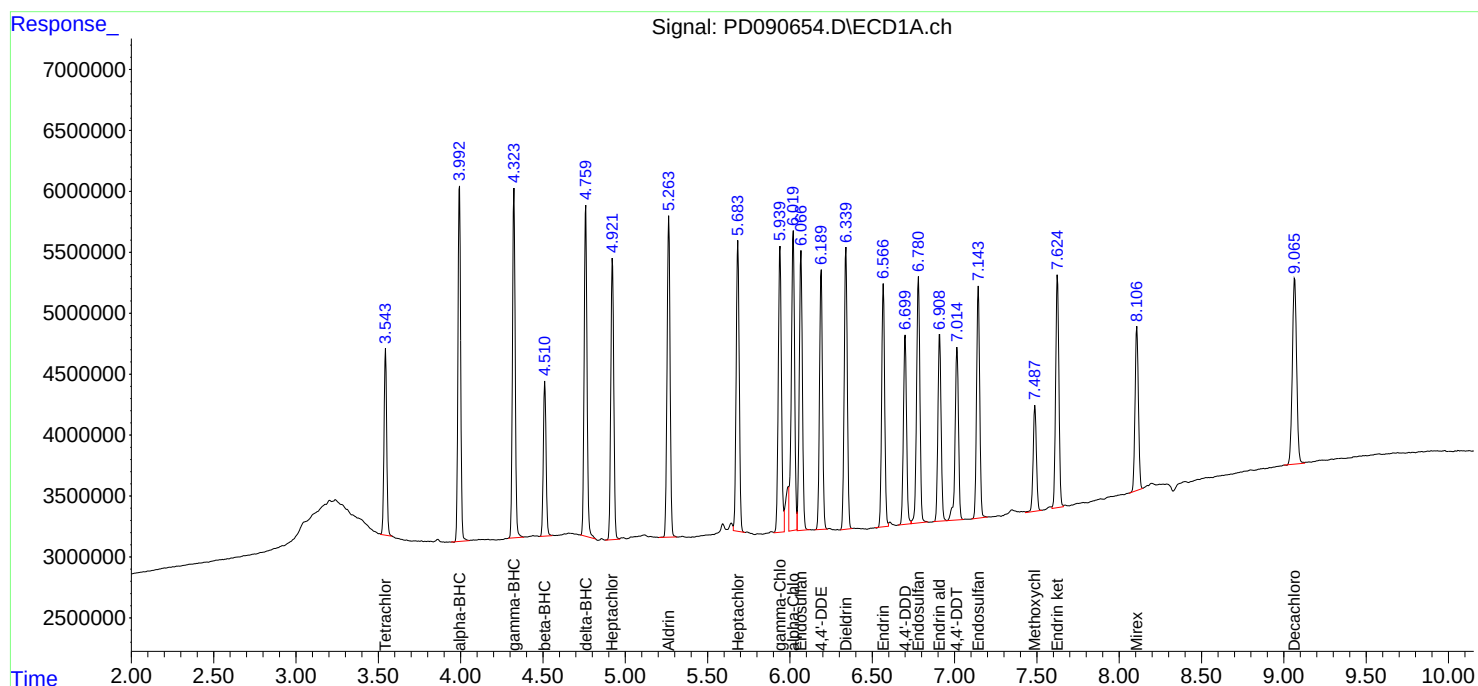
APPROVED

Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:41:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 13:09
 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: Oct 17 13:49:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:48:57 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...	3.545	2.874	108.8E6	1215.0E6	50.000	50.000
28)	SA Decachlor...	9.066	8.062	167.8E6	1105.6E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.708	3.898	92608674	605.2E6	500.000	500.000
24)	Chlordane-2	5.235	4.479	92865500	631.9E6	500.000	500.000
25)	Chlordane-3	5.941	5.117	379.1E6	1885.9E6	500.000	500.000
26)	Chlordane-4	6.026	5.181	458.8E6	1625.9E6	500.000	500.000
27)	Chlordane-5	6.865	6.081	74238996	730.3E6	500.000	500.000

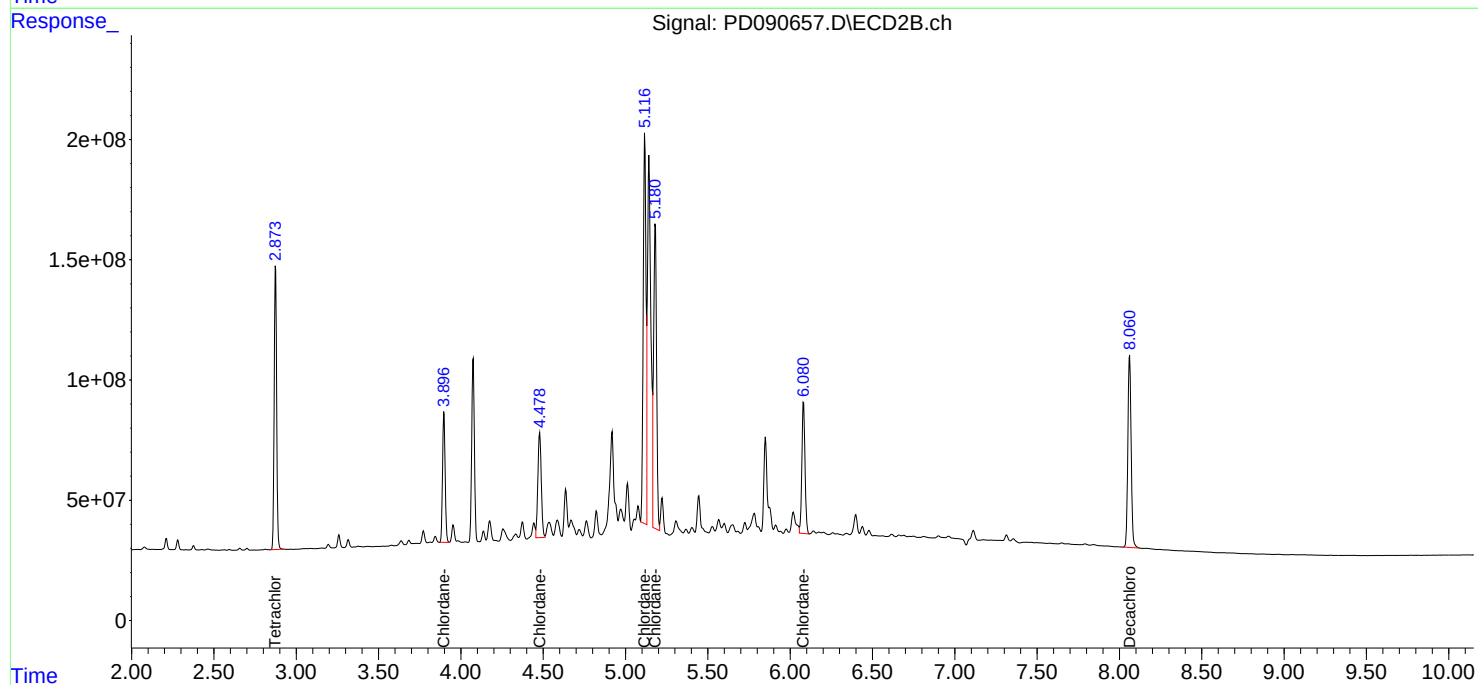
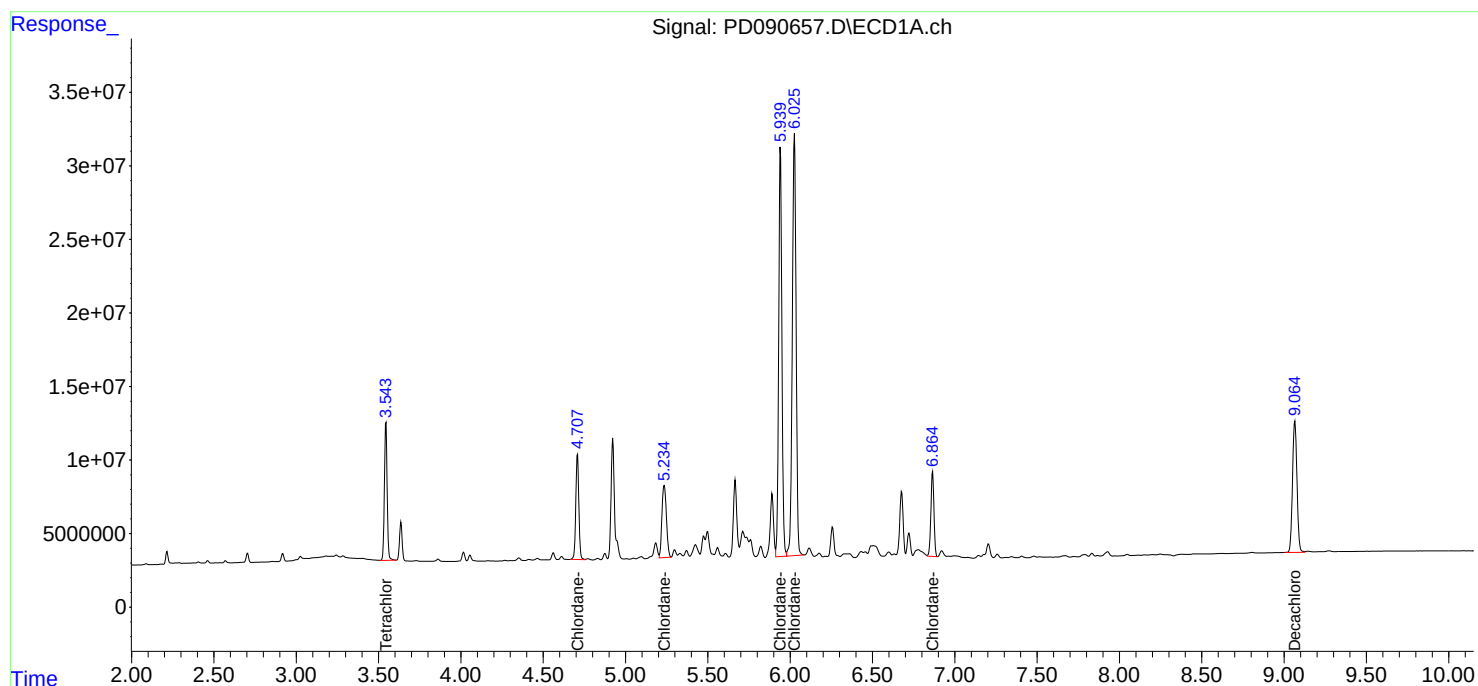
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 13:09
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: Oct 17 13:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:48:57 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 14:17
 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: Oct 17 14:36:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:35:49 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

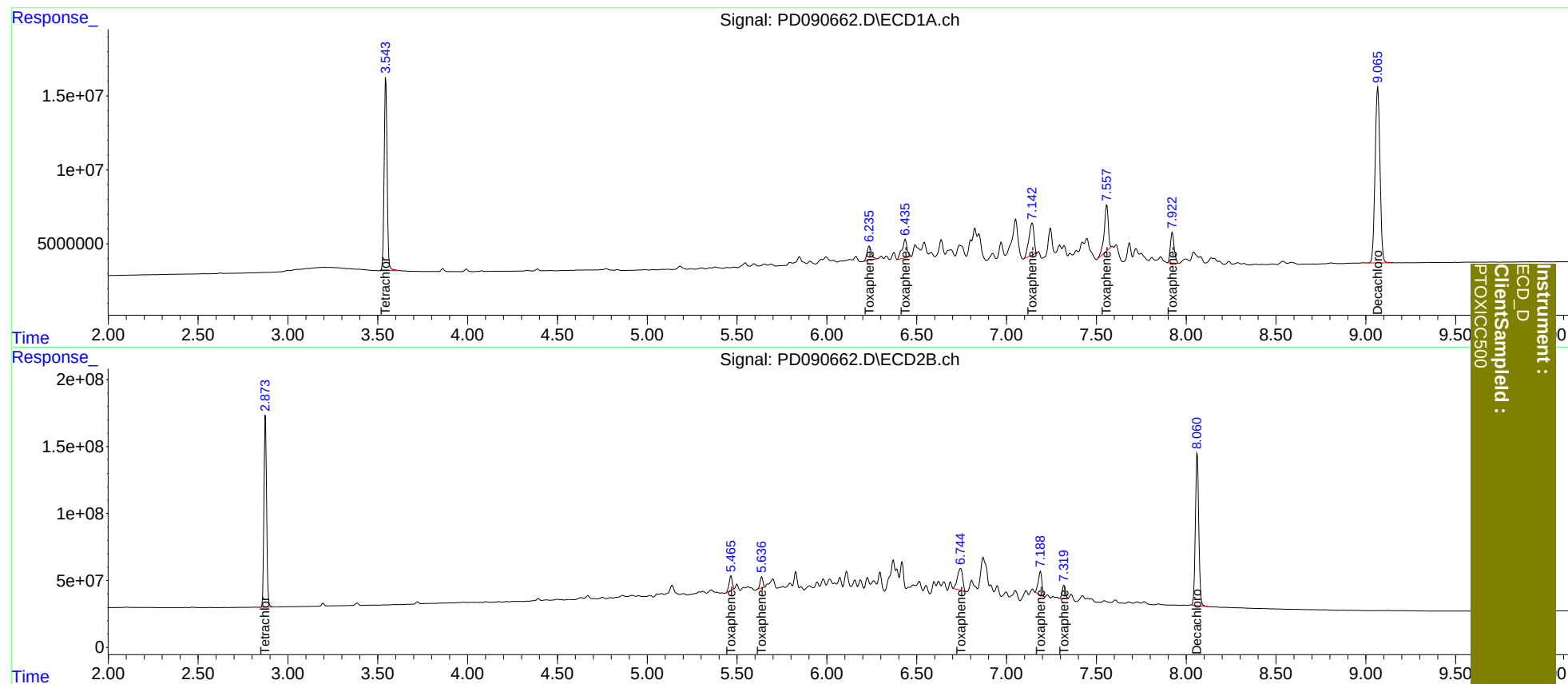
System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.875	149.0E6	1451.5E6	50.000	50.000
7) SA Decachlor...	9.066	8.062	225.6E6	1489.1E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.236	5.466	16282219	131.9E6	500.000	500.000
3) Toxaphene-2	6.436	5.638	24310877	88280081	500.000	500.000
4) Toxaphene-3	7.143	6.745	42855293	329.4E6	500.000	500.000
5) Toxaphene-4	7.558	7.189	47868684	247.6E6	500.000	500.000
6) Toxaphene-5	7.923	7.320	30240231	123.0E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 14:17
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: Oct 17 14:36:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:35:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090665.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 16:46
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 17:27:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 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 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...	3.544	2.874	153.7E6	1464.9E6	49.347	49.195
28)	SA Decachlor...	9.065	8.062	232.3E6	1556.2E6	49.651	51.373
Target Compounds							
2)	A alpha-BHC	3.993	3.386	368.9E6	2547.7E6	51.395	49.860
3)	MA gamma-BHC...	4.325	3.722	346.1E6	2351.4E6	50.913	49.766
4)	MA Heptachlor	4.923	4.074	269.7E6	2210.7E6	48.243	49.564
5)	MB Aldrin	5.264	4.360	332.4E6	2302.8E6	50.770	49.716
6)	B beta-BHC	4.512	4.018	128.8E6	974.3E6	49.166	49.134
7)	B delta-BHC	4.760	4.255	343.7E6	2372.2E6	50.832	49.714
8)	B Heptachlo...	5.684	4.864	292.1E6	2073.7E6	50.455	48.633
9)	A Endosulfan I	6.068	5.238	276.7E6	1960.5E6	49.982	49.772
10)	B gamma-Chl...	5.940	5.117	297.4E6	2236.0E6	50.146	49.745
11)	B alpha-Chl...	6.020	5.181	299.6E6	2144.4E6	48.473	49.711
12)	B 4,4'-DDE	6.190	5.366	269.1E6	2179.5E6	50.526	49.716
13)	MA Dieldrin	6.341	5.503	295.7E6	2209.3E6	50.705	50.003
14)	MA Endrin	6.568	5.780	251.8E6	2041.8E6	50.824	50.421
15)	B Endosulfa...	6.781	6.072	251.4E6	1876.1E6	50.275	49.956
16)	A 4,4'-DDD	6.701	5.920	206.7E6	1821.0E6	50.990	49.977
17)	MA 4,4'-DDT	7.016	6.174	206.8E6	1798.7E6	50.320	51.285
18)	B Endrin al...	6.910	6.250	184.2E6	1401.3E6	50.283	50.600
19)	B Endosulfa...	7.144	6.474	231.2E6	1809.0E6	49.837	50.467
20)	A Methoxychlor	7.489	6.745	104.2E6	890.1E6	48.999	51.076
21)	B Endrin ke...	7.625	6.983	242.9E6	1911.1E6	49.982	50.668
22)	Mirex	8.108	7.176	158.1E6	1294.5E6	49.394	50.389

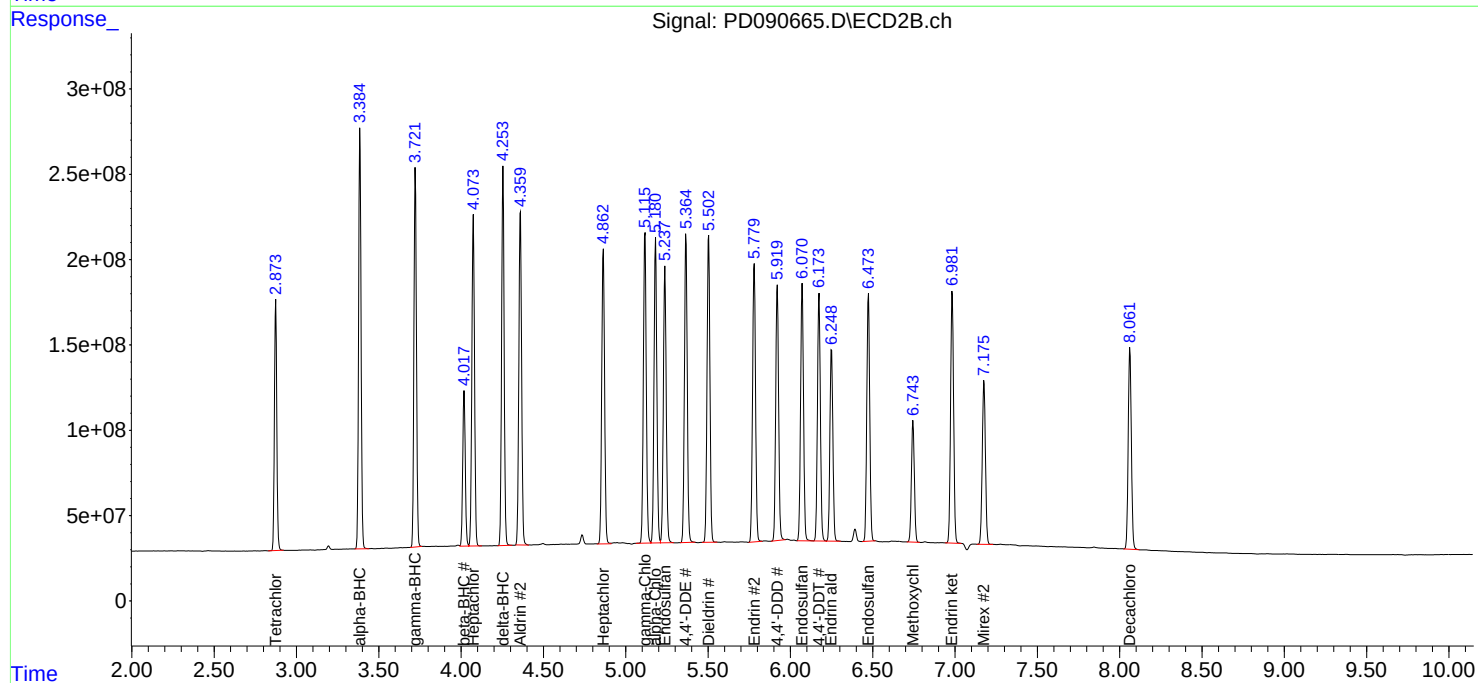
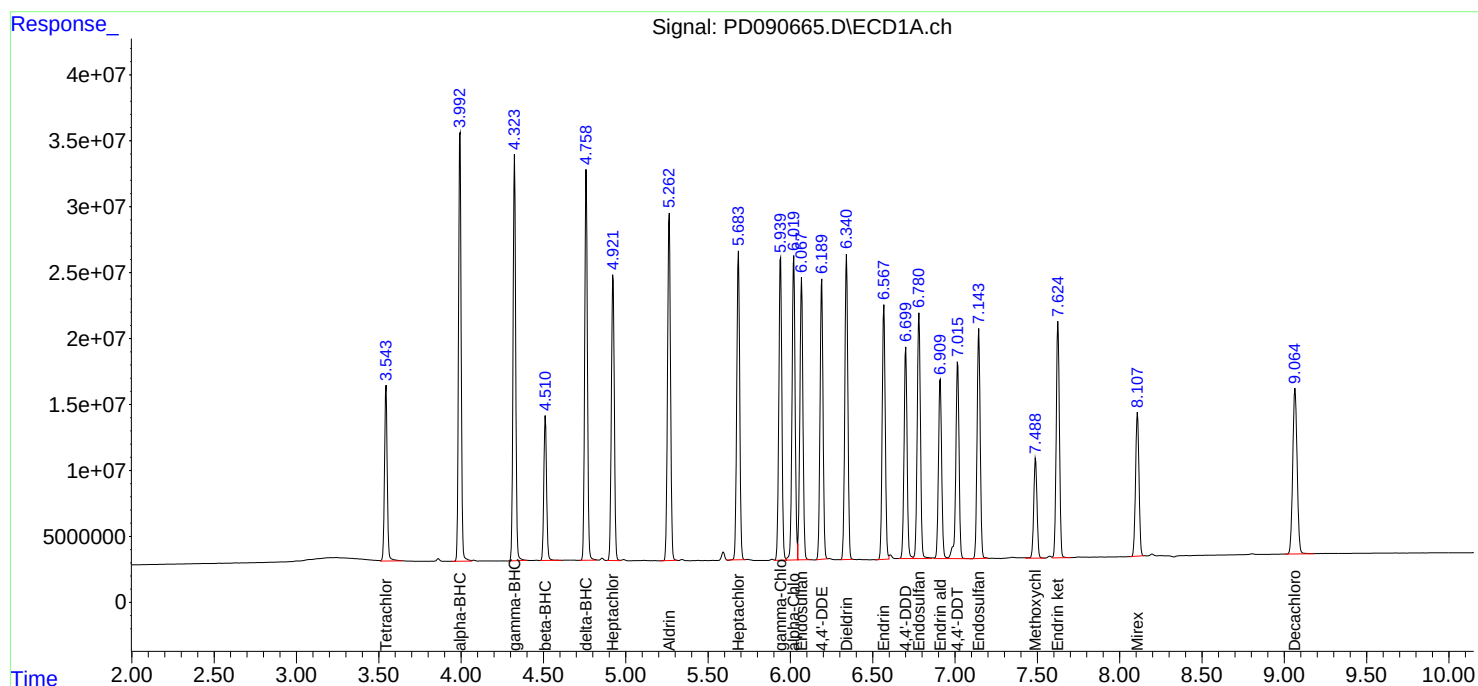
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090665.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 16:46
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 17:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 17:50
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 18:03:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.873	151.2E6	1640.5E6	48.564	55.094
28)	SA Decachlor...	9.069	8.063	245.8E6	1635.1E6	52.541	53.979
Target Compounds							
23)	Chlordane-1	4.711	3.897	81712455	547.0E6	432.404	438.923
24)	Chlordane-2	5.238	4.479	83577133	567.3E6	432.751	434.873
25)	Chlordane-3	5.944	5.117	339.4E6	1711.3E6	444.973	439.739
26)	Chlordane-4	6.029	5.182	443.9E6	1471.1E6	458.160	440.289
27)	Chlordane-5	6.868	6.082	67446272	668.4E6	448.868	452.832

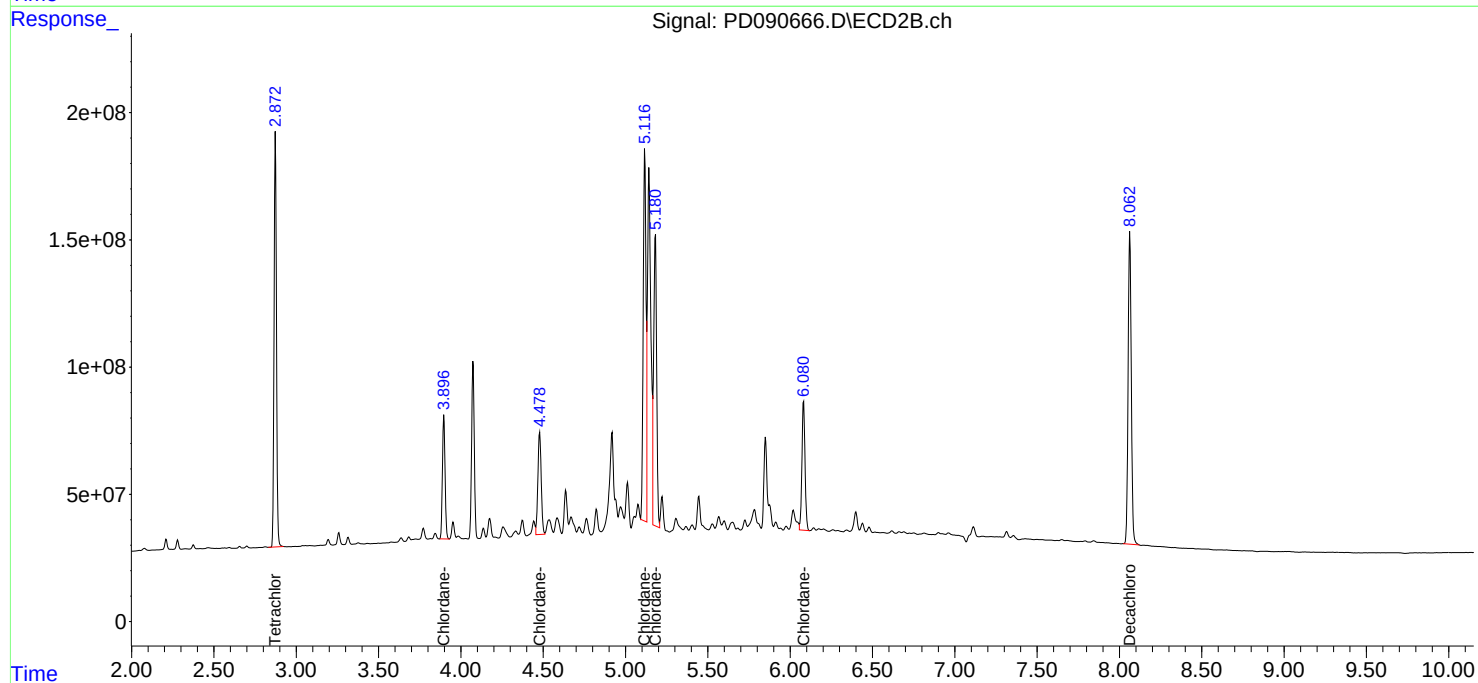
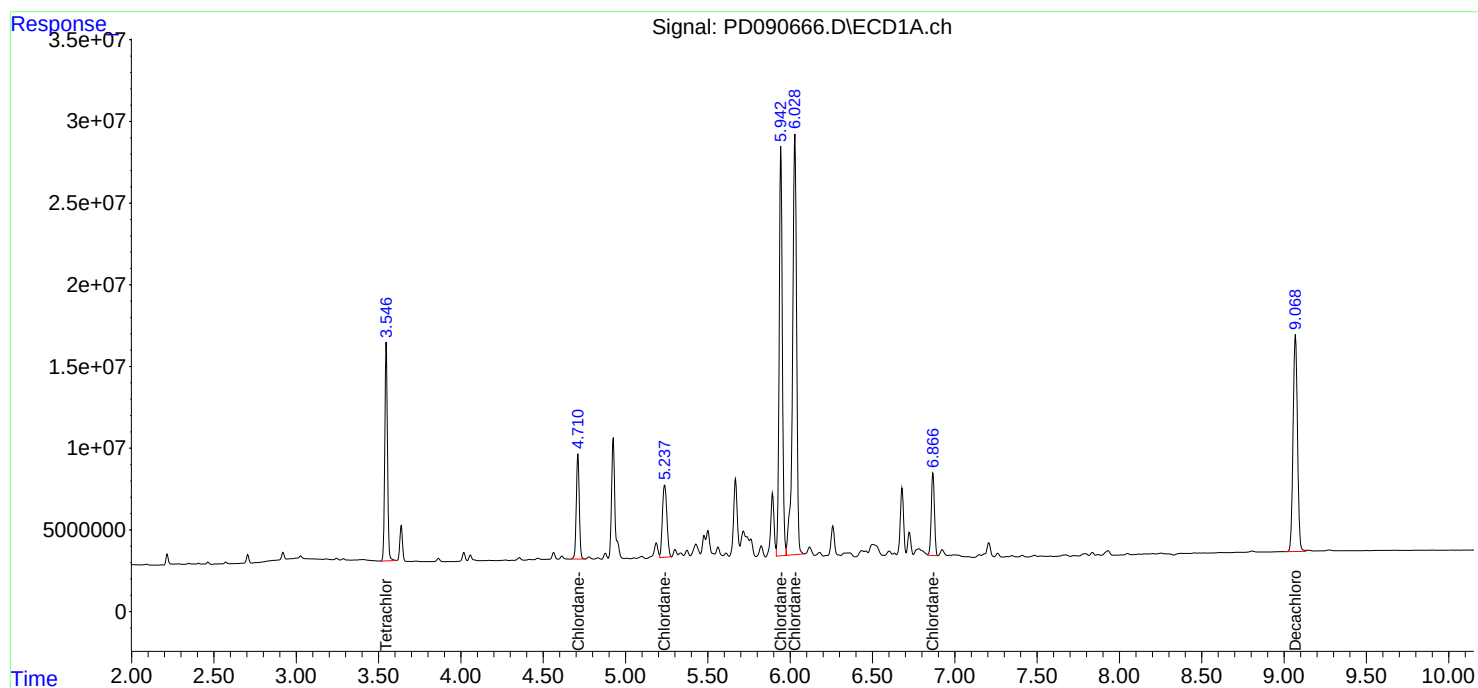
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 17:50
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD101725CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 18:03:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 18:42
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725TOX

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/21/2025
 Supervised By : mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 09:07:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 16:43:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

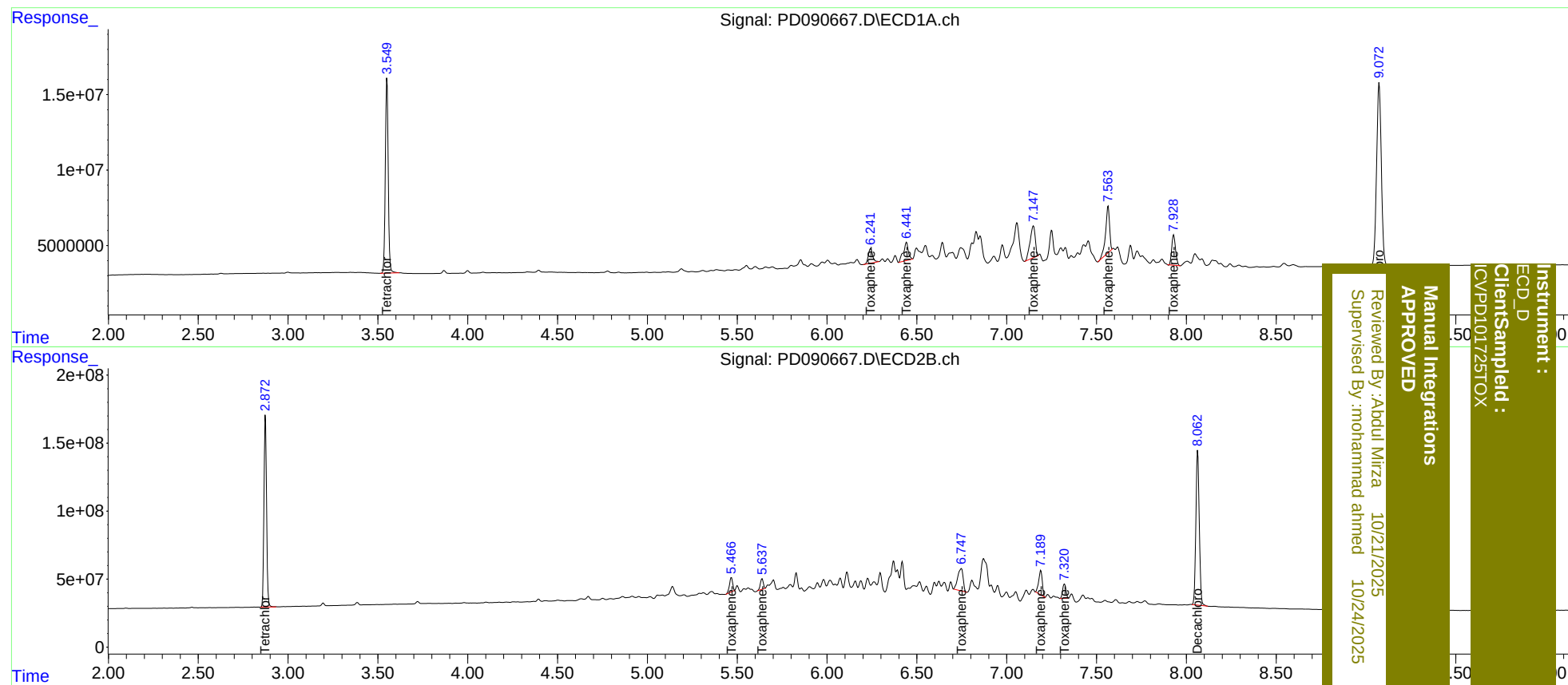
System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.874	144.8E6	1414.7E6	47.850	47.865
7)	SA Decachlor...	9.073	8.063	222.4E6	1485.6E6	48.104	48.572
Target Compounds							
2)	Toxaphene-1	6.243	5.468	16199211	128.4E6	486.326	472.241
3)	Toxaphene-2	6.442	5.639	23160349	87664602	469.047	488.530
4)	Toxaphene-3	7.149	6.748	41739789	339.6E6	481.161	526.232
5)	Toxaphene-4	7.565	7.190	46882437	247.3E6	496.038	505.430
6)	Toxaphene-5	7.930	7.320	29219348	133.4E6	485.054	589.259m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 18:42
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: Oct 20 09:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 16:43:08 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



Manual Integrations
APPROVED
Reviewed By: Abdul Mirza 10/21/2025
Supervised By: mohammad ahmed 10/24/2025

Instrument :
ECD_D
Client Sample :
ICVPD101725TOX



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/04/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 09:45

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/04/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 09:45

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ARAM01
 Lab Code: ACE SDG NO.: Q3368
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No.: CCAL01 Date Analyzed: 11/04/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090937.D Time Analyzed: 09:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.964	9.164	45.240	50.000	-9.5
Endrin	6.567	6.468	6.668	47.020	50.000	-6.0
gamma-BHC (Lindane)	4.324	4.225	4.425	45.360	50.000	-9.3
Heptachlor	4.922	4.823	5.023	56.000	50.000	12.0
Heptachlor epoxide	5.683	5.584	5.784	46.040	50.000	-7.9
Methoxychlor	7.487	7.388	7.588	53.360	50.000	6.7
Tetrachloro-m-xylene	3.544	3.445	3.645	43.890	50.000	-12.2



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ARAM01
 Lab Code: ACE SDG NO.: Q3368
 GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No.: CCAL01 Date Analyzed: 11/04/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090937.D Time Analyzed: 09:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.059	7.962	8.162	55.160	50.000	10.3
Endrin	5.779	5.681	5.881	49.420	50.000	-1.2
gamma-BHC (Lindane)	3.721	3.623	3.823	47.830	50.000	-4.3
Heptachlor	4.073	3.975	4.175	50.260	50.000	0.5
Heptachlor epoxide	4.862	4.764	4.964	47.000	50.000	-6.0
Methoxychlor	6.742	6.645	6.845	53.310	50.000	6.6
Tetrachloro-m-xylene	2.874	2.775	2.975	46.870	50.000	-6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 09:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/05/2025

Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:03:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	136.7E6	1395.7E6	43.888	46.870
28)	SA Decachlor...	9.063	8.059	211.6E6	1670.9E6	45.243	55.160
Target Compounds							
2)	A alpha-BHC	3.993	3.385	328.1E6	2445.4E6	45.713	47.858
3)	MA gamma-BHC...	4.324	3.721	308.4E6	2260.0E6	45.361	47.832
4)	MA Heptachlor	4.922	4.073	313.0E6	2241.7E6	56.000	50.260
5)	MB Aldrin	5.264	4.359	297.3E6	2221.1E6	45.407	47.953
6)	B beta-BHC	4.511	4.018	116.5E6	940.5E6	44.462	47.427
7)	B delta-BHC	4.759	4.254	305.4E6	2279.9E6	45.171	47.780
8)	B Heptachlo...	5.683	4.862	266.5E6	2003.9E6	46.039	46.996
9)	A Endosulfan I	6.067	5.236	253.2E6	1844.1E6	45.730	46.817
10)	B gamma-Chl...	5.939	5.115	269.5E6	2167.0E6	45.437	48.211
11)	B alpha-Chl...	6.019	5.180	271.6E6	2078.7E6	43.939	48.187
12)	B 4,4'-DDE	6.189	5.364	238.7E6	2128.5E6	44.815	48.554
13)	MA Dieldrin	6.339	5.502	271.5E6	2152.2E6	46.556	48.709
14)	MA Endrin	6.567	5.779	232.9E6	2001.1E6	47.017	49.416
15)	B Endosulfa...	6.780	6.070	232.3E6	1868.4E6	46.456	49.752
16)	A 4,4'-DDD	6.699	5.918	191.6E6	1761.6E6	47.267	48.345
17)	MA 4,4'-DDT	7.015	6.172	213.9E6	1915.3E6	52.027	54.609
18)	B Endrin al...	6.909	6.249	172.3E6	1393.4E6	47.035	50.316
19)	B Endosulfa...	7.143	6.472	215.0E6	1804.1E6	46.359	50.330
20)	A Methoxychlor	7.487	6.742	113.4E6	929.0E6	53.360	53.308
21)	B Endrin ke...	7.624	6.979	232.7E6	2039.9E6	47.892	54.084m
22)	Mirex	8.106	7.173	154.6E6	1358.2E6	48.310	52.867

