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

Hit Summary Sheet
SW-846

SDG No.: Q3649 **Order ID:** Q3649

Client: HDR, Inc. **Project ID:** PVWC Linear Construction

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DUPE-0.0-0.5-20251114								
Q3649-03	DUPE-0.0-0.5-202511	SOIL	4,4-DDT	2.60	P	0.16	2.00	ug/kg
			Total Concentration:	**2.600**				

SAMPLE DATA

Raw Data: **PD091237.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	B5-0.0-0.5-20251114	SDG No.:	Q3649
Lab Sample ID:	Q3649-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	90.6
Sample Wt/Vol:	30.02 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.14	U	1	0.14	1.90	ug/kg	11/17/25 21:11	PB170575
319-85-7	beta-BHC	0.20	U	1	0.20	1.90	ug/kg	11/17/25 21:11	PB170575
319-86-8	delta-BHC	0.43	U	1	0.43	1.90	ug/kg	11/17/25 21:11	PB170575
58-89-9	gamma-BHC (Lindane)	0.15	U	1	0.15	1.90	ug/kg	11/17/25 21:11	PB170575
76-44-8	Heptachlor	0.13	U	1	0.13	1.90	ug/kg	11/17/25 21:11	PB170575
309-00-2	Aldrin	0.13	U	1	0.13	1.90	ug/kg	11/17/25 21:11	PB170575
1024-57-3	Heptachlor epoxide	0.21	U	1	0.21	1.90	ug/kg	11/17/25 21:11	PB170575
959-98-8	Endosulfan I	0.15	U	1	0.15	1.90	ug/kg	11/17/25 21:11	PB170575
60-57-1	Dieldrin	0.15	U	1	0.15	1.90	ug/kg	11/17/25 21:11	PB170575
72-55-9	4,4-DDE	0.15	U	1	0.15	1.90	ug/kg	11/17/25 21:11	PB170575
72-20-8	Endrin	0.15	U	1	0.15	1.90	ug/kg	11/17/25 21:11	PB170575
33213-65-9	Endosulfan II	0.32	U	1	0.32	1.90	ug/kg	11/17/25 21:11	PB170575
72-54-8	4,4-DDD	0.17	U	1	0.17	1.90	ug/kg	11/17/25 21:11	PB170575
1031-07-8	Endosulfan Sulfate	0.14	U	1	0.14	1.90	ug/kg	11/17/25 21:11	PB170575
50-29-3	4,4-DDT	0.15	U	1	0.15	1.90	ug/kg	11/17/25 21:11	PB170575
72-43-5	Methoxychlor	0.41	U	1	0.41	1.90	ug/kg	11/17/25 21:11	PB170575
53494-70-5	Endrin ketone	0.21	U	1	0.21	1.90	ug/kg	11/17/25 21:11	PB170575
7421-93-4	Endrin aldehyde	0.41	U	1	0.41	1.90	ug/kg	11/17/25 21:11	PB170575
5103-71-9	alpha-Chlordane	0.13	U	1	0.13	1.90	ug/kg	11/17/25 21:11	PB170575
5103-74-2	gamma-Chlordane	0.17	U	1	0.17	1.90	ug/kg	11/17/25 21:11	PB170575
8001-35-2	Toxaphene	6.00	U	1	6.00	36.4	ug/kg	11/17/25 21:11	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.7			30 (10) - 150 (143)	84%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.9			30 (10) - 150 (131)	89%	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

Raw Data: **PD091238.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	DUPE-0.0-0.5-20251114	SDG No.:	Q3649
Lab Sample ID:	Q3649-03	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.5
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.15	U	1	0.15	2.00	ug/kg	11/17/25 21:24	PB170575
319-85-7	beta-BHC	0.21	U	1	0.21	2.00	ug/kg	11/17/25 21:24	PB170575
319-86-8	delta-BHC	0.45	U	1	0.45	2.00	ug/kg	11/17/25 21:24	PB170575
58-89-9	gamma-BHC (Lindane)	0.16	U	1	0.16	2.00	ug/kg	11/17/25 21:24	PB170575
76-44-8	Heptachlor	0.14	U	1	0.14	2.00	ug/kg	11/17/25 21:24	PB170575
309-00-2	Aldrin	0.14	U	1	0.14	2.00	ug/kg	11/17/25 21:24	PB170575
1024-57-3	Heptachlor epoxide	0.22	U	1	0.22	2.00	ug/kg	11/17/25 21:24	PB170575
959-98-8	Endosulfan I	0.16	U	1	0.16	2.00	ug/kg	11/17/25 21:24	PB170575
60-57-1	Dieldrin	0.16	U	1	0.16	2.00	ug/kg	11/17/25 21:24	PB170575
72-55-9	4,4-DDE	0.16	U	1	0.16	2.00	ug/kg	11/17/25 21:24	PB170575
72-20-8	Endrin	0.16	U	1	0.16	2.00	ug/kg	11/17/25 21:24	PB170575
33213-65-9	Endosulfan II	0.33	U	1	0.33	2.00	ug/kg	11/17/25 21:24	PB170575
72-54-8	4,4-DDD	0.17	U	1	0.17	2.00	ug/kg	11/17/25 21:24	PB170575
1031-07-8	Endosulfan Sulfate	0.15	U	1	0.15	2.00	ug/kg	11/17/25 21:24	PB170575
50-29-3	4,4-DDT	2.60	P	1	0.16	2.00	ug/kg	11/17/25 21:24	PB170575
72-43-5	Methoxychlor	0.43	U	1	0.43	2.00	ug/kg	11/17/25 21:24	PB170575
53494-70-5	Endrin ketone	0.22	U	1	0.22	2.00	ug/kg	11/17/25 21:24	PB170575
7421-93-4	Endrin aldehyde	0.43	U	1	0.43	2.00	ug/kg	11/17/25 21:24	PB170575
5103-71-9	alpha-Chlordane	0.14	U	1	0.14	2.00	ug/kg	11/17/25 21:24	PB170575
5103-74-2	gamma-Chlordane	0.17	U	1	0.17	2.00	ug/kg	11/17/25 21:24	PB170575
8001-35-2	Toxaphene	6.20	U	1	6.20	38.0	ug/kg	11/17/25 21:24	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.2			30 (10) - 150 (143)	71%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.7			30 (10) - 150 (131)	88%	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

Raw Data: **PD091241.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	B4-0.0-0.5-20251114	SDG No.:	Q3649
Lab Sample ID:	Q3649-06	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	91.4
Sample Wt/Vol:	30.01 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.14	U	1	0.14	1.90	ug/kg	11/17/25 22:05	PB170575
319-85-7	beta-BHC	0.20	U	1	0.20	1.90	ug/kg	11/17/25 22:05	PB170575
319-86-8	delta-BHC	0.43	U	1	0.43	1.90	ug/kg	11/17/25 22:05	PB170575
58-89-9	gamma-BHC (Lindane)	0.15	U	1	0.15	1.90	ug/kg	11/17/25 22:05	PB170575
76-44-8	Heptachlor	0.13	U	1	0.13	1.90	ug/kg	11/17/25 22:05	PB170575
309-00-2	Aldrin	0.13	U	1	0.13	1.90	ug/kg	11/17/25 22:05	PB170575
1024-57-3	Heptachlor epoxide	0.21	U	1	0.21	1.90	ug/kg	11/17/25 22:05	PB170575
959-98-8	Endosulfan I	0.15	U	1	0.15	1.90	ug/kg	11/17/25 22:05	PB170575
60-57-1	Dieldrin	0.15	U	1	0.15	1.90	ug/kg	11/17/25 22:05	PB170575
72-55-9	4,4-DDE	0.15	U	1	0.15	1.90	ug/kg	11/17/25 22:05	PB170575
72-20-8	Endrin	0.15	U	1	0.15	1.90	ug/kg	11/17/25 22:05	PB170575
33213-65-9	Endosulfan II	0.32	U	1	0.32	1.90	ug/kg	11/17/25 22:05	PB170575
72-54-8	4,4-DDD	0.16	U	1	0.16	1.90	ug/kg	11/17/25 22:05	PB170575
1031-07-8	Endosulfan Sulfate	0.14	U	1	0.14	1.90	ug/kg	11/17/25 22:05	PB170575
50-29-3	4,4-DDT	0.15	U	1	0.15	1.90	ug/kg	11/17/25 22:05	PB170575
72-43-5	Methoxychlor	0.40	U	1	0.40	1.90	ug/kg	11/17/25 22:05	PB170575
53494-70-5	Endrin ketone	0.21	U	1	0.21	1.90	ug/kg	11/17/25 22:05	PB170575
7421-93-4	Endrin aldehyde	0.40	U	1	0.40	1.90	ug/kg	11/17/25 22:05	PB170575
5103-71-9	alpha-Chlordane	0.13	U	1	0.13	1.90	ug/kg	11/17/25 22:05	PB170575
5103-74-2	gamma-Chlordane	0.16	U	1	0.16	1.90	ug/kg	11/17/25 22:05	PB170575
8001-35-2	Toxaphene	5.90	U	1	5.90	36.1	ug/kg	11/17/25 22:05	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.5			30 (10) - 150 (143)	67%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.1			30 (10) - 150 (131)	91%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
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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

Raw Data: **PD091242.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	B3-0.0-0.5-20251114	SDG No.:	Q3649
Lab Sample ID:	Q3649-08	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86
Sample Wt/Vol:	30.05 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.15	U	1	0.15	2.00	ug/kg	11/17/25 22:19	PB170575
319-85-7	beta-BHC	0.21	U	1	0.21	2.00	ug/kg	11/17/25 22:19	PB170575
319-86-8	delta-BHC	0.45	U	1	0.45	2.00	ug/kg	11/17/25 22:19	PB170575
58-89-9	gamma-BHC (Lindane)	0.16	U	1	0.16	2.00	ug/kg	11/17/25 22:19	PB170575
76-44-8	Heptachlor	0.14	U	1	0.14	2.00	ug/kg	11/17/25 22:19	PB170575
309-00-2	Aldrin	0.14	U	1	0.14	2.00	ug/kg	11/17/25 22:19	PB170575
1024-57-3	Heptachlor epoxide	0.22	U	1	0.22	2.00	ug/kg	11/17/25 22:19	PB170575
959-98-8	Endosulfan I	0.16	U	1	0.16	2.00	ug/kg	11/17/25 22:19	PB170575
60-57-1	Dieldrin	0.16	U	1	0.16	2.00	ug/kg	11/17/25 22:19	PB170575
72-55-9	4,4-DDE	0.16	U	1	0.16	2.00	ug/kg	11/17/25 22:19	PB170575
72-20-8	Endrin	0.16	U	1	0.16	2.00	ug/kg	11/17/25 22:19	PB170575
33213-65-9	Endosulfan II	0.34	U	1	0.34	2.00	ug/kg	11/17/25 22:19	PB170575
72-54-8	4,4-DDD	0.17	U	1	0.17	2.00	ug/kg	11/17/25 22:19	PB170575
1031-07-8	Endosulfan Sulfate	0.15	U	1	0.15	2.00	ug/kg	11/17/25 22:19	PB170575
50-29-3	4,4-DDT	0.16	U	1	0.16	2.00	ug/kg	11/17/25 22:19	PB170575
72-43-5	Methoxychlor	0.43	U	1	0.43	2.00	ug/kg	11/17/25 22:19	PB170575
53494-70-5	Endrin ketone	0.22	U	1	0.22	2.00	ug/kg	11/17/25 22:19	PB170575
7421-93-4	Endrin aldehyde	0.43	U	1	0.43	2.00	ug/kg	11/17/25 22:19	PB170575
5103-71-9	alpha-Chlordane	0.14	U	1	0.14	2.00	ug/kg	11/17/25 22:19	PB170575
5103-74-2	gamma-Chlordane	0.17	U	1	0.17	2.00	ug/kg	11/17/25 22:19	PB170575
8001-35-2	Toxaphene	6.30	U	1	6.30	38.3	ug/kg	11/17/25 22:19	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.3			30 (10) - 150 (143)	81%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.2			30 (10) - 150 (131)	96%	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

QC SUMMARY

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

SDG No.: Q3649

Client: HDR, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD091193.D	PIBLK-PD091193.D	Decachlorobiphen	1	20	20.8	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.5	98		30 (41)	150 (134)
		Decachlorobiphen	2	20	20.1	100		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	20.0	100		30 (41)	150 (134)
I.BLK-PD091218.D	PIBLK-PD091218.D	Decachlorobiphen	1	20	20.0	100		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.6	98		30 (41)	150 (134)
		Decachlorobiphen	2	20	19.3	96		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	22.6	113		30 (41)	150 (134)
PB170575BL	PB170575BL	Decachlorobiphen	1	20	19.1	96		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	18.2	91		30 (10)	150 (131)
		Decachlorobiphen	2	20	19.9	100		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	19.7	98		30 (10)	150 (131)
PB170575BS	PB170575BS	Decachlorobiphen	1	20	23.6	118		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	21.9	109		30 (10)	150 (131)
		Decachlorobiphen	2	20	25.0	125		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	24.0	120		30 (10)	150 (131)
I.BLK-PD091234.D	PIBLK-PD091234.D	Decachlorobiphen	1	20	20.8	104		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	20.0	100		30 (41)	150 (134)
		Decachlorobiphen	2	20	18.9	94		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	21.4	107		30 (41)	150 (134)
Q3649-01	B5-0.0-0.5-20251114	Decachlorobiphen	1	20	16.7	84		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (10)	150 (131)
		Decachlorobiphen	2	20	15.4	77		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	17.9	89		30 (10)	150 (131)
Q3649-03	DUPE-0.0-0.5-20251114	Decachlorobiphen	1	20	14.2	71		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	17.7	88		30 (10)	150 (131)
		Decachlorobiphen	2	20	12.6	63		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	16.6	83		30 (10)	150 (131)
Q3649-03MS	DUPE-0.0-0.5-20251114MS	Decachlorobiphen	1	20	14.4	72		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	16.8	84		30 (10)	150 (131)
		Decachlorobiphen	2	20	12.1	61		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	17.4	87		30 (10)	150 (131)
Q3649-03MSD	DUPE-0.0-0.5-20251114MSD	Decachlorobiphen	1	20	13.1	65		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	16.3	81		30 (10)	150 (131)
		Decachlorobiphen	2	20	11.4	57		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	17.1	86		30 (10)	150 (131)
Q3649-06	B4-0.0-0.5-20251114	Decachlorobiphen	1	20	13.5	67		30 (10)	150 (143)
		Tetrachloro-m-xyl	1	20	17.1	85		30 (10)	150 (131)
		Decachlorobiphen	2	20	11.5	58		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	18.1	91		30 (10)	150 (131)
Q3649-08	B3-0.0-0.5-20251114	Decachlorobiphen	1	20	16.3	81		30 (10)	150 (143)

( ) = LABORATORY INHOUSE LIMIT

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

Surrogate Summary

SDG No.: Q3649

Client: HDR, Inc.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3649-08	B3-0.0-0.5-20251114	Tetrachloro-m-xyl	1	20	19.1	96		30 (10)	150 (131)
		Decachlorobiphen	2	20	14.7	74		30 (10)	150 (143)
		Tetrachloro-m-xyl	2	20	19.2	96		30 (10)	150 (131)
I.BLK-PD091243.D	PIBLK-PD091243.D	Decachlorobiphen	1	20	20.3	102		30 (31)	150 (149)
		Tetrachloro-m-xyl	1	20	19.8	99		30 (41)	150 (134)
		Decachlorobiphen	2	20	17.5	88		30 (31)	150 (149)
		Tetrachloro-m-xyl	2	20	21.2	106		30 (41)	150 (134)

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3649 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD091239.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: **Q3649-03MS (Column 1)**	**Client Sample ID:**		**DUPE-0.0-0.5-20251114MS**								
alpha-BHC	19.24	0	17.5	ug/kg	91				30 (60)	150 (144)	
beta-BHC	19.24	0	16.4	ug/kg	85				30 (54)	150 (143)	
delta-BHC	19.24	0	16.7	ug/kg	87				30 (47)	150 (129)	
gamma-BHC (Lindane)	19.24	0	17.5	ug/kg	91				30 (39)	150 (136)	
Heptachlor	19.24	0	18.2	ug/kg	95				30 (33)	150 (148)	
Aldrin	19.24	0	16.7	ug/kg	87				30 (38)	150 (139)	
Heptachlor epoxide	19.24	0	16.1	ug/kg	84				30 (23)	150 (155)	
Endosulfan I	19.24	0	16.9	ug/kg	88				30 (30)	150 (142)	
Dieldrin	19.24	0	24.0	ug/kg	125				30 (32)	150 (140)	
4,4'-DDE	19.24	0	15.8	ug/kg	82				30 (20)	150 (156)	
Endrin	19.24	0	18.7	ug/kg	97				30 (57)	150 (139)	
Endosulfan II	19.24	0	16.9	ug/kg	88				30 (41)	150 (125)	
4,4'-DDD	19.24	0	15.8	ug/kg	82				30 (47)	150 (163)	
Endosulfan sulfate	19.24	0	15.9	ug/kg	83				30 (43)	150 (125)	
4,4'-DDT	19.24	1.50	21.4	ug/kg	103				30 (25)	150 (149)	
Methoxychlor	19.24	0	18.9	ug/kg	98				30 (32)	150 (132)	
Endrin ketone	19.24	0	15.5	ug/kg	81				30 (27)	150 (142)	
Endrin aldehyde	19.24	0	16.7	ug/kg	87				30 (19)	150 (148)	
alpha-Chlordane	19.24	0	16.2	ug/kg	84				30 (26)	150 (147)	
gamma-Chlordane	19.24	0	16.2	ug/kg	84				30 (30)	150 (142)	
Lab Sample ID: **Q3649-03MS (Column 2)**	**Client Sample ID:**		**DUPE-0.0-0.5-20251114MS**								
alpha-BHC	19.24	0	17.5	ug/kg	91				30 (60)	150 (144)	
beta-BHC	19.24	0	18.2	ug/kg	95				30 (54)	150 (143)	
delta-BHC	19.24	0	16.6	ug/kg	86				30 (47)	150 (129)	
gamma-BHC (Lindane)	19.24	0	17.0	ug/kg	88				30 (39)	150 (136)	
Heptachlor	19.24	0	17.4	ug/kg	90				30 (33)	150 (148)	
Aldrin	19.24	0	16.7	ug/kg	87				30 (38)	150 (139)	
Heptachlor epoxide	19.24	0	16.4	ug/kg	85				30 (23)	150 (155)	
Endosulfan I	19.24	0	14.5	ug/kg	75				30 (30)	150 (142)	
Dieldrin	19.24	0	23.1	ug/kg	120				30 (32)	150 (140)	
4,4'-DDE	19.24	0	16.0	ug/kg	83				30 (20)	150 (156)	
Endrin	19.24	0	17.3	ug/kg	90				30 (57)	150 (139)	
Endosulfan II	19.24	0	15.9	ug/kg	83				30 (41)	150 (125)	
4,4'-DDD	19.24	0	12.6	ug/kg	65				30 (47)	150 (163)	
Endosulfan sulfate	19.24	0	14.8	ug/kg	77				30 (43)	150 (125)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3649 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD091239.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	19.24	2.60	19.8	ug/kg	89				30 (25)	150 (149)	
Methoxychlor	19.24	0	15.4	ug/kg	80				30 (32)	150 (132)	
Endrin ketone	19.24	0	11.7	ug/kg	61				30 (27)	150 (142)	
Endrin aldehyde	19.24	0	15.1	ug/kg	78				30 (19)	150 (148)	
alpha-Chlordane	19.24	0	17.0	ug/kg	88				30 (26)	150 (147)	
gamma-Chlordane	19.24	0	16.6	ug/kg	86				30 (30)	150 (142)	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3649 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD091240.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID:	**Q3649-03MSD (Column 1)**	**Client Sample ID:**		**DUPE-0.0-0.5-20251114MS**							
alpha-BHC	19.22	0	16.9	ug/kg	88		3		30 (60)	150 (144)	30 (15)
beta-BHC	19.22	0	16.5	ug/kg	86		1		30 (54)	150 (143)	30 (15)
delta-BHC	19.22	0	16.4	ug/kg	85		2		30 (47)	150 (129)	30 (20)
gamma-BHC (Lindane)	19.22	0	16.9	ug/kg	88		3		30 (39)	150 (136)	30 (30)
Heptachlor	19.22	0	16.9	ug/kg	88		8		30 (33)	150 (148)	30 (20)
Aldrin	19.22	0	16.2	ug/kg	84		4		30 (38)	150 (139)	30 (30)
Heptachlor epoxide	19.22	0	15.7	ug/kg	82		2		30 (23)	150 (155)	30 (16)
Endosulfan I	19.22	0	16.2	ug/kg	84		5		30 (30)	150 (142)	30 (15)
Dieldrin	19.22	0	23.1	ug/kg	120		4		30 (32)	150 (140)	30 (20)
4,4'-DDE	19.22	0	15.2	ug/kg	79		4		30 (20)	150 (156)	30 (16)
Endrin	19.22	0	18.0	ug/kg	94		3		30 (57)	150 (139)	30 (16)
Endosulfan II	19.22	0	16.3	ug/kg	85		3		30 (41)	150 (125)	30 (15)
4,4'-DDD	19.22	0	15.3	ug/kg	80		2		30 (47)	150 (163)	30 (20)
Endosulfan sulfate	19.22	0	15.2	ug/kg	79		5		30 (43)	150 (125)	30 (15)
4,4'-DDT	19.22	1.50	20.0	ug/kg	96		7		30 (25)	150 (149)	30 (15)
Methoxychlor	19.22	0	17.2	ug/kg	89		10		30 (32)	150 (132)	30 (20)
Endrin ketone	19.22	0	14.8	ug/kg	77		5		30 (27)	150 (142)	30 (15)
Endrin aldehyde	19.22	0	15.8	ug/kg	82		6		30 (19)	150 (148)	30 (15)
alpha-Chlordane	19.22	0	15.4	ug/kg	80		5		30 (26)	150 (147)	30 (20)
gamma-Chlordane	19.22	0	15.7	ug/kg	82		2		30 (30)	150 (142)	30 (15)
Lab Sample ID:	**Q3649-03MSD (Column 2)**	**Client Sample ID:**		**DUPE-0.0-0.5-20251114MS**							
alpha-BHC	19.22	0	17.2	ug/kg	89		2		30 (60)	150 (144)	30 (15)
beta-BHC	19.22	0	17.8	ug/kg	93		2		30 (54)	150 (143)	30 (15)
delta-BHC	19.22	0	16.2	ug/kg	84		2		30 (47)	150 (129)	30 (20)
gamma-BHC (Lindane)	19.22	0	16.6	ug/kg	86		2		30 (39)	150 (136)	30 (30)
Heptachlor	19.22	0	16.3	ug/kg	85		6		30 (33)	150 (148)	30 (20)
Aldrin	19.22	0	16.3	ug/kg	85		2		30 (38)	150 (139)	30 (30)
Heptachlor epoxide	19.22	0	16.0	ug/kg	83		2		30 (23)	150 (155)	30 (16)
Endosulfan I	19.22	0	14.1	ug/kg	73		3		30 (30)	150 (142)	30 (15)
Dieldrin	19.22	0	22.5	ug/kg	117		3		30 (32)	150 (140)	30 (20)
4,4'-DDE	19.22	0	15.4	ug/kg	80		4		30 (20)	150 (156)	30 (16)
Endrin	19.22	0	16.6	ug/kg	86		5		30 (57)	150 (139)	30 (16)
Endosulfan II	19.22	0	15.3	ug/kg	80		4		30 (41)	150 (125)	30 (15)
4,4'-DDD	19.22	0	12.2	ug/kg	63		3		30 (47)	150 (163)	30 (20)
Endosulfan sulfate	19.22	0	14.0	ug/kg	73		5		30 (43)	150 (125)	30 (15)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3649 **Analytical Method:** 8081B

