

DATA REPORTING QUALIFIERS- ORGANIC

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

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

LAB CHRONICLE

OrderID: Q3495	OrderDate: 10/30/2025 10:45:41 AM
Client: Remington & Vernick Engineers	Project: Maclearie Park
Contact: Kyle Carlson	Location: D51,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3495-02	SB-1025-2	SOIL			10/27/25			10/29/25
			PCB	8082A		10/31/25	10/31/25	
			Pesticide-TCL	8081B		10/31/25	10/31/25	
			EPH_NF	NJEPH		10/31/25	10/31/25	
Q3495-03	TW-1025-1	WATER			10/27/25			10/29/25
			PCB	8082A		10/31/25	10/31/25	
			Pesticide-TCL	8081B		10/31/25	10/31/25	



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Hit Summary Sheet
SW-846

SDG No.: Q3495

Order ID: Q3495

Client: Remington & Vernick Engineers

Project ID: Maclearie Park

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: **Q3495**

Client: **Remington & Vernick Engineers**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD090647.D	PIBLK-PD090647.D	Decachlorobiphen	1	20	21.3	106		57	171
		Tetrachloro-m-xyl	1	20	19.4	97		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PD090924.D	PIBLK-PD090924.D	Decachlorobiphen	1	20	22.3	111		57	171
		Tetrachloro-m-xyl	1	20	20.4	102		61	148
		Decachlorobiphen	2	20	28.7	143		57	171
		Tetrachloro-m-xyl	2	20	23.8	119		61	148
PB170348BL	PB170348BL	Decachlorobiphen	1	20	21.9	110		57	171
		Tetrachloro-m-xyl	1	20	18.8	94		61	148
		Decachlorobiphen	2	20	27.2	136		57	171
		Tetrachloro-m-xyl	2	20	22.4	112		61	148
Q3495-03	TW-1025-1	Decachlorobiphen	1	20	13.4	67		57	171
		Tetrachloro-m-xyl	1	20	16.6	83		61	148
		Decachlorobiphen	2	20	16.8	84		57	171
		Tetrachloro-m-xyl	2	20	19.9	100		61	148
I.BLK-PD090932.D	PIBLK-PD090932.D	Decachlorobiphen	1	20	21.9	110		57	171
		Tetrachloro-m-xyl	1	20	20.3	102		61	148
		Decachlorobiphen	2	20	28.1	140		57	171
		Tetrachloro-m-xyl	2	20	23.1	116		61	148
I.BLK-PD090948.D	PIBLK-PD090948.D	Decachlorobiphen	1	20	17.7	89		57	171
		Tetrachloro-m-xyl	1	20	19.2	96		61	148
		Decachlorobiphen	2	20	12.9	65		57	171
		Tetrachloro-m-xyl	2	20	19.9	99		61	148
PB170348BSD	PB170348BSD	Decachlorobiphen	1	20	25.0	125		57	171
		Tetrachloro-m-xyl	1	20	26.8	134		61	148
		Decachlorobiphen	2	20	21.3	106		57	171
		Tetrachloro-m-xyl	2	20	28.5	142		61	148
PB170348BS	PB170348BS	Decachlorobiphen	1	20	24.8	124		57	171
		Tetrachloro-m-xyl	1	20	27.6	138		61	148
		Decachlorobiphen	2	20	22.9	115		57	171
		Tetrachloro-m-xyl	2	20	28.8	144		61	148
I.BLK-PD090956.D	PIBLK-PD090956.D	Decachlorobiphen	1	20	19.2	96		57	171
		Tetrachloro-m-xyl	1	20	19.6	98		61	148
		Decachlorobiphen	2	20	17.8	89		57	171
		Tetrachloro-m-xyl	2	20	20.0	100		61	148
I.BLK-PL097636.D	PIBLK-PL097636.D	Decachlorobiphen	1	20	20.2	101		57	171
		Tetrachloro-m-xyl	1	20	18.0	90		61	148
		Decachlorobiphen	2	20	20.1	101		57	171
		Tetrachloro-m-xyl	2	20	18.7	94		61	148
I.BLK-PL097699.D	PIBLK-PL097699.D	Decachlorobiphen	1	20	22.7	113		57	171

Surrogate Summary

SDG No.: Q3495

Client: Remington & Vernick Engineers

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL097699.D	PIBLK-PL097699.D	Tetrachloro-m-xyl	1	20	23.6	118		61	148
		Decachlorobiphen	2	20	20.1	100		57	171
PB170340BL	PB170340BL	Tetrachloro-m-xyl	2	20	22.9	115		61	148
		Decachlorobiphen	1	20	18.9	94		20	144
		Tetrachloro-m-xyl	1	20	19.4	97		19	148
		Decachlorobiphen	2	20	15.9	80		20	144
		Tetrachloro-m-xyl	2	20	20.0	100		19	148
		Decachlorobiphen	1	20	23.4	117		20	144
PB170340BS	PB170340BS	Tetrachloro-m-xyl	1	20	23.7	118		19	148
		Decachlorobiphen	2	20	19.8	99		20	144
		Tetrachloro-m-xyl	2	20	23.1	116		19	148
		Decachlorobiphen	1	20	16.1	81		20	144
Q3495-02	SB-1025-2	Tetrachloro-m-xyl	1	20	19.7	99		19	148
		Decachlorobiphen	2	20	14.3	72		20	144
		Tetrachloro-m-xyl	2	20	18.9	94		19	148
		Decachlorobiphen	1	20	14.8	74		20	144
Q3495-02MS	SB-1025-2MS	Tetrachloro-m-xyl	1	20	16.8	84		19	148
		Decachlorobiphen	2	20	12.8	64		20	144
		Tetrachloro-m-xyl	2	20	16.7	83		19	148
		Decachlorobiphen	1	20	14.9	74		20	144
Q3495-02MSD	SB-1025-2MSD	Tetrachloro-m-xyl	1	20	17.0	85		19	148
		Decachlorobiphen	2	20	13.4	67		20	144
		Tetrachloro-m-xyl	2	20	17.2	86		19	148
		Decachlorobiphen	1	20	23.1	115		57	171
I.BLK-PL097714.D	PIBLK-PL097714.D	Tetrachloro-m-xyl	1	20	23.0	115		61	148
		Decachlorobiphen	2	20	20.5	103		57	171
		Tetrachloro-m-xyl	2	20	23.6	118		61	148
		Decachlorobiphen	1	20	23.1	115		57	171

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3495</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Remington & Vernick Engineers</u>	DataFile :	<u>PL097707.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
			Result								High	RPD
Lab Sample ID:	Q3495-02MS (Column 1)	Client Sample ID:		SB-1025-2MS								
	alpha-BHC	22.16	0	22.1	ug/kg	100				60	144	
	beta-BHC	22.16	0	22.5	ug/kg	102				54	143	
	delta-BHC	22.16	0	23.0	ug/kg	104				29	151	
	gamma-BHC (Lindane)	22.16	0	22.1	ug/kg	100				61	140	
	Heptachlor	22.16	0	22.9	ug/kg	103				63	135	
	Aldrin	22.16	0	21.7	ug/kg	98				49	139	
	Heptachlor epoxide	22.16	0	21.1	ug/kg	95				41	156	
	Endosulfan I	22.16	0	21.4	ug/kg	97				56	142	
	Dieldrin	22.16	0	21.5	ug/kg	97				47	161	
	4,4'-DDE	22.16	0	22.6	ug/kg	102				55	136	
	Endrin	22.16	0	21.2	ug/kg	96				57	139	
	Endosulfan II	22.16	0	21.9	ug/kg	99				40	163	
	4,4'-DDD	22.16	0	23.3	ug/kg	105				47	163	
	Endosulfan sulfate	22.16	0	21.9	ug/kg	99				62	139	
	4,4'-DDT	22.16	0	22.1	ug/kg	100				51	146	
	Methoxychlor	22.16	0	21.5	ug/kg	97				54	136	
	Endrin ketone	22.16	0	21.7	ug/kg	98				60	129	
	Endrin aldehyde	22.16	0	21.6	ug/kg	97				59	132	
	alpha-Chlordane	22.16	0	21.4	ug/kg	97				39	166	
	gamma-Chlordane	22.16	0	21.9	ug/kg	99				44	175	
Lab Sample ID:	Q3495-02MS (Column 2)	Client Sample ID:		SB-1025-2MS								
	alpha-BHC	22.16	0	21.7	ug/kg	98				60	144	
	beta-BHC	22.16	0	20.7	ug/kg	93				54	143	
	delta-BHC	22.16	0	21.7	ug/kg	98				29	151	
	gamma-BHC (Lindane)	22.16	0	21.8	ug/kg	98				61	140	
	Heptachlor	22.16	0	21.4	ug/kg	97				63	135	
	Aldrin	22.16	0	21.8	ug/kg	98				49	139	
	Heptachlor epoxide	22.16	0	21.5	ug/kg	97				41	156	
	Endosulfan I	22.16	0	21.2	ug/kg	96				56	142	
	Dieldrin	22.16	0	21.6	ug/kg	97				47	161	
	4,4'-DDE	22.16	0	21.5	ug/kg	97				55	136	
	Endrin	22.16	0	22.1	ug/kg	100				57	139	
	Endosulfan II	22.16	0	21.0	ug/kg	95				40	163	
	4,4'-DDD	22.16	0	20.3	ug/kg	92				47	163	
	Endosulfan sulfate	22.16	0	20.2	ug/kg	91				62	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3495</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Remington & Vernick Engineers</u>	DataFile :	<u>PL097707.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits	
		Result	Result							High	RPD
4,4'-DDT	22.16	0	20.6	ug/kg	93				51	146	
Methoxychlor	22.16	0	19.6	ug/kg	88				54	136	
Endrin ketone	22.16	0	19.9	ug/kg	90				60	129	
Endrin aldehyde	22.16	0	19.2	ug/kg	87				59	132	
alpha-Chlordane	22.16	0	21.3	ug/kg	96				39	166	
gamma-Chlordane	22.16	0	21.1	ug/kg	95				44	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3495</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Remington & Vernick Engineers</u>	DataFile :	<u>PL097708.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		
			Result	Result			Qual	RPD	Qual	Low	High	RPD	
Lab Sample ID:	Q3495-02MSD	Client Sample ID:		SB-1025-2MSD									
	(Column 1)												
	alpha-BHC	22.18	0	22.7	ug/kg	102			2		60	144	20
	beta-BHC	22.18	0	23.0	ug/kg	104			2		54	143	20
	delta-BHC	22.18	0	23.6	ug/kg	106			2		29	151	20
	gamma-BHC (Lindane)	22.18	0	22.6	ug/kg	102			2		61	140	20
	Heptachlor	22.18	0	23.5	ug/kg	106			3		63	135	20
	Aldrin	22.18	0	22.2	ug/kg	100			2		49	139	20
	Heptachlor epoxide	22.18	0	21.6	ug/kg	97			2		41	156	20
	Endosulfan I	22.18	0	22.1	ug/kg	100			3		56	142	20
	Dieldrin	22.18	0	22.0	ug/kg	99			2		47	161	20
	4,4'-DDE	22.18	0	23.3	ug/kg	105			3		55	136	20
	Endrin	22.18	0	21.7	ug/kg	98			2		57	139	20
	Endosulfan II	22.18	0	22.4	ug/kg	101			2		40	163	20
	4,4'-DDD	22.18	0	23.8	ug/kg	107			2		47	163	20
	Endosulfan sulfate	22.18	0	22.3	ug/kg	101			2		62	139	20
	4,4'-DDT	22.18	0	22.4	ug/kg	101			1		51	146	20
	Methoxychlor	22.18	0	21.4	ug/kg	96			1		54	136	20
	Endrin ketone	22.18	0	22.3	ug/kg	101			3		60	129	20
	Endrin aldehyde	22.18	0	22.2	ug/kg	100			3		59	132	20
	alpha-Chlordane	22.18	0	22.1	ug/kg	100			3		39	166	20
	gamma-Chlordane	22.18	0	22.3	ug/kg	101			2		44	175	20
Lab Sample ID:	Q3495-02MSD	Client Sample ID:		SB-1025-2MSD									
	(Column 2)												
	alpha-BHC	22.18	0	22.3	ug/kg	101			3		60	144	20
	beta-BHC	22.18	0	21.2	ug/kg	96			3		54	143	20
	delta-BHC	22.18	0	22.3	ug/kg	101			3		29	151	20
	gamma-BHC (Lindane)	22.18	0	22.4	ug/kg	101			3		61	140	20
	Heptachlor	22.18	0	21.7	ug/kg	98			1		63	135	20
	Aldrin	22.18	0	22.4	ug/kg	101			3		49	139	20
	Heptachlor epoxide	22.18	0	21.9	ug/kg	99			2		41	156	20
	Endosulfan I	22.18	0	21.7	ug/kg	98			2		56	142	20
	Dieldrin	22.18	0	22.0	ug/kg	99			2		47	161	20
	4,4'-DDE	22.18	0	22.0	ug/kg	99			2		55	136	20
	Endrin	22.18	0	22.5	ug/kg	101			1		57	139	20
	Endosulfan II	22.18	0	21.5	ug/kg	97			2		40	163	20
	4,4'-DDD	22.18	0	20.9	ug/kg	94			2		47	163	20
	Endosulfan sulfate	22.18	0	20.8	ug/kg	94			3		62	139	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3495</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Remington & Vernick Engineers</u>	DataFile :	<u>PL097708.D</u>

Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
		Result	Result			Qual	RPD	Qual	Low	High	RPD
4,4'-DDT	22.18	0	21.0	ug/kg	95		2		51	146	20
Methoxychlor	22.18	0	20.0	ug/kg	90		2		54	136	20
Endrin ketone	22.18	0	20.5	ug/kg	92		2		60	129	20
Endrin aldehyde	22.18	0	19.7	ug/kg	89		2		59	132	20
alpha-Chlordane	22.18	0	21.7	ug/kg	98		2		39	166	20
gamma-Chlordane	22.18	0	21.5	ug/kg	97		2		44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3495

Analytical Method: 8081B

Client: Remington & Vernick Engineers

Datafile : PD090950.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170348BSD (Column 1)	alpha-BHC	0.5	0.52	ug/L	104	0			85	130	20
	beta-BHC	0.5	0.49	ug/L	97	2			83	126	20
	delta-BHC	0.5	0.51	ug/L	103	0			69	141	20
	gamma-BHC (Lindane)	0.5	0.51	ug/L	103	0			82	129	20
	Heptachlor	0.5	0.63	ug/L	127	1			79	127	20
	Aldrin	0.5	0.51	ug/L	102	1			79	126	20
	Heptachlor epoxide	0.5	0.49	ug/L	97	4			81	124	20
	Endosulfan I	0.5	0.48	ug/L	97	1			85	122	20
	Dieldrin	0.5	0.49	ug/L	98	0			83	125	20
	4,4'-DDE	0.5	0.48	ug/L	97	1			80	127	20
	Endrin	0.5	0.47	ug/L	95	2			81	128	20
	Endosulfan II	0.5	0.48	ug/L	95	2			82	123	20
	4,4'-DDD	0.5	0.49	ug/L	98	1			77	131	20
	Endosulfan sulfate	0.5	0.45	ug/L	91	1			76	129	20
	4,4'-DDT	0.5	0.48	ug/L	95	1			80	133	20
	Methoxychlor	0.5	0.47	ug/L	94	2			78	108	20
	Endrin ketone	0.5	0.46	ug/L	91	1			80	131	20
	Endrin aldehyde	0.5	0.44	ug/L	89	1			82	127	20
	alpha-Chlordane	0.5	0.47	ug/L	93	4			82	125	20
	gamma-Chlordane	0.5	0.48	ug/L	97	3			82	125	20
	alpha-BHC	0.5	0.51	ug/L	102	1			85	130	20
	beta-BHC	0.5	0.50	ug/L	99	1			83	126	20
	delta-BHC	0.5	0.50	ug/L	101	1			69	141	20
	gamma-BHC (Lindane)	0.5	0.51	ug/L	101	1			82	129	20
PB170348BSD (Column 2)	Heptachlor	0.5	0.53	ug/L	106	1			79	127	20
	Aldrin	0.5	0.50	ug/L	101	0			79	126	20
	Heptachlor epoxide	0.5	0.50	ug/L	100	0			81	124	20
	Endosulfan I	0.5	0.49	ug/L	98	3			85	122	20
	Dieldrin	0.5	0.48	ug/L	96	3			83	125	20
	4,4'-DDE	0.5	0.48	ug/L	96	3			80	127	20
	Endrin	0.5	0.46	ug/L	92	4			81	128	20
	Endosulfan II	0.5	0.45	ug/L	91	3			82	123	20
	4,4'-DDD	0.5	0.47	ug/L	94	4			77	131	20
	Endosulfan sulfate	0.5	0.44	ug/L	88	4			76	129	20
	4,4'-DDT	0.5	0.46	ug/L	92	2			80	133	20
	Methoxychlor	0.5	0.43	ug/L	87	3			78	108	20
	Endrin ketone	0.5	0.41	ug/L	82	7			80	131	20
	Endrin aldehyde	0.5	0.45	ug/L	89	1			82	127	20
	alpha-Chlordane	0.5	0.49	ug/L	98	2			82	125	20
	gamma-Chlordane	0.5	0.49	ug/L	99	2			82	125	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3495	Analytical Method:	8081B
Client:	Remington & Vernick Engineers	Datafile :	PD090952.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170348BS (Column 1)	alpha-BHC	0.5	0.52	ug/L	104				85	130	
	beta-BHC	0.5	0.50	ug/L	99				83	126	
	delta-BHC	0.5	0.51	ug/L	103				69	141	
	gamma-BHC (Lindane)	0.5	0.51	ug/L	103				82	129	
	Heptachlor	0.5	0.63	ug/L	126				79	127	
	Aldrin	0.5	0.51	ug/L	103				79	126	
	Heptachlor epoxide	0.5	0.50	ug/L	101				81	124	
	Endosulfan I	0.5	0.49	ug/L	98				85	122	
	Dieldrin	0.5	0.49	ug/L	98				83	125	
	4,4'-DDE	0.5	0.48	ug/L	96				80	127	
	Endrin	0.5	0.48	ug/L	97				81	128	
	Endosulfan II	0.5	0.48	ug/L	97				82	123	
	4,4'-DDD	0.5	0.50	ug/L	99				77	131	
	Endosulfan sulfate	0.5	0.46	ug/L	92				76	129	
	4,4'-DDT	0.5	0.48	ug/L	96				80	133	
	Methoxychlor	0.5	0.48	ug/L	96				78	108	
	Endrin ketone	0.5	0.46	ug/L	92				80	131	
	Endrin aldehyde	0.5	0.45	ug/L	90				82	127	
	alpha-Chlordane	0.5	0.49	ug/L	97				82	125	
	gamma-Chlordane	0.5	0.50	ug/L	100				82	125	
PB170348BS (Column 2)	alpha-BHC	0.5	0.51	ug/L	103				85	130	
	beta-BHC	0.5	0.50	ug/L	100				83	126	
	delta-BHC	0.5	0.51	ug/L	102				69	141	
	gamma-BHC (Lindane)	0.5	0.51	ug/L	102				82	129	
	Heptachlor	0.5	0.54	ug/L	107				79	127	
	Aldrin	0.5	0.51	ug/L	101				79	126	
	Heptachlor epoxide	0.5	0.50	ug/L	100				81	124	
	Endosulfan I	0.5	0.50	ug/L	101				85	122	
	Dieldrin	0.5	0.49	ug/L	99				83	125	
	4,4'-DDE	0.5	0.50	ug/L	99				80	127	
	Endrin	0.5	0.48	ug/L	96				81	128	
	Endosulfan II	0.5	0.47	ug/L	94				82	123	
	4,4'-DDD	0.5	0.49	ug/L	98				77	131	
	Endosulfan sulfate	0.5	0.46	ug/L	92				76	129	
	4,4'-DDT	0.5	0.47	ug/L	94				80	133	
	Methoxychlor	0.5	0.45	ug/L	90				78	108	
	Endrin ketone	0.5	0.44	ug/L	88				80	131	
	Endrin aldehyde	0.5	0.45	ug/L	90				82	127	
	alpha-Chlordane	0.5	0.50	ug/L	100				82	125	
	gamma-Chlordane	0.5	0.50	ug/L	101				82	125	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3495	Analytical Method:	8081B
Client:	Remington & Vernick Engineers	Datafile :	PL097705.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170340BS (Column 1)	alpha-BHC	16.65	17.0	ug/kg	102				84	123	
	beta-BHC	16.65	17.1	ug/kg	103				82	123	
	delta-BHC	16.65	17.4	ug/kg	105				83	126	
	gamma-BHC (Lindane)	16.65	17.0	ug/kg	102				83	125	
	Heptachlor	16.65	17.1	ug/kg	103				83	122	
	Aldrin	16.65	16.6	ug/kg	100				82	124	
	Heptachlor epoxide	16.65	16.0	ug/kg	96				83	120	
	Endosulfan I	16.65	16.1	ug/kg	97				81	124	
	Dieldrin	16.65	16.1	ug/kg	97				85	121	
	4,4'-DDE	16.65	16.8	ug/kg	101				81	123	
	Endrin	16.65	16.0	ug/kg	96				76	130	
	Endosulfan II	16.65	17.0	ug/kg	102				80	125	
	4,4'-DDD	16.65	18.0	ug/kg	108				80	131	
	Endosulfan sulfate	16.65	16.4	ug/kg	98				81	122	
	4,4'-DDT	16.65	16.3	ug/kg	98				70	129	
	Methoxychlor	16.65	15.2	ug/kg	91				60	119	
	Endrin ketone	16.65	16.8	ug/kg	101				77	132	
	Endrin aldehyde	16.65	16.3	ug/kg	98				79	124	
	alpha-Chlordane	16.65	16.2	ug/kg	97				84	120	
	gamma-Chlordane	16.65	16.5	ug/kg	99				83	122	
	alpha-BHC	16.65	16.9	ug/kg	102				84	123	
PB170340BS (Column 2)	beta-BHC	16.65	15.9	ug/kg	95				82	123	
	delta-BHC	16.65	16.7	ug/kg	100				83	126	
	gamma-BHC (Lindane)	16.65	16.9	ug/kg	102				83	125	
	Heptachlor	16.65	16.4	ug/kg	98				83	122	
	Aldrin	16.65	16.8	ug/kg	101				82	124	
	Heptachlor epoxide	16.65	16.3	ug/kg	98				83	120	
	Endosulfan I	16.65	15.8	ug/kg	95				81	124	
	Dieldrin	16.65	16.5	ug/kg	99				85	121	
	4,4'-DDE	16.65	16.3	ug/kg	98				81	123	
	Endrin	16.65	17.3	ug/kg	104				76	130	
	Endosulfan II	16.65	15.4	ug/kg	92				80	125	
	4,4'-DDD	16.65	16.1	ug/kg	97				80	131	
	Endosulfan sulfate	16.65	15.0	ug/kg	90				81	122	
	4,4'-DDT	16.65	14.9	ug/kg	89				70	129	
	Methoxychlor	16.65	14.2	ug/kg	85				60	119	
	Endrin ketone	16.65	16.1	ug/kg	97				77	132	
	Endrin aldehyde	16.65	14.2	ug/kg	85				79	124	
	alpha-Chlordane	16.65	16.1	ug/kg	97				84	120	
	gamma-Chlordane	16.65	16.0	ug/kg	96				83	122	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170340BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170340BL

Lab File ID: PL097704.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025

Date Analyzed (2): 10/31/2025

Time Analyzed (1): 13:06

Time Analyzed (2): 13:06

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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
PB170340BS	PB170340BS	PL097705.D	10/31/2025	10/31/2025
SB-1025-2	Q3495-02	PL097706.D	10/31/2025	10/31/2025
SB-1025-2MS	Q3495-02MS	PL097707.D	10/31/2025	10/31/2025
SB-1025-2MSD	Q3495-02MSD	PL097708.D	10/31/2025	10/31/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170348BL

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170348BL

Lab File ID: PD090927.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/31/2025

Date Analyzed (1): 10/31/2025

Date Analyzed (2): 10/31/2025

Time Analyzed (1): 14:37

Time Analyzed (2): 14:37

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
TW-1025-1	Q3495-03	PD090931.D	10/31/2025	10/31/2025
PB170348BSD	PB170348BSD	PD090950.D	11/04/2025	11/04/2025
PB170348BS	PB170348BS	PD090952.D	11/04/2025	11/04/2025

COMMENTS: _____



SAMPLE DATA



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/27/25
Project:	Maclearie Park		Date Received:	10/29/25
Client Sample ID:	SB-1025-2		SDG No.:	Q3495
Lab Sample ID:	Q3495-02		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	75.1
Sample Wt/Vol:	30.06 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.17	U	1	0.17	2.30	ug/kg	10/31/25 13:33	PB170340
319-85-7	beta-BHC	0.24	U	1	0.24	2.30	ug/kg	10/31/25 13:33	PB170340
319-86-8	delta-BHC	0.52	U	1	0.52	2.30	ug/kg	10/31/25 13:33	PB170340
58-89-9	gamma-BHC (Lindane)	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
76-44-8	Heptachlor	0.16	U	1	0.16	2.30	ug/kg	10/31/25 13:33	PB170340
309-00-2	Aldrin	0.16	U	1	0.16	2.30	ug/kg	10/31/25 13:33	PB170340
1024-57-3	Heptachlor epoxide	0.25	U	1	0.25	2.30	ug/kg	10/31/25 13:33	PB170340
959-98-8	Endosulfan I	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
60-57-1	Dieldrin	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
72-55-9	4,4-DDE	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
72-20-8	Endrin	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
33213-65-9	Endosulfan II	0.39	U	1	0.39	2.30	ug/kg	10/31/25 13:33	PB170340
72-54-8	4,4-DDD	0.20	U	1	0.20	2.30	ug/kg	10/31/25 13:33	PB170340
1031-07-8	Endosulfan Sulfate	0.17	U	1	0.17	2.30	ug/kg	10/31/25 13:33	PB170340
50-29-3	4,4-DDT	0.19	U	1	0.19	2.30	ug/kg	10/31/25 13:33	PB170340
72-43-5	Methoxychlor	0.49	U	1	0.49	2.30	ug/kg	10/31/25 13:33	PB170340
53494-70-5	Endrin ketone	0.25	U	1	0.25	2.30	ug/kg	10/31/25 13:33	PB170340
7421-93-4	Endrin aldehyde	0.49	U	1	0.49	2.30	ug/kg	10/31/25 13:33	PB170340
5103-71-9	alpha-Chlordane	0.16	U	1	0.16	2.30	ug/kg	10/31/25 13:33	PB170340
5103-74-2	gamma-Chlordane	0.20	U	1	0.20	2.30	ug/kg	10/31/25 13:33	PB170340
8001-35-2	Toxaphene	7.20	U	1	7.20	43.9	ug/kg	10/31/25 13:33	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.1			20 - 144	81%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.7			19 - 148	99%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 13:33
 Operator : AR\AJ
 Sample : Q3495-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-1025-2

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:54:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.522	2.821	80750731	113.5E6	19.734m	18.859
28) SA Decachlor...	9.002	7.984	47978033	76489819	16.126	14.311

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:33
Operator : AR\AJ
Sample : Q3495-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

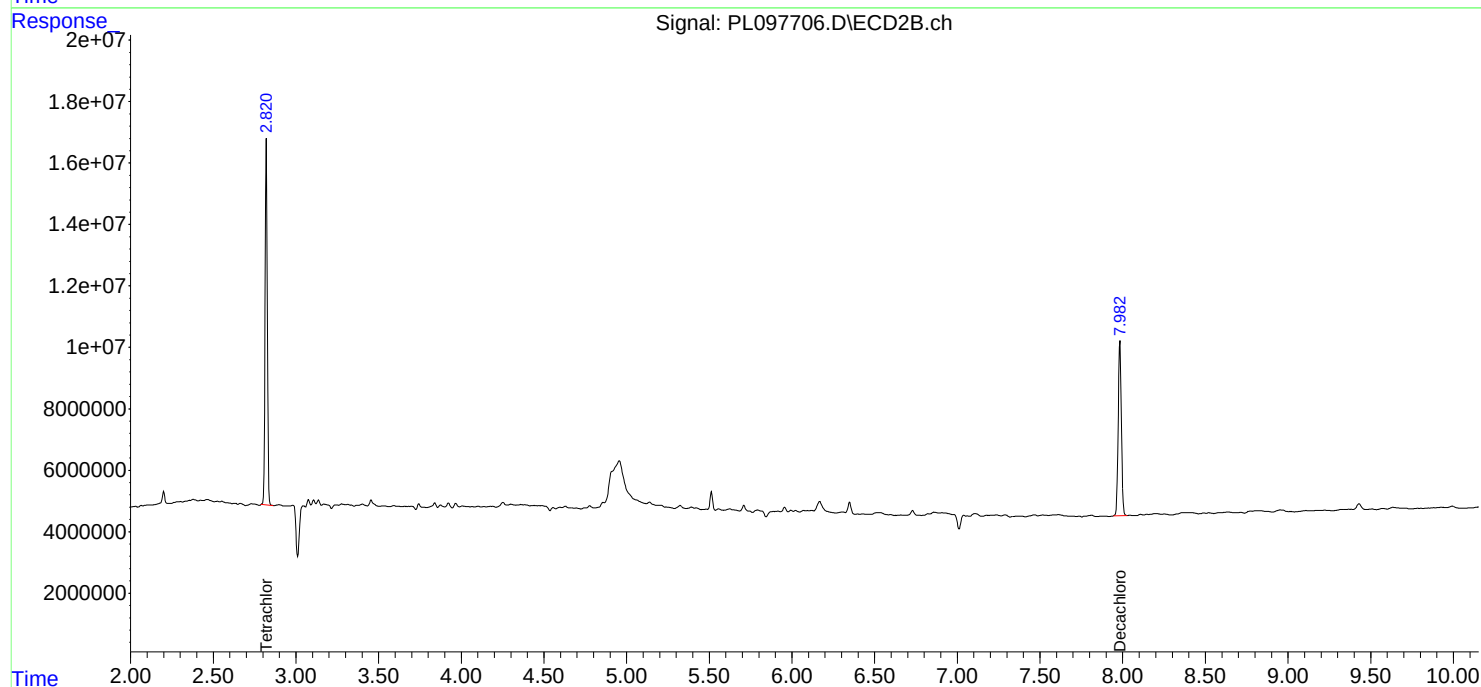
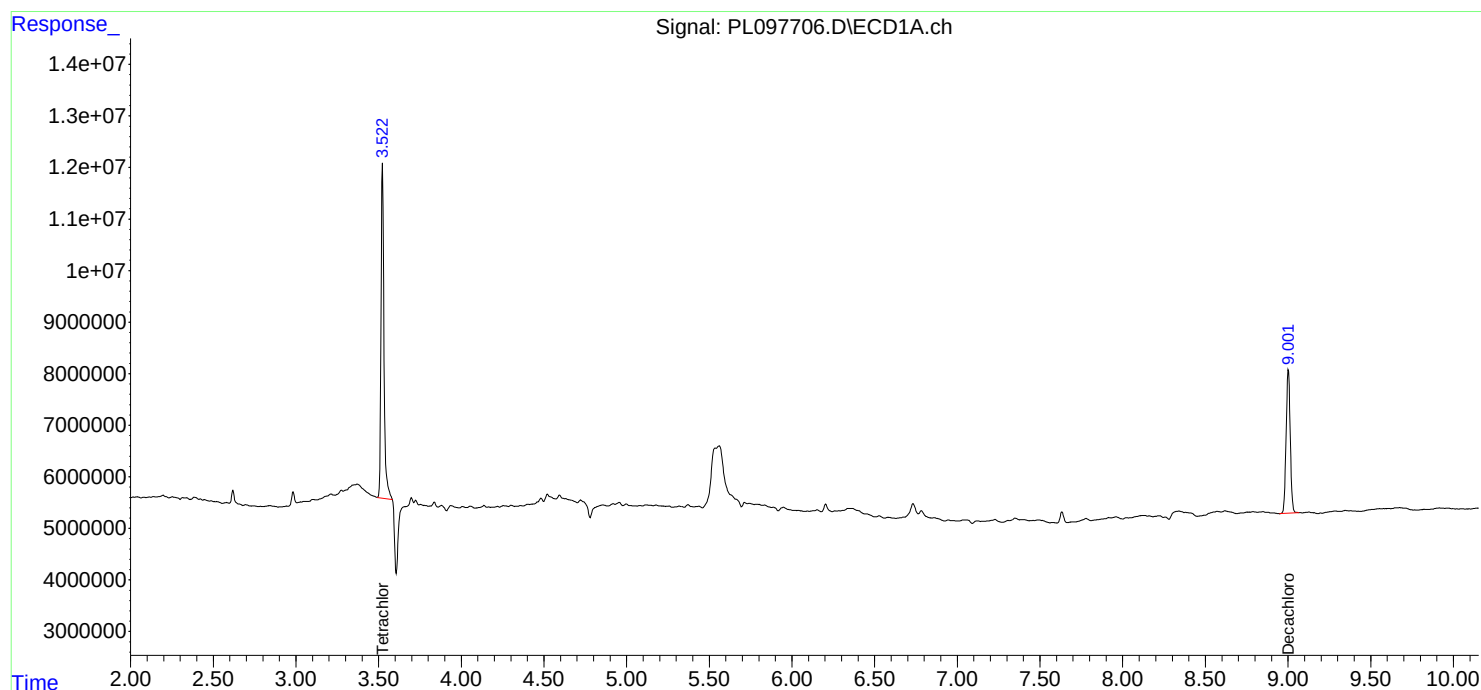
Instrument :
ECD_L
ClientSampleId :
SB-1025-2

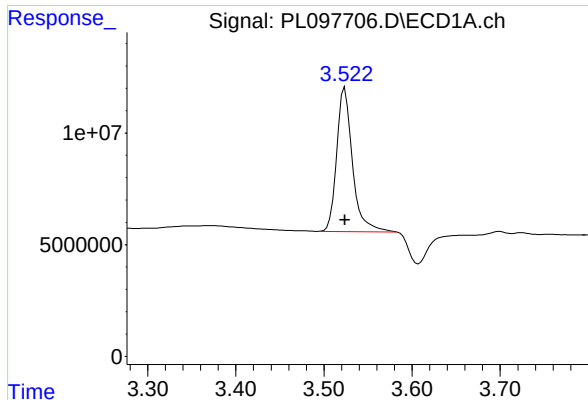
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm





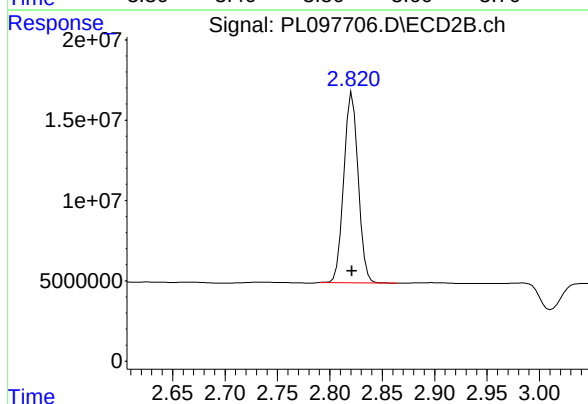
#1 Tetrachloro-m-xylene

R.T.: 3.522 min
Delta R.T.: -0.002 min
Response: 80750731
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-1025-2

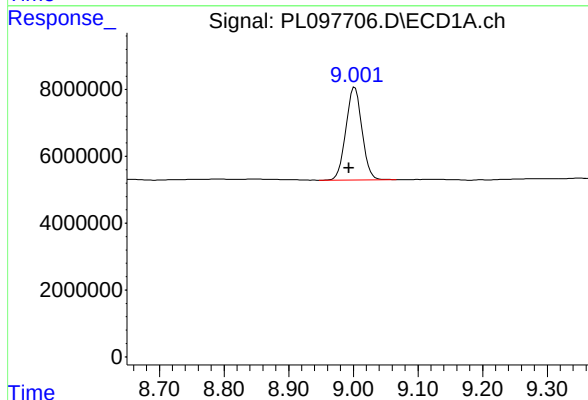
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025



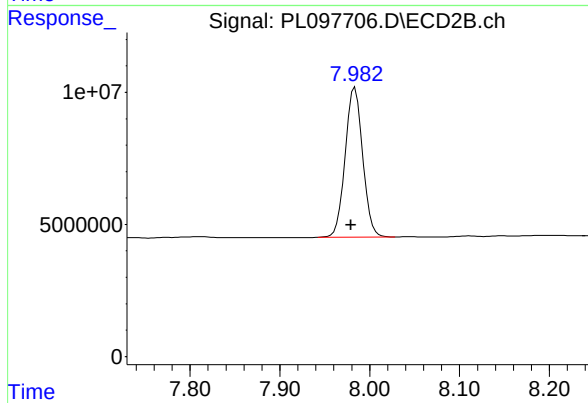
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: 0.000 min
Response: 113511316
Conc: 18.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: 0.009 min
Response: 47978033
Conc: 16.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.005 min
Response: 76489819
Conc: 14.31 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/27/25
Project:	Maclearie Park		Date Received:	10/29/25
Client Sample ID:	TW-1025-1		SDG No.:	Q3495
Lab Sample ID:	Q3495-03		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	980 mL	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.0040	U	1	0.0040	0.051	ug/L	10/31/25 15:34	PB170348
319-85-7	beta-BHC	0.0050	U	1	0.0050	0.051	ug/L	10/31/25 15:34	PB170348
319-86-8	delta-BHC	0.011	U	1	0.011	0.051	ug/L	10/31/25 15:34	PB170348
58-89-9	gamma-BHC (Lindane)	0.0038	U	1	0.0038	0.051	ug/L	10/31/25 15:34	PB170348
76-44-8	Heptachlor	0.0028	U	1	0.0028	0.051	ug/L	10/31/25 15:34	PB170348
309-00-2	Aldrin	0.0037	U	1	0.0037	0.051	ug/L	10/31/25 15:34	PB170348
1024-57-3	Heptachlor epoxide	0.0098	U	1	0.0098	0.051	ug/L	10/31/25 15:34	PB170348
959-98-8	Endosulfan I	0.0032	U	1	0.0032	0.051	ug/L	10/31/25 15:34	PB170348
60-57-1	Dieldrin	0.0037	U	1	0.0037	0.051	ug/L	10/31/25 15:34	PB170348
72-55-9	4,4-DDE	0.0038	U	1	0.0038	0.051	ug/L	10/31/25 15:34	PB170348
72-20-8	Endrin	0.0033	U	1	0.0033	0.051	ug/L	10/31/25 15:34	PB170348
33213-65-9	Endosulfan II	0.0081	U	1	0.0081	0.051	ug/L	10/31/25 15:34	PB170348
72-54-8	4,4-DDD	0.0072	U	1	0.0072	0.051	ug/L	10/31/25 15:34	PB170348
1031-07-8	Endosulfan Sulfate	0.0038	U	1	0.0038	0.051	ug/L	10/31/25 15:34	PB170348
50-29-3	4,4-DDT	0.0036	U	1	0.0036	0.051	ug/L	10/31/25 15:34	PB170348
72-43-5	Methoxychlor	0.011	U	1	0.011	0.051	ug/L	10/31/25 15:34	PB170348
53494-70-5	Endrin ketone	0.0095	U	1	0.0095	0.051	ug/L	10/31/25 15:34	PB170348
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.051	ug/L	10/31/25 15:34	PB170348
5103-71-9	alpha-Chlordane	0.0036	U	1	0.0036	0.051	ug/L	10/31/25 15:34	PB170348
5103-74-2	gamma-Chlordane	0.0040	U	1	0.0040	0.051	ug/L	10/31/25 15:34	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25 15:34	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.8			57 - 171	84%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.9			61 - 148	100%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090931.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 15:34
 Operator : AR\AJ
 Sample : Q3495-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TW-1025-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:54:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.543	2.874	51572972	592.4E6	16.561m	19.896
28) SA Decachlor...	9.070	8.061	62821856	509.8E6	13.429	16.829 #