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

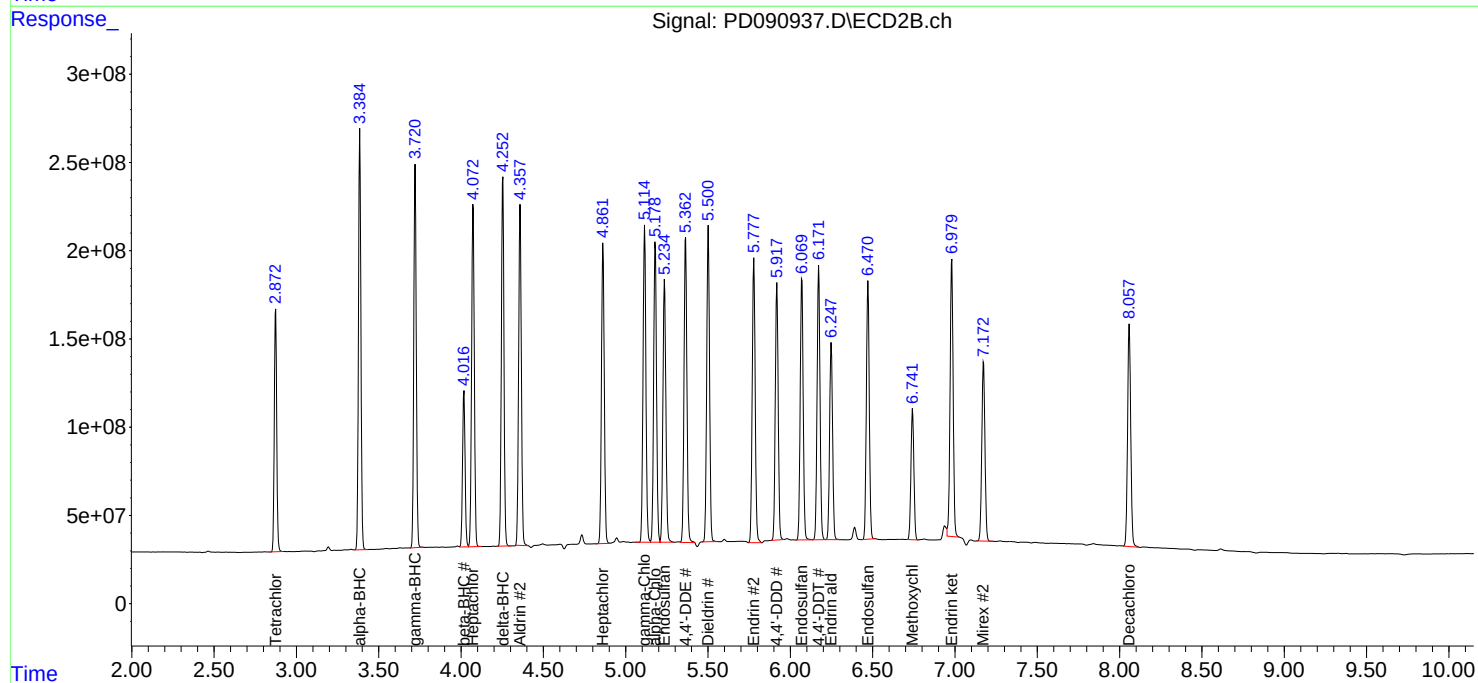
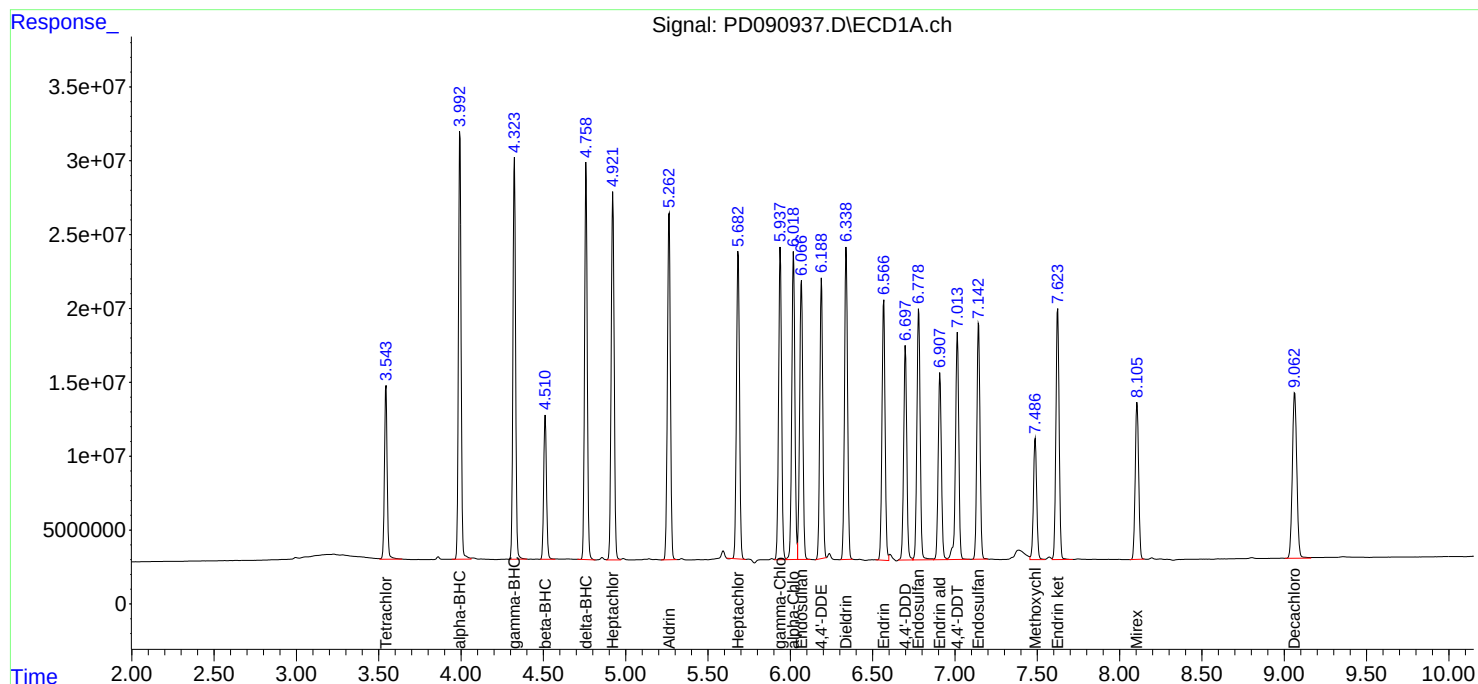
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:03:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/04/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 13:29

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.58	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/04/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 13:29

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ARAM01
 Lab Code: ACE SDG NO.: Q3368
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No.: CCAL02 Date Analyzed: 11/04/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090949.D Time Analyzed: 13:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.074	8.964	9.164	43.990	50.000	-12.0
Endrin	6.575	6.468	6.668	49.110	50.000	-1.8
gamma-BHC (Lindane)	4.332	4.225	4.425	54.710	50.000	9.4
Heptachlor	4.929	4.823	5.023	66.730	50.000	33.5
Heptachlor epoxide	5.690	5.584	5.784	49.950	50.000	-0.1
Methoxychlor	7.495	7.388	7.588	50.020	50.000	0.0
Tetrachloro-m-xylene	3.551	3.445	3.645	51.620	50.000	3.2



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ARAM01
Lab Code: ACE **SDG NO.:** Q3368
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/04/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090949.D **Time Analyzed:** 13:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.062	7.962	8.162	37.880	50.000	-24.2
Endrin	5.780	5.681	5.881	47.270	50.000	-5.5
gamma-BHC (Lindane)	3.722	3.623	3.823	53.140	50.000	6.3
Heptachlor	4.074	3.975	4.175	55.600	50.000	11.2
Heptachlor epoxide	4.864	4.764	4.964	51.470	50.000	2.9
Methoxychlor	6.745	6.645	6.845	43.330	50.000	-13.3
Tetrachloro-m-xylene	2.874	2.775	2.975	53.000	50.000	6.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 13:29
 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: Nov 05 00:32:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.874	160.7E6	1578.2E6	51.618	52.999
28)	SA Decachlor...	9.074	8.062	205.8E6	1147.4E6	43.994	37.880
Target Compounds							
2)	A alpha-BHC	4.000	3.386	399.8E6	2746.2E6	55.708	53.746
3)	MA gamma-BHC...	4.332	3.722	371.9E6	2511.0E6	54.707	53.145
4)	MA Heptachlor	4.929	4.074	373.0E6	2479.8E6	66.732	55.598
5)	MB Aldrin	5.270	4.359	346.3E6	2437.1E6	52.895	52.616
6)	B beta-BHC	4.519	4.018	135.0E6	1033.8E6	51.546	52.135
7)	B delta-BHC	4.767	4.255	367.0E6	2526.4E6	54.275	52.945
8)	B Heptachlo...	5.690	4.864	289.2E6	2194.6E6	49.948	51.469
9)	A Endosulfan I	6.074	5.238	275.8E6	1918.7E6	49.822	48.709
10)	B gamma-Chl...	5.947	5.116	297.6E6	2269.1E6	50.179	50.481
11)	B alpha-Chl...	6.027	5.181	296.3E6	2159.4E6	47.946	50.058
12)	B 4,4'-DDE	6.197	5.365	259.3E6	2166.8E6	48.684	49.428
13)	MA Dieldrin	6.347	5.503	292.1E6	2173.7E6	50.088	49.197
14)	MA Endrin	6.575	5.780	243.3E6	1914.0E6	49.114	47.267
15)	B Endosulfa...	6.787	6.072	243.2E6	1779.0E6	48.631	47.370
16)	A 4,4'-DDD	6.706	5.920	209.5E6	1743.4E6	51.665	47.846
17)	MA 4,4'-DDT	7.022	6.174	199.4E6	1691.6E6	48.520	48.232
18)	B Endrin al...	6.917	6.250	166.9E6	1245.0E6	45.577	44.958
19)	B Endosulfa...	7.151	6.474	212.3E6	1575.1E6	45.782	43.942
20)	A Methoxychlor	7.495	6.745	106.3E6	755.2E6	50.024	43.333
21)	B Endrin ke...	7.631	6.983	230.2E6	1526.1E6	47.380	40.462
22)	Mirex	8.114	7.176	139.9E6	1001.8E6	43.704	38.996

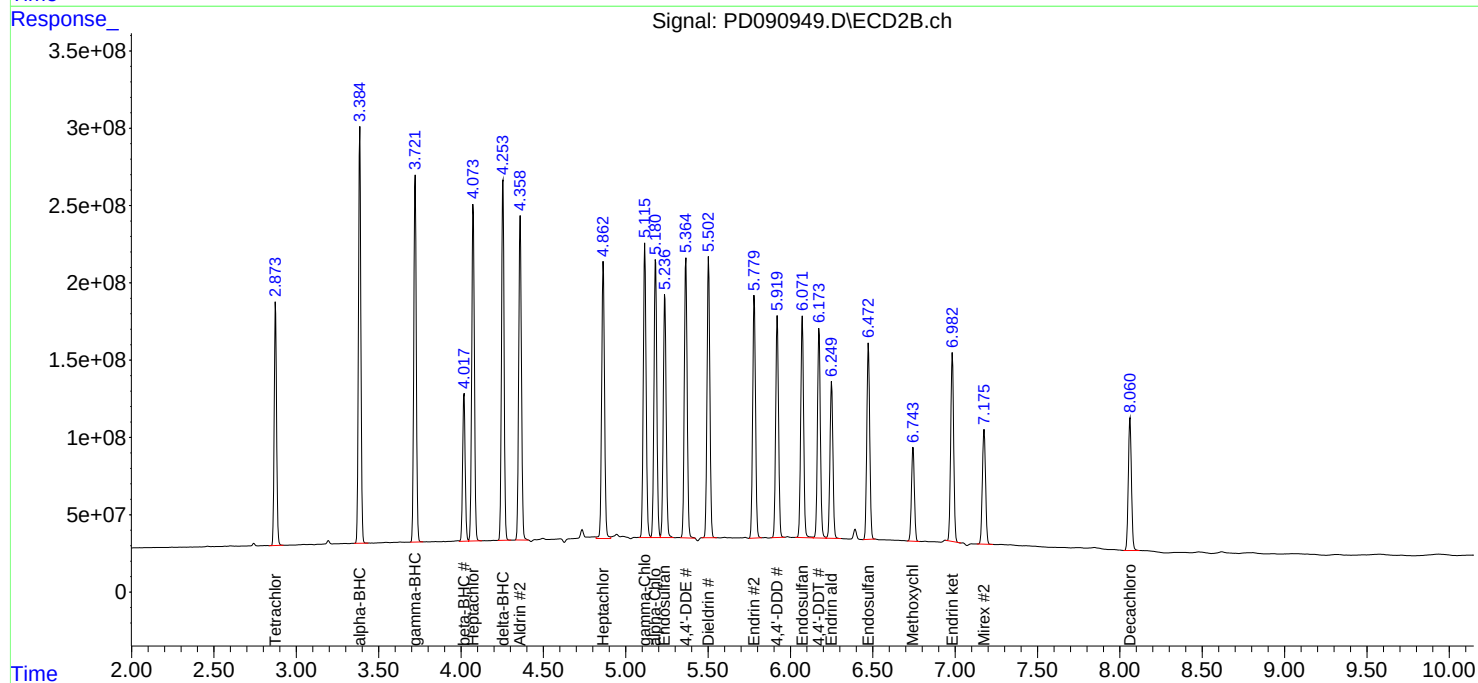
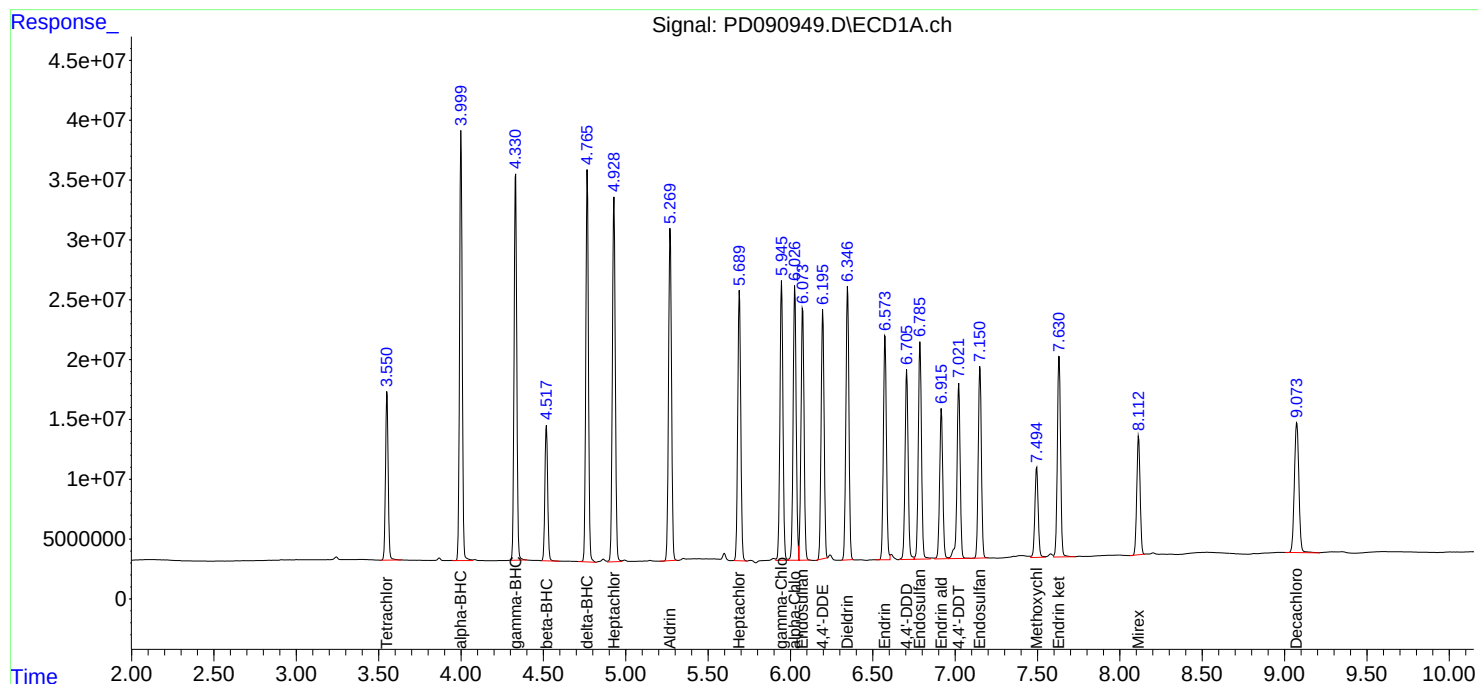
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:29
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: Nov 05 00:32:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/04/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 16:44

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/04/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 16:44

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ARAM01
 Lab Code: ACE SDG NO.: Q3368
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No.: CCAL03 Date Analyzed: 11/04/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090957.D Time Analyzed: 16:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.064	8.964	9.164	48.210	50.000	-3.6
Endrin	6.567	6.468	6.668	54.530	50.000	9.1
gamma-BHC (Lindane)	4.324	4.225	4.425	55.080	50.000	10.2
Heptachlor	4.922	4.823	5.023	66.530	50.000	33.1
Heptachlor epoxide	5.683	5.584	5.784	54.960	50.000	9.9
Methoxychlor	7.487	7.388	7.588	52.810	50.000	5.6
Tetrachloro-m-xylene	3.544	3.445	3.645	52.920	50.000	5.8



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ARAM01
Lab Code: ACE **SDG NO.:** Q3368
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/04/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090957.D **Time Analyzed:** 16:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.060	7.962	8.162	46.000	50.000	-8.0
Endrin	5.778	5.681	5.881	53.220	50.000	6.4
gamma-BHC (Lindane)	3.722	3.623	3.823	53.100	50.000	6.2
Heptachlor	4.073	3.975	4.175	55.570	50.000	11.1
Heptachlor epoxide	4.862	4.764	4.964	51.570	50.000	3.1
Methoxychlor	6.742	6.645	6.845	51.400	50.000	2.8
Tetrachloro-m-xylene	2.874	2.775	2.975	52.660	50.000	5.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 16:44
 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: Nov 05 00:34:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	164.8E6	1568.0E6	52.922	52.658
28)	SA Decachlor...	9.064	8.060	225.5E6	1393.3E6	48.214	45.996
Target Compounds							
2)	A alpha-BHC	3.993	3.385	400.2E6	2729.1E6	55.765	53.411
3)	MA gamma-BHC...	4.324	3.722	374.5E6	2509.0E6	55.080	53.102
4)	MA Heptachlor	4.922	4.073	371.9E6	2478.7E6	66.532	55.572
5)	MB Aldrin	5.263	4.359	357.6E6	2438.0E6	54.614	52.636
6)	B beta-BHC	4.511	4.018	139.5E6	1039.7E6	53.245	52.432
7)	B delta-BHC	4.760	4.254	373.7E6	2544.8E6	55.266	53.333
8)	B Heptachlo...	5.683	4.862	318.1E6	2198.7E6	54.956	51.565
9)	A Endosulfan I	6.067	5.236	300.5E6	2011.7E6	54.278	51.071
10)	B gamma-Chl...	5.939	5.115	320.0E6	2366.3E6	53.955	52.644
11)	B alpha-Chl...	6.020	5.180	326.5E6	2264.1E6	52.834	52.486
12)	B 4,4'-DDE	6.189	5.364	287.0E6	2319.5E6	53.889	52.911
13)	MA Dieldrin	6.340	5.502	321.0E6	2354.4E6	55.041	53.287
14)	MA Endrin	6.567	5.778	270.1E6	2155.2E6	54.533	53.223
15)	B Endosulfa...	6.780	6.070	264.4E6	1959.3E6	52.889	52.171
16)	A 4,4'-DDD	6.699	5.918	228.8E6	1978.5E6	56.439	54.298
17)	MA 4,4'-DDT	7.015	6.172	218.6E6	1823.7E6	53.170	51.996
18)	B Endrin al...	6.909	6.248	187.7E6	1399.6E6	51.243	50.541
19)	B Endosulfa...	7.143	6.472	238.6E6	1816.5E6	51.444	50.676
20)	A Methoxychlor	7.487	6.742	112.3E6	895.8E6	52.811	51.399
21)	B Endrin ke...	7.624	6.980	249.9E6	1855.9E6	51.440	49.204
22)	Mirex	8.106	7.173	157.0E6	1263.1E6	49.035	49.165

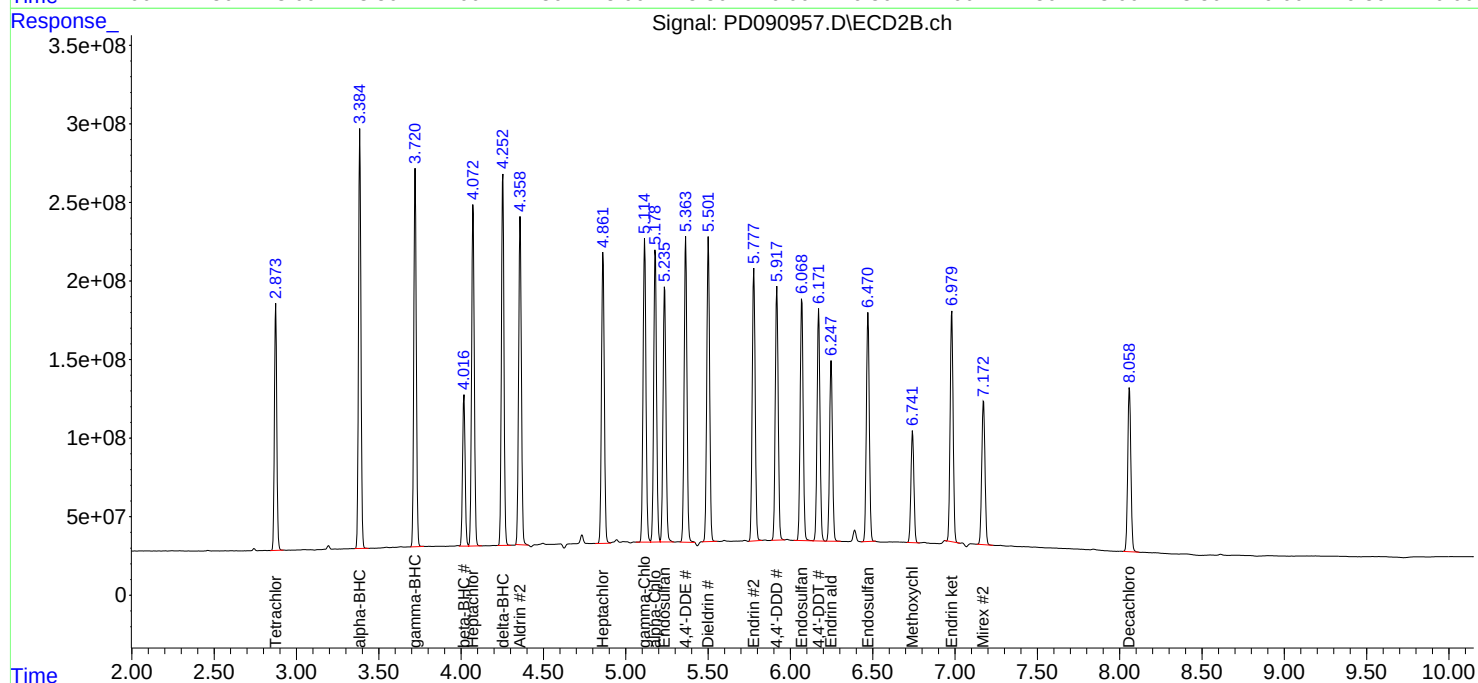
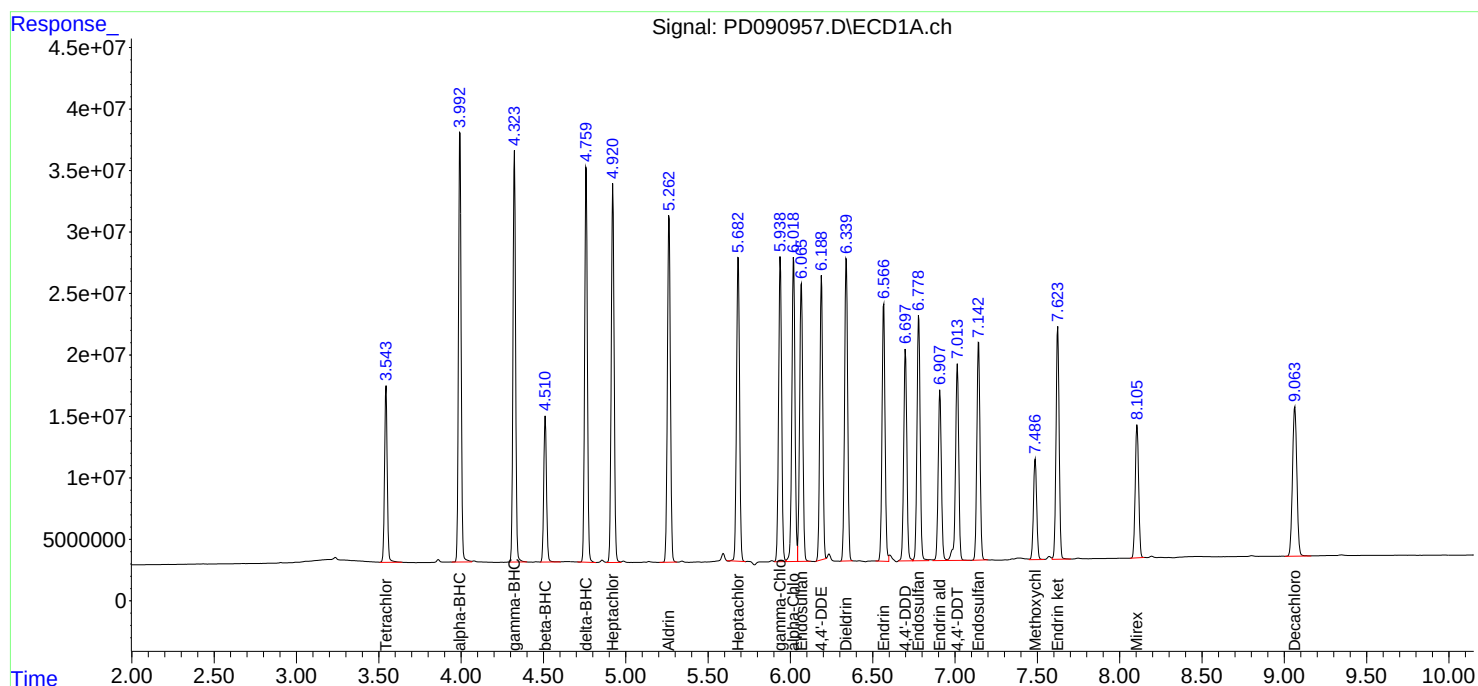
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:44
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: Nov 05 00:34:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/05/2025

Initial Calibration Date(s): 10/17/2025

10/17/2025

Continuing Calib Time: 09:47

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/05/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 09:47

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ARAM01
 Lab Code: ACE SDG NO.: Q3368
 GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No.: CCAL04 Date Analyzed: 11/05/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090961.D Time Analyzed: 09:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.064	8.964	9.164	48.070	50.000	-3.9
Endrin	6.567	6.468	6.668	56.110	50.000	12.2
gamma-BHC (Lindane)	4.324	4.225	4.425	55.220	50.000	10.4
Heptachlor	4.922	4.823	5.023	67.540	50.000	35.1
Heptachlor epoxide	5.683	5.584	5.784	57.550	50.000	15.1
Methoxychlor	7.487	7.388	7.588	57.330	50.000	14.7
Tetrachloro-m-xylene	3.544	3.445	3.645	52.690	50.000	5.4



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ARAM01
 Lab Code: ACE SDG NO.: Q3368
 GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No.: CCAL04 Date Analyzed: 11/05/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090961.D Time Analyzed: 09:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.059	7.962	8.162	50.830	50.000	1.7
Endrin	5.778	5.681	5.881	54.460	50.000	8.9
gamma-BHC (Lindane)	3.722	3.623	3.823	54.740	50.000	9.5
Heptachlor	4.073	3.975	4.175	57.000	50.000	14.0
Heptachlor epoxide	4.862	4.764	4.964	53.510	50.000	7.0
Methoxychlor	6.743	6.645	6.845	55.570	50.000	11.1
Tetrachloro-m-xylene	2.874	2.775	2.975	54.140	50.000	8.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 09:47
 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: Nov 06 00:11:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	164.1E6	1612.1E6	52.686	54.138
2)	SA Decachlor...	9.064	8.059	224.9E6	1539.8E6	48.072	50.832
Target Compounds							
2)	A alpha-BHC	3.993	3.386	402.5E6	2811.7E6	56.078	55.029
3)	MA gamma-BHC...	4.324	3.722	375.4E6	2586.3E6	55.220	54.738
4)	MA Heptachlor	4.922	4.073	377.5E6	2542.2E6	67.540	56.996
5)	MB Aldrin	5.264	4.359	360.2E6	2512.1E6	55.019	54.234
6)	B beta-BHC	4.511	4.017	139.1E6	1064.1E6	53.108	53.663
7)	B delta-BHC	4.759	4.254	378.8E6	2614.7E6	56.024	54.797
8)	B Heptachlo...	5.683	4.862	333.2E6	2281.5E6	57.549	53.507
9)	A Endosulfan I	6.067	5.236	303.9E6	2062.6E6	54.882	52.363
10)	B gamma-Chl...	5.939	5.115	318.5E6	2429.0E6	53.699	54.038
11)	B alpha-Chl...	6.020	5.180	352.3E6	2331.4E6	57.008	54.047
12)	B 4,4'-DDE	6.189	5.364	286.2E6	2388.4E6	53.724	54.481
13)	MA Dieldrin	6.340	5.502	325.1E6	2409.8E6	55.743	54.541
14)	MA Endrin	6.567	5.778	277.9E6	2205.4E6	56.108	54.463
15)	B Endosulfa...	6.780	6.070	277.6E6	2065.5E6	55.516	54.998
16)	A 4,4'-DDD	6.699	5.918	234.3E6	2020.8E6	57.786	55.457
17)	MA 4,4'-DDT	7.015	6.172	242.8E6	2048.9E6	59.069	58.419
18)	B Endrin al...	6.909	6.248	202.6E6	1532.2E6	55.317	55.329
19)	B Endosulfa...	7.144	6.472	247.9E6	1918.8E6	53.445	53.531
20)	A Methoxychlor	7.487	6.743	121.9E6	968.4E6	57.331	55.566
21)	B Endrin ke...	7.624	6.980	258.2E6	1963.6E6	53.148	52.060
22)	Mirex	8.107	7.173	163.8E6	1316.2E6	51.176	51.233

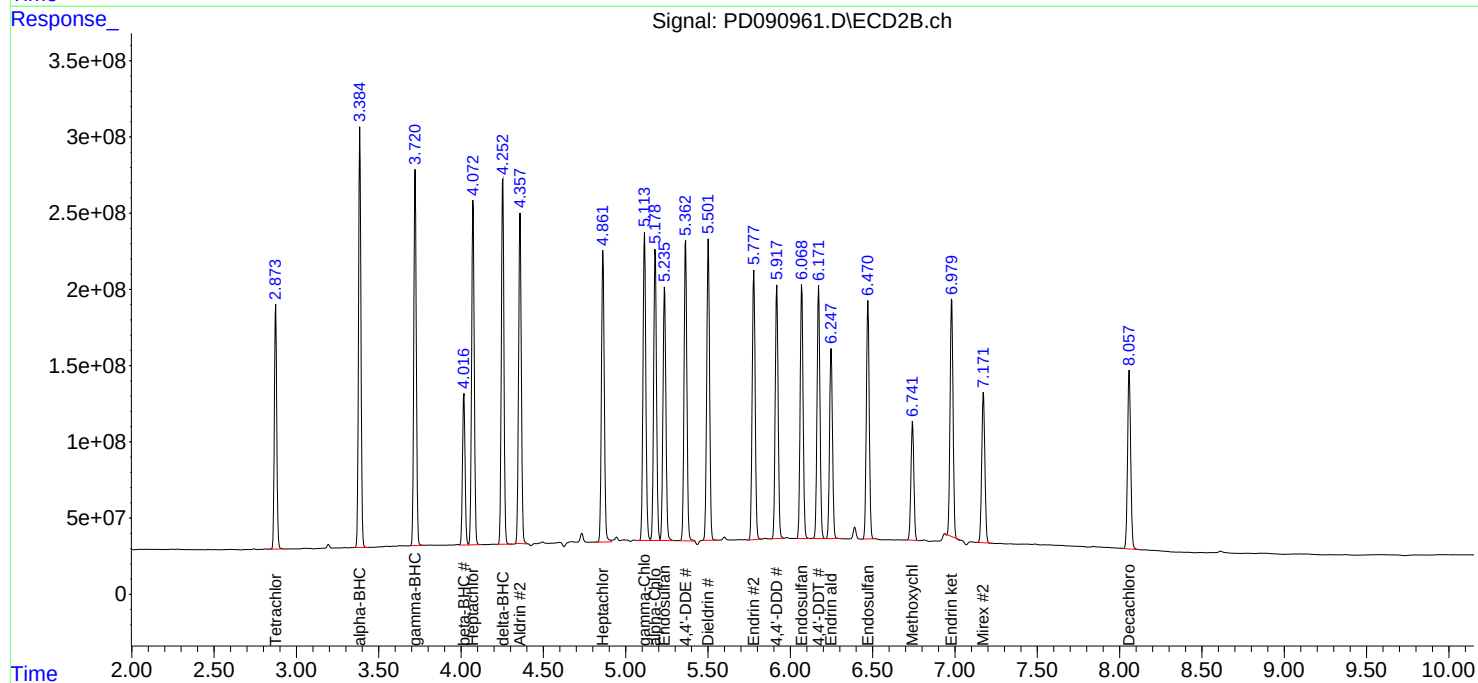
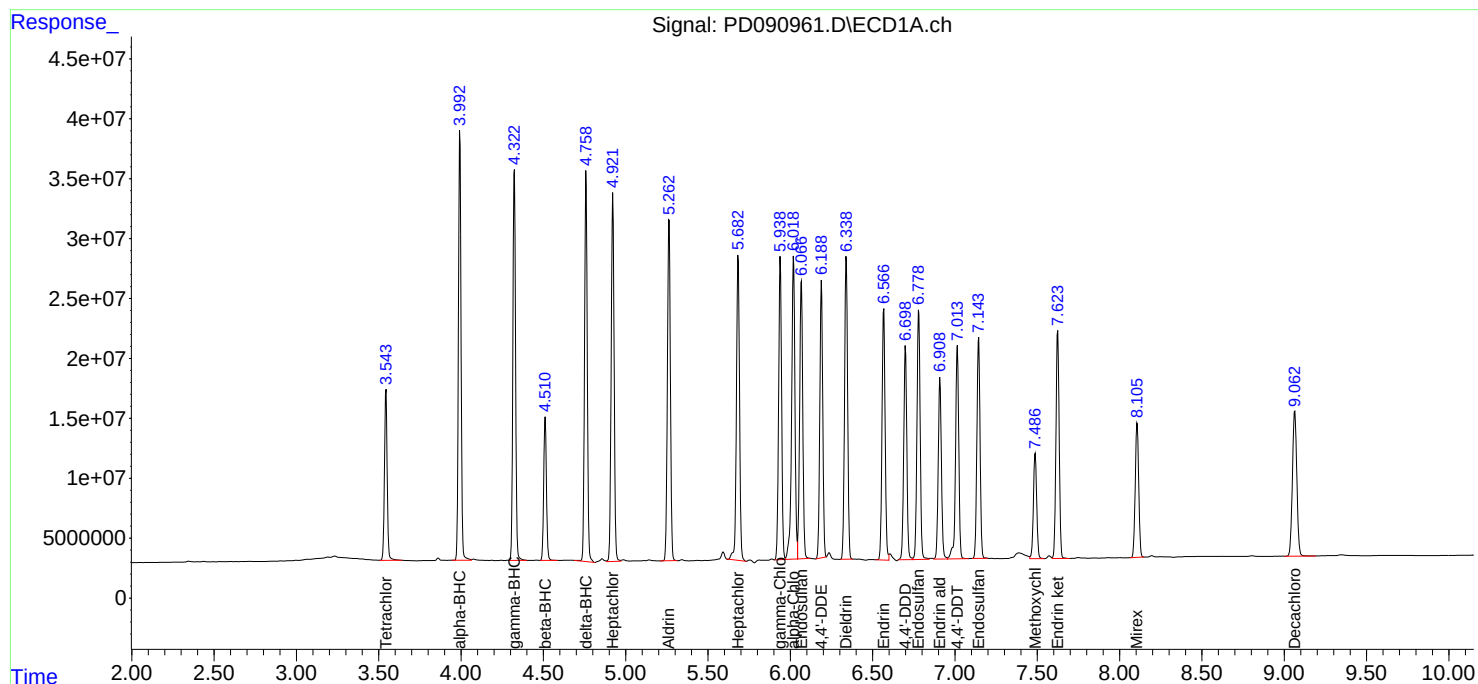
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:47
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: Nov 06 00:11:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/05/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 11:47