Client: HDR, Inc. **DataFile :** PD091240.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
4,4'-DDT	19.22	2.60	18.1	ug/kg	81		9		30 (25)	150 (149)	30 (15)
Methoxychlor	19.22	0	14.1	ug/kg	73		9		30 (32)	150 (132)	30 (20)
Endrin ketone	19.22	0	10.9	ug/kg	57		7		30 (27)	150 (142)	30 (15)
Endrin aldehyde	19.22	0	14.3	ug/kg	74		5		30 (19)	150 (148)	30 (15)
alpha-Chlordane	19.22	0	16.5	ug/kg	86		2		30 (26)	150 (147)	30 (20)
gamma-Chlordane	19.22	0	17.3	ug/kg	90		5		30 (30)	150 (142)	30 (15)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3649 **Analytical Method:** 8081B

Client: HDR, Inc. **Datafile :** PD091224.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170575BS (Column 1)	alpha-BHC	16.66	16.3	ug/kg	98				40 (84)	140 (123)	
	beta-BHC	16.66	15.6	ug/kg	94				40 (82)	140 (123)	
	delta-BHC	16.66	16.5	ug/kg	99				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	16.3	ug/kg	98				40 (83)	140 (125)	
	Heptachlor	16.66	16.3	ug/kg	98				40 (83)	140 (122)	
	Aldrin	16.66	16.2	ug/kg	97				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	16.0	ug/kg	96				40 (83)	140 (120)	
	Endosulfan I	16.66	16.0	ug/kg	96				40 (81)	140 (124)	
	Dieldrin	16.66	16.3	ug/kg	98				40 (85)	140 (121)	
	4,4'-DDE	16.66	16.3	ug/kg	98				40 (81)	140 (123)	
	Endrin	16.66	15.0	ug/kg	90				40 (76)	140 (130)	
	Endosulfan II	16.66	16.1	ug/kg	97				40 (80)	140 (125)	
	4,4'-DDD	16.66	16.0	ug/kg	96				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	15.9	ug/kg	95				40 (81)	140 (122)	
	4,4'-DDT	16.66	16.5	ug/kg	99				40 (70)	140 (129)	
	Methoxychlor	16.66	15.6	ug/kg	94				40 (60)	140 (119)	
	Endrin ketone	16.66	16.5	ug/kg	99				40 (77)	140 (132)	
	Endrin aldehyde	16.66	16.5	ug/kg	99				40 (79)	140 (124)	
	alpha-Chlordane	16.66	15.3	ug/kg	92				40 (84)	140 (120)	
	gamma-Chlordane	16.66	16.3	ug/kg	98				40 (83)	140 (122)	
PB170575BS (Column 2)	alpha-BHC	16.66	17.1	ug/kg	103				40 (84)	140 (123)	
	beta-BHC	16.66	16.9	ug/kg	101				40 (82)	140 (123)	
	delta-BHC	16.66	17.1	ug/kg	103				40 (83)	140 (126)	
	gamma-BHC (Lindane)	16.66	17.1	ug/kg	103				40 (83)	140 (125)	
	Heptachlor	16.66	16.9	ug/kg	101				40 (83)	140 (122)	
	Aldrin	16.66	17.2	ug/kg	103				40 (82)	140 (124)	
	Heptachlor epoxide	16.66	17.0	ug/kg	102				40 (83)	140 (120)	
	Endosulfan I	16.66	17.1	ug/kg	103				40 (81)	140 (124)	
	Dieldrin	16.66	17.1	ug/kg	103				40 (85)	140 (121)	
	4,4'-DDE	16.66	17.1	ug/kg	103				40 (81)	140 (123)	
	Endrin	16.66	15.6	ug/kg	94				40 (76)	140 (130)	
	Endosulfan II	16.66	17.0	ug/kg	102				40 (80)	140 (125)	
	4,4'-DDD	16.66	16.7	ug/kg	100				40 (80)	140 (131)	
	Endosulfan sulfate	16.66	17.0	ug/kg	102				40 (81)	140 (122)	
	4,4'-DDT	16.66	17.8	ug/kg	107				40 (70)	140 (129)	
	Methoxychlor	16.66	16.6	ug/kg	100				40 (60)	140 (119)	
	Endrin ketone	16.66	17.7	ug/kg	106				40 (77)	140 (132)	
	Endrin aldehyde	16.66	17.6	ug/kg	106				40 (79)	140 (124)	
	alpha-Chlordane	16.66	17.3	ug/kg	104				40 (84)	140 (120)	
	gamma-Chlordane	16.66	17.3	ug/kg	104				40 (83)	140 (122)	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170575BL

Lab Name: Alliance | Contract: HDRI08

Lab Code: ACE | SDG NO.: Q3649

Lab Sample ID: PB170575BL | Lab File ID: PD091223.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 11/17/2025

Date Analyzed (1): 11/17/2025 | Date Analyzed (2): 11/17/2025

Time Analyzed (1): 13:46 | Time Analyzed (2): 13:46

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
PB170575BS	PB170575BS	PD091224.D	11/17/2025	11/17/2025
B5-0.0-0.5-20251114	Q3649-01	PD091237.D	11/17/2025	11/17/2025
DUPE-0.0-0.5-20251114	Q3649-03	PD091238.D	11/17/2025	11/17/2025
DUPE-0.0-0.5-20251114MS	Q3649-03MS	PD091239.D	11/17/2025	11/17/2025
DUPE-0.0-0.5-20251114MSD	Q3649-03MSD	PD091240.D	11/17/2025	11/17/2025
B4-0.0-0.5-20251114	Q3649-06	PD091241.D	11/17/2025	11/17/2025
B3-0.0-0.5-20251114	Q3649-08	PD091242.D	11/17/2025	11/17/2025

COMMENTS:

QC SAMPLE DATA

Raw Data: **PD091223.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170575BL	SDG No.:	Q3649
Lab Sample ID:	PB170575BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.13	U	1	0.13	1.70	ug/kg	11/17/25 13:46	PB170575
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	11/17/25 13:46	PB170575
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	11/17/25 13:46	PB170575
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	11/17/25 13:46	PB170575
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	11/17/25 13:46	PB170575
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	11/17/25 13:46	PB170575
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	11/17/25 13:46	PB170575
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	11/17/25 13:46	PB170575
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	11/17/25 13:46	PB170575
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	11/17/25 13:46	PB170575
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	11/17/25 13:46	PB170575
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	11/17/25 13:46	PB170575
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	11/17/25 13:46	PB170575
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	11/17/25 13:46	PB170575
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	11/17/25 13:46	PB170575
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	11/17/25 13:46	PB170575
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	11/17/25 13:46	PB170575
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	11/17/25 13:46	PB170575
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	11/17/25 13:46	PB170575
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	11/17/25 13:46	PB170575
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	11/17/25 13:46	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.9			30 (10) - 150 (143)	100%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.7			30 (10) - 150 (131)	98%	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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	PIBLK-PD091193.D	SDG No.:	Q3649
Lab Sample ID:	I.BLK-PD091193.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/14/25	PD111525
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/14/25	PD111525
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/14/25	PD111525
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/14/25	PD111525
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/14/25	PD111525
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/14/25	PD111525
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/14/25	PD111525
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/14/25	PD111525
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/14/25	PD111525
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/14/25	PD111525
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/14/25	PD111525
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/14/25	PD111525
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/14/25	PD111525
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/14/25	PD111525
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/14/25	PD111525
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.8			30 (31) - 150 (149)	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			30 (41) - 150 (134)	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

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/17/25
Client Sample ID:	PIBLK-PD091218.D	SDG No.:	Q3649
Lab Sample ID:	I.BLK-PD091218.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/17/25	pd111725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/17/25	pd111725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/17/25	pd111725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/17/25	pd111725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/17/25	pd111725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/17/25	pd111725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/17/25	pd111725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/17/25	pd111725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/17/25	pd111725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/17/25	pd111725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/17/25	pd111725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/17/25	pd111725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/17/25	pd111725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/17/25	pd111725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/17/25	pd111725
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.0			30 (31) - 150 (149)	100%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.6			30 (41) - 150 (134)	113%	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

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/17/25
Client Sample ID:	PIBLK-PD091234.D	SDG No.:	Q3649
Lab Sample ID:	I.BLK-PD091234.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/17/25	pd111725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/17/25	pd111725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/17/25	pd111725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/17/25	pd111725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/17/25	pd111725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/17/25	pd111725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/17/25	pd111725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/17/25	pd111725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/17/25	pd111725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/17/25	pd111725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/17/25	pd111725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/17/25	pd111725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/17/25	pd111725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/17/25	pd111725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/17/25	pd111725
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.8			30 (31) - 150 (149)	104%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.4			30 (41) - 150 (134)	107%	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

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/17/25
Project:	PVWC Linear Construction	Date Received:	11/17/25
Client Sample ID:	PIBLK-PD091243.D	SDG No.:	Q3649
Lab Sample ID:	I.BLK-PD091243.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0039	U	1	0.0039	0.050	ug/L	11/17/25	pd111725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/17/25	pd111725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/17/25	pd111725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/17/25	pd111725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/17/25	pd111725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/17/25	pd111725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/17/25	pd111725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/17/25	pd111725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/17/25	pd111725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/17/25	pd111725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/17/25	pd111725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/17/25	pd111725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/17/25	pd111725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/17/25	pd111725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/17/25	pd111725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/17/25	pd111725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/17/25	pd111725
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.3			30 (31) - 150 (149)	102%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.2			30 (41) - 150 (134)	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

Raw Data: **PD091224.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	
Project:	PVWC Linear Construction	Date Received:	
Client Sample ID:	PB170575BS	SDG No.:	Q3649
Lab Sample ID:	PB170575BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test: Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 11/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.1		1	0.13	1.70	ug/kg	11/17/25 14:00	PB170575
319-85-7	beta-BHC	16.9		1	0.18	1.70	ug/kg	11/17/25 14:00	PB170575
319-86-8	delta-BHC	17.1		1	0.39	1.70	ug/kg	11/17/25 14:00	PB170575
58-89-9	gamma-BHC (Lindane)	17.1		1	0.14	1.70	ug/kg	11/17/25 14:00	PB170575
76-44-8	Heptachlor	16.9		1	0.12	1.70	ug/kg	11/17/25 14:00	PB170575
309-00-2	Aldrin	17.2		1	0.12	1.70	ug/kg	11/17/25 14:00	PB170575
1024-57-3	Heptachlor epoxide	17.0		1	0.19	1.70	ug/kg	11/17/25 14:00	PB170575
959-98-8	Endosulfan I	17.1		1	0.14	1.70	ug/kg	11/17/25 14:00	PB170575
60-57-1	Dieldrin	17.1		1	0.14	1.70	ug/kg	11/17/25 14:00	PB170575
72-55-9	4,4-DDE	17.1		1	0.14	1.70	ug/kg	11/17/25 14:00	PB170575
72-20-8	Endrin	15.6		1	0.14	1.70	ug/kg	11/17/25 14:00	PB170575
33213-65-9	Endosulfan II	17.0		1	0.29	1.70	ug/kg	11/17/25 14:00	PB170575
72-54-8	4,4-DDD	16.7		1	0.15	1.70	ug/kg	11/17/25 14:00	PB170575
1031-07-8	Endosulfan Sulfate	17.0		1	0.13	1.70	ug/kg	11/17/25 14:00	PB170575
50-29-3	4,4-DDT	17.8		1	0.14	1.70	ug/kg	11/17/25 14:00	PB170575
72-43-5	Methoxychlor	16.6		1	0.37	1.70	ug/kg	11/17/25 14:00	PB170575
53494-70-5	Endrin ketone	17.7		1	0.19	1.70	ug/kg	11/17/25 14:00	PB170575
7421-93-4	Endrin aldehyde	17.6		1	0.37	1.70	ug/kg	11/17/25 14:00	PB170575
5103-71-9	alpha-Chlordane	17.3		1	0.12	1.70	ug/kg	11/17/25 14:00	PB170575
5103-74-2	gamma-Chlordane	17.3		1	0.15	1.70	ug/kg	11/17/25 14:00	PB170575
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	11/17/25 14:00	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.0			30 (10) - 150 (143)	125%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	24.0			30 (10) - 150 (131)	120%	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

Raw Data: **PD091239.D**

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

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	DUPE-0.0-0.5-20251114MS	SDG No.:	Q3649
Lab Sample ID:	Q3649-03MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.5
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.5		1	0.15	2.00	ug/kg	11/17/25 21:38	PB170575
319-85-7	beta-BHC	18.2		1	0.21	2.00	ug/kg	11/17/25 21:38	PB170575
319-86-8	delta-BHC	16.7		1	0.45	2.00	ug/kg	11/17/25 21:38	PB170575
58-89-9	gamma-BHC (Lindane)	17.5		1	0.16	2.00	ug/kg	11/17/25 21:38	PB170575
76-44-8	Heptachlor	18.2		1	0.14	2.00	ug/kg	11/17/25 21:38	PB170575
309-00-2	Aldrin	16.7		1	0.14	2.00	ug/kg	11/17/25 21:38	PB170575
1024-57-3	Heptachlor epoxide	16.4		1	0.22	2.00	ug/kg	11/17/25 21:38	PB170575
959-98-8	Endosulfan I	16.9		1	0.16	2.00	ug/kg	11/17/25 21:38	PB170575
60-57-1	Dieldrin	24.0		1	0.16	2.00	ug/kg	11/17/25 21:38	PB170575
72-55-9	4,4-DDE	16.0		1	0.16	2.00	ug/kg	11/17/25 21:38	PB170575
72-20-8	Endrin	18.7		1	0.16	2.00	ug/kg	11/17/25 21:38	PB170575
33213-65-9	Endosulfan II	16.9		1	0.33	2.00	ug/kg	11/17/25 21:38	PB170575
72-54-8	4,4-DDD	15.8		1	0.17	2.00	ug/kg	11/17/25 21:38	PB170575
1031-07-8	Endosulfan Sulfate	15.9		1	0.15	2.00	ug/kg	11/17/25 21:38	PB170575
50-29-3	4,4-DDT	21.4		1	0.16	2.00	ug/kg	11/17/25 21:38	PB170575
72-43-5	Methoxychlor	18.9		1	0.43	2.00	ug/kg	11/17/25 21:38	PB170575
53494-70-5	Endrin ketone	15.5		1	0.22	2.00	ug/kg	11/17/25 21:38	PB170575
7421-93-4	Endrin aldehyde	16.7		1	0.43	2.00	ug/kg	11/17/25 21:38	PB170575
5103-71-9	alpha-Chlordane	17.0		1	0.14	2.00	ug/kg	11/17/25 21:38	PB170575
5103-74-2	gamma-Chlordane	16.6		1	0.17	2.00	ug/kg	11/17/25 21:38	PB170575
8001-35-2	Toxaphene	6.20	U	1	6.20	38.1	ug/kg	11/17/25 21:38	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.4			30 (10) - 150 (143)	72%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.4			30 (10) - 150 (131)	87%	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

Raw Data: **PD091240.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	HDR, Inc.	Date Collected:	11/14/25
Project:	PVWC Linear Construction	Date Received:	11/14/25
Client Sample ID:	DUPE-0.0-0.5-20251114MSD	SDG No.:	Q3649
Lab Sample ID:	Q3649-03MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	86.5
Sample Wt/Vol:	30.07 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date: 11/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.2		1	0.15	2.00	ug/kg	11/17/25 21:52	PB170575
319-85-7	beta-BHC	17.8		1	0.21	2.00	ug/kg	11/17/25 21:52	PB170575
319-86-8	delta-BHC	16.4		1	0.45	2.00	ug/kg	11/17/25 21:52	PB170575
58-89-9	gamma-BHC (Lindane)	16.9		1	0.16	2.00	ug/kg	11/17/25 21:52	PB170575
76-44-8	Heptachlor	16.9		1	0.14	2.00	ug/kg	11/17/25 21:52	PB170575
309-00-2	Aldrin	16.3		1	0.14	2.00	ug/kg	11/17/25 21:52	PB170575
1024-57-3	Heptachlor epoxide	16.0		1	0.22	2.00	ug/kg	11/17/25 21:52	PB170575
959-98-8	Endosulfan I	16.2		1	0.16	2.00	ug/kg	11/17/25 21:52	PB170575
60-57-1	Dieldrin	23.1		1	0.16	2.00	ug/kg	11/17/25 21:52	PB170575
72-55-9	4,4-DDE	15.4		1	0.16	2.00	ug/kg	11/17/25 21:52	PB170575
72-20-8	Endrin	18.0		1	0.16	2.00	ug/kg	11/17/25 21:52	PB170575
33213-65-9	Endosulfan II	16.3		1	0.33	2.00	ug/kg	11/17/25 21:52	PB170575
72-54-8	4,4-DDD	15.3		1	0.17	2.00	ug/kg	11/17/25 21:52	PB170575
1031-07-8	Endosulfan Sulfate	15.2		1	0.15	2.00	ug/kg	11/17/25 21:52	PB170575
50-29-3	4,4-DDT	20.0		1	0.16	2.00	ug/kg	11/17/25 21:52	PB170575
72-43-5	Methoxychlor	17.2		1	0.43	2.00	ug/kg	11/17/25 21:52	PB170575
53494-70-5	Endrin ketone	14.8		1	0.22	2.00	ug/kg	11/17/25 21:52	PB170575
7421-93-4	Endrin aldehyde	15.8		1	0.43	2.00	ug/kg	11/17/25 21:52	PB170575
5103-71-9	alpha-Chlordane	16.5		1	0.14	2.00	ug/kg	11/17/25 21:52	PB170575
5103-74-2	gamma-Chlordane	17.3		1	0.17	2.00	ug/kg	11/17/25 21:52	PB170575
8001-35-2	Toxaphene	6.20	U	1	6.20	38.1	ug/kg	11/17/25 21:52	PB170575
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.1			30 (10) - 150 (143)	65%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.1			30 (10) - 150 (131)	86%	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

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: HDRI08
SDG NO.: Q3649
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: RT 100 = PD091196.D RT 075 = PD091197.D
RT 050 = PD091198.D RT 025 = PD091199.D RT 005 = PD091200.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.01	7.02	7.01	7.02	7.01	7.01	6.91	7.11
Aldrin	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
alpha-BHC	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
alpha-Chlordane	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
beta-BHC	4.51	4.51	4.51	4.51	4.51	4.51	4.41	4.61
Decachlorobiphenyl	9.06	9.06	9.06	9.07	9.06	9.06	8.96	9.16
delta-BHC	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Dieldrin	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Endosulfan I	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan II	6.78	6.78	6.78	6.78	6.78	6.78	6.68	6.88
Endosulfan sulfate	7.14	7.14	7.14	7.14	7.14	7.14	7.04	7.24
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Endrin aldehyde	6.91	6.91	6.91	6.91	6.91	6.91	6.81	7.01
Endrin ketone	7.62	7.63	7.62	7.62	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.32	4.32	4.32	4.32	4.32	4.22	4.42
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.68	5.68	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	3.54	3.54	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: HDRI08
SDG NO.: Q3649
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: RT 100 = PD091196.D RT 075 = PD091197.D
RT 050 = PD091198.D RT 025 = PD091199.D RT 005 = PD091200.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
4,4'-DDT	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Aldrin	4.36	4.36	4.36	4.36	4.36	4.36	4.26	4.46
alpha-BHC	3.39	3.39	3.39	3.39	3.39	3.39	3.29	3.49
alpha-Chlordane	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
beta-BHC	4.02	4.02	4.02	4.02	4.02	4.02	3.92	4.12
Decachlorobiphenyl	8.06	8.06	8.06	8.06	8.06	8.06	7.96	8.16
delta-BHC	4.25	4.25	4.25	4.25	4.25	4.25	4.15	4.35
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
Endosulfan II	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Endosulfan sulfate	6.47	6.47	6.47	6.47	6.47	6.47	6.37	6.57
Endrin	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin aldehyde	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Endrin ketone	6.98	6.98	6.98	6.98	6.98	6.98	6.88	7.08
gamma-BHC (Lindane)	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
gamma-Chlordane	5.11	5.11	5.11	5.12	5.11	5.11	5.01	5.21
Heptachlor	4.07	4.07	4.07	4.07	4.07	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.87	2.87	2.87	2.87	2.87	2.77	2.97