Target Compounds

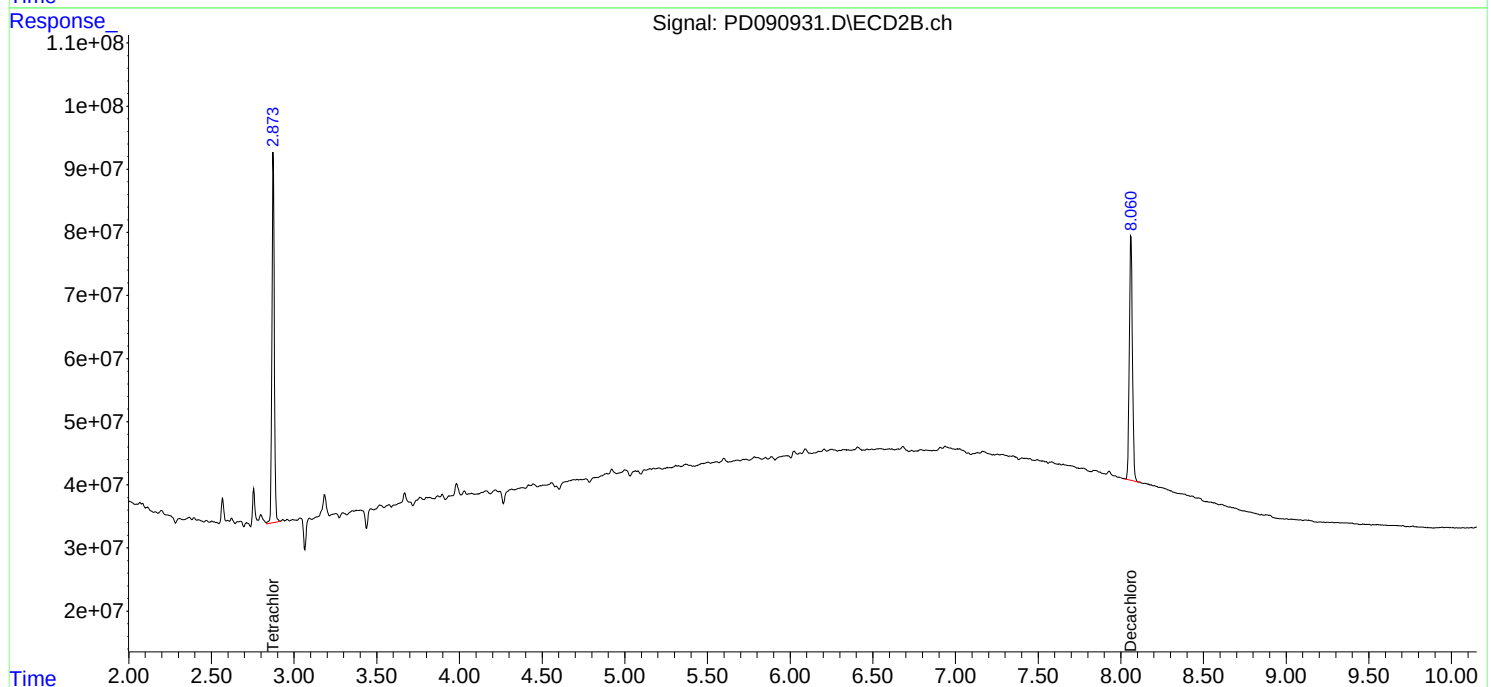
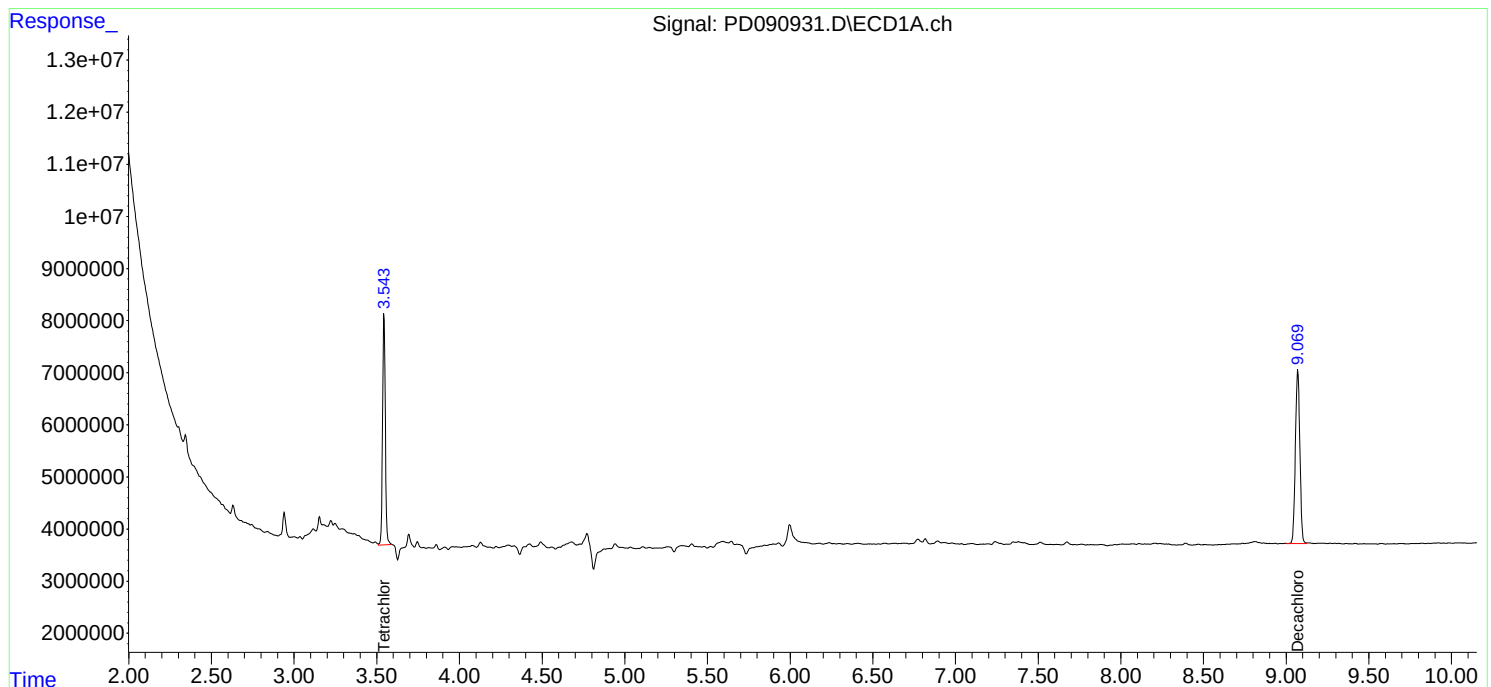
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

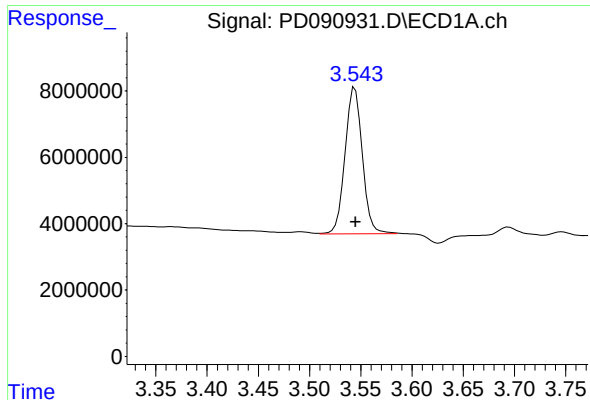
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 15:34
Operator : AR\AJ
Sample : Q3495-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TW-1025-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

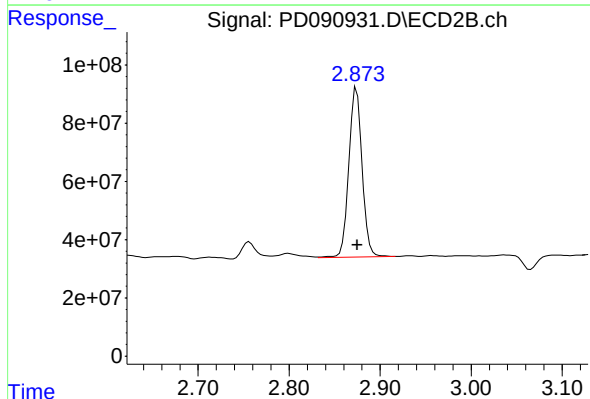




#1 Tetrachloro-m-xylene

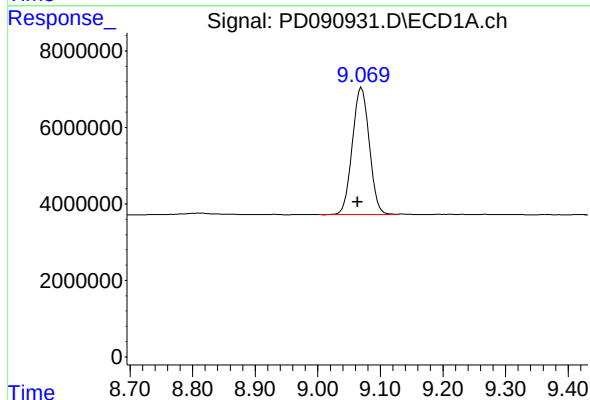
R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 51572972
Conc: 16.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
TW-1025-1



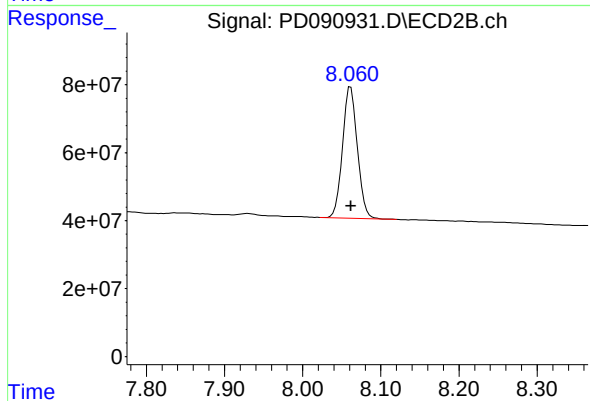
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 592433104
Conc: 19.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.006 min
Response: 62821856
Conc: 13.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 509774537
Conc: 16.83 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3495</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

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

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
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	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.26	5.27	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	9.07	9.07	9.06	9.07	9.07	9.07	8.97	9.17
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	7.15	7.15	7.15	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	7.63	7.63	7.63	7.63	7.62	7.62	7.52	7.72
gamma-BHC (Lindane)	4.32	4.33	4.33	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	5.69	5.69	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.54	3.55	3.55	3.54	3.54	3.54	3.44	3.64

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3495</u>
Instrument ID:	<u>ECD_D</u>	Calibration Date(s):	<u>10/17/2025</u> <u>10/17/2025</u>
		Calibration Times:	<u>11:34</u> <u>12:28</u>

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

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

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.17	6.18	6.17	6.17	6.18	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	4.26	4.26	4.26	4.26	4.26	4.26	4.16	4.36
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	5.12	5.12	5.12	5.12	5.12	5.12	5.02	5.22
Heptachlor	4.08	4.08	4.08	4.07	4.08	4.07	3.97	4.17
Heptachlor epoxide	4.86	4.87	4.86	4.86	4.86	4.86	4.76	4.96
Methoxychlor	6.75	6.75	6.75	6.74	6.75	6.74	6.64	6.84
Tetrachloro-m-xylene	2.87	2.88	2.88	2.87	2.87	2.87	2.77	2.97



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02
SDG NO.: Q3495

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4150980000	4075270000	4055470000	3840760000	4148570000	4054210000	3
4,4'-DDE	5435610000	5370750000	5317610000	5053060000	5456160000	5326640000	3
4,4'-DDT	4256810000	4152600000	4117930000	3927880000	4097130000	4110470000	3
Aldrin	6694230000	6562230000	6516940000	6238140000	6724820000	6547270000	3
alpha-BHC	7752530000	7402380000	7252210000	6743070000	6735520000	7177140000	6
alpha-Chlordane	5966070000	5905470000	5938650000	6170460000	6920630000	6180250000	7
beta-BHC	2515210000	2489310000	2540370000	2560620000	2992650000	2619630000	8
Decachlorobiphenyl	4361180000	4315270000	4506230000	4707060000	5500070000	4677960000	10
delta-BHC	7169260000	6905720000	6771510000	6342450000	6619680000	6761720000	5
Dieldrin	5929890000	5841940000	5818180000	5550330000	6016400000	5831350000	3
Endosulfan I	5452270000	5404490000	5449050000	5348660000	6028770000	5536650000	5
Endosulfan II	4873230000	4835950000	4885080000	4789750000	5615800000	4999960000	7
Endosulfan sulfate	4557060000	4504850000	4556170000	4479960000	5092920000	4638190000	6
Endrin	5035940000	4962910000	4938250000	4711180000	5120260000	4953710000	3
Endrin aldehyde	3505880000	3507960000	3571680000	3579710000	4148280000	3662700000	7
Endrin ketone	4819770000	4736510000	4782320000	4695250000	5260400000	4858850000	5
gamma-BHC (Lindane)	7185880000	6905860000	6799650000	6417980000	6684750000	6798820000	4
gamma-Chlordane	5972450000	5894040000	5855640000	5592670000	6341090000	5931180000	5
Heptachlor	5757910000	5597510000	5545540000	5288860000	5757970000	5589560000	3
Heptachlor epoxide	5795570000	5708170000	5718680000	5584980000	6137920000	5789060000	4
Methoxychlor	2050060000	2015340000	2078640000	2094570000	2389310000	2125590000	7
Tetrachloro-m-xylene	3010860000	2951180000	3030100000	3124300000	3454390000	3114160000	6



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02
SDG NO.: Q3495

Calibration Date(s): 10/17/2025 10/17/2025
Calibration Times: 11:34 12:28

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

LAB FILE ID:		CF 100 =	<u>PD090650.D</u>	CF 075 =	<u>PD090651.D</u>		
CF 050 =		<u>PD090652.D</u>	CF 025 =	<u>PD090653.D</u>	CF 005 =	<u>PD090654.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	33708900000	34309400000	35560900000	36237500000	42373300000	36438000000	10
4,4'-DDE	40500800000	41191000000	42548600000	43577200000	51373700000	43838300000	10
4,4'-DDT	33888000000	33982600000	34868200000	34959100000	37667600000	35073100000	4
Aldrin	43083800000	43574800000	45033800000	46172400000	53729700000	46318900000	9
alpha-BHC	49118000000	48392000000	49683700000	50500300000	57784900000	51095800000	7
alpha-Chlordane	40004000000	40550200000	41893000000	42708900000	50532500000	43137700000	10
beta-BHC	18296700000	18365500000	19080800000	19804100000	23600800000	19829500000	11
Decachlorobiphenyl	28856800000	28247200000	29308000000	30057200000	34987600000	30291400000	9
delta-BHC	45324900000	45220200000	46466400000	47155800000	54416000000	47716700000	8
Dieldrin	40601100000	41425500000	43096200000	44203200000	51593900000	44184000000	10
Endosulfan I	35728600000	36586400000	38185700000	39478600000	46972400000	39390300000	11
Endosulfan II	34269700000	34968100000	36432200000	37520200000	44587200000	37555500000	11
Endosulfan sulfate	32963400000	33538900000	34960800000	35861000000	41900900000	35845000000	10
Endrin	36902000000	37827400000	39400900000	40693000000	47646500000	40494000000	11
Endrin aldehyde	25110900000	25739400000	26893100000	27767400000	32953200000	27692800000	11
Endrin ketone	34460000000	35020500000	36550700000	37816700000	44740900000	37717800000	11
gamma-BHC (Lindane)	44964800000	44604900000	45972800000	46808300000	53893500000	47248900000	8
gamma-Chlordane	41920800000	42422300000	43748100000	44346600000	52306700000	44948900000	9
Heptachlor	41272300000	41810600000	43239300000	44502900000	52189000000	44602800000	10
Heptachlor epoxide	38203400000	38891500000	40672900000	42374400000	53052500000	42639000000	14
Methoxychlor	16116900000	16316400000	17198900000	17735100000	19771700000	17427800000	8
Tetrachloro-m-xylene	27903400000	27689100000	28617400000	29726500000	34949400000	29777100000	10



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.24	6.14	6.34	32564400
		2	6.44	6.34	6.54	48621800
		3	7.14	7.04	7.24	85710600
		4	7.56	7.46	7.66	95737400
		5	7.92	7.82	8.02	60480500



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
Instrument ID: ECD_D **Date(s) Analyzed:** 10/17/2025 10/17/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.47	5.37	5.57	263702000
		2	5.64	5.54	5.74	176560000
		3	6.75	6.65	6.85	658883000
		4	7.19	7.09	7.29	495104000
		5	7.32	7.22	7.42	246033000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 11:34
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:33:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

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

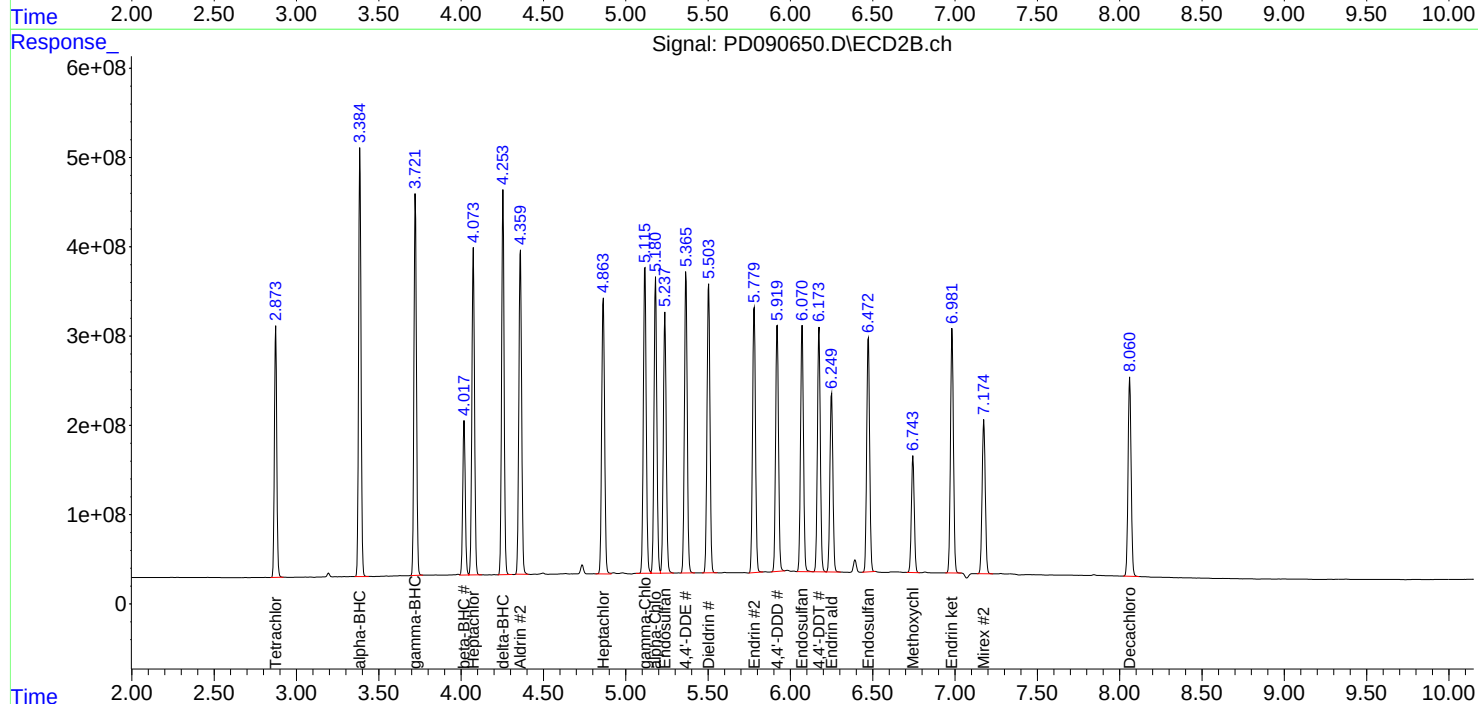
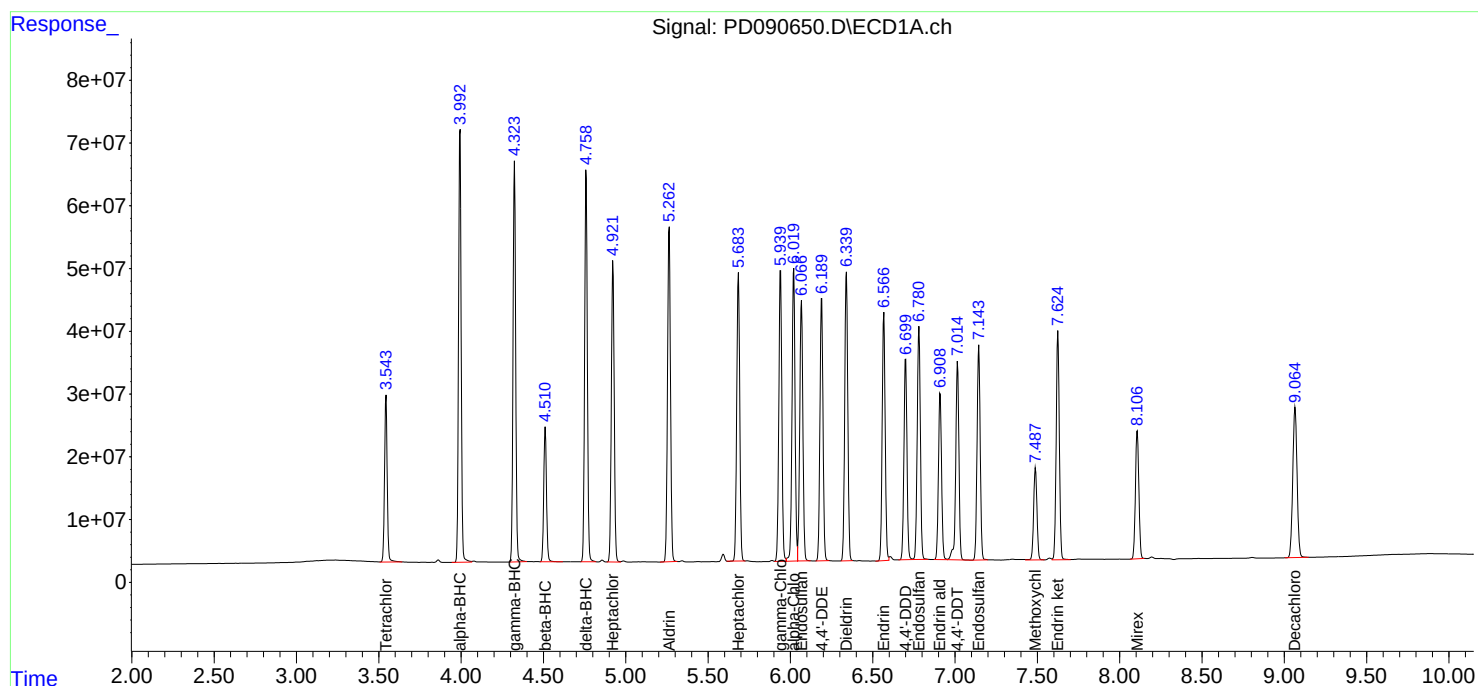
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 11:34
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:33:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC075

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

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

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

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

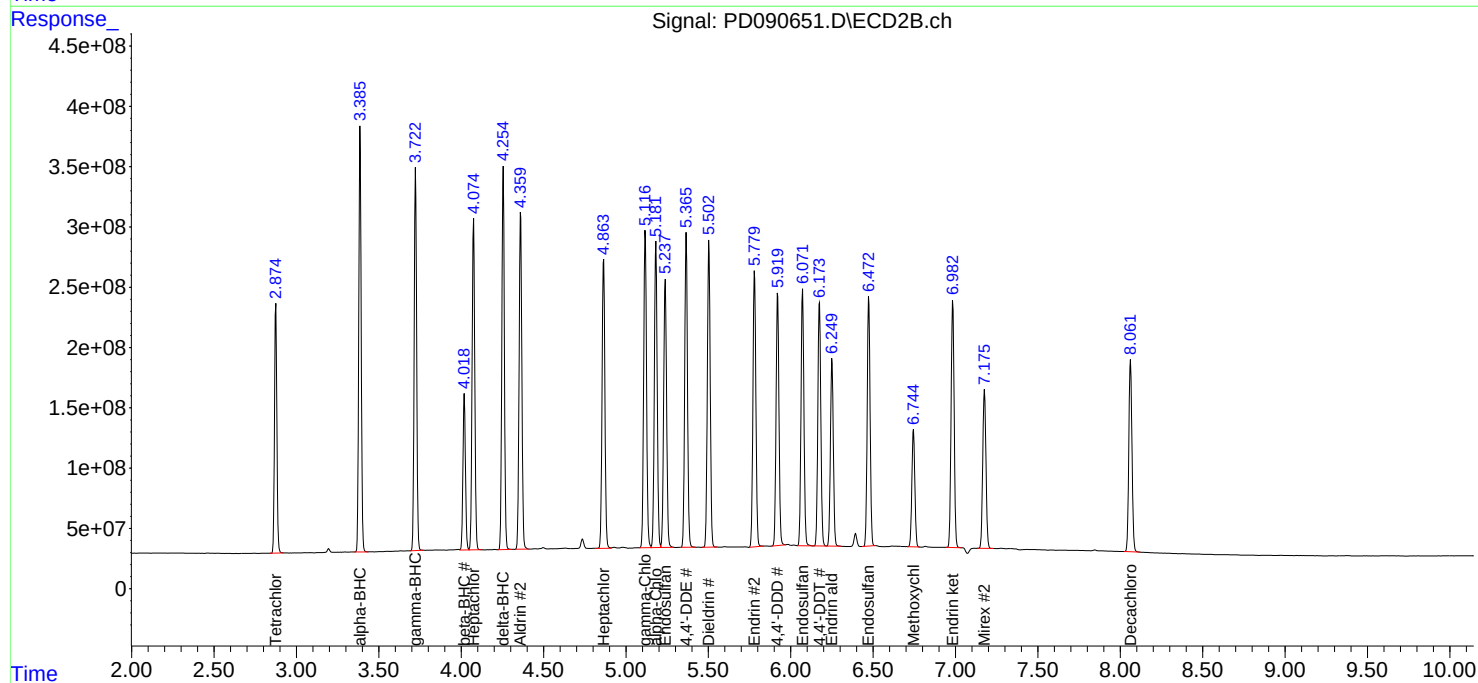
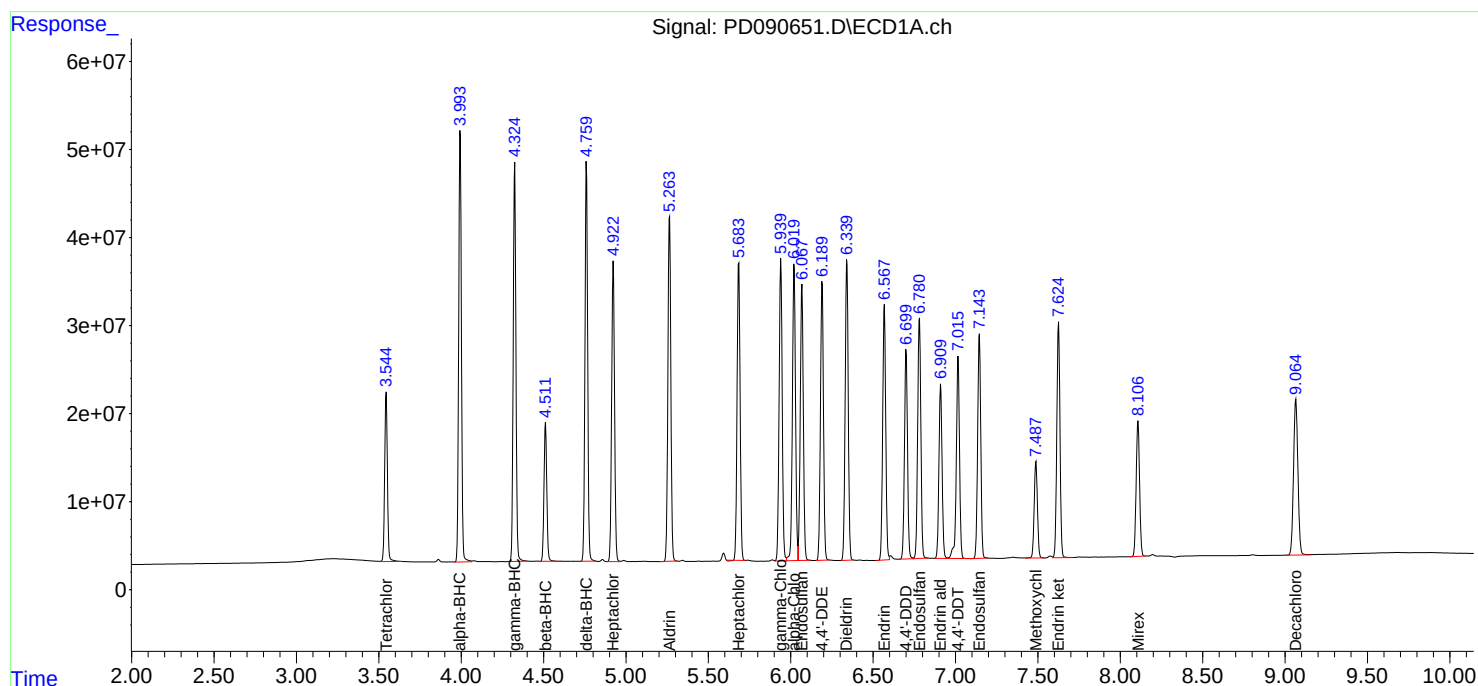
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

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

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090652.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:01
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:30:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	151.5E6	1430.9E6	50.000	50.000
28)	SA Decachlor...	9.064	8.062	225.3E6	1465.4E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.994	3.387	362.6E6	2484.2E6	50.000	50.000
3)	MA gamma-BHC...	4.325	3.723	340.0E6	2298.6E6	50.000	50.000
4)	MA Heptachlor	4.923	4.075	277.3E6	2162.0E6	50.000	50.000
5)	MB Aldrin	5.264	4.361	325.8E6	2251.7E6	50.000	50.000
6)	B beta-BHC	4.512	4.019	127.0E6	954.0E6	50.000	50.000
7)	B delta-BHC	4.760	4.255	338.6E6	2323.3E6	50.000	50.000
8)	B Heptachlo...	5.684	4.864	285.9E6	2033.6E6	50.000	50.000
9)	A Endosulfan I	6.068	5.238	272.5E6	1909.3E6	50.000	50.000
10)	B gamma-Chl...	5.940	5.117	292.8E6	2187.4E6	50.000	50.000
11)	B alpha-Chl...	6.021	5.181	296.9E6	2094.7E6	50.000	50.000
12)	B 4,4'-DDE	6.190	5.366	265.9E6	2127.4E6	50.000	50.000
13)	MA Dieldrin	6.340	5.504	290.9E6	2154.8E6	50.000	50.000
14)	MA Endrin	6.568	5.781	246.9E6	1970.0E6	50.000	50.000
15)	B Endosulfa...	6.781	6.072	244.3E6	1821.6E6	50.000	50.000
16)	A 4,4'-DDD	6.700	5.921	202.8E6	1778.0E6	50.000	50.000
17)	MA 4,4'-DDT	7.015	6.174	205.9E6	1743.4E6	50.000	50.000
18)	B Endrin al...	6.910	6.250	178.6E6	1344.7E6	50.000	50.000
19)	B Endosulfa...	7.145	6.474	227.8E6	1748.0E6	50.000	50.000
20)	A Methoxychlor	7.488	6.745	103.9E6	859.9E6	50.000	50.000
21)	B Endrin ke...	7.625	6.983	239.1E6	1827.5E6	50.000	50.000
22)	Mirex	8.107	7.175	154.6E6	1232.0E6	50.000	50.000

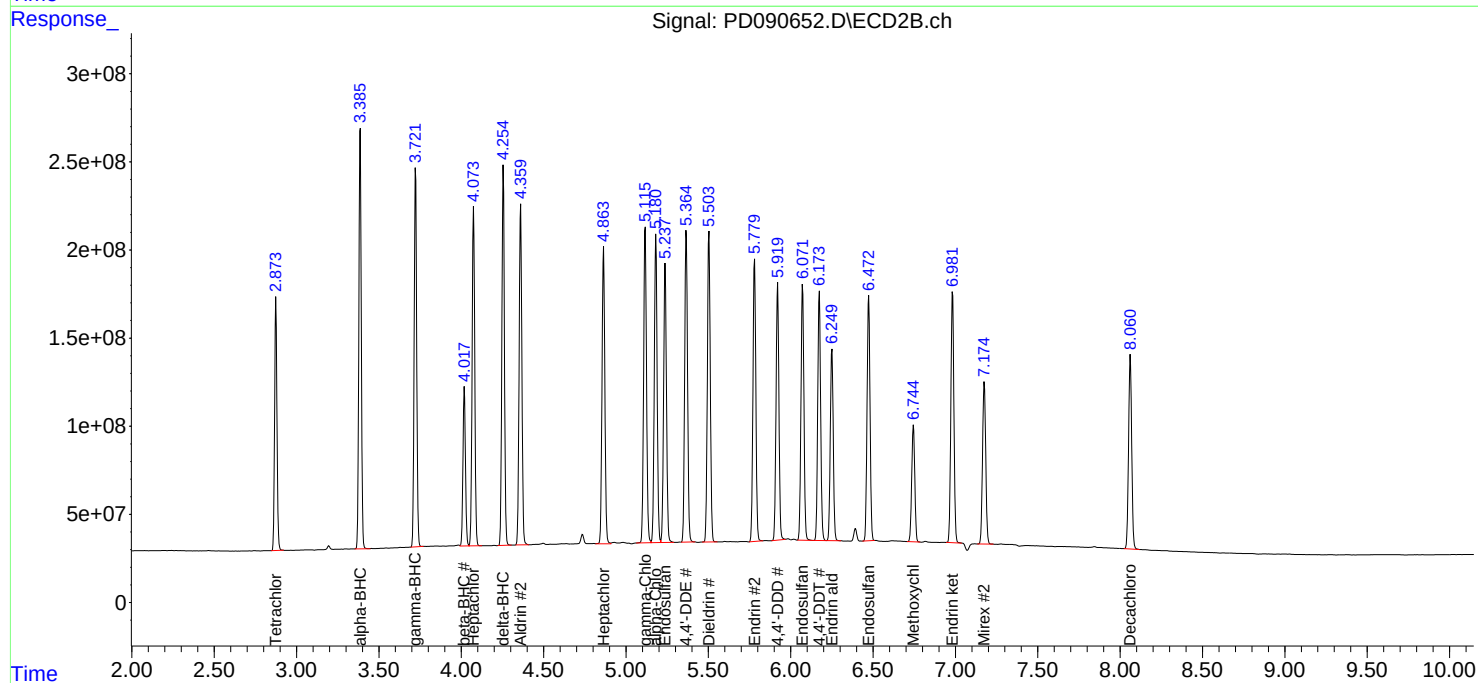
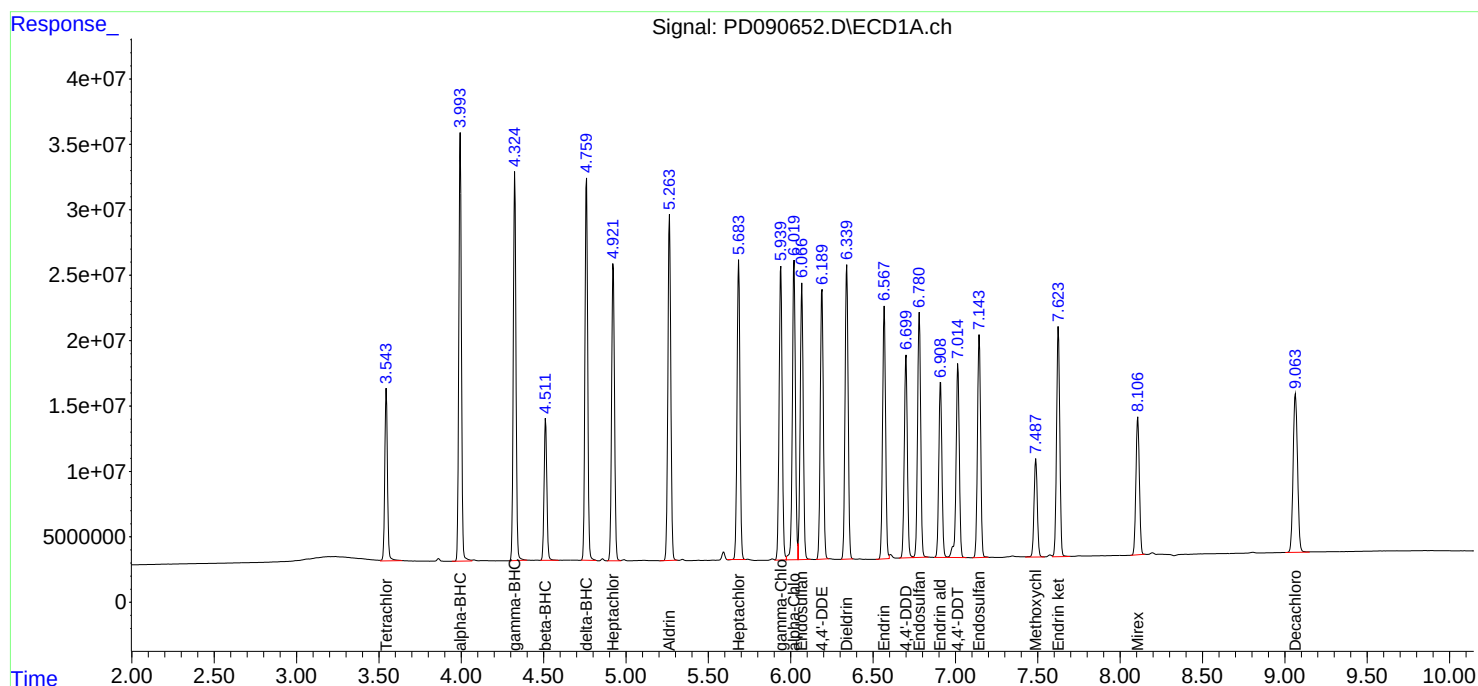
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090652.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:01
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:30:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 12:15
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:38:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:29:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

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

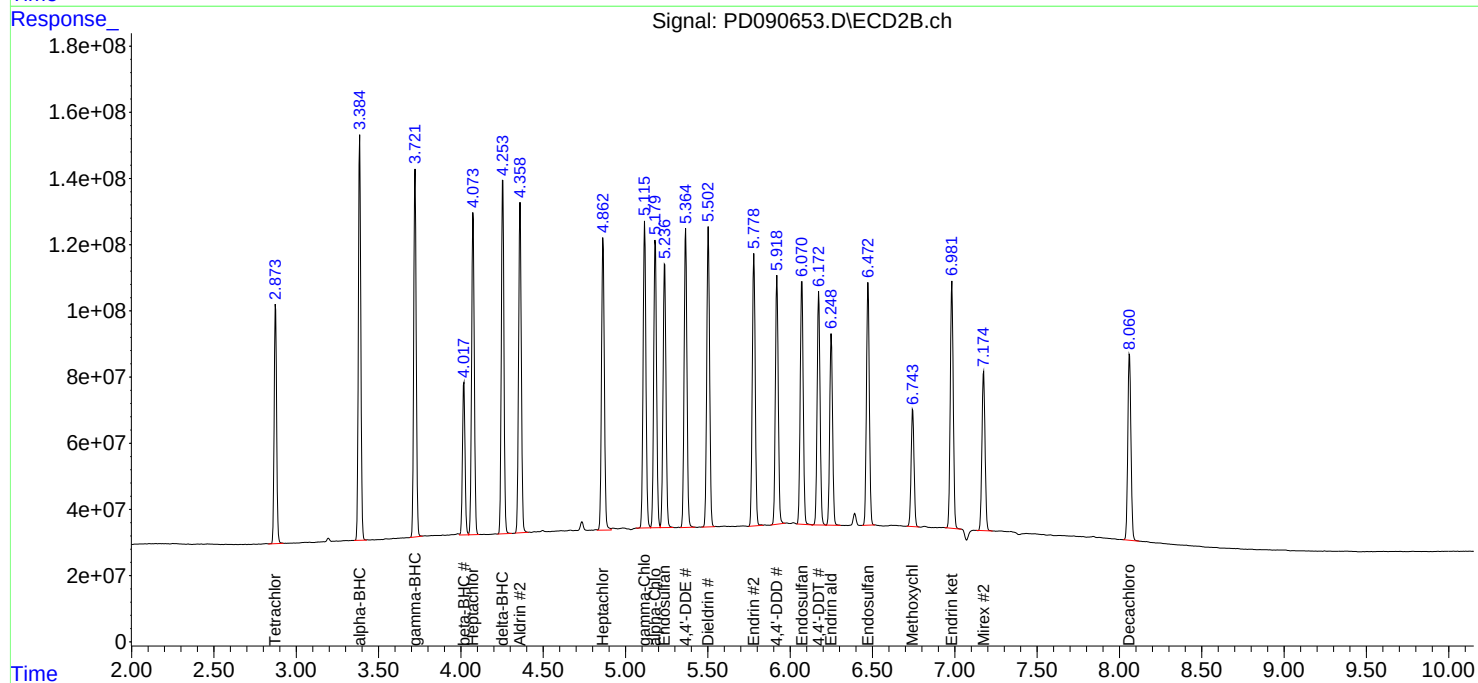
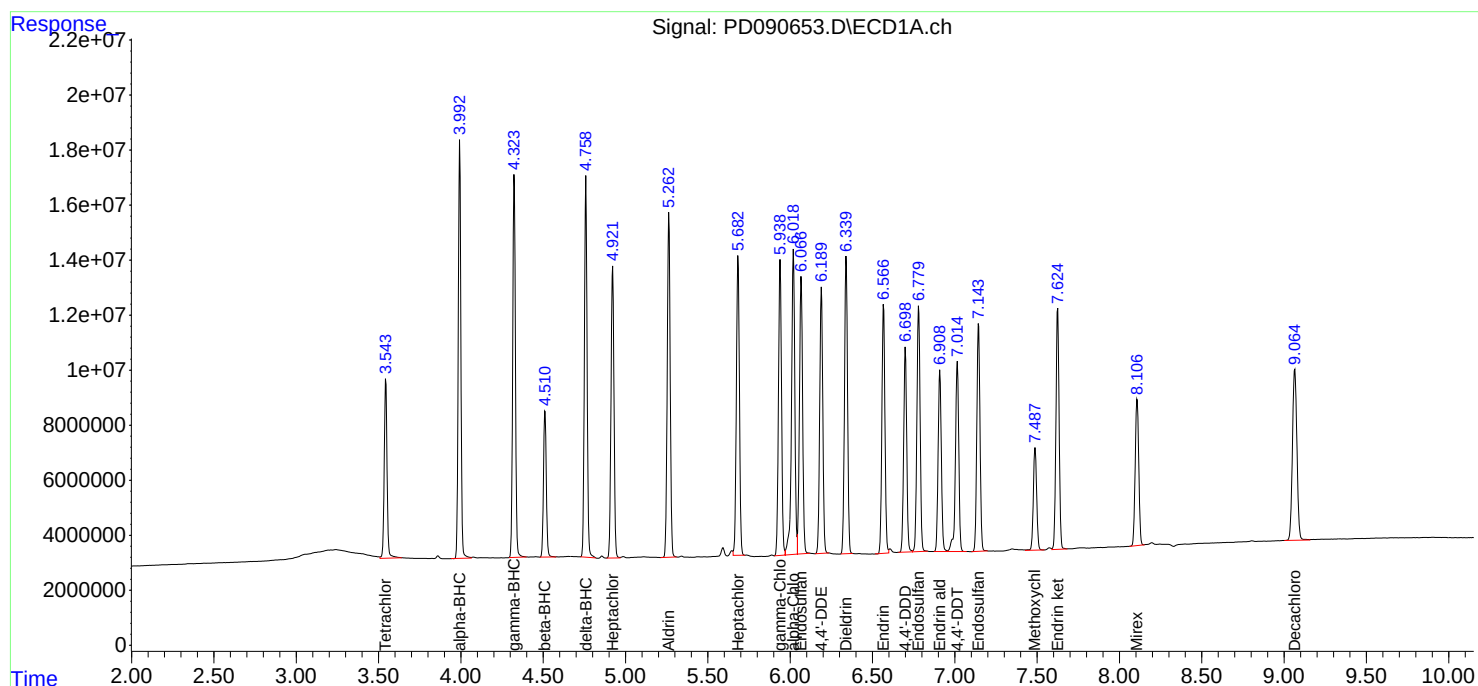
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 12:15
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:38:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:29:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

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

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

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

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

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

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

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

Instrument :

ECD_D

ClientSampleId :