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Continuing Calib Date: 11/05/2025

Initial Calibration Date(s): 10/17/2025 10/17/2025

Continuing Calib Time: 11:47

Initial Calibration Time(s): 11:34 12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Methoxychlor	6.74	6.75	6.65	6.85	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ARAM01
Lab Code: ACE **SDG NO.:** Q3368
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL05 **Date Analyzed:** 11/05/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090969.D **Time Analyzed:** 11:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.065	8.964	9.164	48.090	50.000	-3.8
Endrin	6.567	6.468	6.668	55.650	50.000	11.3
gamma-BHC (Lindane)	4.324	4.225	4.425	55.720	50.000	11.4
Heptachlor	4.922	4.823	5.023	67.980	50.000	36.0
Heptachlor epoxide	5.683	5.584	5.784	56.010	50.000	12.0
Methoxychlor	7.488	7.388	7.588	58.730	50.000	17.5
Tetrachloro-m-xylene	3.544	3.445	3.645	53.450	50.000	6.9



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ARAM01
 Lab Code: ACE SDG NO.: Q3368
 GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No.: CCAL05 Date Analyzed: 11/05/2025
 Lab Sample No.: PSTDCCC050 Data File : PD090969.D Time Analyzed: 11:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.059	7.962	8.162	50.210	50.000	0.4
Endrin	5.779	5.681	5.881	53.940	50.000	7.9
gamma-BHC (Lindane)	3.722	3.623	3.823	55.090	50.000	10.2
Heptachlor	4.073	3.975	4.175	57.640	50.000	15.3
Heptachlor epoxide	4.862	4.764	4.964	53.060	50.000	6.1
Methoxychlor	6.743	6.645	6.845	54.820	50.000	9.6
Tetrachloro-m-xylene	2.875	2.775	2.975	54.620	50.000	9.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 11:47
 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: Nov 06 00:12:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.875	166.5E6	1626.5E6	53.453	54.624
2)	SA Decachlor...	9.065	8.059	225.0E6	1521.0E6	48.091	50.213
Target Compounds							
2)	A alpha-BHC	3.994	3.386	406.1E6	2834.4E6	56.584	55.472
3)	MA gamma-BHC...	4.324	3.722	378.8E6	2603.1E6	55.719	55.093
4)	MA Heptachlor	4.922	4.073	380.0E6	2570.9E6	67.984	57.641
5)	MB Aldrin	5.263	4.359	360.9E6	2519.0E6	55.116	54.384
6)	B beta-BHC	4.511	4.018	140.7E6	1068.9E6	53.714	53.906
7)	B delta-BHC	4.760	4.254	375.7E6	2598.2E6	55.565	54.450
8)	B Heptachlo...	5.683	4.862	324.3E6	2262.6E6	56.012	53.063
9)	A Endosulfan I	6.067	5.236	301.9E6	2039.8E6	54.520	51.784
10)	B gamma-Chl...	5.939	5.115	319.2E6	2413.7E6	53.813	53.698
11)	B alpha-Chl...	6.020	5.179	335.0E6	2304.5E6	54.203	53.421
12)	B 4,4'-DDE	6.190	5.364	287.4E6	2368.2E6	53.955	54.022
13)	MA Dieldrin	6.340	5.502	323.2E6	2377.3E6	55.427	53.805
14)	MA Endrin	6.567	5.779	275.7E6	2184.3E6	55.654	53.942
15)	B Endosulfa...	6.780	6.070	276.7E6	2020.7E6	55.331	53.806
16)	A 4,4'-DDD	6.699	5.918	237.7E6	1998.6E6	58.641	54.849
17)	MA 4,4'-DDT	7.016	6.172	238.6E6	1938.9E6	58.044	55.282
18)	B Endrin al...	6.910	6.248	196.7E6	1446.6E6	53.697	52.239
19)	B Endosulfa...	7.144	6.472	250.2E6	1915.2E6	53.948	53.431
20)	A Methoxychlor	7.488	6.743	124.8E6	955.5E6	58.725	54.824
21)	B Endrin ke...	7.625	6.981	264.2E6	1936.8E6	54.380	51.351
22)	Mirex	8.107	7.174	165.1E6	1313.4E6	51.568	51.121

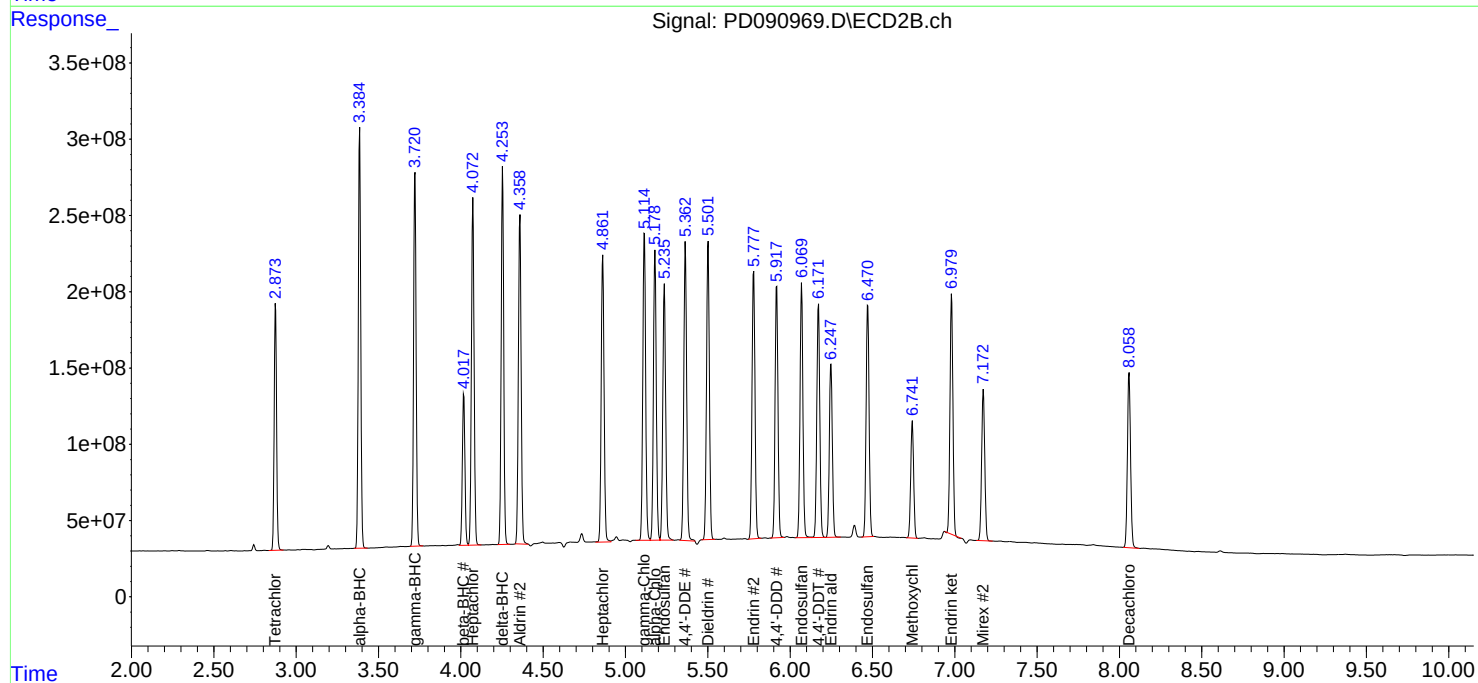
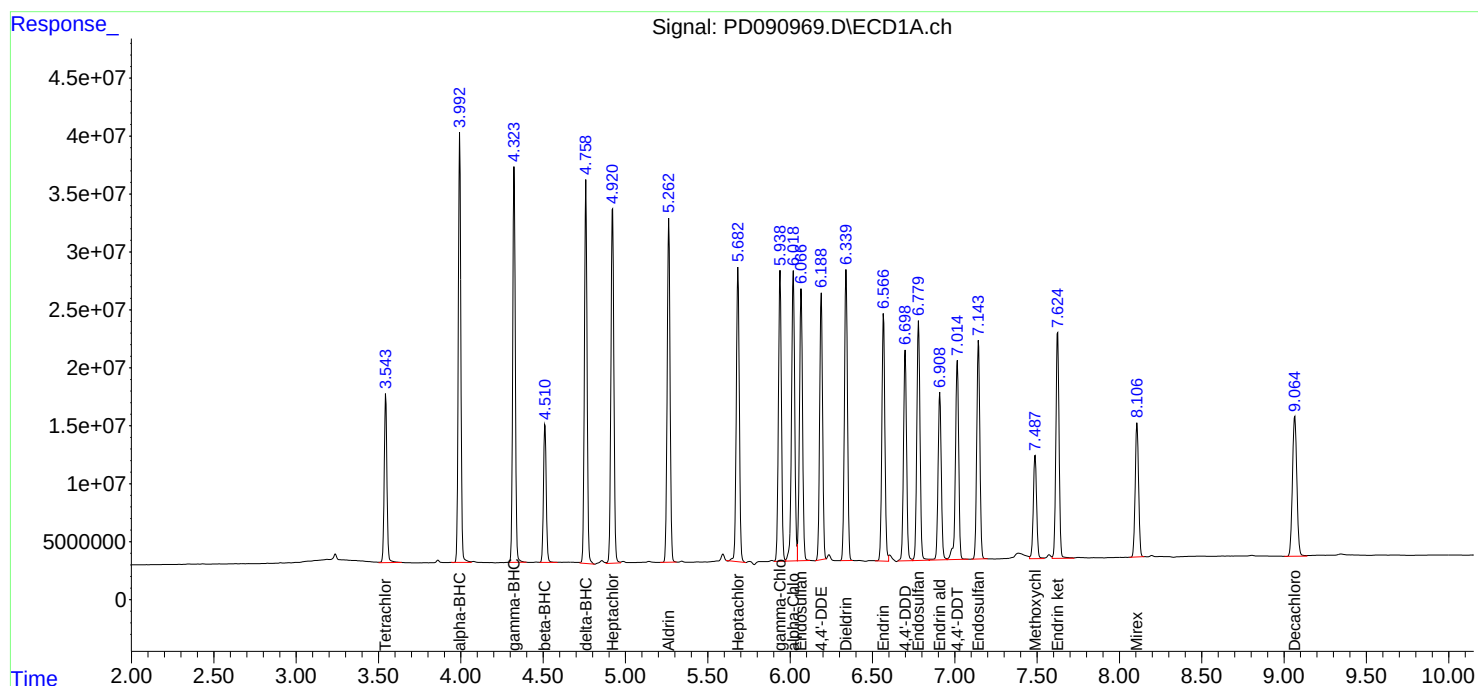
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090969.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:47
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: Nov 06 00:12:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.066	8.970	9.170	22.860	20.000	14.3
Tetrachloro-m-xylene	3.544	3.490	3.590	21.710	20.000	8.6
alpha-BHC	3.994	3.940	4.040	9.050	10.000	-9.5
beta-BHC	4.512	4.460	4.560	10.070	10.000	0.7
gamma-BHC (Lindane)	4.324	4.270	4.370	9.330	10.000	-6.7
Endrin	6.568	6.500	6.640	49.200	50.000	-1.6
4,4'-DDT	7.016	6.950	7.090	100.270	100.000	0.3
Methoxychlor	7.489	7.420	7.560	236.810	250.000	-5.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090648.D Date Analyzed: 10/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.062	7.960	8.160	21.400	20.000	7.0
Tetrachloro-m-xylene	2.875	2.820	2.930	21.220	20.000	6.1
alpha-BHC	3.386	3.340	3.440	10.300	10.000	3.0
beta-BHC	4.019	3.970	4.070	10.460	10.000	4.6
gamma-BHC (Lindane)	3.723	3.670	3.770	10.340	10.000	3.4
Endrin	5.781	5.710	5.850	47.940	50.000	-4.1
4,4'-DDT	6.174	6.100	6.240	95.670	100.000	-4.3
Methoxychlor	6.745	6.670	6.820	201.830	250.000	-19.3

PEM
 Data File: PD090648.D Date Acquired 10/17/2025 11:07
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	243728295.7	249054181.9	5325886.17	2.14
Endrin aldehyde	6.91	1372426.584			
Endrin ketone	7.63	3953459.588			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	1941282940	1991060515	49777575.7	2.50
Endrin aldehyde #2	6.25	19940698.04			
Endrin ketone #2	6.98	29836877.65			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	412144601.3	415215115.8	3070514.5	0.74
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	3070514.503			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3355351424	3394188860	38837436.1	1.14
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	38837436.09			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 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 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...	3.544	2.875	67593250	632.0E6	21.705	21.224
28)	SA Decachlor...	9.066	8.062	106.9E6	648.1E6	22.859	21.395
Target Compounds							
2)	A alpha-BHC	3.994	3.386	64971308	526.5E6	9.053	10.304
3)	MA gamma-BHC...	4.324	3.723	63399907	488.4E6	9.325	10.337
6)	B beta-BHC	4.512	4.019	26386693	207.4E6	10.073	10.459
14)	MA Endrin	6.568	5.781	243.7E6	1941.3E6	49.201	47.940
16)	A 4,4'-DDD	6.701	5.923	3070515	38837436	0.757	1.066 #
17)	MA 4,4'-DDT	7.016	6.174	412.1E6	3355.4E6	100.267	95.667
18)	B Endrin al...	6.913	6.248	1372427	19940698	0.375m	0.720 #
20)	A Methoxychlor	7.489	6.745	503.3E6	3517.5E6	236.805	201.834
21)	B Endrin ke...	7.625	6.981	3953460	29836878	0.814	0.791m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:07
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

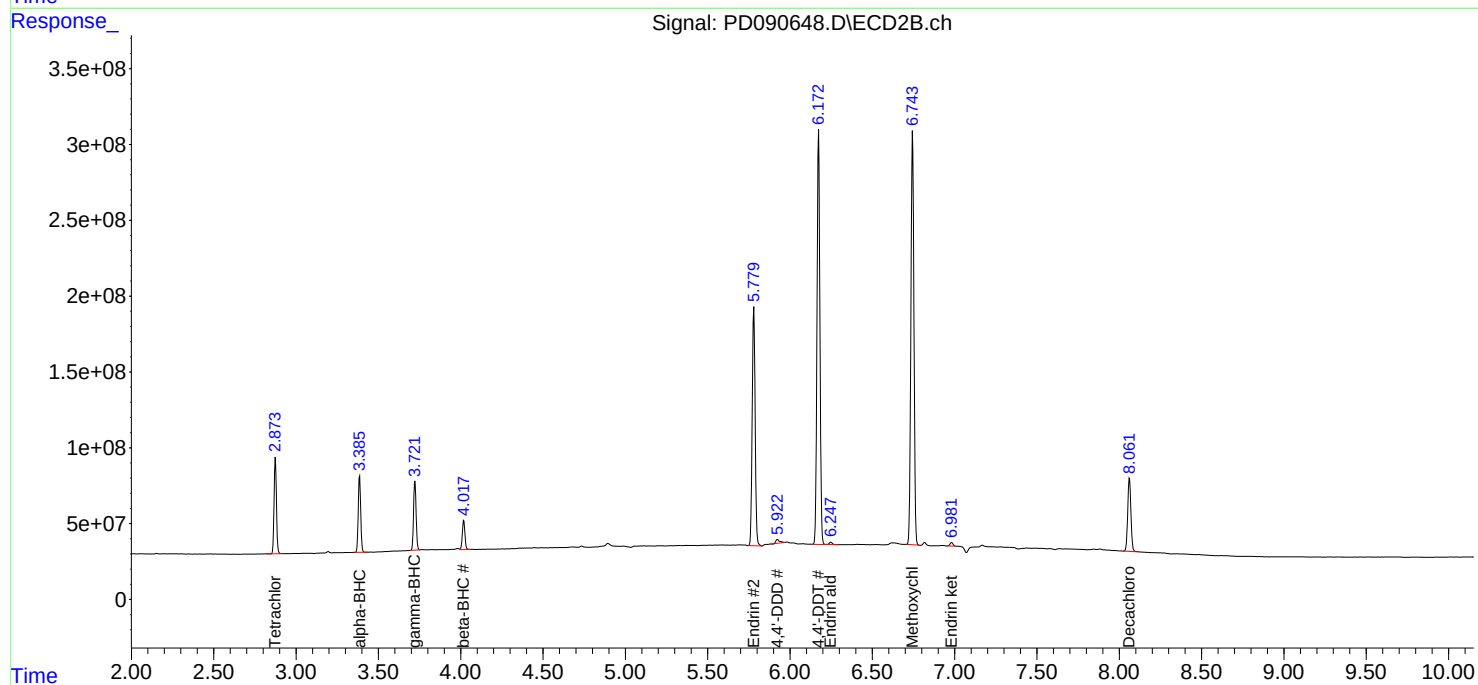
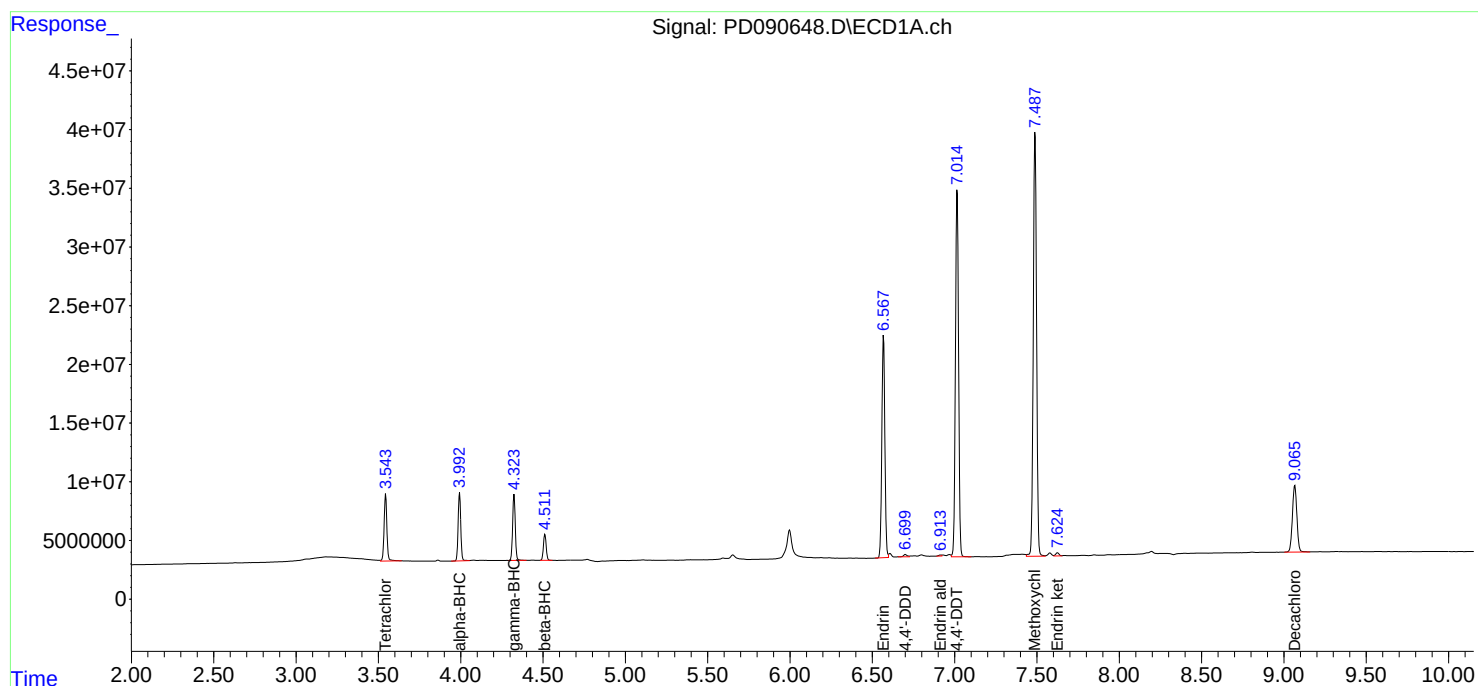
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090936.D Date Analyzed: 11/04/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:31

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.062	8.960	9.160	23.370	20.000	16.9
Tetrachloro-m-xylene	3.544	3.490	3.590	21.440	20.000	7.2
alpha-BHC	3.993	3.940	4.040	9.090	10.000	-9.1
beta-BHC	4.511	4.460	4.560	10.360	10.000	3.6
gamma-BHC (Lindane)	4.323	4.270	4.370	9.370	10.000	-6.3
Endrin	6.567	6.500	6.640	51.370	50.000	2.7
4,4'-DDT	7.014	6.940	7.080	113.560	100.000	13.6
Methoxychlor	7.486	7.420	7.560	265.030	250.000	6.0

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090936.D Date Analyzed: 11/04/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:31

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.058	7.960	8.160	28.070	20.000	40.4
Tetrachloro-m-xylene	2.874	2.820	2.920	22.970	20.000	14.9
alpha-BHC	3.385	3.330	3.440	11.220	10.000	12.2
beta-BHC	4.017	3.970	4.070	11.500	10.000	15.0
gamma-BHC (Lindane)	3.721	3.670	3.770	11.340	10.000	13.4
Endrin	5.778	5.710	5.850	52.670	50.000	5.3
4,4'-DDT	6.172	6.100	6.240	117.630	100.000	17.6
Methoxychlor	6.742	6.670	6.810	233.260	250.000	-6.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 09:31
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:02:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	66781469	684.0E6	21.444	22.969
28)	SA Decachlor...	9.062	8.058	109.3E6	850.3E6	23.375	28.070
Target Compounds							
2)	A alpha-BHC	3.993	3.385	65215425	573.4E6	9.087	11.221
3)	MA gamma-BHC...	4.323	3.721	63673057	535.8E6	9.365	11.339
6)	B beta-BHC	4.511	4.017	27141679	228.1E6	10.361	11.502
14)	MA Endrin	6.567	5.778	254.5E6	2132.7E6	51.367	52.668
16)	A 4,4'-DDD	6.698	5.920	2321454	24436154	0.573	0.671
17)	MA 4,4'-DDT	7.014	6.172	466.8E6	4125.8E6	113.561	117.634
18)	B Endrin al...	6.910	6.245	903173	24347090	0.247	0.879 #
20)	A Methoxychlor	7.486	6.742	563.3E6	4065.2E6	265.032	233.260
21)	B Endrin ke...	7.623	6.979	3759536	32715635	0.774	0.867

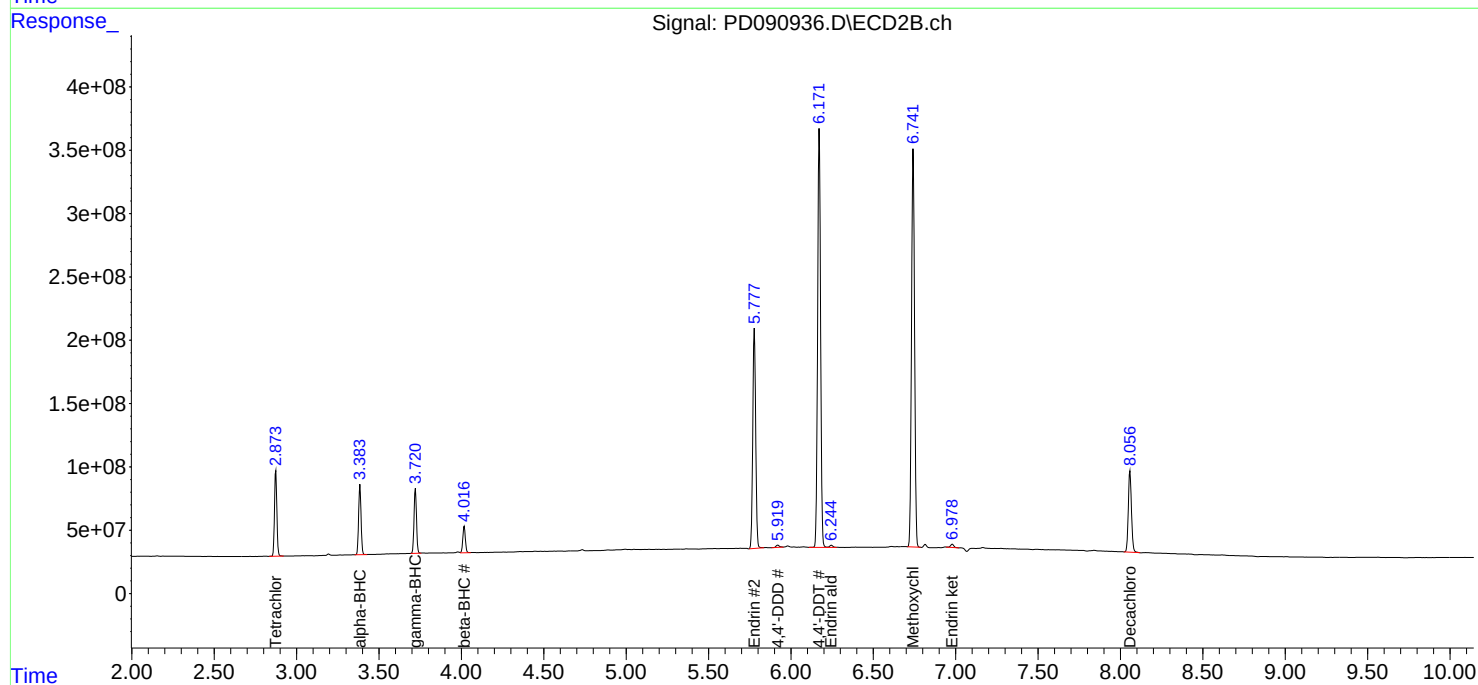
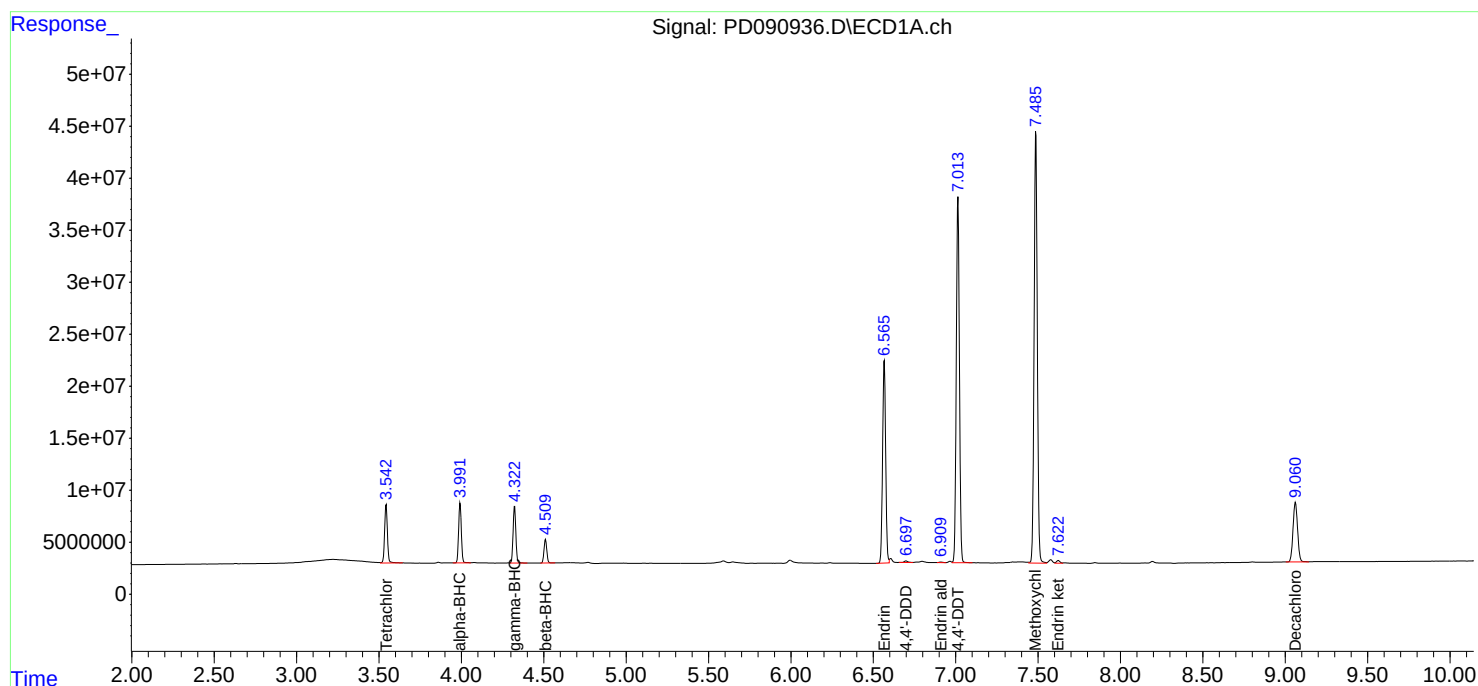
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:02:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090960.D Date Analyzed: 11/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:34

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.064	8.960	9.160	20.720	20.000	3.6
Tetrachloro-m-xylene	3.544	3.490	3.590	21.860	20.000	9.3
alpha-BHC	3.993	3.940	4.040	9.340	10.000	-6.6
beta-BHC	4.511	4.460	4.560	10.520	10.000	5.2
gamma-BHC (Lindane)	4.324	4.270	4.370	9.550	10.000	-4.5
Endrin	6.567	6.500	6.640	51.240	50.000	2.5
4,4'-DDT	7.014	6.940	7.080	106.360	100.000	6.4
Methoxychlor	7.487	7.420	7.560	244.880	250.000	-2.0

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/17/2025 10/17/2025

Client Sample No. (PEM): PEM - PD090960.D Date Analyzed: 11/05/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:34

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.059	7.960	8.160	21.390	20.000	7.0
Tetrachloro-m-xylene	2.874	2.820	2.920	22.540	20.000	12.7
alpha-BHC	3.386	3.340	3.440	11.010	10.000	10.1
beta-BHC	4.017	3.970	4.070	11.260	10.000	12.6
gamma-BHC (Lindane)	3.722	3.670	3.770	11.060	10.000	10.6
Endrin	5.778	5.710	5.850	50.520	50.000	1.0
4,4'-DDT	6.171	6.100	6.240	106.090	100.000	6.1
Methoxychlor	6.742	6.670	6.810	211.670	250.000	-15.3

Data File: PEM
 Operator: PD090960.D Date Acquired 11/5/2025 9:34
 AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	253842480.1	260776141	6933660.9	2.66
Endrin aldehyde	6.91	1654200.698			
Endrin ketone	7.62	5279460.198			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	2045856758	2115943889	70087131.8	3.31
Endrin aldehyde #2	6.25	28952420.92			
Endrin ketone #2	6.98	41134710.93			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.01	437206868.4	448485469.3	11278600.9	2.51
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	11278600.9			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	3720789661	3833030932	112241271	2.93
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	112241271.2			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
 Data File : PD090960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2025 09:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:11:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	68088528	671.3E6	21.864	22.544
28)	SA Decachlor...	9.064	8.059	96941133	647.8E6	20.723	21.387
Target Compounds							
2)	A alpha-BHC	3.993	3.386	67062252	562.6E6	9.344	11.011
3)	MA gamma-BHC...	4.324	3.722	64959730	522.4E6	9.555	11.056
6)	B beta-BHC	4.511	4.017	27570777	223.3E6	10.525	11.261
14)	MA Endrin	6.567	5.778	253.8E6	2045.9E6	51.243	50.523
16)	A 4,4'-DDD	6.698	5.919	11278601	112.2E6	2.782	3.080
17)	MA 4,4'-DDT	7.014	6.171	437.2E6	3720.8E6	106.364	106.087
18)	B Endrin al...	6.910	6.245	1654201	28952421	0.452	1.045 #
20)	A Methoxychlor	7.487	6.742	520.5E6	3689.0E6	244.885	211.673
21)	B Endrin ke...	7.624	6.980	5279460	41134711	1.087	1.091

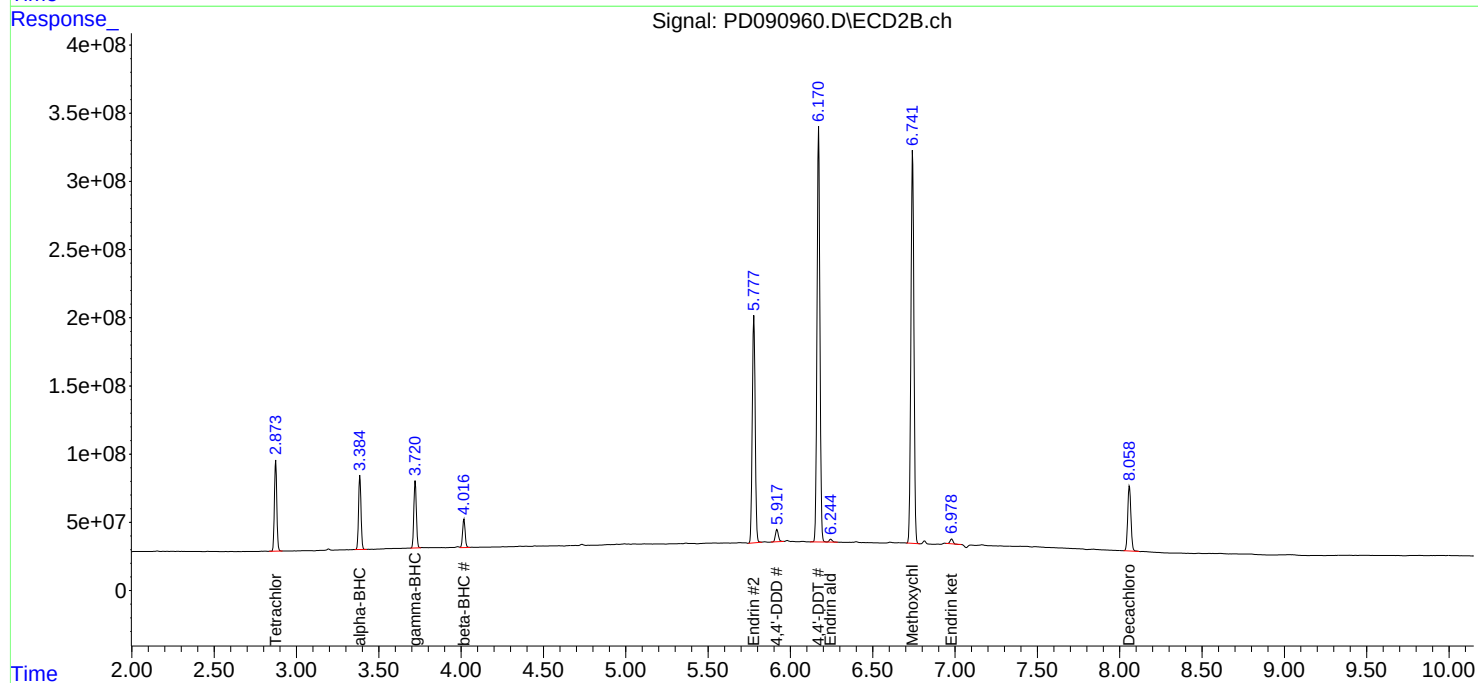
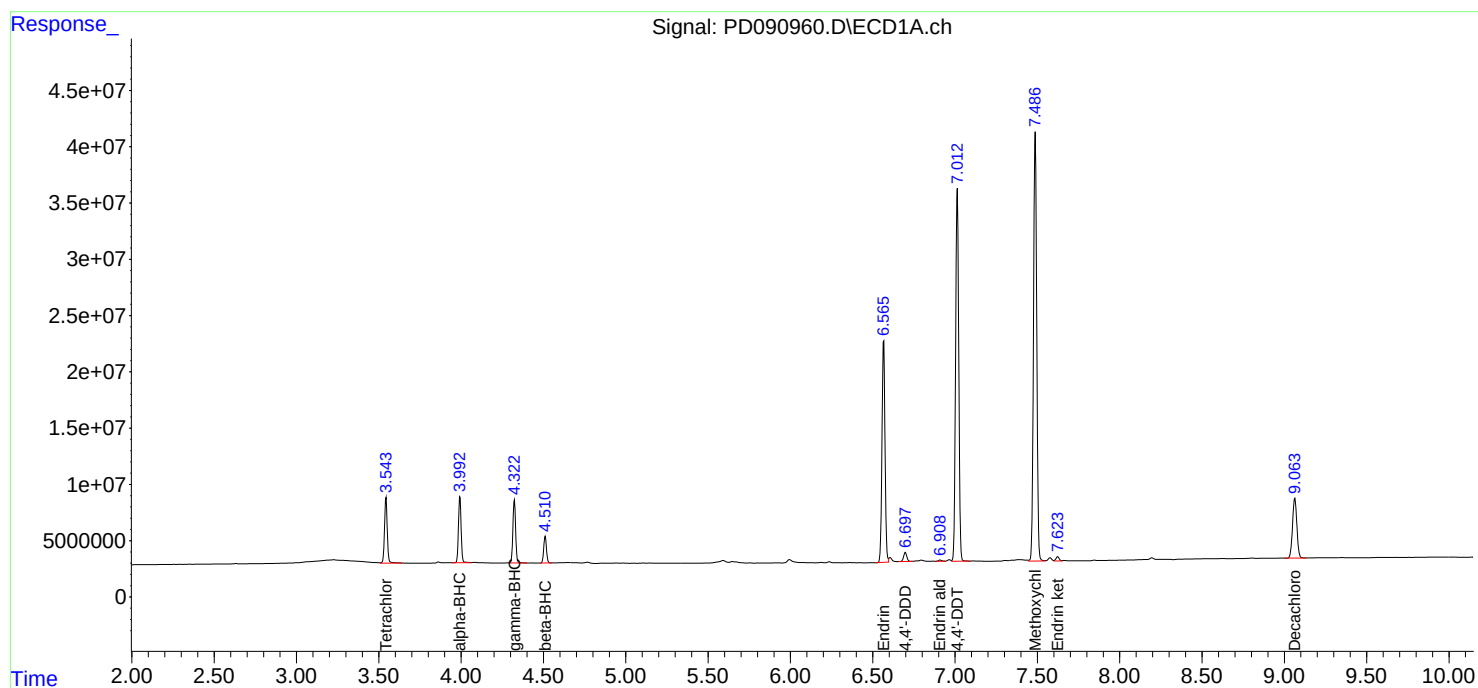
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Acq On : 17 Oct 2025 11:20
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\PD101725.M
Title : GC Extractables
Last Update : Fri Oct 17 17:43:28 2025
Integrator: ChemStation