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: HDRI08
SDG NO.: Q3649
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: CF 100 = PD091196.D CF 075 = PD091197.D
CF 050 = PD091198.D CF 025 = PD091199.D CF 005 = PD091200.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4592720000	4750410000	4706670000	4762630000	5745110000	4911510000	10
4,4'-DDE	5537410000	5724420000	5594750000	5596930000	6543500000	5799400000	7
4,4'-DDT	4033900000	4103640000	4023370000	3973800000	4542840000	4135510000	6
Aldrin	6913630000	7108360000	6994820000	7033330000	8231840000	7256400000	8
alpha-BHC	7991490000	8120730000	7870330000	7613270000	8381750000	7995510000	4
alpha-Chlordane	6168980000	6320470000	6262210000	6530520000	9131880000	6882810000	18
beta-BHC	2584470000	2701070000	2721620000	2850470000	3669860000	2905500000	15
Decachlorobiphenyl	4266550000	4520270000	4633000000	4951710000	6537810000	4981870000	18
delta-BHC	7343040000	7477970000	7279360000	7082560000	7977500000	7432080000	5
Dieldrin	6112350000	6323390000	6220240000	6264150000	7404460000	6464920000	8
Endosulfan I	5622190000	5847020000	5809210000	5991120000	7445430000	6142990000	12
Endosulfan II	5022110000	5221970000	5253890000	5419940000	6878740000	5559330000	14
Endosulfan sulfate	4635330000	4824080000	4867360000	5023730000	6373440000	5144790000	14
Endrin	4763010000	4861760000	4775160000	4762720000	5654790000	4963490000	8
Endrin aldehyde	3642590000	3820110000	3882150000	4087850000	5397480000	4166040000	17
Endrin ketone	5131250000	5317460000	5324710000	5507230000	6887120000	5633560000	13
gamma-BHC (Lindane)	7349570000	7492470000	7318000000	7162850000	8041460000	7472870000	5
gamma-Chlordane	6123460000	6343120000	6211230000	6313670000	7512390000	6500770000	9
Heptachlor	6873030000	7051630000	6922840000	6902860000	8058350000	7161740000	7
Heptachlor epoxide	6045880000	6198590000	6197710000	6327850000	7713630000	6496730000	11
Methoxychlor	1967810000	2033910000	2048060000	2143440000	2678460000	2174340000	13
Tetrachloro-m-xylene	3100550000	3224630000	3262160000	3454950000	4200860000	3448630000	13

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: HDRI08
SDG NO.: Q3649
Calibration Date(s): 11/14/2025 11/14/2025
Calibration Times: 20:56 21:51

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

LAB FILE ID: **CF 100 =** PD091196.D **CF 075 =** PD091197.D
CF 050 = PD091198.D **CF 025 =** PD091199.D **CF 005 =** PD091200.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	42169800000	44652200000	46098100000	48914200000	62508300000	48868500000	16
4,4'-DDE	46784900000	49153600000	50413800000	53041500000	67816900000	53442100000	16
4,4'-DDT	36565400000	37844700000	38225900000	38748200000	44278500000	39132500000	8
Aldrin	49756900000	52224800000	53642000000	56183400000	70485000000	56458400000	14
alpha-BHC	57081100000	59401300000	60005600000	62092800000	77433200000	63202800000	13
alpha-Chlordane	46162300000	48496400000	49694800000	52042000000	65261400000	52331400000	14
beta-BHC	20855800000	21963600000	22629700000	23880400000	30805800000	24027100000	16
Decachlorobiphenyl	35391500000	36530600000	37125400000	38755300000	50071600000	39574900000	15
delta-BHC	51951800000	54520500000	55333700000	57523500000	73056200000	58477100000	14
Dieldrin	47342900000	49974500000	51581700000	54390600000	68265900000	54311100000	15
Endosulfan I	41219300000	43810000000	45334200000	48114600000	60781000000	47851800000	16
Endosulfan II	40233600000	42630400000	44155200000	46739900000	59639900000	46679800000	16
Endosulfan sulfate	38807500000	40991800000	42555300000	44718700000	57101400000	44834900000	16
Endrin	39723100000	41747800000	43010100000	44994600000	56487600000	45192700000	15
Endrin aldehyde	29904600000	31738200000	33159100000	35293100000	46350200000	35289100000	18
Endrin ketone	43743400000	46381200000	48213200000	51142400000	65299300000	50955900000	17
gamma-BHC (Lindane)	52036700000	54159800000	54955200000	56993600000	70961400000	57821300000	13
gamma-Chlordane	48541600000	50822000000	51970500000	54222400000	67580500000	54627400000	14
Heptachlor	48452800000	51096600000	52341200000	55061200000	69095300000	55209400000	15
Heptachlor epoxide	43794700000	46344600000	48042100000	50883900000	65728100000	50958700000	17
Methoxychlor	17875100000	18763500000	19368600000	20213700000	24036200000	20051400000	12
Tetrachloro-m-xylene	32274400000	33875900000	34577100000	36418900000	46004800000	36630200000	15

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Instrument ID: ECD_D **Date(s) Analyzed:** 11/14/2025 11/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.23	6.13	6.33	42812100
		2	6.44	6.34	6.54	68979500
		3	7.14	7.04	7.24	112624000
		4	7.56	7.46	7.66	130712000
		5	7.92	7.82	8.02	79291700

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Instrument ID: ECD_D **Date(s) Analyzed:** 11/14/2025 11/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.46	5.36	5.56	348471000
		2	5.64	5.54	5.74	231072000
		3	6.74	6.64	6.84	1091020000
		4	7.19	7.09	7.29	705058000
		5	7.32	7.22	7.42	442502000

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Continuing Calib Date: 11/17/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 10:18 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.15	7.14	7.04	7.24	0.00
4,4'-DDT	7.02	7.01	6.91	7.11	-0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.62	7.52	7.72	-0.01
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Continuing Calib Date: 11/17/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 10:18 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.87	2.77	2.97	0.00
alpha-BHC	3.39	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.11	5.01	5.21	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/17/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091220.D **Time Analyzed:** 10:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.599	6.799	46.860	50.000	-6.3
4,4'-DDE	6.189	6.089	6.289	48.040	50.000	-3.9
4,4'-DDT	7.016	6.914	7.114	48.850	50.000	-2.3
Aldrin	5.263	5.163	5.363	48.120	50.000	-3.8
alpha-BHC	3.993	3.893	4.093	49.860	50.000	-0.3
alpha-Chlordane	6.020	5.919	6.119	45.510	50.000	-9.0
beta-BHC	4.511	4.411	4.611	47.530	50.000	-4.9
Decachlorobiphenyl	9.065	8.963	9.163	45.920	50.000	-8.2
delta-BHC	4.760	4.660	4.860	49.340	50.000	-1.3
Dieldrin	6.340	6.239	6.439	47.780	50.000	-4.4
Endosulfan I	6.067	5.966	6.166	47.150	50.000	-5.7
Endosulfan II	6.781	6.679	6.879	46.250	50.000	-7.5
Endosulfan sulfate	7.145	7.043	7.243	46.450	50.000	-7.1
Endrin	6.567	6.466	6.666	47.230	50.000	-5.5
Endrin aldehyde	6.910	6.808	7.008	46.310	50.000	-7.4
Endrin ketone	7.626	7.524	7.724	47.510	50.000	-5.0
gamma-BHC (Lindane)	4.324	4.224	4.424	49.610	50.000	-0.8
gamma-Chlordane	5.939	5.838	6.038	47.710	50.000	-4.6
Heptachlor	4.922	4.821	5.021	48.940	50.000	-2.1
Heptachlor epoxide	5.684	5.582	5.782	47.620	50.000	-4.8
Methoxychlor	7.488	7.387	7.587	47.290	50.000	-5.4
Tetrachloro-m-xylene	3.544	3.444	3.644	48.000	50.000	-4.0

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL01 **Date Analyzed:** 11/17/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091220.D **Time Analyzed:** 10:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.918	5.817	6.017	49.260	50.000	-1.5
4,4'-DDE	5.363	5.263	5.463	51.190	50.000	2.4
4,4'-DDT	6.172	6.071	6.271	52.440	50.000	4.9
Aldrin	4.358	4.258	4.458	52.180	50.000	4.4
alpha-BHC	3.385	3.286	3.486	52.350	50.000	4.7
alpha-Chlordane	5.179	5.079	5.279	51.710	50.000	3.4
beta-BHC	4.017	3.918	4.118	51.600	50.000	3.2
Decachlorobiphenyl	8.059	7.958	8.158	48.700	50.000	-2.6
delta-BHC	4.254	4.153	4.353	51.680	50.000	3.4
Dieldrin	5.502	5.401	5.601	51.270	50.000	2.5
Endosulfan I	5.236	5.135	5.335	51.230	50.000	2.5
Endosulfan II	6.070	5.969	6.169	50.200	50.000	0.4
Endosulfan sulfate	6.472	6.371	6.571	50.000	50.000	0.0
Endrin	5.779	5.678	5.878	50.140	50.000	0.3
Endrin aldehyde	6.249	6.148	6.348	49.880	50.000	-0.2
Endrin ketone	6.981	6.880	7.080	49.990	50.000	0.0
gamma-BHC (Lindane)	3.721	3.621	3.821	52.280	50.000	4.6
gamma-Chlordane	5.115	5.014	5.214	52.060	50.000	4.1
Heptachlor	4.073	3.973	4.173	51.470	50.000	2.9
Heptachlor epoxide	4.862	4.762	4.962	51.490	50.000	3.0
Methoxychlor	6.743	6.641	6.841	49.060	50.000	-1.9
Tetrachloro-m-xylene	2.873	2.774	2.974	51.820	50.000	3.6

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Continuing Calib Date: 11/17/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 20:02 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.14	7.04	7.24	0.00
4,4'-DDT	7.01	7.01	6.91	7.11	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.62	7.52	7.72	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Continuing Calib Date: 11/17/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 20:02 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.01
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/17/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091236.D **Time Analyzed:** 20:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.697	6.599	6.799	44.500	50.000	-11.0
4,4'-DDE	6.187	6.089	6.289	49.510	50.000	-1.0
4,4'-DDT	7.013	6.914	7.114	58.790	50.000	17.6
Aldrin	5.261	5.163	5.363	48.730	50.000	-2.5
alpha-BHC	3.991	3.893	4.093	50.370	50.000	0.7
alpha-Chlordane	6.017	5.919	6.119	46.460	50.000	-7.1
beta-BHC	4.509	4.411	4.611	47.900	50.000	-4.2
Decachlorobiphenyl	9.062	8.963	9.163	46.500	50.000	-7.0
delta-BHC	4.757	4.660	4.860	45.560	50.000	-8.9
Dieldrin	6.337	6.239	6.439	48.980	50.000	-2.0
Endosulfan I	6.065	5.966	6.166	48.360	50.000	-3.3
Endosulfan II	6.778	6.679	6.879	49.660	50.000	-0.7
Endosulfan sulfate	7.142	7.043	7.243	47.340	50.000	-5.3
Endrin	6.565	6.466	6.666	54.020	50.000	8.0
Endrin aldehyde	6.907	6.808	7.008	46.460	50.000	-7.1
Endrin ketone	7.623	7.524	7.724	45.130	50.000	-9.7
gamma-BHC (Lindane)	4.322	4.224	4.424	50.160	50.000	0.3
gamma-Chlordane	5.937	5.838	6.038	48.750	50.000	-2.5
Heptachlor	4.919	4.821	5.021	51.520	50.000	3.0
Heptachlor epoxide	5.681	5.582	5.782	48.060	50.000	-3.9
Methoxychlor	7.486	7.387	7.587	55.420	50.000	10.8
Tetrachloro-m-xylene	3.542	3.444	3.644	48.160	50.000	-3.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL02 **Date Analyzed:** 11/17/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091236.D **Time Analyzed:** 20:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.916	5.817	6.017	45.100	50.000	-9.8
4,4'-DDE	5.362	5.263	5.463	49.970	50.000	-0.1
4,4'-DDT	6.169	6.071	6.271	59.320	50.000	18.6
Aldrin	4.356	4.258	4.458	49.970	50.000	-0.1
alpha-BHC	3.383	3.286	3.486	50.530	50.000	1.1
alpha-Chlordane	5.178	5.079	5.279	50.170	50.000	0.3
beta-BHC	4.015	3.918	4.118	48.950	50.000	-2.1
Decachlorobiphenyl	8.057	7.958	8.158	44.480	50.000	-11.0
delta-BHC	4.252	4.153	4.353	49.960	50.000	-0.1
Dieldrin	5.500	5.401	5.601	49.880	50.000	-0.2
Endosulfan I	5.234	5.135	5.335	49.550	50.000	-0.9
Endosulfan II	6.068	5.969	6.169	48.100	50.000	-3.8
Endosulfan sulfate	6.470	6.371	6.571	48.370	50.000	-3.3
Endrin	5.776	5.678	5.878	55.250	50.000	10.5
Endrin aldehyde	6.246	6.148	6.348	47.470	50.000	-5.1
Endrin ketone	6.978	6.880	7.080	45.020	50.000	-10.0
gamma-BHC (Lindane)	3.719	3.621	3.821	49.620	50.000	-0.8
gamma-Chlordane	5.113	5.014	5.214	50.420	50.000	0.8
Heptachlor	4.071	3.973	4.173	52.080	50.000	4.2
Heptachlor epoxide	4.860	4.762	4.962	49.300	50.000	-1.4
Methoxychlor	6.741	6.641	6.841	56.900	50.000	13.8
Tetrachloro-m-xylene	2.872	2.774	2.974	49.870	50.000	-0.3

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Continuing Calib Date: 11/17/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 23:00 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
alpha-BHC	3.99	3.99	3.89	4.09	0.00
beta-BHC	4.51	4.51	4.41	4.61	0.00
delta-BHC	4.76	4.76	4.66	4.86	0.00
gamma-BHC (Lindane)	4.32	4.32	4.22	4.42	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.26	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.34	6.34	6.24	6.44	0.00
4,4'-DDE	6.19	6.19	6.09	6.29	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Endosulfan II	6.78	6.78	6.68	6.88	0.00
4,4'-DDD	6.70	6.70	6.60	6.80	0.00
Endosulfan sulfate	7.14	7.14	7.04	7.24	0.00
4,4'-DDT	7.01	7.01	6.91	7.11	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.62	7.52	7.72	0.00
Endrin aldehyde	6.91	6.91	6.81	7.01	0.00
alpha-Chlordane	6.02	6.02	5.92	6.12	0.00
gamma-Chlordane	5.94	5.94	5.84	6.04	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Continuing Calib Date: 11/17/2025 **Initial Calibration Date(s):** 11/14/2025 11/14/2025

Continuing Calib Time: 23:00 **Initial Calibration Time(s):** 20:56 21:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.87	2.77	2.97	0.00
alpha-BHC	3.38	3.39	3.29	3.49	0.01
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.25	4.25	4.15	4.35	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.07	3.97	4.17	0.00
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.86	4.86	4.76	4.96	0.00
Endosulfan I	5.23	5.24	5.14	5.34	0.01
Dieldrin	5.50	5.50	5.40	5.60	0.00
4,4'-DDE	5.36	5.36	5.26	5.46	0.00
Endrin	5.78	5.78	5.68	5.88	0.00
Endosulfan II	6.07	6.07	5.97	6.17	0.00
4,4'-DDD	5.92	5.92	5.82	6.02	0.00
Endosulfan sulfate	6.47	6.47	6.37	6.57	0.00
4,4'-DDT	6.17	6.17	6.07	6.27	0.00
Methoxychlor	6.74	6.74	6.64	6.84	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.11	5.11	5.01	5.21	0.00

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/17/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091244.D **Time Analyzed:** 23:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.697	6.599	6.799	42.880	50.000	-14.2
4,4'-DDE	6.187	6.089	6.289	46.130	50.000	-7.7
4,4'-DDT	7.013	6.914	7.114	49.770	50.000	-0.5
Aldrin	5.261	5.163	5.363	46.240	50.000	-7.5
alpha-BHC	3.991	3.893	4.093	48.140	50.000	-3.7
alpha-Chlordane	6.017	5.919	6.119	43.510	50.000	-13.0
beta-BHC	4.509	4.411	4.611	45.990	50.000	-8.0
Decachlorobiphenyl	9.062	8.963	9.163	43.560	50.000	-12.9
delta-BHC	4.758	4.660	4.860	46.150	50.000	-7.7
Dieldrin	6.337	6.239	6.439	45.910	50.000	-8.2
Endosulfan I	6.065	5.966	6.166	45.230	50.000	-9.5
Endosulfan II	6.778	6.679	6.879	47.520	50.000	-5.0
Endosulfan sulfate	7.142	7.043	7.243	44.020	50.000	-12.0
Endrin	6.565	6.466	6.666	50.530	50.000	1.1
Endrin aldehyde	6.907	6.808	7.008	43.780	50.000	-12.4
Endrin ketone	7.622	7.524	7.724	41.250	50.000	-17.5
gamma-BHC (Lindane)	4.322	4.224	4.424	47.370	50.000	-5.3
gamma-Chlordane	5.937	5.838	6.038	46.090	50.000	-7.8
Heptachlor	4.919	4.821	5.021	45.720	50.000	-8.6
Heptachlor epoxide	5.681	5.582	5.782	46.110	50.000	-7.8
Methoxychlor	7.486	7.387	7.587	46.530	50.000	-6.9
Tetrachloro-m-xylene	3.542	3.444	3.644	46.160	50.000	-7.7

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/17/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD091244.D **Time Analyzed:** 23:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.916	5.817	6.017	43.200	50.000	-13.6
4,4'-DDE	5.361	5.263	5.463	47.610	50.000	-4.8
4,4'-DDT	6.170	6.071	6.271	50.400	50.000	0.8
Aldrin	4.356	4.258	4.458	47.980	50.000	-4.0
alpha-BHC	3.384	3.286	3.486	48.310	50.000	-3.4
alpha-Chlordane	5.177	5.079	5.279	47.460	50.000	-5.1
beta-BHC	4.016	3.918	4.118	47.640	50.000	-4.7
Decachlorobiphenyl	8.057	7.958	8.158	40.840	50.000	-18.3
delta-BHC	4.251	4.153	4.353	48.090	50.000	-3.8
Dieldrin	5.500	5.401	5.601	47.090	50.000	-5.8
Endosulfan I	5.234	5.135	5.335	46.000	50.000	-8.0
Endosulfan II	6.068	5.969	6.169	45.850	50.000	-8.3
Endosulfan sulfate	6.470	6.371	6.571	45.380	50.000	-9.2
Endrin	5.776	5.678	5.878	51.450	50.000	2.9
Endrin aldehyde	6.246	6.148	6.348	44.780	50.000	-10.4
Endrin ketone	6.979	6.880	7.080	40.500	50.000	-19.0
gamma-BHC (Lindane)	3.719	3.621	3.821	47.730	50.000	-4.5
gamma-Chlordane	5.113	5.014	5.214	47.910	50.000	-4.2
Heptachlor	4.071	3.973	4.173	46.880	50.000	-6.2
Heptachlor epoxide	4.860	4.762	4.962	47.080	50.000	-5.8
Methoxychlor	6.741	6.641	6.841	47.560	50.000	-4.9
Tetrachloro-m-xylene	2.872	2.774	2.974	48.030	50.000	-3.9

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091194.D **Date Analyzed:** 11/14/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 20:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.064	8.960	9.160	20.170	20.000	0.9
Tetrachloro-m-xylene	3.544	3.490	3.590	19.500	20.000	-2.5
alpha-BHC	3.993	3.940	4.040	8.250	10.000	-17.5
beta-BHC	4.511	4.460	4.560	9.240	10.000	-7.6
gamma-BHC (Lindane)	4.324	4.270	4.370	8.450	10.000	-15.5
Endrin	6.567	6.500	6.640	44.390	50.000	-11.2
4,4'-DDT	7.015	6.940	7.090	88.290	100.000	-11.7
Methoxychlor	7.487	7.420	7.560	207.040	250.000	-17.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091194.D **Date Analyzed:** 11/14/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 20:15

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.059	7.960	8.160	19.620	20.000	-1.9
Tetrachloro-m-xylene	2.874	2.820	2.920	19.370	20.000	-3.2
alpha-BHC	3.385	3.330	3.440	9.380	10.000	-6.2
beta-BHC	4.018	3.970	4.070	9.530	10.000	-4.7
gamma-BHC (Lindane)	3.721	3.670	3.770	9.460	10.000	-5.4
Endrin	5.779	5.710	5.850	45.450	50.000	-9.1
4,4'-DDT	6.172	6.100	6.240	89.340	100.000	-10.7
Methoxychlor	6.742	6.670	6.810	186.630	250.000	-25.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091219.D **Date Analyzed:** 11/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:04

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.970	9.170	20.390	20.000	2.0
Tetrachloro-m-xylene	3.544	3.490	3.590	21.040	20.000	5.2
alpha-BHC	3.993	3.940	4.040	8.920	10.000	-10.8
beta-BHC	4.511	4.460	4.560	9.940	10.000	-0.6
gamma-BHC (Lindane)	4.324	4.270	4.370	9.120	10.000	-8.8
Endrin	6.567	6.500	6.640	44.720	50.000	-10.6
4,4'-DDT	7.016	6.950	7.090	91.520	100.000	-8.5
Methoxychlor	7.489	7.420	7.560	211.580	250.000	-15.4

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091219.D **Date Analyzed:** 11/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:04

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.060	7.960	8.160	20.690	20.000	3.5
Tetrachloro-m-xylene	2.873	2.820	2.920	22.610	20.000	13.1
alpha-BHC	3.385	3.330	3.440	11.010	10.000	10.1
beta-BHC	4.017	3.970	4.070	11.240	10.000	12.4
gamma-BHC (Lindane)	3.721	3.670	3.770	11.030	10.000	10.3
Endrin	5.777	5.710	5.850	47.210	50.000	-5.6
4,4'-DDT	6.171	6.100	6.240	98.490	100.000	-1.5
Methoxychlor	6.741	6.670	6.810	191.760	250.000	-23.3

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091235.D **Date Analyzed:** 11/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 19:35

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.062	8.960	9.160	16.950	20.000	-15.3
Tetrachloro-m-xylene	3.542	3.490	3.590	17.020	20.000	-14.9
alpha-BHC	3.991	3.940	4.040	7.060	10.000	-29.4
beta-BHC	4.509	4.460	4.560	8.040	10.000	-19.6
gamma-BHC (Lindane)	4.321	4.270	4.370	7.320	10.000	-26.8
Endrin	6.565	6.490	6.640	41.850	50.000	-16.3
4,4'-DDT	7.013	6.940	7.080	90.270	100.000	-9.7
Methoxychlor	7.486	7.420	7.560	208.670	250.000	-16.5

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 11/14/2025 11/14/2025

Client Sample No. (PEM): PEM - PD091235.D **Date Analyzed:** 11/17/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 19:35

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.058	7.960	8.160	15.820	20.000	-20.9
Tetrachloro-m-xylene	2.872	2.820	2.920	17.620	20.000	-11.9
alpha-BHC	3.383	3.330	3.430	8.510	10.000	-14.9
beta-BHC	4.016	3.970	4.070	8.510	10.000	-14.9
gamma-BHC (Lindane)	3.720	3.670	3.770	8.370	10.000	-16.3
Endrin	5.777	5.710	5.850	43.790	50.000	-12.4
4,4'-DDT	6.171	6.100	6.240	92.490	100.000	-7.5
Methoxychlor	6.741	6.670	6.810	190.580	250.000	-23.8