PSTDICC005

Manual Integrations

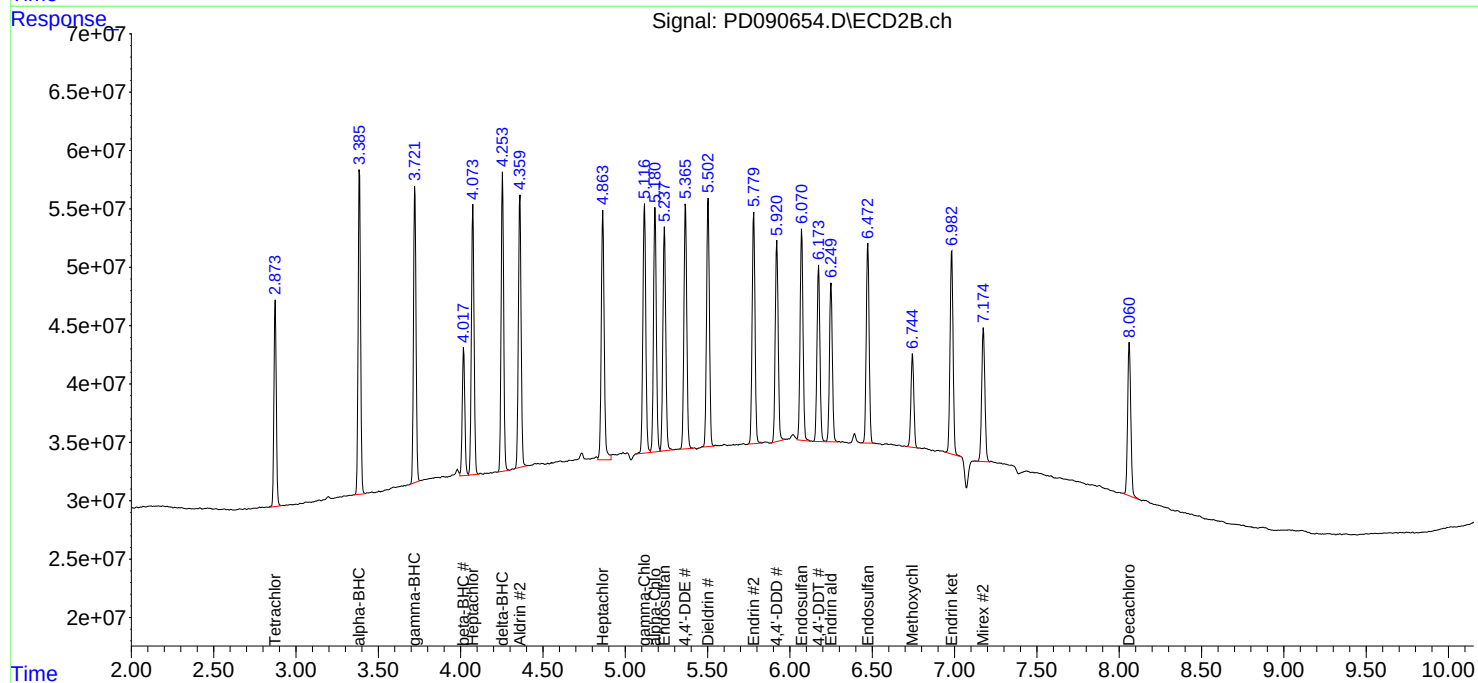
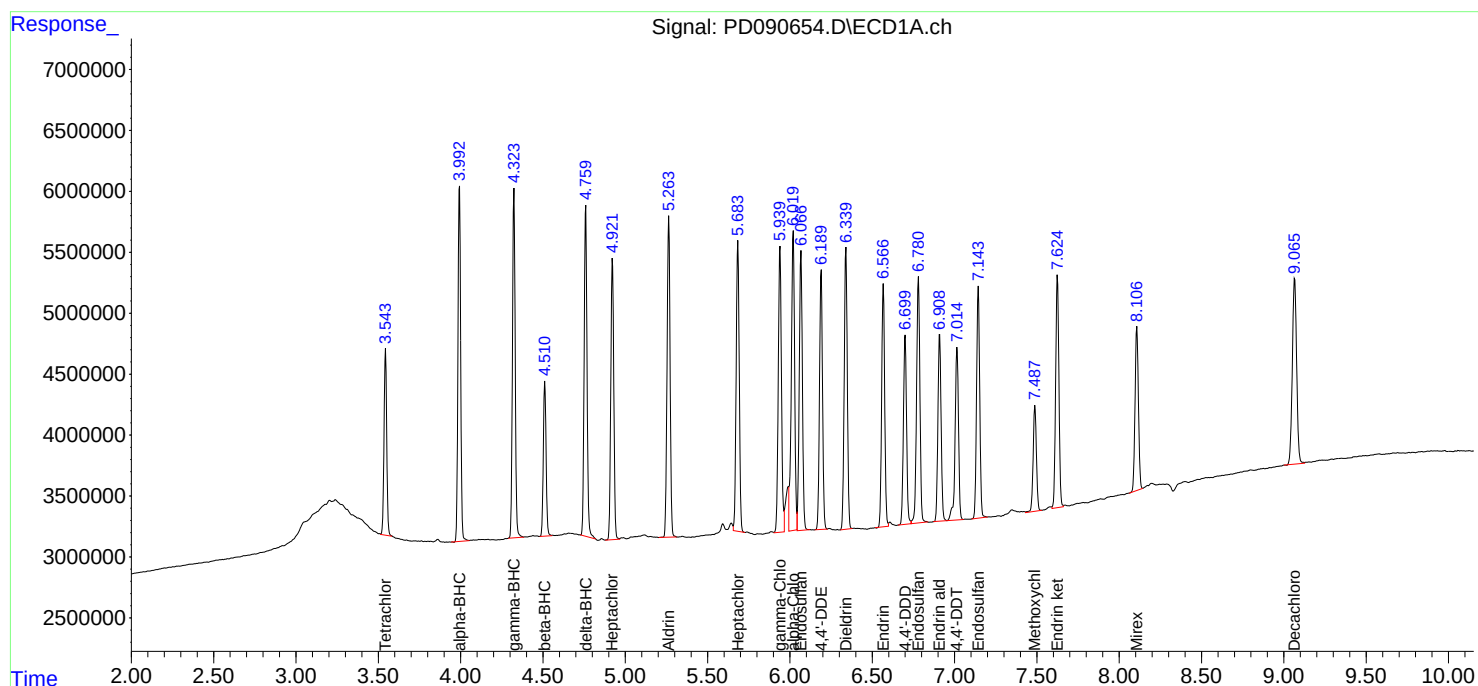
APPROVED

Reviewed By :Abdul Mirza 10/19/2025

Supervised By :mohammad ahmed 10/24/2025

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

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 13:09
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 13:49:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 13:48:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.874	108.8E6	1215.0E6	50.000	50.000
28)	SA Decachlor...	9.066	8.062	167.8E6	1105.6E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.708	3.898	92608674	605.2E6	500.000	500.000
24)	Chlordane-2	5.235	4.479	92865500	631.9E6	500.000	500.000
25)	Chlordane-3	5.941	5.117	379.1E6	1885.9E6	500.000	500.000
26)	Chlordane-4	6.026	5.181	458.8E6	1625.9E6	500.000	500.000
27)	Chlordane-5	6.865	6.081	74238996	730.3E6	500.000	500.000

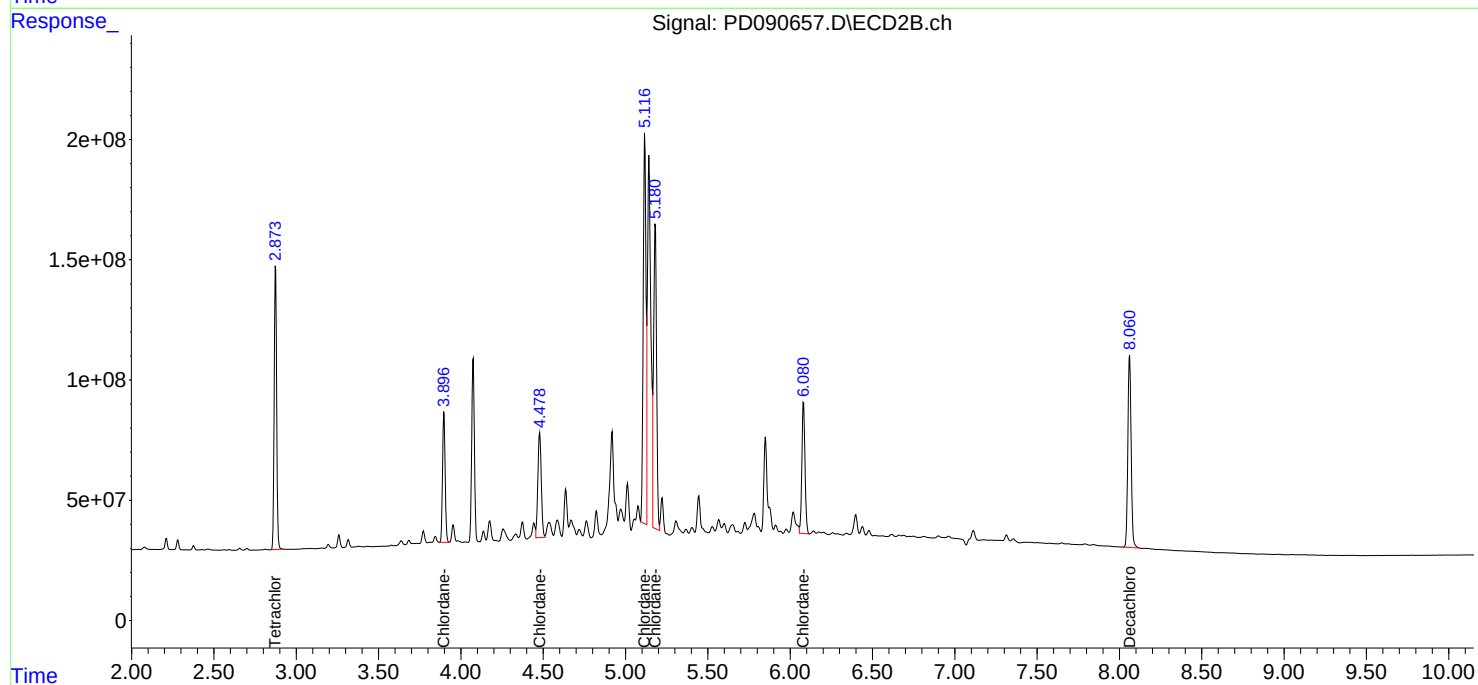
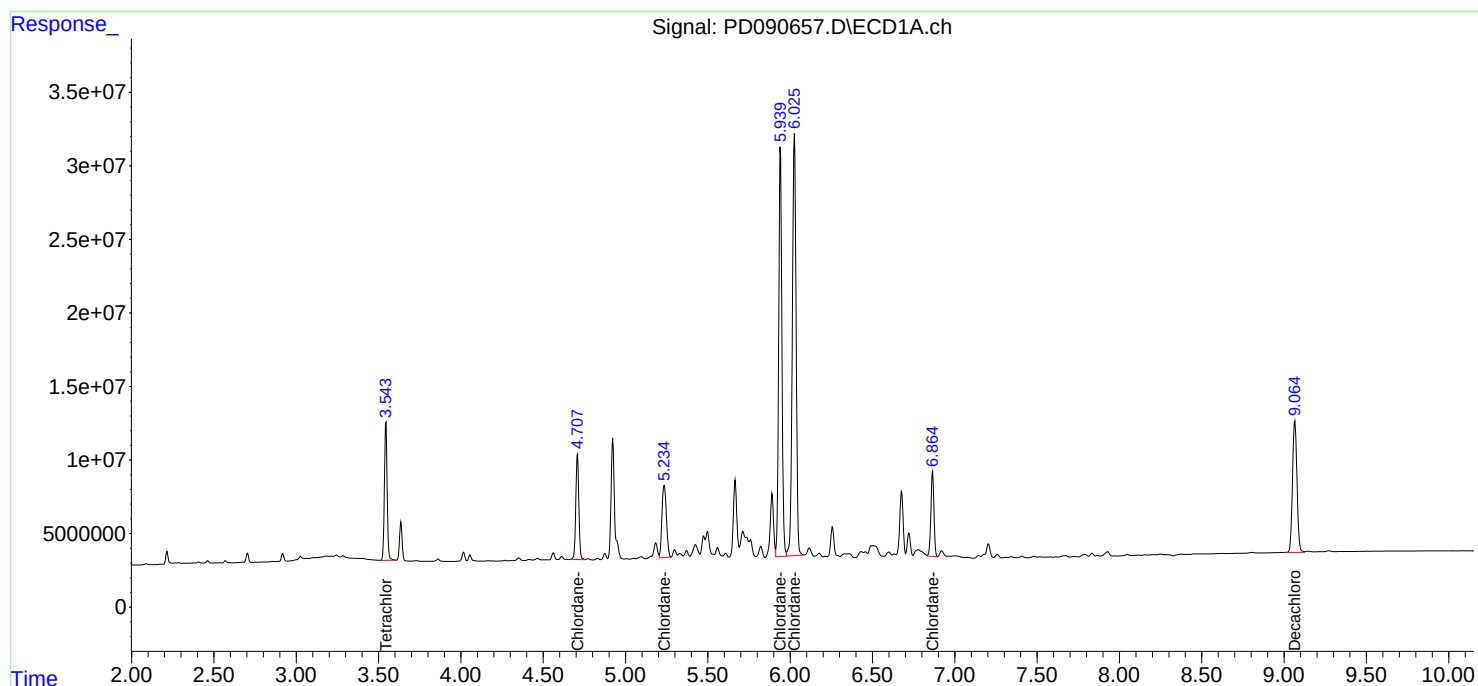
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 13:09
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 13:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 13:48:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 14:17
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:36:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:35:49 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

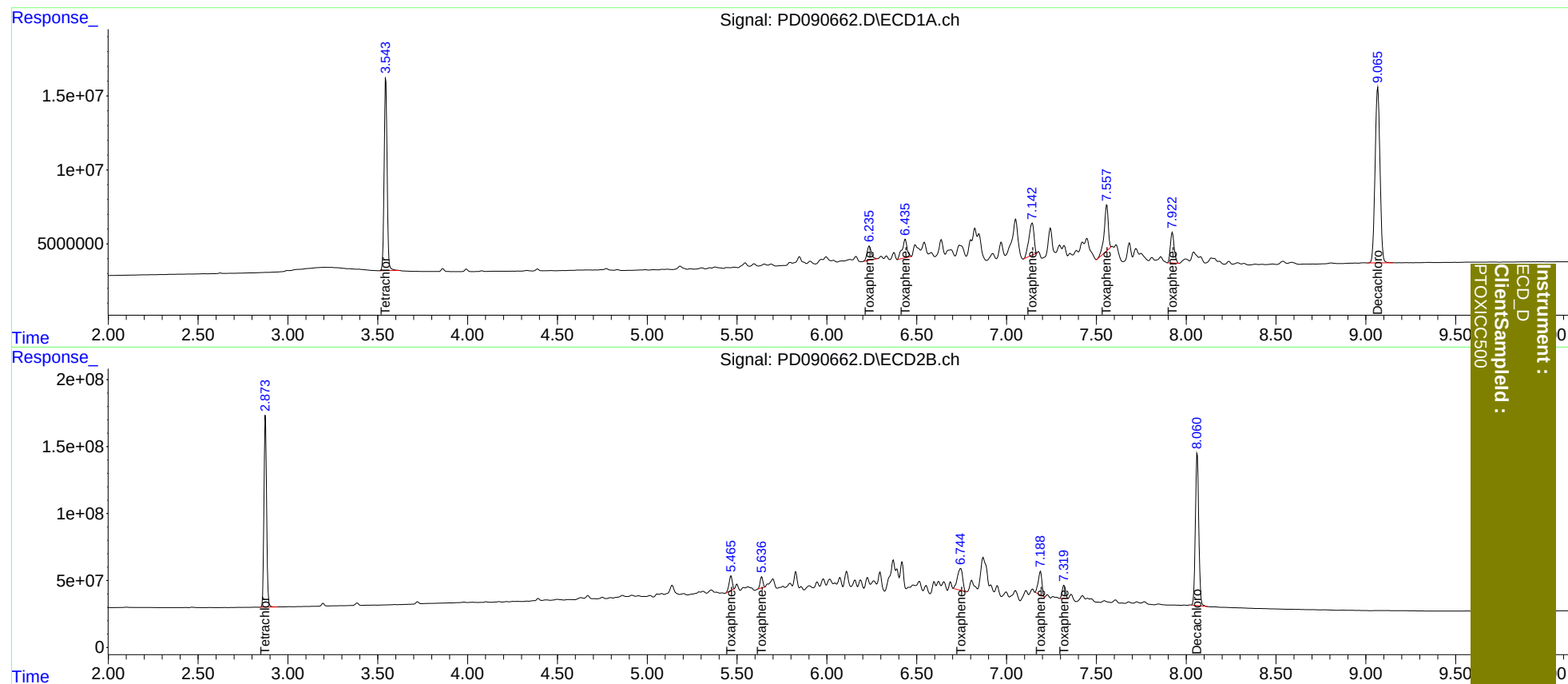
System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.875	149.0E6	1451.5E6	50.000	50.000
7) SA Decachlor...	9.066	8.062	225.6E6	1489.1E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.236	5.466	16282219	131.9E6	500.000	500.000
3) Toxaphene-2	6.436	5.638	24310877	88280081	500.000	500.000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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090662.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 14:17
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:36:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:35:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 17:27:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

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

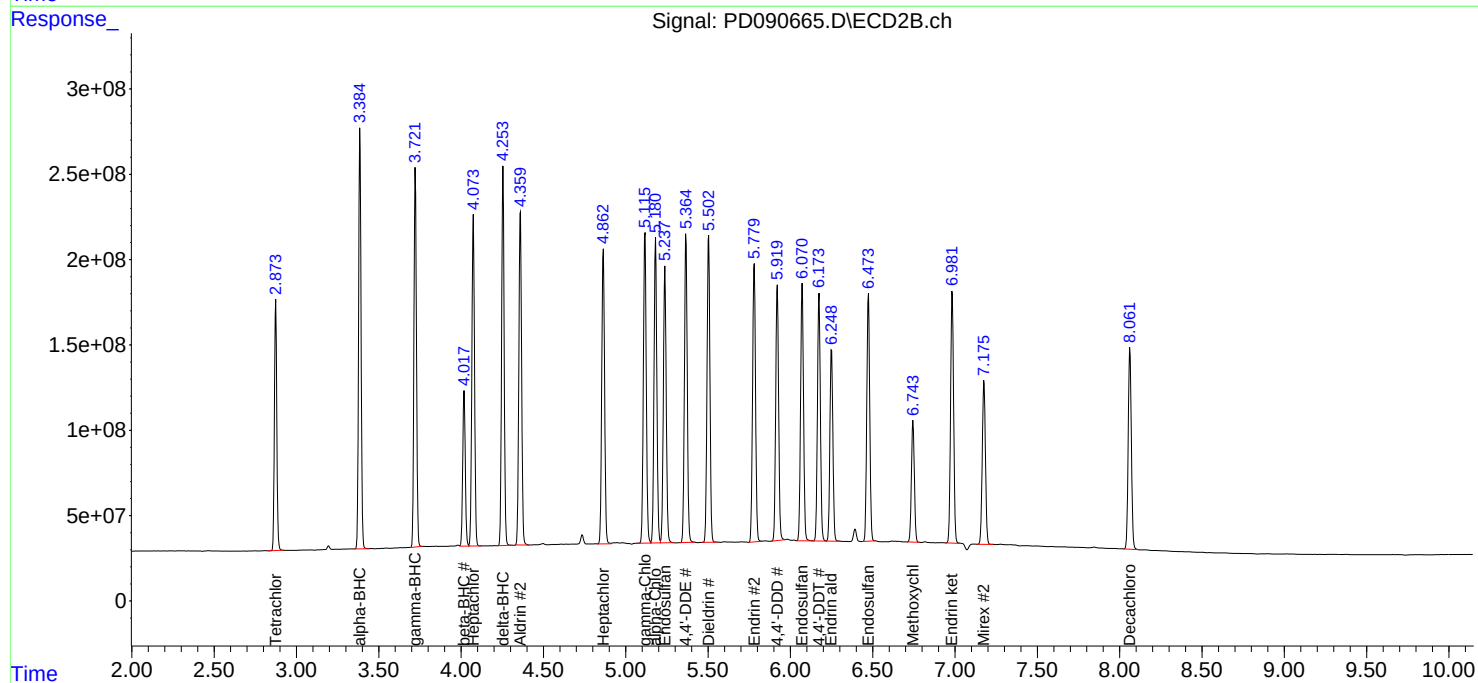
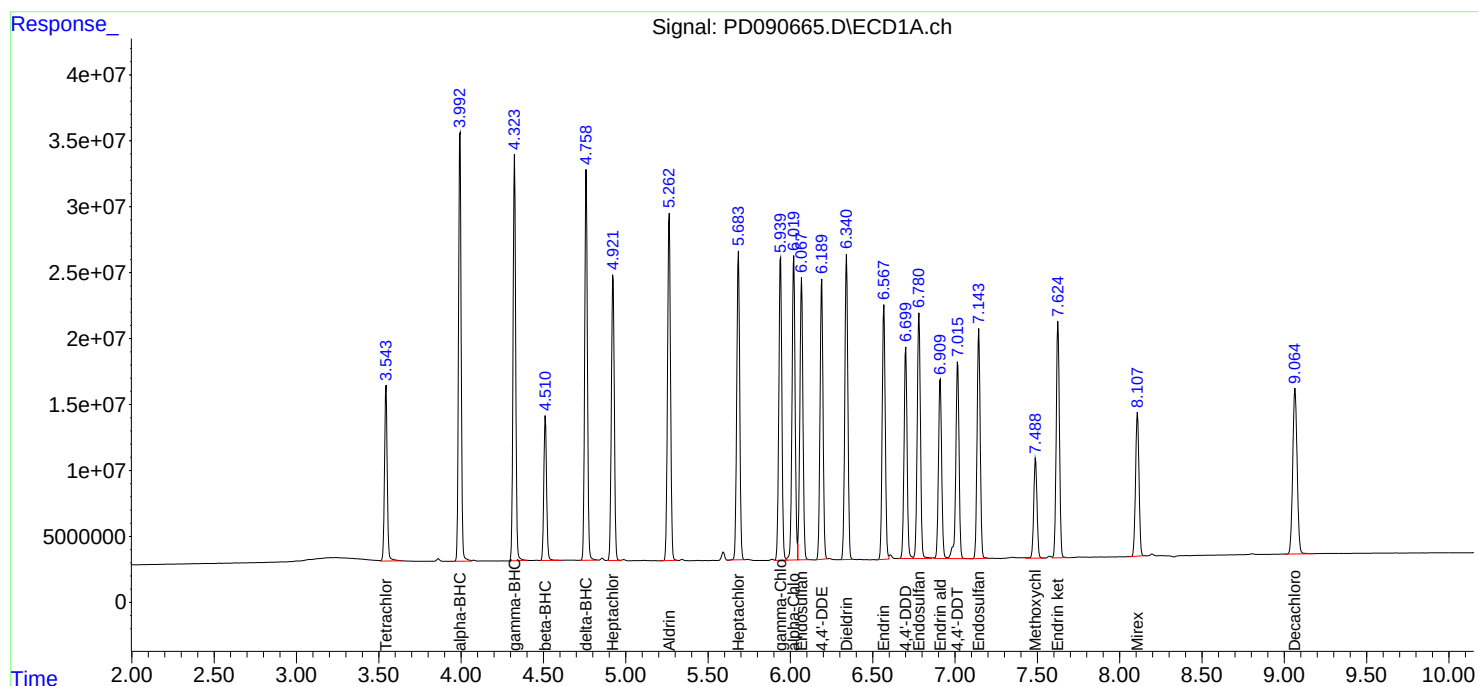
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
ICVPD101725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 17:27:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



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

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725CHLOR

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

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

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

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

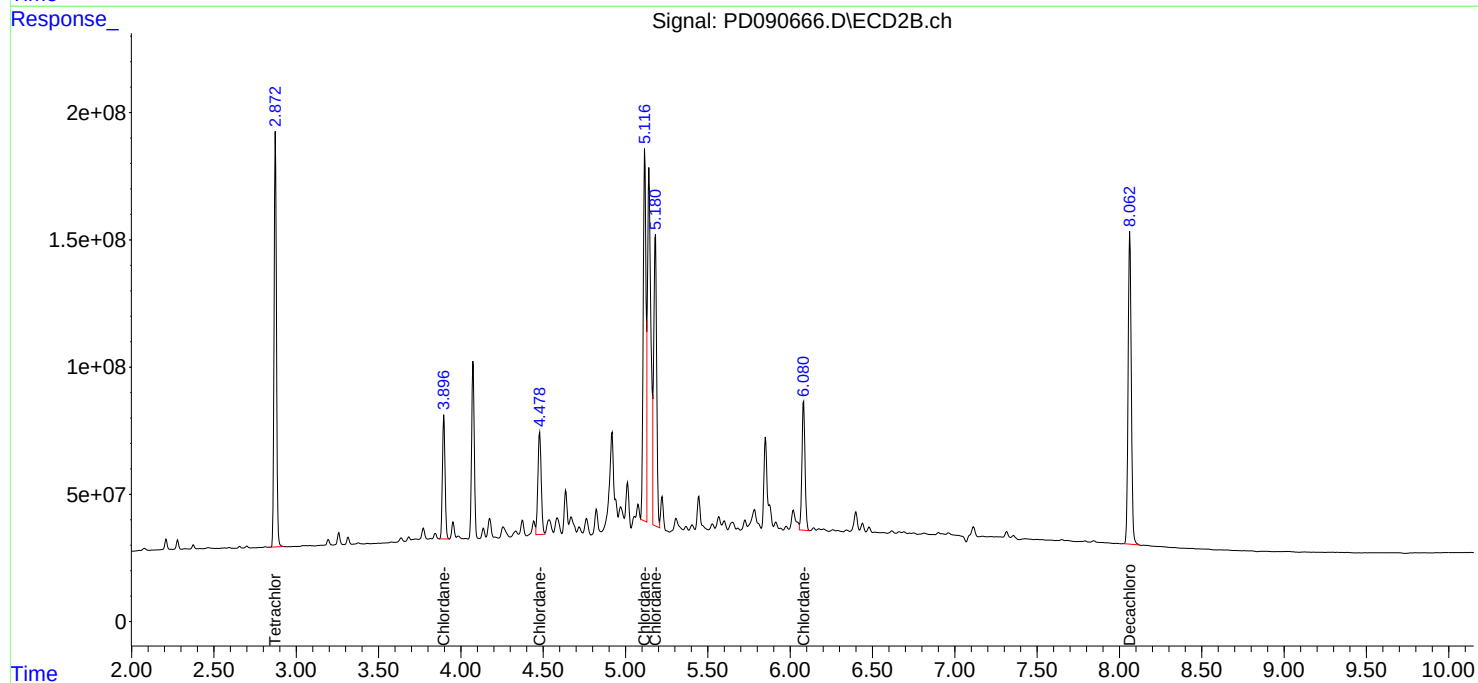
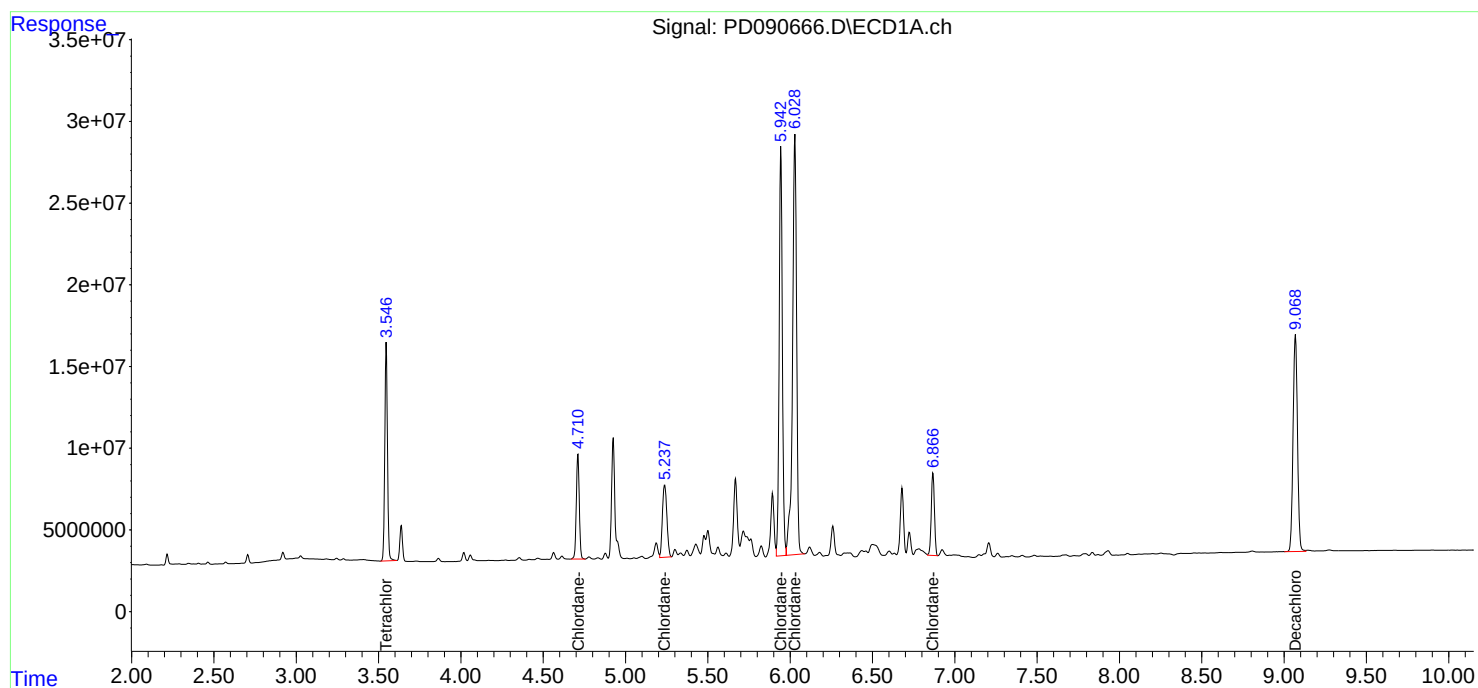
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
ICVPD101725CHLOR

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

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



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

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD101725TOX

Manual Integrations
 APPROVED

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

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

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

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

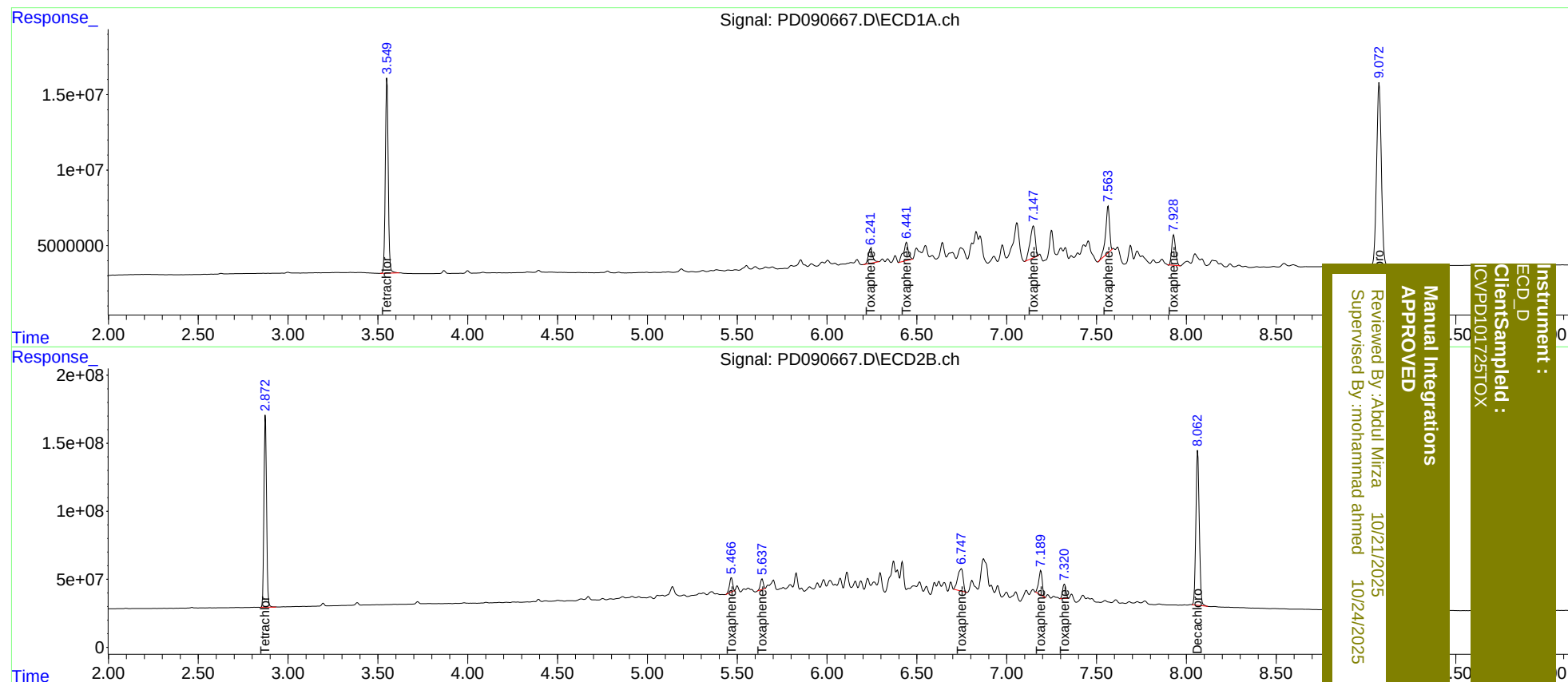
System Monitoring Compounds						
1) SA Tetrachlo...	3.550	2.874	144.8E6	1414.7E6	47.850	47.865
7) SA Decachlor...	9.073	8.063	222.4E6	1485.6E6	48.104	48.572
Target Compounds						
2) Toxaphene-1	6.243	5.468	16199211	128.4E6	486.326	472.241
3) Toxaphene-2	6.442	5.639	23160349	87664602	469.047	488.530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

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

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

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

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



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

Instrument :
ECD_D
ClientSample :
ICVPD101725TOX

Calibration Times: 14:57 15:52

LAB FILE ID:	RT 100 =	<u>PL097639.D</u>	RT 075 =	<u>PL097640.D</u>
	RT 050 =	PL097641.D	RT 025 =	PL097642.D
			RT 005 =	PL097643.D

[illegible]

Lab Name:	<u>Alliance</u>	Contract:	<u>REMI02</u>	
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3495</u>	
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):	<u>10/28/2025</u>	<u>10/28/2025</u>
		Calibration Times:	<u>14:57</u>	<u>15:52</u>

LAB FILE ID:		RT 100 =	<u>PL097639.D</u>	RT 075 =	<u>PL097640.D</u>
RT 050 =	PL097641.D	RT 025 =	PL097642.D	RT 005 =	PL097643.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02
SDG NO.: Q3495

Calibration Date(s): 10/28/2025 10/28/2025
Calibration Times: 14:57 15:52

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

LAB FILE ID:		CF 100 =	<u>PL097639.D</u>	CF 075 =	<u>PL097640.D</u>		
CF 050 =	<u>PL097641.D</u>	CF 025 =	<u>PL097642.D</u>	CF 005 =	<u>PL097643.D</u>		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3567700000	3596420000	3519300000	3523300000	3666310000	3574610000	2
4,4'-DDE	4662610000	4685370000	4441220000	4360150000	4797990000	4589470000	4
4,4'-DDT	4001630000	4034700000	3952490000	3902070000	4268650000	4031910000	4
Aldrin	6058100000	6091030000	5945310000	5940210000	6490500000	6105030000	4
alpha-BHC	6928520000	6914720000	6685810000	6608510000	6833540000	6794220000	2
alpha-Chlordane	5318710000	5392920000	5297330000	5359280000	6080300000	5489710000	6
beta-BHC	2483420000	2529180000	2519150000	2622160000	2877130000	2606210000	6
Decachlorobiphenyl	2752980000	2829430000	2855460000	2954080000	3483880000	2975170000	10
delta-BHC	5971560000	5952370000	5775720000	5721570000	6304030000	5945050000	4
Dieldrin	5283750000	5330610000	5235600000	5266320000	5691530000	5361560000	4
Endosulfan I	4923010000	4986140000	4874360000	4922540000	5508940000	5043000000	5
Endosulfan II	4327360000	4378110000	4392730000	4521570000	5144310000	4552820000	7
Endosulfan sulfate	3758840000	3821150000	3776740000	3833480000	4357140000	3909470000	6
Endrin	4454260000	4378530000	4274020000	4464660000	4827220000	4479740000	5
Endrin aldehyde	3101220000	3164730000	3160050000	3271010000	3752980000	3290000000	8
Endrin ketone	4059380000	4127980000	4091630000	4143360000	4391020000	4162670000	3
gamma-BHC (Lindane)	6439530000	6439050000	6256040000	6236810000	6572420000	6388770000	2
gamma-Chlordane	5419060000	5469220000	5358210000	5341330000	5823080000	5482180000	4
Heptachlor	6313730000	6354930000	6248720000	6339570000	6718330000	6395060000	3
Heptachlor epoxide	5349750000	5417960000	5398670000	5652150000	7338600000	5831430000	15
Methoxychlor	1916410000	1969950000	1972250000	2019390000	2326100000	2040820000	8
Tetrachloro-m-xylene	3969760000	4019030000	3978350000	4085520000	4406630000	4091860000	4



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: REMI02
SDG NO.: Q3495

Calibration Date(s): 10/28/2025 10/28/2025
Calibration Times: 14:57 15:52

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

LAB FILE ID:		CF 100 =	<u>PL097639.D</u>	CF 075 =	<u>PL097640.D</u>		
CF 050 =		<u>PL097641.D</u>	CF 025 =	<u>PL097642.D</u>	CF 005 =	<u>PL097643.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6275870000	6447250000	6304230000	6280450000	6746180000	6410790000	3
4,4'-DDE	7606260000	7779780000	7589550000	7495840000	7855120000	7665310000	2
4,4'-DDT	6819710000	6969130000	6786060000	6778330000	7038460000	6878340000	2
Aldrin	8434770000	8618140000	8473930000	8459580000	8998980000	8597080000	3
alpha-BHC	9819830000	9929670000	9677710000	9562720000	9654590000	9728900000	1
alpha-Chlordane	7955180000	8182630000	8114990000	8327570000	8936440000	8303360000	5
beta-BHC	3699680000	3793400000	3790740000	3929010000	4543610000	3951290000	9
Decachlorobiphenyl	4847190000	5011950000	5033010000	5379370000	6452460000	5344800000	12
delta-BHC	9007400000	9145200000	8903490000	8797930000	9020540000	8974910000	1
Dieldrin	7848960000	8071420000	7933490000	7923410000	8420040000	8039460000	3
Endosulfan I	7063640000	7307870000	7289790000	7533680000	8447240000	7528440000	7
Endosulfan II	6655110000	6864970000	6820360000	6950360000	7820390000	7022240000	7
Endosulfan sulfate	6329550000	6567420000	6538450000	6724860000	7571530000	6746360000	7
Endrin	6696330000	6920810000	6835150000	6953450000	7577070000	6996560000	5
Endrin aldehyde	4975120000	5183660000	5236320000	5611370000	7771040000	5755500000	20
Endrin ketone	6941110000	7218950000	7210830000	7499260000	8349000000	7443830000	7
gamma-BHC (Lindane)	9025580000	9156440000	8952920000	8943570000	9216610000	9059020000	1
gamma-Chlordane	8266210000	8501510000	8457090000	8767920000	9279040000	8654350000	5
Heptachlor	8675510000	8892850000	8832330000	8964890000	9961270000	9065370000	6
Heptachlor epoxide	7443930000	7693490000	7641160000	7770100000	8710360000	7851810000	6
Methoxychlor	3414390000	3555870000	3587550000	3765390000	4253070000	3715250000	9
Tetrachloro-m-xylene	5762550000	5872210000	5827140000	5996140000	6637090000	6019020000	6



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

Instrument ID: ECD_L Date(s) Analyzed: 10/28/2025 10/28/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.20	6.10	6.30	40325100
		2	6.60	6.50	6.70	29864600
		3	7.01	6.91	7.11	141530000
		4	7.10	7.00	7.20	102524000
		5	7.88	7.78	7.98	73398900



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
Instrument ID: ECD_L **Date(s) Analyzed:** 10/28/2025 10/28/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.06	4.96	5.16	42932600
		2	5.75	5.65	5.85	48959900
		3	6.03	5.93	6.13	56151700
		4	6.66	6.56	6.76	172906000
		5	7.10	7.00	7.20	107207000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 14:57
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC100

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:40:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 16:38:04 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.523	2.821	397.0E6	576.3E6	99.892	99.443
2)	SA Decachlor...	8.994	7.978	275.3E6	484.7E6	98.173	98.119
Target Compounds							
2)	A alpha-BHC	3.970	3.326	692.9E6	982.0E6	101.783	100.729
3)	MA gamma-BHC...	4.298	3.658	644.0E6	902.6E6	101.445	100.404
4)	MA Heptachlor	4.888	4.005	631.4E6	867.6E6	100.517	99.104
5)	MB Aldrin	5.227	4.287	605.8E6	843.5E6	100.940	99.768
6)	B beta-BHC	4.486	3.954	248.3E6	370.0E6	99.286	98.784
7)	B delta-BHC	4.731	4.186	597.2E6	900.7E6	101.667	100.580
8)	B Heptachlo...	5.647	4.789	535.0E6	744.4E6	99.545	98.693
9)	A Endosulfan I	6.028	5.160	492.3E6	706.4E6	100.497	98.424
10)	B gamma-Chl...	5.901	5.041	541.9E6	826.6E6	100.565	98.859
11)	B alpha-Chl...	5.980	5.105	531.9E6	795.5E6	100.201	99.006
12)	B 4,4'-DDE	6.151	5.293	466.3E6	760.6E6	102.432	100.110
13)	MA Dieldrin	6.300	5.424	528.4E6	784.9E6	100.458	99.464
14)	MA Endrin	6.526	5.698	445.4E6	669.6E6	102.065	98.974
15)	B Endosulfa...	6.740	5.990	432.7E6	665.5E6	99.250	98.774
16)	A 4,4'-DDD	6.660	5.845	356.8E6	627.6E6	100.683	99.775
17)	MA 4,4'-DDT	6.974	6.098	400.2E6	682.0E6	100.618	100.247
18)	B Endrin al...	6.869	6.168	310.1E6	497.5E6	99.061	97.442
19)	B Endosulfa...	7.102	6.392	375.9E6	633.0E6	99.762	98.377
20)	A Methoxychlor	7.447	6.669	191.6E6	341.4E6	98.564	97.527
21)	B Endrin ke...	7.582	6.896	405.9E6	694.1E6	99.604	98.094
22)	Mirex	8.059	7.085	278.6E6	491.3E6	97.296	97.268