RT#1	RT#2	Resolution
3.544	5.940	100.00%
5.940	6.068	100.00%
6.068	6.190	100.00%
6.190	6.341	100.00%
6.341	7.144	100.00%
7.144	7.488	100.00%
7.488	7.625	100.00%
7.625	9.066	100.00%

Signal #2

2.874	5.116	100.00%
5.116	5.238	100.00%
5.238	5.366	100.00%
5.366	5.503	100.00%
5.503	6.474	100.00%
6.474	6.745	100.00%
6.745	6.983	100.00%
6.983	8.062	100.00%

PD101725.M Sat Oct 25 06:10:53 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:20
 Operator : AR\AJ
 Sample : RESCHK
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/19/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 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 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...	3.543	2.874	55125186	545.1E6	17.701m	18.307
28)	SA Decachlor...	9.066	8.062	88858238	547.9E6	18.995	18.088
Target Compounds							
9)	A Endosulfan I	6.068	5.238	43926319	330.7E6	7.934	8.397
10)	B gamma-Chl...	5.940	5.116	47696248	387.3E6	8.042	8.616
12)	B 4,4'-DDE	6.190	5.366	86477351	754.1E6	16.235	17.202
13)	MA Dieldrin	6.341	5.503	92552800	748.0E6	15.872	16.930
19)	B Endosulfa...	7.144	6.474	76754913	612.1E6	16.548	17.078
20)	A Methoxychlor	7.488	6.745	169.7E6	1331.6E6	79.844	76.409
21)	B Endrin ke...	7.625	6.983	80182457	638.1E6	16.502	16.917

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

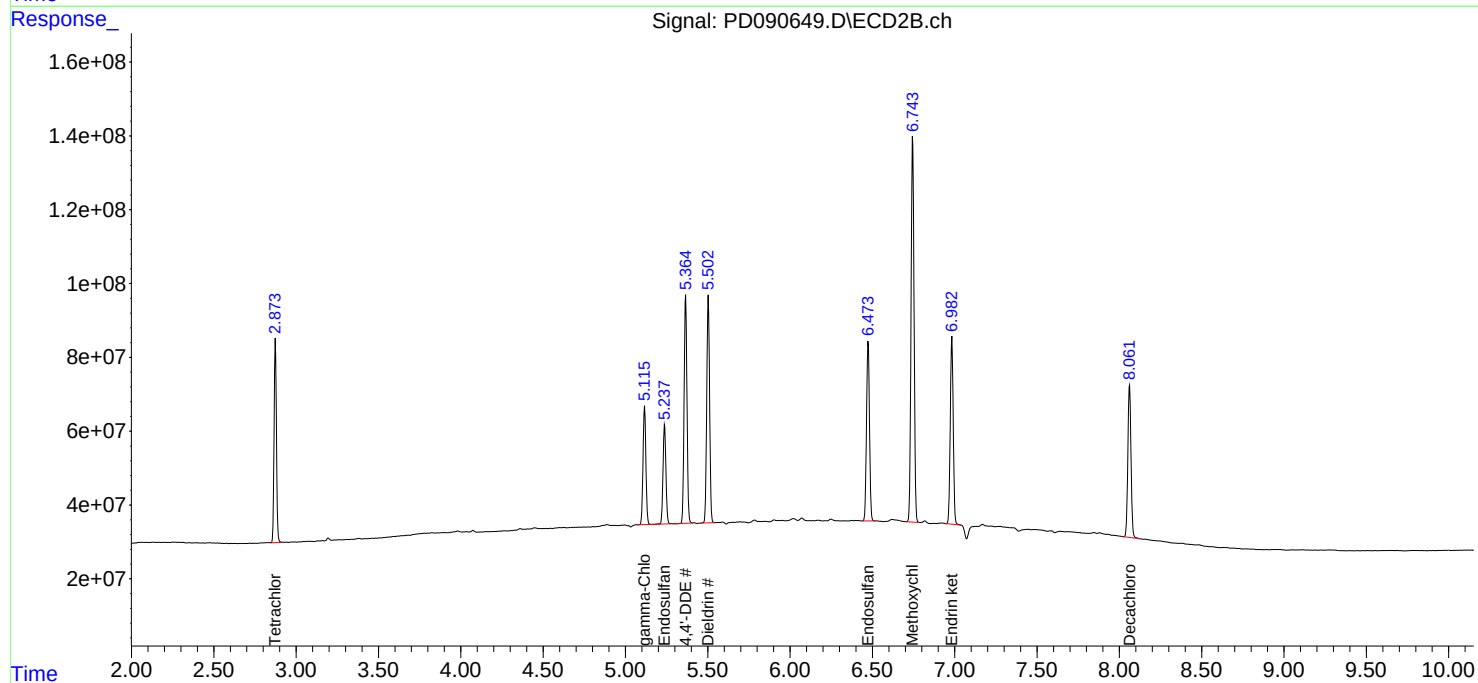
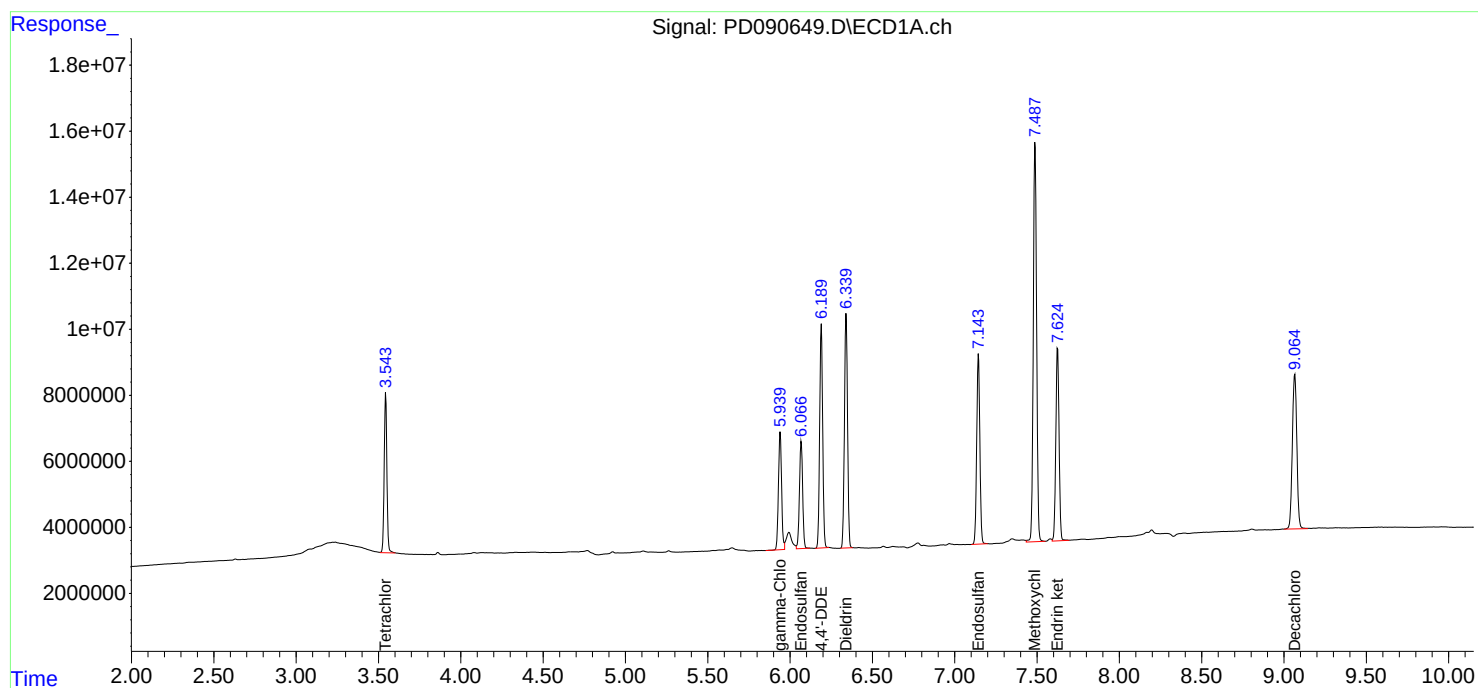
Instrument :
ECD_D
ClientSampleId :
RESCHK

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/19/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Analytical Sequence

Client: Aramark Uniforms

SDG No.: Q3368

Project: Monthly 2025

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/17/2025 10/17/2025

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 #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICCC005	PSTDICCC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
IBLK	IBLK	11/04/2025	09:17	PD090935.D	9.06	3.54
PEM	PEM	11/04/2025	09:31	PD090936.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/04/2025	09:45	PD090937.D	9.06	3.54
OUTSIDE-DUMPSTER	Q3368-06	11/04/2025	11:39	PD090944.D	9.06	3.54
OUTSIDE-DUMPSTERMS	Q3368-06MS	11/04/2025	11:53	PD090945.D	9.06	3.54
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	11/04/2025	12:06	PD090946.D	9.06	3.54
PRESS-SLUDGE	Q3368-07	11/04/2025	12:22	PD090947.D	9.07	3.55
IBLK	IBLK	11/04/2025	12:35	PD090948.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/04/2025	13:29	PD090949.D	9.07	3.55
PB170387BS	PB170387BS	11/04/2025	15:41	PD090953.D	9.07	3.55
PB170387BL	PB170387BL	11/04/2025	16:03	PD090954.D	9.07	3.55
PB170172TB	PB170172TB	11/04/2025	16:17	PD090955.D	9.07	3.54
IBLK	IBLK	11/04/2025	16:31	PD090956.D	9.06	3.55
PSTDCCC050	PSTDCCC050	11/04/2025	16:44	PD090957.D	9.06	3.54
IBLK	IBLK	11/05/2025	09:20	PD090959.D	9.06	3.54
PEM	PEM	11/05/2025	09:34	PD090960.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/05/2025	09:47	PD090961.D	9.06	3.54
OUTSIDE-DUMPSTERRE	Q3368-06RE	11/05/2025	10:39	PD090964.D	9.06	3.54
PRESS-SLUDGERE	Q3368-07RE	11/05/2025	11:20	PD090967.D	9.06	3.55
IBLK	IBLK	11/05/2025	11:34	PD090968.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/05/2025	11:47	PD090969.D	9.07	3.54

Analytical Sequence

Client: Aramark Uniforms

SDG No.: Q3368

Project: Monthly 2025

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 10/17/2025 10/17/2025

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 #
IBLK	IBLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICCC005	PSTDICCC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	8.06	2.88
IBLK	IBLK	11/04/2025	09:17	PD090935.D	8.06	2.87
PEM	PEM	11/04/2025	09:31	PD090936.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/04/2025	09:45	PD090937.D	8.06	2.87
OUTSIDE-DUMPSTER	Q3368-06	11/04/2025	11:39	PD090944.D	8.06	2.87
OUTSIDE-DUMPSTERMS	Q3368-06MS	11/04/2025	11:53	PD090945.D	8.06	2.87
OUTSIDE-DUMPSTERMSD	Q3368-06MSD	11/04/2025	12:06	PD090946.D	8.06	2.87
PRESS-SLUDGE	Q3368-07	11/04/2025	12:22	PD090947.D	8.06	2.88
IBLK	IBLK	11/04/2025	12:35	PD090948.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/04/2025	13:29	PD090949.D	8.06	2.87
PB170387BS	PB170387BS	11/04/2025	15:41	PD090953.D	8.06	2.87
PB170387BL	PB170387BL	11/04/2025	16:03	PD090954.D	8.06	2.87
PB170172TB	PB170172TB	11/04/2025	16:17	PD090955.D	8.06	2.87
IBLK	IBLK	11/04/2025	16:31	PD090956.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/04/2025	16:44	PD090957.D	8.06	2.87
IBLK	IBLK	11/05/2025	09:20	PD090959.D	8.06	2.87
PEM	PEM	11/05/2025	09:34	PD090960.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/05/2025	09:47	PD090961.D	8.06	2.87
OUTSIDE-DUMPSTERRE	Q3368-06RE	11/05/2025	10:39	PD090964.D	8.06	2.87
PRESS-SLUDGERE	Q3368-07RE	11/05/2025	11:20	PD090967.D	8.06	2.88
IBLK	IBLK	11/05/2025	11:34	PD090968.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/05/2025	11:47	PD090969.D	8.06	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OUTSIDE-DUMPSTERMS

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Lab Sample ID: Q3368-06MS

Date(s) Analyzed: 11/04/2025 11/04/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	3.60	32.3
	2	6.74	6.69	6.79	2.60	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	4.10	2.5
	2	3.72	3.67	3.77	4.00	
Heptachlor	1	4.92	4.87	4.97	4.70	16.1
	2	4.07	4.02	4.12	4.00	
Heptachlor epoxide	1	5.68	5.63	5.73	3.60	8.7
	2	4.86	4.81	4.91	3.30	
Endrin	1	6.57	6.52	6.62	3.40	15.9
	2	5.78	5.73	5.83	2.90	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

OUTSIDE-DUMPSTERMSD

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Lab Sample ID: Q3368-06MSD

Date(s) Analyzed: 11/04/2025 11/04/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	3.70	24.2
	2	6.74	6.69	6.79	2.90	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	4.30	4.8
	2	3.72	3.67	3.77	4.10	
Heptachlor	1	4.92	4.87	4.97	4.90	15.4
	2	4.07	4.02	4.12	4.20	
Heptachlor epoxide	1	5.68	5.63	5.73	3.80	8.2
	2	4.86	4.81	4.91	3.50	
Endrin	1	6.57	6.52	6.62	3.60	14.9
	2	5.78	5.73	5.83	3.10	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170387BS

Lab Name: Alliance

Contract: ARAM01

Lab Code: ACE

SDG NO.: Q3368

Lab Sample ID: PB170387BS

Date(s) Analyzed: 11/04/2025 11/04/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin	1	6.57	6.52	6.62	0.49	1.3
	2	5.78	5.73	5.83	0.50	
Methoxychlor	1	7.49	7.44	7.54	0.50	5.2
	2	6.74	6.69	6.79	0.48	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.51	1.5
	2	3.72	3.67	3.77	0.50	
Heptachlor	1	4.93	4.88	4.98	0.62	17.2
	2	4.07	4.02	4.12	0.52	
Heptachlor epoxide	1	5.69	5.64	5.74	0.51	3.5
	2	4.86	4.81	4.91	0.49	



QC SAMPLE DATA

Report of Analysis

Client: Aramark Uniforms	Date Collected:	
Project: Monthly 2025	Date Received:	
Client Sample ID: PB170387BL	SDG No.:	Q3368
Lab Sample ID: PB170387BL	Matrix:	TCLP
Analytical Method: 8081B	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	TCLP Pesticide
Prep Method: 3510C	Final Vol: 10000 uL	
	Prep Date: 11/03/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25 16:03	PB170387
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25 16:03	PB170387
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25 16:03	PB170387
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25 16:03	PB170387
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25 16:03	PB170387
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25 16:03	PB170387
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/04/25 16:03	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.9			57 - 171	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.9			61 - 148	100%	SPK: 20		

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\PD110425\
Data File : PD090954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:03
Operator : AR\AJ
Sample : PB170387BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170387BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.874	59019753	592.6E6	18.952	19.901
28)	SA Decachlor...	9.073	8.061	88568272	518.9E6	18.933	17.132

Target Compounds

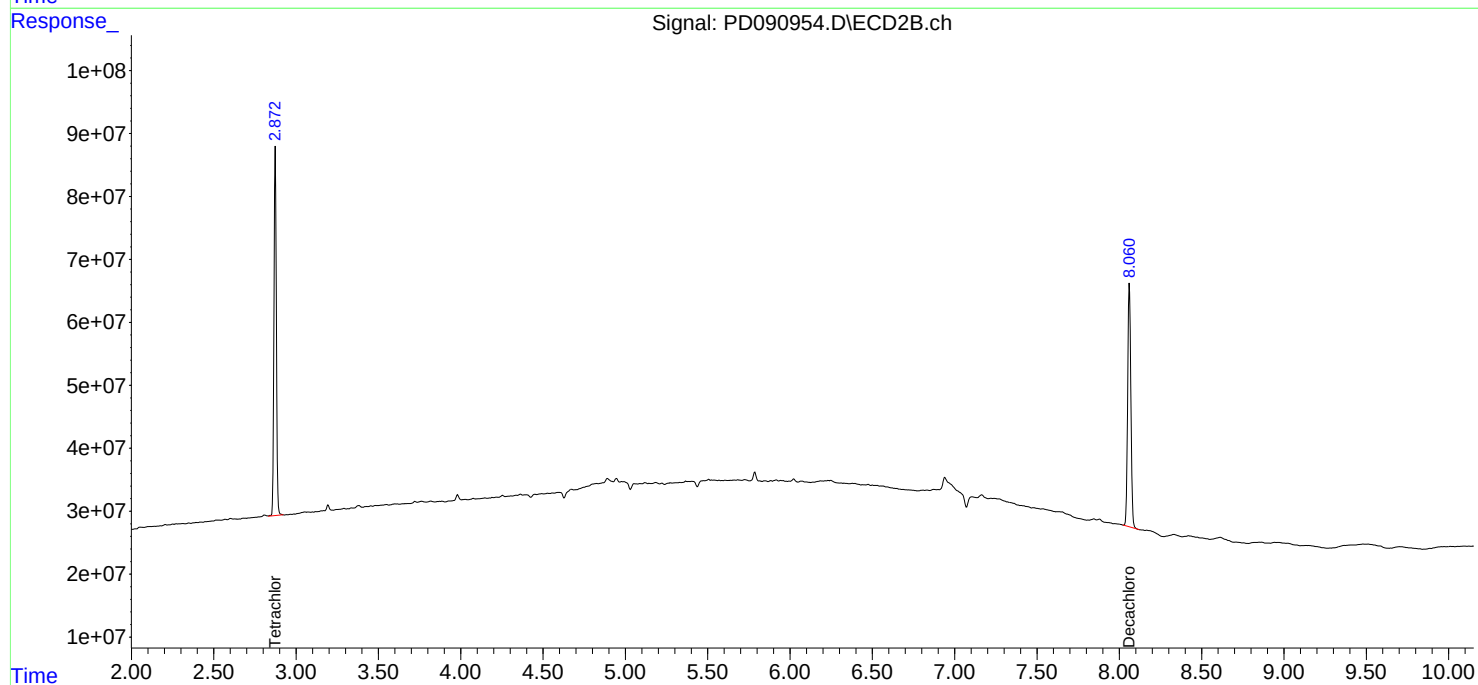
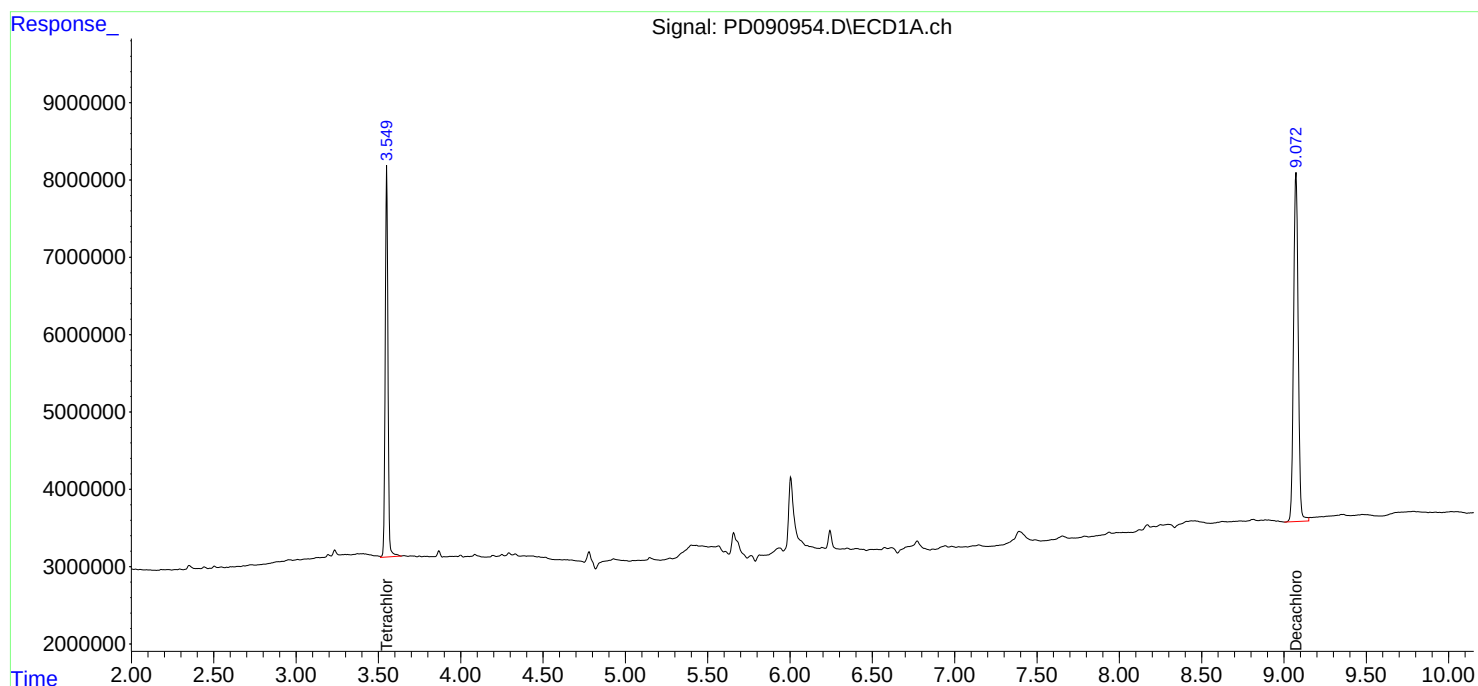
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:03
Operator : AR\AJ
Sample : PB170387BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

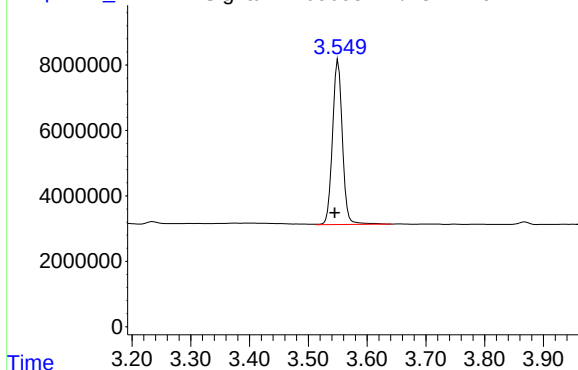
Instrument :
ECD_D
ClientSampleId :
PB170387BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:33:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PD090954.D\ECD1A.ch

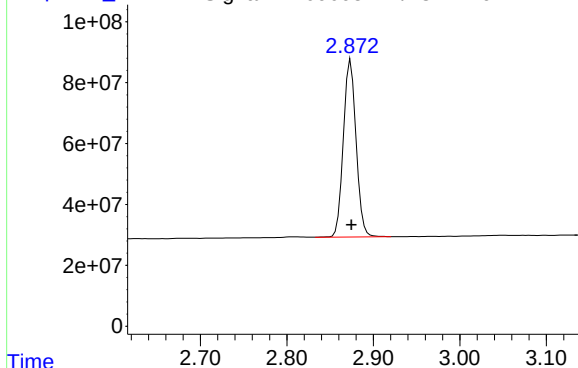


#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.006 min
Response: 59019753
Conc: 18.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170387BL

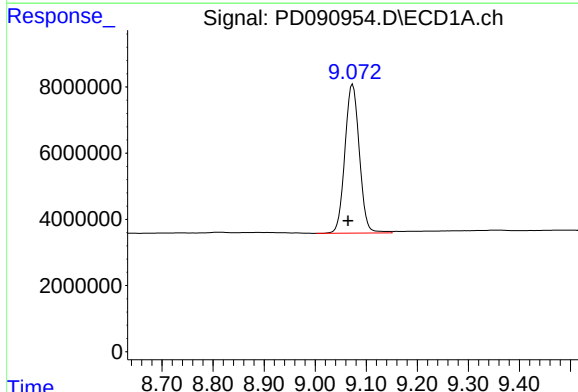
Response_ Signal: PD090954.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 592593248
Conc: 19.90 ng/ml

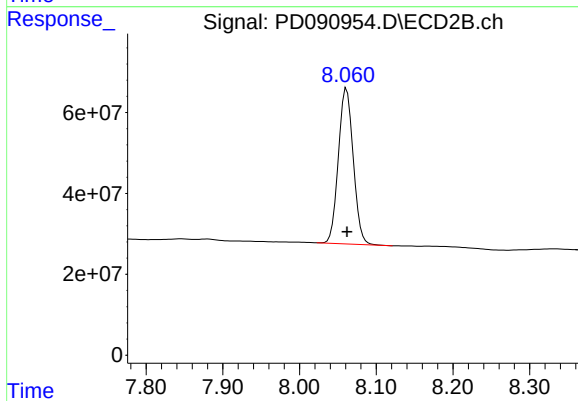
Response_ Signal: PD090954.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.009 min
Response: 88568272
Conc: 18.93 ng/ml

Response_ Signal: PD090954.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 518943600
Conc: 17.13 ng/ml



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	10/17/25
Project:	Monthly 2025		Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D		SDG No.:	Q3368
Lab Sample ID:	I.BLK-PD090647.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			57 - 171	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

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\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
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: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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 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...	3.545	2.875	60526543	594.5E6	19.436	19.964
28)	SA Decachlor...	9.066	8.062	99514776	616.2E6	21.273	20.342

Target Compounds

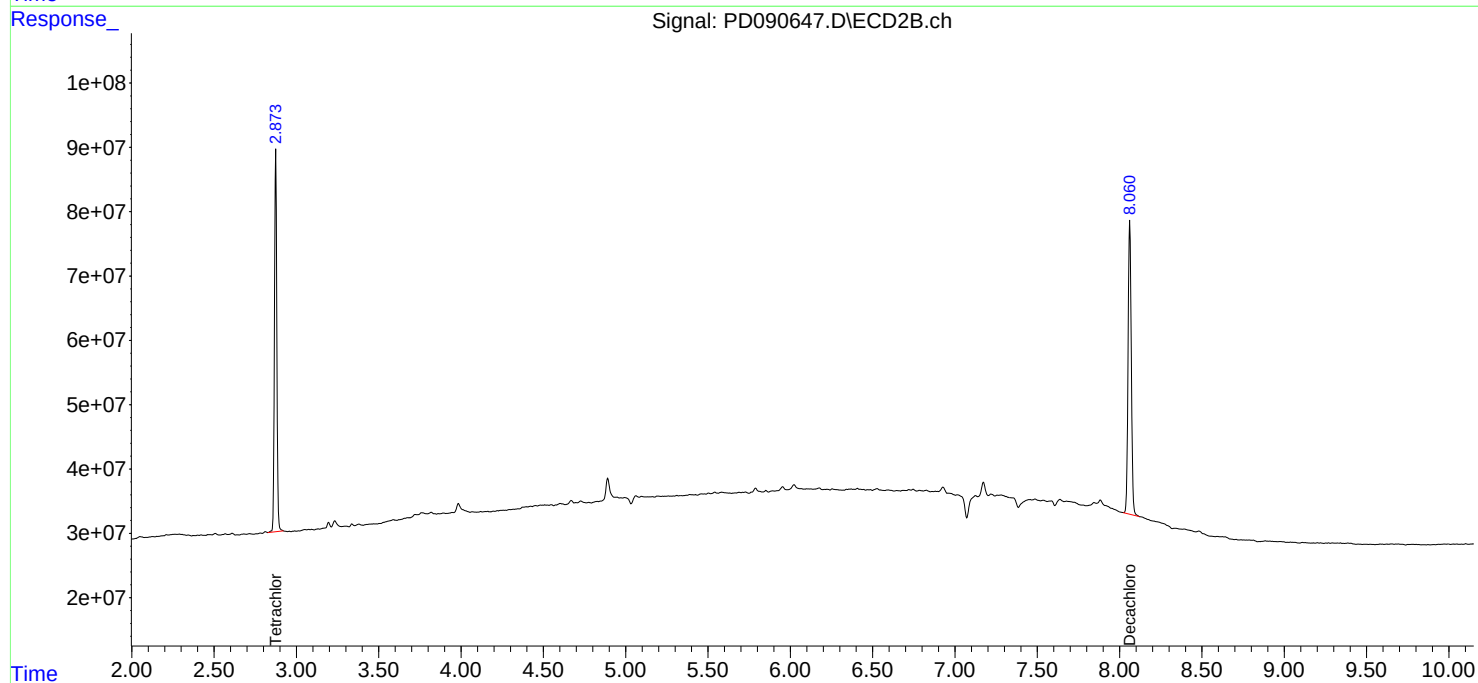
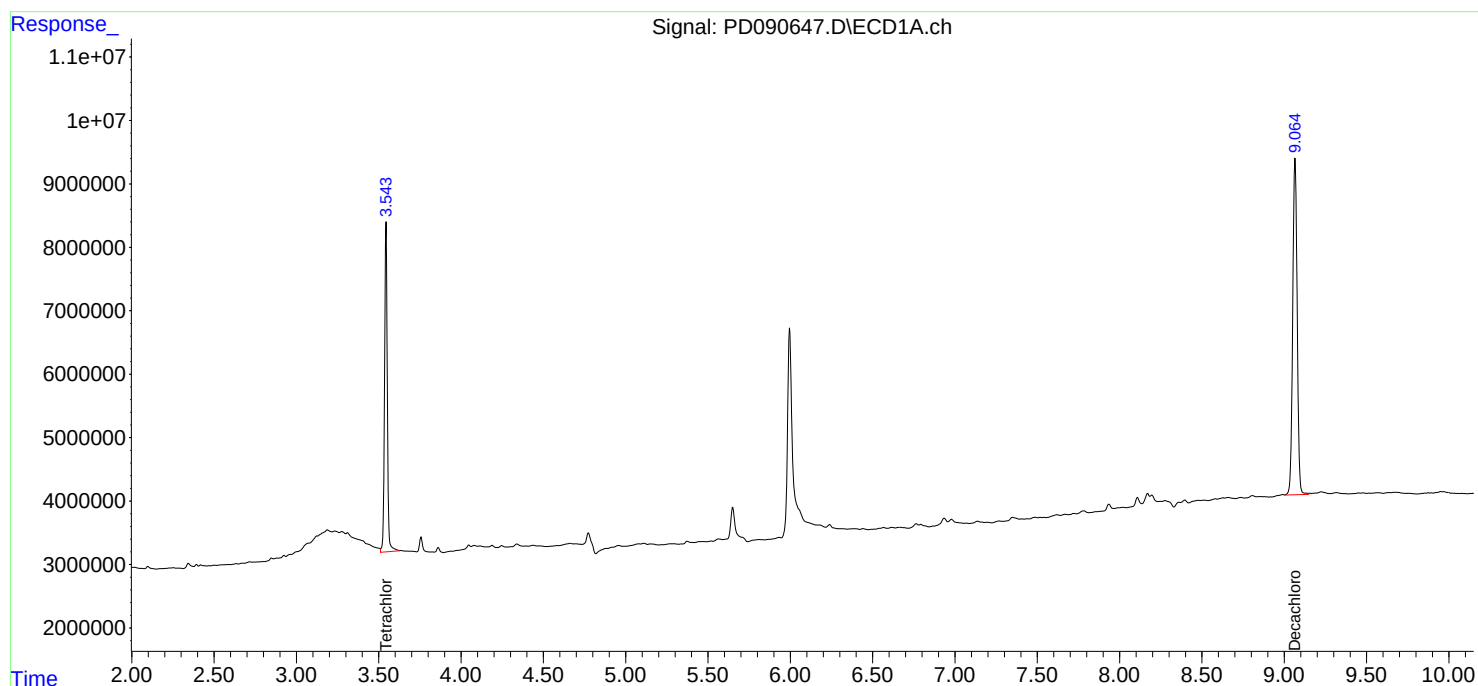
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

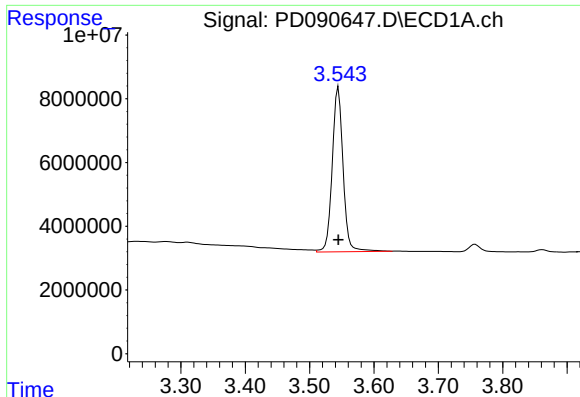
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 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 x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

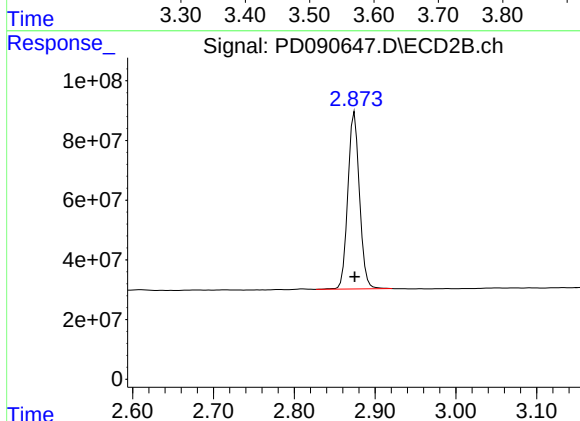




#1 Tetrachloro-m-xylene

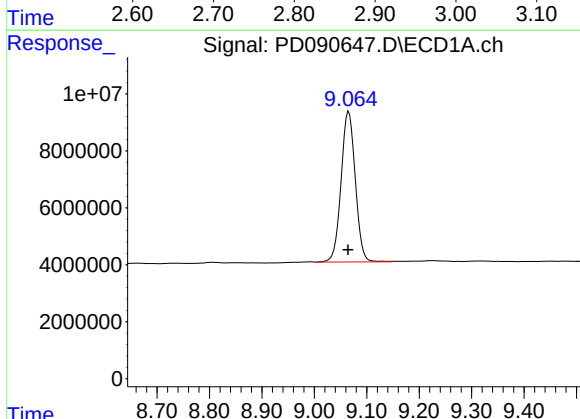
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60526543
Conc: 19.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



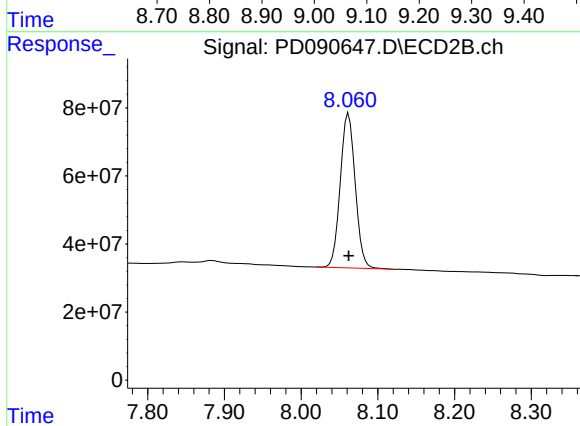
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 594475365
Conc: 19.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 99514776
Conc: 21.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 616188932
Conc: 20.34 ng/ml



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	11/04/25
Project:	Monthly 2025		Date Received:	11/04/25
Client Sample ID:	PIBLK-PD090935.D		SDG No.:	Q3368
Lab Sample ID:	I.BLK-PD090935.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	Pd110425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25	Pd110425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25	Pd110425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25	Pd110425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25	Pd110425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25	Pd110425
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/04/25	Pd110425
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.1			57 - 171	130%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.2			61 - 148	106%	SPK: 20		

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\PD110425\
Data File : PD090935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:17
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: Nov 04 11:02:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	60037617	630.2E6	19.279	21.164
28)	SA Decachlor...	9.064	8.059	101.7E6	790.1E6	21.748	26.084