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Analytical Sequence

Client: HDR, Inc. **SDG No.:** Q3649

Project: PVWC Linear Construction **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/14/2025 11/14/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/14/2025	20:01	PD091193.D	9.06	3.54
PEM	PEM	11/14/2025	20:15	PD091194.D	9.06	3.54
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	9.06	3.54
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	9.06	3.54
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	9.06	3.54
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	9.06	3.54
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	9.07	3.54
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	9.06	3.54
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	9.06	3.54
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	9.06	3.54
I.BLK	I.BLK	11/17/2025	09:51	PD091218.D	9.07	3.55
PEM	PEM	11/17/2025	10:04	PD091219.D	9.07	3.54
PSTDCCC050	PSTDCCC050	11/17/2025	10:18	PD091220.D	9.07	3.54
PB170575BL	PB170575BL	11/17/2025	13:46	PD091223.D	9.07	3.54
PB170575BS	PB170575BS	11/17/2025	14:00	PD091224.D	9.07	3.54
I.BLK	I.BLK	11/17/2025	19:21	PD091234.D	9.06	3.54
PEM	PEM	11/17/2025	19:35	PD091235.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/17/2025	20:02	PD091236.D	9.06	3.54
B5-0.0-0.5-20251114	Q3649-01	11/17/2025	21:11	PD091237.D	9.06	3.54
DUPE-0.0-0.5-20251114	Q3649-03	11/17/2025	21:24	PD091238.D	9.06	3.54
DUPE-0.0-0.5-20251114MS	Q3649-03MS	11/17/2025	21:38	PD091239.D	9.06	3.54
DUPE-0.0-0.5-20251114MSD	Q3649-03MSD	11/17/2025	21:52	PD091240.D	9.06	3.54
B4-0.0-0.5-20251114	Q3649-06	11/17/2025	22:05	PD091241.D	9.06	3.54
B3-0.0-0.5-20251114	Q3649-08	11/17/2025	22:19	PD091242.D	9.06	3.54
I.BLK	I.BLK	11/17/2025	22:33	PD091243.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/17/2025	23:00	PD091244.D	9.06	3.54

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Analytical Sequence

Client: HDR, Inc. **SDG No.:** Q3649

Project: PVWC Linear Construction **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/14/2025 11/14/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	11/14/2025	20:01	PD091193.D	8.06	2.88
PEM	PEM	11/14/2025	20:15	PD091194.D	8.06	2.87
RESCHK	RESCHK	11/14/2025	20:43	PD091195.D	8.06	2.87
PSTDICC100	PSTDICC100	11/14/2025	20:56	PD091196.D	8.06	2.87
PSTDICC075	PSTDICC075	11/14/2025	21:10	PD091197.D	8.06	2.87
PSTDICC050	PSTDICC050	11/14/2025	21:24	PD091198.D	8.06	2.87
PSTDICC025	PSTDICC025	11/14/2025	21:37	PD091199.D	8.06	2.87
PSTDICC005	PSTDICC005	11/14/2025	21:51	PD091200.D	8.06	2.87
PCHLORICC500	PCHLORICC500	11/14/2025	22:32	PD091203.D	8.06	2.87
PTOXICC500	PTOXICC500	11/14/2025	23:40	PD091208.D	8.06	2.87
I.BLK	I.BLK	11/17/2025	09:51	PD091218.D	8.06	2.87
PEM	PEM	11/17/2025	10:04	PD091219.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/17/2025	10:18	PD091220.D	8.06	2.87
PB170575BL	PB170575BL	11/17/2025	13:46	PD091223.D	8.06	2.87
PB170575BS	PB170575BS	11/17/2025	14:00	PD091224.D	8.06	2.87
I.BLK	I.BLK	11/17/2025	19:21	PD091234.D	8.06	2.87
PEM	PEM	11/17/2025	19:35	PD091235.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/17/2025	20:02	PD091236.D	8.06	2.87
B5-0.0-0.5-20251114	Q3649-01	11/17/2025	21:11	PD091237.D	8.06	2.87
DUPE-0.0-0.5-20251114	Q3649-03	11/17/2025	21:24	PD091238.D	8.07	2.89
DUPE-0.0-0.5-20251114MS	Q3649-03MS	11/17/2025	21:38	PD091239.D	8.06	2.87
DUPE-0.0-0.5-20251114MSD	Q3649-03MSD	11/17/2025	21:52	PD091240.D	8.06	2.87
B4-0.0-0.5-20251114	Q3649-06	11/17/2025	22:05	PD091241.D	8.06	2.87
B3-0.0-0.5-20251114	Q3649-08	11/17/2025	22:19	PD091242.D	8.06	2.87
I.BLK	I.BLK	11/17/2025	22:33	PD091243.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/17/2025	23:00	PD091244.D	8.06	2.87

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

DUPE-0.0-0.5-20251114

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Lab Sample ID: Q3649-03 **Date(s) Analyzed:** 11/17/2025 11/17/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDT	1	7.01	6.96	7.06	1.50	53.7
	2	6.18	6.13	6.23	2.60	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

DUPE-0.0-0.5-20251114MS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Lab Sample ID: Q3649-03MS **Date(s) Analyzed:** 11/17/2025 11/17/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	16.9	6.1
	2	6.07	6.02	6.12	15.9	
4,4'-DDD	1	6.70	6.65	6.75	15.8	22.5
	2	5.92	5.87	5.97	12.6	
4,4'-DDT	1	7.01	6.96	7.06	21.4	7.8
	2	6.17	6.12	6.22	19.8	
Endrin aldehyde	1	6.91	6.86	6.96	16.7	10.1
	2	6.25	6.20	6.30	15.1	
Endosulfan sulfate	1	7.14	7.09	7.19	15.9	7.2
	2	6.47	6.42	6.52	14.8	
Methoxychlor	1	7.49	7.44	7.54	18.9	20.4
	2	6.74	6.69	6.79	15.4	
Endrin ketone	1	7.62	7.57	7.67	15.5	27.9
	2	6.98	6.93	7.03	11.7	
alpha-BHC	1	3.99	3.94	4.04	17.5	0
	2	3.38	3.33	3.43	17.5	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	17.5	2.9
	2	3.72	3.67	3.77	17.0	
Heptachlor	1	4.92	4.87	4.97	18.2	4.5
	2	4.07	4.02	4.12	17.4	
Aldrin	1	5.26	5.21	5.31	16.7	0
	2	4.36	4.31	4.41	16.7	
beta-BHC	1	4.51	4.46	4.56	16.4	10.4
	2	4.02	3.97	4.07	18.2	
delta-BHC	1	4.76	4.71	4.81	16.7	0.6
	2	4.25	4.20	4.30	16.6	
Heptachlor epoxide	1	5.68	5.63	5.73	16.1	1.8
	2	4.86	4.81	4.91	16.4	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

DUPE-0.0-0.5-20251114MS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Lab Sample ID: Q3649-03MS **Date(s) Analyzed:** 11/17/2025 11/17/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	16.9	15.3
	2	5.23	5.18	5.28	14.5	
gamma-Chlordane	1	5.94	5.89	5.99	16.2	2.4
	2	5.11	5.06	5.16	16.6	
alpha-Chlordane	1	6.02	5.97	6.07	16.2	4.8
	2	5.18	5.13	5.23	17.0	
4,4'-DDE	1	6.19	6.14	6.24	15.8	1.3
	2	5.36	5.31	5.41	16.0	
Dieldrin	1	6.34	6.29	6.39	24.0	3.8
	2	5.50	5.45	5.55	23.1	
Endrin	1	6.57	6.52	6.62	18.7	7.8
	2	5.78	5.73	5.83	17.3	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

DUPE-0.0-0.5-20251114MSD

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Lab Sample ID: Q3649-03MSD **Date(s) Analyzed:** 11/17/2025 11/17/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	16.3	6.3
	2	6.07	6.02	6.12	15.3	
4,4'-DDD	1	6.70	6.65	6.75	15.3	22.5
	2	5.92	5.87	5.97	12.2	
4,4'-DDT	1	7.01	6.96	7.06	20.0	10
	2	6.17	6.12	6.22	18.1	
Endrin aldehyde	1	6.91	6.86	6.96	15.8	10
	2	6.25	6.20	6.30	14.3	
Endosulfan sulfate	1	7.14	7.09	7.19	15.2	8.2
	2	6.47	6.42	6.52	14.0	
Methoxychlor	1	7.49	7.44	7.54	17.2	19.8
	2	6.74	6.69	6.79	14.1	
Endrin ketone	1	7.62	7.57	7.67	14.8	30.4
	2	6.98	6.93	7.03	10.9	
alpha-BHC	1	3.99	3.94	4.04	16.9	1.8
	2	3.38	3.33	3.43	17.2	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	16.9	1.8
	2	3.72	3.67	3.77	16.6	
Heptachlor	1	4.92	4.87	4.97	16.9	3.6
	2	4.07	4.02	4.12	16.3	
Aldrin	1	5.26	5.21	5.31	16.2	0.6
	2	4.36	4.31	4.41	16.3	
beta-BHC	1	4.51	4.46	4.56	16.5	7.6
	2	4.02	3.97	4.07	17.8	
delta-BHC	1	4.76	4.71	4.81	16.4	1.2
	2	4.25	4.20	4.30	16.2	
Heptachlor epoxide	1	5.68	5.63	5.73	15.7	1.9
	2	4.86	4.81	4.91	16.0	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

DUPE-0.0-0.5-20251114MSD

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Lab Sample ID: Q3649-03MSD **Date(s) Analyzed:** 11/17/2025 11/17/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.06	6.01	6.11	16.2	13.9
	2	5.24	5.19	5.29	14.1	
gamma-Chlordane	1	5.94	5.89	5.99	15.7	9.7
	2	5.11	5.06	5.16	17.3	
alpha-Chlordane	1	6.02	5.97	6.07	15.4	6.9
	2	5.18	5.13	5.23	16.5	
4,4'-DDE	1	6.19	6.14	6.24	15.2	1.3
	2	5.36	5.31	5.41	15.4	
Dieldrin	1	6.34	6.29	6.39	23.1	2.6
	2	5.50	5.45	5.55	22.5	
Endrin	1	6.56	6.51	6.61	18.0	8.1
	2	5.78	5.73	5.83	16.6	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170575BS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Lab Sample ID: PB170575BS **Date(s) Analyzed:** 11/17/2025 11/17/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	16.0	6.6
	2	5.24	5.19	5.29	17.1	
alpha-Chlordane	1	6.02	5.97	6.07	15.3	12.3
	2	5.18	5.13	5.23	17.3	
4,4'-DDE	1	6.19	6.14	6.24	16.3	4.8
	2	5.36	5.31	5.41	17.1	
Dieldrin	1	6.34	6.29	6.39	16.3	4.8
	2	5.50	5.45	5.55	17.1	
Endrin	1	6.57	6.52	6.62	15.0	3.9
	2	5.78	5.73	5.83	15.6	
Methoxychlor	1	7.49	7.44	7.54	15.6	6.2
	2	6.74	6.69	6.79	16.6	
Endrin ketone	1	7.63	7.58	7.68	16.5	7
	2	6.98	6.93	7.03	17.7	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	16.3	4.8
	2	3.72	3.67	3.77	17.1	
Heptachlor	1	4.92	4.87	4.97	16.3	3.6
	2	4.07	4.02	4.12	16.9	
Heptachlor epoxide	1	5.68	5.63	5.73	16.0	6.1
	2	4.86	4.81	4.91	17.0	
gamma-Chlordane	1	5.94	5.89	5.99	16.3	6
	2	5.12	5.07	5.17	17.3	
Endosulfan II	1	6.78	6.73	6.83	16.1	5.4
	2	6.07	6.02	6.12	17.0	
4,4'-DDD	1	6.70	6.65	6.75	16.0	4.3
	2	5.92	5.87	5.97	16.7	
4,4'-DDT	1	7.02	6.97	7.07	16.5	7.6
	2	6.17	6.12	6.22	17.8	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170575BS

Lab Name: Alliance **Contract:** HDRI08

Lab Code: ACE **SDG NO.:** Q3649

Lab Sample ID: PB170575BS **Date(s) Analyzed:** 11/17/2025 11/17/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin aldehyde	1	6.91	6.86	6.96	16.5	6.5
	2	6.25	6.20	6.30	17.6	
Endosulfan sulfate	1	7.14	7.09	7.19	15.9	6.7
	2	6.47	6.42	6.52	17.0	
alpha-BHC	1	3.99	3.94	4.04	16.3	4.8
	2	3.39	3.34	3.44	17.1	
Aldrin	1	5.26	5.21	5.31	16.2	6
	2	4.36	4.31	4.41	17.2	
beta-BHC	1	4.51	4.46	4.56	15.6	8
	2	4.02	3.97	4.07	16.9	
delta-BHC	1	4.76	4.71	4.81	16.5	3.6
	2	4.25	4.20	4.30	17.1	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:11
Operator : AR\AJ
Sample : Q3649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B5-0.0-0.5-20251114

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:11:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.870	57760958	654.1E6	16.749m	17.857m
28)	SA Decachlor...	9.062	8.056	83360352	609.2E6	16.733	15.394m
	Target Compounds						

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

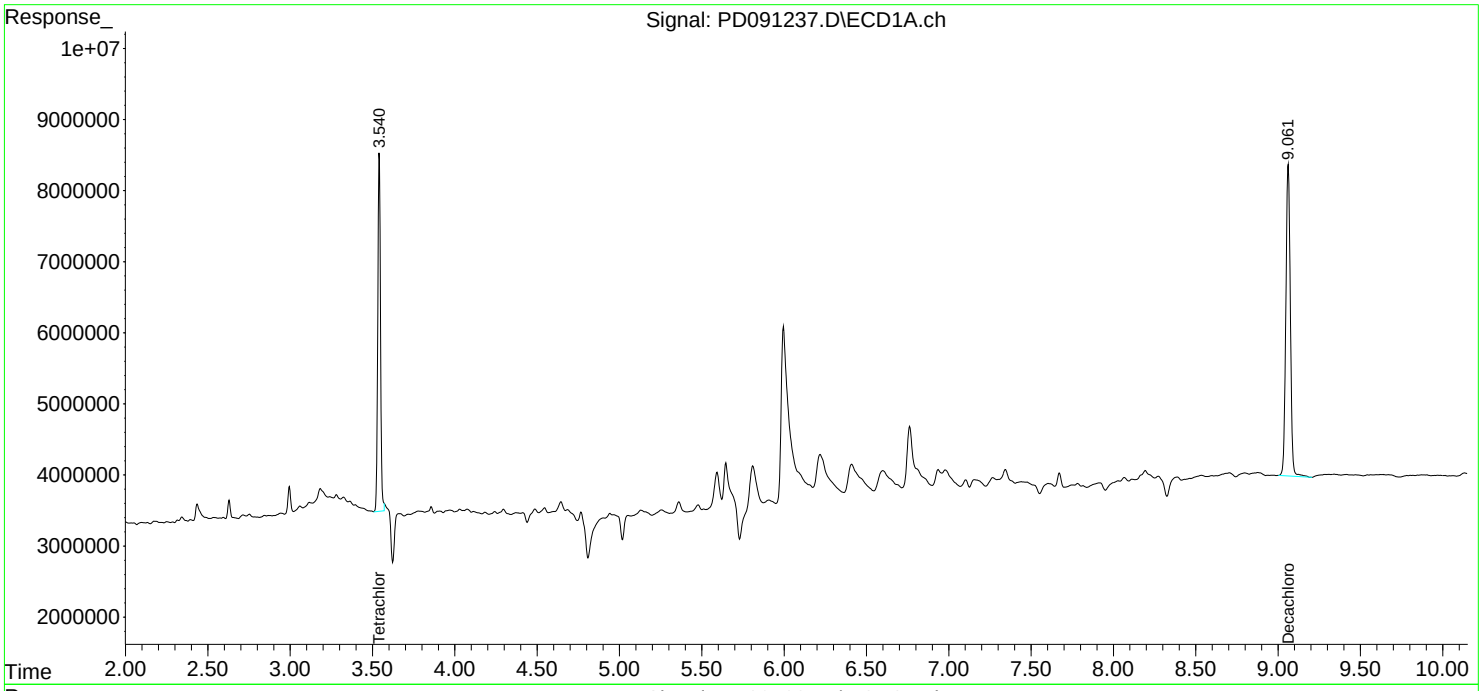
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:11
Operator : AR\AJ
Sample : Q3649-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

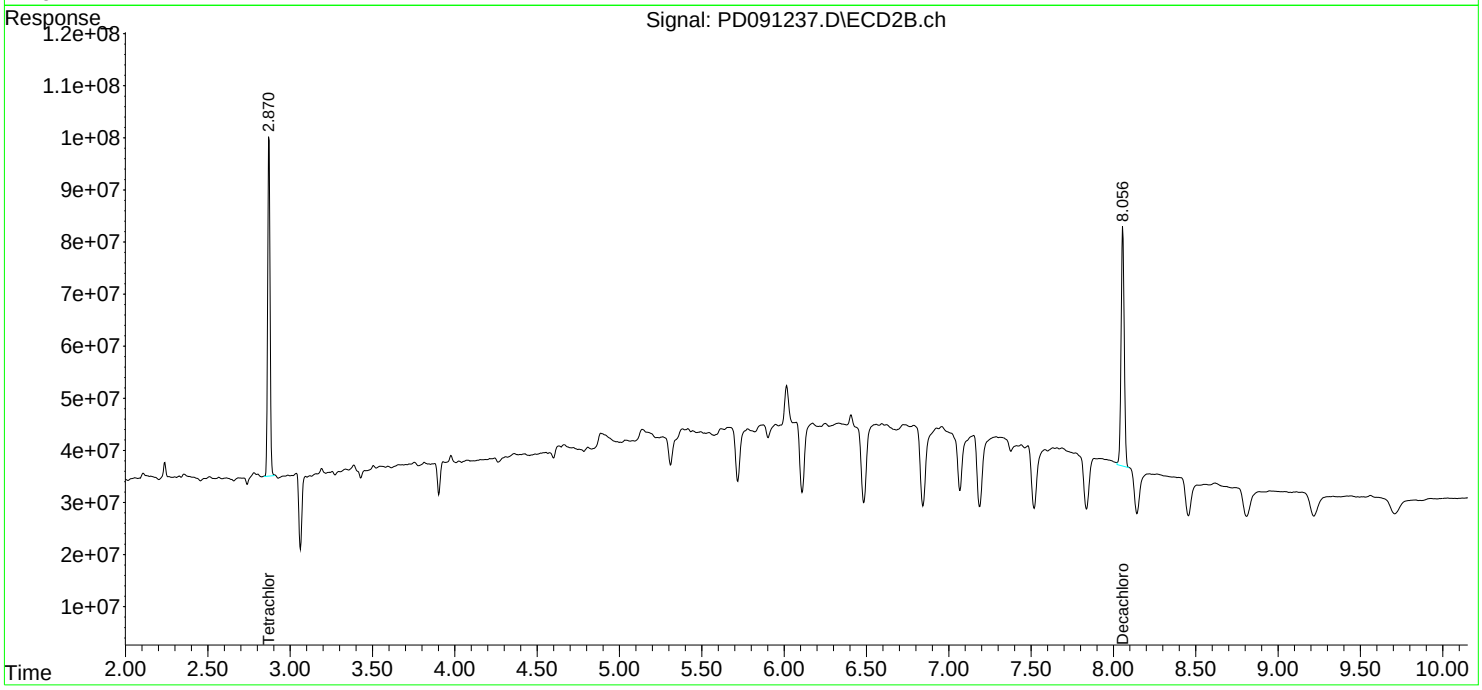
Instrument :
ECD_D
ClientSampleId :
B5-0.0-0.5-20251114

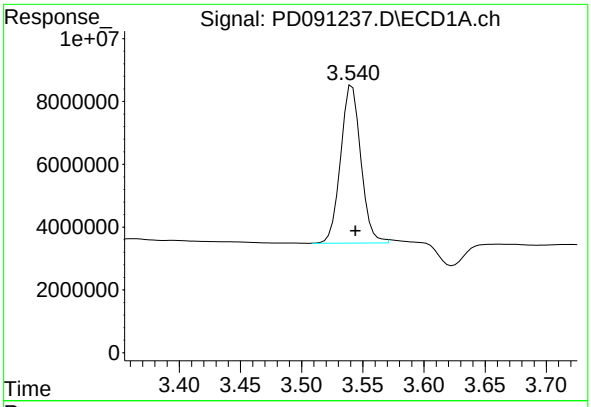
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:11:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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







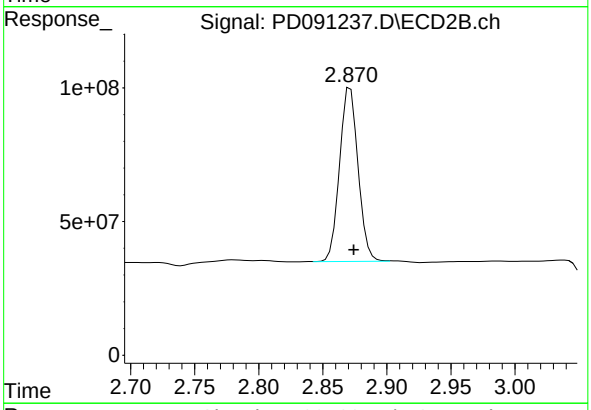
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 57760958
Conc: 16.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
B5-0.0-0.5-20251114

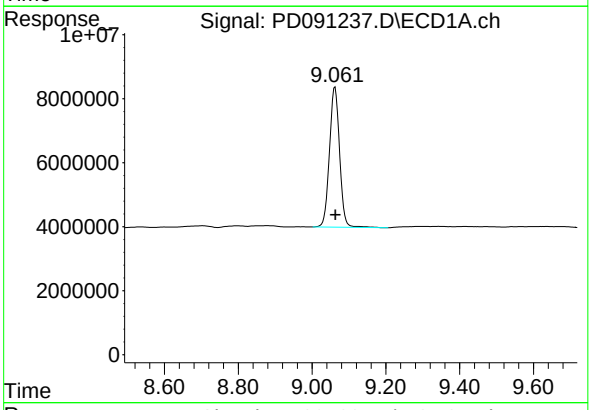
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025