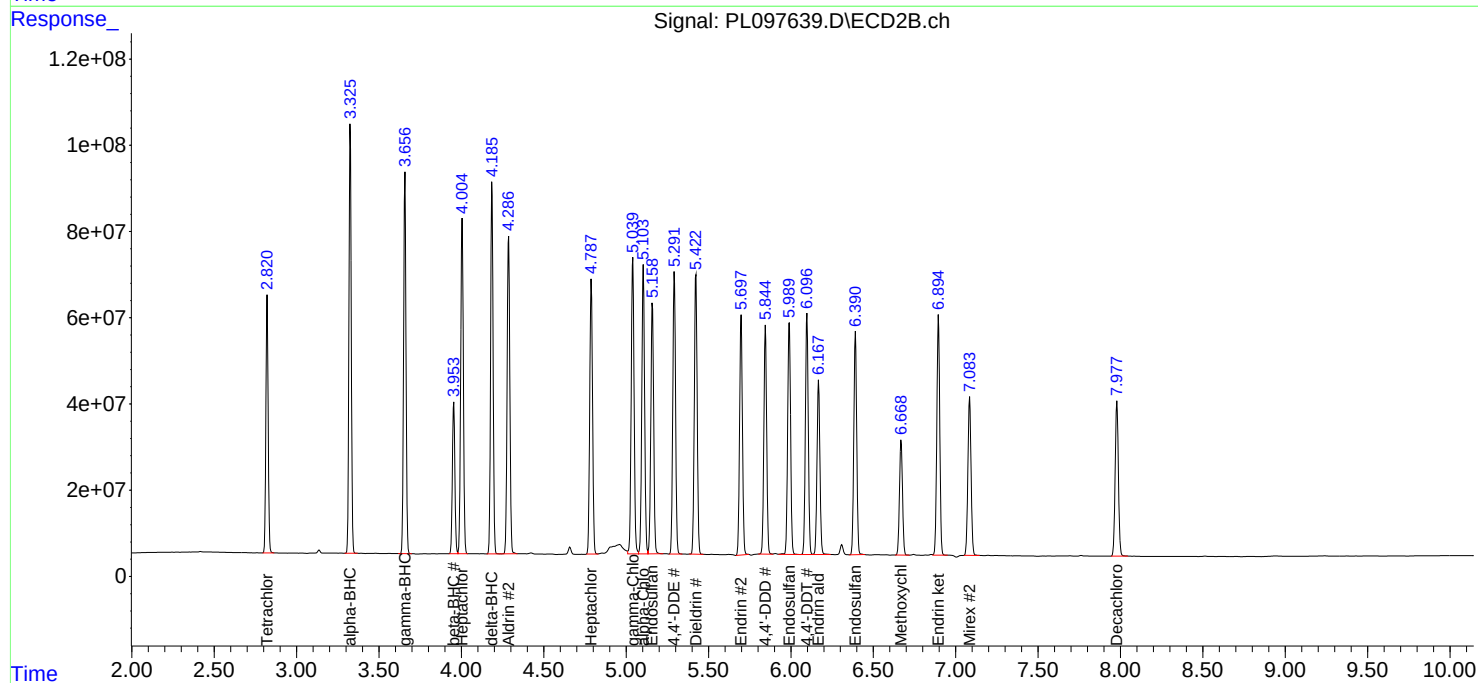
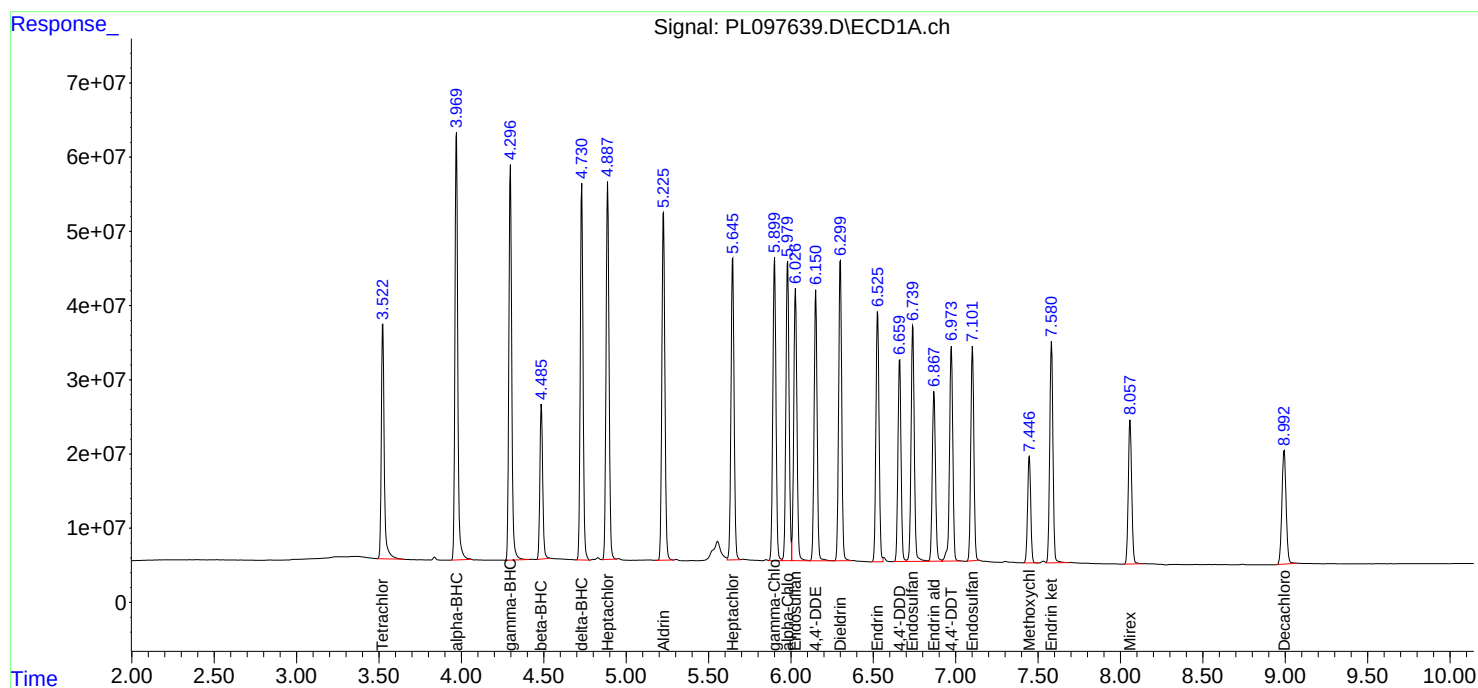
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097639.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:57
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:40:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 16:38:04 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 15:11
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:42:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 16:38:04 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.821	301.4E6	440.4E6	75.564	75.665
2)	SA Decachlor...	8.993	7.978	212.2E6	375.9E6	75.448	75.724
Target Compounds							
2)	A alpha-BHC	3.970	3.326	518.6E6	744.7E6	75.786	75.922
3)	MA gamma-BHC...	4.298	3.658	482.9E6	686.7E6	75.715	75.924
4)	MA Heptachlor	4.888	4.005	476.6E6	667.0E6	75.584	75.789
5)	MB Aldrin	5.227	4.287	456.8E6	646.4E6	75.740	75.962
6)	B beta-BHC	4.486	3.954	189.7E6	284.5E6	75.556	75.641
7)	B delta-BHC	4.731	4.186	446.4E6	685.9E6	75.667	76.052
8)	B Heptachlo...	5.647	4.789	406.3E6	577.0E6	75.406	75.994
9)	A Endosulfan I	6.027	5.159	374.0E6	548.1E6	75.887	75.908
10)	B gamma-Chl...	5.901	5.040	410.2E6	637.6E6	75.744	75.832
11)	B alpha-Chl...	5.980	5.104	404.5E6	613.7E6	75.795	75.913
12)	B 4,4'-DDE	6.151	5.293	351.4E6	583.5E6	76.452	76.187
13)	MA Dieldrin	6.300	5.423	399.8E6	605.4E6	75.671	76.133
14)	MA Endrin	6.527	5.698	328.4E6	519.1E6	75.165	76.137
15)	B Endosulfa...	6.741	5.990	328.4E6	514.9E6	75.207	75.938
16)	A 4,4'-DDD	6.660	5.845	269.7E6	483.5E6	75.743	76.239
17)	MA 4,4'-DDT	6.974	6.097	302.6E6	522.7E6	75.721	76.212
18)	B Endrin al...	6.869	6.168	237.4E6	388.8E6	75.543	75.759
19)	B Endosulfa...	7.102	6.391	286.6E6	492.6E6	75.705	76.030
20)	A Methoxychlor	7.447	6.669	147.7E6	266.7E6	75.656	75.780
21)	B Endrin ke...	7.582	6.895	309.6E6	541.4E6	75.641	76.004
22)	Mirex	8.060	7.084	217.3E6	384.7E6	75.588	75.767

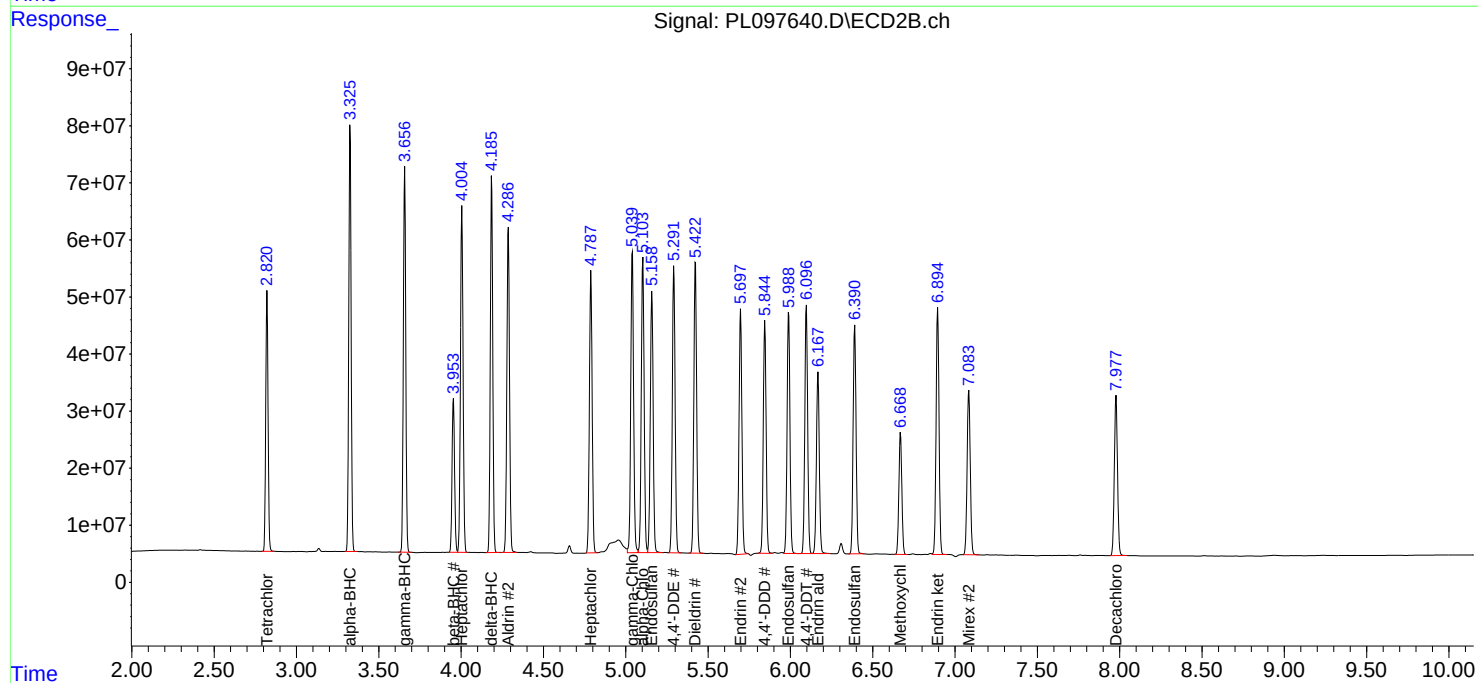
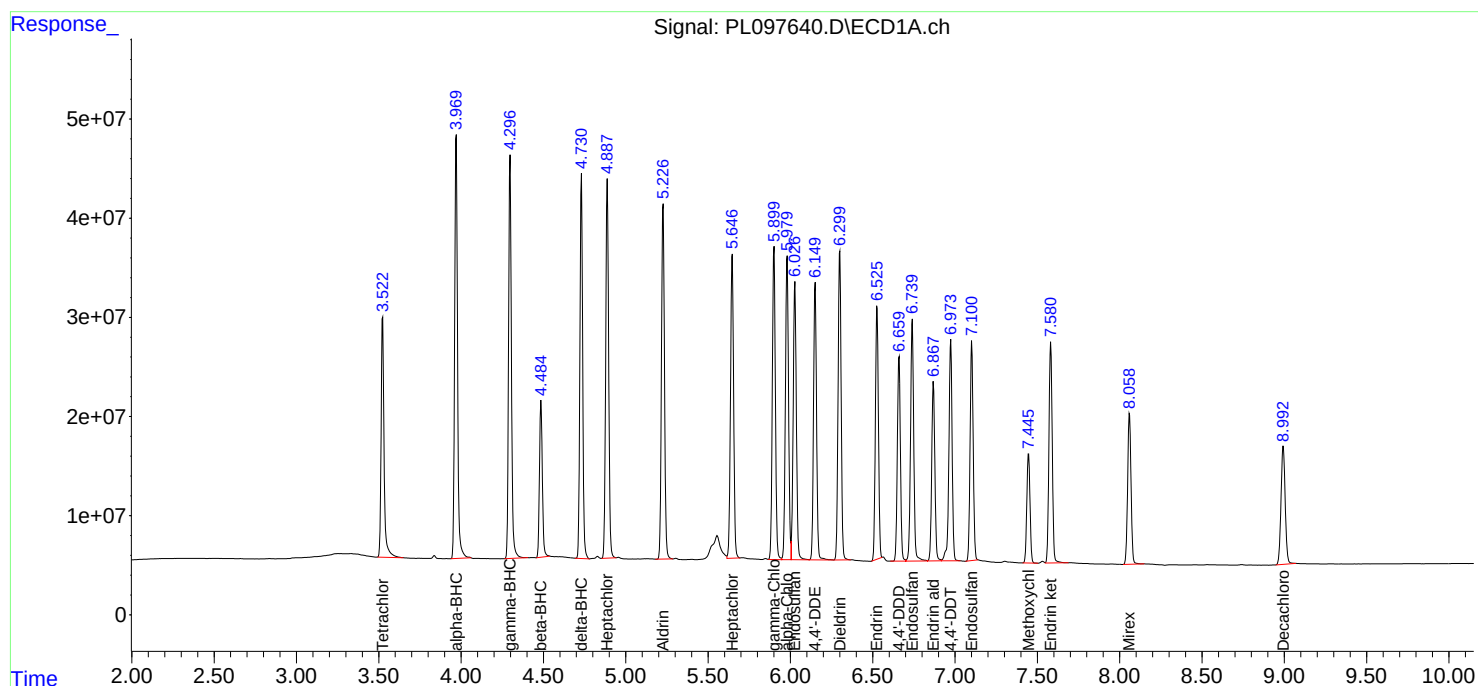
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097640.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:11
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:42:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 16:38:04 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097641.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 15:25
 Operator : AR\AJ
 Sample : PSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:38:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 16:38:04 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.821	198.9E6	291.4E6	50.000	50.000
28)	SA Decachlor...	8.993	7.979	142.8E6	251.7E6	50.000	50.000
Target Compounds							
2)	A alpha-BHC	3.970	3.326	334.3E6	483.9E6	50.000	50.000
3)	MA gamma-BHC...	4.298	3.658	312.8E6	447.6E6	50.000	50.000
4)	MA Heptachlor	4.888	4.005	312.4E6	441.6E6	50.000	50.000
5)	MB Aldrin	5.227	4.287	297.3E6	423.7E6	50.000	50.000
6)	B beta-BHC	4.486	3.954	126.0E6	189.5E6	50.000	50.000
7)	B delta-BHC	4.731	4.186	288.8E6	445.2E6	50.000	50.000
8)	B Heptachlo...	5.647	4.789	269.9E6	382.1E6	50.000	50.000
9)	A Endosulfan I	6.028	5.159	243.7E6	364.5E6	50.000	50.000
10)	B gamma-Chl...	5.901	5.040	267.9E6	422.9E6	50.000	50.000
11)	B alpha-Chl...	5.981	5.104	264.9E6	405.7E6	50.000	50.000
12)	B 4,4'-DDE	6.151	5.293	222.1E6	379.5E6	50.000	50.000
13)	MA Dieldrin	6.300	5.424	261.8E6	396.7E6	50.000	50.000
14)	MA Endrin	6.527	5.699	213.7E6	341.8E6	50.000	50.000
15)	B Endosulfa...	6.741	5.990	219.6E6	341.0E6	50.000	50.000
16)	A 4,4'-DDD	6.660	5.845	176.0E6	315.2E6	50.000	50.000
17)	MA 4,4'-DDT	6.974	6.097	197.6E6	339.3E6	50.000	50.000
18)	B Endrin al...	6.869	6.168	158.0E6	261.8E6	50.000	50.000
19)	B Endosulfa...	7.103	6.391	188.8E6	326.9E6	50.000	50.000
20)	A Methoxychlor	7.447	6.669	98612708	179.4E6	50.000	50.000
21)	B Endrin ke...	7.581	6.896	204.6E6	360.5E6	50.000	50.000
22)	Mirex	8.060	7.085	147.0E6	259.5E6	50.000	50.000

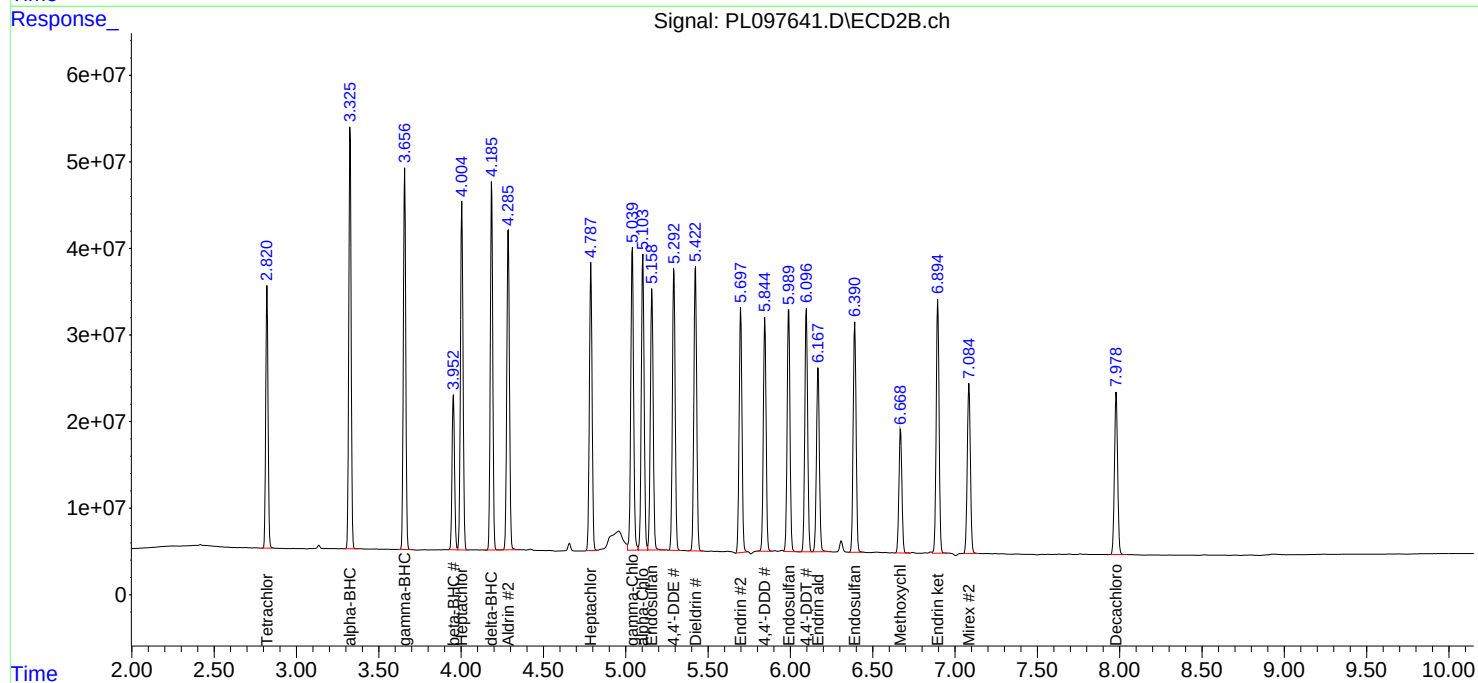
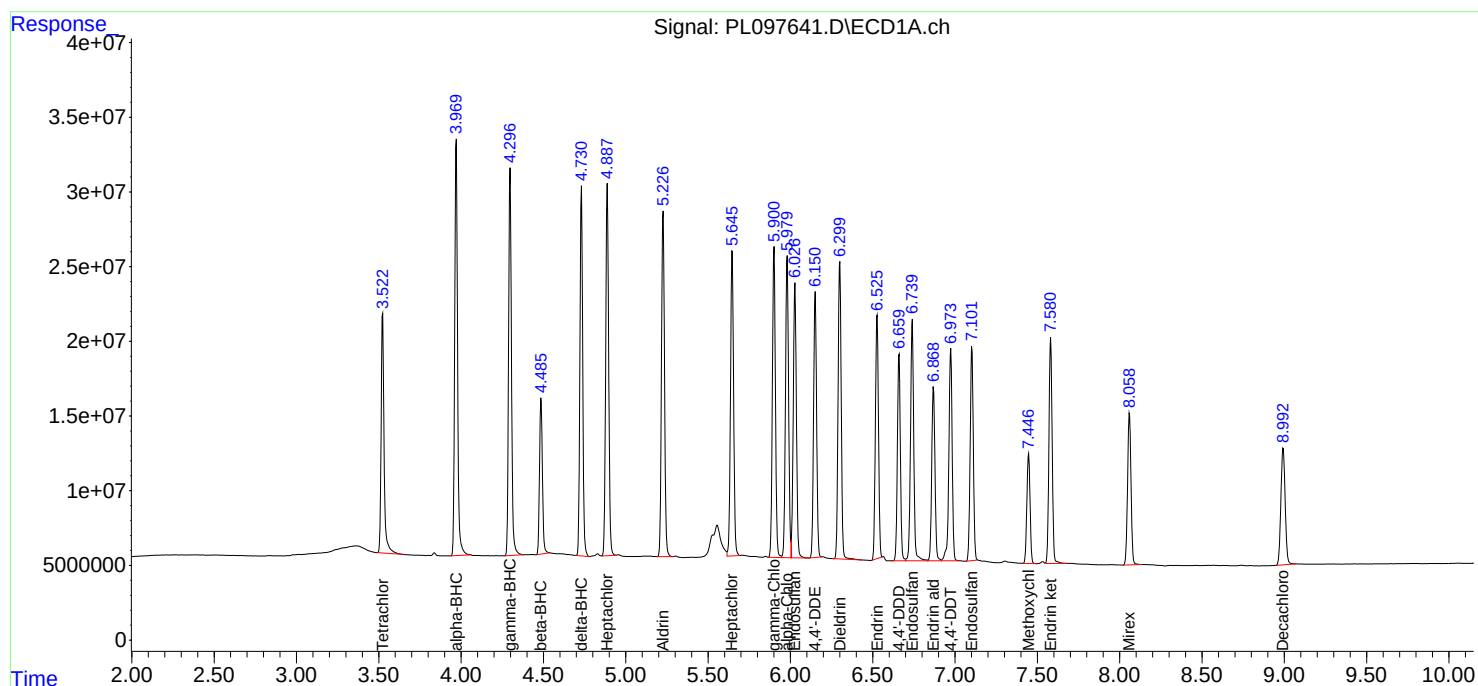
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097641.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:25
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:38:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 16:38:04 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097642.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 15:38
 Operator : AR\AJ
 Sample : PSTDICC025
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:45:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 16:38:04 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.523	2.821	102.1E6	149.9E6	25.451	25.561
28)	SA Decachlor...	8.995	7.979	73852009	134.5E6	25.931	26.537
Target Compounds							
2)	A alpha-BHC	3.970	3.326	165.2E6	239.1E6	24.352	24.526
3)	MA gamma-BHC...	4.298	3.657	155.9E6	223.6E6	24.582	24.789
4)	MA Heptachlor	4.888	4.005	158.5E6	224.1E6	25.100	25.349
5)	MB Aldrin	5.227	4.286	148.5E6	211.5E6	24.715	24.891
6)	B beta-BHC	4.485	3.954	65553970	98225230	25.824	25.827
7)	B delta-BHC	4.731	4.186	143.0E6	219.9E6	24.429	24.538
8)	B Heptachlo...	5.647	4.788	141.3E6	194.3E6	25.905	25.435
9)	A Endosulfan I	6.027	5.159	123.1E6	188.3E6	24.980	25.805
10)	B gamma-Chl...	5.900	5.040	133.5E6	219.2E6	24.742	25.794
11)	B alpha-Chl...	5.980	5.104	134.0E6	208.2E6	25.081	25.560
12)	B 4,4'-DDE	6.151	5.293	109.0E6	187.4E6	24.024	24.600
13)	MA Dieldrin	6.300	5.423	131.7E6	198.1E6	24.940	24.934
14)	MA Endrin	6.527	5.698	111.6E6	173.8E6	25.409	25.372
15)	B Endosulfa...	6.739	5.990	113.0E6	173.8E6	25.636m	25.468
16)	A 4,4'-DDD	6.660	5.845	88082541	157.0E6	24.800	24.816
17)	MA 4,4'-DDT	6.974	6.097	97551634	169.5E6	24.555	24.781
18)	B Endrin al...	6.869	6.168	81775215	140.3E6	25.762	26.713
19)	B Endosulfa...	7.103	6.391	95837115	168.1E6	25.237	25.706
20)	A Methoxychlor	7.447	6.669	50484719	94134749	25.633	26.289
21)	B Endrin ke...	7.582	6.895	103.6E6	187.5E6	25.230	25.976
22)	Mirex	8.060	7.085	77118061	138.4E6	26.347	26.658

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:38
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC025

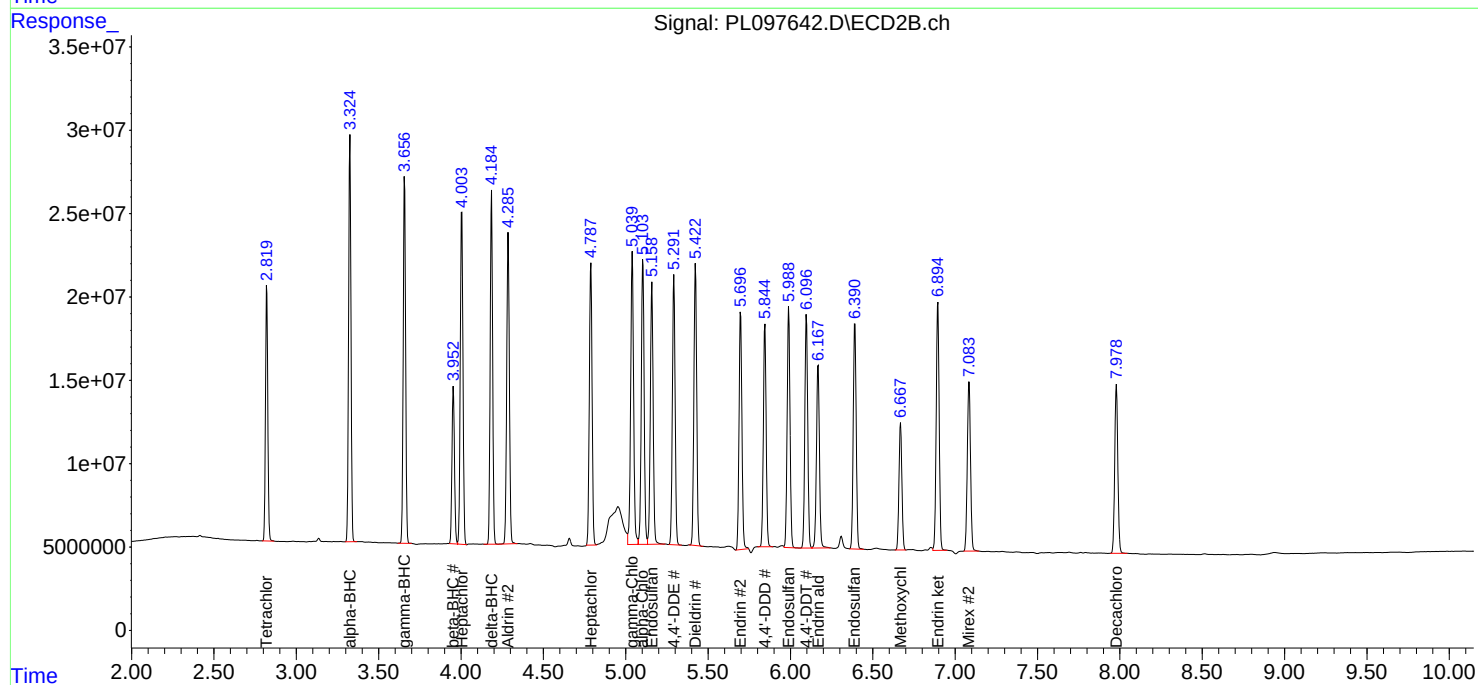
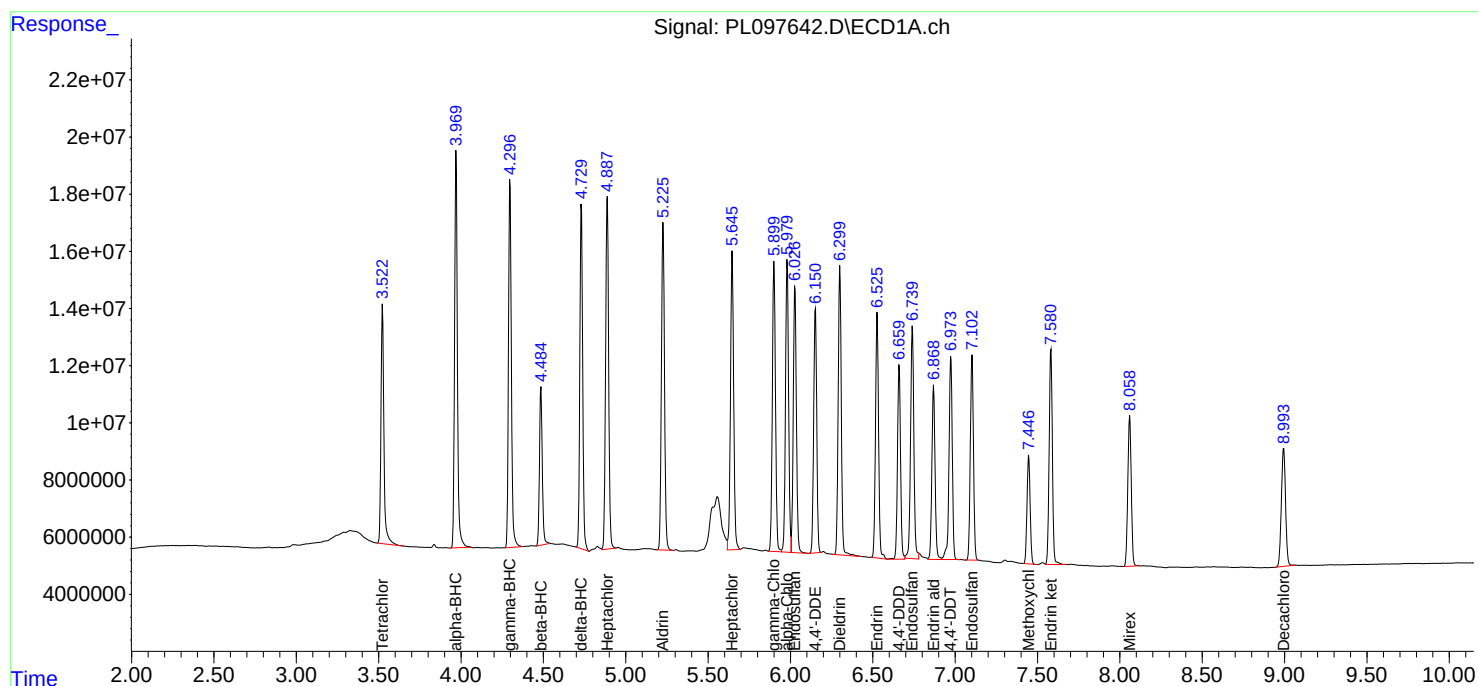
Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:45:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 16:38:04 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097643.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 15:52
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:49:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 16:38:04 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 x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.523	2.821	22033150	33185430	5.385	5.513
28) SA Decachlor...	8.993	7.978	17419390	32262310	5.855	6.036
Target Compounds						
2) A alpha-BHC	3.970	3.325	34167675	48272925	5.029	4.962
3) MA gamma-BHC...	4.297	3.657	32862087	46083038	5.144	5.087
4) MA Heptachlor	4.886	4.005	33591651	49806341	5.231m	5.494
5) MB Aldrin	5.227	4.287	32452517	44994892	5.316	5.234
6) B beta-BHC	4.486	3.953	14385642	22718064	5.520	5.750
7) B delta-BHC	4.730	4.186	31520156	45102676	5.302	5.025
8) B Heptachlo...	5.646	4.788	36692989	43551786	6.292	5.547
9) A Endosulfan I	6.027	5.157	27544702	42236191	5.462	5.518m
10) B gamma-Chl...	5.900	5.038	29115405	46395193	5.311	5.349m
11) B alpha-Chl...	5.980	5.102	30401487	44682179	5.538	5.386m
12) B 4,4'-DDE	6.150	5.292	23989944	39275591	5.227	5.124
13) MA Dieldrin	6.299	5.423	28457662	42100217	5.308	5.237
14) MA Endrin	6.525	5.696	24136080	37885360	5.316m	5.398m
15) B Endosulfa...	6.740	5.989	25721552	39101954	5.650	5.568
16) A 4,4'-DDD	6.658	5.843	18331533	33730885	5.122m	5.263m
17) MA 4,4'-DDT	6.974	6.097	21343249	35192313	5.294	5.116
18) B Endrin al...	6.868	6.166	18764916	38855181	5.704	6.775m
19) B Endosulfa...	7.102	6.391	21785696	37857628	5.573	5.612
20) A Methoxychlor	7.446	6.669	11630482	21265327	5.699	5.724
21) B Endrin ke...	7.581	6.895	21955083	41744980	5.274	5.608
22) Mirex	8.059	7.084	18558687	33918642	6.018	6.155

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097643.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:52
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

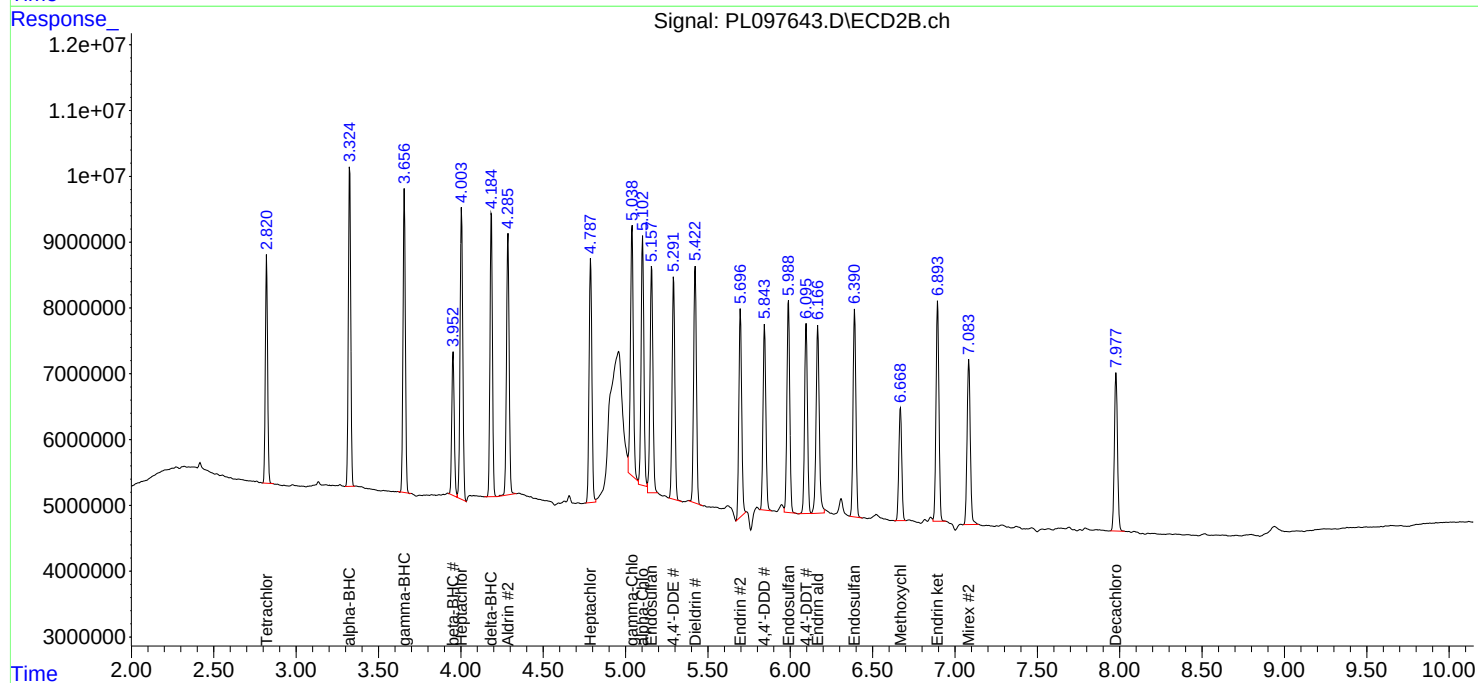
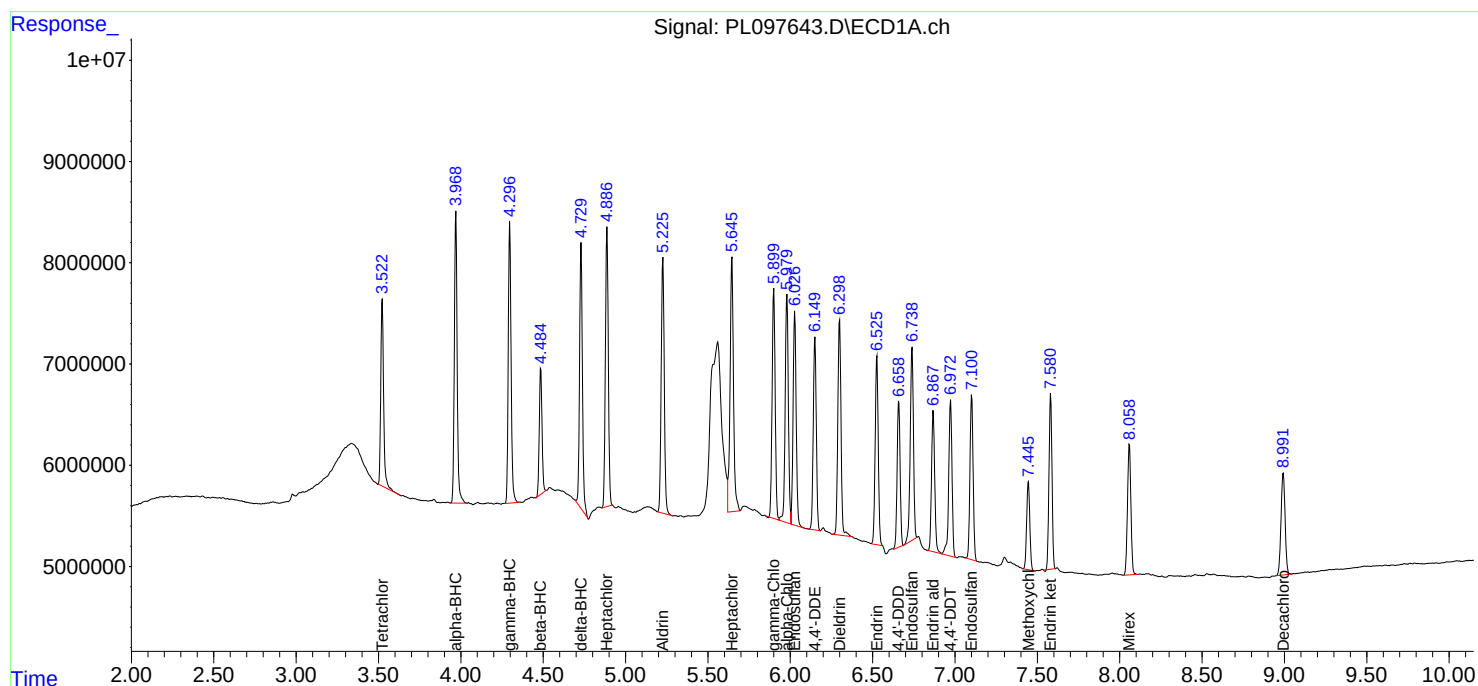
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 16:38:04 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 16:32
 Operator : AR\AJ
 Sample : PCHLORICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PCHLORICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:57:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 16:57:13 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.523	2.821	180.6E6	331.6E6	50.000	50.000
28)	SA Decachlor...	8.993	7.979	127.1E6	231.6E6	50.000	50.000
Target Compounds							
23)	Chlordane-1	4.675	3.830	98793108	117.7E6	500.000	500.000
24)	Chlordane-2	5.198	4.408	109.5E6	132.9E6	500.000	500.000
25)	Chlordane-3	5.901	5.041	402.5E6	415.4E6	500.000	500.000
26)	Chlordane-4	5.986	5.104	495.1E6	363.9E6	500.000	500.000
27)	Chlordane-5	6.822	5.998	79664775	141.0E6	500.000	500.000