Target Compounds

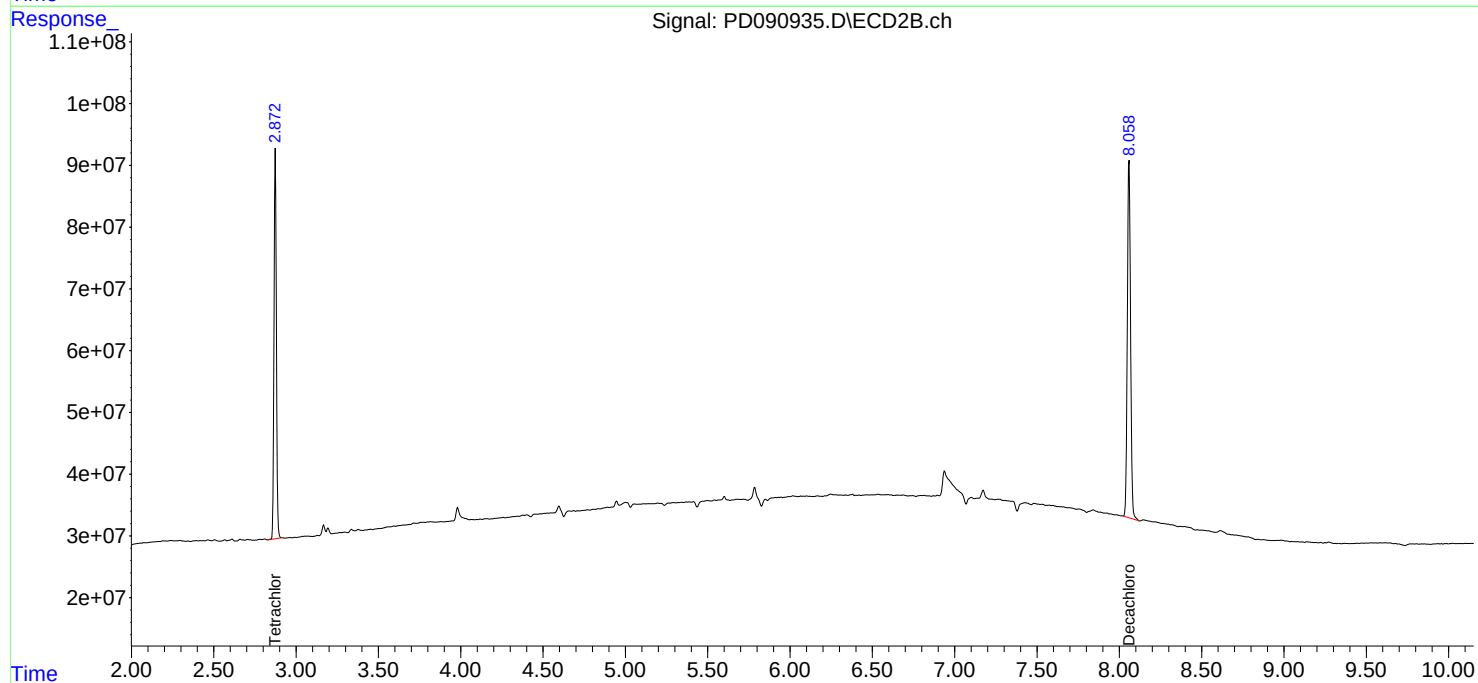
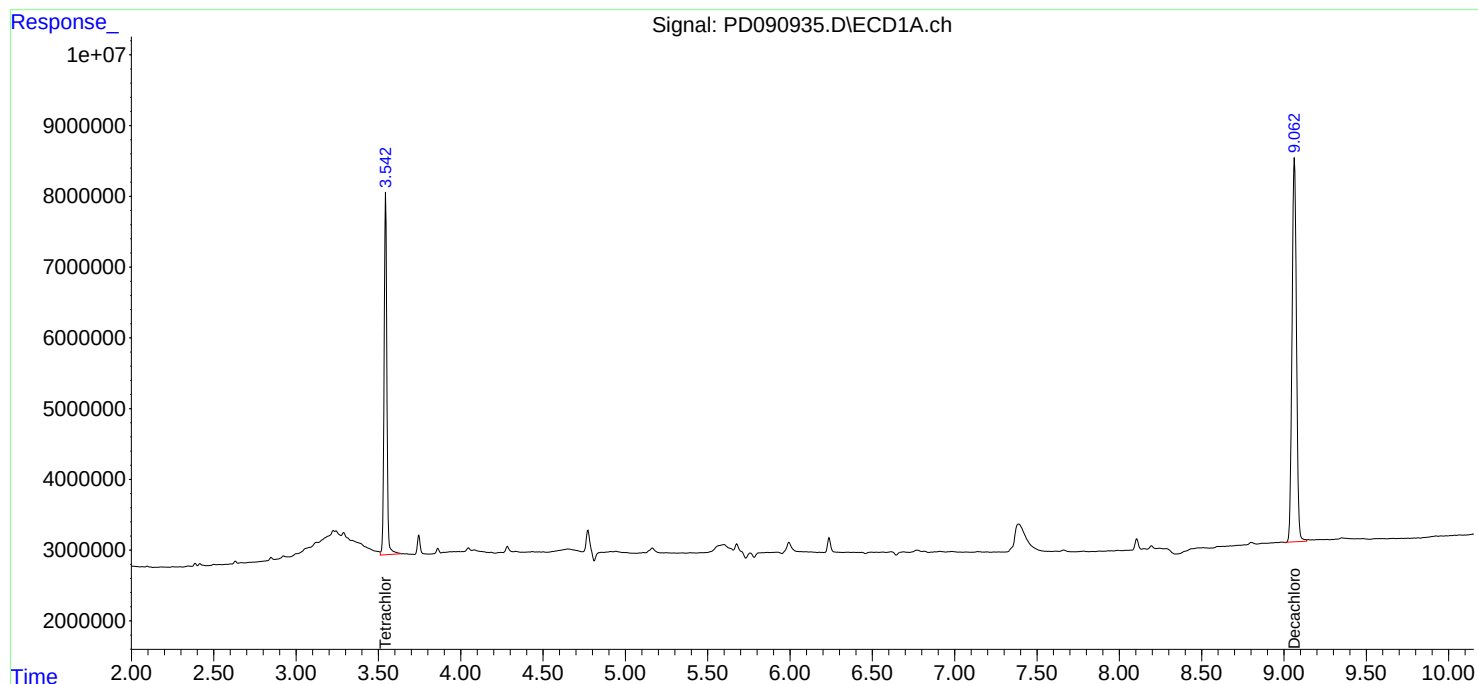
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

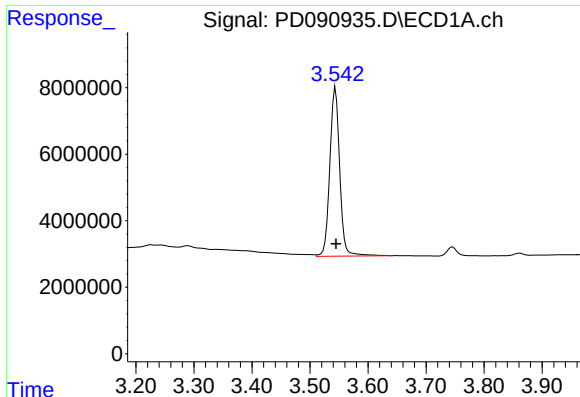
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 09:17
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 11:02:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

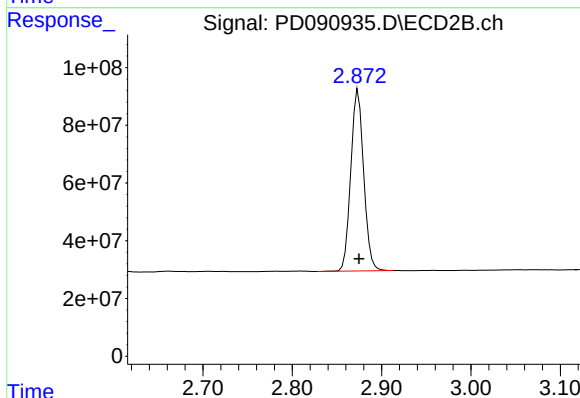




#1 Tetrachloro-m-xylene

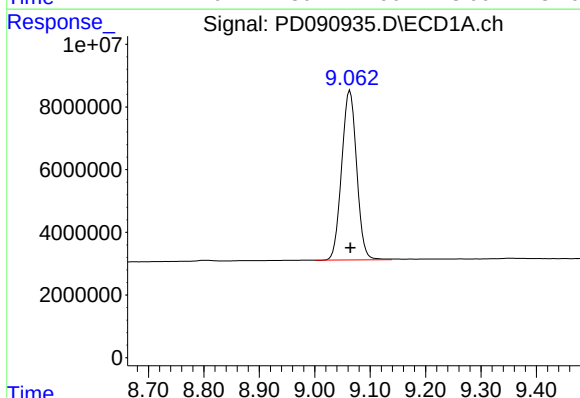
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 60037617
Conc: 19.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



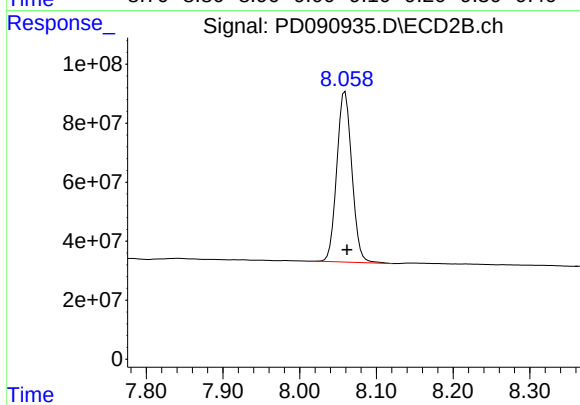
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 630196254
Conc: 21.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 101738602
Conc: 21.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 790106532
Conc: 26.08 ng/ml

Report of Analysis

Client: Aramark Uniforms	Date Collected: 11/04/25	
Project: Monthly 2025	Date Received: 11/04/25	
Client Sample ID: PIBLK-PD090948.D	SDG No.: Q3368	
Lab Sample ID: I.BLK-PD090948.D	Matrix: TCLP	
Analytical Method: 8081B	% Solid: 0	
Sample Wt/Vol: 1000 mL	Test: TCLP Pesticide	Final Vol: 10000 uL
Prep Method: 3510C		Prep Date:

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25	pd110425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25	pd110425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25	pd110425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25	pd110425
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/04/25	pd110425
SURROGATES									
2051-24-3	Decachlorobiphenyl	17.7			57 - 171	89%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.9			61 - 148	99%	SPK: 20		

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\PD110425\
Data File : PD090948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:32:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	59808368	591.2E6	19.205	19.854
28)	SA Decachlor...	9.064	8.059	82960760	391.2E6	17.734	12.916 #

Target Compounds

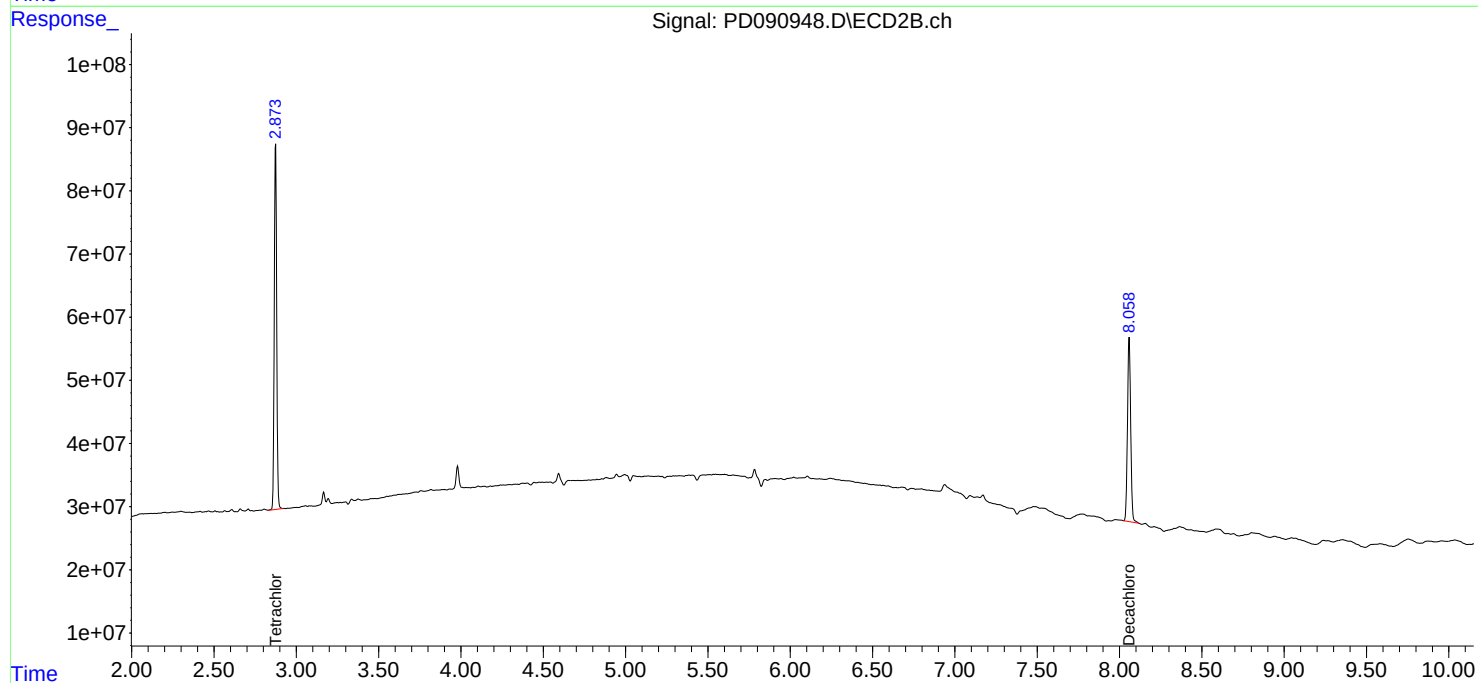
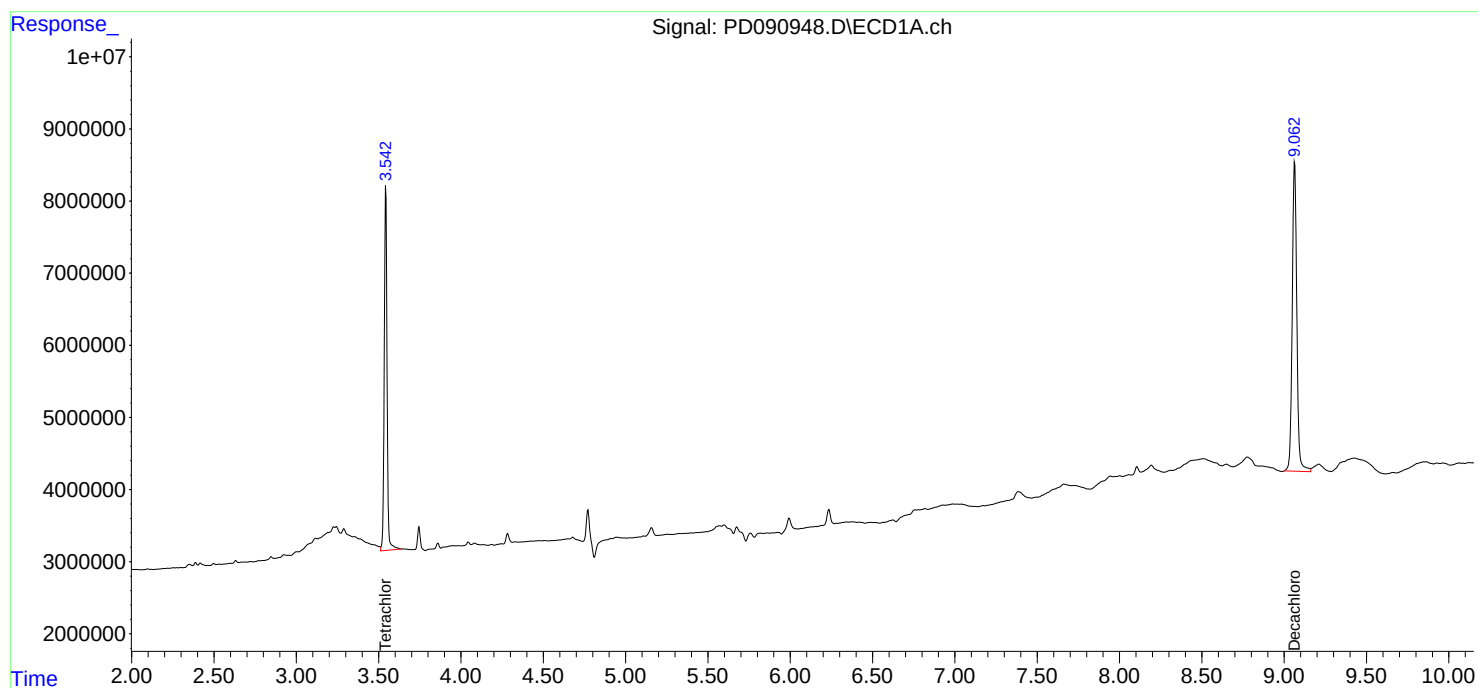
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

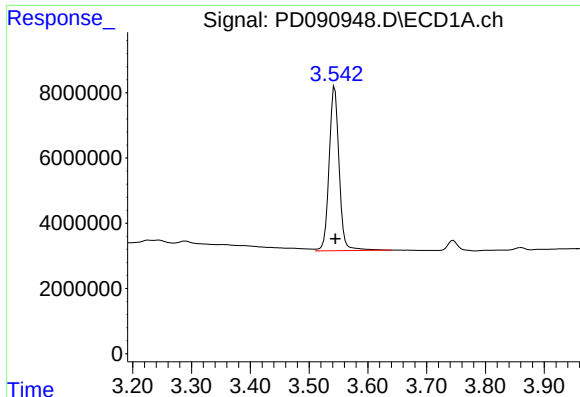
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:32:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

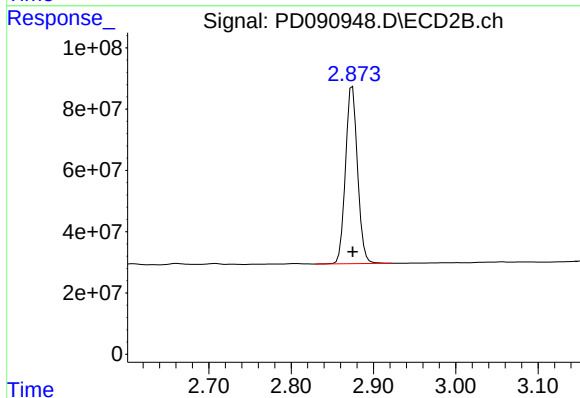




#1 Tetrachloro-m-xylene

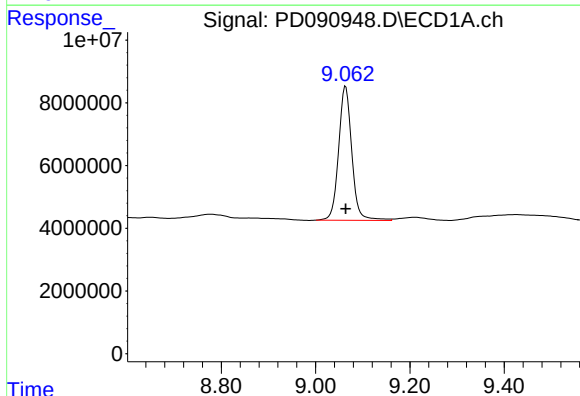
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 59808368
Conc: 19.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



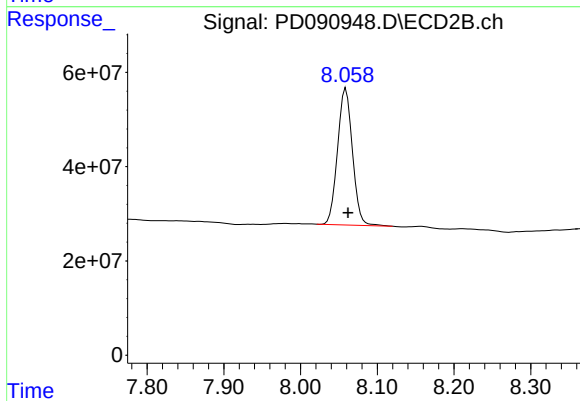
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 591192545
Conc: 19.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 82960760
Conc: 17.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 391228029
Conc: 12.92 ng/ml



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	11/04/25
Project:	Monthly 2025		Date Received:	11/04/25
Client Sample ID:	PIBLK-PD090956.D		SDG No.:	Q3368
Lab Sample ID:	I.BLK-PD090956.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25	pd110425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25	pd110425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25	pd110425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25	pd110425
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/04/25	pd110425
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.2			57 - 171	96%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

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\PD110425\
 Data File : PD090956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 16:31
 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: Nov 05 00:34:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.874	60878729	596.8E6	19.549	20.041
28)	SA Decachlor...	9.064	8.059	89745234	539.2E6	19.185	17.801

Target Compounds

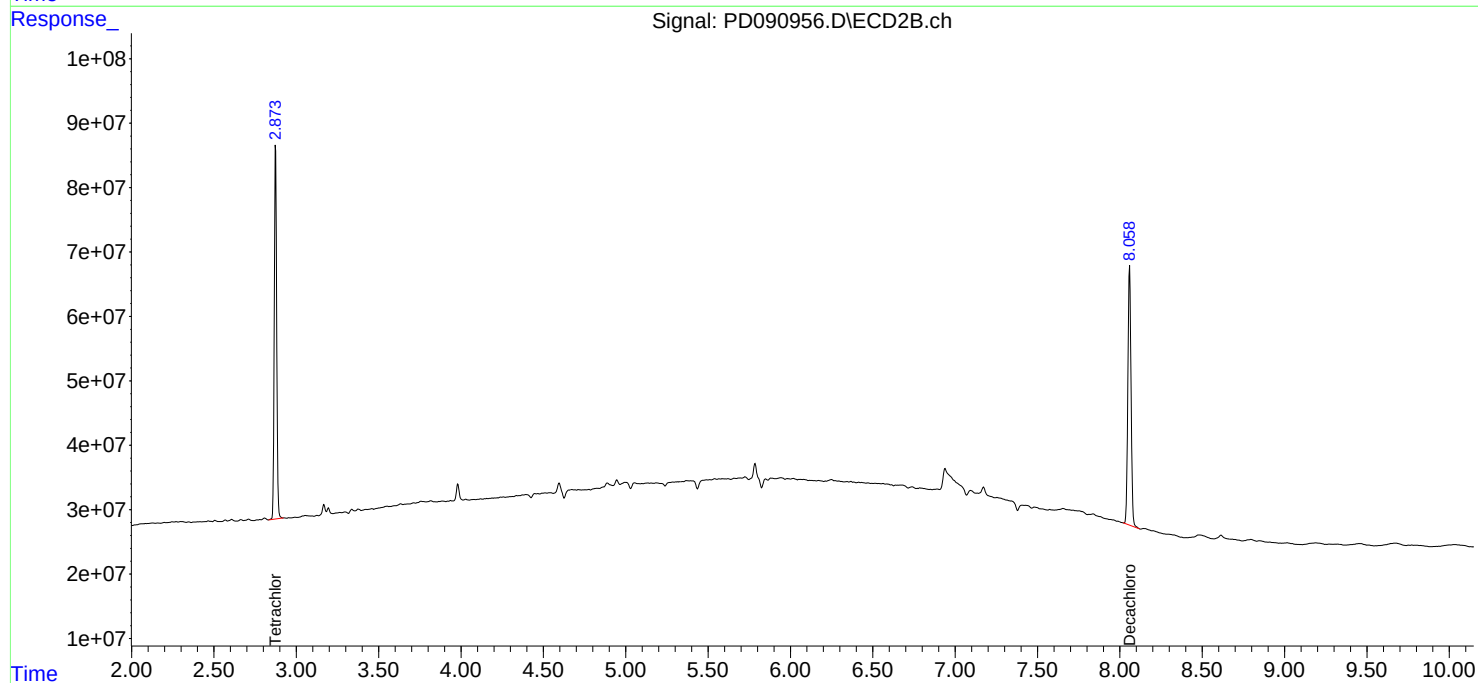
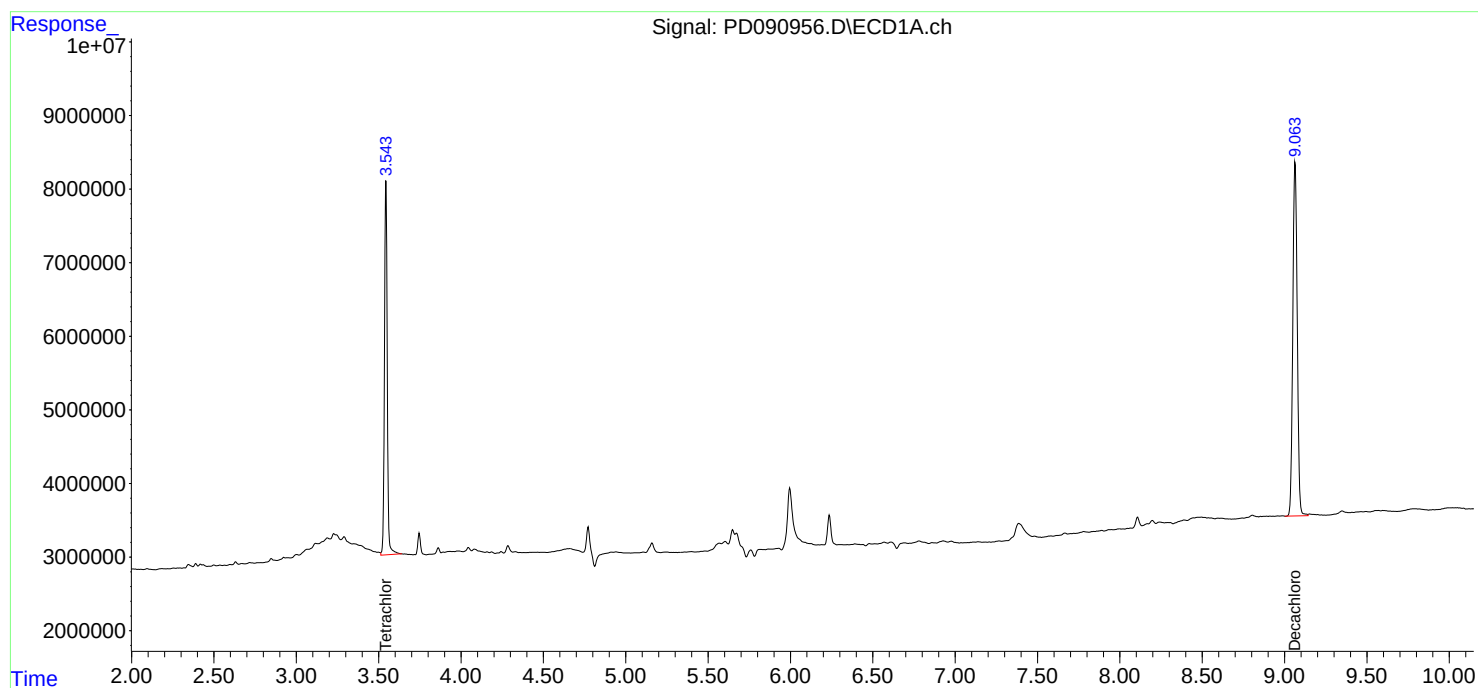
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

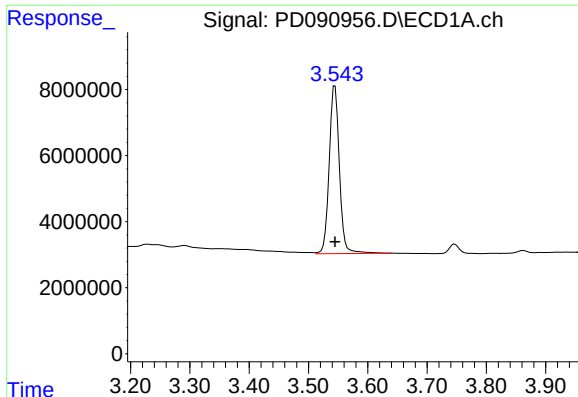
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:31
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

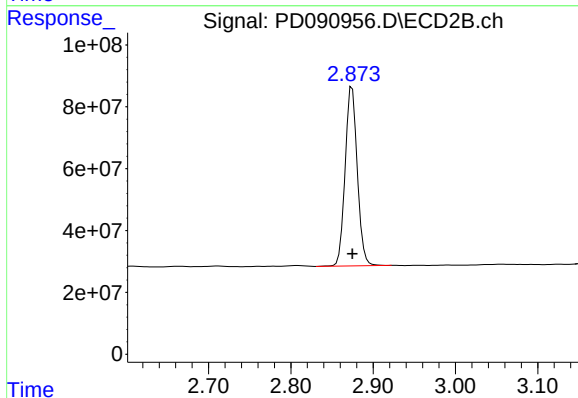




#1 Tetrachloro-m-xylene

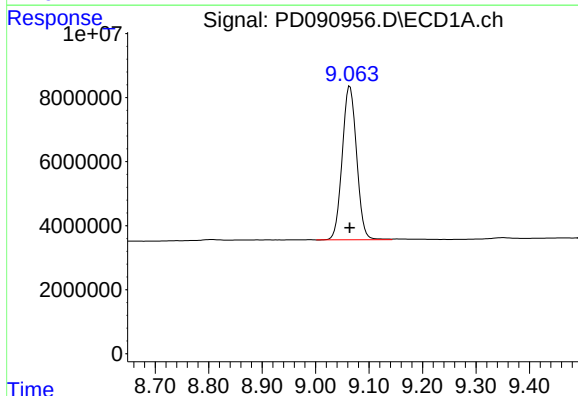
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60878729
Conc: 19.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



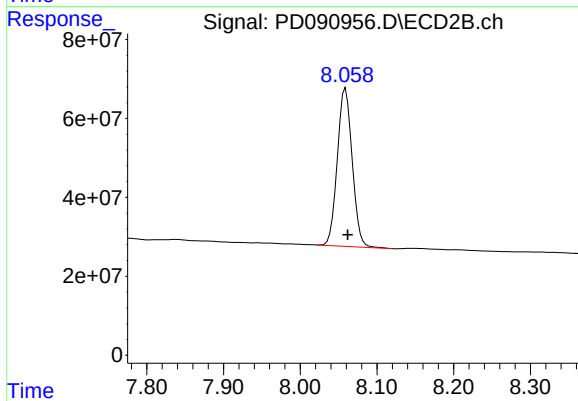
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 596762409
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 89745234
Conc: 19.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 539226820
Conc: 17.80 ng/ml



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	11/05/25
Project:	Monthly 2025		Date Received:	11/05/25
Client Sample ID:	PIBLK-PD090959.D		SDG No.:	Q3368
Lab Sample ID:	I.BLK-PD090959.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/05/25	pd110525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/05/25	pd110525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/05/25	pd110525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/05/25	pd110525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/05/25	pd110525
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/05/25	pd110525
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/05/25	pd110525
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.1			57 - 171	101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.1			61 - 148	106%	SPK: 20		

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\PD110525\
Data File : PD090959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:20
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: Nov 06 00:11:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	62009502	629.5E6	19.912	21.139
28)	SA Decachlor...	9.063	8.059	92051479	609.9E6	19.678	20.134

Target Compounds

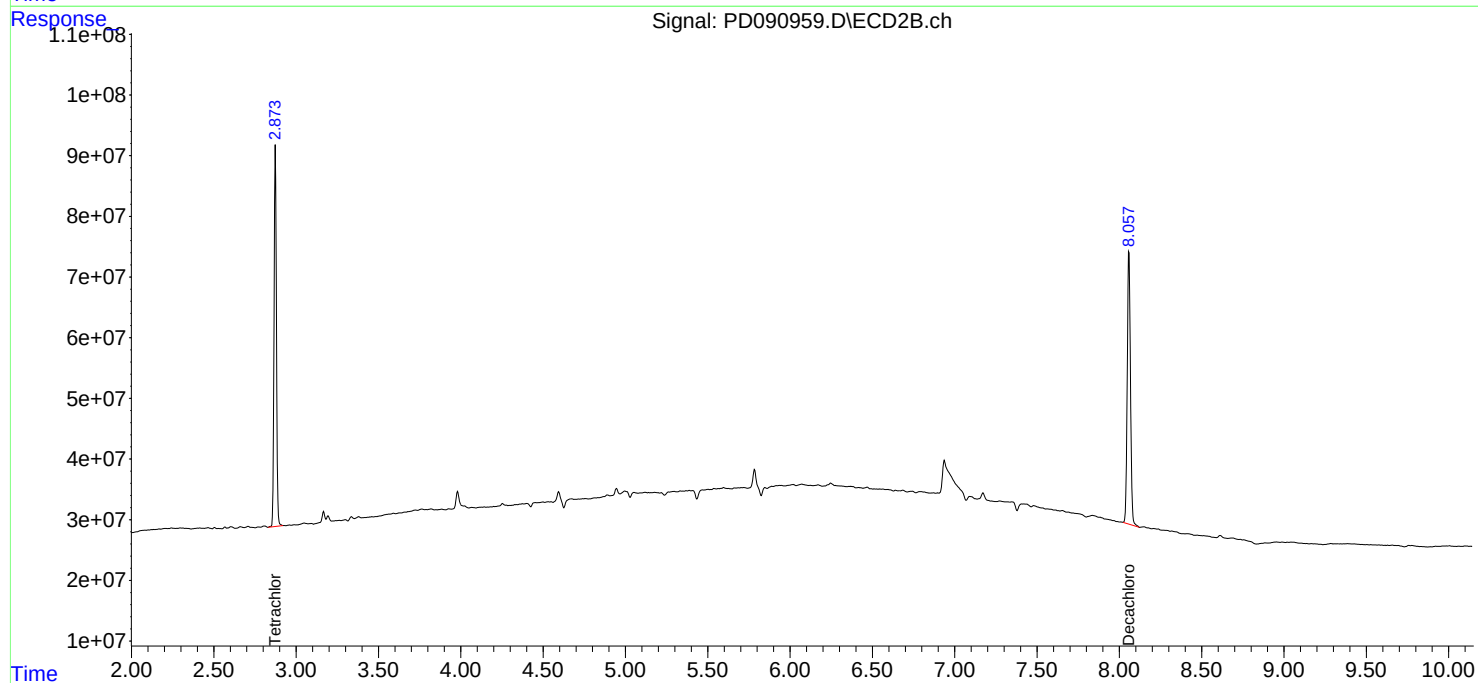
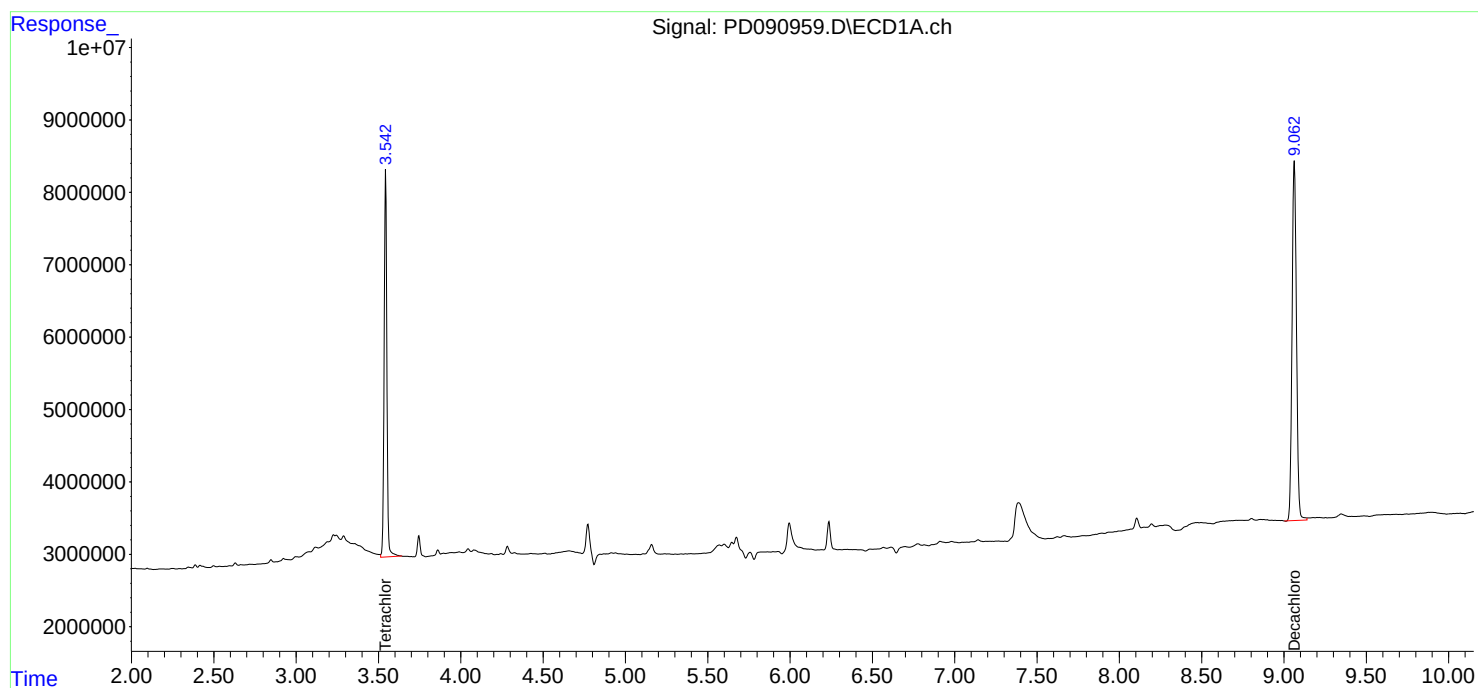
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

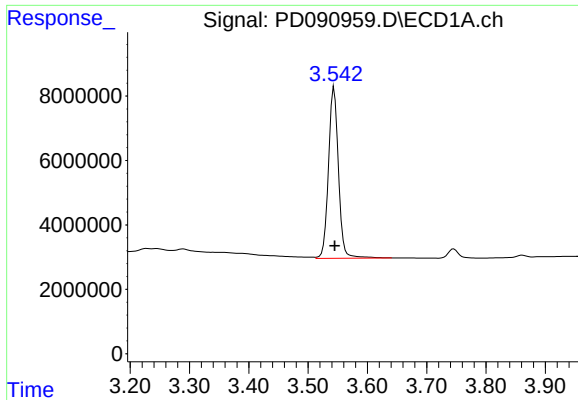
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 09:20
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:11:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