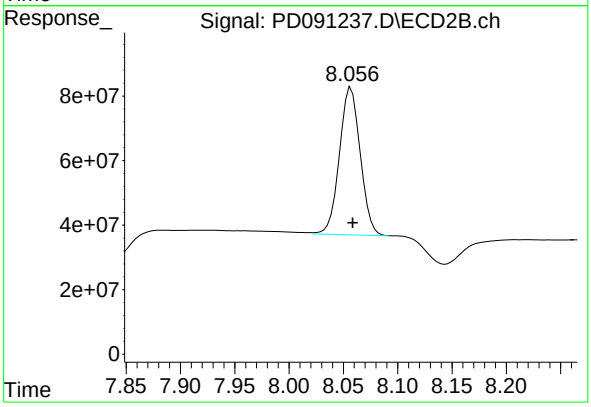
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: -0.004 min
Response: 654107954
Conc: 17.86 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 83360352
Conc: 16.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 609214233
Conc: 15.39 ng/ml m

Sample Results: **PD091238.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:24
Operator : AR\AJ
Sample : Q3649-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 08:51:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.887	60979394	609.7E6	17.682m	16.644m
28)	SA Decachlor...	9.062	8.072	70508420	499.7E6	14.153	12.626m
	Target Compounds						
17)	MA 4,4'-DDT	7.013	6.184	16270083	265.4E6	3.934	6.782 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:24
Operator : AR\AJ
Sample : Q3649-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

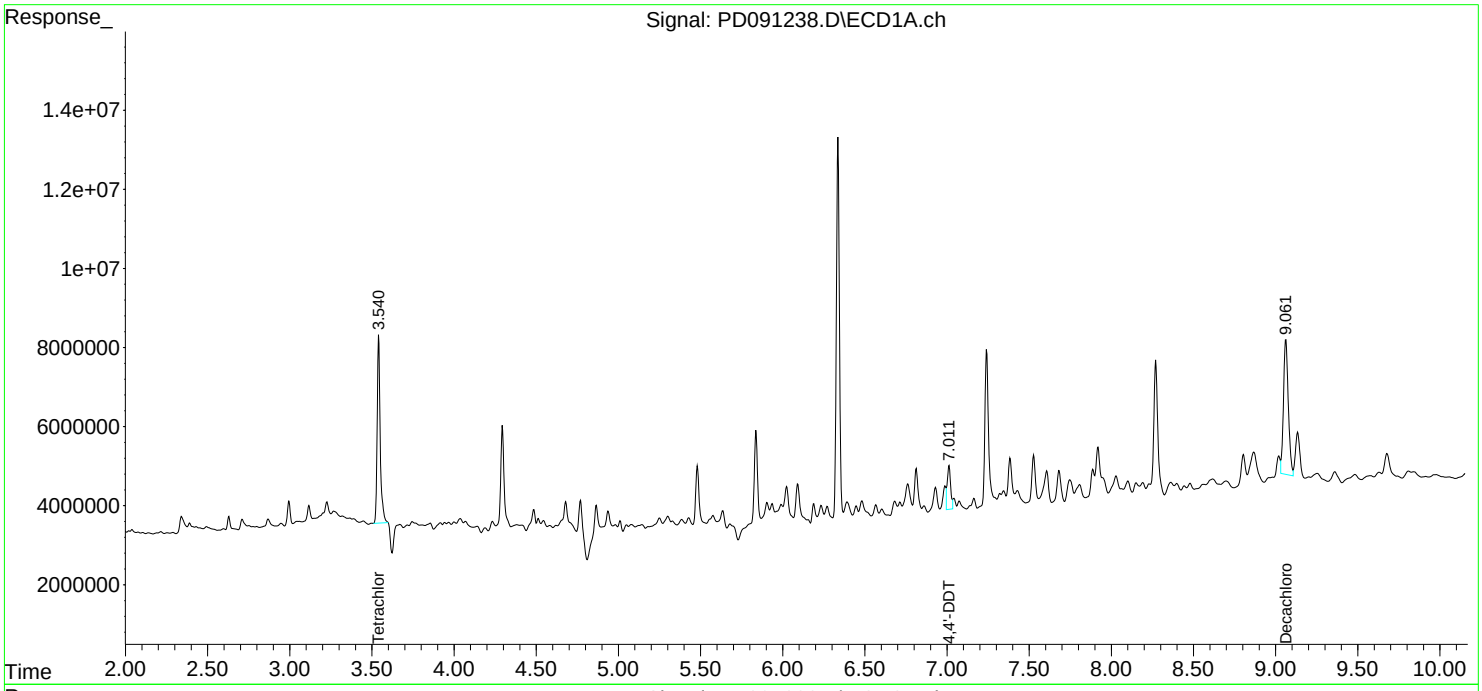
Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114

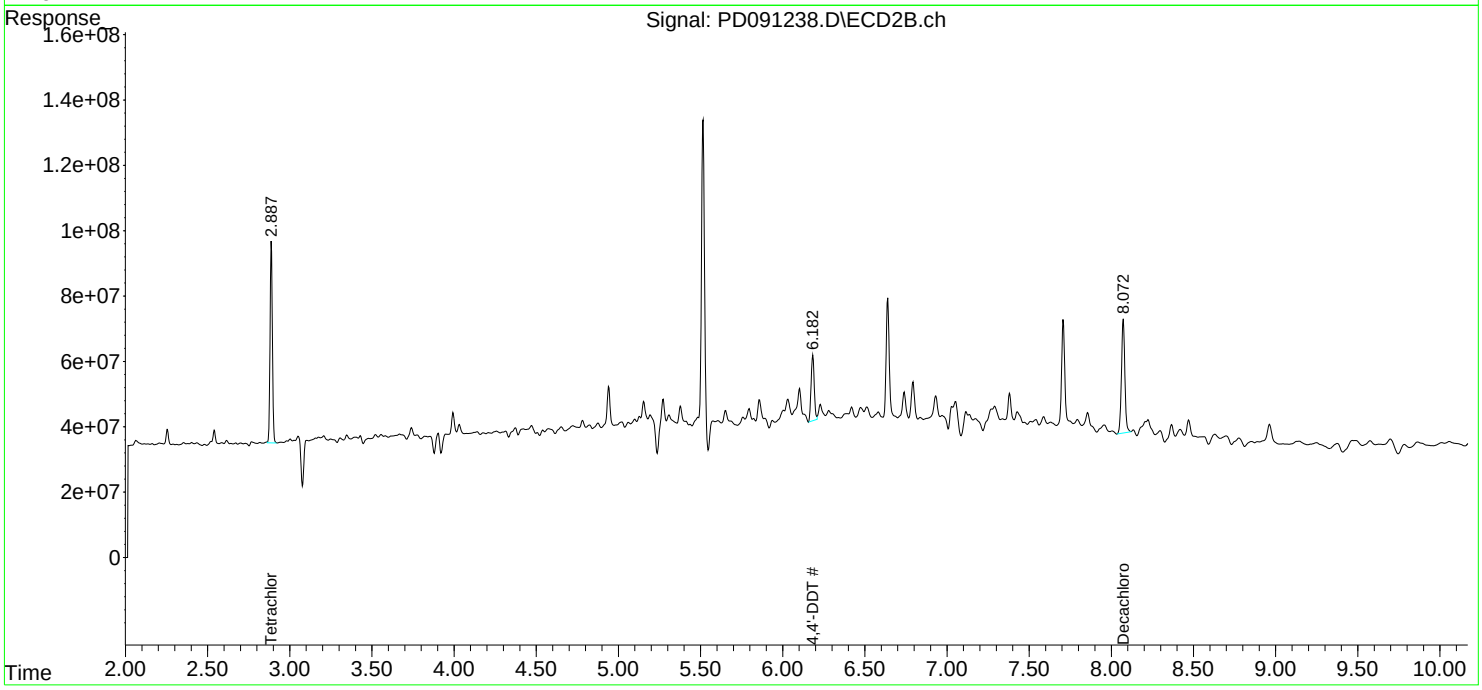
Manual Integrations APPROVED

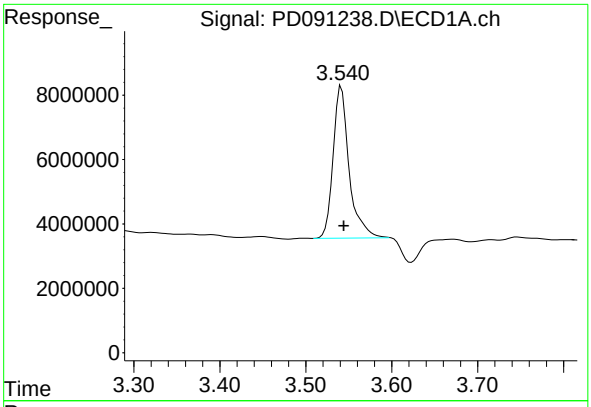
Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 08:51:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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







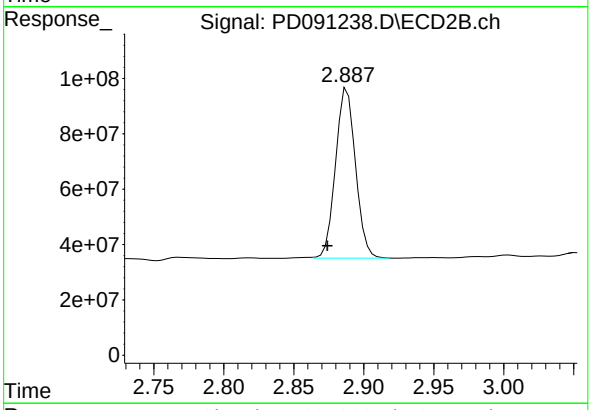
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 60979394
Conc: 17.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114

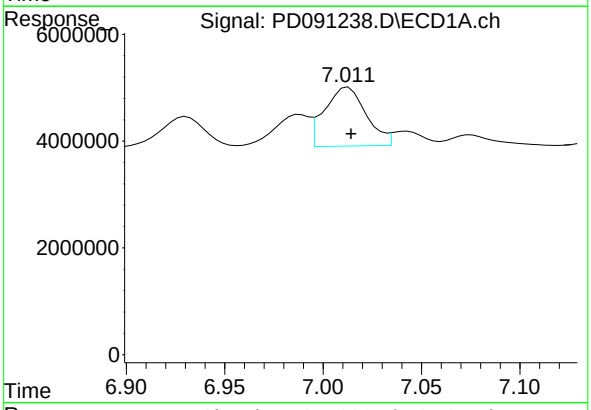
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025



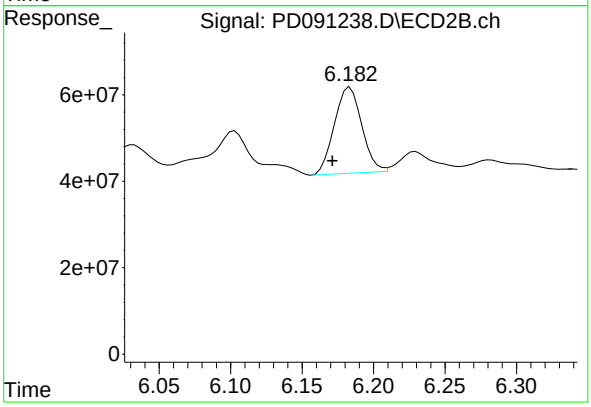
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: 0.013 min
Response: 609669024
Conc: 16.64 ng/ml m



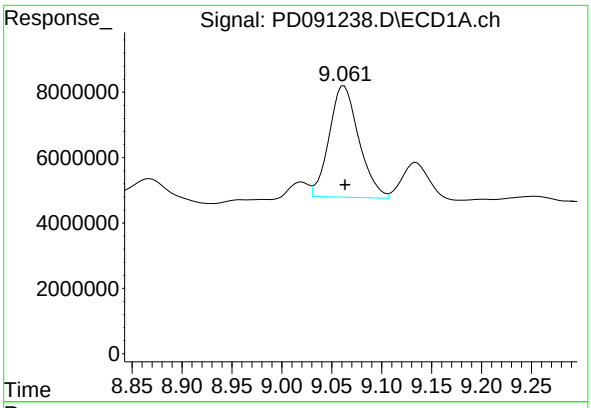
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 16270083
Conc: 3.93 ng/ml



#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.012 min
Response: 265395983
Conc: 6.78 ng/ml



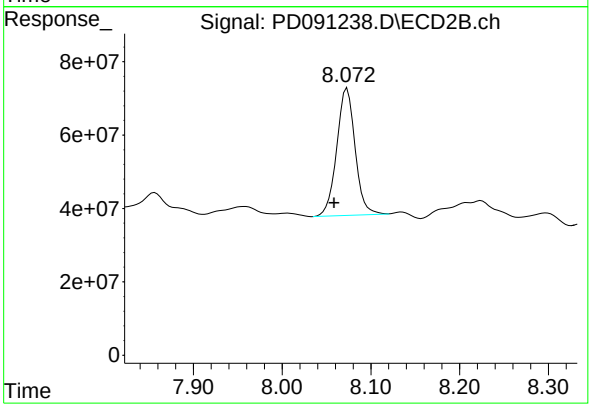
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 70508420
Conc: 14.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.013 min
Response: 499670582
Conc: 12.63 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 22:05
Operator : AR\AJ
Sample : Q3649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B4-0.0-0.5-20251114

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.872	58897174	663.1E6	17.078m	18.103
28)	SA Decachlor...	9.060	8.057	67181137	456.8E6	13.485m	11.542
	Target Compounds						

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

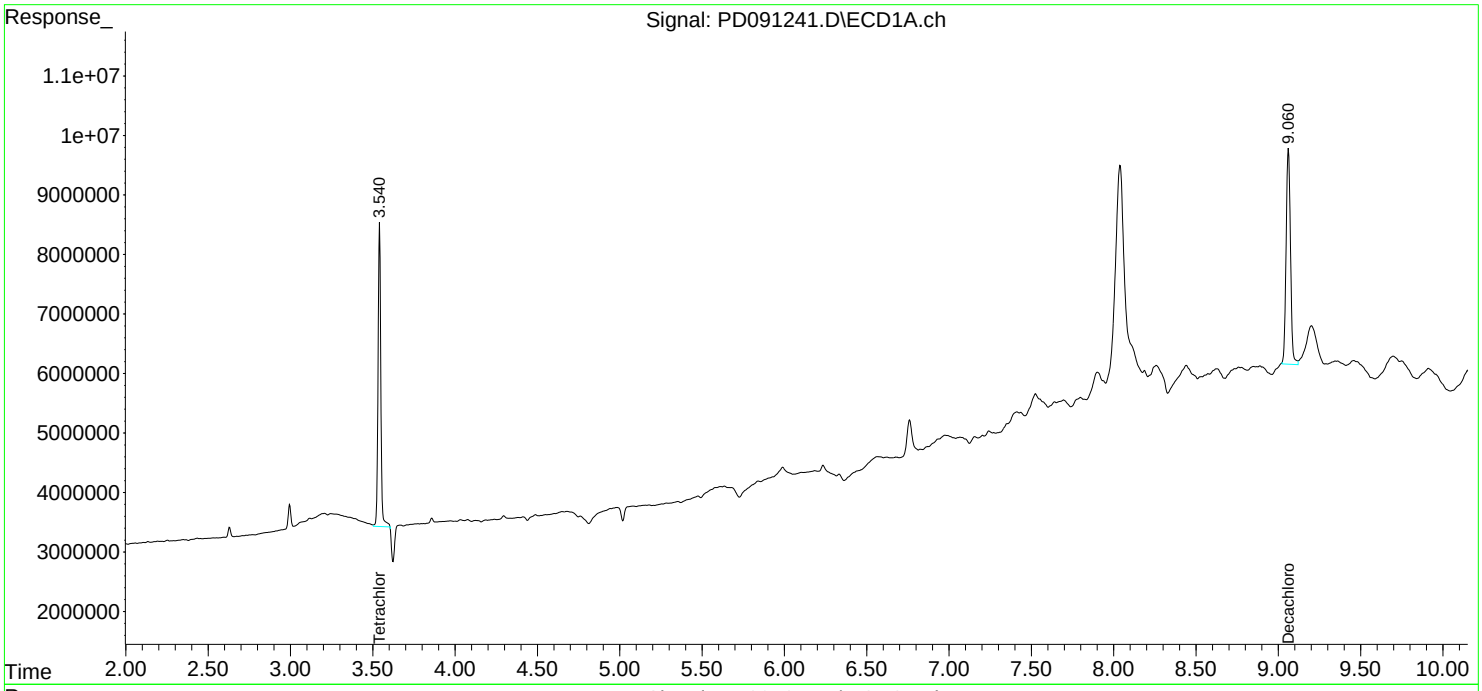
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091241.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 22:05
Operator : AR\AJ
Sample : Q3649-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

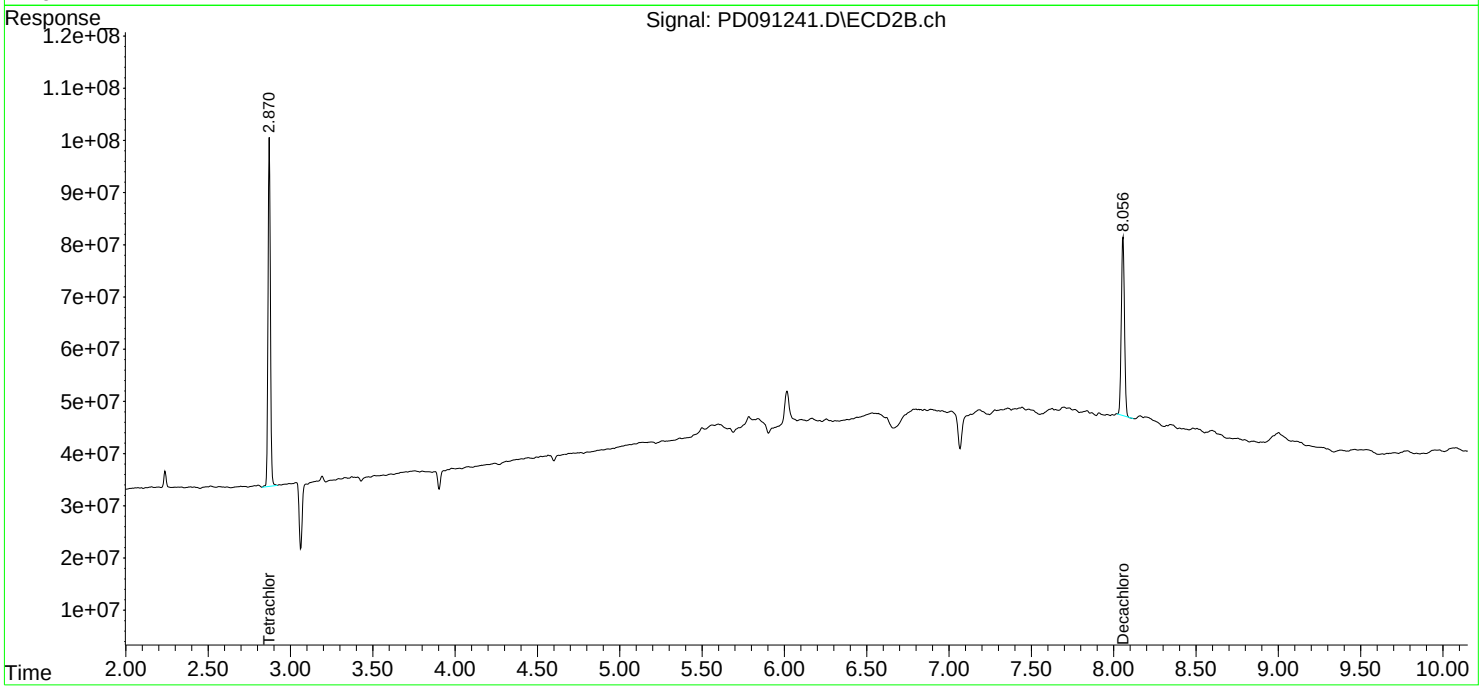
Instrument :
ECD_D
ClientSampleId :
B4-0.0-0.5-20251114

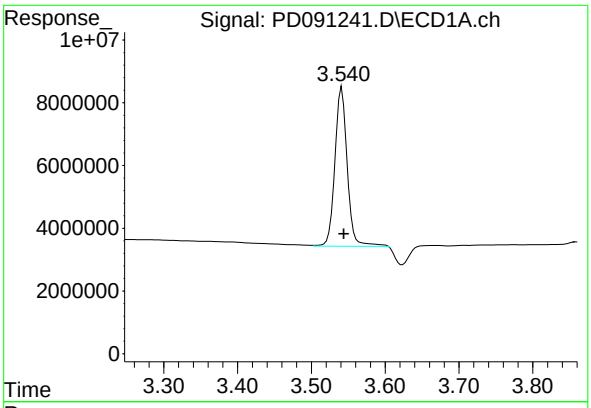
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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







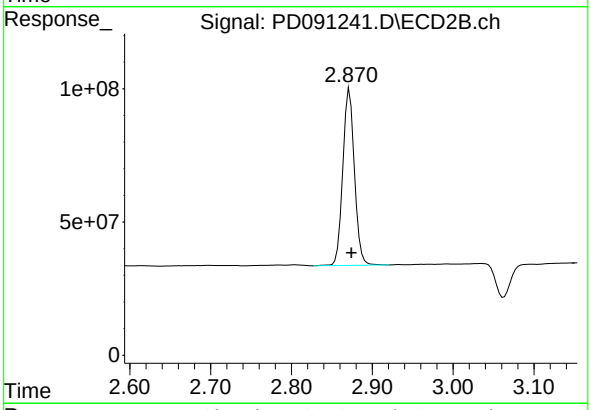
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 58897174
Conc: 17.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
B4-0.0-0.5-20251114

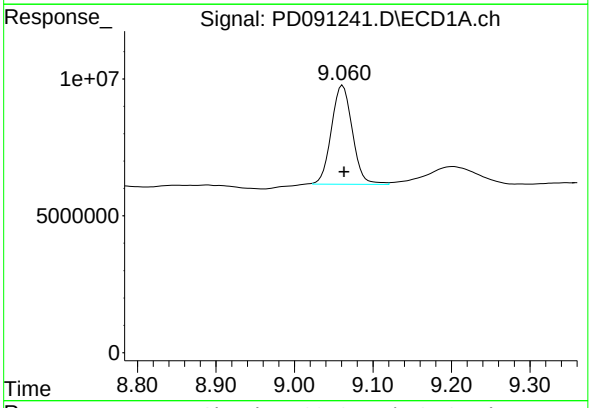
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025