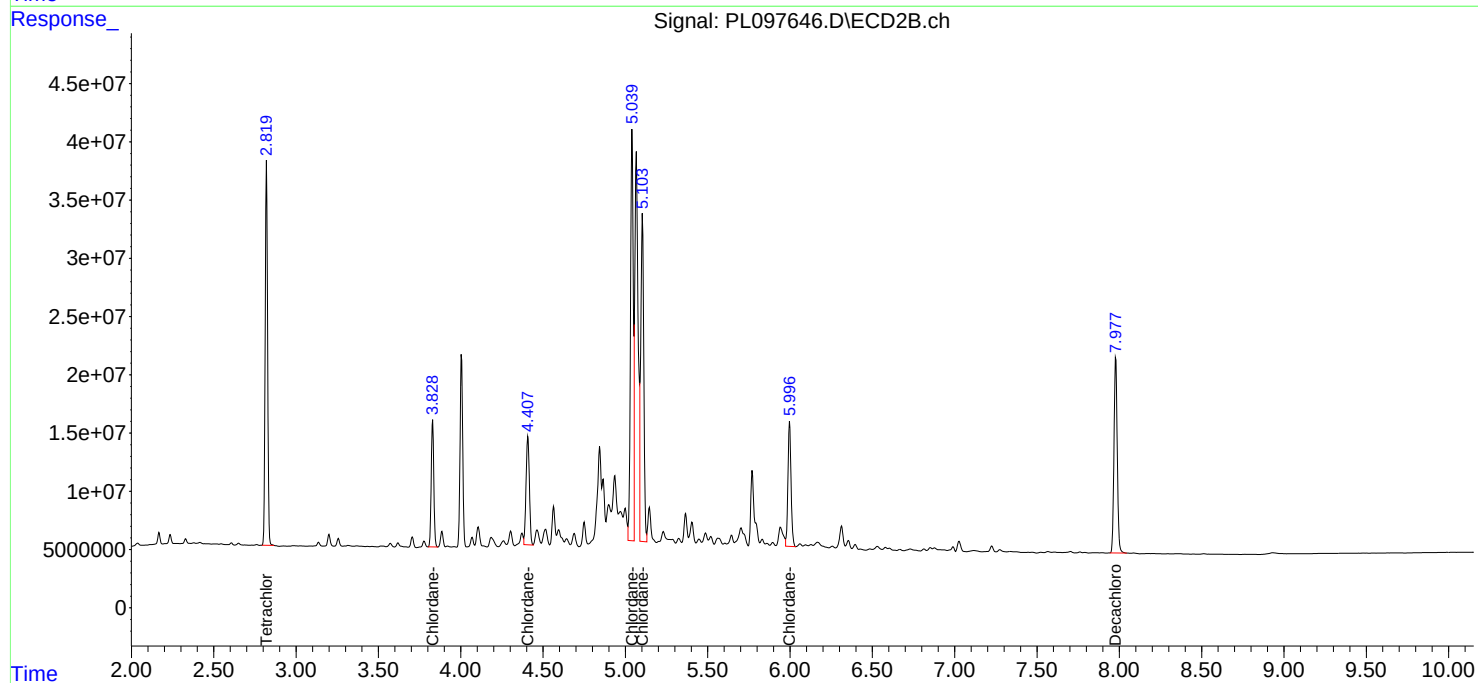
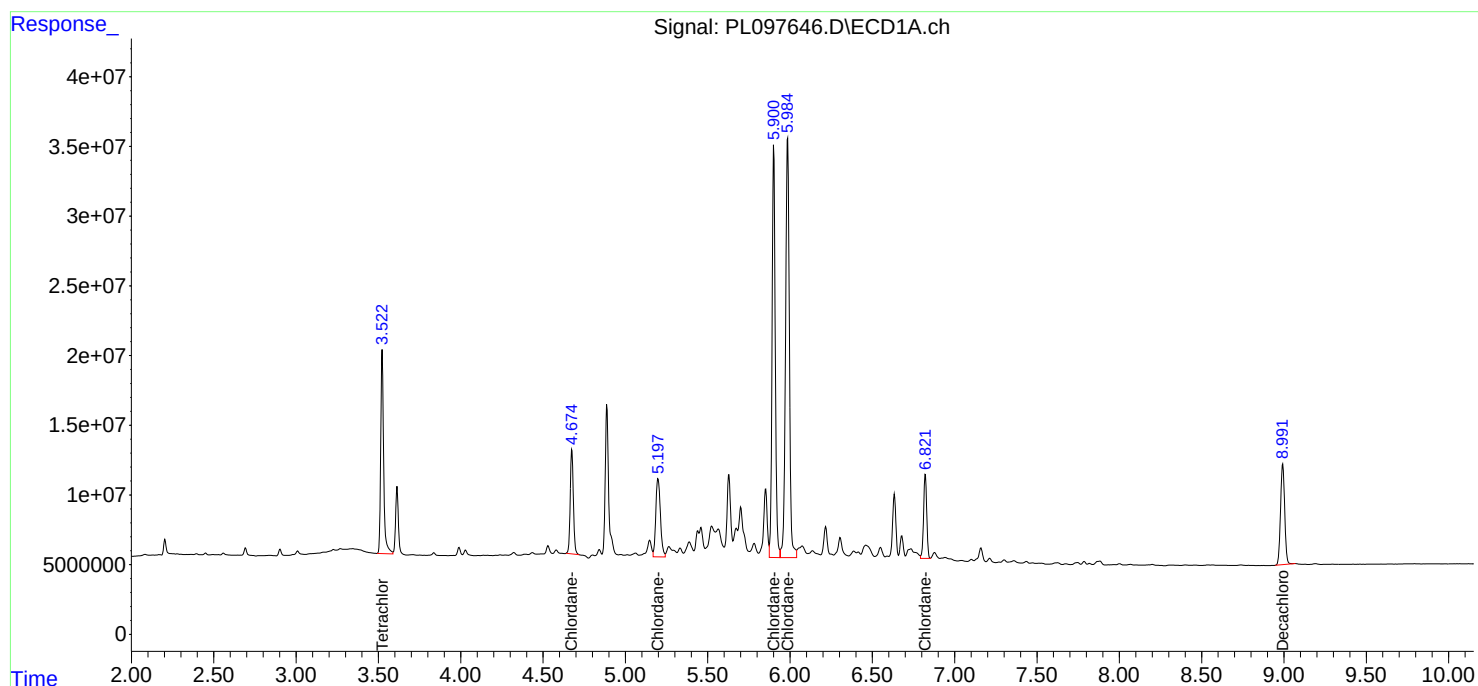
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097646.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 16:32
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 16:57:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 16:57:13 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 17:40
 Operator : AR\AJ
 Sample : PTOXICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PTOXICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:52:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:52:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
 Signal #1 Info : 30M x 0.32mm x0.3 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...	3.524	2.822	212.7E6	303.4E6	50.000	50.000
7) SA Decachlor...	8.993	7.978	153.4E6	273.7E6	50.000	50.000
Target Compounds						
2) Toxaphene-1	6.197	5.062	20162560	21466302	500.000	500.000
3) Toxaphene-2	6.595	5.746	14932322	24479934	500.000	500.000
4) Toxaphene-3	7.009	6.028	70765217	28075847	500.000	500.000
5) Toxaphene-4	7.099	6.662	51261984	86452938	500.000	500.000
6) Toxaphene-5	7.877	7.101	36699429	53603706	500.000	500.000

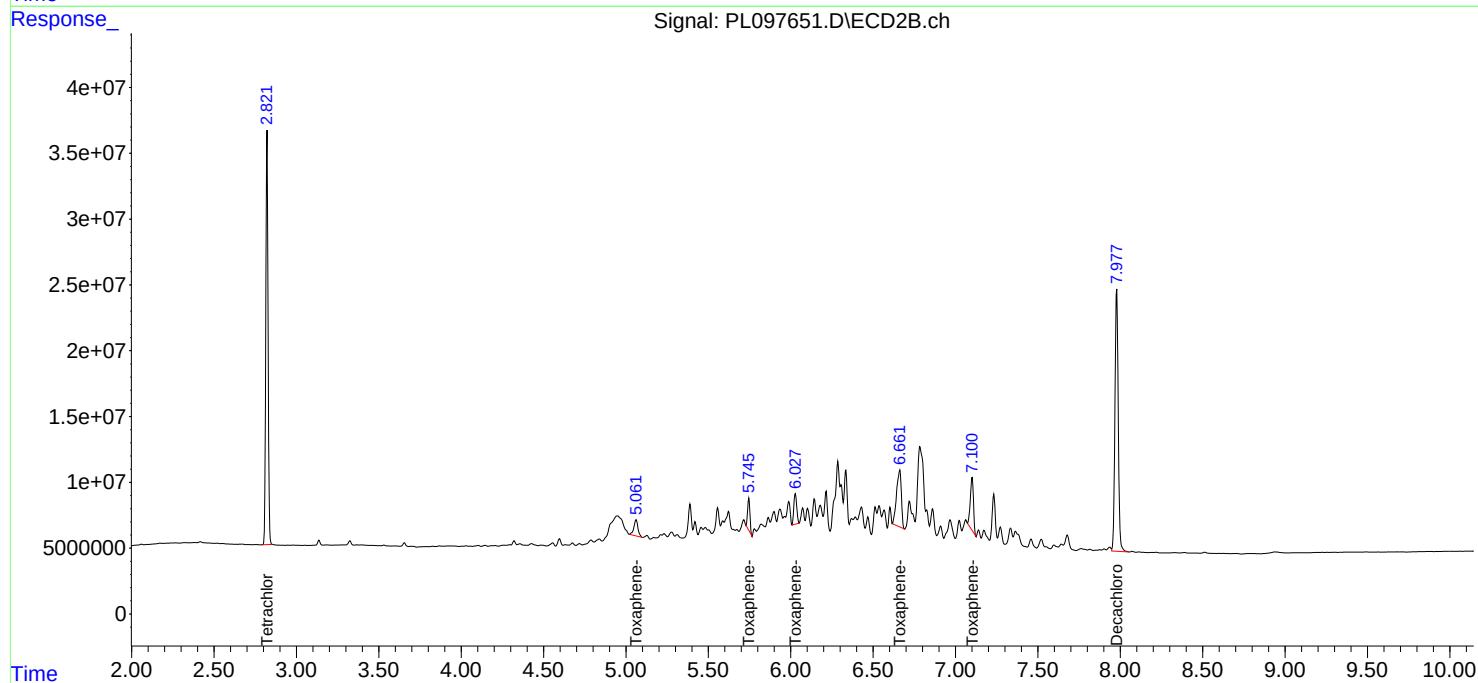
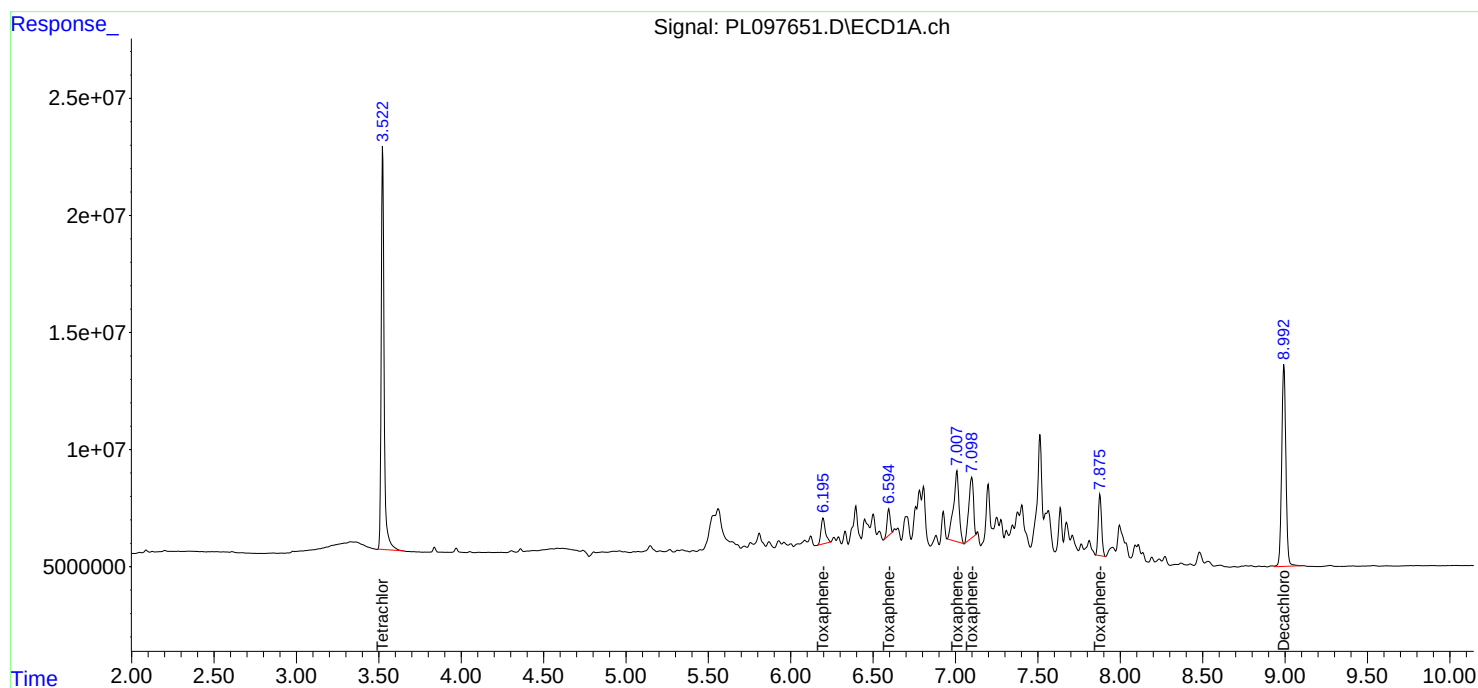
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 17:40
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:52:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:52:32 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 18:21
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL102825

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 19:24:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.822	204.0E6	288.7E6	49.866	47.957
28)	SA Decachlor...	8.994	7.979	142.7E6	252.6E6	47.966	47.261
Target Compounds							
2)	A alpha-BHC	3.971	3.326	341.0E6	478.8E6	50.184	49.219
3)	MA gamma-BHC...	4.299	3.658	319.9E6	443.6E6	50.065	48.967
4)	MA Heptachlor	4.889	4.005	321.3E6	438.5E6	50.248	48.368
5)	MB Aldrin	5.228	4.287	303.4E6	419.2E6	49.701	48.756
6)	B beta-BHC	4.486	3.954	128.7E6	187.5E6	49.363	47.452
7)	B delta-BHC	4.731	4.186	297.8E6	439.5E6	50.092	48.973
8)	B Heptachlo...	5.648	4.789	277.9E6	376.2E6	47.653	47.907
9)	A Endosulfan I	6.029	5.160	248.0E6	360.5E6	49.178	47.888
10)	B gamma-Chl...	5.901	5.041	271.6E6	415.5E6	49.546	48.015
11)	B alpha-Chl...	5.981	5.105	270.3E6	398.9E6	49.241	48.045
12)	B 4,4'-DDE	6.152	5.293	232.9E6	373.2E6	50.746	48.693
13)	MA Dieldrin	6.301	5.424	268.0E6	390.5E6	49.980	48.578
14)	MA Endrin	6.527	5.698	217.7E6	341.9E6	48.589	48.873
15)	B Endosulfa...	6.741	5.990	222.6E6	335.6E6	48.896	47.795
16)	A 4,4'-DDD	6.661	5.845	181.0E6	312.2E6	50.633	48.699
17)	MA 4,4'-DDT	6.975	6.097	202.3E6	335.7E6	50.184	48.810
18)	B Endrin al...	6.870	6.168	160.8E6	258.9E6	48.883	44.988
19)	B Endosulfa...	7.103	6.392	193.3E6	322.8E6	49.439	47.848
20)	A Methoxychlor	7.447	6.670	99916123	178.0E6	48.959	47.922
21)	B Endrin ke...	7.582	6.896	210.1E6	360.1E6	50.463	48.377
22)	Mirex	8.060	7.085	148.8E6	258.9E6	48.263	46.984

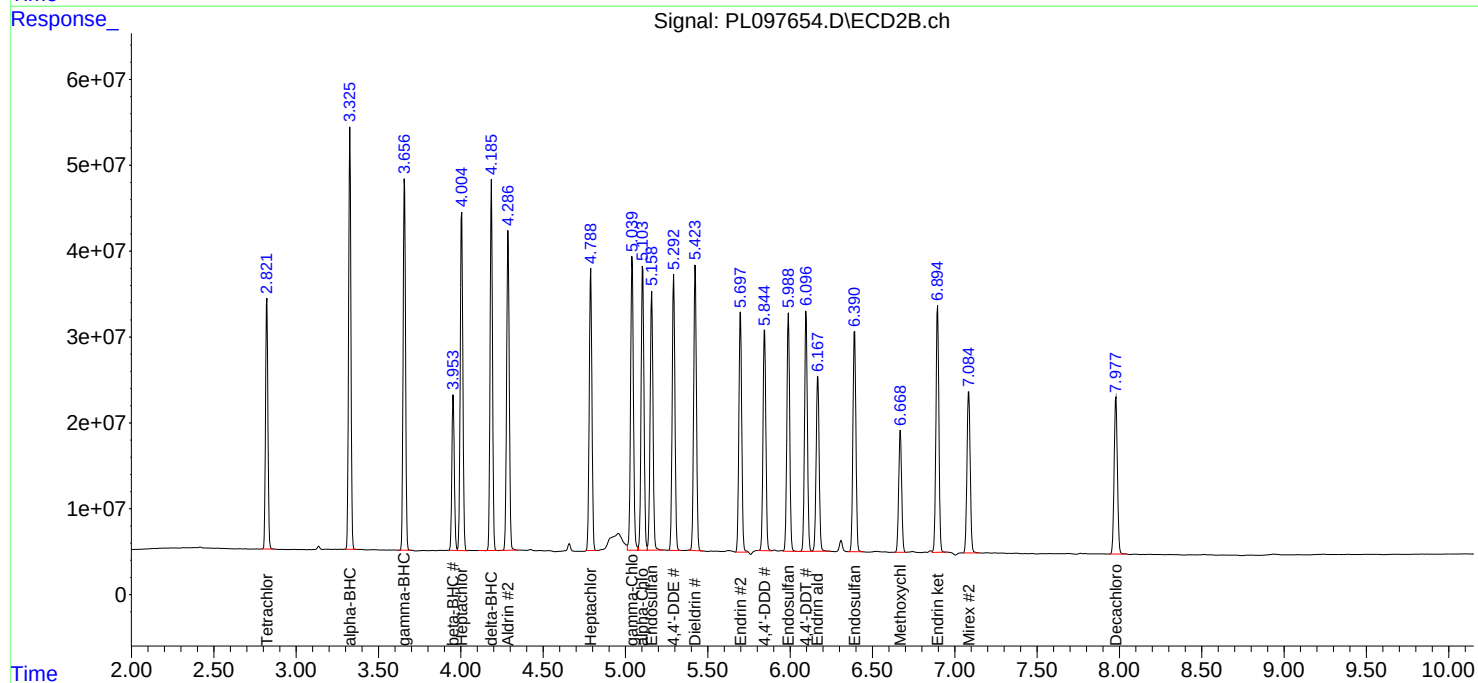
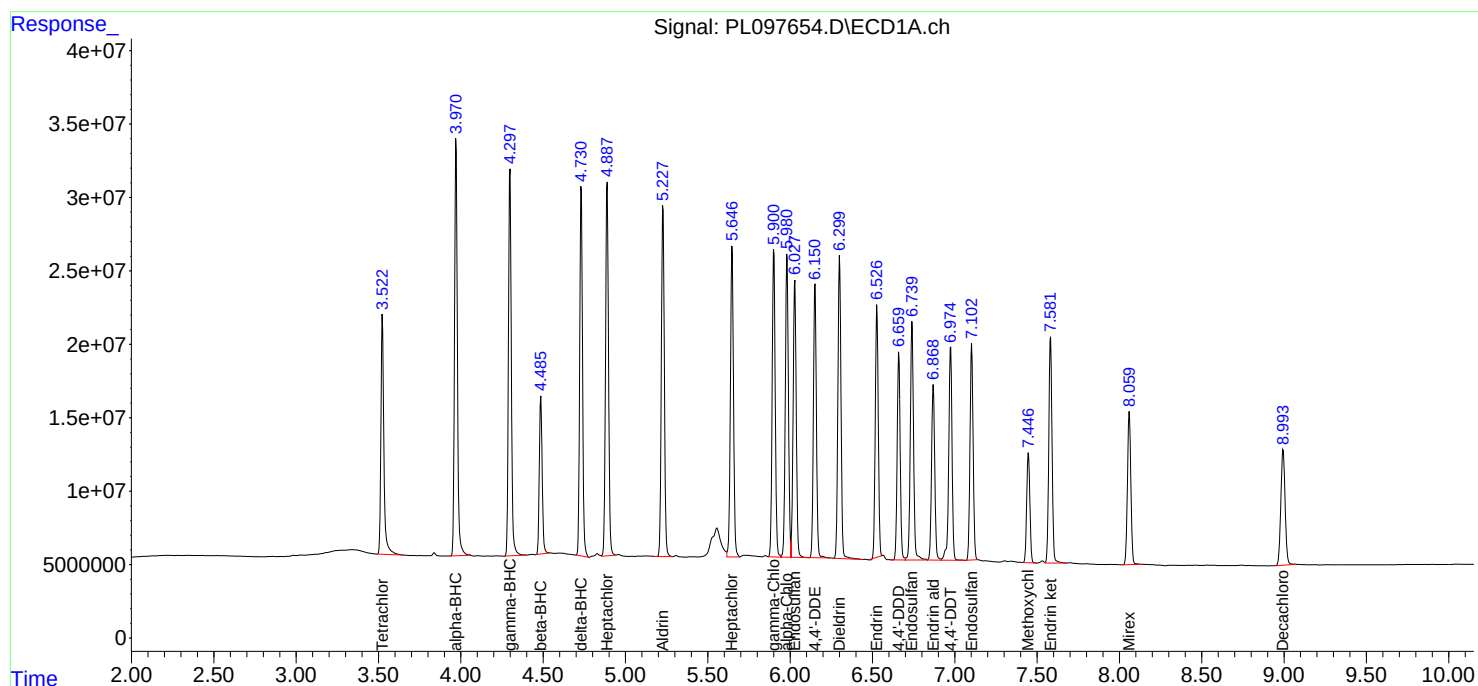
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 18:21
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL102825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 19:24:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 18:35
 Operator : AR\AJ
 Sample : PCHLORICV500
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL102825CHLOR

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 19:26:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.821	181.1E6	331.1E6	44.260	55.002
28)	SA Decachlor...	8.992	7.979	129.3E6	228.4E6	43.461m	42.737
Target Compounds							
23)	Chlordane-1	4.674	3.830	99576381	118.4E6	478.981m	473.923
24)	Chlordane-2	5.198	4.408	106.5E6	133.5E6	472.546	468.338
25)	Chlordane-3	5.901	5.041	403.6E6	416.2E6	484.941	466.754
26)	Chlordane-4	5.986	5.104	492.7E6	363.4E6	485.179	478.640
27)	Chlordane-5	6.822	5.998	81196702	141.4E6	478.869	471.148

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 18:35
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

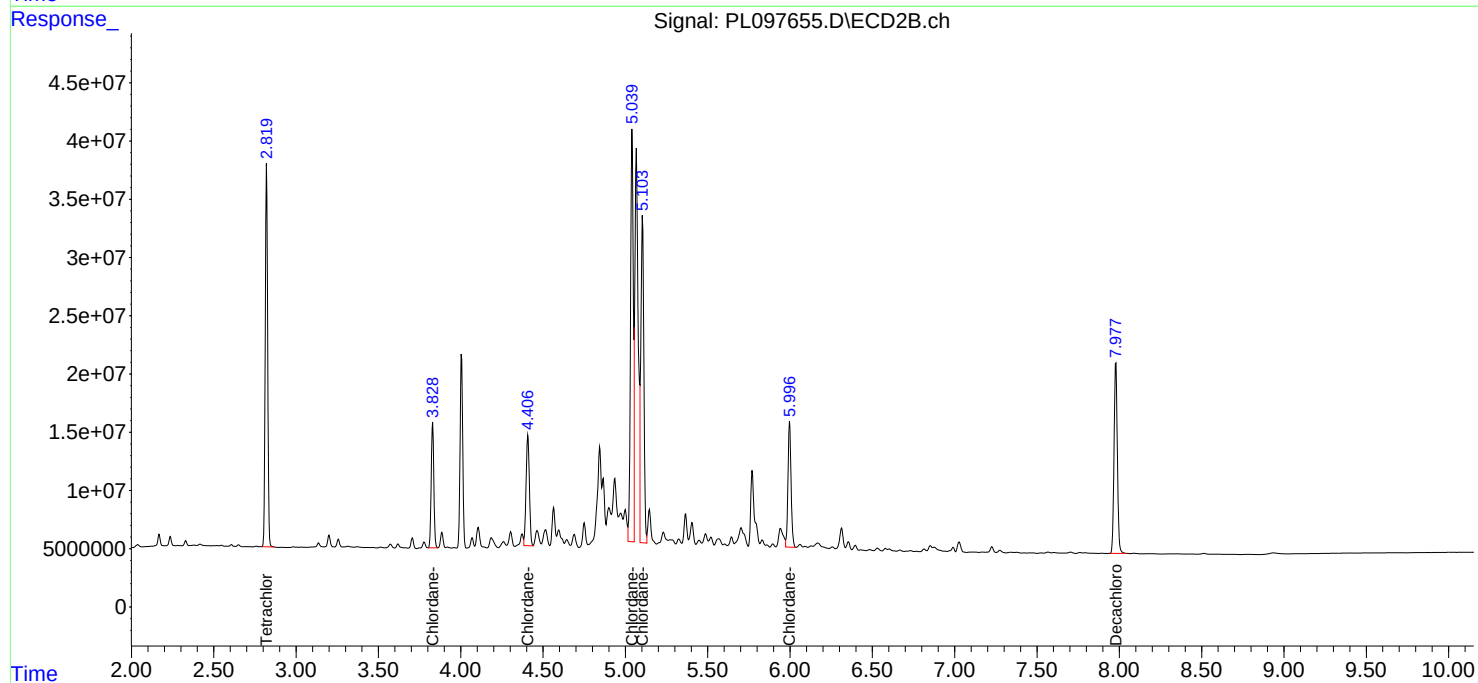
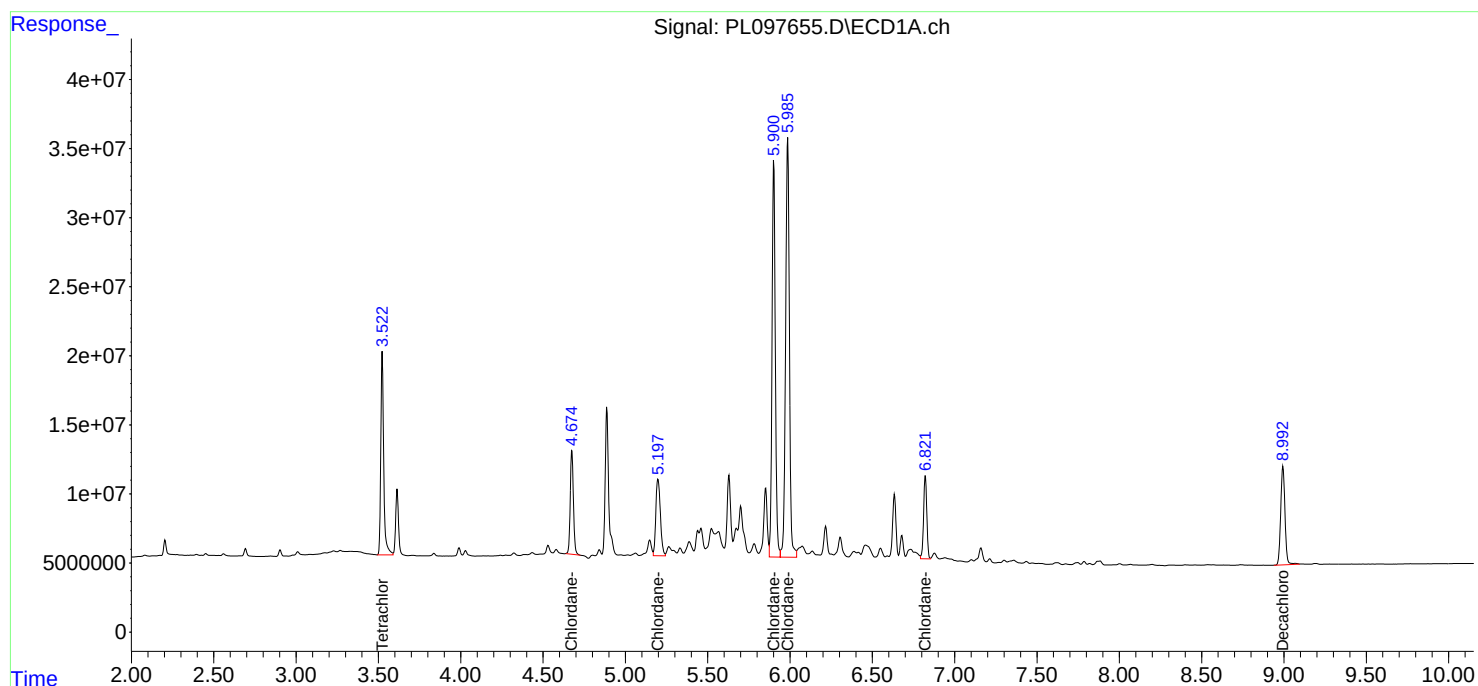
Instrument :
ECD_L
ClientSampleId :
ICVPL102825CHLOR

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/29/2025
Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 19:26:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 18:48
 Operator : AR\AJ
 Sample : PTOXICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL102825TOX

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 19:21:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 19:20:37 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
 Signal #1 Info : 30M x 0.32mm x0.3 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...	3.523	2.821	218.1E6	313.8E6	51.248	51.411
7)	SA Decachlor...	8.994	7.979	152.3E6	279.7E6	48.822	50.084
Target Compounds							
2)	Toxaphene-1	6.197	5.062	21075314	22890431	495.473	547.719
3)	Toxaphene-2	6.596	5.746	15899538	25855146	531.590	507.357
4)	Toxaphene-3	7.009	6.028	72497522	28748672	510.977	513.643
5)	Toxaphene-4	7.099	6.663	52420575	87798488	505.808	509.104
6)	Toxaphene-5	7.876	7.102	36935672	54155599	500.949	506.454

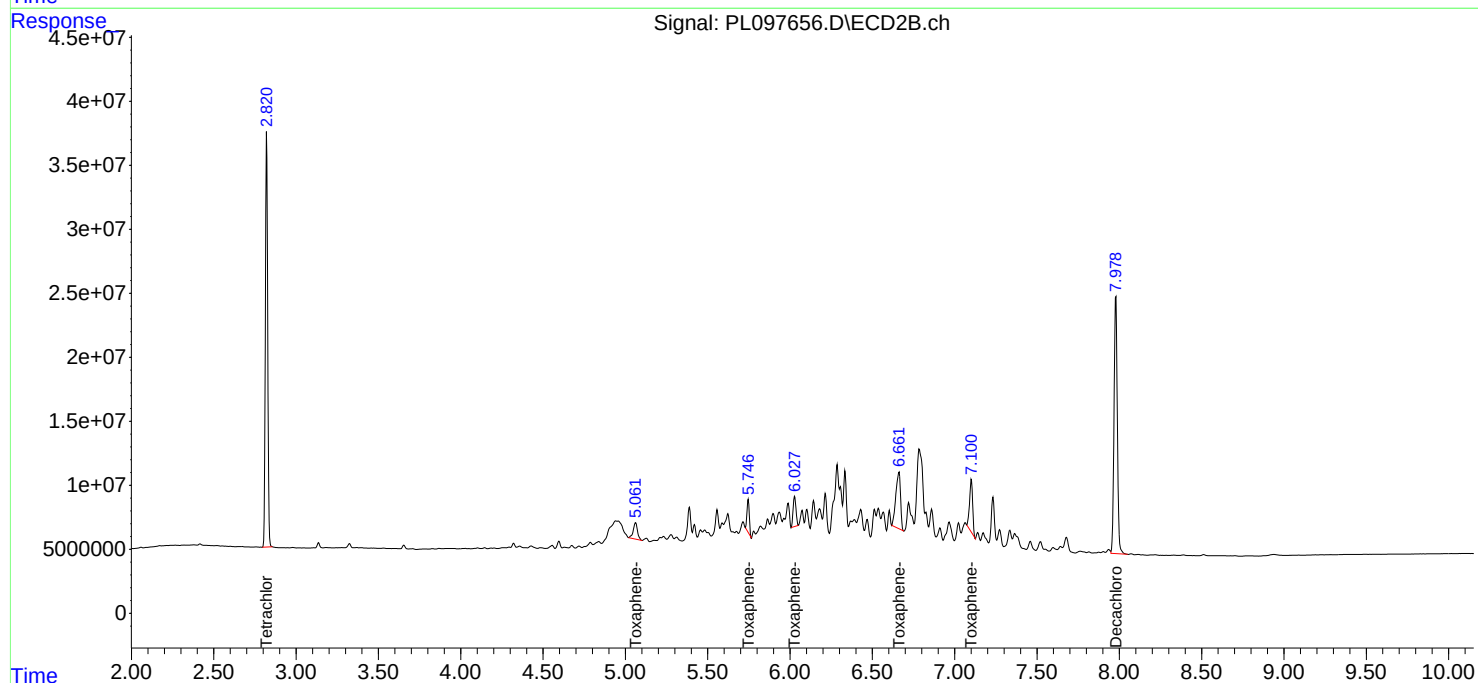
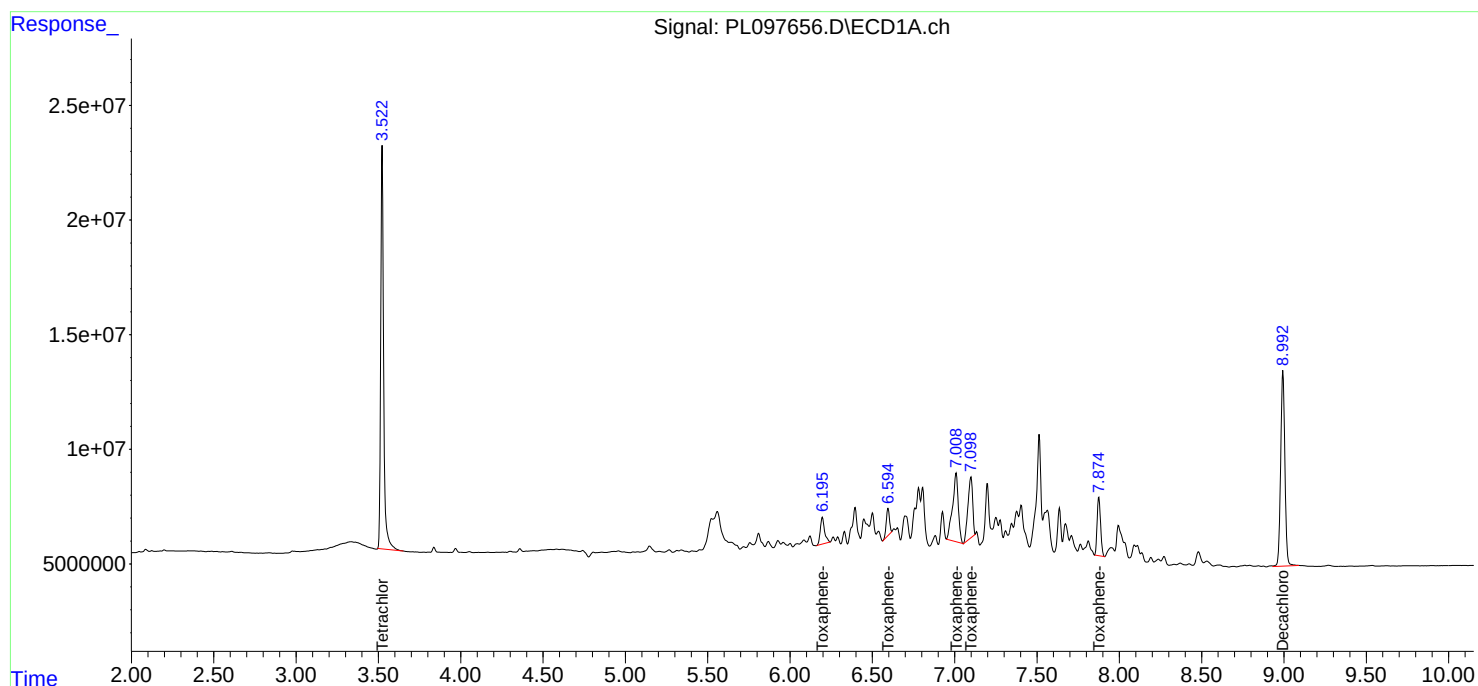
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 18:48
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL102825TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 19:21:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 19:20:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

10/17/2025

Continuing Calib Time: 11:09

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.08	9.06	8.96	9.16	-0.02
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.70	5.68	5.58	5.78	-0.02
Endosulfan I	6.08	6.07	5.97	6.17	-0.01
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Endosulfan II	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
Endosulfan sulfate	7.16	7.15	7.05	7.25	-0.01
4,4'-DDT	7.03	7.02	6.92	7.12	-0.01
Methoxychlor	7.50	7.49	7.39	7.59	-0.01
Endrin ketone	7.64	7.63	7.53	7.73	-0.01
Endrin aldehyde	6.92	6.91	6.81	7.01	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

10/17/2025

Continuing Calib Time: 11:09

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.07	8.06	7.96	8.16	-0.01
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
Aldrin	4.36	4.36	4.26	4.46	0.00
Heptachlor epoxide	4.87	4.86	4.76	4.96	0.00
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.51	5.50	5.40	5.60	-0.01
4,4'-DDE	5.37	5.37	5.27	5.47	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	6.48	6.47	6.37	6.57	-0.01
4,4'-DDT	6.18	6.17	6.07	6.27	-0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.00
Endrin ketone	6.99	6.98	6.88	7.08	-0.01
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	5.12	5.02	5.22	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090926.D **Time Analyzed:** 11:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.712	6.600	6.800	48.540	50.000	-2.9
4,4'-DDE	6.202	6.090	6.290	45.040	50.000	-9.9
4,4'-DDT	7.028	6.915	7.115	51.870	50.000	3.7
Aldrin	5.274	5.164	5.364	45.260	50.000	-9.5
alpha-BHC	4.003	3.894	4.094	45.180	50.000	-9.6
alpha-Chlordane	6.032	5.921	6.121	43.400	50.000	-13.2
beta-BHC	4.522	4.412	4.612	43.330	50.000	-13.3
Decachlorobiphenyl	9.081	8.964	9.164	43.690	50.000	-12.6
delta-BHC	4.770	4.660	4.860	45.000	50.000	-10.0
Dieldrin	6.352	6.240	6.440	46.130	50.000	-7.7
Endosulfan I	6.079	5.968	6.168	45.300	50.000	-9.4
Endosulfan II	6.792	6.681	6.881	46.350	50.000	-7.3
Endosulfan sulfate	7.156	7.045	7.245	45.990	50.000	-8.0
Endrin	6.580	6.468	6.668	46.810	50.000	-6.4
Endrin aldehyde	6.922	6.810	7.010	47.350	50.000	-5.3
Endrin ketone	7.637	7.525	7.725	47.160	50.000	-5.7
gamma-BHC (Lindane)	4.334	4.225	4.425	44.400	50.000	-11.2
gamma-Chlordane	5.951	5.840	6.040	45.120	50.000	-9.8
Heptachlor	4.932	4.823	5.023	56.000	50.000	12.0
Heptachlor epoxide	5.695	5.584	5.784	44.950	50.000	-10.1
Methoxychlor	7.501	7.388	7.588	52.280	50.000	4.6
Tetrachloro-m-xylene	3.552	3.445	3.645	42.890	50.000	-14.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090926.D **Time Analyzed:** 11:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.923	5.821	6.021	50.860	50.000	1.7
4,4'-DDE	5.367	5.266	5.466	50.270	50.000	0.5
4,4'-DDT	6.177	6.074	6.274	57.220	50.000	14.4
Aldrin	4.361	4.261	4.461	49.550	50.000	-0.9
alpha-BHC	3.386	3.287	3.487	49.450	50.000	-1.1
alpha-Chlordane	5.183	5.081	5.281	50.040	50.000	0.1
beta-BHC	4.019	3.919	4.119	48.710	50.000	-2.6
Decachlorobiphenyl	8.066	7.962	8.162	56.820	50.000	13.6
delta-BHC	4.255	4.155	4.355	49.160	50.000	-1.7
Dieldrin	5.506	5.404	5.604	50.670	50.000	1.3
Endosulfan I	5.240	5.138	5.338	48.720	50.000	-2.6
Endosulfan II	6.074	5.972	6.172	52.200	50.000	4.4
Endosulfan sulfate	6.477	6.374	6.574	52.480	50.000	5.0
Endrin	5.783	5.681	5.881	51.560	50.000	3.1
Endrin aldehyde	6.253	6.150	6.350	52.780	50.000	5.6
Endrin ketone	6.985	6.883	7.083	58.590	50.000	17.2
gamma-BHC (Lindane)	3.723	3.623	3.823	49.340	50.000	-1.3
gamma-Chlordane	5.118	5.017	5.217	50.120	50.000	0.2
Heptachlor	4.075	3.975	4.175	51.770	50.000	3.5
Heptachlor epoxide	4.865	4.764	4.964	48.690	50.000	-2.6
Methoxychlor	6.748	6.645	6.845	56.010	50.000	12.0
Tetrachloro-m-xylene	2.873	2.775	2.975	48.290	50.000	-3.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090926.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 11:09
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:52:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.552	2.873	133.6E6	1438.1E6	42.891	48.294
28) SA Decachlor...	9.081	8.066	204.4E6	1721.1E6	43.692	56.817 #
Target Compounds						
2) A alpha-BHC	4.003	3.386	324.3E6	2526.7E6	45.181	49.451
3) MA gamma-BHC...	4.334	3.723	301.9E6	2331.1E6	44.403	49.337
4) MA Heptachlor	4.932	4.075	313.0E6	2309.1E6	55.999	51.771
5) MB Aldrin	5.274	4.361	296.3E6	2295.2E6	45.258	49.552
6) B beta-BHC	4.522	4.019	113.5E6	965.8E6	43.331	48.707
7) B delta-BHC	4.770	4.255	304.3E6	2345.9E6	45.004	49.162
8) B Heptachlo...	5.695	4.865	260.2E6	2076.3E6	44.953	48.695
9) A Endosulfan I	6.079	5.240	250.8E6	1919.1E6	45.305	48.719
10) B gamma-Chl...	5.951	5.118	267.6E6	2252.8E6	45.119	50.118
11) B alpha-Chl...	6.032	5.183	268.2E6	2158.7E6	43.403	50.041
12) B 4,4'-DDE	6.202	5.367	239.9E6	2203.9E6	45.037	50.273
13) MA Dieldrin	6.352	5.506	269.0E6	2238.9E6	46.129	50.673
14) MA Endrin	6.580	5.783	231.9E6	2087.9E6	46.814	51.560
15) B Endosulfa...	6.792	6.074	231.7E6	1960.3E6	46.347	52.198
16) A 4,4'-DDD	6.712	5.923	196.8E6	1853.2E6	48.537	50.859
17) MA 4,4'-DDT	7.028	6.177	213.2E6	2007.0E6	51.870	57.224
18) B Endrin al...	6.922	6.253	173.4E6	1461.6E6	47.354	52.779
19) B Endosulfa...	7.156	6.477	213.3E6	1881.2E6	45.991	52.482
20) A Methoxychlor	7.501	6.748	111.1E6	976.1E6	52.282	56.005
21) B Endrin ke...	7.637	6.985	229.1E6	2209.8E6	47.156	58.587m
22) Mirex	8.120	7.179	148.4E6	1420.5E6	46.358	55.292