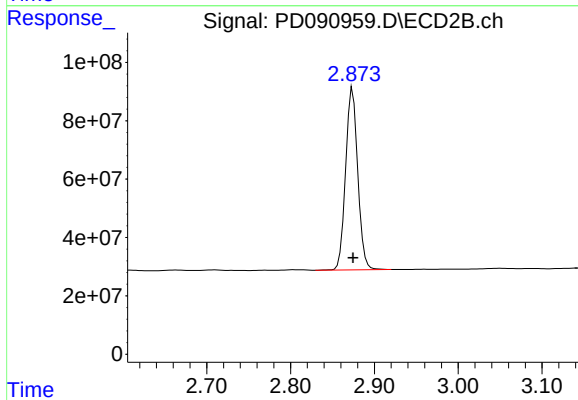




#1 Tetrachloro-m-xylene

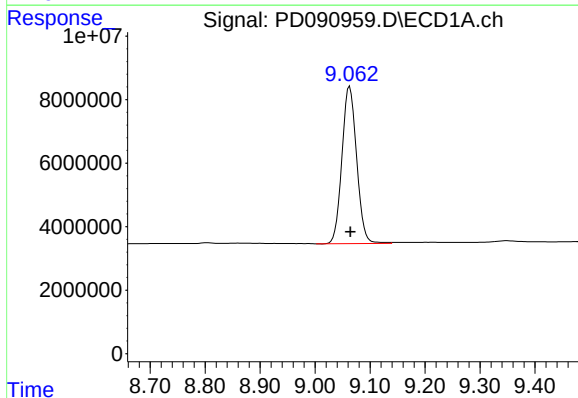
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 62009502
Conc: 19.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



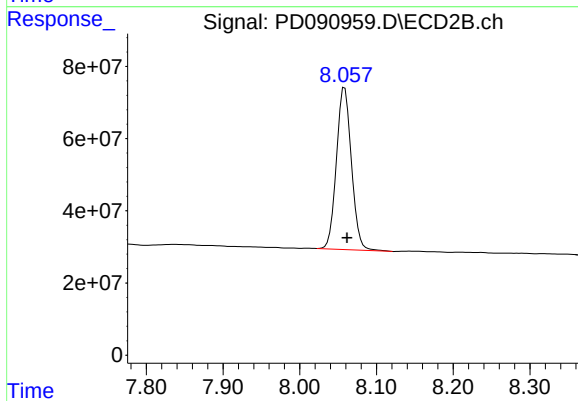
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 629467631
Conc: 21.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: -0.001 min
Response: 92051479
Conc: 19.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 609882238
Conc: 20.13 ng/ml



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	11/05/25
Project:	Monthly 2025		Date Received:	11/05/25
Client Sample ID:	PIBLK-PD090968.D		SDG No.:	Q3368
Lab Sample ID:	I.BLK-PD090968.D		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/05/25	pd110525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/05/25	pd110525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/05/25	pd110525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/05/25	pd110525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/05/25	pd110525
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/05/25	pd110525
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/05/25	pd110525
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.3			57 - 171	96%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.6			61 - 148	103%	SPK: 20		

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\PD110525\
Data File : PD090968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:34
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: Nov 06 00:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	62118559	614.5E6	19.947	20.636
28)	SA Decachlor...	9.065	8.060	90124626	574.5E6	19.266	18.964

Target Compounds

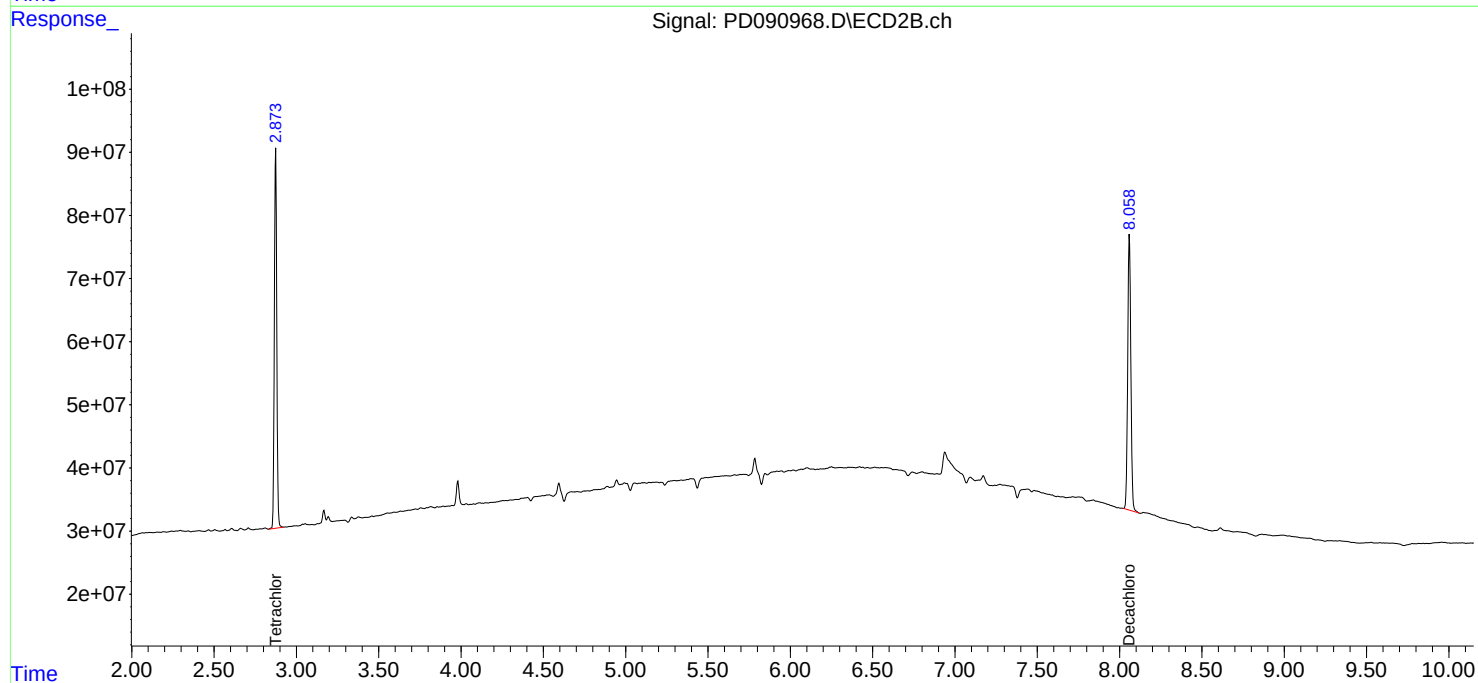
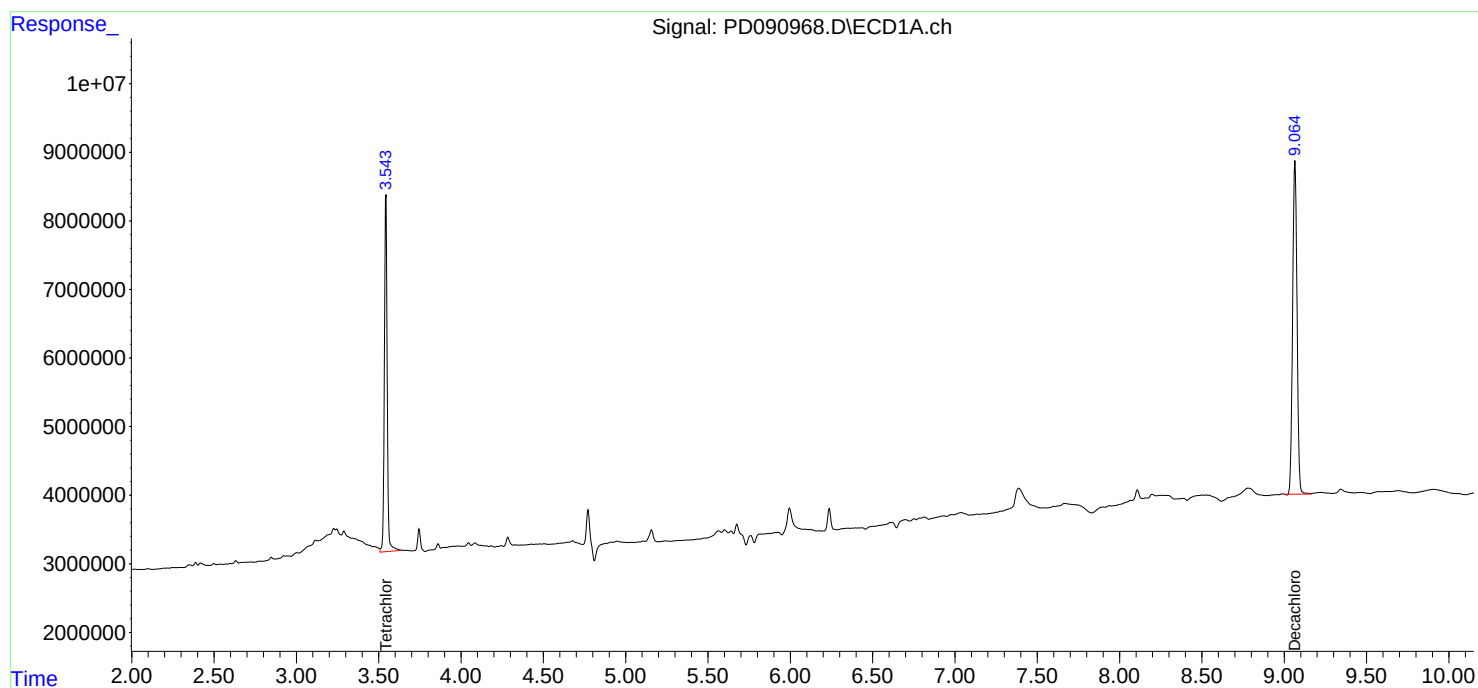
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

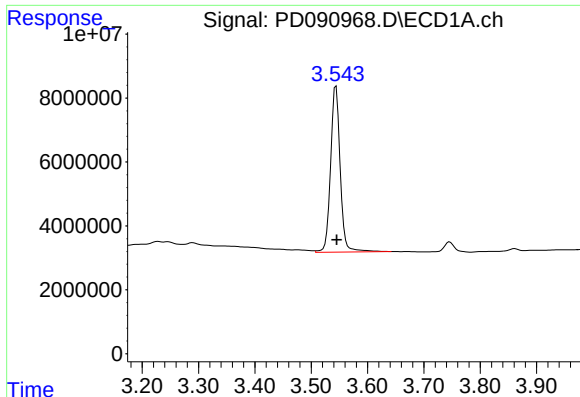
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110525\
Data File : PD090968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Nov 2025 11:34
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 00:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

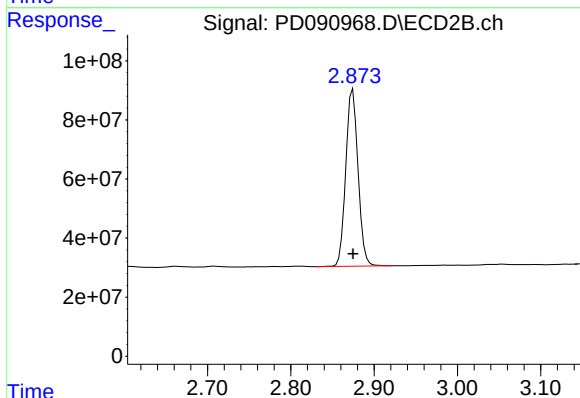




#1 Tetrachloro-m-xylene

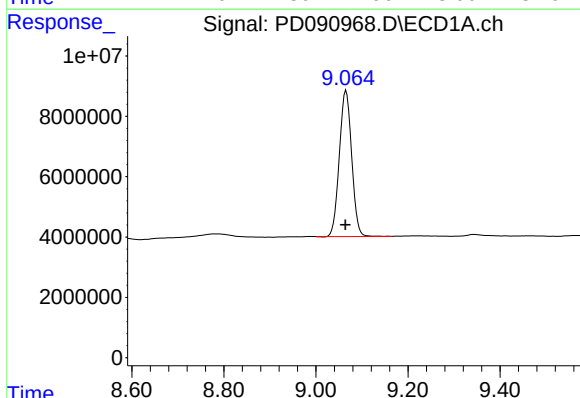
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 62118559
Conc: 19.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



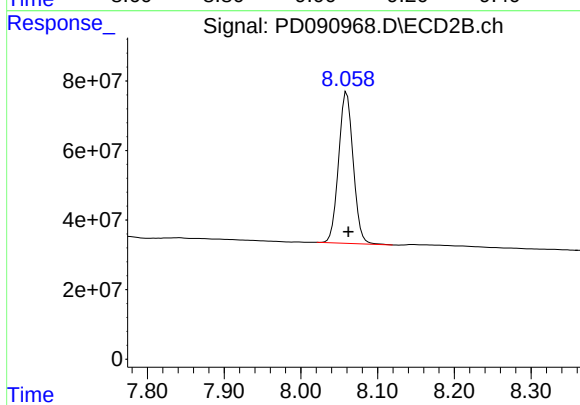
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 614494644
Conc: 20.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 90124626
Conc: 19.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 574453509
Conc: 18.96 ng/ml



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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	
Project:	Monthly 2025		Date Received:	
Client Sample ID:	PB170387BS		SDG No.:	Q3368
Lab Sample ID:	PB170387BS		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/04/25 15:41	PB170387
76-44-8	Heptachlor	0.62		1	0.0027	0.050	ug/L	11/04/25 15:41	PB170387
1024-57-3	Heptachlor epoxide	0.51		1	0.0096	0.050	ug/L	11/04/25 15:41	PB170387
72-20-8	Endrin	0.50		1	0.0032	0.050	ug/L	11/04/25 15:41	PB170387
72-43-5	Methoxychlor	0.50		1	0.011	0.050	ug/L	11/04/25 15:41	PB170387
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25 15:41	PB170387
57-74-9	Chlordane	0.088	U	1	0.088	0.50	ug/L	11/04/25 15:41	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.6			57 - 171	128%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	28.0			61 - 148	140%	SPK: 20		

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\PD110425\
 Data File : PD090953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 15:41
 Operator : AR\AJ
 Sample : PB170387BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170387BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:33:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.874	82068880	834.6E6	26.353	28.028
28)	SA Decachlor...	9.072	8.061	119.5E6	723.1E6	25.545	23.871
Target Compounds							
2)	A alpha-BHC	3.999	3.385	366.9E6	2555.3E6	51.114	50.011
3)	MA gamma-BHC...	4.330	3.721	343.9E6	2355.3E6	50.578	49.849
4)	MA Heptachlor	4.928	4.073	346.9E6	2330.4E6	62.071	52.247
5)	MB Aldrin	5.269	4.359	331.9E6	2300.5E6	50.695	49.666
6)	B beta-BHC	4.518	4.017	129.5E6	970.8E6	49.427	48.956
7)	B delta-BHC	4.765	4.254	342.9E6	2371.3E6	50.719	49.696
8)	B Heptachlo...	5.689	4.862	294.0E6	2090.5E6	50.777	49.028
9)	A Endosulfan I	6.073	5.237	277.4E6	1909.0E6	50.103	48.465
10)	B gamma-Chl...	5.944	5.115	298.2E6	2231.7E6	50.277	49.649
11)	B alpha-Chl...	6.025	5.180	299.5E6	2135.6E6	48.457	49.507
12)	B 4,4'-DDE	6.195	5.364	256.7E6	2190.6E6	48.199	49.969
13)	MA Dieldrin	6.345	5.503	289.5E6	2202.3E6	49.650	49.844
14)	MA Endrin	6.573	5.780	242.3E6	2005.3E6	48.903	49.521
15)	B Endosulfa...	6.786	6.071	253.4E6	1794.7E6	50.672	47.789
16)	A 4,4'-DDD	6.705	5.919	209.4E6	1801.2E6	51.662	49.431
17)	MA 4,4'-DDT	7.021	6.173	205.1E6	1702.4E6	49.897	48.538
18)	B Endrin al...	6.915	6.249	173.2E6	1294.3E6	47.277	46.737
19)	B Endosulfa...	7.150	6.473	219.2E6	1668.5E6	47.261	46.548
20)	A Methoxychlor	7.493	6.744	106.8E6	831.4E6	50.263	47.703
21)	B Endrin ke...	7.630	6.980	227.1E6	1808.2E6	46.732	47.941m
22)	Mirex	8.113	7.175	142.2E6	1098.2E6	44.430	42.745

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 15:41
Operator : AR\AJ
Sample : PB170387BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170387BS

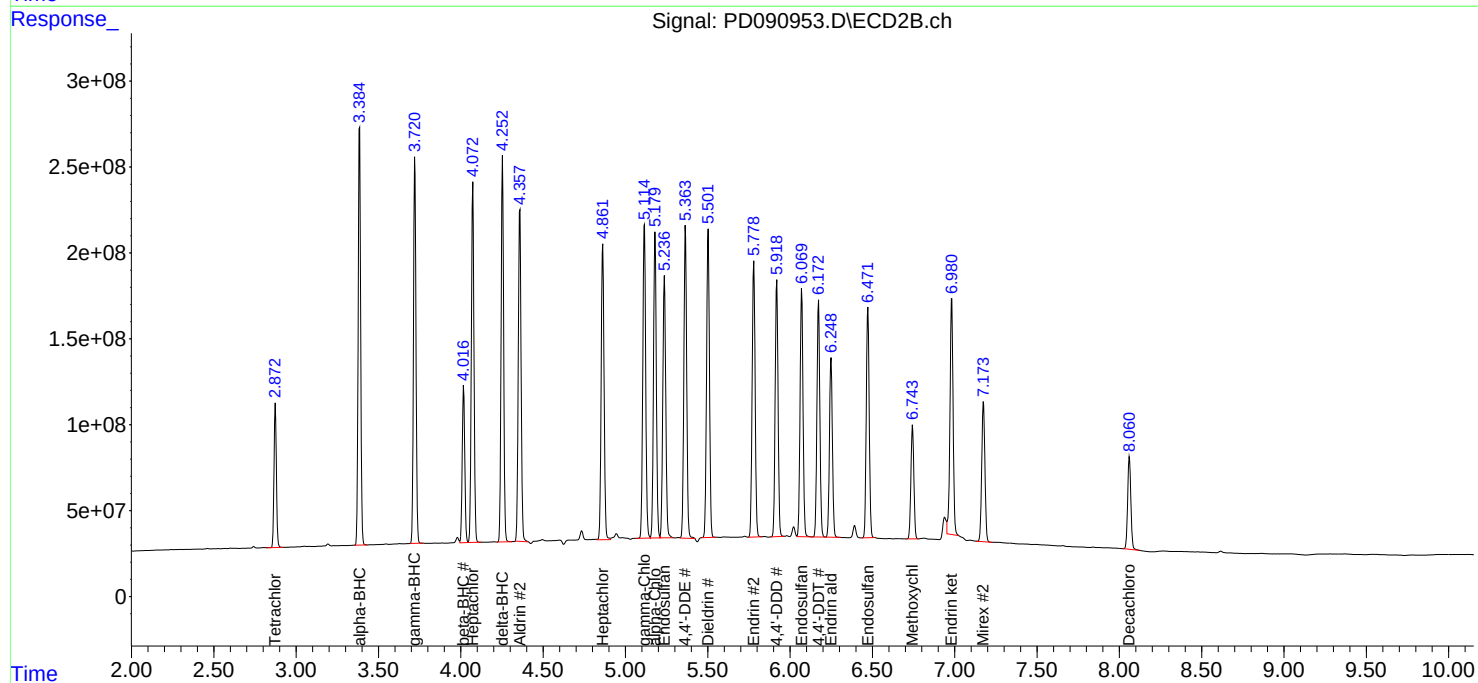
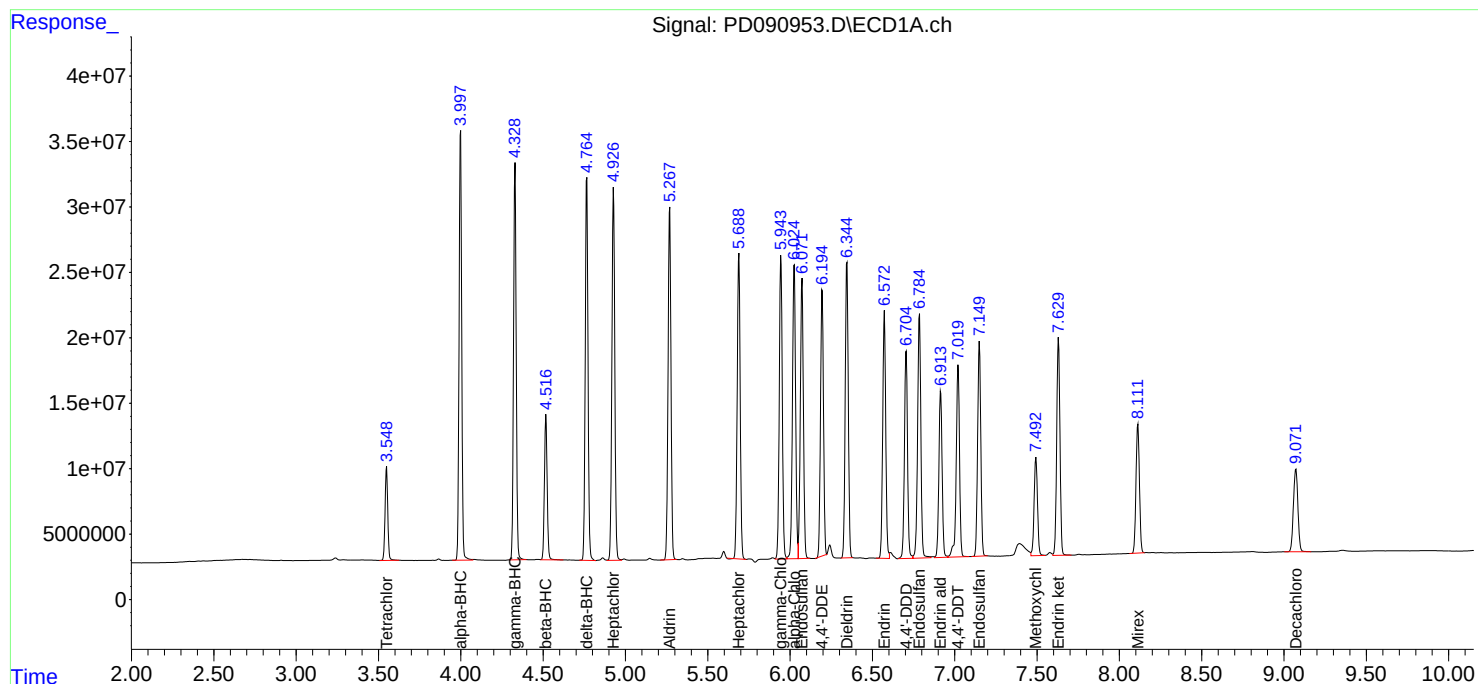
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	10/16/25
Project:	Monthly 2025		Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTERMS		SDG No.:	Q3368
Lab Sample ID:	Q3368-06MS		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	4.10		1	0.037	0.50	ug/L	11/04/25 11:53	PB170387
76-44-8	Heptachlor	4.70		1	0.027	0.50	ug/L	11/04/25 11:53	PB170387
1024-57-3	Heptachlor epoxide	3.60		1	0.096	0.50	ug/L	11/04/25 11:53	PB170387
72-20-8	Endrin	3.40		1	0.032	0.50	ug/L	11/04/25 11:53	PB170387
72-43-5	Methoxychlor	3.60		1	0.11	0.50	ug/L	11/04/25 11:53	PB170387
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	11/04/25 11:53	PB170387
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	11/04/25 11:53	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	9.42	*		57 - 171	47%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	14.7			61 - 148	73%	SPK: 20		

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\PD110425\
 Data File : PD090945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 11:53
 Operator : AR\AJ
 Sample : Q3368-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OUTSIDE-DUMPSTERMS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:31:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.874	39971016	437.4E6	12.835m	14.690m
2)	SA Decachlor...	9.064	8.058	44050572	188.7E6	9.417	6.231m#
Target Compounds							
2)	A alpha-BHC	3.993	3.386	305.8E6	2090.1E6	42.603	40.905
3)	MA gamma-BHC...	4.324	3.722	276.9E6	1870.3E6	40.727	39.583
4)	MA Heptachlor	4.922	4.074	261.5E6	1791.5E6	46.788	40.167
5)	MB Aldrin	5.263	4.359	232.0E6	1646.5E6	35.433	35.546
6)	B beta-BHC	4.511	4.018	103.1E6	849.9E6	39.367	42.862
7)	B delta-BHC	4.760	4.254	288.6E6	1870.0E6	42.678	39.190
8)	B Heptachlo...	5.683	4.862	205.5E6	1410.5E6	35.505	33.080
9)	A Endosulfan I	6.067	5.237	153.9E6	1240.2E6	27.791	31.484
10)	B gamma-Chl...	5.938	5.115	203.5E6	1294.3E6	34.306	28.796
11)	B alpha-Chl...	6.019	5.179	189.0E6	1384.2E6	30.582	32.087
12)	B 4,4'-DDE	6.189	5.362	171.2E6	1324.4E6	32.147	30.210m
13)	MA Dieldrin	6.339	5.502	195.1E6	1338.5E6	33.454	30.293
14)	MA Endrin	6.567	5.778	168.3E6	1187.5E6	33.982	29.326
15)	B Endosulfa...	6.780	6.070	170.1E6	986.9E6	34.024	26.280
16)	A 4,4'-DDD	6.699	5.918	131.6E6	907.6E6	32.457	24.909
17)	MA 4,4'-DDT	7.014	6.172	147.0E6	923.7E6	35.773	26.335 #
18)	B Endrin al...	6.909	6.248	123.3E6	699.5E6	33.669	25.259
19)	B Endosulfa...	7.143	6.472	142.1E6	883.3E6	30.640	24.643
20)	A Methoxychlor	7.487	6.742	76163273	449.1E6	35.832	25.770 #
21)	B Endrin ke...	7.624	6.981	165.1E6	864.8E6	33.969	22.927 #
22)	Mirex	8.105	7.174	99523727	542.0E6	31.093	21.095 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 11:53
Operator : AR\AJ
Sample : Q3368-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

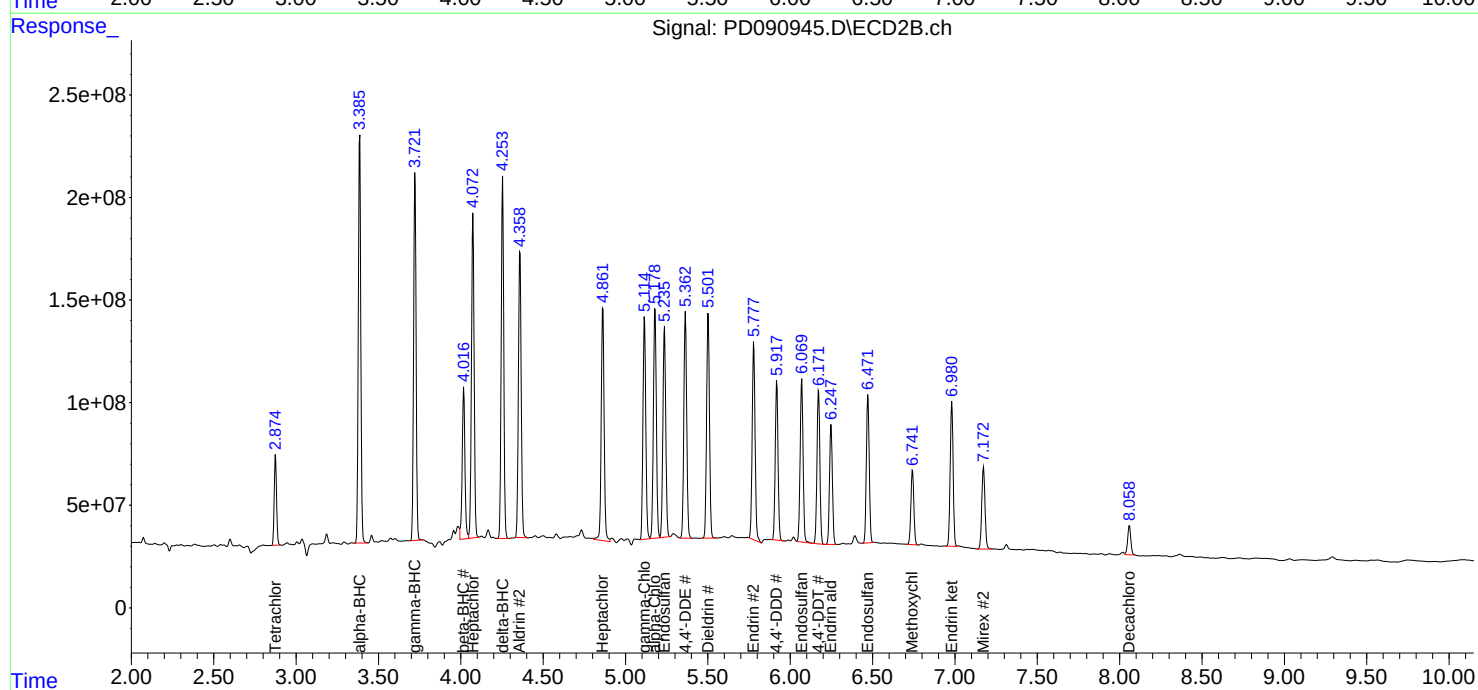
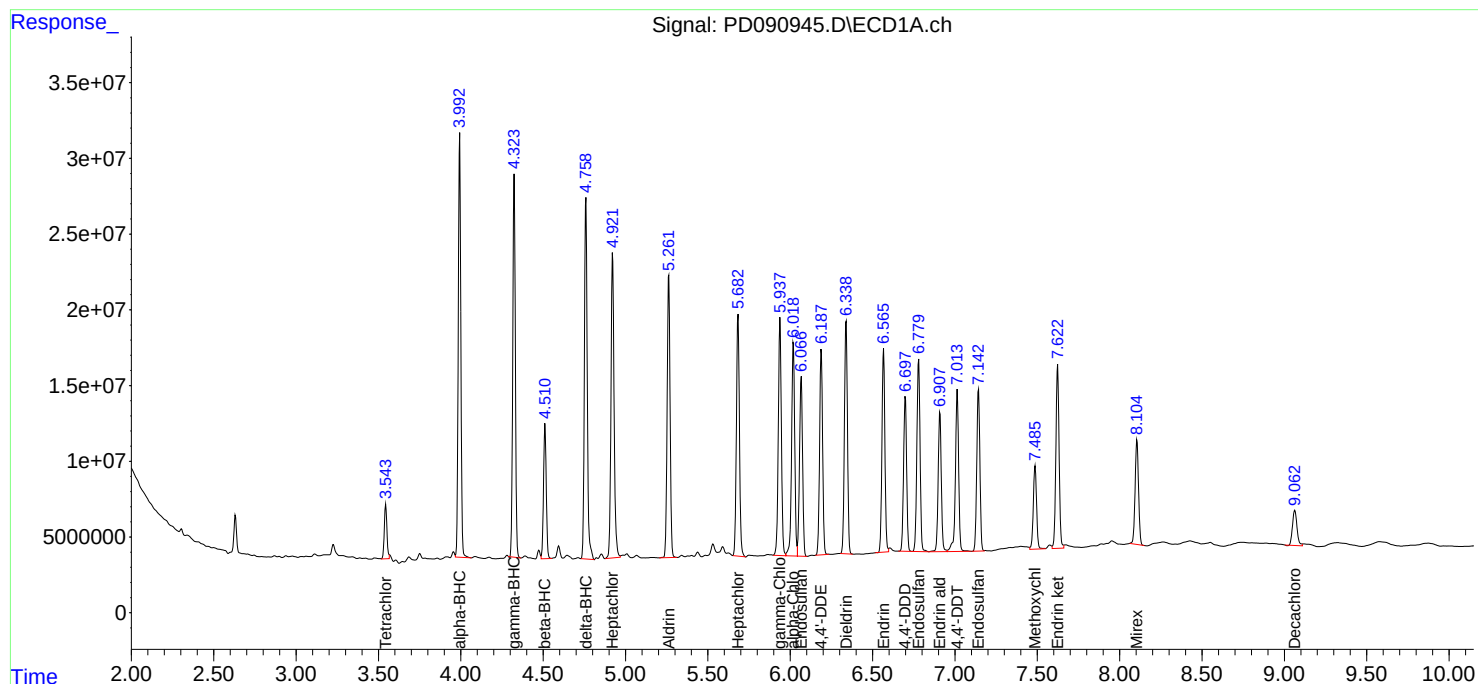
Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMS

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:31:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Report of Analysis

Client:	Aramark Uniforms		Date Collected:	10/16/25
Project:	Monthly 2025		Date Received:	10/16/25
Client Sample ID:	OUTSIDE-DUMPSTERMSD		SDG No.:	Q3368
Lab Sample ID:	Q3368-06MSD		Matrix:	TCLP
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	100 mL	Final Vol: 10000 uL	Test:	TCLP Pesticide
Prep Method:	3510C	Prep Date: 11/03/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
58-89-9	gamma-BHC (Lindane)	4.30		1	0.037	0.50	ug/L	11/04/25 12:06	PB170387
76-44-8	Heptachlor	4.90		1	0.027	0.50	ug/L	11/04/25 12:06	PB170387
1024-57-3	Heptachlor epoxide	3.80		1	0.096	0.50	ug/L	11/04/25 12:06	PB170387
72-20-8	Endrin	3.60		1	0.032	0.50	ug/L	11/04/25 12:06	PB170387
72-43-5	Methoxychlor	3.70		1	0.11	0.50	ug/L	11/04/25 12:06	PB170387
8001-35-2	Toxaphene	1.70	U	1	1.70	10.0	ug/L	11/04/25 12:06	PB170387
57-74-9	Chlordane	0.88	U	1	0.88	5.00	ug/L	11/04/25 12:06	PB170387
SURROGATES									
2051-24-3	Decachlorobiphenyl	9.69	*		57 - 171	48%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	15.1			61 - 148	76%	SPK: 20		

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\PD110425\
 Data File : PD090946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 12:06
 Operator : AR\AJ
 Sample : Q3368-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OUTSIDE-DUMPSTERMSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/05/2025
 Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:31:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.873	41471239	450.3E6	13.317m	15.121m
2)	SA Decachlor...	9.064	8.058	45334724	212.4E6	9.691	7.012m#
Target Compounds							
2)	A alpha-BHC	3.993	3.386	314.1E6	2156.9E6	43.764	42.213
3)	MA gamma-BHC...	4.323	3.722	291.1E6	1935.6E6	42.819	40.967
4)	MA Heptachlor	4.921	4.073	271.6E6	1855.9E6	48.594	41.611
5)	MB Aldrin	5.263	4.358	246.0E6	1721.6E6	37.566	37.169
6)	B beta-BHC	4.511	4.017	108.7E6	865.2E6	41.506	43.631
7)	B delta-BHC	4.759	4.253	303.2E6	1938.0E6	44.842	40.614
8)	B Heptachlo...	5.683	4.862	217.5E6	1490.8E6	37.579	34.964
9)	A Endosulfan I	6.066	5.237	158.5E6	1309.0E6	28.635	33.233
10)	B gamma-Chl...	5.938	5.115	212.4E6	1353.6E6	35.813	30.114
11)	B alpha-Chl...	6.019	5.180	196.5E6	1462.1E6	31.799	33.893
12)	B 4,4'-DDE	6.189	5.362	185.5E6	1426.7E6	34.816	32.545m
13)	MA Dieldrin	6.339	5.502	205.1E6	1454.6E6	35.178	32.922
14)	MA Endrin	6.566	5.779	177.1E6	1274.9E6	35.747	31.483
15)	B Endosulfa...	6.780	6.070	174.2E6	1080.5E6	34.830	28.772
16)	A 4,4'-DDD	6.699	5.919	140.6E6	968.8E6	34.689	26.588
17)	MA 4,4'-DDT	7.014	6.172	151.1E6	1031.3E6	36.757	29.404
18)	B Endrin al...	6.909	6.249	130.8E6	778.8E6	35.699	28.124
19)	B Endosulfa...	7.143	6.472	150.3E6	1007.7E6	32.409	28.112
20)	A Methoxychlor	7.487	6.742	77756108	506.6E6	36.581	29.070
21)	B Endrin ke...	7.624	6.981	168.6E6	984.4E6	34.708	26.100
22)	Mirex	8.106	7.173	100.5E6	617.2E6	31.396	24.025

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:06
Operator : AR\AJ
Sample : Q3368-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