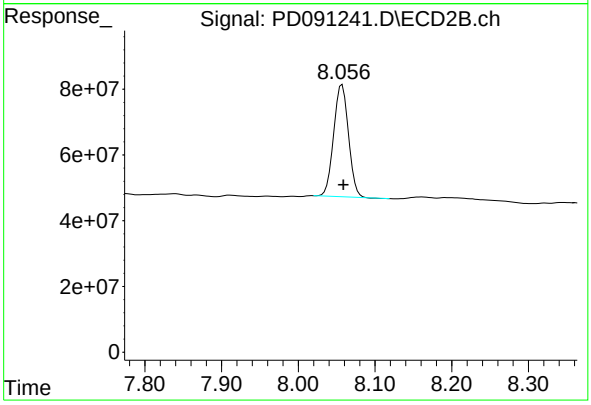
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 663113366
Conc: 18.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 67181137
Conc: 13.49 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 456777909
Conc: 11.54 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 22:19
Operator : AR\AJ
Sample : Q3649-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B3-0.0-0.5-20251114

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	65977326	704.6E6	19.131m	19.237
28)	SA Decachlor...	9.061	8.057	81091323	582.3E6	16.277	14.713
	Target Compounds						

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

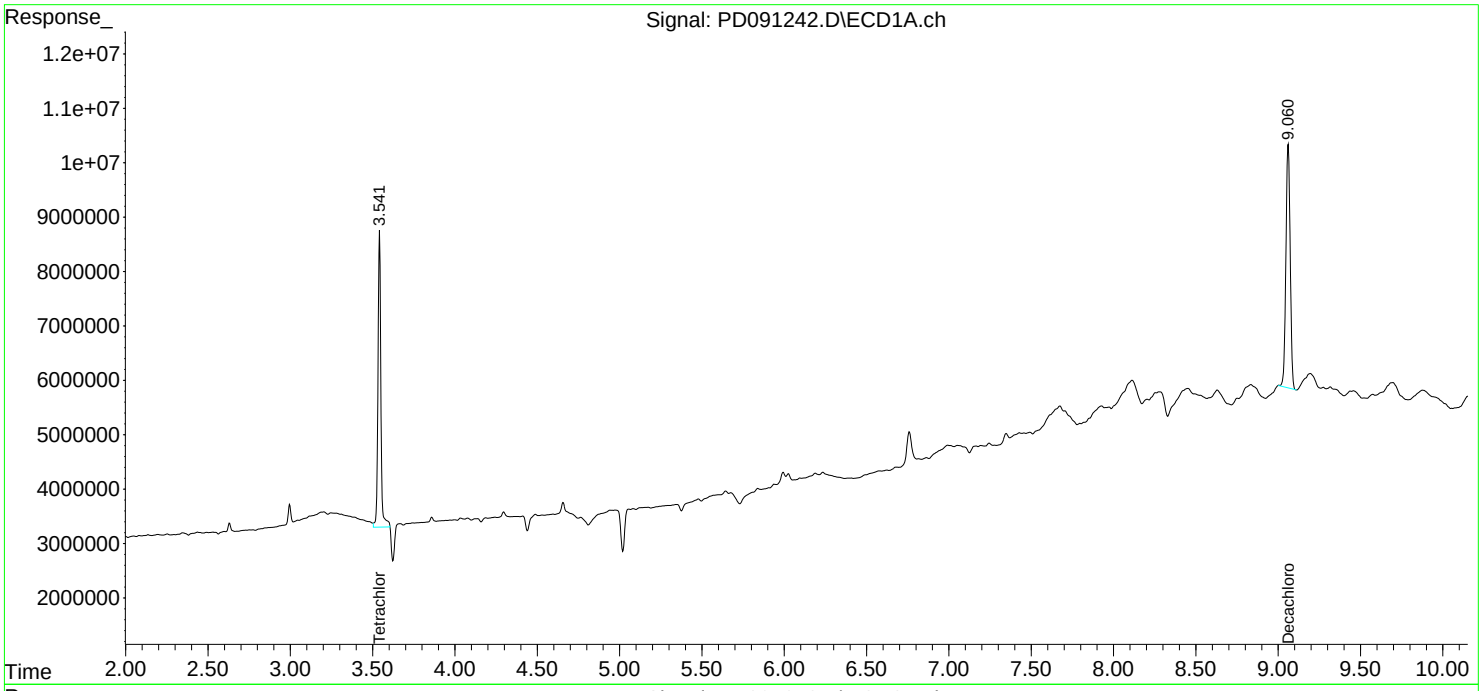
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 22:19
Operator : AR\AJ
Sample : Q3649-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

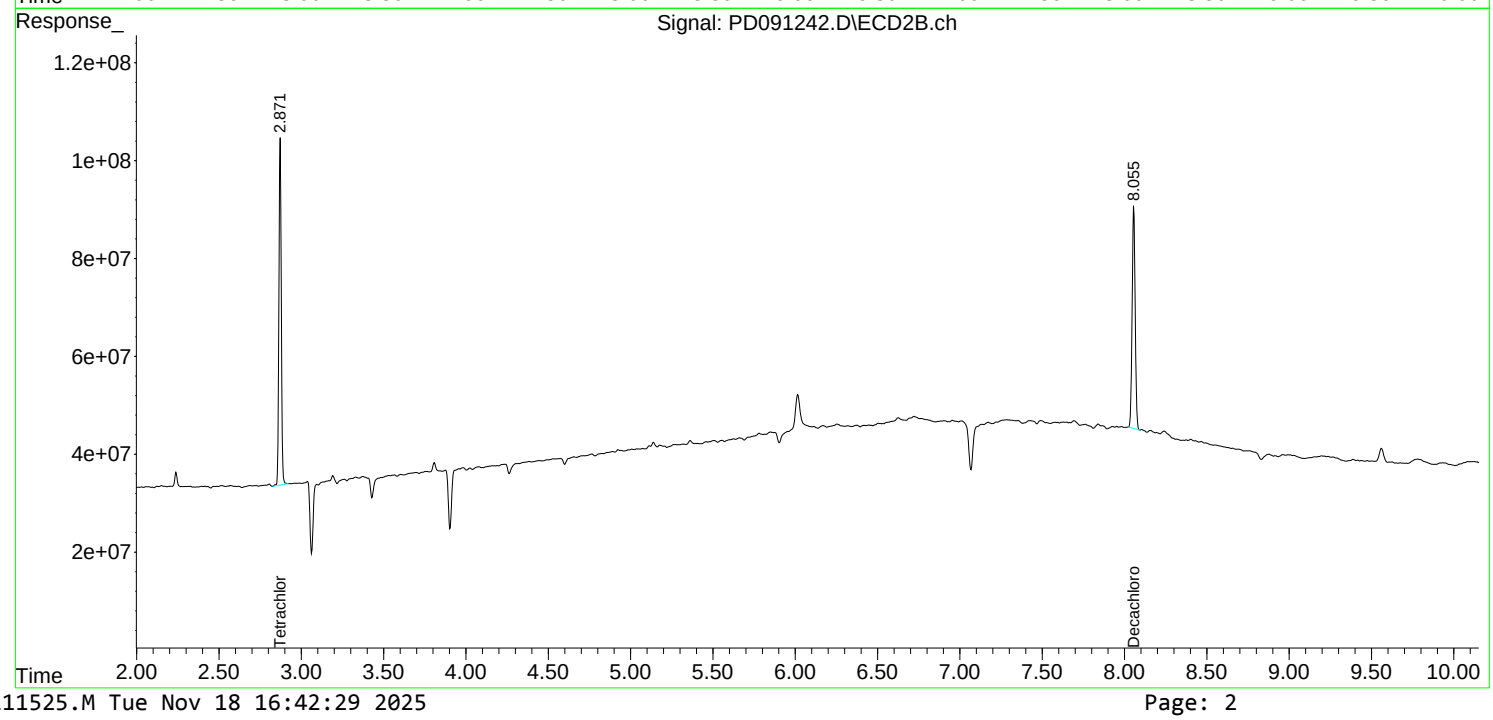
Instrument :
ECD_D
ClientSampleId :
B3-0.0-0.5-20251114

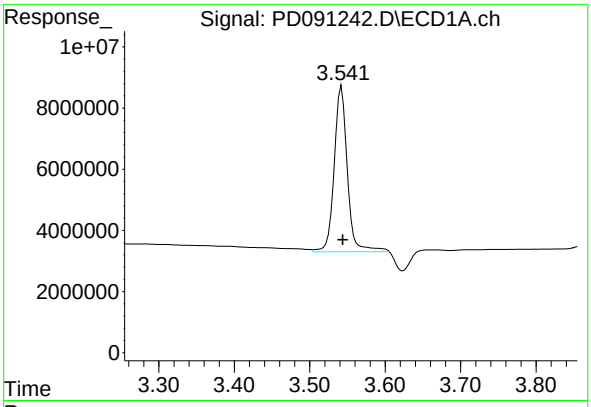
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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







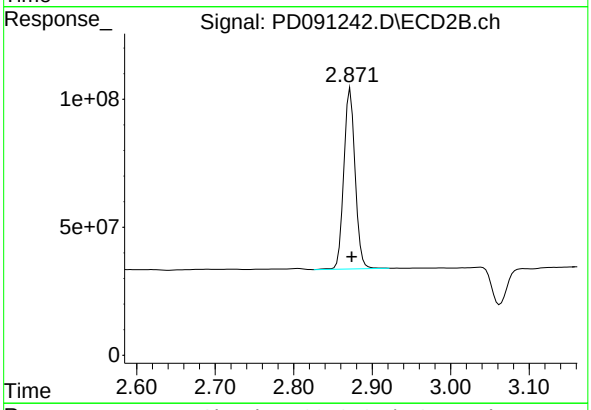
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 65977326
Conc: 19.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
B3-0.0-0.5-20251114

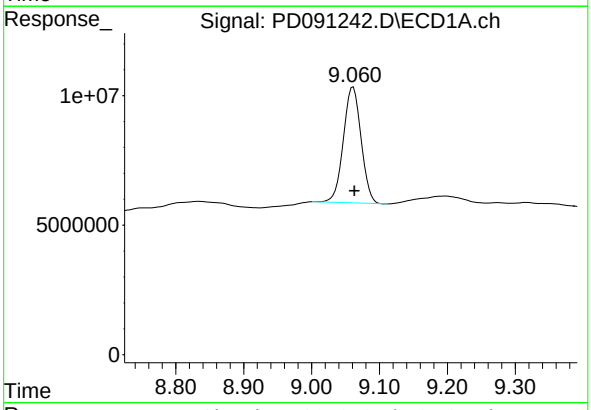
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025



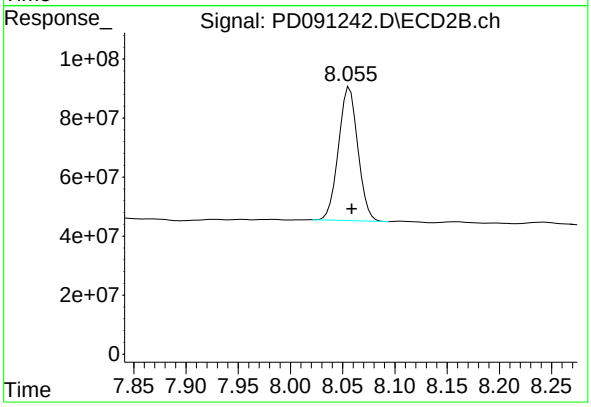
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 704645244
Conc: 19.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 81091323
Conc: 16.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 582269683
Conc: 14.71 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 13:46
Operator : AR\AJ
Sample : PB170575BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170575BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:08:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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	62697450	721.2E6	18.180	19.690
28)	SA Decachlor...	9.067	8.060	95177735	788.8E6	19.105	19.933
	Target Compounds						

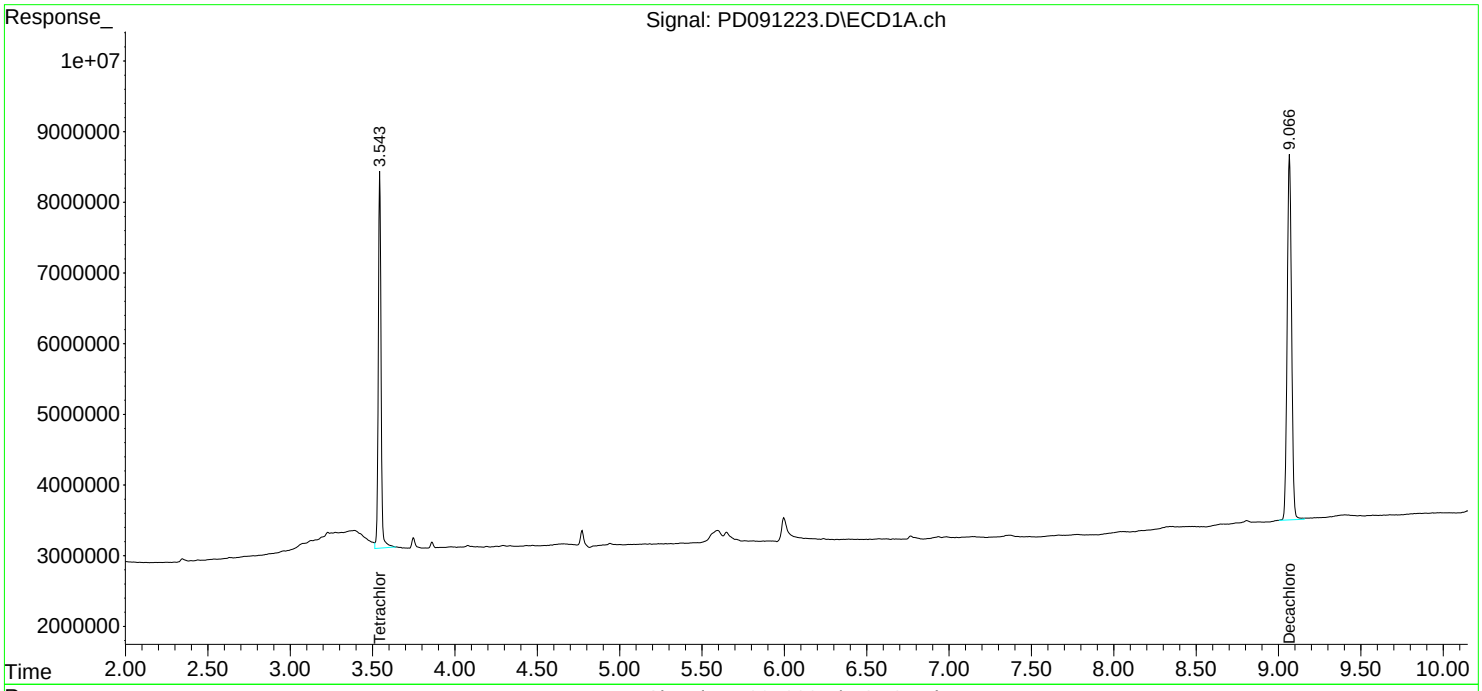
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

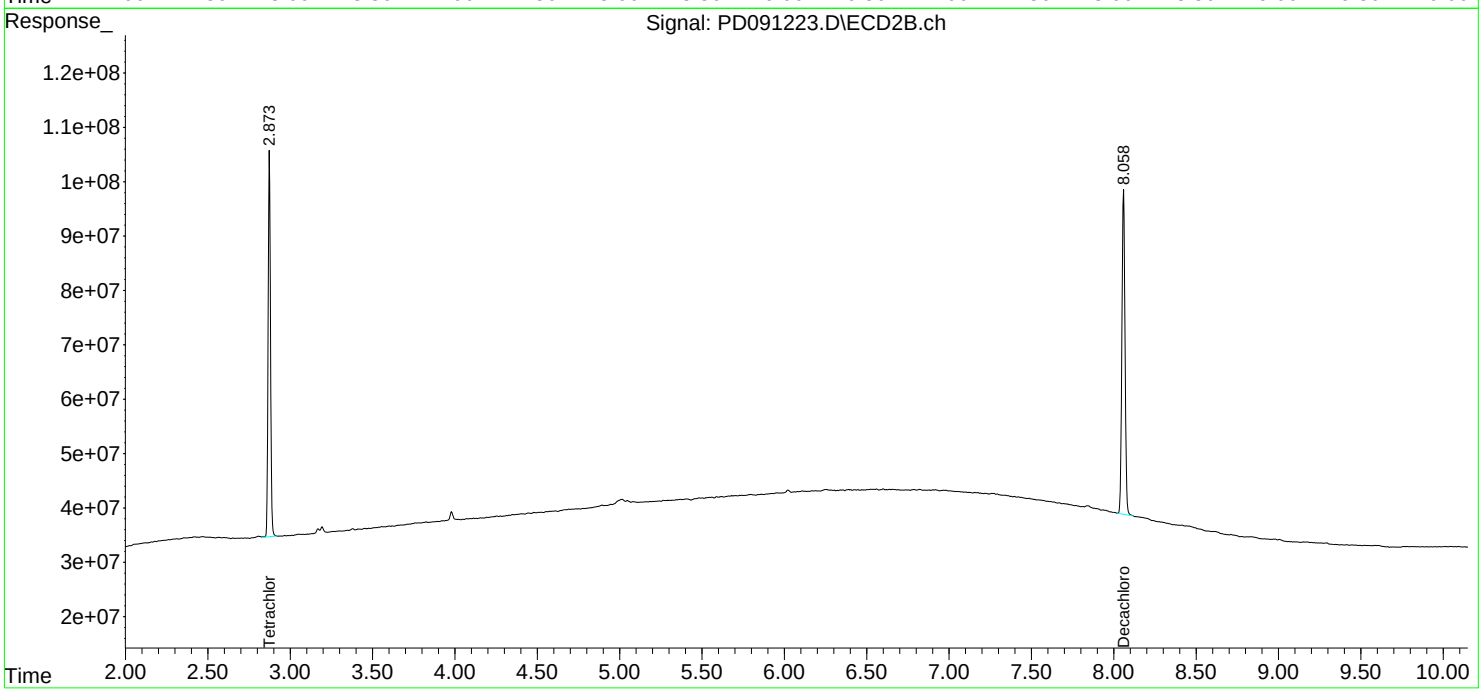
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 13:46
Operator : AR\AJ
Sample : PB170575BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

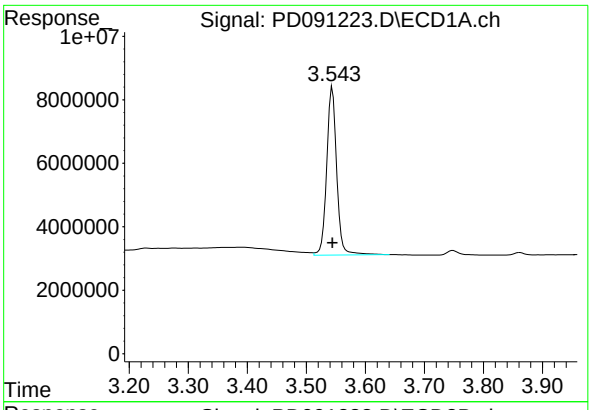
Instrument :
ECD_D
ClientSampleId :
PB170575BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:08:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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



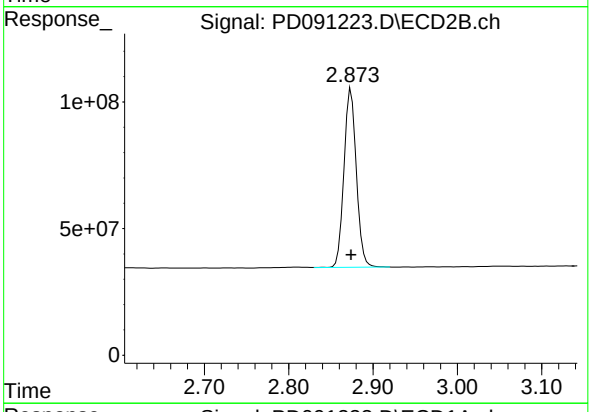




#1 Tetrachloro-m-xylene

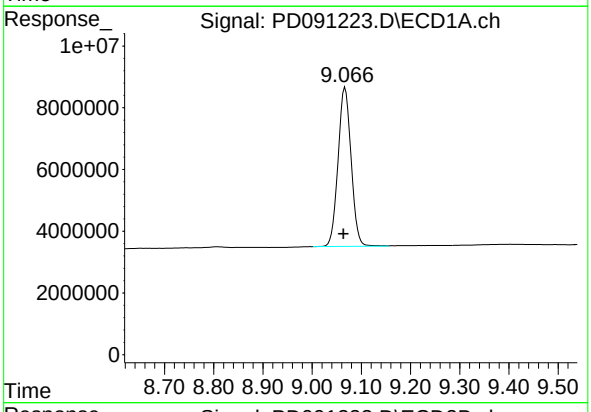
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 62697450
Conc: 18.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170575BL



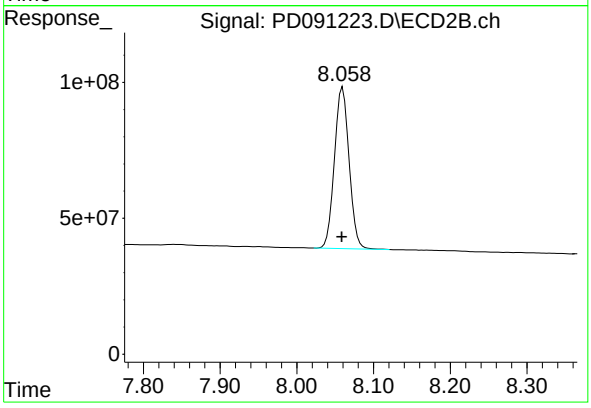
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 721236048
Conc: 19.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.004 min
Response: 95177735
Conc: 19.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: 0.001 min
Response: 788845597
Conc: 19.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 14:00
Operator : AR\AJ
Sample : PB170575BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170575BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:09:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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	75425658	879.1E6	21.871	24.000
28)	SA Decachlor...	9.067	8.060	117.6E6	988.2E6	23.614	24.971
	Target Compounds						
2)	A alpha-BHC	3.994	3.385	390.7E6	3248.1E6	48.869	51.392
3)	MA gamma-BHC...	4.324	3.721	365.6E6	2972.1E6	48.919	51.401
4)	MA Heptachlor	4.922	4.073	350.0E6	2808.8E6	48.865	50.876
5)	MB Aldrin	5.263	4.358	352.9E6	2920.3E6	48.627	51.724
6)	B beta-BHC	4.512	4.017	136.3E6	1221.9E6	46.908	50.856
7)	B delta-BHC	4.760	4.253	367.2E6	2995.2E6	49.401	51.221
8)	B Heptachlo...	5.684	4.862	312.4E6	2607.4E6	48.085	51.167
9)	A Endosulfan I	6.068	5.236	296.0E6	2462.6E6	48.178	51.463
10)	B gamma-Chl...	5.939	5.115	317.7E6	2838.5E6	48.866	51.961
11)	B alpha-Chl...	6.020	5.179	316.9E6	2711.4E6	46.041	51.812
12)	B 4,4'-DDE	6.189	5.364	284.5E6	2744.8E6	49.059	51.360
13)	MA Dieldrin	6.340	5.502	316.0E6	2783.2E6	48.879	51.245
14)	MA Endrin	6.568	5.778	223.9E6	2121.1E6	45.101	46.935
15)	B Endosulfa...	6.781	6.070	268.3E6	2387.5E6	48.268	51.146
16)	A 4,4'-DDD	6.700	5.918	236.4E6	2450.3E6	48.133	50.141
17)	MA 4,4'-DDT	7.016	6.172	205.3E6	2088.7E6	49.644	53.375
18)	B Endrin al...	6.910	6.248	205.9E6	1865.6E6	49.420	52.865
19)	B Endosulfa...	7.144	6.472	246.0E6	2285.8E6	47.810	50.982
20)	A Methoxychlor	7.489	6.742	101.7E6	1000.8E6	46.754	49.911
21)	B Endrin ke...	7.625	6.981	279.7E6	2704.1E6	49.652	53.068
22)	Mirex	8.108	7.173	167.0E6	1669.4E6	46.962	50.373