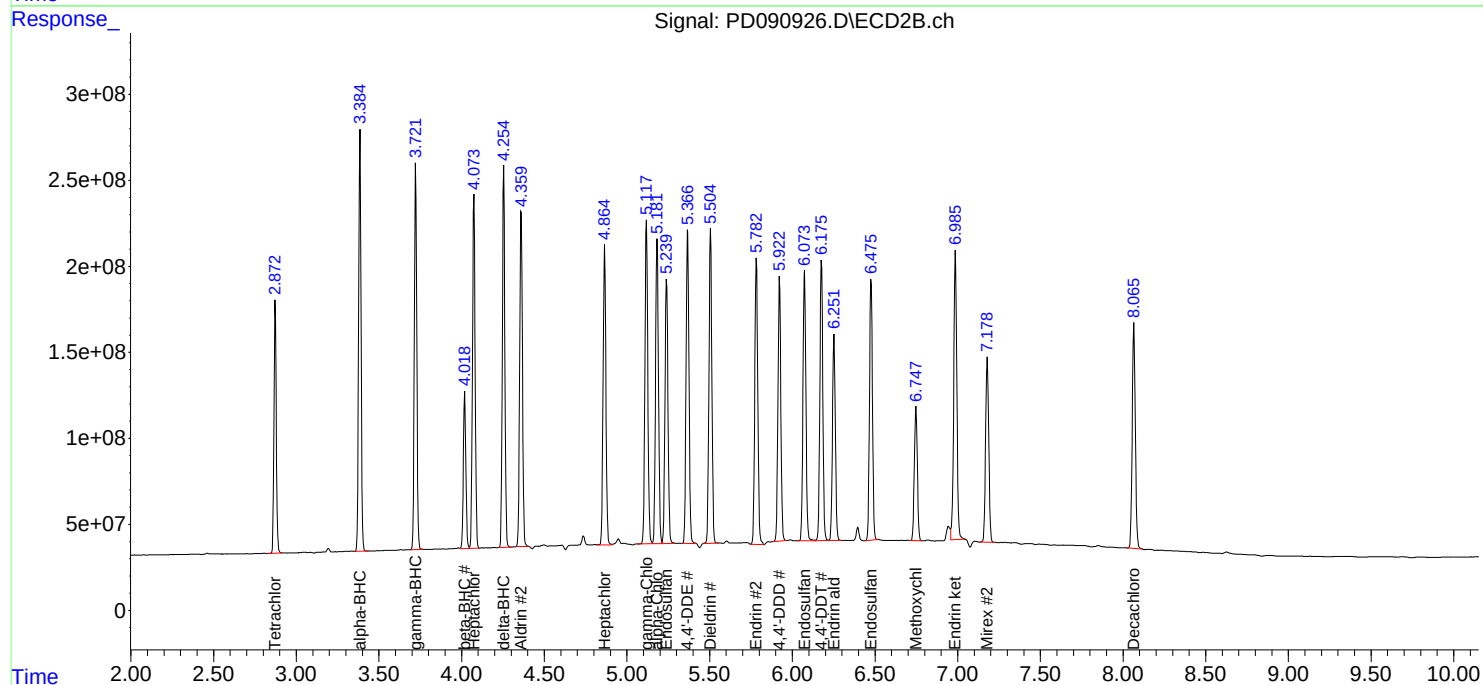
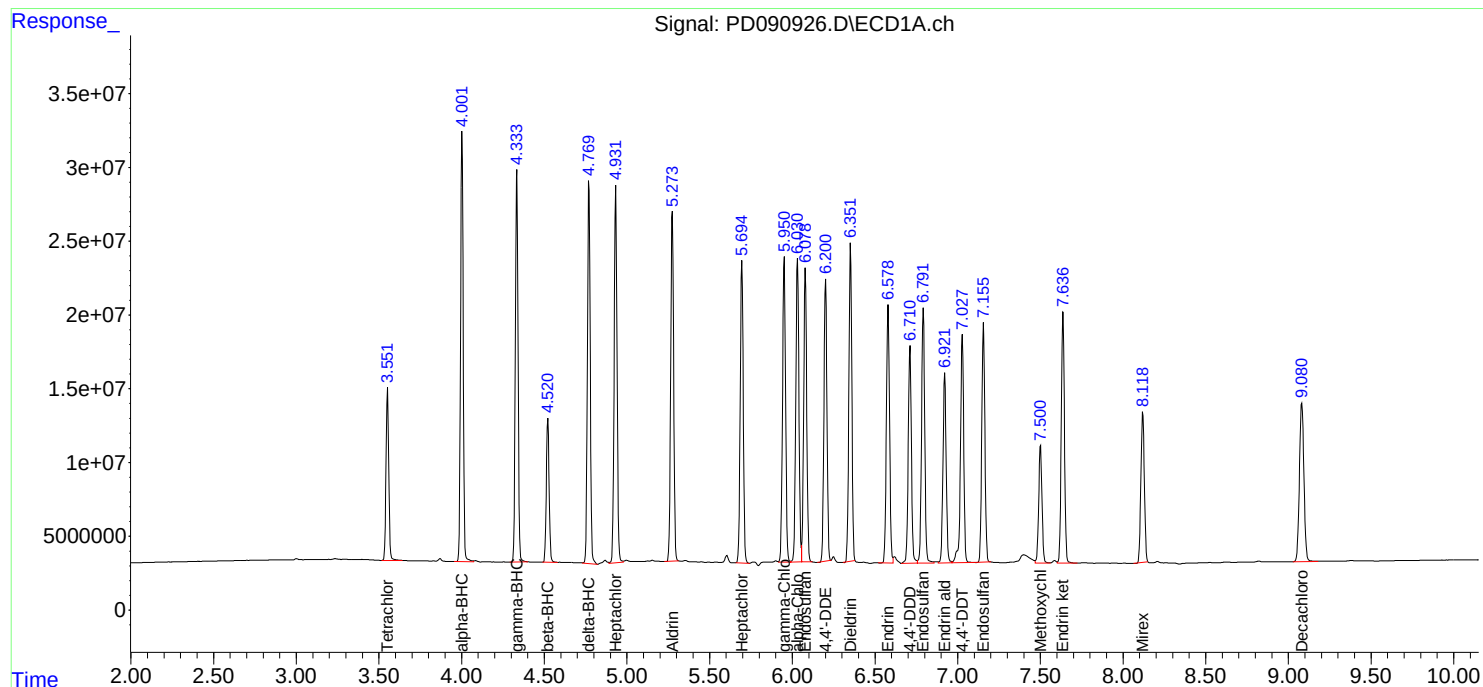
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 11:09
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

10/17/2025

Continuing Calib Time: 16:01

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	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)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Aldrin	5.27	5.26	5.16	5.36	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
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	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	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: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

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

10/17/2025

Continuing Calib Time: 16:01

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.01
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	5.51	5.50	5.40	5.60	-0.01
4,4'-DDE	5.37	5.37	5.27	5.47	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	6.75	6.75	6.65	6.85	0.01
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	5.12	5.02	5.22	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090933.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.702	6.600	6.800	46.530	50.000	-6.9
4,4'-DDE	6.192	6.090	6.290	43.680	50.000	-12.6
4,4'-DDT	7.018	6.915	7.115	50.220	50.000	0.4
Aldrin	5.265	5.164	5.364	44.350	50.000	-11.3
alpha-BHC	3.995	3.894	4.094	44.810	50.000	-10.4
alpha-Chlordane	6.022	5.921	6.121	42.650	50.000	-14.7
beta-BHC	4.513	4.412	4.612	43.330	50.000	-13.3
Decachlorobiphenyl	9.070	8.964	9.164	42.870	50.000	-14.3
delta-BHC	4.761	4.660	4.860	43.970	50.000	-12.1
Dieldrin	6.343	6.240	6.440	45.000	50.000	-10.0
Endosulfan I	6.070	5.968	6.168	44.180	50.000	-11.6
Endosulfan II	6.783	6.681	6.881	44.920	50.000	-10.2
Endosulfan sulfate	7.147	7.045	7.245	44.700	50.000	-10.6
Endrin	6.570	6.468	6.668	45.550	50.000	-8.9
Endrin aldehyde	6.912	6.810	7.010	46.010	50.000	-8.0
Endrin ketone	7.628	7.525	7.725	45.830	50.000	-8.3
gamma-BHC (Lindane)	4.326	4.225	4.425	44.280	50.000	-11.4
gamma-Chlordane	5.942	5.840	6.040	43.940	50.000	-12.1
Heptachlor	4.924	4.823	5.023	54.600	50.000	9.2
Heptachlor epoxide	5.686	5.584	5.784	44.780	50.000	-10.4
Methoxychlor	7.491	7.388	7.588	50.720	50.000	1.4
Tetrachloro-m-xylene	3.545	3.445	3.645	43.080	50.000	-13.8



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090933.D **Time Analyzed:** 16:01

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.921	5.821	6.021	50.070	50.000	0.1
4,4'-DDE	5.366	5.266	5.466	49.650	50.000	-0.7
4,4'-DDT	6.174	6.074	6.274	56.020	50.000	12.0
Aldrin	4.360	4.261	4.461	49.190	50.000	-1.6
alpha-BHC	3.386	3.287	3.487	48.830	50.000	-2.3
alpha-Chlordane	5.181	5.081	5.281	49.170	50.000	-1.7
beta-BHC	4.019	3.919	4.119	48.210	50.000	-3.6
Decachlorobiphenyl	8.062	7.962	8.162	56.070	50.000	12.1
delta-BHC	4.255	4.155	4.355	48.750	50.000	-2.5
Dieldrin	5.505	5.404	5.604	50.000	50.000	0.0
Endosulfan I	5.238	5.138	5.338	47.980	50.000	-4.0
Endosulfan II	6.072	5.972	6.172	50.960	50.000	1.9
Endosulfan sulfate	6.474	6.374	6.574	51.370	50.000	2.7
Endrin	5.781	5.681	5.881	51.480	50.000	3.0
Endrin aldehyde	6.251	6.150	6.350	51.790	50.000	3.6
Endrin ketone	6.983	6.883	7.083	56.530	50.000	13.1
gamma-BHC (Lindane)	3.723	3.623	3.823	48.820	50.000	-2.4
gamma-Chlordane	5.117	5.017	5.217	49.240	50.000	-1.5
Heptachlor	4.075	3.975	4.175	51.650	50.000	3.3
Heptachlor epoxide	4.864	4.764	4.964	48.020	50.000	-4.0
Methoxychlor	6.745	6.645	6.845	56.430	50.000	12.9
Tetrachloro-m-xylene	2.874	2.775	2.975	47.690	50.000	-4.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 16:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:54:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.874	134.2E6	1420.1E6	43.079	47.690
28) SA Decachlor...	9.070	8.062	200.5E6	1698.4E6	42.866	56.069 #
Target Compounds						
2) A alpha-BHC	3.995	3.386	321.6E6	2495.0E6	44.814	48.830
3) MA gamma-BHC...	4.326	3.723	301.0E6	2306.7E6	44.277	48.821
4) MA Heptachlor	4.924	4.075	305.2E6	2303.9E6	54.597	51.653
5) MB Aldrin	5.265	4.360	290.4E6	2278.3E6	44.355	49.188
6) B beta-BHC	4.513	4.019	113.5E6	956.0E6	43.332	48.209
7) B delta-BHC	4.761	4.255	297.3E6	2326.3E6	43.970	48.753
8) B Heptachlo...	5.686	4.864	259.2E6	2047.5E6	44.776	48.020
9) A Endosulfan I	6.070	5.238	244.6E6	1890.1E6	44.178	47.984
10) B gamma-Chl...	5.942	5.117	260.6E6	2213.1E6	43.939	49.237
11) B alpha-Chl...	6.022	5.181	263.6E6	2121.0E6	42.645	49.168
12) B 4,4'-DDE	6.192	5.366	232.7E6	2176.7E6	43.682	49.653
13) MA Dieldrin	6.343	5.505	262.4E6	2209.1E6	45.001	49.997
14) MA Endrin	6.570	5.781	225.6E6	2084.6E6	45.548	51.479
15) B Endosulfa...	6.783	6.072	224.6E6	1913.8E6	44.920	50.959
16) A 4,4'-DDD	6.702	5.921	188.6E6	1824.6E6	46.531	50.074
17) MA 4,4'-DDT	7.018	6.174	206.4E6	1964.8E6	50.219	56.019
18) B Endrin al...	6.912	6.251	168.5E6	1434.2E6	46.008	51.788
19) B Endosulfa...	7.147	6.474	207.3E6	1841.4E6	44.703	51.370
20) A Methoxychlor	7.491	6.745	107.8E6	983.5E6	50.724	56.430
21) B Endrin ke...	7.628	6.983	222.7E6	2132.0E6	45.828	56.525m
22) Mirex	8.111	7.176	146.7E6	1394.8E6	45.816	54.293

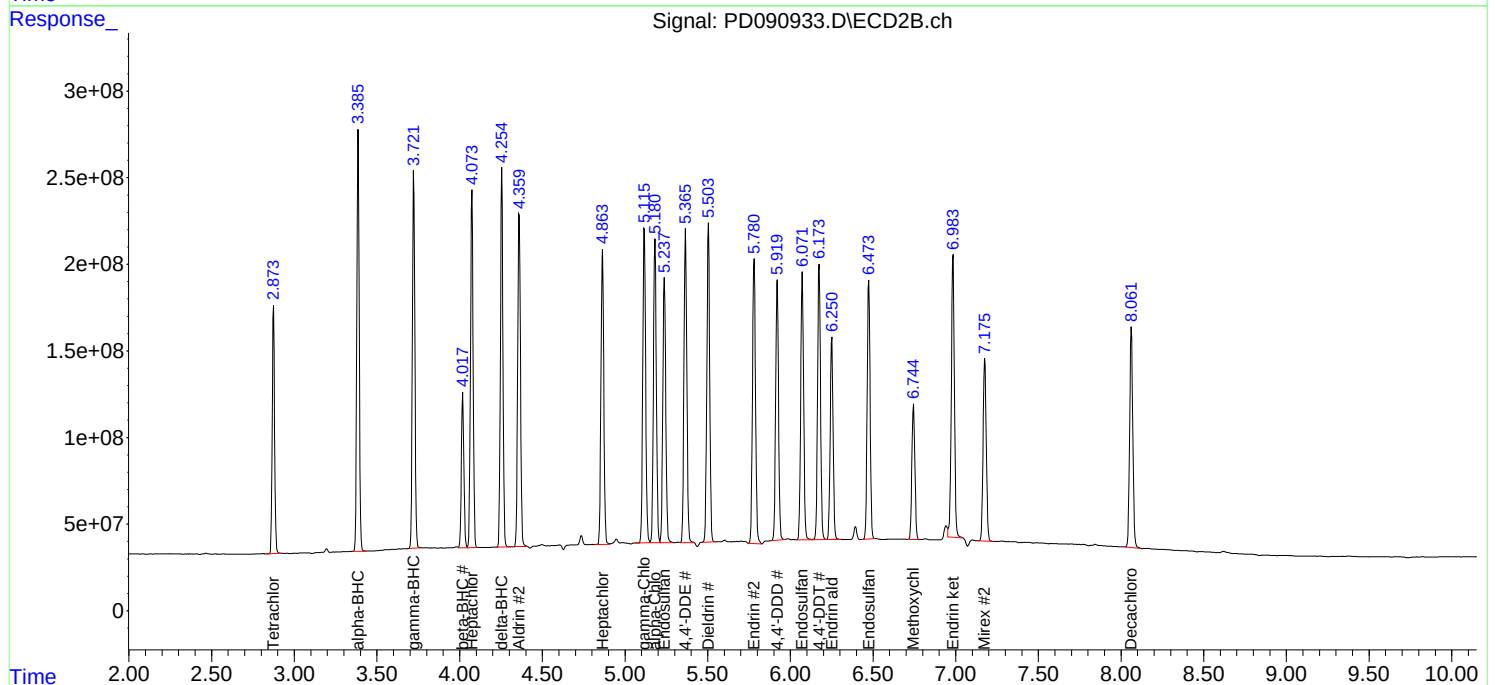
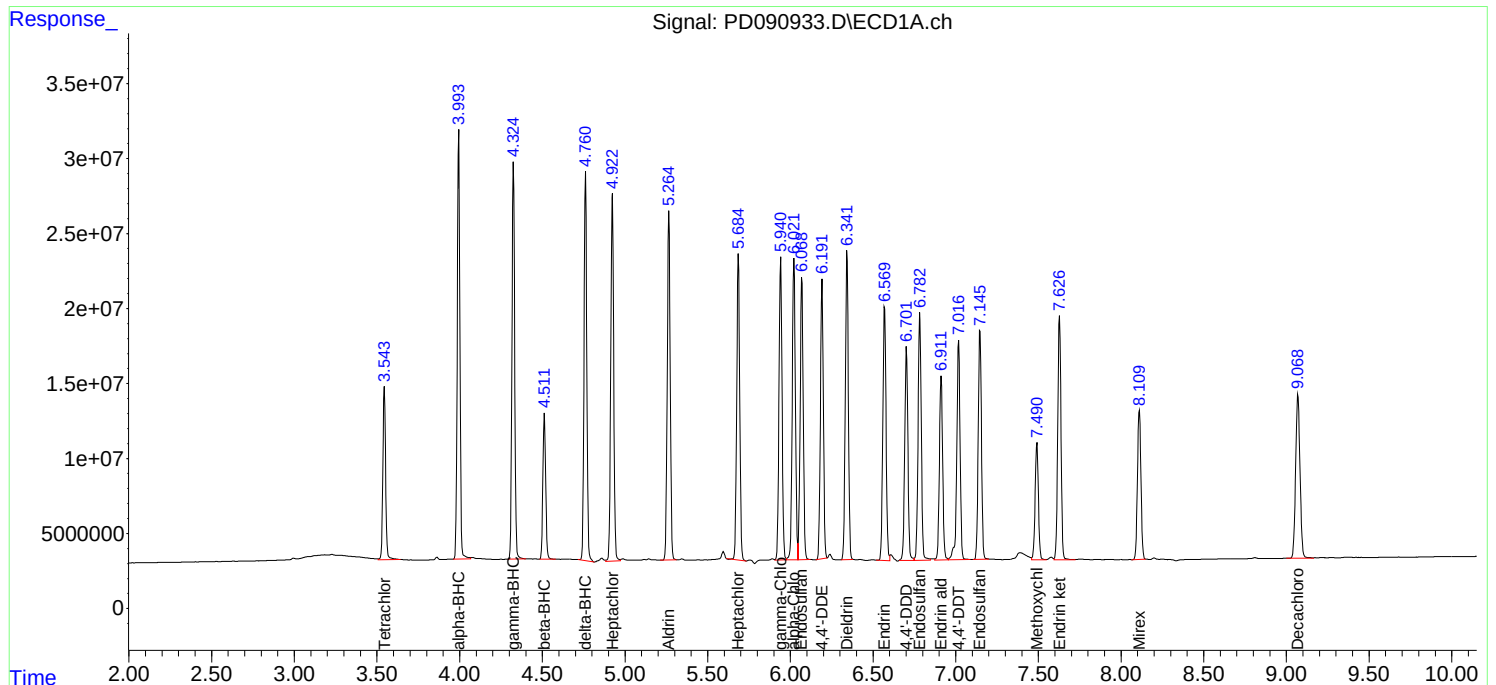
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 16:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 11/04/2025

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

10/17/2025

Continuing Calib Time: 13:29

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.06	8.96	9.16	-0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	3.99	3.89	4.09	-0.01
beta-BHC	4.52	4.51	4.41	4.61	-0.01
delta-BHC	4.77	4.76	4.66	4.86	-0.01
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.92	4.82	5.02	-0.01
Aldrin	5.27	5.26	5.16	5.36	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endosulfan I	6.07	6.07	5.97	6.17	0.00
Dieldrin	6.35	6.34	6.24	6.44	-0.01
4,4'-DDE	6.20	6.19	6.09	6.29	-0.01
Endrin	6.58	6.57	6.47	6.67	0.00
Endosulfan II	6.79	6.78	6.68	6.88	-0.01
4,4'-DDD	6.71	6.70	6.60	6.80	-0.01
Endosulfan sulfate	7.15	7.15	7.05	7.25	0.00
4,4'-DDT	7.02	7.02	6.92	7.12	0.00
Methoxychlor	7.50	7.49	7.39	7.59	0.00
Endrin ketone	7.63	7.63	7.53	7.73	0.00
Endrin aldehyde	6.92	6.91	6.81	7.01	-0.01
alpha-Chlordane	6.03	6.02	5.92	6.12	-0.01
gamma-Chlordane	5.95	5.94	5.84	6.04	-0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 11/04/2025

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

10/17/2025

Continuing Calib Time: 13:29

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
alpha-BHC	3.39	3.39	3.29	3.49	0.00
beta-BHC	4.02	4.02	3.92	4.12	0.00
delta-BHC	4.26	4.26	4.16	4.36	0.00
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.37	5.37	5.27	5.47	0.01
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	6.75	6.75	6.65	6.85	0.01
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	5.12	5.02	5.22	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/04/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090949.D **Time Analyzed:** 13:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.706	6.600	6.800	51.660	50.000	3.3
4,4'-DDE	6.197	6.090	6.290	48.680	50.000	-2.6
4,4'-DDT	7.022	6.915	7.115	48.520	50.000	-3.0
Aldrin	5.270	5.164	5.364	52.900	50.000	5.8
alpha-BHC	4.000	3.894	4.094	55.710	50.000	11.4
alpha-Chlordane	6.027	5.921	6.121	47.950	50.000	-4.1
beta-BHC	4.519	4.412	4.612	51.550	50.000	3.1
Decachlorobiphenyl	9.074	8.964	9.164	43.990	50.000	-12.0
delta-BHC	4.767	4.660	4.860	54.270	50.000	8.5
Dieldrin	6.347	6.240	6.440	50.090	50.000	0.2
Endosulfan I	6.074	5.968	6.168	49.820	50.000	-0.4
Endosulfan II	6.787	6.681	6.881	48.630	50.000	-2.7
Endosulfan sulfate	7.151	7.045	7.245	45.780	50.000	-8.4
Endrin	6.575	6.468	6.668	49.110	50.000	-1.8
Endrin aldehyde	6.917	6.810	7.010	45.580	50.000	-8.8
Endrin ketone	7.631	7.525	7.725	47.380	50.000	-5.2
gamma-BHC (Lindane)	4.332	4.225	4.425	54.710	50.000	9.4
gamma-Chlordane	5.947	5.840	6.040	50.180	50.000	0.4
Heptachlor	4.929	4.823	5.023	66.730	50.000	33.5
Heptachlor epoxide	5.690	5.584	5.784	49.950	50.000	-0.1
Methoxychlor	7.495	7.388	7.588	50.020	50.000	0.0
Tetrachloro-m-xylene	3.551	3.445	3.645	51.620	50.000	3.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 11/04/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090949.D **Time Analyzed:** 13:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.920	5.821	6.021	47.850	50.000	-4.3
4,4'-DDE	5.365	5.266	5.466	49.430	50.000	-1.1
4,4'-DDT	6.174	6.074	6.274	48.230	50.000	-3.5
Aldrin	4.359	4.261	4.461	52.620	50.000	5.2
alpha-BHC	3.386	3.287	3.487	53.750	50.000	7.5
alpha-Chlordane	5.181	5.081	5.281	50.060	50.000	0.1
beta-BHC	4.018	3.919	4.119	52.130	50.000	4.3
Decachlorobiphenyl	8.062	7.962	8.162	37.880	50.000	-24.2
delta-BHC	4.255	4.155	4.355	52.950	50.000	5.9
Dieldrin	5.503	5.404	5.604	49.200	50.000	-1.6
Endosulfan I	5.238	5.138	5.338	48.710	50.000	-2.6
Endosulfan II	6.072	5.972	6.172	47.370	50.000	-5.3
Endosulfan sulfate	6.474	6.374	6.574	43.940	50.000	-12.1
Endrin	5.780	5.681	5.881	47.270	50.000	-5.5
Endrin aldehyde	6.250	6.150	6.350	44.960	50.000	-10.1
Endrin ketone	6.983	6.883	7.083	40.460	50.000	-19.1
gamma-BHC (Lindane)	3.722	3.623	3.823	53.140	50.000	6.3
gamma-Chlordane	5.116	5.017	5.217	50.480	50.000	1.0
Heptachlor	4.074	3.975	4.175	55.600	50.000	11.2
Heptachlor epoxide	4.864	4.764	4.964	51.470	50.000	2.9
Methoxychlor	6.745	6.645	6.845	43.330	50.000	-13.3
Tetrachloro-m-xylene	2.874	2.775	2.975	53.000	50.000	6.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 13:29
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:32:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

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

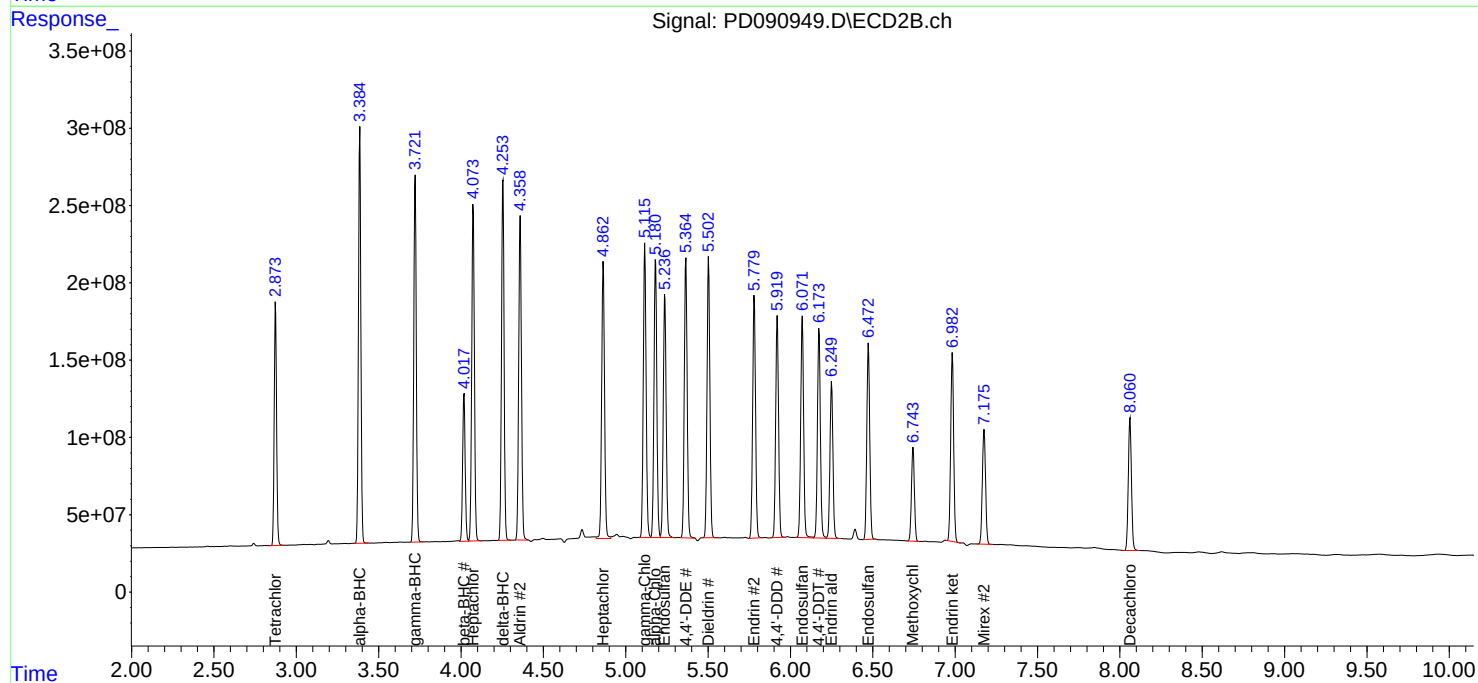
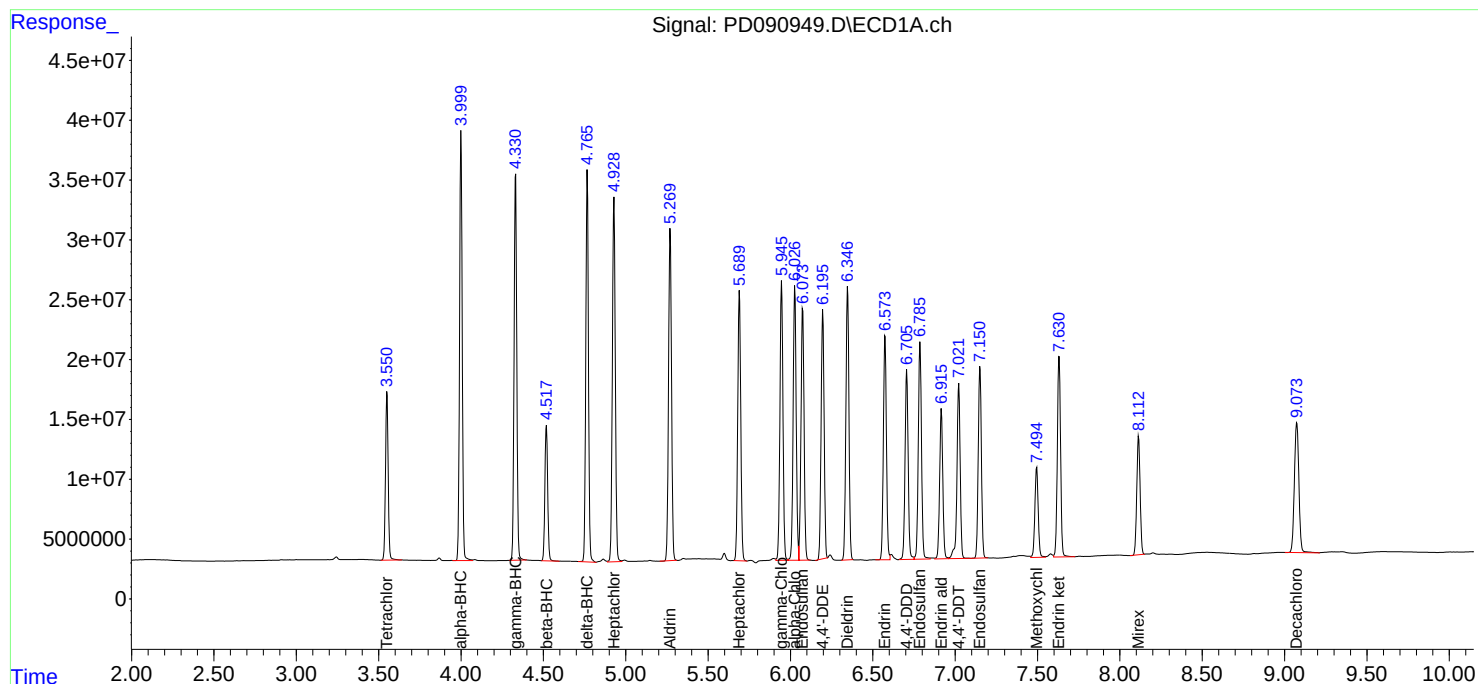
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:29
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:32:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 11/04/2025

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

10/17/2025

Continuing Calib Time: 16:44

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.55	3.45	3.65	0.01
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	4.33	4.23	4.43	0.01
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	7.15	7.05	7.25	0.01
4,4'-DDT	7.02	7.02	6.92	7.12	0.01
Methoxychlor	7.49	7.49	7.39	7.59	0.00
Endrin ketone	7.62	7.63	7.53	7.73	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: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 11/04/2025

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

10/17/2025

Continuing Calib Time: 16:44

Initial Calibration Time(s): 11:34

12:28

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	2.78	2.98	0.01
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	4.26	4.16	4.36	0.01
gamma-BHC (Lindane)	3.72	3.72	3.62	3.82	0.00
Heptachlor	4.07	4.08	3.98	4.18	0.01
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	5.37	5.27	5.47	0.01
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	6.75	6.65	6.85	0.01
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	5.12	5.02	5.22	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: REMI02

Lab Code: ACE SDG NO.: Q3495

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

Client Sample No.: CCAL04 Date Analyzed: 11/04/2025

Lab Sample No.: PSTDCCC050 Data File : PD090957.D Time Analyzed: 16:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.699	6.600	6.800	56.440	50.000	12.9
4,4'-DDE	6.189	6.090	6.290	53.890	50.000	7.8
4,4'-DDT	7.015	6.915	7.115	53.170	50.000	6.3
Aldrin	5.263	5.164	5.364	54.610	50.000	9.2
alpha-BHC	3.993	3.894	4.094	55.760	50.000	11.5
alpha-Chlordane	6.020	5.921	6.121	52.830	50.000	5.7
beta-BHC	4.511	4.412	4.612	53.250	50.000	6.5
Decachlorobiphenyl	9.064	8.964	9.164	48.210	50.000	-3.6
delta-BHC	4.760	4.660	4.860	55.270	50.000	10.5
Dieldrin	6.340	6.240	6.440	55.040	50.000	10.1
Endosulfan I	6.067	5.968	6.168	54.280	50.000	8.6
Endosulfan II	6.780	6.681	6.881	52.890	50.000	5.8
Endosulfan sulfate	7.143	7.045	7.245	51.440	50.000	2.9
Endrin	6.567	6.468	6.668	54.530	50.000	9.1
Endrin aldehyde	6.909	6.810	7.010	51.240	50.000	2.5
Endrin ketone	7.624	7.525	7.725	51.440	50.000	2.9
gamma-BHC (Lindane)	4.324	4.225	4.425	55.080	50.000	10.2
gamma-Chlordane	5.939	5.840	6.040	53.960	50.000	7.9
Heptachlor	4.922	4.823	5.023	66.530	50.000	33.1
Heptachlor epoxide	5.683	5.584	5.784	54.960	50.000	9.9
Methoxychlor	7.487	7.388	7.588	52.810	50.000	5.6
Tetrachloro-m-xylene	3.544	3.445	3.645	52.920	50.000	5.8



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/17/2025 10/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 11/04/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD090957.D **Time Analyzed:** 16:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.918	5.821	6.021	54.300	50.000	8.6
4,4'-DDE	5.364	5.266	5.466	52.910	50.000	5.8
4,4'-DDT	6.172	6.074	6.274	52.000	50.000	4.0
Aldrin	4.359	4.261	4.461	52.640	50.000	5.3
alpha-BHC	3.385	3.287	3.487	53.410	50.000	6.8
alpha-Chlordane	5.180	5.081	5.281	52.490	50.000	5.0
beta-BHC	4.018	3.919	4.119	52.430	50.000	4.9
Decachlorobiphenyl	8.060	7.962	8.162	46.000	50.000	-8.0
delta-BHC	4.254	4.155	4.355	53.330	50.000	6.7
Dieldrin	5.502	5.404	5.604	53.290	50.000	6.6
Endosulfan I	5.236	5.138	5.338	51.070	50.000	2.1
Endosulfan II	6.070	5.972	6.172	52.170	50.000	4.3
Endosulfan sulfate	6.472	6.374	6.574	50.680	50.000	1.4
Endrin	5.778	5.681	5.881	53.220	50.000	6.4
Endrin aldehyde	6.248	6.150	6.350	50.540	50.000	1.1
Endrin ketone	6.980	6.883	7.083	49.200	50.000	-1.6
gamma-BHC (Lindane)	3.722	3.623	3.823	53.100	50.000	6.2
gamma-Chlordane	5.115	5.017	5.217	52.640	50.000	5.3
Heptachlor	4.073	3.975	4.175	55.570	50.000	11.1
Heptachlor epoxide	4.862	4.764	4.964	51.570	50.000	3.1
Methoxychlor	6.742	6.645	6.845	51.400	50.000	2.8
Tetrachloro-m-xylene	2.874	2.775	2.975	52.660	50.000	5.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 16:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:34:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

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

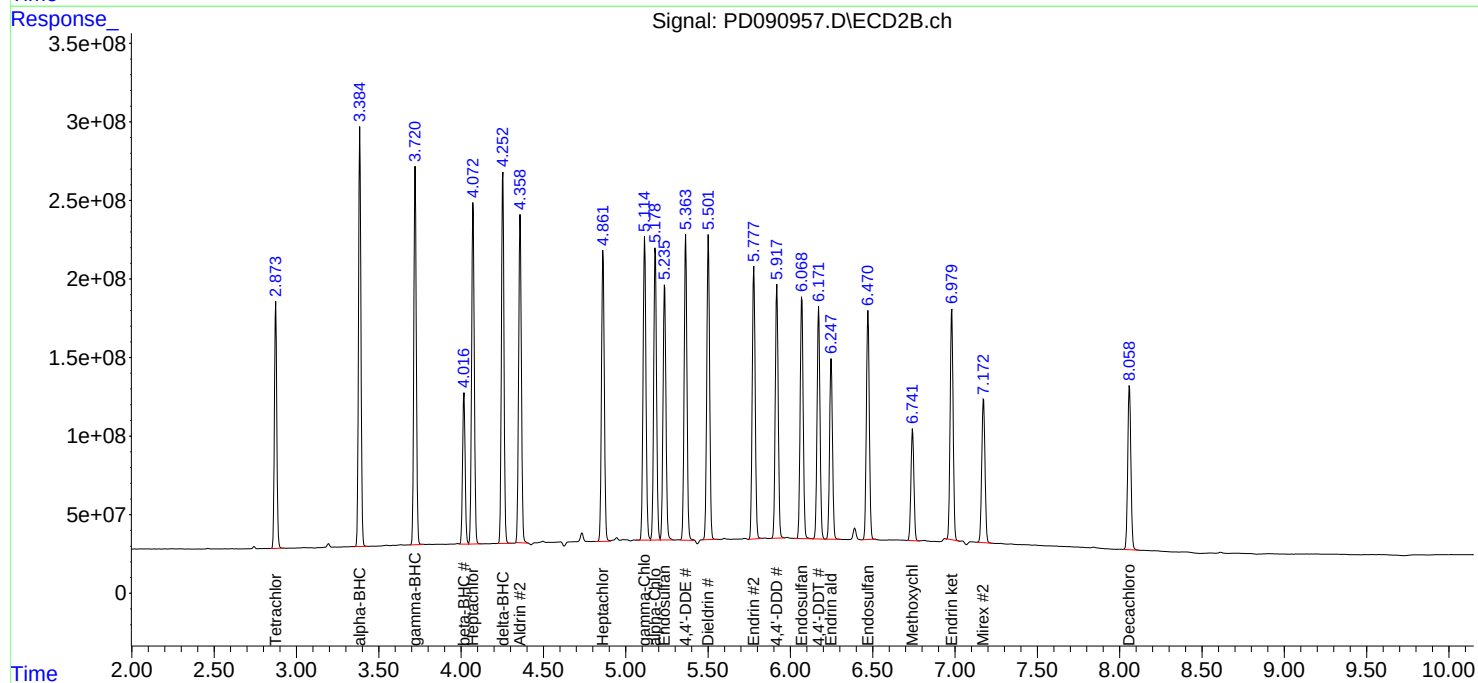
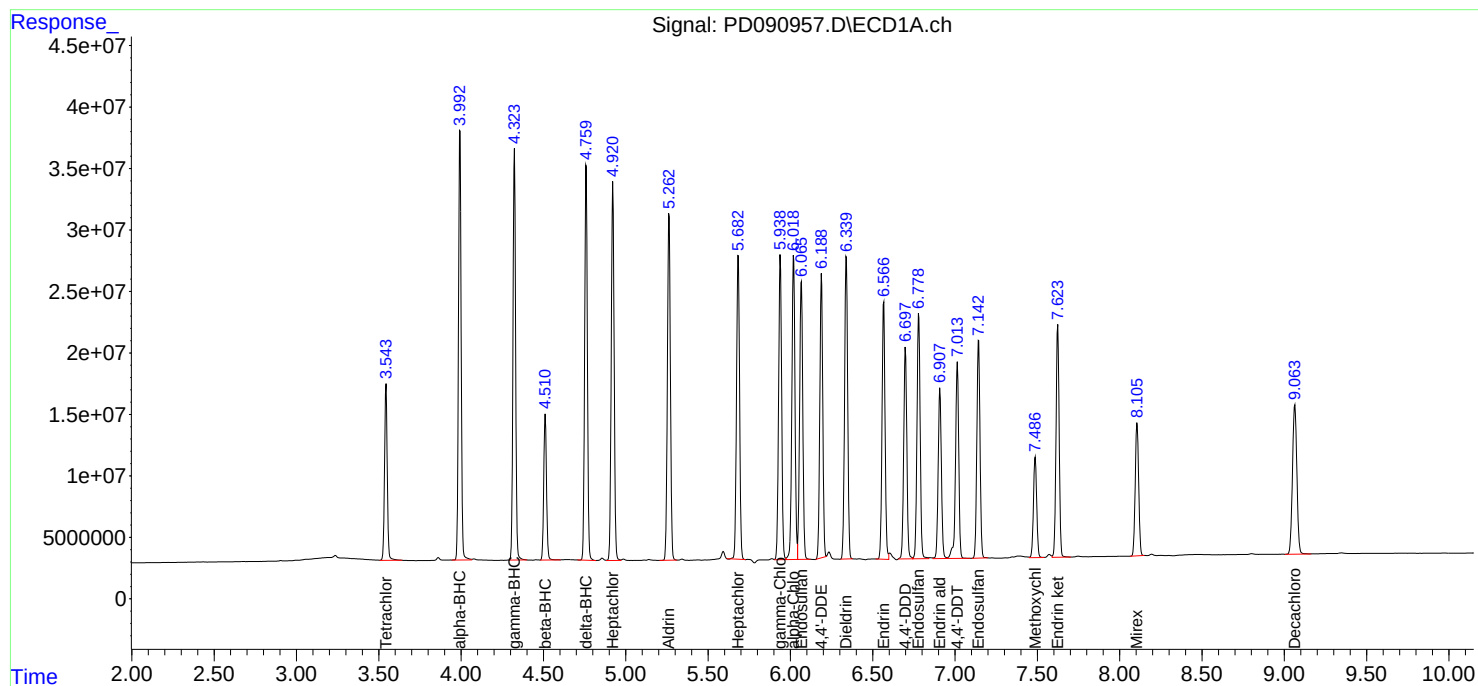
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:34:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/28/2025