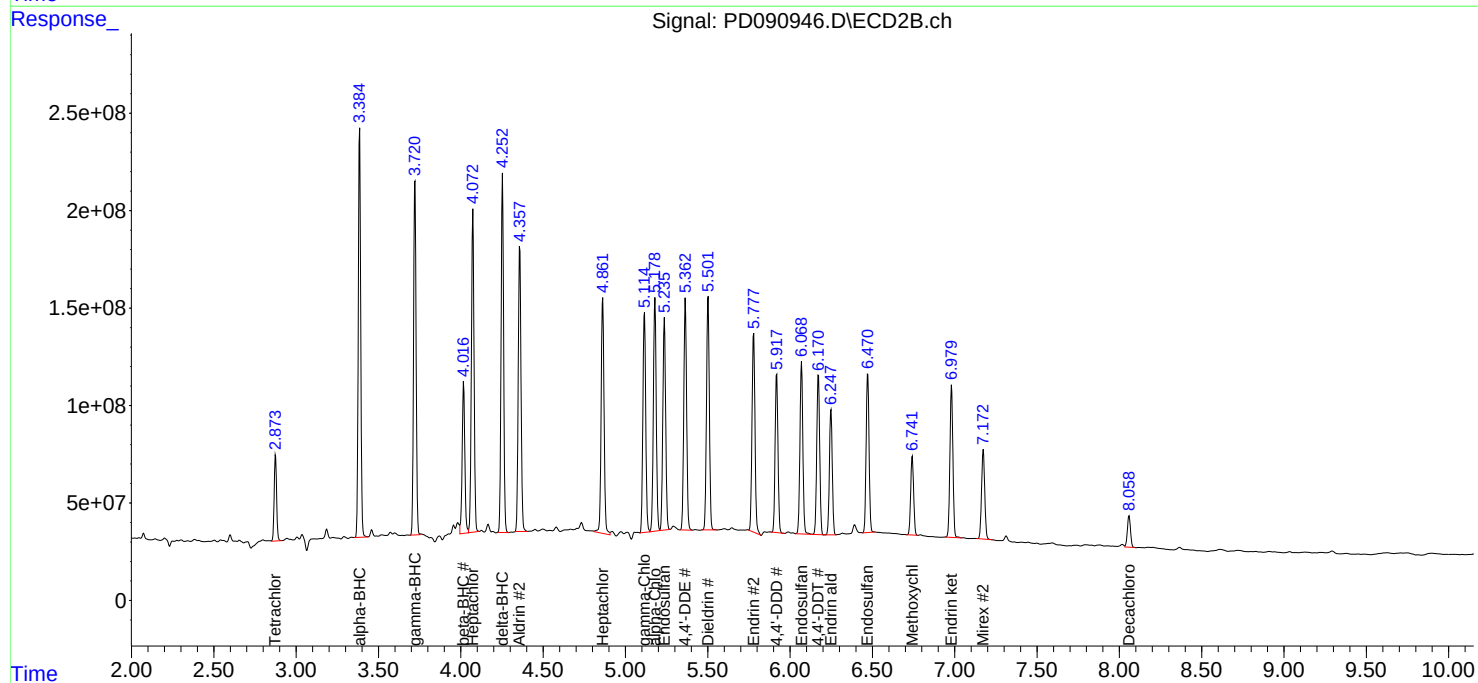
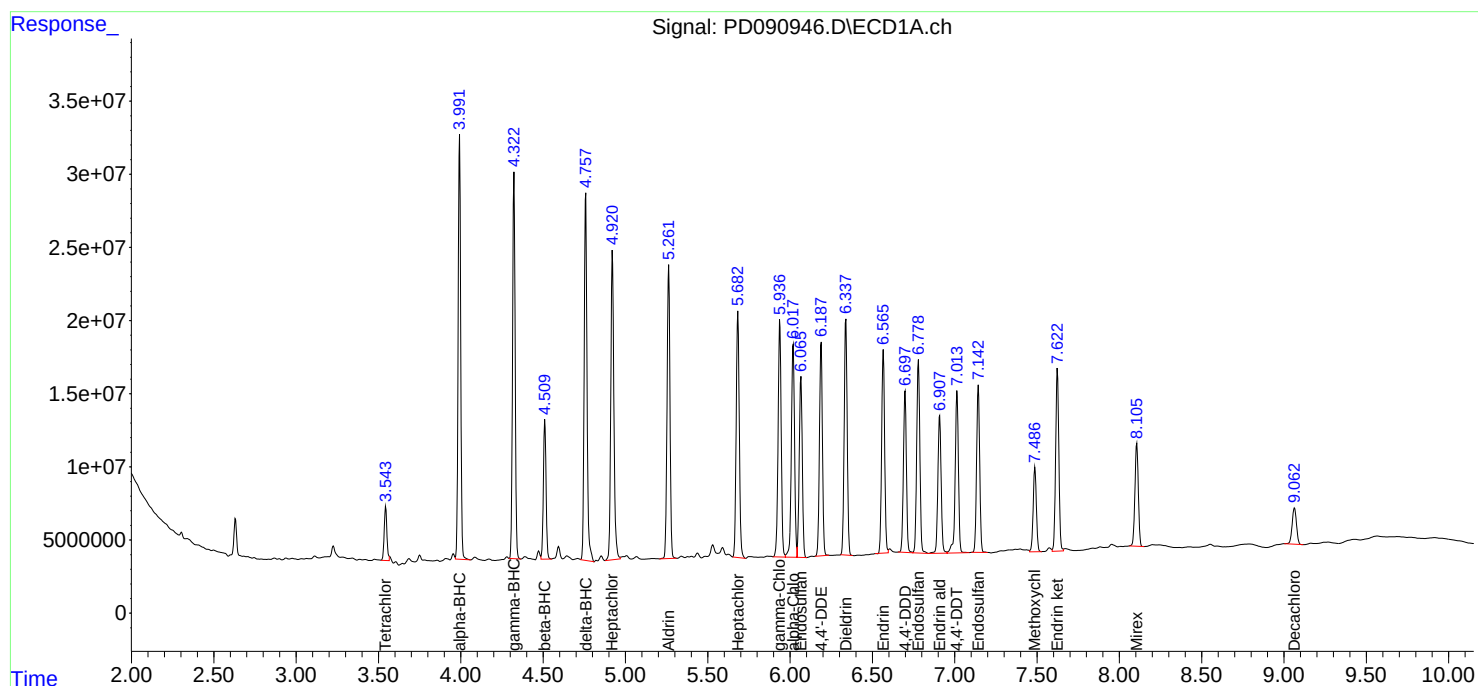
Instrument :
ECD_D
ClientSampleId :
OUTSIDE-DUMPSTERMSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/05/2025
Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:31:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090648.D	Endrin aldehyde	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090648.D	Endrin ketone #2	Abdul	10/19/2025 5:20:46 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
RESCHK	PD090649.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:20:37 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	alpha-Chlordane	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Endrin ketone	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PSTDICC005	PD090654.D	Tetrachloro-m-xylene	Abdul	10/19/2025 5:19:40 PM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PTOXICV500	PD090667.D	Toxaphene-5 #2	Abdul	10/21/2025 8:49:16 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	4,4"-DDD #2	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software
PEM	PD090669.D	Endrin aldehyde	Abdul	10/21/2025 8:49:12 AM	mohammad	10/24/2025 1:04:58	Peak Integrated by Software

Manual Integration Report

Sequence:	Pd110425	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090937.D	Endrin ketone #2	rahul	11/5/2025 8:29:24 AM	yogesh	11/5/2025 8:39:44	Peak Integrated by Software
Q3368-06	PD090944.D	Decachlorobiphenyl	rahul	11/5/2025 8:29:46 AM	yogesh	11/5/2025 8:40:01	Peak Integrated by Software
Q3368-06	PD090944.D	Decachlorobiphenyl #2	rahul	11/5/2025 8:29:46 AM	yogesh	11/5/2025 8:40:01	Peak Integrated by Software
Q3368-06	PD090944.D	Tetrachloro-m-xylene	rahul	11/5/2025 8:29:46 AM	yogesh	11/5/2025 8:40:01	Peak Integrated by Software
Q3368-06	PD090944.D	Tetrachloro-m-xylene #2	rahul	11/5/2025 8:29:46 AM	yogesh	11/5/2025 8:40:01	Peak Integrated by Software
Q3368-06MS	PD090945.D	4,4"-DDE #2	rahul	11/5/2025 8:29:50 AM	yogesh	11/5/2025 8:40:03	Peak Integrated by Software
Q3368-06MS	PD090945.D	Decachlorobiphenyl #2	rahul	11/5/2025 8:29:50 AM	yogesh	11/5/2025 8:40:03	Peak Integrated by Software
Q3368-06MS	PD090945.D	Tetrachloro-m-xylene	rahul	11/5/2025 8:29:50 AM	yogesh	11/5/2025 8:40:03	Peak Integrated by Software
Q3368-06MS	PD090945.D	Tetrachloro-m-xylene #2	rahul	11/5/2025 8:29:50 AM	yogesh	11/5/2025 8:40:03	Peak Integrated by Software
Q3368-06MSD	PD090946.D	4,4"-DDE #2	rahul	11/5/2025 8:29:53 AM	yogesh	11/5/2025 8:40:04	Peak Integrated by Software
Q3368-06MSD	PD090946.D	Decachlorobiphenyl #2	rahul	11/5/2025 8:29:53 AM	yogesh	11/5/2025 8:40:04	Peak Integrated by Software
Q3368-06MSD	PD090946.D	Tetrachloro-m-xylene	rahul	11/5/2025 8:29:53 AM	yogesh	11/5/2025 8:40:04	Peak Integrated by Software
Q3368-06MSD	PD090946.D	Tetrachloro-m-xylene #2	rahul	11/5/2025 8:29:53 AM	yogesh	11/5/2025 8:40:04	Peak Integrated by Software

Manual Integration Report

Sequence:

Pd110425

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3368-07	PD090947.D	Decachlorobiphenyl	rahul	11/5/2025 8:29:56 AM	yogesh	11/5/2025 8:40:06	Peak Integrated by Software
Q3368-07	PD090947.D	Decachlorobiphenyl #2	rahul	11/5/2025 8:29:56 AM	yogesh	11/5/2025 8:40:06	Peak Integrated by Software
PB170387BS	PD090953.D	Endrin ketone #2	rahul	11/5/2025 8:30:02 AM	yogesh	11/5/2025 8:40:10	Peak Integrated by Software



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

Manual Integration Report

Sequence:	pd110525	Instrument	ECD_d
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090978.D	Endrin ketone #2	yogesh	11/6/2025 3:30:12 AM	mohammad	11/6/2025 3:31:20	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PD110425	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PD090934.D	04 Nov 2025 09:04	AR\AJ	Ok
2	I.BLK	PD090935.D	04 Nov 2025 09:17	AR\AJ	Ok
3	PEM	PD090936.D	04 Nov 2025 09:31	AR\AJ	Ok
4	PSTDCCC050	PD090937.D	04 Nov 2025 09:45	AR\AJ	Ok,M
5	Q3515-01	PD090938.D	04 Nov 2025 10:17	AR\AJ	Ok,M
6	Q3516-01	PD090939.D	04 Nov 2025 10:31	AR\AJ	Ok,M
7	Q3519-01	PD090940.D	04 Nov 2025 10:44	AR\AJ	Ok,M
8	Q3519-01MS	PD090941.D	04 Nov 2025 10:58	AR\AJ	Ok,M
9	Q3519-01MSD	PD090942.D	04 Nov 2025 11:12	AR\AJ	Ok,M
10	Q3520-01	PD090943.D	04 Nov 2025 11:25	AR\AJ	Ok,M
11	Q3368-06	PD090944.D	04 Nov 2025 11:39	AR\AJ	ReRun
12	Q3368-06MS	PD090945.D	04 Nov 2025 11:53	AR\AJ	Ok,M
13	Q3368-06MSD	PD090946.D	04 Nov 2025 12:06	AR\AJ	Ok,M
14	Q3368-07	PD090947.D	04 Nov 2025 12:22	AR\AJ	ReRun
15	I.BLK	PD090948.D	04 Nov 2025 12:35	AR\AJ	Ok
16	PSTDCCC050	PD090949.D	04 Nov 2025 13:29	AR\AJ	Ok
17	PB170348BSD	PD090950.D	04 Nov 2025 13:52	AR\AJ	Ok
18	PB170371BL	PD090951.D	04 Nov 2025 14:09	AR\AJ	Ok
19	PB170348BS	PD090952.D	04 Nov 2025 14:22	AR\AJ	Ok,M
20	PB170387BS	PD090953.D	04 Nov 2025 15:41	AR\AJ	Ok,M
21	PB170387BL	PD090954.D	04 Nov 2025 16:03	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PD110425	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PB170172TB	PD090955.D	04 Nov 2025 16:17	AR\AJ	Ok
23	I.BLK	PD090956.D	04 Nov 2025 16:31	AR\AJ	Ok
24	PSTDCCC050	PD090957.D	04 Nov 2025 16:44	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110525

Review By	yogesh	Review On	11/6/2025 3:30:21 AM
Supervise By	mohammad	Supervise On	11/6/2025 3:31:20 AM
SubDirectory	PD110525	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PD090958.D	05 Nov 2025 09:07	AR\AJ	Ok
2	I.BLK	PD090959.D	05 Nov 2025 09:20	AR\AJ	Ok
3	PEM	PD090960.D	05 Nov 2025 09:34	AR\AJ	Ok
4	PSTDCCC050	PD090961.D	05 Nov 2025 09:47	AR\AJ	Ok
5	PB170270BL	PD090962.D	05 Nov 2025 10:12	AR\AJ	Ok
6	PB170371BS	PD090963.D	05 Nov 2025 10:26	AR\AJ	Not Ok
7	Q3368-06RE	PD090964.D	05 Nov 2025 10:39	AR\AJ	Confirms
8	Q3368-06MS	PD090965.D	05 Nov 2025 10:53	AR\AJ	Not Ok
9	Q3368-06MSD	PD090966.D	05 Nov 2025 11:07	AR\AJ	Not Ok
10	Q3368-07RE	PD090967.D	05 Nov 2025 11:20	AR\AJ	Confirms
11	I.BLK	PD090968.D	05 Nov 2025 11:34	AR\AJ	Ok
12	PSTDCCC050	PD090969.D	05 Nov 2025 11:47	AR\AJ	Ok
13	PB170400BL	PD090970.D	05 Nov 2025 12:51	AR\AJ	Ok
14	PB170400BS	PD090971.D	05 Nov 2025 13:04	AR\AJ	Not Ok
15	Q3532-01	PD090972.D	05 Nov 2025 13:18	AR\AJ	Ok,M
16	Q3532-01MS	PD090973.D	05 Nov 2025 13:32	AR\AJ	Ok,M
17	Q3532-01MSD	PD090974.D	05 Nov 2025 13:45	AR\AJ	Ok,M
18	Q3532-05	PD090975.D	05 Nov 2025 13:59	AR\AJ	Ok,M
19	Q3537-01	PD090976.D	05 Nov 2025 14:13	AR\AJ	Ok,M
20	I.BLK	PD090977.D	05 Nov 2025 14:26	AR\AJ	Ok
21	PSTDCCC050	PD090978.D	05 Nov 2025 16:15	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,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	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,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	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-11	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-11	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PD110425	HP Acquire Method	HP Processing Method PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,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	PD090934.D	04 Nov 2025 09:04		AR\AJ	Ok
2	I.BLK	I.BLK	PD090935.D	04 Nov 2025 09:17		AR\AJ	Ok
3	PEM	PEM	PD090936.D	04 Nov 2025 09:31		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090937.D	04 Nov 2025 09:45		AR\AJ	Ok,M
5	Q3515-01	SU-04-103125	PD090938.D	04 Nov 2025 10:17		AR\AJ	Ok,M
6	Q3516-01	HD-01-103125	PD090939.D	04 Nov 2025 10:31		AR\AJ	Ok,M
7	Q3519-01	PL-01-103125	PD090940.D	04 Nov 2025 10:44		AR\AJ	Ok,M
8	Q3519-01MS	PL-01-103125MS	PD090941.D	04 Nov 2025 10:58		AR\AJ	Ok,M
9	Q3519-01MSD	PL-01-103125MSD	PD090942.D	04 Nov 2025 11:12		AR\AJ	Ok,M
10	Q3520-01	EO-02-103125	PD090943.D	04 Nov 2025 11:25		AR\AJ	Ok,M
11	Q3368-06	OUTSIDE-DUMPSTER	PD090944.D	04 Nov 2025 11:39	All surrogate fail	AR\AJ	ReRun
12	Q3368-06MS	OUTSIDE-DUMPSTER	PD090945.D	04 Nov 2025 11:53	DCB Low in both column , Comp#8,14 recover fail	AR\AJ	Ok,M
13	Q3368-06MSD	OUTSIDE-DUMPSTER	PD090946.D	04 Nov 2025 12:06	DCB Low in both column , Comp#8,14 recover fail	AR\AJ	Ok,M
14	Q3368-07	PRESS-SLUDGE	PD090947.D	04 Nov 2025 12:22	All surrogate fail	AR\AJ	ReRun
15	I.BLK	I.BLK	PD090948.D	04 Nov 2025 12:35		AR\AJ	Ok
16	PSTDCCC050	PSTDCCC050	PD090949.D	04 Nov 2025 13:29	Comp#4 high in 1st column , Comp#22 and DCB low in 2nd column	AR\AJ	Ok
17	PB170348BSD	PB170348BSD	PD090950.D	04 Nov 2025 13:52		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PD110425	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	PB170371BL	PB170371BL	PD090951.D	04 Nov 2025 14:09		AR\AJ	Ok
19	PB170348BS	PB170348BS	PD090952.D	04 Nov 2025 14:22		AR\AJ	Ok,M
20	PB170387BS	PB170387BS	PD090953.D	04 Nov 2025 15:41		AR\AJ	Ok,M
21	PB170387BL	PB170387BL	PD090954.D	04 Nov 2025 16:03		AR\AJ	Ok
22	PB170172TB	PB170172TB	PD090955.D	04 Nov 2025 16:17		AR\AJ	Ok
23	I.BLK	I.BLK	PD090956.D	04 Nov 2025 16:31		AR\AJ	Ok
24	PSTDCCC050	PSTDCCC050	PD090957.D	04 Nov 2025 16:44	Comp#4 high in 1st column	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110525

Review By	yogesh	Review On	11/6/2025 3:30:21 AM
Supervise By	mohammad	Supervise On	11/6/2025 3:31:20 AM
SubDirectory	PD110525	HP Acquire Method	HP Processing Method PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,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	PD090958.D	05 Nov 2025 09:07		AR\AJ	Ok
2	I.BLK	I.BLK	PD090959.D	05 Nov 2025 09:20		AR\AJ	Ok
3	PEM	PEM	PD090960.D	05 Nov 2025 09:34		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090961.D	05 Nov 2025 09:47	Comp#4 high in 1st column	AR\AJ	Ok
5	PB170270BL	PB170270BL	PD090962.D	05 Nov 2025 10:12		AR\AJ	Ok
6	PB170371BS	PB170371BS	PD090963.D	05 Nov 2025 10:26	Comp#4 recovery fail	AR\AJ	Not Ok
7	Q3368-06RE	OUTSIDE-DUMPSTER	PD090964.D	05 Nov 2025 10:39	All surrogate fail	AR\AJ	Confirms
8	Q3368-06MS	OUTSIDE-DUMPSTER	PD090965.D	05 Nov 2025 10:53	Not Required	AR\AJ	Not Ok
9	Q3368-06MSD	OUTSIDE-DUMPSTER	PD090966.D	05 Nov 2025 11:07	Not Required	AR\AJ	Not Ok
10	Q3368-07RE	PRESS-SLUDGERE	PD090967.D	05 Nov 2025 11:20	All surrogate fail	AR\AJ	Confirms
11	I.BLK	I.BLK	PD090968.D	05 Nov 2025 11:34		AR\AJ	Ok
12	PSTDCCC050	PSTDCCC050	PD090969.D	05 Nov 2025 11:47	Comp#4 high in 1st column	AR\AJ	Ok
13	PB170400BL	PB170400BL	PD090970.D	05 Nov 2025 12:51		AR\AJ	Ok
14	PB170400BS	PB170400BS	PD090971.D	05 Nov 2025 13:04	Comp#4 recovery fail	AR\AJ	Not Ok
15	Q3532-01	TP-1	PD090972.D	05 Nov 2025 13:18		AR\AJ	Ok,M
16	Q3532-01MS	TP-1MS	PD090973.D	05 Nov 2025 13:32		AR\AJ	Ok,M
17	Q3532-01MSD	TP-1MSD	PD090974.D	05 Nov 2025 13:45		AR\AJ	Ok,M
18	Q3532-05	TP-2	PD090975.D	05 Nov 2025 13:59		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110525

Review By	yogesh	Review On	11/6/2025 3:30:21 AM
Supervise By	mohammad	Supervise On	11/6/2025 3:31:20 AM
SubDirectory	PD110525	HP Acquire Method	HP Processing Method PD101725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3537-01	MW-17-SOIL	PD090976.D	05 Nov 2025 14:13		AR\AJ	Ok,M
20	I.BLK	I.BLK	PD090977.D	05 Nov 2025 14:26		AR\AJ	Ok
21	PSTDCCC050	PSTDCCC050	PD090978.D	05 Nov 2025 16:15		AR\AJ	Ok,M

M : Manual Integration

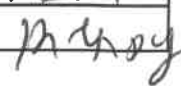
SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 10/21/2025 Time : 14:00
Weigh By :	JP	End Prep Date : 10/22/2025 Time : 07:20
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : NA 10
Extraction By :	JP	Initial Room Temperature: 22 °C
Filter By :	JP	Final Room Temperature: 21 °C
Pipette ID :	WC	TCLP Technician Signature : 
Tumbler ID :	T-1 / T-2	Supervisor By : 12
TCLP Filter ID :	40718710	

Standardized 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	WP114525
HCL-TCLP,1N	N/A	WP114527
HNO3-TCLP,1N	N/A	WP114528
N/A	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	MP86978

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. q3412-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/25 09:30	 / CO Room	SKG. ET / EXT
	Preparation Group	Analysis Group 

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
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB170172TB	LEB172	N/A	N/A	N/A	N/A	N/A	N/A
Q3368-06	OUTSIDE-DUMPSTER	N/A	N/A	N/A	N/A	100	N/A
Q3368-07	PRESS-SLUDGE	N/A	N/A	N/A	N/A	100	N/A
Q3397-04	TP-7-WC	N/A	N/A	N/A	N/A	100	N/A
Q3399-02	COMP-ROLLOFF	N/A	N/A	N/A	N/A	100	N/A
Q3402-03	41-LA	N/A	N/A	N/A	N/A	100	N/A
Q3402-06	41-RA	N/A	N/A	N/A	N/A	100	N/A
Q3402-09	41-LB	N/A	N/A	N/A	N/A	100	N/A
Q3402-12	41-RB	N/A	N/A	N/A	N/A	100	N/A
Q3403-04	MH-18	N/A	N/A	N/A	N/A	100	N/A
Q3404-02	MOO-25-0285-0288	N/A	N/A	N/A	N/A	100	N/A
Q3404-06	MOO-25-0292	N/A	N/A	N/A	N/A	100	N/A
Q3406-02	ARS20-0037	N/A	N/A	N/A	N/A	100	N/A
Q3412-04	TP-6	N/A	N/A	N/A	N/A	100	N/A

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

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB170172TB	LEB172	N/A	N/A	N/A	N/A	#1	4.94
Q3368-06	OUTSIDE-DUMPSTER	5.02	96.5	7.0	2.5	#1	4.94
Q3368-07	PRESS-SLUDGE	5.01	96.5	5.5	1.5	#1	4.94
Q3397-04	TP-7-WC	5.03	96.5	7.6	2.5	#1	4.94
Q3399-02	COMP-ROLLOFF	5.02	96.5	7.0	2.0	#1	4.94
Q3402-03	41-LA	5.01	96.5	7.6	2.5	#1	4.94
Q3402-06	41-RA	5.02	96.5	7.2	2.0	#1	4.94
Q3402-09	41-LB	5.02	96.5	7.2	2.5	#1	4.94
Q3402-12	41-RB	5.03	96.5	7.2	2.5	#1	4.94
Q3403-04	MH-18	5.02	96.5	5.6	1.5	#1	4.94
Q3404-02	MOO-25-0285-0288	5.03	96.5	6.0	2.0	#1	4.94
Q3404-06	MOO-25-0292	5.02	96.5	5.6	1.5	#1	4.94
Q3406-02	ARS20-0037	5.01	96.5	6.0	2.0	#1	4.94
Q3412-04	TP-6	5.02	96.5	8.6	3.0	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q3406 **WorkList ID :** 192576 **Department :** TCLP Extraction **Date :** 10-21-2025 09:34:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3368-06	OUTSIDE-DUMPSTER	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3368-07	PRESS-SLUDGE	Solid	TCLP Extraction	Cool 4 deg C	ARAM01	D41	10/16/2025	1311
Q3397-04	TP-7-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/18/2025	1311
Q3399-02	COMP-ROLLOFF	Solid	TCLP Extraction	Cool 4 deg C	ICES02	D41	10/20/2025	1311
Q3402-03	41-LA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-06	41-RA	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-09	41-LB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3402-12	41-RB	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311
Q3403-04	MH-18	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-02	MOO-25-0285-0288	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3404-06	MOO-25-0292	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3406-02	ARS20-0037	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D41	10/20/2025	1311
Q3412-04	TP-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D31	10/20/2025	1311

Date/Time 10/21/25 12:00
Raw Sample Received by: SP [signature]
Raw Sample Relinquished by: CP [signature]

Date/Time 10/21/25 15:30
Raw Sample Received by: CP [signature]
Raw Sample Relinquished by: SP [signature]

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A **Extraction By:** RS

Balance check: N/A **Filter By:** RS

Balance ID: N/A **pH Meter ID:** N/A

pH Strip Lot#: E3953 **Hood ID:** 4,6,7

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

Extraction Start Date : 11/03/2025

Extraction Start Time : 10:15

Extraction End Date : 11/03/2025

Extraction End Time : 14:45

Concentration By: EH

Supervisor By : RUPESH

Standard 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	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721. Samples are Extracted out of holding times.

KD Bath ID: WATER BATH-1 **Envap ID:** N-EVAP-02

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/3/25	RS (Ext Lab)	Y-P Post / PCB
14:50	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 11/03/2025

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170387BL	PBLK387	TCLP Pesticide	1000	6	RUPESH	ritesh	10			SEP-1
PB170387BS	PLCS387	TCLP Pesticide	1000	6	RUPESH	ritesh	10			2
<i>Rs</i> <i>11/3</i> PB170387TB 170172	PB170387TB 170172	TCLP Pesticide	100	6	RUPESH	ritesh	10			3
Q3368-06	OUTSIDE-DUMPSTER	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		4
Q3368-06MS	OUTSIDE-DUMPSTERMS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
Q3368-06MS D	OUTSIDE-DUMPSTERMSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
Q3368-07	PRESS-SLUDGE	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7

* Extracts relinquished on the same date as received.

Rs
11/03

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
PB170172TB	LEB172	14	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q3368-06	OUTSIDE-DUMPSTER	01	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q3368-07	PRESS-SLUDGE	02	100.03	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q3397-04	TP-7-WC	03	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q3399-02	COMP-ROLLOFF	04	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q3402-03	41-LA	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3402-06	41-RA	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-09	41-LB	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q3402-12	41-RB	08	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q3403-04	MH-18	09	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q3404-02	MOO-25-0285-0288	10	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q3404-06	MOO-25-0292	11	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q3406-02	ARS20-0037	12	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q3412-04	TP-6	13	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-2

10/22/25
09130

Prep Standard - Chemical Standard Summary

Order ID : Q3368

Test : TCLP Pesticide

Prepbatch ID : PB170387,

Sequence ID/Qc Batch ID: pd110425,PD110525,

Standard ID :

EP2655,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,P
P24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,P
P24760,PP24761,PP24762,PP24763,PP24764,PP24766,PP24942,

Chemical ID :

E3875,E3941,E3944,E3955,E3956,E3971,E3980,E3981,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13
780,P13786,P13788,P13862,P9053,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2655	10/24/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/24/2025
<u>FROM</u> 4000.00000gram of E3875 = Final Quantity: 4000.000 gram								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
4027	Pesticide resolution Check Mixture 8081	PP24651	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel 07/22/2025
<u>FROM</u> 1.00000ml of P13246 + 99.00000ml of E3941 = Final Quantity: 100.000 ml								

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3629	20 PPM PEST stock Solution 1st source(RESTEK)	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1472	20 PPM Pest Stock Solution 2nd Source	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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1273	20 PPM Mirex Stock (Primary Source)	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



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

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

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

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

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



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

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

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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3746	1000/100 ppb Chlordane STD-RESTEK 2ND SOURCE	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3669	1000/100 PPB TOXAPHENE STD 2nd source (RESTEK)	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3632	50 PPB ICAL PEST STD(RESTEK)	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3634	5 PPB ICAL PEST STD(RESTEK)	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
528	CHLOR 750 PPB STD	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
530	CHLOR 250 PPB STD	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
532	CHLOR 500 PPB ICV STD	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
534	TOX 500 PPB STD	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2217	TOX 100 PPB STD	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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
79	500 PPB Pesticide Spike Solution	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



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
758	PEM Mix w/Surr	PP24942	09/24/2025	03/24/2026	Abdul Mirza	None	None	Yogesh Patel 10/10/2025
<u>FROM</u> 1.00000ml of P13780 + 99.00000ml of E3971 = Final Quantity: 100.000 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	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	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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

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	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

CHEMICAL RECEIPT LOG BOOK

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)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

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)	25C0362006	04/30/2026	10/27/2025 / RUPESH	10/22/2025 / RUPESH	E3981

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

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	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	32074 / Pesticide Performance Evaluation Mix w/Surrogate	A0213999	03/24/2026	09/24/2025 / Abdul	11/19/2024 / Ankita	P13780

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

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



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

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO 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 foreign 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.

RE-02-01, Ed. 3

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 RI on 6/11/25

E3941

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
 If there are any questions with this certificate, please call at (800) 227-6701.
 *Based on suggested storage condition.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

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

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

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

E3944

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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



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) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

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

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

Received on 7/16/25

E 3955

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

 **avantors**[™]



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

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

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

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

Received on 7/16/25

E3956



Jamie Croak
Director Quality Operations, Bioscience Production

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



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

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

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

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

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

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



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
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	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

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

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

REC. on 10/10/25
RJ

E3980

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™



Material No.: 9262-03

Batch No.: 25C0362006

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	4
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

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

Received on 10/22/25

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

E3981

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



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32291 **Lot No.:** A0199099

Description : Organochlorine Pesticide Mix AB #1

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

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

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

Ship: Ambient

P130397 5
↓
P13043 1
✓
12-26-2023

CERTIFIED VALUES

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

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

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

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

P13039
 ↓
 P13043
 5
 1
 JAW
 12/26/23

Quality Confirmation Test

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

Carrier Gas:
 helium-constant pressure 20 psi.

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

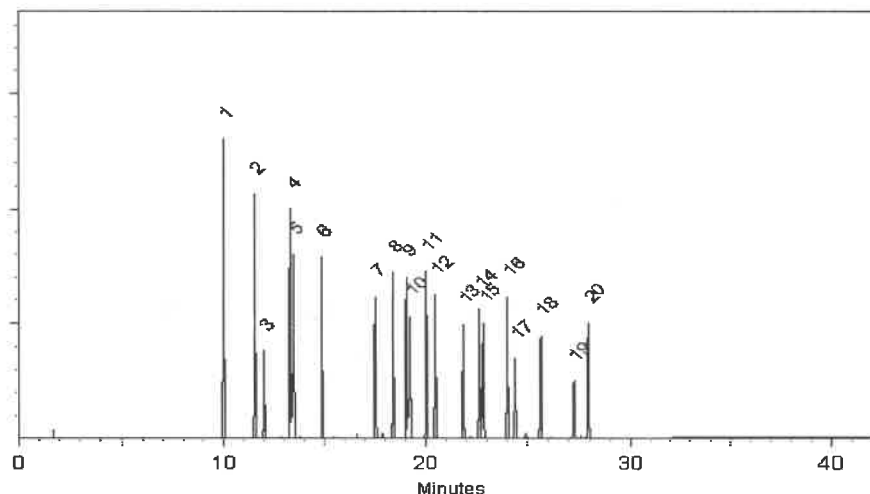
Inj. Temp:
 200°C

Det. Temp:
 300°C

Det. Type:
 ECD

Split Vent:
 Split ratio 50:1

Inj. Vol
 1µl



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

Josh McCloskey
 Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023

Balance Serial # 1128360905

Jennifer Pollino
 Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

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

01/17/2024
HMF

13/199
13/199
13/199
13/199
13/199



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

Ship: Ambient

P 12603
↓
P 12605
[3]
✓ Raut
7/3/2023

CERTIFIED VALUES

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

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

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

Tech Tips:

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

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

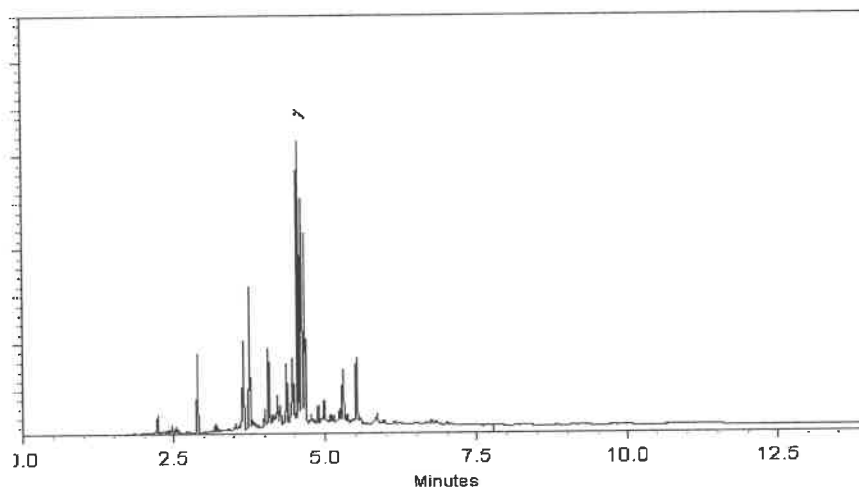
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



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


Morgan Craighead - Mix Technician

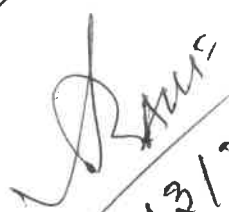
Date Mixed: 11-May-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P 12603 } (3)
↓
P 12605

7/3/2023



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No.: 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

Handwritten: P 12606
P 12610
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:

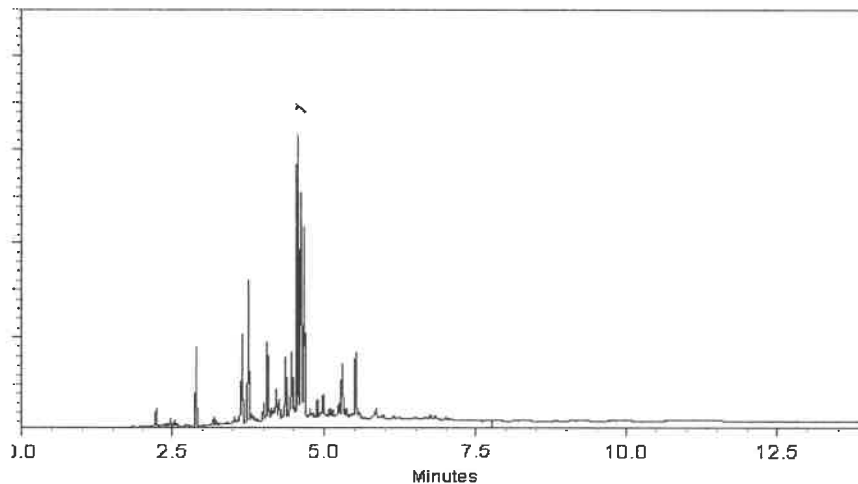
ECD

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



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Organochlorine Pesticide Mix AB #1

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

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

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

Ship: Ambient

P 13034
↓
P 13038
12.26.2023

CERTIFIED VALUES

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

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

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

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

P13034
P13038
1
5
12/26/2023

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

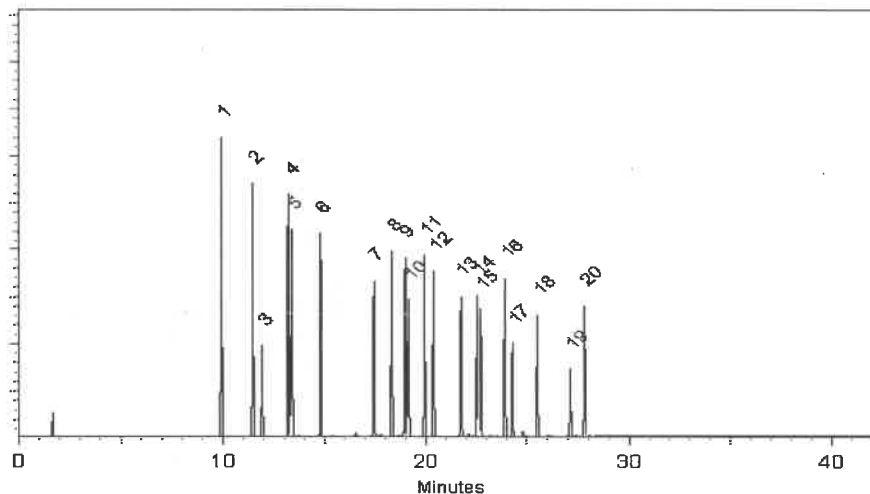
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



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

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023

Balance Serial # B442140311

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

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



CERTIFIED WEIGHT REPORT

Part Number:	19161		
Lot Number:	013124		
Description:	CLP Pesticides & PCBs Resolution Check Standard		
Expiration Date:	013129	Solvent(s):	Lot#
Recommended Storage:	Refrigerate (4 °C)	Hexane	273615 (50%)
Nominal Concentration (µg/mL):	Varied	Toluene	28508 (50%)
NIST Test ID#:	6UTB	Balance Uncertainty:	5E-05
Volume(s) shown below were combined and diluted to (mL):	100.0	Pipet Uncertainty:	0.021

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

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty (mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (±) µg/mL	CAS#	SDS Information	
										(Solvent Safety Info. On Attached pg.)	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)	or-rat 500mg/kg
2. Endosulfan I	19361	013124	0.010	1.00	0.004	101.3	1.0	0.02	959-98-8	0.1mg/m3 (skin)	or-rat 18mg/kg
3. 4,4'-DDE	19361	013124	0.010	1.00	0.004	201.6	2.0	0.03	72-55-9	N/A	or-rat 880mg/kg
4. Dieldrin	19361	013124	0.010	1.00	0.004	202.8	2.0	0.03	60-57-1	0.25mg/m3 (skin)	or-rat 36300µg/kg
5. Endosulfan sulfate	19361	013124	0.010	1.00	0.004	204.2	2.0	0.03	1031-07-8	N/A	or-rat 18mg/kg
6. Endrin ketone	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	53494-70-5	N/A	N/A
7. 4,4-Methoxychlor	19361	013124	0.010	1.00	0.004	1000.7	10.0	0.09	72-43-5	10mg/m3	or-rat 6000mg/kg
8. 2,4,5,6-Tetrachloro-m-xylene	19361	013124	0.010	1.00	0.004	202.6	2.0	0.03	877-09-8	N/A	N/A
9. Decachlorobiphenyl (209)	19361	013124	0.010	1.00	0.004	202.0	2.0	0.03	2051-24-3	N/A	N/A

P13243
P13244
(5)