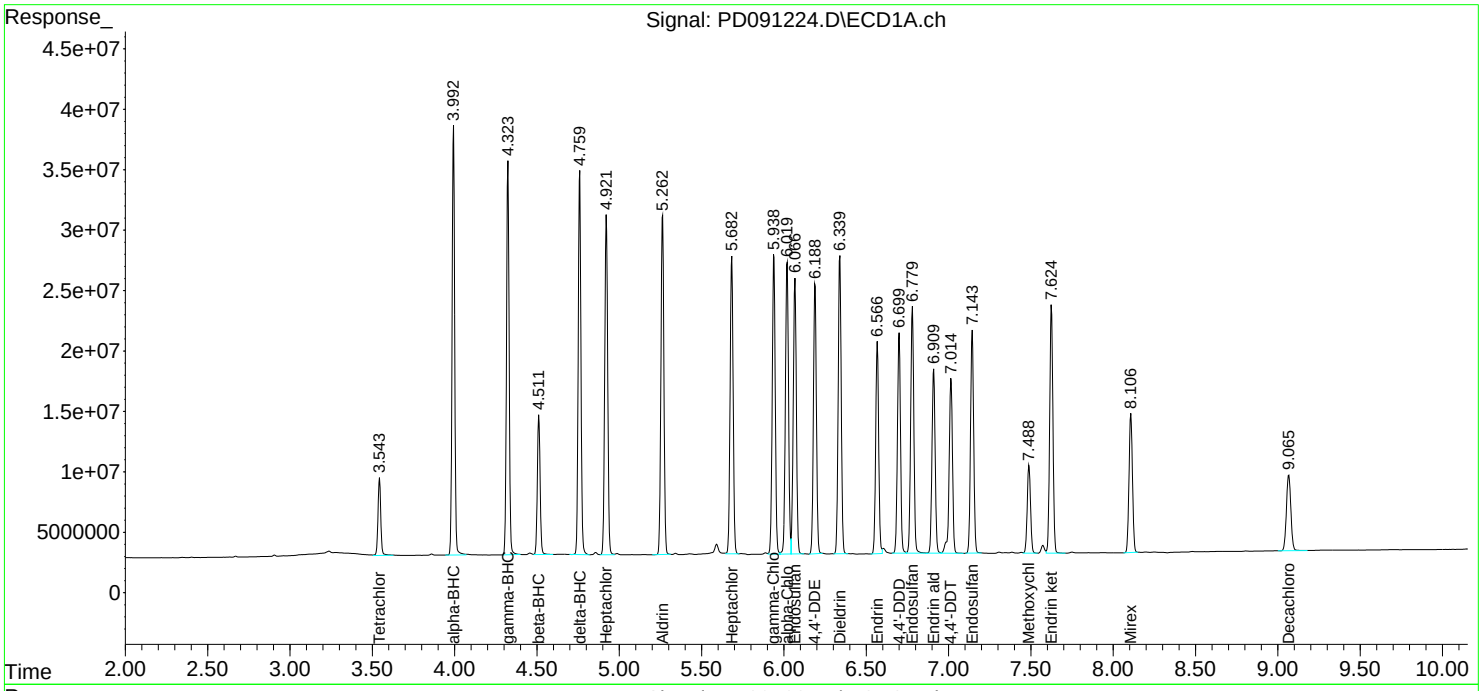
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

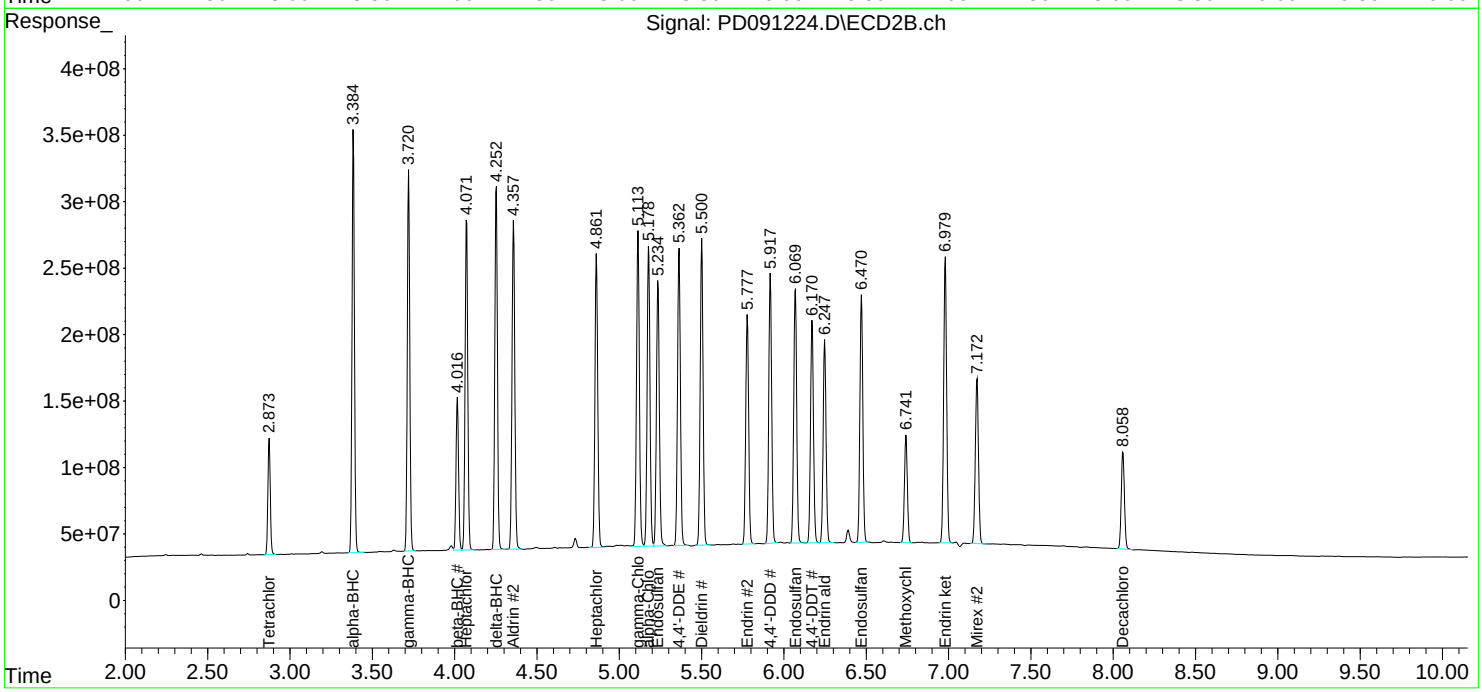
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091224.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 14:00
Operator : AR\AJ
Sample : PB170575BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170575BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:09:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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\PD111725\
Data File : PD091239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:38
Operator : AR\AJ
Sample : Q3649-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.541	2.872	57912282	635.9E6	16.793m	17.359
28)	SA Decachlor...	9.063	8.056	71586916	478.7E6	14.369	12.097
	Target Compounds						
2)	A alpha-BHC	3.992	3.383	364.1E6	2873.2E6	45.540	45.460
3)	MA gamma-BHC...	4.321	3.719	339.0E6	2552.0E6	45.365m	44.136
4)	MA Heptachlor	4.919	4.071	337.9E6	2498.2E6	47.187	45.249
5)	MB Aldrin	5.261	4.356	314.2E6	2450.9E6	43.303	43.410
6)	B beta-BHC	4.510	4.015	123.5E6	1134.9E6	42.505	47.232
7)	B delta-BHC	4.758	4.251	323.0E6	2524.8E6	43.455	43.175
8)	B Heptachlo...	5.682	4.859	271.4E6	2174.4E6	41.768	42.671
9)	A Endosulfan I	6.065	5.234	269.4E6	1800.6E6	43.849	37.629
10)	B gamma-Chl...	5.935	5.111	273.6E6	2363.0E6	42.094m	43.256m
11)	B alpha-Chl...	6.018	5.177	289.1E6	2317.7E6	42.000	44.289
12)	B 4,4'-DDE	6.188	5.361	238.6E6	2216.9E6	41.145	41.482
13)	MA Dieldrin	6.338	5.500	403.0E6	3265.2E6	62.343	60.121
14)	MA Endrin	6.565	5.777	241.3E6	2030.5E6	48.624	44.930
15)	B Endosulfa...	6.778	6.068	243.5E6	1934.0E6	43.797	41.430
16)	A 4,4'-DDD	6.697	5.916	201.8E6	1598.2E6	41.083	32.704
17)	MA 4,4'-DDT	7.013	6.170	230.3E6	2009.2E6	55.683	51.345
18)	B Endrin al...	6.907	6.246	180.3E6	1384.2E6	43.274	39.224
19)	B Endosulfa...	7.142	6.470	212.4E6	1729.0E6	41.286	38.565
20)	A Methoxychlor	7.486	6.740	106.7E6	804.5E6	49.093	40.123
21)	B Endrin ke...	7.621	6.979	226.6E6	1551.5E6	40.229m	30.448
22)	Mirex	8.104	7.171	142.5E6	1070.3E6	40.066m	32.297

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

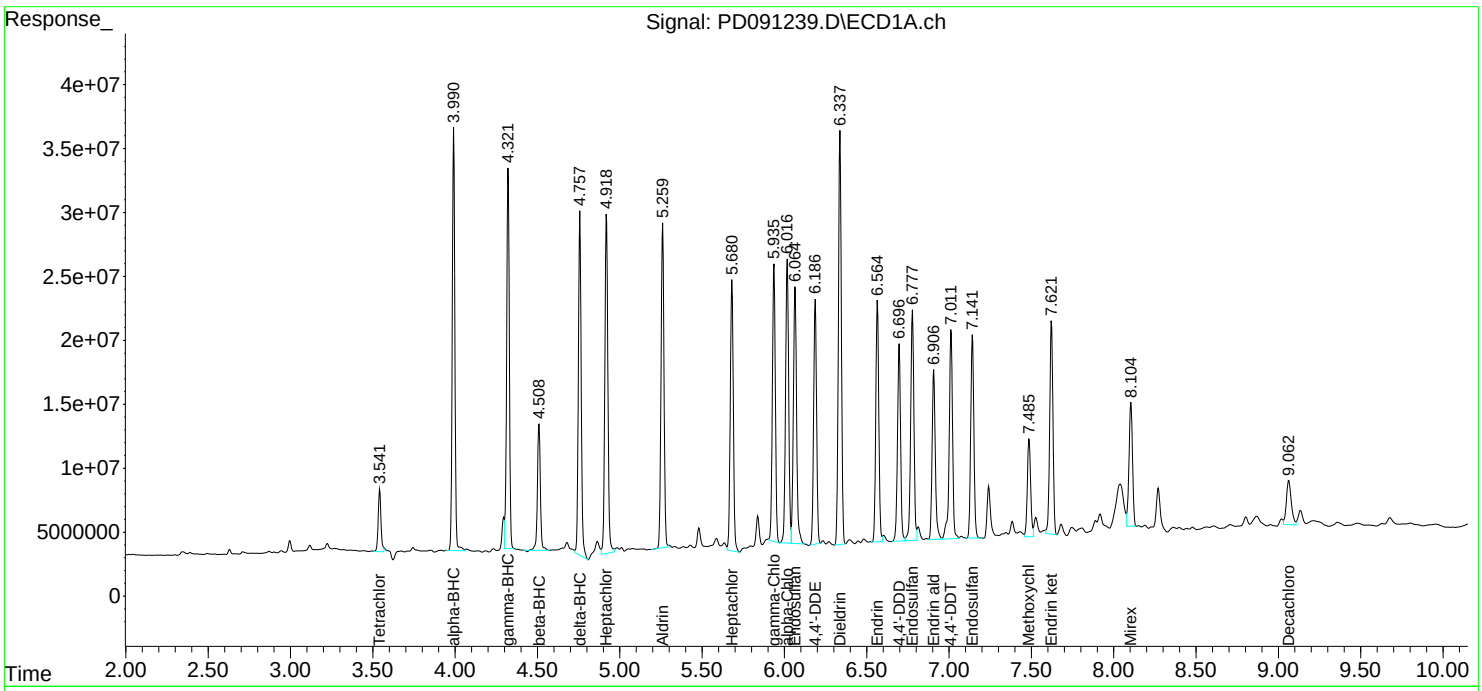
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:38
Operator : AR\AJ
Sample : Q3649-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

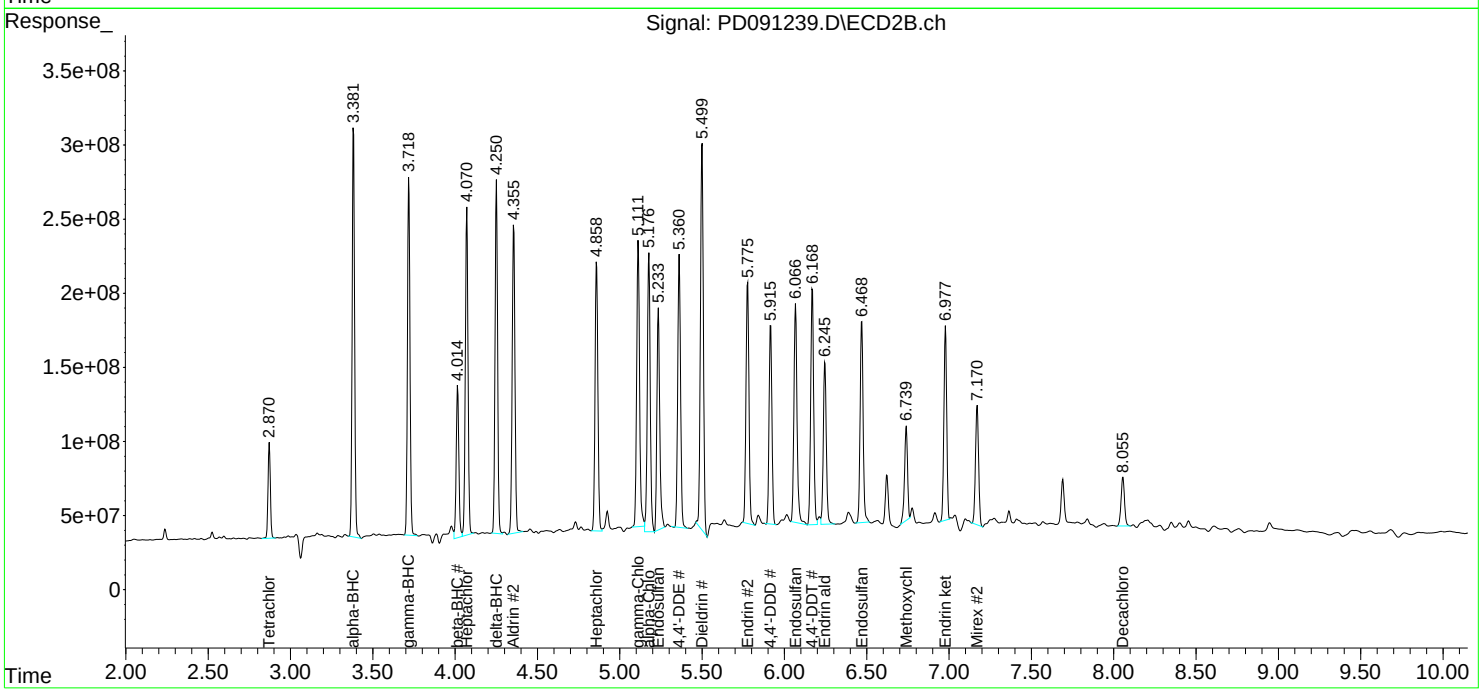
Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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\PD111725\
Data File : PD091240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:52
Operator : AR\AJ
Sample : Q3649-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 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...	3.540	2.872	56160904	628.1E6	16.285m	17.148
28)	SA Decachlor...	9.062	8.057	65039166	450.6E6	13.055	11.385
	Target Compounds						
2)	A alpha-BHC	3.991	3.383	352.1E6	2828.3E6	44.040	44.750
3)	MA gamma-BHC...	4.320	3.719	329.1E6	2492.1E6	44.037m	43.101
4)	MA Heptachlor	4.919	4.071	315.6E6	2338.1E6	44.062	42.350
5)	MB Aldrin	5.260	4.356	306.4E6	2391.1E6	42.225	42.352
6)	B beta-BHC	4.509	4.016	124.6E6	1109.7E6	42.895	46.187
7)	B delta-BHC	4.757	4.251	317.5E6	2461.7E6	42.726	42.097
8)	B Heptachlo...	5.680	4.860	265.3E6	2116.3E6	40.835	41.530
9)	A Endosulfan I	6.064	5.235	259.5E6	1751.6E6	42.248	36.604
10)	B gamma-Chl...	5.935	5.113	265.2E6	2455.4E6	40.799m	44.948
11)	B alpha-Chl...	6.017	5.177	275.6E6	2248.9E6	40.042	42.975
12)	B 4,4'-DDE	6.186	5.362	230.0E6	2145.5E6	39.655	40.146
13)	MA Dieldrin	6.337	5.499	388.8E6	3175.0E6	60.133	58.460
14)	MA Endrin	6.564	5.776	232.5E6	1951.2E6	46.847	43.176
15)	B Endosulfa...	6.777	6.067	236.0E6	1858.7E6	42.455	39.818
16)	A 4,4'-DDD	6.696	5.916	195.2E6	1555.3E6	39.735	31.826
17)	MA 4,4'-DDT	7.012	6.170	214.8E6	1847.1E6	51.952	47.202
18)	B Endrin al...	6.906	6.246	170.7E6	1309.6E6	40.971	37.109
19)	B Endosulfa...	7.141	6.469	203.5E6	1631.4E6	39.556	36.388
20)	A Methoxychlor	7.485	6.740	97413476	737.8E6	44.801	36.796
21)	B Endrin ke...	7.620	6.978	217.4E6	1442.2E6	38.595m	28.303 #
22)	Mirex	8.102	7.171	135.8E6	1007.3E6	38.181m	30.396

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

Sample Results: **PD091240.D**

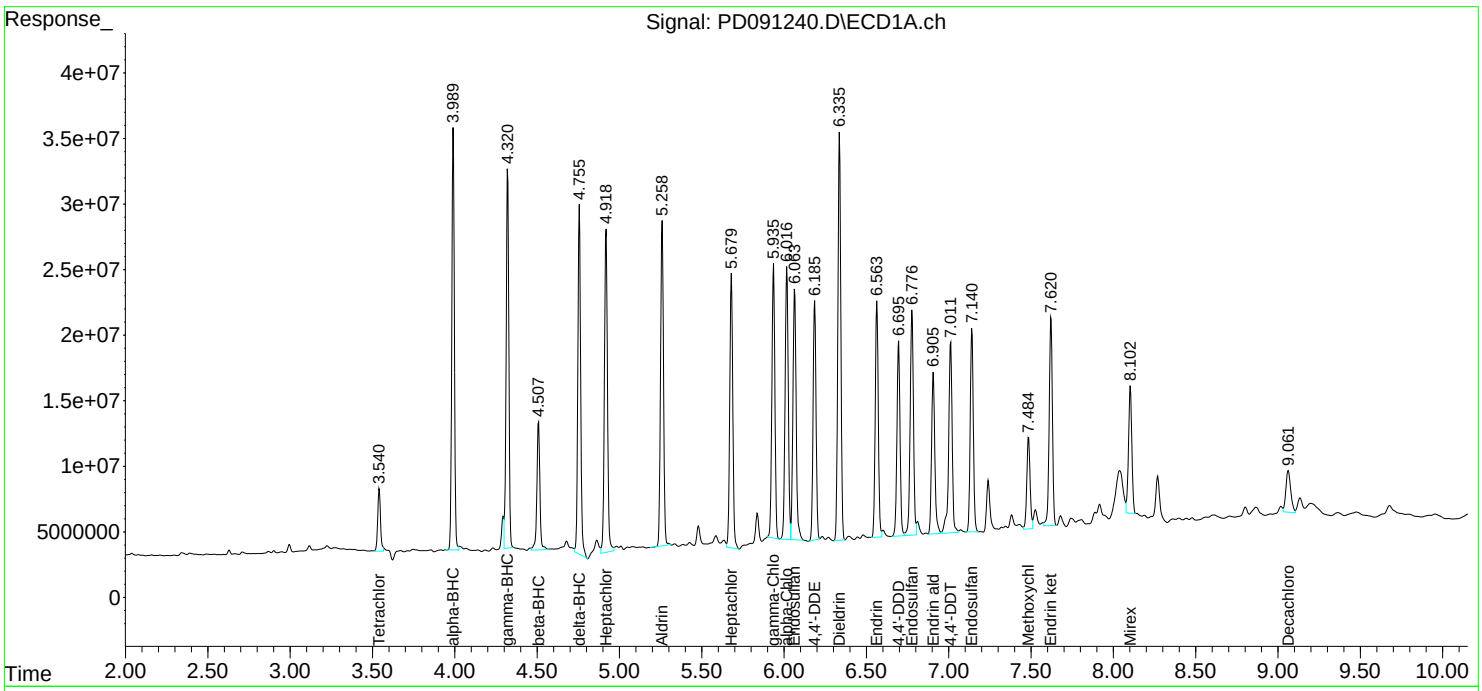
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111725\
Data File : PD091240.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2025 21:52
Operator : AR\AJ
Sample : Q3649-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