10/28/2025

Continuing Calib Time: 11:02

Initial Calibration Time(s): 14:57

15:52

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.01	8.99	8.89	9.09	-0.02
Tetrachloro-m-xylene	3.52	3.52	3.42	3.62	0.00
alpha-BHC	3.97	3.97	3.87	4.07	0.00
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.73	4.63	4.83	0.00
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.31	6.30	6.20	6.40	-0.01
4,4'-DDE	6.16	6.15	6.05	6.25	-0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.75	6.74	6.64	6.84	-0.01
4,4'-DDD	6.67	6.66	6.56	6.76	0.00
Endosulfan sulfate	7.11	7.10	7.00	7.20	-0.01
4,4'-DDT	6.98	6.97	6.87	7.07	-0.01
Methoxychlor	7.46	7.45	7.35	7.55	0.00
Endrin ketone	7.59	7.58	7.48	7.68	-0.01
Endrin aldehyde	6.88	6.87	6.77	6.97	-0.01
alpha-Chlordane	5.99	5.98	5.88	6.08	-0.01
gamma-Chlordane	5.90	5.90	5.80	6.00	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/28/2025

10/28/2025

Continuing Calib Time: 11:02

Initial Calibration Time(s): 14:57

15:52

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.32	3.33	3.23	3.43	0.01
beta-BHC	3.95	3.95	3.85	4.05	0.00
delta-BHC	4.19	4.19	4.09	4.29	0.01
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.01
Heptachlor	4.00	4.01	3.91	4.11	0.01
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.42	5.32	5.52	0.00
4,4'-DDE	5.29	5.29	5.19	5.39	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	5.99	5.89	6.09	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.39	6.29	6.49	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.10	5.10	5.00	5.20	0.00
gamma-Chlordane	5.04	5.04	4.94	5.14	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097701.D **Time Analyzed:** 11:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.665	6.560	6.760	56.430	50.000	12.9
4,4'-DDE	6.156	6.051	6.251	56.430	50.000	12.9
4,4'-DDT	6.981	6.874	7.074	51.580	50.000	3.2
Aldrin	5.230	5.127	5.327	54.640	50.000	9.3
alpha-BHC	3.971	3.870	4.070	55.870	50.000	11.7
alpha-Chlordane	5.985	5.881	6.081	54.860	50.000	9.7
beta-BHC	4.488	4.386	4.586	55.240	50.000	10.5
Decachlorobiphenyl	9.005	8.893	9.093	48.940	50.000	-2.1
delta-BHC	4.734	4.631	4.831	58.620	50.000	17.2
Dieldrin	6.306	6.200	6.400	53.420	50.000	6.8
Endosulfan I	6.033	5.928	6.128	55.820	50.000	11.6
Endosulfan II	6.746	6.641	6.841	51.310	50.000	2.6
Endosulfan sulfate	7.109	7.003	7.203	52.430	50.000	4.9
Endrin	6.531	6.427	6.627	53.140	50.000	6.3
Endrin aldehyde	6.875	6.769	6.969	51.160	50.000	2.3
Endrin ketone	7.589	7.481	7.681	54.080	50.000	8.2
gamma-BHC (Lindane)	4.299	4.198	4.398	55.510	50.000	11.0
gamma-Chlordane	5.904	5.801	6.001	53.610	50.000	7.2
Heptachlor	4.889	4.788	4.988	55.480	50.000	11.0
Heptachlor epoxide	5.651	5.547	5.747	53.350	50.000	6.7
Methoxychlor	7.455	7.347	7.547	48.460	50.000	-3.1
Tetrachloro-m-xylene	3.523	3.424	3.624	55.300	50.000	10.6



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097701.D **Time Analyzed:** 11:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.847	5.745	5.945	52.580	50.000	5.2
4,4'-DDE	5.293	5.193	5.393	51.700	50.000	3.4
4,4'-DDT	6.099	5.997	6.197	49.420	50.000	-1.2
Aldrin	4.286	4.187	4.387	52.480	50.000	5.0
alpha-BHC	3.323	3.226	3.426	53.470	50.000	6.9
alpha-Chlordane	5.104	5.004	5.204	50.820	50.000	1.6
beta-BHC	3.952	3.854	4.054	52.170	50.000	4.3
Decachlorobiphenyl	7.984	7.879	8.079	43.900	50.000	-12.2
delta-BHC	4.185	4.086	4.286	52.530	50.000	5.1
Dieldrin	5.423	5.324	5.524	51.980	50.000	4.0
Endosulfan I	5.159	5.059	5.259	49.340	50.000	-1.3
Endosulfan II	5.992	5.890	6.090	52.040	50.000	4.1
Endosulfan sulfate	6.394	6.291	6.491	49.350	50.000	-1.3
Endrin	5.699	5.599	5.799	53.140	50.000	6.3
Endrin aldehyde	6.170	6.068	6.268	45.880	50.000	-8.2
Endrin ketone	6.899	6.796	6.996	51.460	50.000	2.9
gamma-BHC (Lindane)	3.655	3.558	3.758	53.110	50.000	6.2
gamma-Chlordane	5.040	4.940	5.140	49.840	50.000	-0.3
Heptachlor	4.003	3.905	4.105	52.530	50.000	5.1
Heptachlor epoxide	4.788	4.689	4.889	51.620	50.000	3.2
Methoxychlor	6.672	6.569	6.769	46.410	50.000	-7.2
Tetrachloro-m-xylene	2.818	2.721	2.921	52.500	50.000	5.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 11:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:52:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.523	2.818	226.3E6	316.0E6	55.297	52.496
28)	SA Decachlor...	9.005	7.984	145.6E6	234.6E6	48.941	43.899
Target Compounds							
2)	A alpha-BHC	3.971	3.323	379.6E6	520.2E6	55.870	53.470
3)	MA gamma-BHC...	4.299	3.655	354.6E6	481.1E6	55.508	53.105
4)	MA Heptachlor	4.889	4.003	354.8E6	476.2E6	55.479m	52.529
5)	MB Aldrin	5.230	4.286	333.6E6	451.1E6	54.640	52.476
6)	B beta-BHC	4.488	3.952	144.0E6	206.1E6	55.243	52.166
7)	B delta-BHC	4.734	4.185	348.5E6	471.4E6	58.621	52.529
8)	B Heptachlo...	5.651	4.788	311.1E6	405.3E6	53.353	51.623
9)	A Endosulfan I	6.033	5.159	281.5E6	371.5E6	55.820	49.345
10)	B gamma-Chl...	5.904	5.040	293.9E6	431.4E6	53.609m	49.843
11)	B alpha-Chl...	5.985	5.104	301.1E6	422.0E6	54.857	50.823
12)	B 4,4'-DDE	6.156	5.293	259.0E6	396.3E6	56.428	51.697
13)	MA Dieldrin	6.306	5.423	286.4E6	417.9E6	53.422	51.979m
14)	MA Endrin	6.531	5.699	238.1E6	371.8E6	53.143m	53.136
15)	B Endosulfa...	6.746	5.992	233.6E6	365.4E6	51.306	52.037
16)	A 4,4'-DDD	6.665	5.847	201.7E6	337.1E6	56.430m	52.581
17)	MA 4,4'-DDT	6.981	6.099	208.0E6	339.9E6	51.579	49.417
18)	B Endrin al...	6.875	6.170	168.3E6	264.1E6	51.161	45.879
19)	B Endosulfa...	7.109	6.394	205.0E6	332.9E6	52.427	49.351
20)	A Methoxychlor	7.455	6.672	98907682	172.4E6	48.465	46.410
21)	B Endrin ke...	7.589	6.899	225.1E6	383.0E6	54.080	51.456
22)	Mirex	8.067	7.088	152.3E6	254.1E6	49.388	46.110

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 11:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

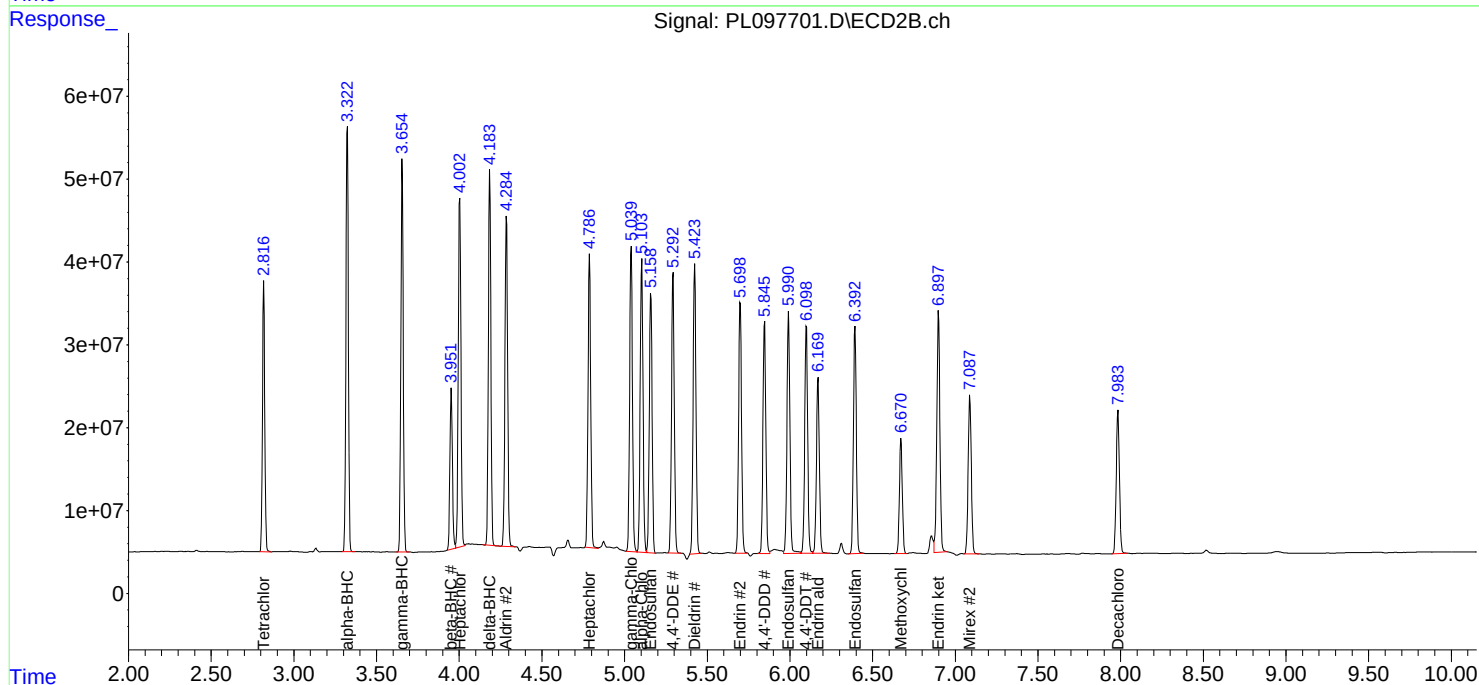
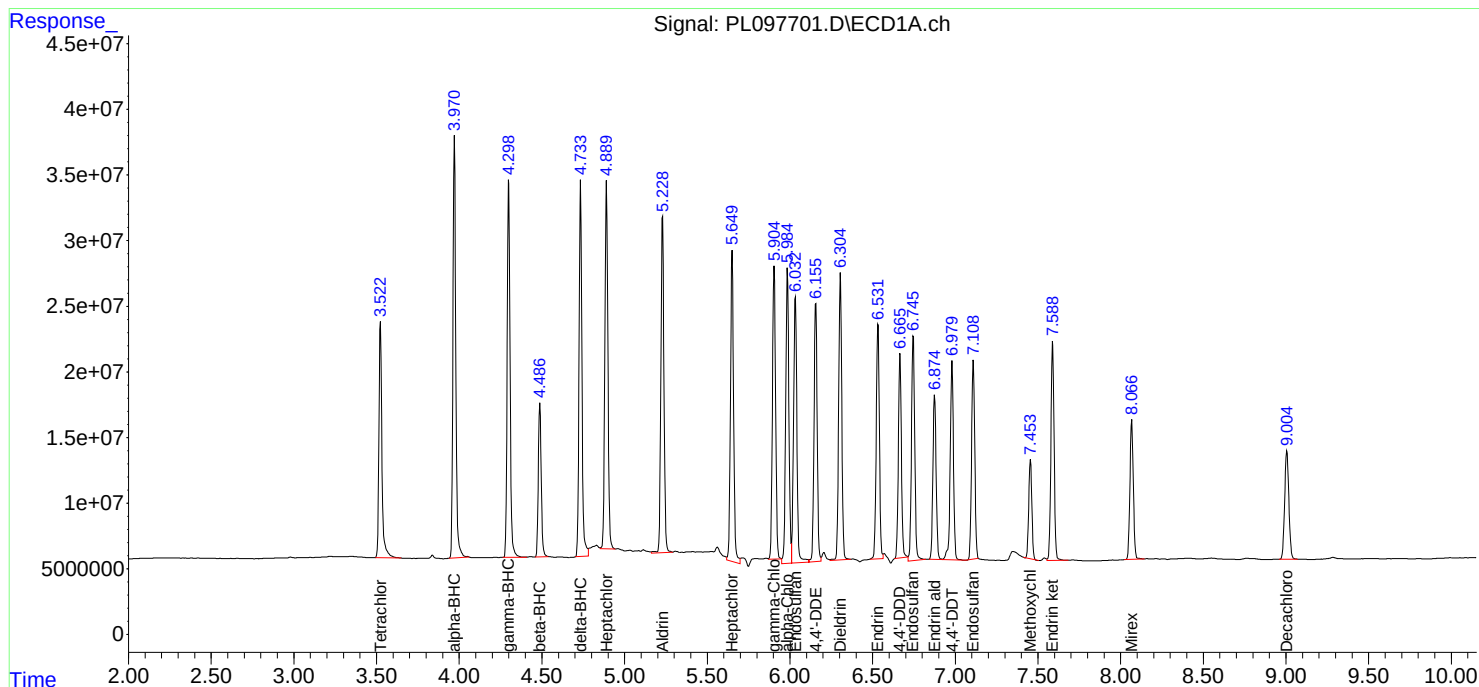
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/28/2025

10/28/2025

Continuing Calib Time: 16:03

Initial Calibration Time(s): 14:57

15:52

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	8.99	8.89	9.09	-0.01
Tetrachloro-m-xylene	3.53	3.52	3.42	3.62	-0.01
alpha-BHC	3.97	3.97	3.87	4.07	0.00
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.73	4.63	4.83	0.00
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.30	6.20	6.40	0.00
4,4'-DDE	6.16	6.15	6.05	6.25	-0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.74	6.64	6.84	0.00
4,4'-DDD	6.66	6.66	6.56	6.76	0.00
Endosulfan sulfate	7.11	7.10	7.00	7.20	-0.01
4,4'-DDT	6.98	6.97	6.87	7.07	-0.01
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.59	7.58	7.48	7.68	-0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.98	5.88	6.08	0.00
gamma-Chlordane	5.90	5.90	5.80	6.00	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Continuing Calib Date: 10/31/2025

Initial Calibration Date(s): 10/28/2025

10/28/2025

Continuing Calib Time: 16:03

Initial Calibration Time(s): 14:57

15:52

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.95	3.85	4.05	0.00
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.43	5.42	5.32	5.52	-0.01
4,4'-DDE	5.30	5.29	5.19	5.39	-0.01
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	5.99	5.89	6.09	0.00
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.40	6.39	6.29	6.49	0.00
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.10	5.00	5.20	-0.01
gamma-Chlordane	5.04	5.04	4.94	5.14	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097715.D **Time Analyzed:** 16:03

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.664	6.560	6.760	58.700	50.000	17.4
4,4'-DDE	6.155	6.051	6.251	53.560	50.000	7.1
4,4'-DDT	6.978	6.874	7.074	49.700	50.000	-0.6
Aldrin	5.229	5.127	5.327	51.750	50.000	3.5
alpha-BHC	3.972	3.870	4.070	53.980	50.000	8.0
alpha-Chlordane	5.983	5.881	6.081	52.600	50.000	5.2
beta-BHC	4.488	4.386	4.586	53.670	50.000	7.3
Decachlorobiphenyl	9.000	8.893	9.093	47.600	50.000	-4.8
delta-BHC	4.733	4.631	4.831	54.110	50.000	8.2
Dieldrin	6.303	6.200	6.400	51.850	50.000	3.7
Endosulfan I	6.031	5.928	6.128	52.670	50.000	5.3
Endosulfan II	6.744	6.641	6.841	53.360	50.000	6.7
Endosulfan sulfate	7.107	7.003	7.203	50.710	50.000	1.4
Endrin	6.530	6.427	6.627	50.660	50.000	1.3
Endrin aldehyde	6.873	6.769	6.969	52.540	50.000	5.1
Endrin ketone	7.586	7.481	7.681	51.360	50.000	2.7
gamma-BHC (Lindane)	4.299	4.198	4.398	53.600	50.000	7.2
gamma-Chlordane	5.902	5.801	6.001	51.350	50.000	2.7
Heptachlor	4.891	4.788	4.988	52.360	50.000	4.7
Heptachlor epoxide	5.649	5.547	5.747	52.760	50.000	5.5
Methoxychlor	7.451	7.347	7.547	46.070	50.000	-7.9
Tetrachloro-m-xylene	3.525	3.424	3.624	53.320	50.000	6.6



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** REMI02
Lab Code: ACE **SDG NO.:** Q3495
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/28/2025 10/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/31/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097715.D **Time Analyzed:** 16:03

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.848	5.745	5.945	51.730	50.000	3.5
4,4'-DDE	5.296	5.193	5.393	51.180	50.000	2.4
4,4'-DDT	6.100	5.997	6.197	46.760	50.000	-6.5
Aldrin	4.288	4.187	4.387	52.640	50.000	5.3
alpha-BHC	3.327	3.226	3.426	53.410	50.000	6.8
alpha-Chlordane	5.107	5.004	5.204	50.920	50.000	1.8
beta-BHC	3.955	3.854	4.054	51.150	50.000	2.3
Decachlorobiphenyl	7.984	7.879	8.079	42.150	50.000	-15.7
delta-BHC	4.188	4.086	4.286	52.820	50.000	5.6
Dieldrin	5.426	5.324	5.524	53.500	50.000	7.0
Endosulfan I	5.162	5.059	5.259	49.160	50.000	-1.7
Endosulfan II	5.993	5.890	6.090	49.400	50.000	-1.2
Endosulfan sulfate	6.395	6.291	6.491	48.360	50.000	-3.3
Endrin	5.701	5.599	5.799	52.770	50.000	5.5
Endrin aldehyde	6.171	6.068	6.268	45.730	50.000	-8.5
Endrin ketone	6.899	6.796	6.996	50.160	50.000	0.3
gamma-BHC (Lindane)	3.659	3.558	3.758	53.010	50.000	6.0
gamma-Chlordane	5.043	4.940	5.140	50.840	50.000	1.7
Heptachlor	4.006	3.905	4.105	51.690	50.000	3.4
Heptachlor epoxide	4.791	4.689	4.889	51.480	50.000	3.0
Methoxychlor	6.673	6.569	6.769	45.090	50.000	-9.8
Tetrachloro-m-xylene	2.822	2.721	2.921	51.810	50.000	3.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097715.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 16:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:55:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.525	2.822	218.2E6	311.8E6	53.315	51.808
28)	SA Decachlor...	9.000	7.984	141.6E6	225.3E6	47.600	42.155
Target Compounds							
2)	A alpha-BHC	3.972	3.327	366.8E6	519.6E6	53.983	53.409
3)	MA gamma-BHC...	4.299	3.659	342.4E6	480.2E6	53.596	53.007
4)	MA Heptachlor	4.891	4.006	334.9E6	468.6E6	52.364	51.690
5)	MB Aldrin	5.229	4.288	315.9E6	452.5E6	51.745	52.639
6)	B beta-BHC	4.488	3.955	139.9E6	202.1E6	53.675	51.154
7)	B delta-BHC	4.733	4.188	321.7E6	474.0E6	54.115	52.819
8)	B Heptachlo...	5.649	4.791	307.6E6	404.2E6	52.756	51.476
9)	A Endosulfan I	6.031	5.162	265.6E6	370.1E6	52.665	49.164
10)	B gamma-Chl...	5.902	5.043	281.5E6	440.0E6	51.345m	50.839
11)	B alpha-Chl...	5.983	5.107	288.8E6	422.8E6	52.604	50.920
12)	B 4,4'-DDE	6.155	5.296	245.8E6	392.3E6	53.561	51.178
13)	MA Dieldrin	6.303	5.426	278.0E6	430.1E6	51.855	53.500
14)	MA Endrin	6.530	5.701	226.9E6	369.2E6	50.660	52.767
15)	B Endosulfa...	6.744	5.993	242.9E6	346.9E6	53.357	49.402
16)	A 4,4'-DDD	6.664	5.848	209.8E6	331.7E6	58.704	51.734
17)	MA 4,4'-DDT	6.978	6.100	200.4E6	321.7E6	49.696	46.763
18)	B Endrin al...	6.873	6.171	172.9E6	263.2E6	52.541	45.726
19)	B Endosulfa...	7.107	6.395	198.3E6	326.3E6	50.713	48.361
20)	A Methoxychlor	7.451	6.673	94015817	167.5E6	46.068	45.089
21)	B Endrin ke...	7.586	6.899	213.8E6	373.4E6	51.363	50.164
22)	Mirex	8.064	7.088	144.9E6	247.0E6	46.971	44.818

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097715.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 16:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

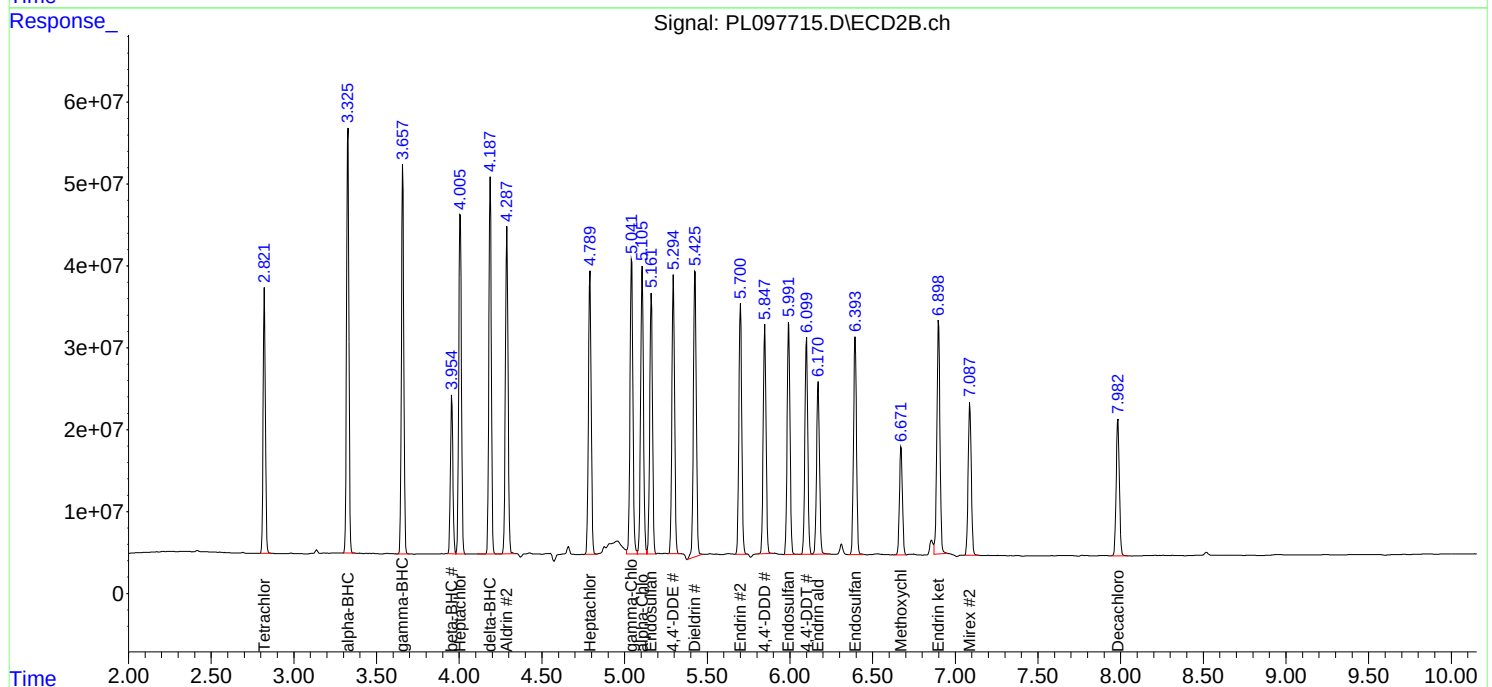
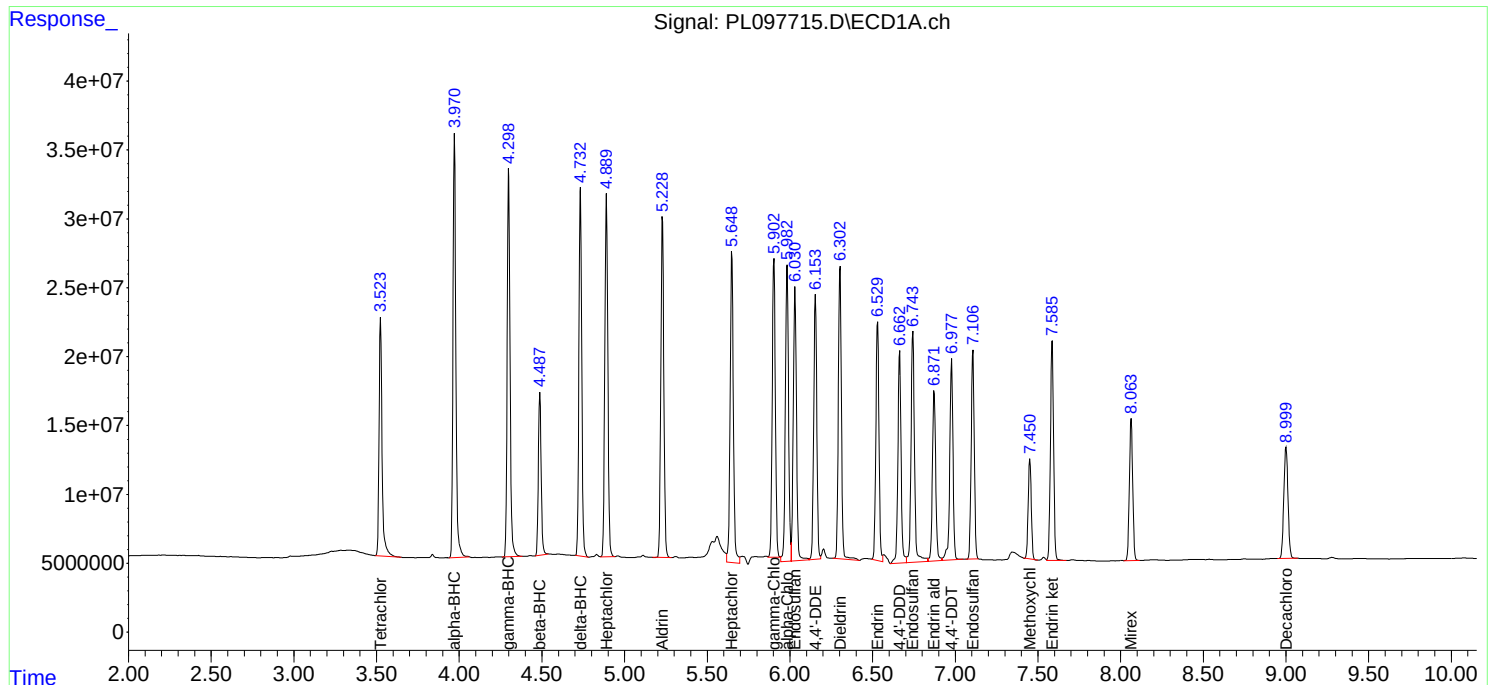
APPROVED

Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

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

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

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

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

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

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

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

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

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

ENDRIN BREAK DOWN

Column #1

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

Column #2

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

DDT BREAK DOWN

Column #1

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

Column #2

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

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

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.875	67593250	632.0E6	21.705	21.224
28)	SA Decachlor...	9.066	8.062	106.9E6	648.1E6	22.859	21.395
Target Compounds							
2)	A alpha-BHC	3.994	3.386	64971308	526.5E6	9.053	10.304
3)	MA gamma-BHC...	4.324	3.723	63399907	488.4E6	9.325	10.337
6)	B beta-BHC	4.512	4.019	26386693	207.4E6	10.073	10.459
14)	MA Endrin	6.568	5.781	243.7E6	1941.3E6	49.201	47.940
16)	A 4,4'-DDD	6.701	5.923	3070515	38837436	0.757	1.066 #
17)	MA 4,4'-DDT	7.016	6.174	412.1E6	3355.4E6	100.267	95.667
18)	B Endrin al...	6.913	6.248	1372427	19940698	0.375m	0.720 #
20)	A Methoxychlor	7.489	6.745	503.3E6	3517.5E6	236.805	201.834
21)	B Endrin ke...	7.625	6.981	3953460	29836878	0.814	0.791m

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

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

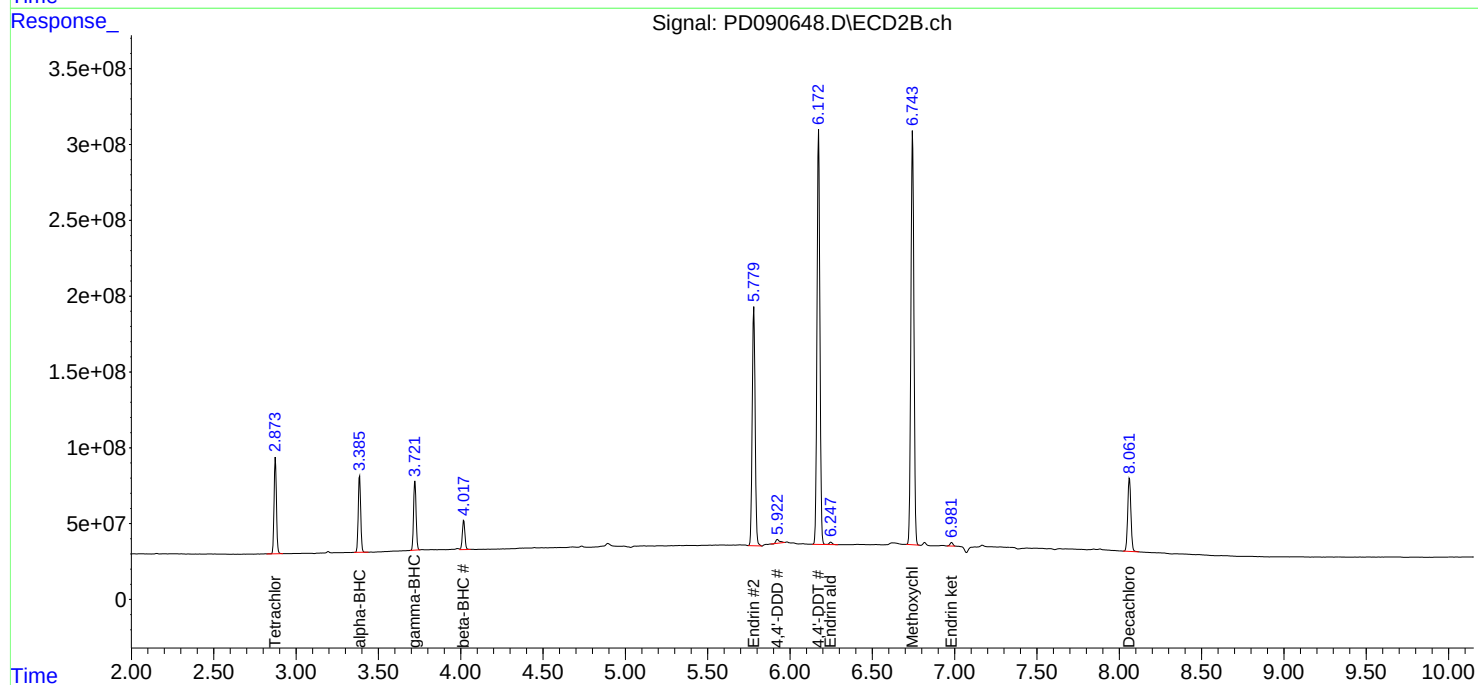
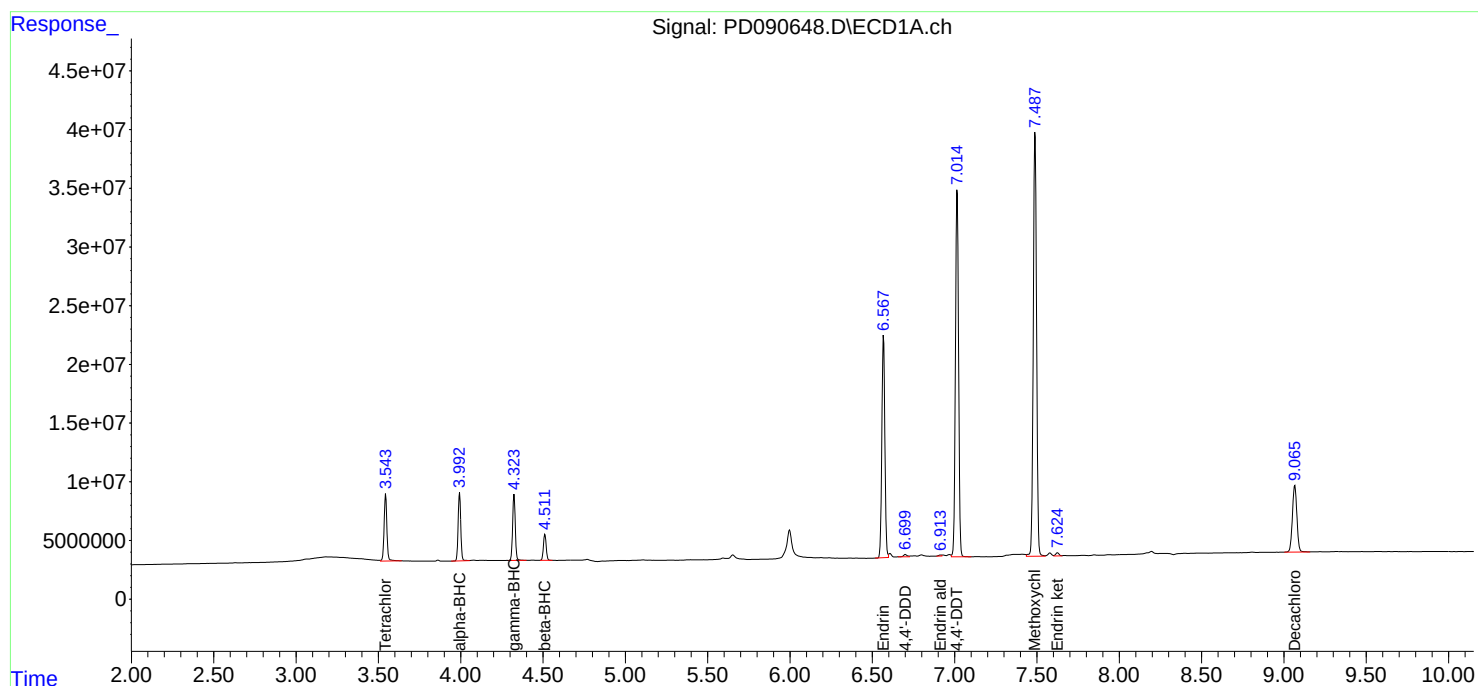
Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

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

Client Sample No. (PEM): PEM - PD090925.D Date Analyzed: 10/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:20

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.070	8.970	9.170	23.600	20.000	18.0
Tetrachloro-m-xylene	3.544	3.490	3.590	23.020	20.000	15.1
alpha-BHC	3.994	3.940	4.040	9.890	10.000	-1.1
beta-BHC	4.513	4.460	4.560	11.020	10.000	10.2
gamma-BHC (Lindane)	4.325	4.270	4.380	10.190	10.000	1.9
Endrin	6.570	6.500	6.640	54.240	50.000	8.5
4,4'-DDT	7.018	6.950	7.090	118.640	100.000	18.6
Methoxychlor	7.491	7.420	7.560	274.190	250.000	9.7

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

Client Sample No. (PEM): PEM - PD090925.D Date Analyzed: 10/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:20

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.063	7.960	8.160	30.610	20.000	53.1
Tetrachloro-m-xylene	2.874	2.820	2.920	25.410	20.000	27.1
alpha-BHC	3.386	3.340	3.440	12.590	10.000	25.9
beta-BHC	4.019	3.970	4.070	12.870	10.000	28.7
gamma-BHC (Lindane)	3.723	3.670	3.770	12.620	10.000	26.2
Endrin	5.781	5.710	5.850	59.380	50.000	18.8
4,4'-DDT	6.175	6.100	6.250	132.040	100.000	32.0
Methoxychlor	6.745	6.670	6.820	264.280	250.000	5.7

PEM
 Data File: PD090925.D Date Acquired 10/31/2025 10:20
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.57	268666203.8	273855581.9	5189378.13	1.89
Endrin aldehyde	6.91	994521.061			
Endrin ketone	7.63	4194857.067			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.78	2404729806	2468847080	64117274.5	2.60
Endrin aldehyde #2	6.25	26625425.28			
Endrin ketone #2	6.98	37491849.22			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	7.02	487655600.2	490546074.1	2890473.81	0.59
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	2890473.813			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.17	4631101492	4663859494	32758001.3	0.70
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	32758001.32			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 10:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:52:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	71695477	756.6E6	23.022	25.409
28)	SA Decachlor...	9.070	8.063	110.4E6	927.3E6	23.604	30.612 #
Target Compounds							
2)	A alpha-BHC	3.994	3.386	70994891	643.2E6	9.892	12.588 #
3)	MA gamma-BHC...	4.325	3.723	69297722	596.4E6	10.193	12.622
6)	B beta-BHC	4.513	4.019	28855783	255.2E6	11.015	12.869
14)	MA Endrin	6.570	5.781	268.7E6	2404.7E6	54.235	59.385
16)	A 4,4'-DDD	6.702	5.923	2890474	32758001	0.713	0.899 #
17)	MA 4,4'-DDT	7.018	6.175	487.7E6	4631.1E6	118.637	132.041
18)	B Endrin al...	6.912	6.249	994521	26625425	0.272m	0.961 #
20)	A Methoxychlor	7.491	6.745	582.8E6	4605.9E6	274.191	264.285
21)	B Endrin ke...	7.628	6.983	4194857	37491849	0.863	0.994