P13244
P13245
P13246
P13247
P13248
P13249
P13250
P13251
P13252
P13253
P13254
P13255
P13256
P13257
P13258
P13259
P13260
P13261
P13262
P13263
P13264
P13265
P13266
P13267
P13268
P13269
P13270
P13271
P13272
P13273
P13274
P13275
P13276
P13277
P13278
P13279
P13280
P13281
P13282
P13283
P13284
P13285
P13286
P13287
P13288
P13289
P13290
P13291
P13292
P13293
P13294
P13295
P13296
P13297
P13298
P13299
P13300
P13301
P13302
P13303
P13304
P13305
P13306
P13307
P13308
P13309
P13310
P13311
P13312
P13313
P13314
P13315
P13316
P13317
P13318
P13319
P13320
P13321
P13322
P13323
P13324
P13325
P13326
P13327
P13328
P13329
P13330
P13331
P13332
P13333
P13334
P13335
P13336
P13337
P13338
P13339
P13340
P13341
P13342
P13343
P13344
P13345
P13346
P13347
P13348
P13349
P13350
P13351
P13352
P13353
P13354
P13355
P13356
P13357
P13358
P13359
P13360
P13361
P13362
P13363
P13364
P13365
P13366
P13367
P13368
P13369
P13370
P13371
P13372
P13373
P13374
P13375
P13376
P13377
P13378
P13379
P13380
P13381
P13382
P13383
P13384
P13385
P13386
P13387
P13388
P13389
P13390
P13391
P13392
P13393
P13394
P13395
P13396
P13397
P13398
P13399
P13400
P13401
P13402
P13403
P13404
P13405
P13406
P13407
P13408
P13409
P13410
P13411
P13412
P13413
P13414
P13415
P13416
P13417
P13418
P13419
P13420
P13421
P13422
P13423
P13424
P13425
P13426
P13427
P13428
P13429
P13430
P13431
P13432
P13433
P13434
P13435
P13436
P13437
P13438
P13439
P13440
P13441
P13442
P13443
P13444
P13445
P13446
P13447
P13448
P13449
P13450
P13451
P13452
P13453
P13454
P13455
P13456
P13457
P13458
P13459
P13460
P13461
P13462
P13463
P13464
P13465
P13466
P13467
P13468
P13469
P13470
P13471
P13472
P13473
P13474
P13475
P13476
P13477
P13478
P13479
P13480
P13481
P13482
P13483
P13484
P13485
P13486
P13487
P13488
P13489
P13490
P13491
P13492
P13493
P13494
P13495
P13496
P13497
P13498
P13499
P13500
P13501
P13502
P13503
P13504
P13505
P13506
P13507
P13508
P13509
P13510
P13511
P13512
P13513
P13514
P13515
P13516
P13517
P13518
P13519
P13520
P13521
P13522
P13523
P13524
P13525
P13526
P13527
P13528
P13529
P13530
P13531
P13532
P13533
P13534
P13535
P13536
P13537
P13538
P13539
P13540
P13541
P13542
P13543
P13544
P13545
P13546
P13547
P13548
P13549
P13550
P13551
P13552
P13553
P13554
P13555
P13556
P13557
P13558
P13559
P13560
P13561
P13562
P13563
P13564
P13565
P13566
P13567
P13568
P13569
P13570
P13571
P13572
P13573
P13574
P13575
P13576
P13577
P13578
P13579
P13580
P13581
P13582
P13583
P13584
P13585
P13586
P13587
P13588
P13589
P13590
P13591
P13592
P13593
P13594
P13595
P13596
P13597
P13598
P13599
P13600
P13601
P13602
P13603
P13604
P13605
P13606
P13607
P13608
P13609
P13610
P13611
P13612
P13613
P13614
P13615
P13616
P13617
P13618
P13619
P13620
P13621
P13622
P13623
P13624
P13625
P13626
P13627
P13628
P13629
P13630
P13631
P13632
P13633
P13634
P13635
P13636
P13637
P13638
P13639
P13640
P13641
P13642
P13643
P13644
P13645
P13646
P13647
P13648
P13649
P13650
P13651
P13652
P13653
P13654
P13655
P13656
P13657
P13658
P13659
P13660
P13661
P13662
P13663
P13664
P13665
P13666
P13667
P13668
P13669
P13670
P13671
P13672
P13673
P13674
P13675
P13676
P13677
P13678
P13679
P13680
P13681
P13682
P13683
P13684
P13685
P13686
P13687
P13688
P13689
P13690
P13691
P13692
P13693
P13694
P13695
P13696
P13697
P13698
P13699
P13700
P13701
P13702
P13703
P13704
P13705
P13706
P13707
P13708
P13709
P13710
P13711
P13712
P13713
P13714
P13715
P13716
P13717
P13718
P13719
P13720
P13721
P13722
P13723
P13724
P13725
P13726
P13727
P13728
P13729
P13730
P13731
P13732
P13733
P13734
P13735
P13736
P13737
P13738
P13739
P13740
P13741
P13742
P13743
P13744
P13745
P13746
P13747
P13748
P13749
P13750
P13751
P13752
P13753
P13754
P13755
P13756
P13757
P13758
P13759
P13760
P13761
P13762
P13763
P13764
P13765
P13766
P13767
P13768
P13769
P13770
P13771
P13772
P13773
P13774
P13775
P13776
P13777
P13778
P13779
P13780
P13781
P13782
P13783
P13784
P13785
P13786
P13787
P13788
P13789
P13790
P13791
P13792
P13793
P13794
P13795
P13796
P13797
P13798
P13799
P13800
P13801
P13802
P13803
P13804
P13805
P13806
P13807
P13808
P13809
P13810
P13811
P13812
P13813
P13814
P13815
P13816
P13817
P13818
P13819
P13820
P13821
P13822
P13823
P13824
P13825
P13826
P13827
P13828
P13829
P13830
P13831
P13832
P13833
P13834
P13835
P13836
P13837
P13838
P13839
P13840
P13841
P13842
P13843
P13844
P13845
P13846
P13847
P13848
P13849
P13850
P13851
P13852
P13853
P13854
P13855
P13856
P13857
P13858
P13859
P13860
P13861
P13862
P13863
P13864
P13865
P13866
P13867
P13868
P13869
P13870
P13871
P13872
P13873
P13874
P13875
P13876
P13877
P13878
P13879
P13880
P13881
P13882
P13883
P13884
P13885
P13886
P13887
P13888
P13889
P13890
P13891
P13892
P13893
P13894
P13895
P13896
P13897
P13898
P13899
P13900
P13901
P13902
P13903
P13904
P13905
P13906
P13907
P13908
P13909
P13910
P13911
P13912
P13913
P13914
P13915
P13916
P13917
P13918
P13919
P13920
P13921
P13922
P13923
P13924
P13925
P13926
P13927
P13928
P13929
P13930
P13931
P13932
P13933
P13934
P13935
P13936
P13937
P13938
P13939
P13940
P13941
P13942
P13943
P13944
P13945
P13946
P13947
P13948
P13949
P13950
P13951
P13952
P13953
P13954
P13955
P13956
P13957
P13958
P13959
P13960
P13961
P13962
P13963
P13964
P13965
P13966
P13967
P13968
P13969
P13970
P13971
P13972
P13973
P13974
P13975
P13976
P13977
P13978
P13979
P13980
P13981
P13982
P13983
P13984
P13985
P13986
P13987
P13988
P13989
P13990
P13991
P13992
P13993
P13994
P13995
P13996
P13997
P13998
P13999
P14000
P14001
P14002
P14003
P14004
P14005
P14006
P14007
P14008
P14009
P14010
P14011
P14012
P14013
P14014
P14015
P14016
P14017
P14018
P14019
P14020
P14021
P14022
P14023
P14024
P14025
P14026
P14027
P14028
P14029
P14030
P14031
P14032
P14033
P14034
P14035
P14036
P14037
P14038
P14039
P14040
P14041
P14042
P14043
P14044
P14045
P14046
P14047
P14048
P14049
P14050
P14051
P14052
P14053
P14054
P14055
P14056
P14057
P14058
P14059
P14060
P14061
P14062
P14063
P14064
P14065
P14066
P14067
P14068
P14069
P14070
P14071
P14072
P14073
P14074
P14075
P14076
P14077
P14078
P14079
P14080
P14081
P14082
P14083
P14084
P14085
P14086
P14087
P14088
P14089
P14090
P14091
P14092
P14093
P14094
P14095
P14096
P14097
P14098
P14099
P14100
P14101
P14102
P14103
P14104
P14105
P14106
P14107
P14108
P14109
P14110
P14111
P14112
P14113
P14114
P14115
P14116
P14117
P14118
P14119
P14120
P14121
P14122
P14123
P14124
P14125
P14126
P14127
P14128
P14129
P14130
P14131
P14132
P14133
P14134
P14135
P14136
P14137
P14138
P14139
P14140
P14141
P14142
P14143
P14144
P14145
P14146
P14147
P14148
P14149
P14150
P14151
P14152
P14153
P14154
P14155
P14156
P14157
P14158
P14159
P14160
P14161
P14162
P14163
P14164
P14165
P14166
P14167
P14168
P14169
P14170
P14171
P14172
P14173
P14174
P14175
P14176
P14177
P14178
P14179
P14180
P14181
P14182
P14183
P14184
P14185
P14186
P14187
P14188
P14189
P14190
P14191
P14192
P14193
P14194
P14195
P14196
P14197
P14198
P14199
P14200
P14201
P14202
P14203
P14204
P14205
P14206
P14207
P14208
P14209
P14210
P14211
P14212
P14213
P14214
P14215
P14216
P14217
P14218
P14219
P14220
P14221
P14222
P14223
P14224
P14225
P14226
P14227
P14228
P14229
P14230
P14231
P14232
P14233
P14234
P14235
P14236
P14237
P14238
P14239
P14240
P14241
P14242
P14243
P14244
P14245
P14246
P14247
P14248
P14249
P14250
P14251
P14252
P14253
P14254
P14255
P14256
P14257
P14258
P14259
P14260
P14261
P14262
P14263
P14264
P14265
P14266
P14267
P14268
P14269
P14270
P14271
P14272
P14273
P14274
P14275
P14276
P14277
P14278
P14279
P14280
P14281
P14282
P14283
P14284
P14285
P14286
P14287
P14288
P14289
P14290
P14291
P14292
P14293
P14294
P14295
P14296
P14297
P14298
P14299
P14300
P14301
P14302
P14303
P14304
P14305
P14306
P14307
P14308
P14309
P14310
P14311
P14312
P14313
P14314
P14315
P14316
P14317
P14318
P14319
P14320
P14321
P14322
P14323
P14324
P14325
P14326
P14327
P14328
P14329
P14330
P14331
P14332
P14333
P14334
P14335
P14336
P14337
P14338
P14339
P14340
P14341
P14342
P14343
P14344
P14345
P14346
P14347
P14348
P14349
P14350
P14351
P14352
P14353
P14354
P14355
P14356
P14357
P14358
P14359
P14360
P14361
P14362
P14363
P14364
P14365
P14366
P14367
P14368
P14369
P14370
P14371
P14372
P14373
P14374
P14375
P14376
P14377
P14378
P14379
P14380
P14381
P14382
P14383
P14384
P14385
P14386
P14387
P14388
P14389
P14390
P14391
P14392
P14393
P14394
P14395
P14396
P14397
P14398
P14399
P14400
P14401
P14402
P14403
P14404
P14405
P14406
P14407
P14408
P14409
P14410
P14411
P14412
P14413
P14414
P14415
P14416
P14417
P14418
P14419
P14420
P14421
P14422
P14423
P14424
P14425
P14426
P14427
P14428
P14429
P14430
P14431
P14432
P14433
P14434
P14435
P14436
P14437
P14438
P14439
P14440
P14441
P14442
P14443
P14444
P14445
P14446
P14447
P14448
P14449
P14450
P14451
P14452
P14453
P14454
P14455
P14456
P14457
P14458
P14459
P14460
P14461
P14

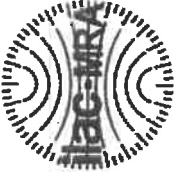


110 Benner Circle
Belleville, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32005 **Lot No.:** A0203038

Description : Toxaphene Standard

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%

Handwritten notes and signatures:

- Signature: *[Signature]*
- Date: *11/19/24*
- Text: *P13779*
- Text: *P13773*

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.)

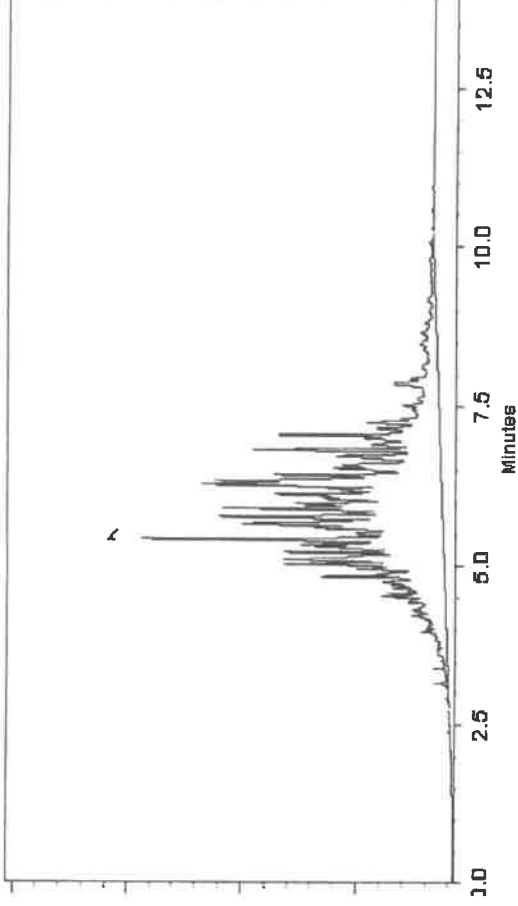
Inj. Temp:
250°C

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.

J.P.

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 #FW 80397

(P)
P13773
P19779
A7
11/19/24
10-50



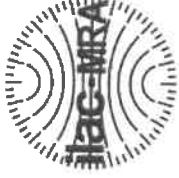
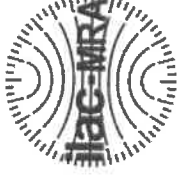
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No.: 32074 **Lot No.:** A0213999

Description: Pesticide Performance Eval Mix w/Surrogate

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

Expiration Date: July 31, 2028 **Storage:** 10°C or colder

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

918780 AJ
11/19/24

918784

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%	2.0 µg/mL	+/- 0.1506
2	alpha-BHC	319-84-6	15279000	99%	1.0 µg/mL	+/- 0.0749
3	gamma-BHC (Lindane)	58-89-9	14931300	97%	1.0 µg/mL	+/- 0.0756
4	beta-BHC	319-85-7	BCCC6425	99%	1.0 µg/mL	+/- 0.0749
5	Endrin	72-20-8	15076100	98%	5.0 µg/mL	+/- 0.3769
6	4,4'-DDT	50-29-3	231103JLM	97%	10.0 µg/mL	+/- 0.7512
7	Methoxychlor	72-43-5	14979500	98%	24.8 µg/mL	+/- 1.8543
8	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	2.0 µg/mL	+/- 0.1513

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

Solvent: Hexane
CAS # 110-54-3
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 .2µm
Rtx-CLP II (cat.# 111323)

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:

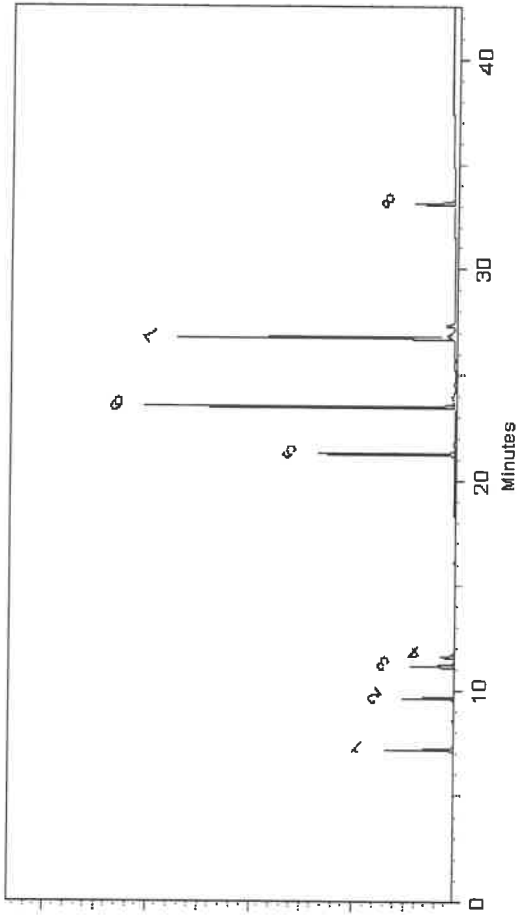
ECD

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.

Malina Homan

Malina Homan - Operations Technician I

Date Mixed: 17-Jul-2024

Balance Serial # 1128353505

Jennifer Pollino

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Jul-2024

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



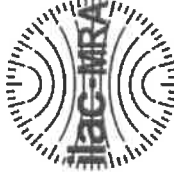
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

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

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

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

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

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

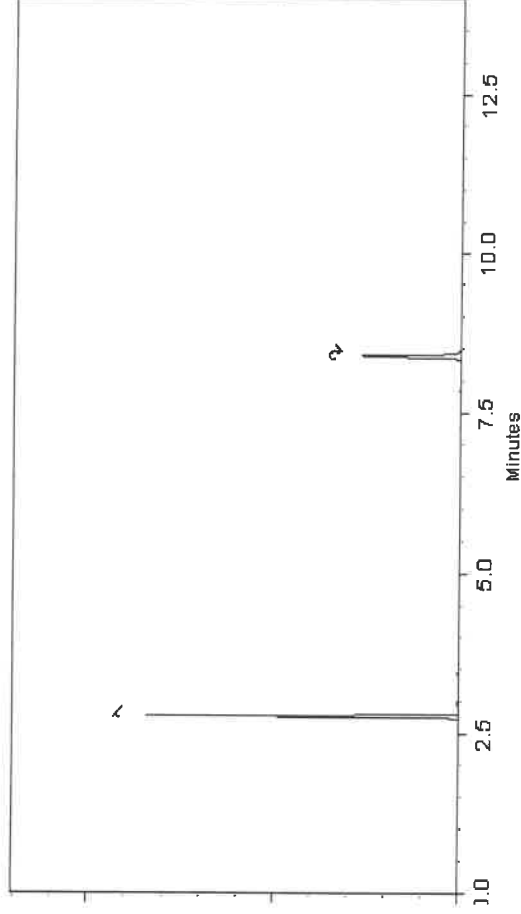
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

A. O. P.
Aaron Enyart - Operations Tech I

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

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



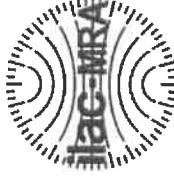
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

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

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

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

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

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

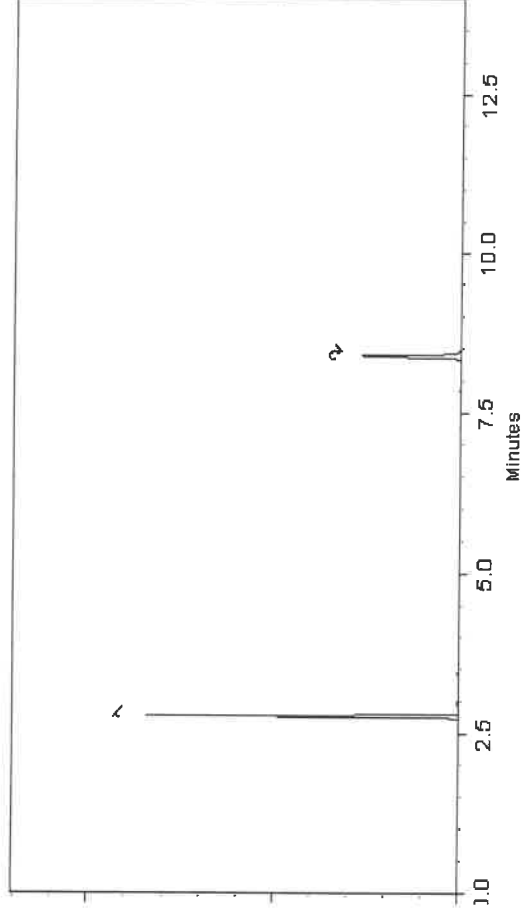
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

A. O. P.
Aaron Enyart - Operations Tech I

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

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32005 **Lot No.:** A0210240

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

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

Expiration Date : July 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	----%	1,009.3 µg/mL	+/- 56.0105

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

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

P13861
P13862

12/9/2024

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

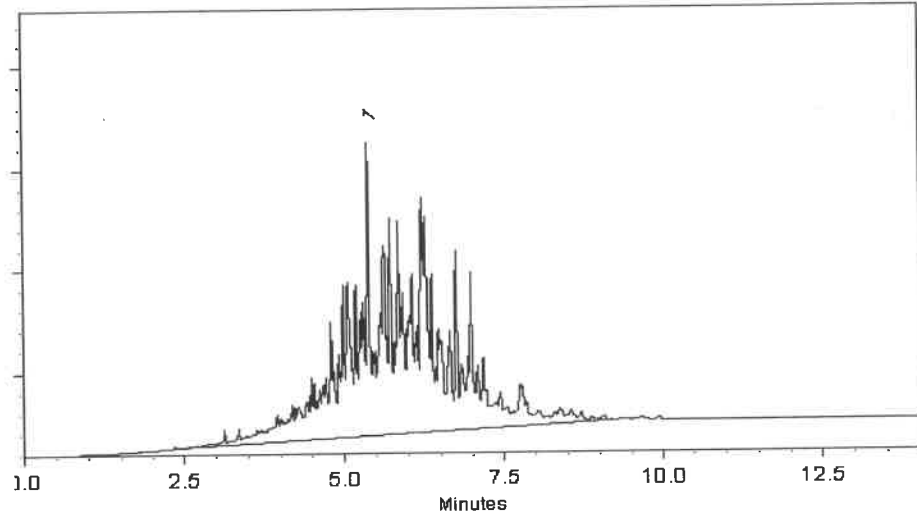
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



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


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311

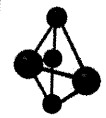

Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

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

P13861 } ②
P13862 }


12/9/2024



CERTIFIED WEIGHT REPORT

Part Number: **72072**
Lot Number: **112018**
Description: **n-Tetracosane-d50**

Expiration Date: **112028**
Recommended Storage: **Ambient (20 °C)**
Nominal Concentration (µg/mL): **1000**
NIST Test ID#: **2684186**

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

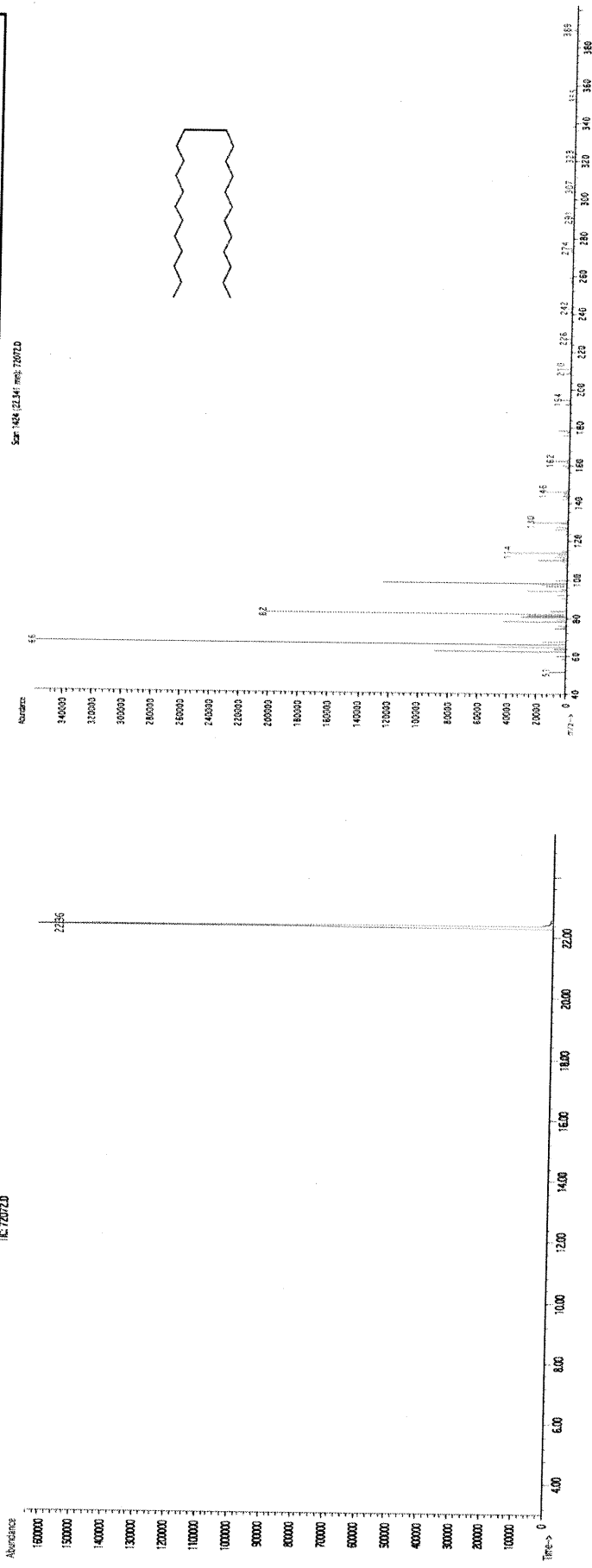
Solvent(s): **Methylene chloride**
Lot#: **102669**

Received by
SG on 11/11/19
p9044-p9053
5E-05 Balance Uncertainty
0.058 Flask Uncertainty

<i>Prashant Chauhan</i>	
Formulated By:	Prashant Chauhan
DATE	112018
<i>Pedro Rentas</i>	
Reviewed By:	Pedro Rentas
DATE	112018

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.)
1. n-Tetracosane-d50	2072	PR-17753/09216TC1	1000	98	0.2	0.20411	0.20415	1000.2	4.2	18416-32-3 N/A
Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 250°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Candice Warren.										

TC 720720



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



Run 40, "P72072 L112018 [1000µg/mL in MeCl2]"

Run Length: 35.00 min, 20999 points at 10 points/second.

Created: Thu, Nov 22, 2018 at 7:23:18 AM.

Sampled: Sequence "112018-GC4M1", Method "GC4-M1".

Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier

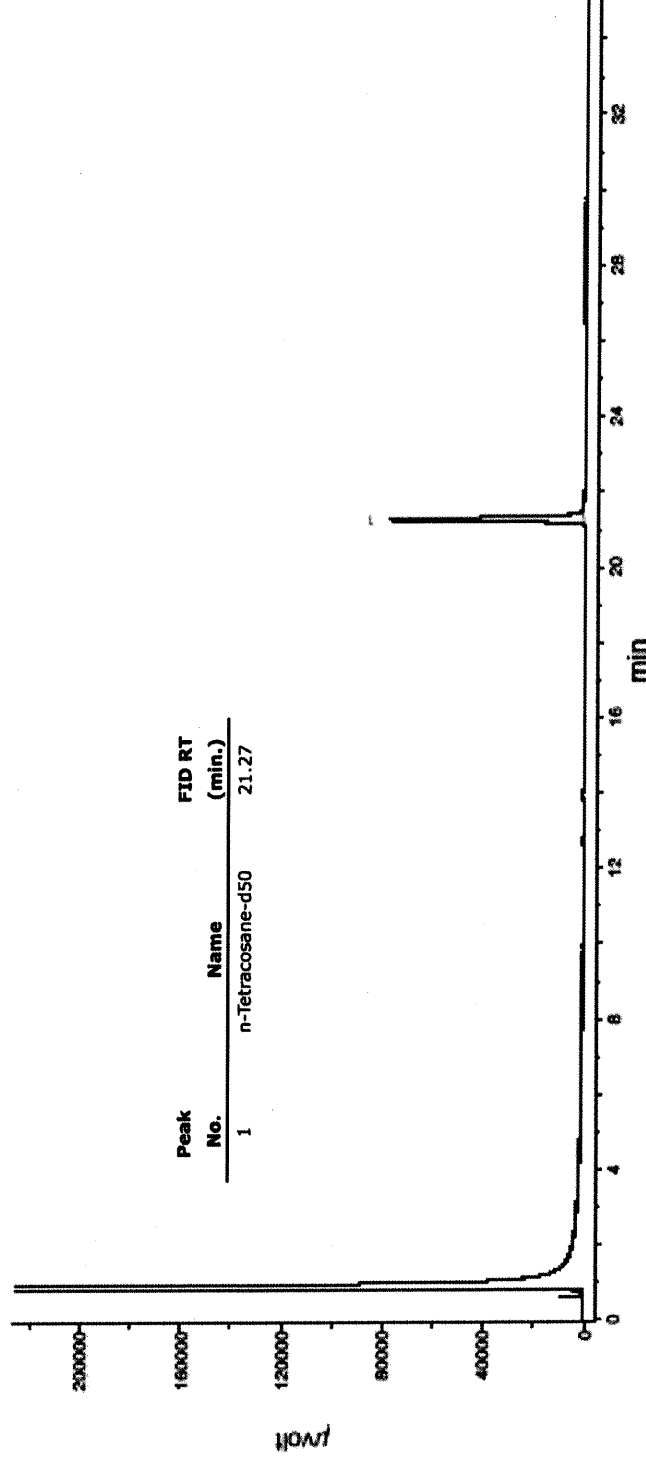
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

Flow rates: Total Flow = 300 mL/min, Helium (carrier) = 6.5 mL, Helium (make-up) = 25 mL, Hydrogen (detector) = 30 mL, Air (detector) = 360 mL

Oven Temp 1 = 50°C (1 min), Rate = 10°C/min, Oven Temp 2 = 300°C (9 min), Total Run Time = 35 Minutes.

Injector Temp = 200°C, FID Temp = 300°C, FID Signal = eDAQ Channel 1.

Gas Chromatograph = HP 5890, Auto Sampler = HP 7673, Standard Injection = 0.5 µL, Range = 3





SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Aramark Uniforms
ADDRESS: 740 Frelinghuysen Ave
CITY: Newark STATE: NJ ZIP: 07114
ATTENTION: Jarrod Mills
PHONE: 973-824-1101 FAX: _____

PROJECT NAME: _____
PROJECT NO.: _____ LOCATION: _____
PROJECT MANAGER: _____
e-mail: _____
PHONE: _____ FAX: _____

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

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

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

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

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Outside Dumpster	S		✓	10-16-25	1300	7										
2.	Press Sludge	I		✓	10-16-25	1304	7										
3.	Tank 1	I		✓	10-16-25	1308	7										
4.	Tank 2	I		✓	10-16-25	1312	7										
5.	Oil Sludge	I		✓	10-16-25	1315	7										
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 10-16-25 RECEIVED BY: 10-16-25
RELINQUISHED BY SAMPLER: 10-16-25 RECEIVED BY: 10-16-25
RELINQUISHED BY SAMPLER: 10-16-25 RECEIVED BY: 10-16-25

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: _____

Page _____ of _____ CLIENT: ☐ Hand Delivered ☐ Other _____
Shipment Complete ☐ YES ☐ NO



Outlook

RE: [WMSolutions.com] Profile 100601PAE (Vestis Uniform Services) has been returned to your drafts tab

From Barnes, Tommy <tommy.barnes@vestis.com>

Date Mon 10/6/2025 10:25 AM

To Vanegas, Jose <Jose.Vanegas@vestis.com>

Cc Dikos, Tom <tom.dikos@vestis.com>; Castillo Vasquez, Gustavo A. <gustavo.castillo@vestis.com>; Williams III, Jack <jack.williams@vestis.com>; Romain, Sobner <sobner.romain@vestis.com>

Jose,

I will complete Form 25R and also fix the section G of the profile.

Unfortunately, it looks like we need to run additional analysis on the sludge per the landfill.

Can you please call your lab (Alliance Technical Group 908-789-8900) and let them know you need to analyze your filter cake asap? It should be analyzed for the following:

- Oil & Grease (as received)
- Paint Filter Test
- Total PCBs (mg/kg)
- Total Solids (as received)
- Total Volatile Solids (as received)
- Ammonia-Nitrogen (ASTM Extraction - mg/L)
- Chemical Oxygen Demand (ASTM Extraction - mg/L)
- Oil & Grease (ASTM Extraction - mg/L)
- Total Solids (ASTM Extraction - mg/L)
- pH (ASTM Extraction)
- TCLP Copper
- TCLP Nickel
- TCLP Zinc
- TCLP Pesticides TCLP Herbicides

Thanks,

Tommy Barnes

Manager, Environmental Compliance

M: 317.910.4373

tommy.barnes@vestis.com | www.vestis.com



© 2023 Vestis. All rights reserved. This communication, including attachments, is for the exclusive use of addressee as directed by Vestis and may contain proprietary, confidential and/or privileged information. If you are not the intended recipient, any use, copying, disclosure, dissemination or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this communication and destroy all copies.

From: Vanegas, Jose <Jose.Vanegas@vestis.com>

Sent: Monday, October 6, 2025 8:51 AM

To: Barnes, Tommy <tommy.barnes@vestis.com>

From: Barnes, Tommy <tommy.barnes@vestis.com>
Sent: Tuesday, October 28, 2025 3:02 PM
To: Yazmeen Gomez
Cc: Dikos, Tom; Vanegas, Jose
Subject: FW: SLUDGE ANALYZE (Section G)
Attachments: Summary Report Details For Project Monthly 2025-Q3368.; Summary Report Details For Project Monthly 2025-Q3368.

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Yazmeen,
Thanks for taking my call. Per our discussion, the landfill is requesting the following additional analysis. It looks like the same list that was previously provided and included with the lab report.
Can you check to see if the analysis was already done?
If it wasn't, can you let us know if you have enough sample on hand to complete? We would also like to request a rush turn-around on the results if possible.

- Oil & Grease (as received)
 - Total Solids (as received)
 - Total Volatile Solids (as received)
 - Ammonia-Nitrogen (ASTM Extraction - mg/L)
 - Chemical Oxygen Demand (ASTM Extraction - mg/L)
 - Oil & Grease (ASTM Extraction - mg/L)
 - Total Solids (ASTM Extraction - mg/L)
 - pH (ASTM Extraction)
 - TCLP Copper
 - TCLP Nickel
 - TCLP Zinc
 - TCLP Pesticides
 - TCLP Herbicides

Thanks,

Tommy Barnes
Manager, Environmental Compliance
M: 317.910.4373
tommy.barnes@vestis.com | www.vestis.com



© 2023 Vestis. All rights reserved. This communication, including attachments, is for the exclusive use of addressee as directed by Vestis and may contain proprietary, confidential and/or privileged information. If you are not the intended recipient, any use, copying, disclosure, dissemination or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this communication and destroy all copies.

From: Dikos, Tom <tom.dikos@vestis.com>
Sent: Tuesday, October 28, 2025 9:24 AM
To: Barnes, Tommy <tommy.barnes@vestis.com>
Subject: FW: SLUDGE ANALYZE (Section G)

Is this everything needed for the Newark profile renewal.

Could you please work with Jose to complete.

Thanks,

Tom Dikos
Director, Environmental Compliance
M: 708.567.0275
tom.dikos@vestis.com | www.vestis.com



[LinkedIn](#) | [Facebook](#) | [X](#) | [Instagram](#)

Visit shop.vestis.com to purchase the best in uniforms and workwear.



From: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Sent: Monday, October 27, 2025 2:59 PM
To: Vanegas, Jose <Jose.Vanegas@vestis.com>
Cc: Barnes, Tommy <tommy.barnes@vestis.com>; Dikos, Tom <tom.dikos@vestis.com>; Castillo Vasquez, Gustavo A. <gustavo.castillo@vestis.com>; Romain, Sobner <sobner.romain@vestis.com>
Subject: RE: SLUDGE ANALYZE (Section G)

CAUTION: This email was sent from outside of Vestis. Please do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

Please see attached unsure if this has already been forwarded over to you.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com     



From: Vanegas, Jose <Jose.Vanegas@vestis.com>
Sent: Thursday, October 23, 2025 11:48 AM
To: Yazmeen Gomez <yazmeen.gomez@alliancetg.com>
Cc: Barnes, Tommy <tommy.barnes@vestis.com>; Dikos, Tom <tom.dikos@vestis.com>; Castillo Vasquez, Gustavo A. <gustavo.castillo@vestis.com>; Romain, Sobner <sobner.romain@vestis.com>
Subject: Re: SLUDGE ANALYZE (Section G)

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Good morning, Yazmeen:
Could you please send me the results of the sludge analysis?

Thank you.

Jose Vanegas
Industrial Maintenance Manager
740 Frelinghuysen Avenue
Newark, NJ 07114
P: (973) 824-1101
C: (908) 323-9050
jose.vanegas@vestis.com



From: Vanegas, Jose
Sent: Wednesday, October 8, 2025 10:13 AM
To: yazmeen.gomez@alliancetg.com <yazmeen.gomez@alliancetg.com>
Cc: Barnes, Tommy <tommy.barnes@vestis.com>; Dikos, Tom <tom.dikos@vestis.com>; Castillo Vasquez, Gustavo A. <gustavo.castillo@vestis.com>; Romain, Sobner <sobner.romain@vestis.com>
Subject: SLUDGE ANALYZE (Section G)

Good morning, Yazmeen:
Our company requires your technical services for a sludge analysis. Could you please send one of your technicians for this analysis, ASAP. (See the attachment)

Thank you.

Jose Vanegas
Industrial Maintenance Manager
740 Frelinghuysen Avenue
Newark, NJ 07114
P: (973) 824-1101
C: (908) 323-9050
jose.vanegas@vestis.com



Aramark Uniform Services is now Vestis! Visit www.vestis.com to learn more.

© 2023 Vestis. All rights reserved. This communication, including attachments, is for the exclusive use of addressee as directed by Vestis and may contain proprietary, confidential and/or privileged information. If you are not the intended recipient, any use, copying, disclosure, dissemination or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this communication and destroy all copies.

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312