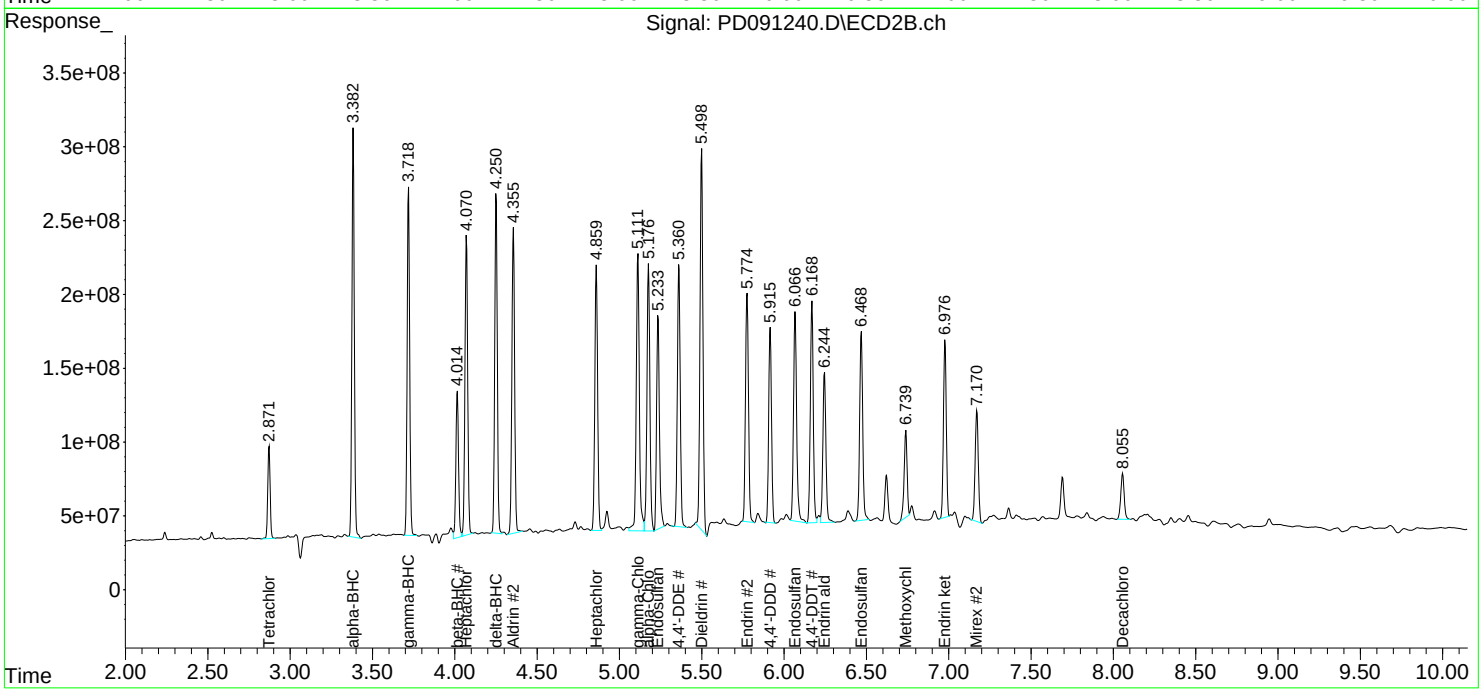
Instrument :
ECD_D
ClientSampleId :
DUPE-0.0-0.5-20251114MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 11/18/2025
Supervised By :mohammad ahmed 11/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 01:13:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Manual Integration Report

Sequence:	PD111525	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091194.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PEM	PD091194.D	Endrin aldehyde #2	Abdul	11/17/2025 8:53:25 AM	Sohil	11/17/2025 2:13:45	Peak Integrated by Software
PSTDICC005	PD091200.D	delta-BHC	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Heptachlor epoxide	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PSTDICC005	PD091200.D	Tetrachloro-m-xylene #2	Abdul	11/17/2025 8:54:07 AM	Sohil	11/17/2025 2:13:50	Peak Integrated by Software
PEM	PD091215.D	4,4"-DDE #2	Abdul	11/17/2025 8:53:18 AM	Sohil	11/17/2025 2:14:03	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd111725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD091235.D	4,4"-DDD #2	Abdul	11/18/2025 11:03:29 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
PEM	PD091235.D	Endrin aldehyde	Abdul	11/18/2025 11:03:29 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
PEM	PD091235.D	Endrin ketone #2	Abdul	11/18/2025 11:03:29 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-01	PD091237.D	Decachlorobiphenyl #2	Abdul	11/18/2025 11:03:25 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-01	PD091237.D	Tetrachloro-m-xylene	Abdul	11/18/2025 11:03:25 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-01	PD091237.D	Tetrachloro-m-xylene #2	Abdul	11/18/2025 11:03:25 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03	PD091238.D	Decachlorobiphenyl #2	Abdul	11/18/2025 11:03:23 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03	PD091238.D	Tetrachloro-m-xylene	Abdul	11/18/2025 11:03:23 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03	PD091238.D	Tetrachloro-m-xylene #2	Abdul	11/18/2025 11:03:23 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MS	PD091239.D	Endrin ketone	Abdul	11/18/2025 11:03:19 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MS	PD091239.D	gamma-BHC (Lindane)	Abdul	11/18/2025 11:03:19 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MS	PD091239.D	gamma-Chlordane	Abdul	11/18/2025 11:03:19 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MS	PD091239.D	gamma-Chlordane #2	Abdul	11/18/2025 11:03:19 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software

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Manual Integration Report

Sequence:	pd111725	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3649-03MS	PD091239.D	Mirex	Abdul	11/18/2025 11:03:19 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MS	PD091239.D	Tetrachloro-m-xylene	Abdul	11/18/2025 11:03:19 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MSD	PD091240.D	Endrin ketone	Abdul	11/18/2025 11:03:16 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MSD	PD091240.D	gamma-BHC (Lindane)	Abdul	11/18/2025 11:03:16 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MSD	PD091240.D	gamma-Chlordane	Abdul	11/18/2025 11:03:16 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MSD	PD091240.D	Mirex	Abdul	11/18/2025 11:03:16 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-03MSD	PD091240.D	Tetrachloro-m-xylene	Abdul	11/18/2025 11:03:16 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-06	PD091241.D	Decachlorobiphenyl	Abdul	11/18/2025 11:03:13 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-06	PD091241.D	Tetrachloro-m-xylene	Abdul	11/18/2025 11:03:13 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software
Q3649-08	PD091242.D	Tetrachloro-m-xylene	Abdul	11/18/2025 11:03:10 AM	mohammad	11/19/2025 12:23:26	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 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	I.BLK	PD091193.D	14 Nov 2025 20:01	AR\AJ	Ok
2	PEM	PD091194.D	14 Nov 2025 20:15	AR\AJ	Ok,M
3	RESCHK	PD091195.D	14 Nov 2025 20:43	AR\AJ	Ok
4	PSTDICC100	PD091196.D	14 Nov 2025 20:56	AR\AJ	Ok
5	PSTDICC075	PD091197.D	14 Nov 2025 21:10	AR\AJ	Ok
6	PSTDICC050	PD091198.D	14 Nov 2025 21:24	AR\AJ	Ok
7	PSTDICC025	PD091199.D	14 Nov 2025 21:37	AR\AJ	Ok
8	PSTDICC005	PD091200.D	14 Nov 2025 21:51	AR\AJ	Ok,M
9	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04	AR\AJ	Ok
10	PCHLORICC750	PD091202.D	14 Nov 2025 22:18	AR\AJ	Ok
11	PCHLORICC500	PD091203.D	14 Nov 2025 22:32	AR\AJ	Ok
12	PCHLORICC250	PD091204.D	14 Nov 2025 22:46	AR\AJ	Ok,M
13	PCHLORICC50	PD091205.D	14 Nov 2025 22:59	AR\AJ	Ok,M
14	PTOXICC1000	PD091206.D	14 Nov 2025 23:13	AR\AJ	Ok
15	PTOXICC750	PD091207.D	14 Nov 2025 23:27	AR\AJ	Ok
16	PTOXICC500	PD091208.D	14 Nov 2025 23:40	AR\AJ	Ok
17	PTOXICC250	PD091209.D	14 Nov 2025 23:54	AR\AJ	Ok
18	PTOXICC100	PD091210.D	15 Nov 2025 00:08	AR\AJ	Ok
19	PSTDICV050	PD091211.D	15 Nov 2025 00:21	AR\AJ	Ok
20	PCHLORICV050	PD091212.D	15 Nov 2025 00:49	AR\AJ	Ok
21	PTOXICV050	PD091213.D	15 Nov 2025 01:30	AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 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	I.BLK	PD091214.D	15 Nov 2025 01:44	AR\AJ	Ok
23	PEM	PD091215.D	15 Nov 2025 01:57	AR\AJ	Ok,M
24	PSTDCCC050	PD091216.D	15 Nov 2025 02:11	AR\AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111725

Review By	Abdul	Review On	11/18/2025 11:05:20 AM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:26 AM		
SubDirectory	PD111725	HP Acquire Method		HP Processing Method	pd111525 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	PD091217.D	17 Nov 2025 09:35	AR\AJ	Ok
2	I.BLK	PD091218.D	17 Nov 2025 09:51	AR\AJ	Ok
3	PEM	PD091219.D	17 Nov 2025 10:04	AR\AJ	Ok
4	PSTDCCC050	PD091220.D	17 Nov 2025 10:18	AR\AJ	Ok
5	PB170527BS	PD091221.D	17 Nov 2025 12:54	AR\AJ	Ok
6	PB170506BS	PD091222.D	17 Nov 2025 13:33	AR\AJ	Ok
7	PB170575BL	PD091223.D	17 Nov 2025 13:46	AR\AJ	Ok
8	PB170575BS	PD091224.D	17 Nov 2025 14:00	AR\AJ	Ok
9	Q3638-01	PD091225.D	17 Nov 2025 14:14	AR\AJ	Ok,M
10	Q3638-03	PD091226.D	17 Nov 2025 14:27	AR\AJ	Ok,M
11	Q3640-02	PD091227.D	17 Nov 2025 14:41	AR\AJ	Ok,M
12	Q3640-03	PD091228.D	17 Nov 2025 14:55	AR\AJ	Ok,M
13	Q3641-01	PD091229.D	17 Nov 2025 15:08	AR\AJ	Ok,M
14	Q3645-01	PD091230.D	17 Nov 2025 15:49	AR\AJ	Ok
15	Q3646-01	PD091231.D	17 Nov 2025 16:02	AR\AJ	Ok,M
16	Q3647-01	PD091232.D	17 Nov 2025 16:16	AR\AJ	Ok,M
17	Q3648-01	PD091233.D	17 Nov 2025 16:30	AR\AJ	Ok,M
18	I.BLK	PD091234.D	17 Nov 2025 19:21	AR\AJ	Ok
19	PEM	PD091235.D	17 Nov 2025 19:35	AR\AJ	Ok,M
20	PSTDCCC050	PD091236.D	17 Nov 2025 20:02	AR\AJ	Ok
21	Q3649-01	PD091237.D	17 Nov 2025 21:11	AR\AJ	Ok,M

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111725

Review By	Abdul	Review On	11/18/2025 11:05:20 AM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:26 AM		
SubDirectory	PD111725	HP Acquire Method		HP Processing Method	pd111525 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	Q3649-03	PD091238.D	17 Nov 2025 21:24	AR\AJ	Ok,M
23	Q3649-03MS	PD091239.D	17 Nov 2025 21:38	AR\AJ	Ok,M
24	Q3649-03MSD	PD091240.D	17 Nov 2025 21:52	AR\AJ	Ok,M
25	Q3649-06	PD091241.D	17 Nov 2025 22:05	AR\AJ	Ok,M
26	Q3649-08	PD091242.D	17 Nov 2025 22:19	AR\AJ	Ok,M
27	I.BLK	PD091243.D	17 Nov 2025 22:33	AR\AJ	Ok
28	PSTDCCC050	PD091244.D	17 Nov 2025 23:00	AR\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 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	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	I.BLK	I.BLK	PD091193.D	14 Nov 2025 20:01		AR\AJ	Ok
2	PEM	PEM	PD091194.D	14 Nov 2025 20:15		AR\AJ	Ok,M
3	RESCHK	RESCHK	PD091195.D	14 Nov 2025 20:43		AR\AJ	Ok
4	PSTDICC100	PSTDICC100	PD091196.D	14 Nov 2025 20:56		AR\AJ	Ok
5	PSTDICC075	PSTDICC075	PD091197.D	14 Nov 2025 21:10		AR\AJ	Ok
6	PSTDICC050	PSTDICC050	PD091198.D	14 Nov 2025 21:24		AR\AJ	Ok
7	PSTDICC025	PSTDICC025	PD091199.D	14 Nov 2025 21:37		AR\AJ	Ok
8	PSTDICC005	PSTDICC005	PD091200.D	14 Nov 2025 21:51		AR\AJ	Ok,M
9	PCHLORICC1000	PCHLORICC1000	PD091201.D	14 Nov 2025 22:04		AR\AJ	Ok
10	PCHLORICC750	PCHLORICC750	PD091202.D	14 Nov 2025 22:18		AR\AJ	Ok
11	PCHLORICC500	PCHLORICC500	PD091203.D	14 Nov 2025 22:32		AR\AJ	Ok
12	PCHLORICC250	PCHLORICC250	PD091204.D	14 Nov 2025 22:46		AR\AJ	Ok,M
13	PCHLORICC50	PCHLORICC50	PD091205.D	14 Nov 2025 22:59		AR\AJ	Ok,M
14	PTOXICC1000	PTOXICC1000	PD091206.D	14 Nov 2025 23:13		AR\AJ	Ok
15	PTOXICC750	PTOXICC750	PD091207.D	14 Nov 2025 23:27		AR\AJ	Ok
16	PTOXICC500	PTOXICC500	PD091208.D	14 Nov 2025 23:40		AR\AJ	Ok
17	PTOXICC250	PTOXICC250	PD091209.D	14 Nov 2025 23:54		AR\AJ	Ok
18	PTOXICC100	PTOXICC100	PD091210.D	15 Nov 2025 00:08		AR\AJ	Ok

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Fax : 908 789 8922

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111525

Review By	rahul	Review On	11/14/2025 3:12:58 PM		
Supervise By	Sohil	Supervise On	11/17/2025 2:14:18 PM		
SubDirectory	PD111525	HP Acquire Method		HP Processing Method	pd111525 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	PSTDICV050	ICVPD111525	PD091211.D	15 Nov 2025 00:21		AR\AJ	Ok
20	PCHLORICV050	ICVPD111525CHLOR	PD091212.D	15 Nov 2025 00:49		AR\AJ	Ok
21	PTOXICV050	ICVPD111525TOX	PD091213.D	15 Nov 2025 01:30		AR\AJ	Ok
22	I.BLK	I.BLK	PD091214.D	15 Nov 2025 01:44		AR\AJ	Ok
23	PEM	PEM	PD091215.D	15 Nov 2025 01:57		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PD091216.D	15 Nov 2025 02:11		AR\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111725

Review By	Abdul	Review On	11/18/2025 11:05:20 AM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:26 AM		
SubDirectory	PD111725	HP Acquire Method		HP Processing Method	pd111525 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	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD091217.D	17 Nov 2025 09:35		AR\AJ	Ok
2	I.BLK	I.BLK	PD091218.D	17 Nov 2025 09:51		AR\AJ	Ok
3	PEM	PEM	PD091219.D	17 Nov 2025 10:04		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD091220.D	17 Nov 2025 10:18		AR\AJ	Ok
5	PB170527BS	PB170527BS	PD091221.D	17 Nov 2025 12:54		AR\AJ	Ok
6	PB170506BS	PB170506BS	PD091222.D	17 Nov 2025 13:33		AR\AJ	Ok
7	PB170575BL	PB170575BL	PD091223.D	17 Nov 2025 13:46		AR\AJ	Ok
8	PB170575BS	PB170575BS	PD091224.D	17 Nov 2025 14:00		AR\AJ	Ok
9	Q3638-01	MOO-25-0327	PD091225.D	17 Nov 2025 14:14		AR\AJ	Ok,M
10	Q3638-03	MOO-25-0328	PD091226.D	17 Nov 2025 14:27		AR\AJ	Ok,M
11	Q3640-02	LAW-25-0179-0180	PD091227.D	17 Nov 2025 14:41		AR\AJ	Ok,M
12	Q3640-03	LAW-25-0182	PD091228.D	17 Nov 2025 14:55	TCMX low in 2nd column	AR\AJ	Ok,M
13	Q3641-01	TR-05-111325	PD091229.D	17 Nov 2025 15:08		AR\AJ	Ok,M
14	Q3645-01	HD-02-11142025	PD091230.D	17 Nov 2025 15:49		AR\AJ	Ok
15	Q3646-01	SU-03-11142025	PD091231.D	17 Nov 2025 16:02		AR\AJ	Ok,M
16	Q3647-01	VNJ-212	PD091232.D	17 Nov 2025 16:16		AR\AJ	Ok,M
17	Q3648-01	OR-02-111425	PD091233.D	17 Nov 2025 16:30		AR\AJ	Ok,M
18	I.BLK	I.BLK	PD091234.D	17 Nov 2025 19:21		AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD111725

Review By	Abdul	Review On	11/18/2025 11:05:20 AM		
Supervise By	mohammad	Supervise On	11/19/2025 12:23:26 AM		
SubDirectory	PD111725	HP Acquire Method		HP Processing Method	pd111525 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	PEM	PEM	PD091235.D	17 Nov 2025 19:35		AR\AJ	Ok,M
20	PSTDCCC050	PSTDCCC050	PD091236.D	17 Nov 2025 20:02		AR\AJ	Ok
21	Q3649-01	B5-0.0-0.5-20251114	PD091237.D	17 Nov 2025 21:11		AR\AJ	Ok,M
22	Q3649-03	DUPE-0.0-0.5-2025111	PD091238.D	17 Nov 2025 21:24		AR\AJ	Ok,M
23	Q3649-03MS	DUPE-0.0-0.5-2025111	PD091239.D	17 Nov 2025 21:38		AR\AJ	Ok,M
24	Q3649-03MSD	DUPE-0.0-0.5-2025111	PD091240.D	17 Nov 2025 21:52		AR\AJ	Ok,M
25	Q3649-06	B4-0.0-0.5-20251114	PD091241.D	17 Nov 2025 22:05		AR\AJ	Ok,M
26	Q3649-08	B3-0.0-0.5-20251114	PD091242.D	17 Nov 2025 22:19		AR\AJ	Ok,M
27	I.BLK	I.BLK	PD091243.D	17 Nov 2025 22:33		AR\AJ	Ok
28	PSTDCCC050	PSTDCCC050	PD091244.D	17 Nov 2025 23:00		AR\AJ	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170575

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 11/17/2025

Extraction Start Time : 09:06

Extraction End Date : 11/17/2025

Extraction End Time : 12:15

Concentration By: EH

Supervisor By : RUPESH

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

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

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2660
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3984
Florisil	N/A	E3976
9:1 Hexane:Acetone Mixture	N/A	EP2644
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.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/17/25	RS (Back lab)	R. Patel/PCB Lab
12:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170575

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 11/17/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170575BL	PBLK575	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170575BS	PLCS575	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			2
Q3638-01	MOO-25-0327	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E	Small Particles	3
Q3638-03	MOO-25-0328	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E	Small Particles	4
Q3640-02	LAW-25-0179-0180	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	A		5
Q3640-03	LAW-25-0182	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E	Small Particles	6
Q3641-01	TR-05-111325	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		U2-1
Q3645-01	HD-02-11142025	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		2
Q3646-01	SU-03-11142025	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		3
Q3647-01	VNJ-212	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E	Concrete	4
Q3648-01	OR-02-111425	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		5
Q3649-01	B5-0.0-0.5-20251114	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	B		6
Q3649-03	DUPE-0.0-0.5-20251114	Pesticide-TCL	30.09	N/A	ritesh	Evelyn	10	B		U3-1
Q3649-03MS	DUPE-0.0-0.5-20251114 MS	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	B		2
Q3649-03MSD	DUPE-0.0-0.5-20251114 MSD	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	B		3
Q3649-06	B4-0.0-0.5-20251114	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10	B		4
Q3649-08	B3-0.0-0.5-20251114	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	B		5

RJ 11/17

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

170575
9:06

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3638 **WorkList ID :** 193146 **Department :** Extraction **Date :** 11-17-2025 08:59:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3638-01	MOO-25-0327	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/13/2025	8081B
Q3638-03	MOO-25-0328	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/13/2025	8081B
Q3640-02	LAW-25-0179-0180	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/13/2025	8081B
Q3640-03	LAW-25-0182	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/13/2025	8081B
Q3641-01	TR-05-111325	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/13/2025	8081B
Q3645-01	HD-02-11142025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	11/13/2025	8081B
Q3646-01	SU-03-11142025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D51	11/14/2025	8081B
Q3647-01	VNJ-212	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D31	11/14/2025	8081B
Q3648-01	OR-02-111425	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	11/14/2025	8081B
Q3649-01	B5-0.0-0.5-20251114	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	11/14/2025	8081B
Q3649-03	DUPE-0.0-0.5-20251114	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	11/14/2025	8081B
Q3649-06	B4-0.0-0.5-20251114	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	11/14/2025	8081B
Q3649-08	B3-0.0-0.5-20251114	Solid	Pesticide-TCL	Cool 4 deg C	HDRI08	D41	11/14/2025	8081B

Date/Time 11/17/25 9:01
Raw Sample Received by: RJ (EXT(96)
Raw Sample Relinquished by: CA

Date/Time 11/17/25 9:30
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EXT(96)

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

LAB CHRONICLE

OrderID:	Q3649	**OrderDate:**	11/14/2025 3:02:13 PM
Client:	HDR, Inc.	**Project:**	PVWC Linear Construction
Contact:	Andrew Wadden	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3649-01	**B5-0.0-0.5-20251114**	**SOIL**			**11/14/25**			**11/14/25**
			PCB	8082A		11/17/25	11/17/25	
			Pesticide-TCL	8081B		11/17/25	11/17/25	
Q3649-03	**DUPE-0.0-0.5-20251114**	**SOIL**			**11/14/25**			**11/14/25**
			PCB	8082A		11/17/25	11/17/25	
			Pesticide-TCL	8081B		11/17/25	11/17/25	
Q3649-06	**B4-0.0-0.5-20251114**	**SOIL**			**11/14/25**			**11/14/25**
			PCB	8082A		11/17/25	11/17/25	
			Pesticide-TCL	8081B		11/17/25	11/17/25	
Q3649-08	**B3-0.0-0.5-20251114**	**SOIL**			**11/14/25**			**11/14/25**
			PCB	8082A		11/17/25	11/17/25	
			Pesticide-TCL	8081B		11/17/25	11/17/25	