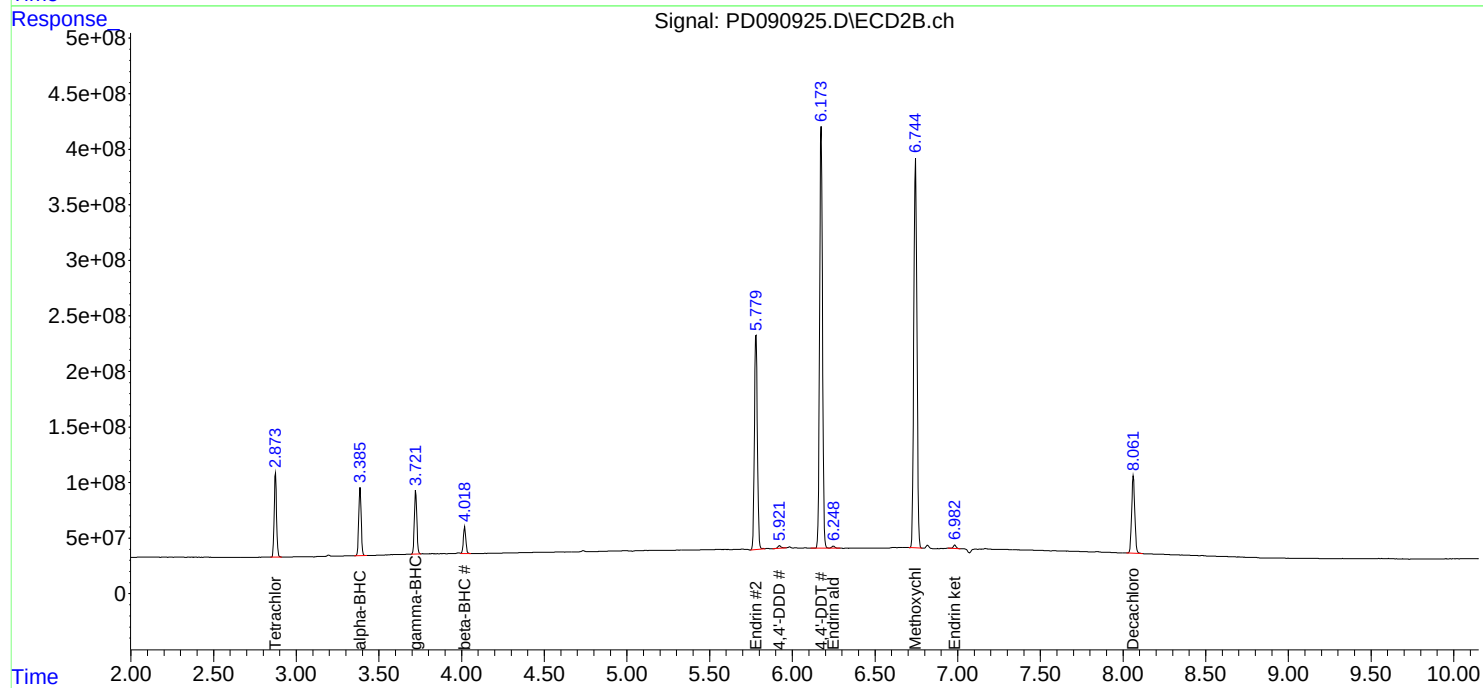
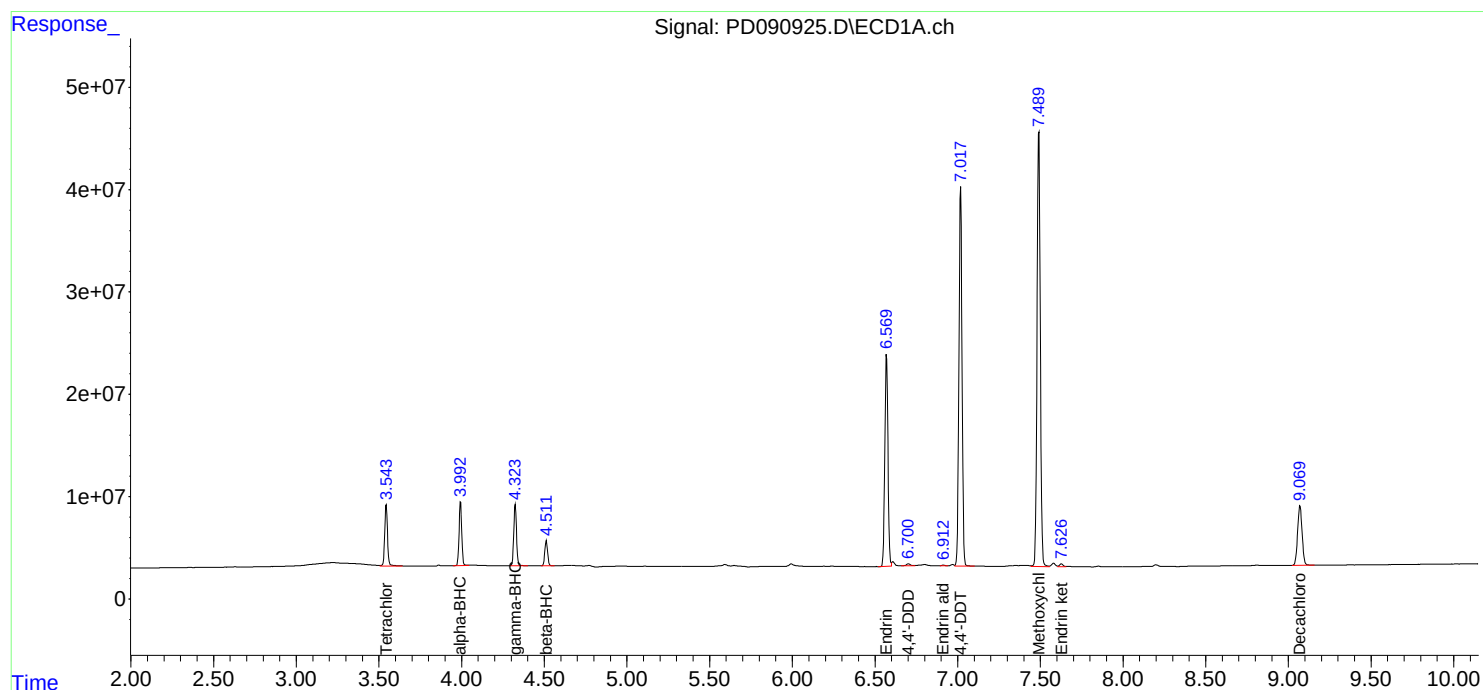
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 10:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

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

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

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

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

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

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

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

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

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

Instrument :
 ECD_D
 ClientSampleId :
 PEM

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

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

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

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

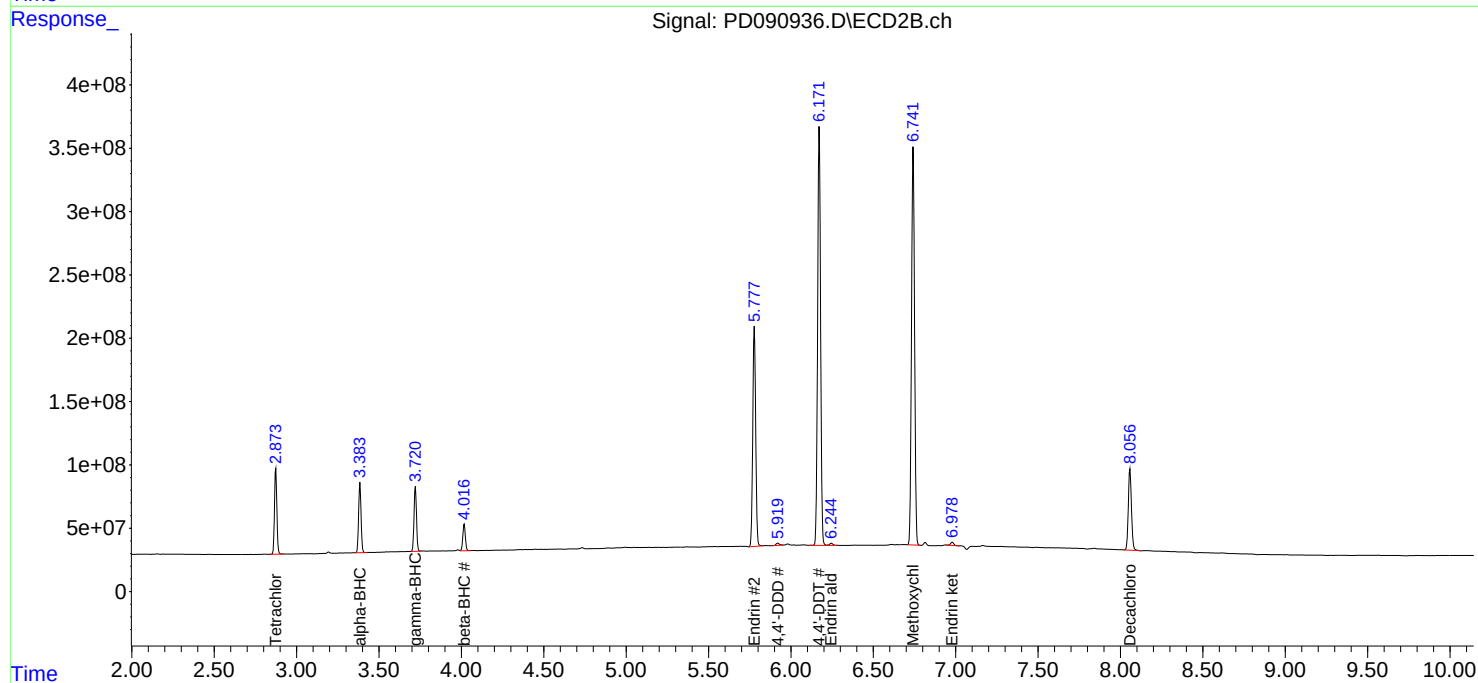
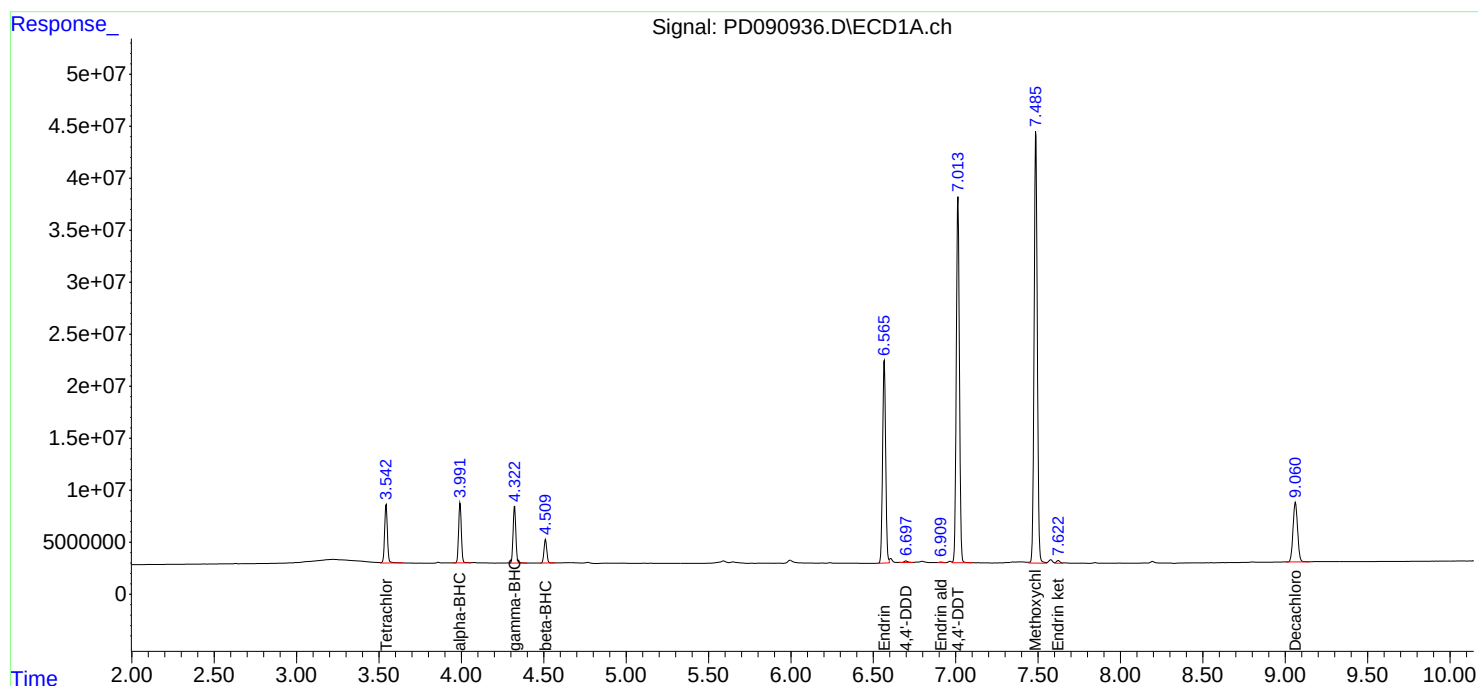
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

Instrument :
ECD_D
ClientSampleId :
PEM

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

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



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097637.D Date Analyzed: 10/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 14:30

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.994	8.890	9.090	25.870	20.000	29.4
Tetrachloro-m-xylene	3.524	3.470	3.570	20.090	20.000	0.5
alpha-BHC	3.970	3.920	4.020	8.750	10.000	-12.5
beta-BHC	4.486	4.440	4.540	9.460	10.000	-5.4
gamma-BHC (Lindane)	4.298	4.250	4.350	9.060	10.000	-9.4
Endrin	6.527	6.460	6.600	46.230	50.000	-7.5
4,4'-DDT	6.974	6.900	7.040	94.090	100.000	-5.9
Methoxychlor	7.447	7.380	7.520	224.130	250.000	-10.3

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097637.D Date Analyzed: 10/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 14:30

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.979	7.880	8.080	23.960	20.000	19.8
Tetrachloro-m-xylene	2.822	2.770	2.870	20.030	20.000	0.2
alpha-BHC	3.326	3.280	3.380	8.800	10.000	-12.0
beta-BHC	3.954	3.900	4.000	9.280	10.000	-7.2
gamma-BHC (Lindane)	3.657	3.610	3.710	9.030	10.000	-9.7
Endrin	5.698	5.630	5.770	47.650	50.000	-4.7
4,4'-DDT	6.097	6.030	6.170	97.840	100.000	-2.2
Methoxychlor	6.669	6.600	6.740	208.890	250.000	-16.4

PEM
 Data File: PL097637.D Date Acquired 10/28/2025 14:30
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.53	207113519.3	210332306.7	3218787.4	1.53
Endrin aldehyde	6.87	1253586.527			
Endrin ketone	7.58	1965200.876			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.70	333365875.4	350243108.7	16877233.3	4.82
Endrin aldehyde #2	6.17	11742942.42			
Endrin ketone #2	6.89	5134290.914			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.97	379377276.3	380420280.2	1043003.97	0.27
4,4'-DDE	0.00	0			
4,4'-DDD	6.66	1043003.972			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.10	672965780.1	675563480.2	2597700.07	0.38
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.85	2597700.073			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
 Data File : PL097637.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 14:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/29/2025
 Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 17:15:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.822	82217231	120.6E6	20.093	20.028
28)	SA Decachlor...	8.994	7.979	76981066	128.0E6	25.875	23.956
Target Compounds							
2)	A alpha-BHC	3.970	3.326	59470171	85626215	8.753	8.801
3)	MA gamma-BHC...	4.298	3.657	57910023	81770206	9.064	9.026
6)	B beta-BHC	4.486	3.954	24649814	36686694	9.458	9.285
14)	MA Endrin	6.527	5.698	207.1E6	333.4E6	46.233	47.647
16)	A 4,4'-DDD	6.661	5.847	1043004	2597700	0.292m	0.405m#
17)	MA 4,4'-DDT	6.974	6.097	379.4E6	673.0E6	94.094	97.838
18)	B Endrin al...	6.872	6.170	1253587	11742942	0.381m	2.040 #
20)	A Methoxychlor	7.447	6.669	457.4E6	776.1E6	224.127	208.893
21)	B Endrin ke...	7.580	6.893	1965201	5134291	0.472m	0.690m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097637.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

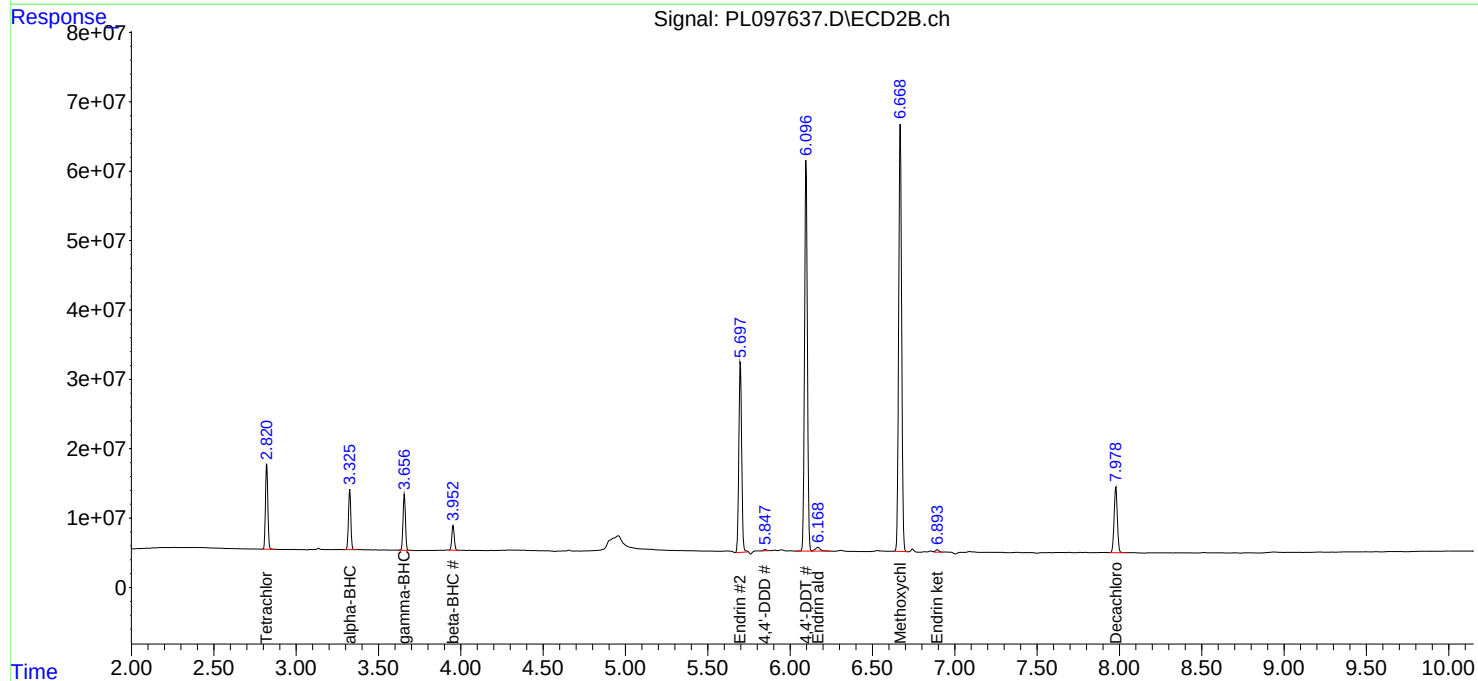
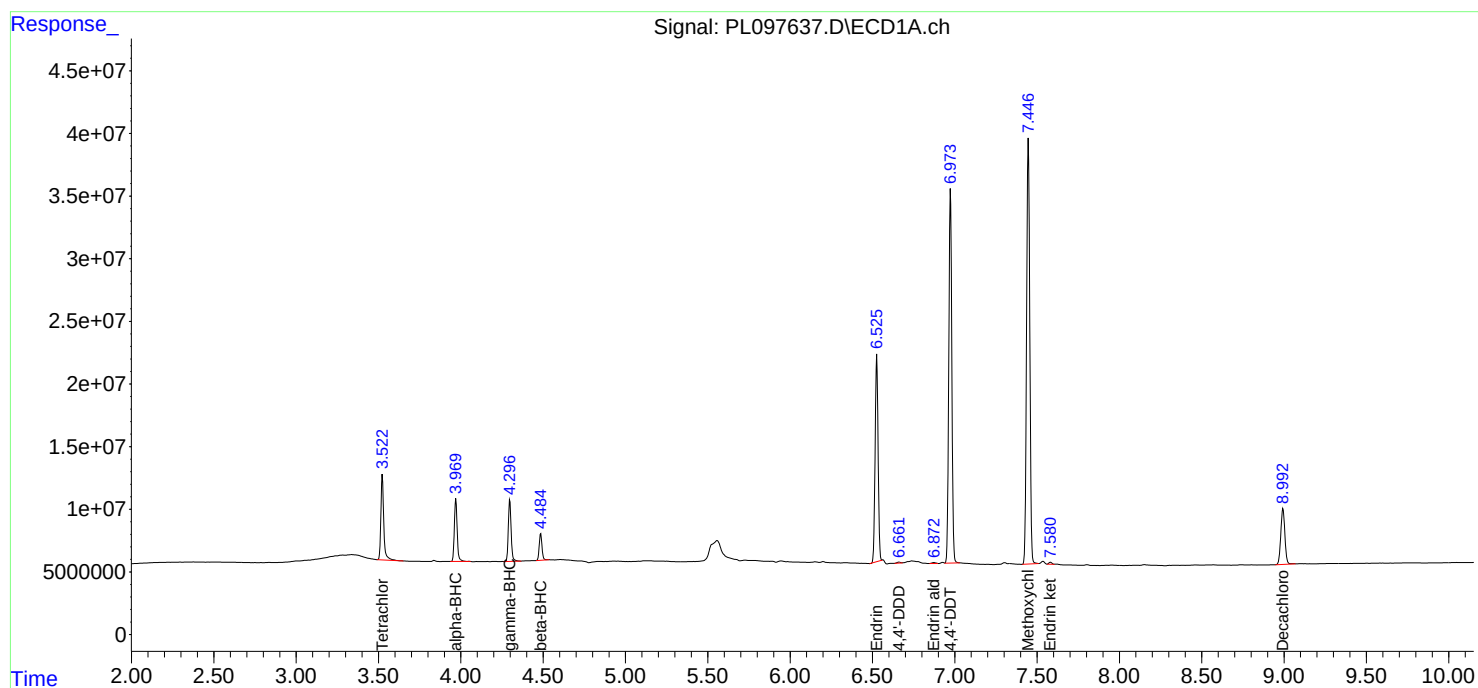
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 10/29/2025
Supervised By : Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:15:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm



PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097700.D Date Analyzed: 10/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:56

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.002	8.900	9.100	24.090	20.000	20.5
Tetrachloro-m-xylene	3.524	3.470	3.570	25.470	20.000	27.4
alpha-BHC	3.971	3.920	4.020	11.360	10.000	13.6
beta-BHC	4.488	4.440	4.540	12.130	10.000	21.3
gamma-BHC (Lindane)	4.299	4.250	4.350	11.680	10.000	16.8
Endrin	6.531	6.460	6.600	57.620	50.000	15.2
4,4'-DDT	6.979	6.910	7.050	110.760	100.000	10.8
Methoxychlor	7.452	7.380	7.520	259.100	250.000	3.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2025 10/28/2025

Client Sample No. (PEM): PEM - PL097700.D Date Analyzed: 10/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:56

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.984	7.880	8.080	21.370	20.000	6.9
Tetrachloro-m-xylene	2.822	2.770	2.870	24.530	20.000	22.7
alpha-BHC	3.327	3.280	3.380	11.000	10.000	10.0
beta-BHC	3.956	3.910	4.010	11.540	10.000	15.4
gamma-BHC (Lindane)	3.659	3.610	3.710	11.170	10.000	11.7
Endrin	5.701	5.630	5.770	57.590	50.000	15.2
4,4'-DDT	6.101	6.030	6.170	106.870	100.000	6.9
Methoxychlor	6.674	6.600	6.740	220.400	250.000	-11.8

Data File: PEM
 PL097700.D Date Acquired 10/31/2025 9:56
 Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin	6.53	258104866	265778869.5	7674003.55	2.89
Endrin aldehyde	6.87	2077894.66			
Endrin ketone	7.59	5596108.89			

Column #2

Name	RT	Response	Response [E+EA+EK]	Response [EA+EK]	% Break Down
Endrin #2	5.70	402945986	434192973.6	31246987.6	7.20
Endrin aldehyde #2	6.17	13149574.4			
Endrin ketone #2	6.90	18097413.2			

DDT BREAK DOWN

Column #1

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT	6.98	446580346.7	456865262.6	10284915.9	2.25
4,4'-DDE	0.00	0			
4,4'-DDD	6.66	10284915.92			

Column #2

Name	RT	Response	Response [DDT+DDE+DDD]	Response [DDE+DDD]	% Break Down
4,4'-DDT #2	6.10	735100602.6	751818873.8	16718271.2	2.22
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.85	16718271.19			

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 09:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/03/2025
 Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:52:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.822	104.2E6	147.7E6	25.472	24.531
28)	SA Decachlor...	9.002	7.984	71669701	114.2E6	24.089	21.373
Target Compounds							
2)	A alpha-BHC	3.971	3.327	77193354	107.0E6	11.362	10.999
3)	MA gamma-BHC...	4.299	3.659	74597921	101.2E6	11.676	11.168
6)	B beta-BHC	4.488	3.956	31603280	45596129	12.126	11.540
14)	MA Endrin	6.531	5.701	258.1E6	402.9E6	57.616	57.592
16)	A 4,4'-DDD	6.663	5.848	10284916	16718271	2.877m	2.608
17)	MA 4,4'-DDT	6.979	6.101	446.6E6	735.1E6	110.762	106.872
18)	B Endrin al...	6.875	6.173	2077895	13149574	0.632m	2.285 #
20)	A Methoxychlor	7.452	6.674	528.8E6	818.8E6	259.101	220.402
21)	B Endrin ke...	7.587	6.899	5596109	18097413	1.344	2.431 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 09:56
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

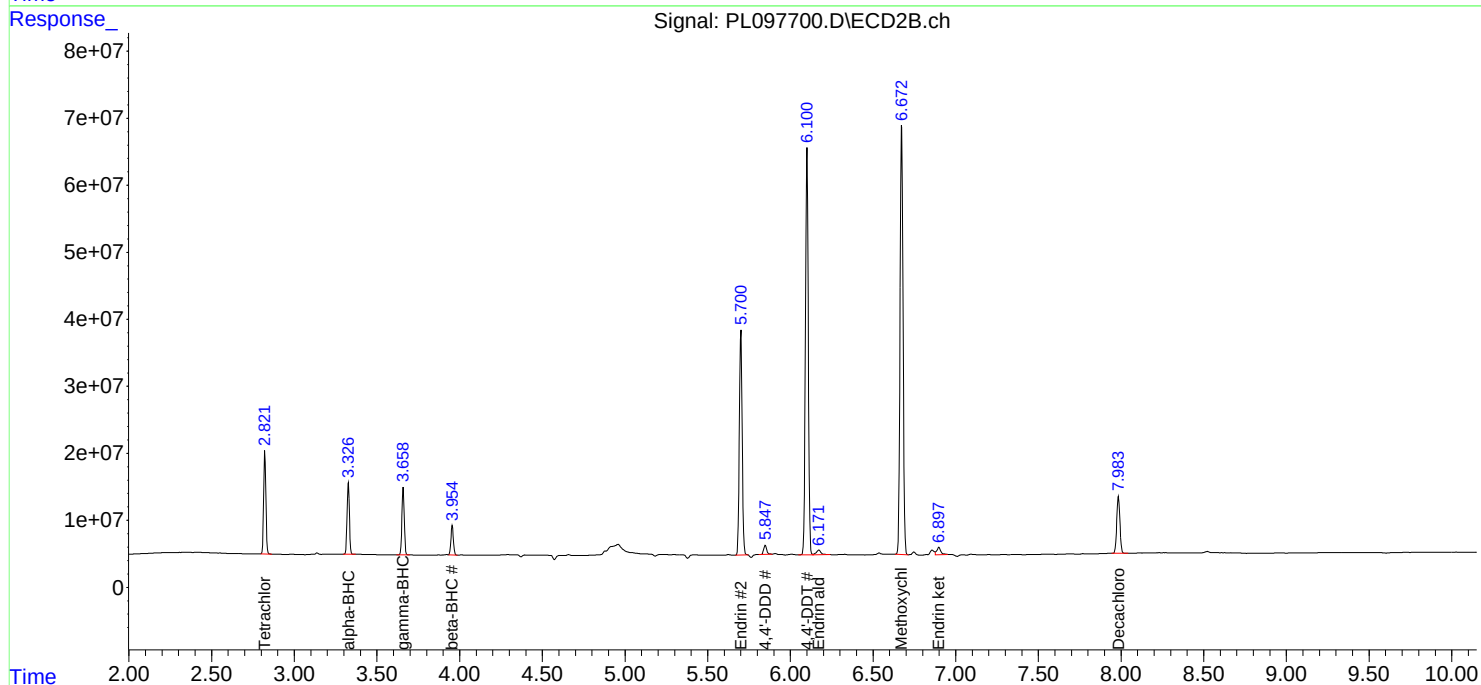
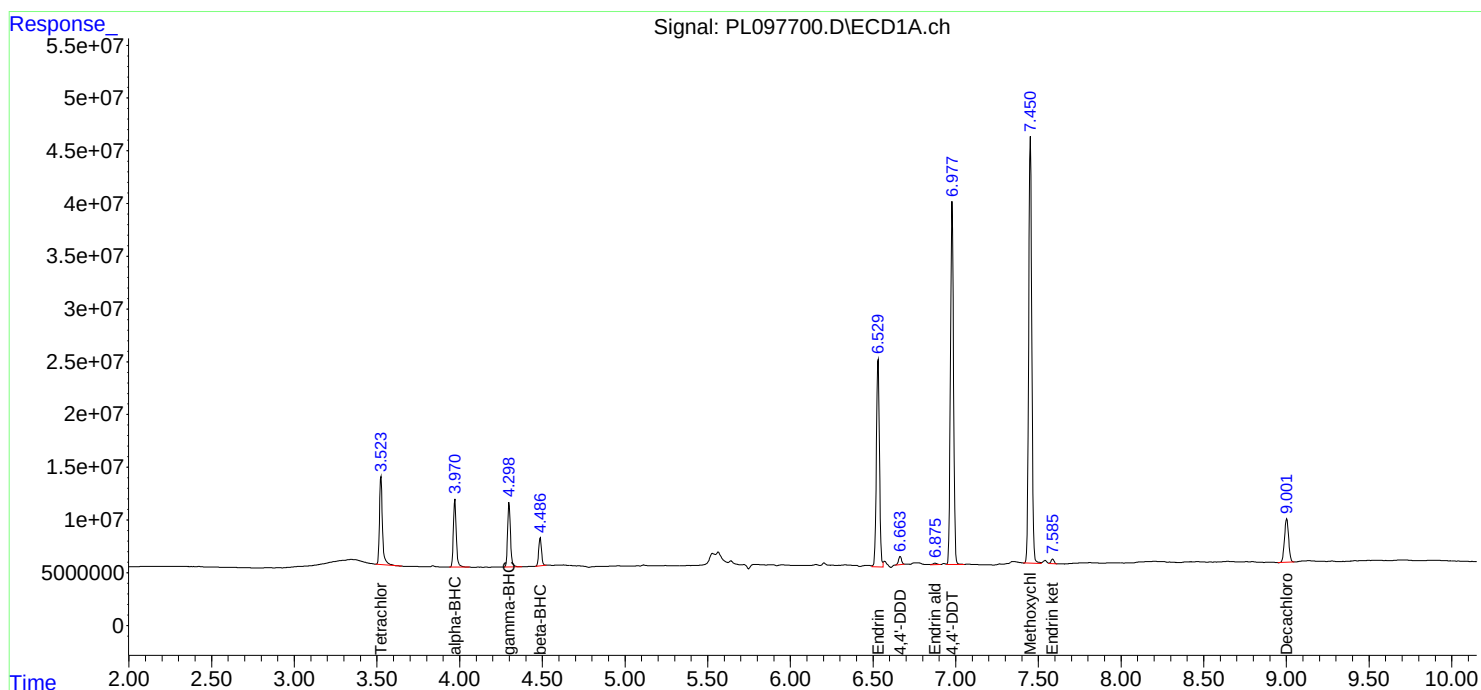
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090649.D
Acq On : 17 Oct 2025 11:20
Operator : AR\AJ
Sample : RESCHK
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Title : GC Extractables
Last Update : Fri Oct 17 17:43:28 2025
Integrator: ChemStation

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

Signal #2

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

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

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

Instrument :
 ECD_D
 ClientSampleId :
 RESCHK

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:04:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.543	2.874	55125186	545.1E6	17.701m	18.307
28)	SA Decachlor...	9.066	8.062	88858238	547.9E6	18.995	18.088
Target Compounds							
9)	A Endosulfan I	6.068	5.238	43926319	330.7E6	7.934	8.397
10)	B gamma-Chl...	5.940	5.116	47696248	387.3E6	8.042	8.616
12)	B 4,4'-DDE	6.190	5.366	86477351	754.1E6	16.235	17.202
13)	MA Dieldrin	6.341	5.503	92552800	748.0E6	15.872	16.930
19)	B Endosulfa...	7.144	6.474	76754913	612.1E6	16.548	17.078
20)	A Methoxychlor	7.488	6.745	169.7E6	1331.6E6	79.844	76.409
21)	B Endrin ke...	7.625	6.983	80182457	638.1E6	16.502	16.917

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

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

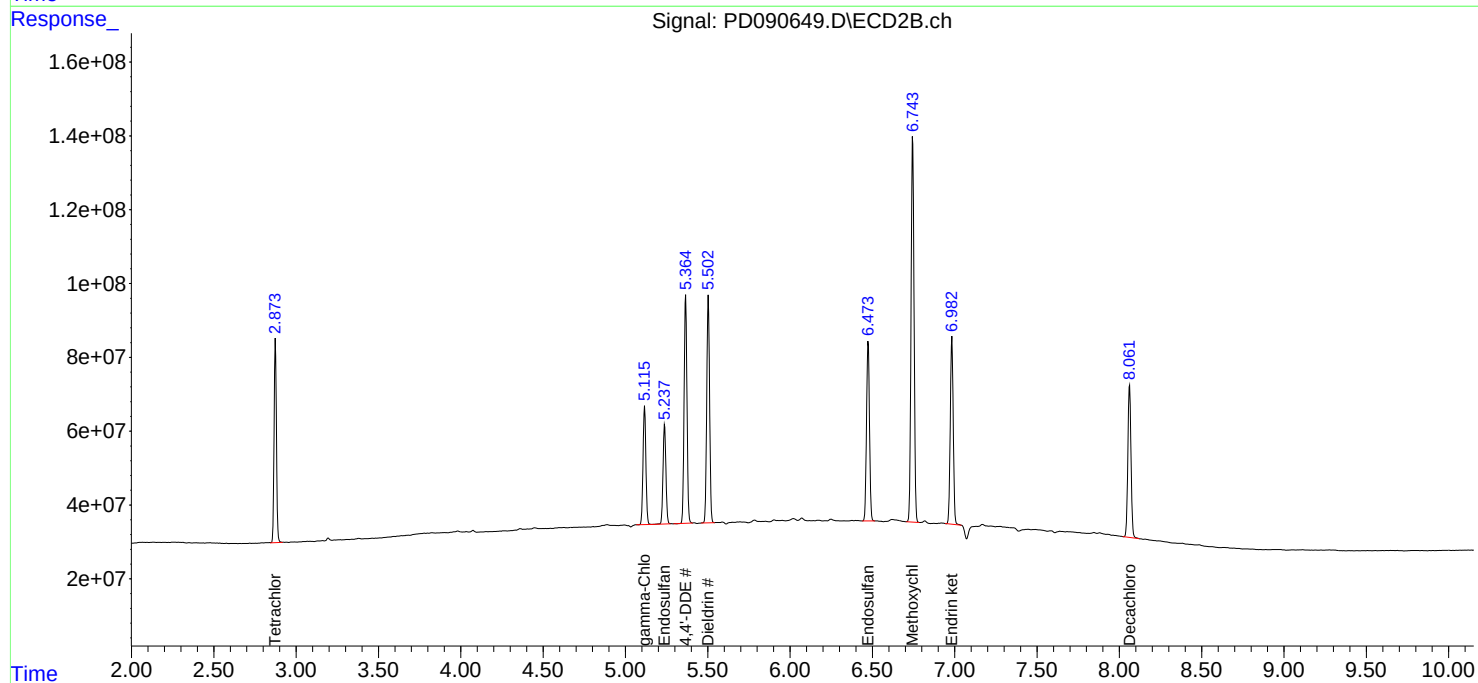
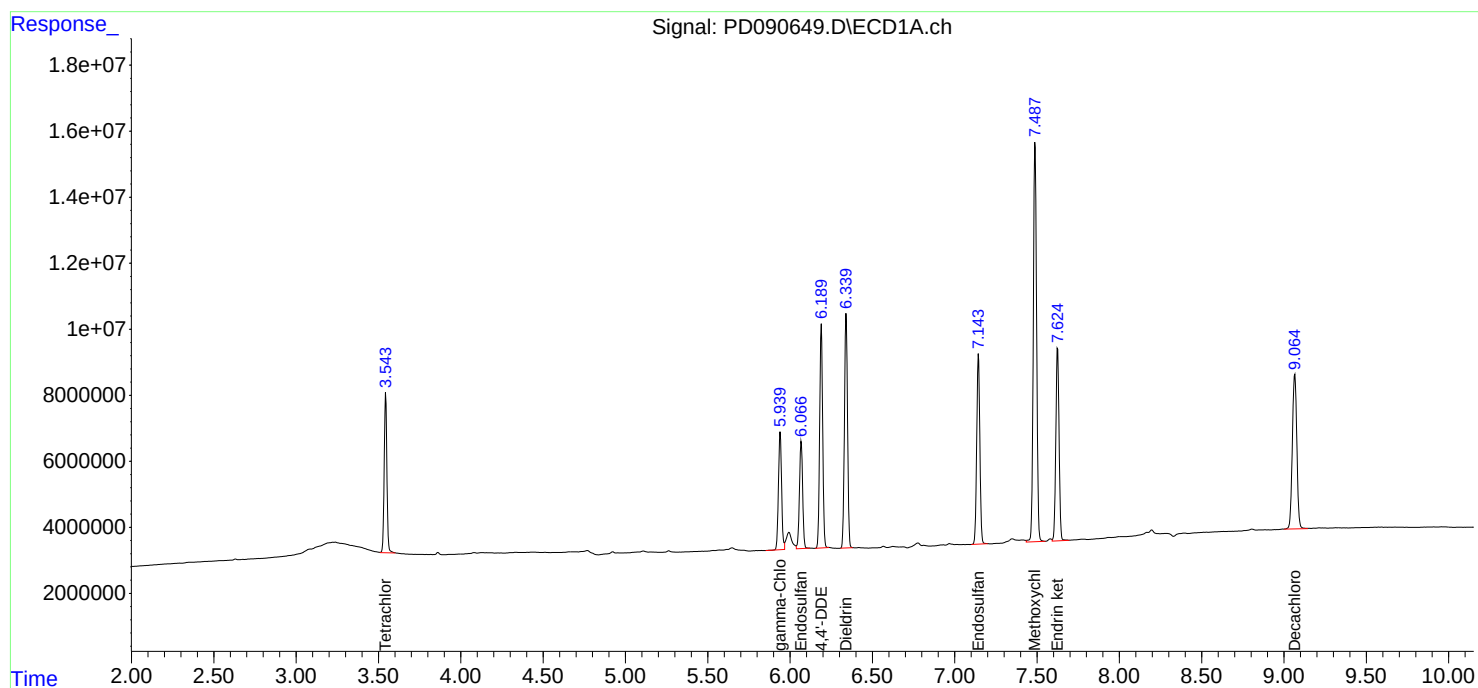
Instrument :
ECD_D
ClientSampleId :
RESCHK

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:04:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: Remington & Vernick Engineers	SDG No.: Q3495
Project: Maclearie Park	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	10/17/2025	10:53	PD090647.D	9.07	3.55
PEM	PEM	10/17/2025	11:07	PD090648.D	9.07	3.54
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	9.07	3.54
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	9.07	3.54
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	9.07	3.55
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	9.06	3.55
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	9.07	3.54
PSTDICCC005	PSTDICCC005	10/17/2025	12:28	PD090654.D	9.07	3.54
PCHLORICC500	PCHLORICC500	10/17/2025	13:09	PD090657.D	9.07	3.55
PTOXICC500	PTOXICC500	10/17/2025	14:17	PD090662.D	9.07	3.55
LBLK	LBLK	10/31/2025	10:06	PD090924.D	9.07	3.54
PEM	PEM	10/31/2025	10:20	PD090925.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/31/2025	11:09	PD090926.D	9.08	3.55
PB170348BL	PB170348BL	10/31/2025	14:37	PD090927.D	9.08	3.55
TW-1025-1	Q3495-03	10/31/2025	15:34	PD090931.D	9.07	3.54
LBLK	LBLK	10/31/2025	15:48	PD090932.D	9.07	3.55
PSTDCCC050	PSTDCCC050	10/31/2025	16:01	PD090933.D	9.07	3.55
PEM	PEM	11/04/2025	09:31	PD090936.D	9.06	3.54
LBLK	LBLK	11/04/2025	12:35	PD090948.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/04/2025	13:29	PD090949.D	9.07	3.55
PB170348BSD	PB170348BSD	11/04/2025	13:52	PD090950.D	9.07	3.55
PB170348BS	PB170348BS	11/04/2025	14:22	PD090952.D	9.07	3.54
LBLK	LBLK	11/04/2025	16:31	PD090956.D	9.06	3.55
PSTDCCC050	PSTDCCC050	11/04/2025	16:44	PD090957.D	9.06	3.54
LBLK	LBLK	10/28/2025	14:17	PL097636.D	8.99	3.52
PEM	PEM	10/28/2025	14:30	PL097637.D	8.99	3.52
RESCHK	RESCHK	10/28/2025	14:44	PL097638.D	8.99	3.52
PSTDICCC100	PSTDICCC100	10/28/2025	14:57	PL097639.D	8.99	3.52
PSTDICCC075	PSTDICCC075	10/28/2025	15:11	PL097640.D	8.99	3.52
PSTDICCC050	PSTDICCC050	10/28/2025	15:25	PL097641.D	8.99	3.52
PSTDICCC025	PSTDICCC025	10/28/2025	15:38	PL097642.D	9.00	3.52
PSTDICCC005	PSTDICCC005	10/28/2025	15:52	PL097643.D	8.99	3.52
PCHLORICC500	PCHLORICC500	10/28/2025	16:32	PL097646.D	8.99	3.52
PTOXICC500	PTOXICC500	10/28/2025	17:40	PL097651.D	8.99	3.52
LBLK	LBLK	10/31/2025	09:42	PL097699.D	9.00	3.52
PEM	PEM	10/31/2025	09:56	PL097700.D	9.00	3.52
PSTDCCC050	PSTDCCC050	10/31/2025	11:02	PL097701.D	9.01	3.52
PB170340BL	PB170340BL	10/31/2025	13:06	PL097704.D	9.01	3.52
PB170340BS	PB170340BS	10/31/2025	13:19	PL097705.D	9.00	3.52
SB-1025-2	Q3495-02	10/31/2025	13:33	PL097706.D	9.00	3.52
SB-1025-2MS	Q3495-02MS	10/31/2025	13:47	PL097707.D	9.00	3.52
SB-1025-2MSD	Q3495-02MSD	10/31/2025	14:00	PL097708.D	9.00	3.52

Analytical Sequence

I.BLK	I.BLK	10/31/2025	15:49	PL097714.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/31/2025	16:03	PL097715.D	9.00	3.53

Analytical Sequence

Client: Remington & Vernick Engineers	SDG No.: Q3495
Project: Maclearie Park	Instrument ID: ECD_D
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/17/2025 10/17/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
LBLK	LBLK	10/17/2025	10:53	PD090647.D	8.06	2.88
PEM	PEM	10/17/2025	11:07	PD090648.D	8.06	2.88
RESCHK	RESCHK	10/17/2025	11:20	PD090649.D	8.06	2.87
PSTDICCC100	PSTDICCC100	10/17/2025	11:34	PD090650.D	8.06	2.87
PSTDICCC075	PSTDICCC075	10/17/2025	11:48	PD090651.D	8.06	2.88
PSTDICCC050	PSTDICCC050	10/17/2025	12:01	PD090652.D	8.06	2.88
PSTDICCC025	PSTDICCC025	10/17/2025	12:15	PD090653.D	8.06	2.87
PSTDICCC005	PSTDICCC005	10/17/2025	12:28	PD090654.D	8.06	2.87
PCHLORICCC500	PCHLORICCC500	10/17/2025	13:09	PD090657.D	8.06	2.87
PTOXICCC500	PTOXICCC500	10/17/2025	14:17	PD090662.D	8.06	2.88
LBLK	LBLK	10/31/2025	10:06	PD090924.D	8.06	2.87
PEM	PEM	10/31/2025	10:20	PD090925.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/31/2025	11:09	PD090926.D	8.07	2.87
PB170348BL	PB170348BL	10/31/2025	14:37	PD090927.D	8.07	2.87
TW-1025-1	Q3495-03	10/31/2025	15:34	PD090931.D	8.06	2.87
LBLK	LBLK	10/31/2025	15:48	PD090932.D	8.06	2.88
PSTDCCC050	PSTDCCC050	10/31/2025	16:01	PD090933.D	8.06	2.87
PEM	PEM	11/04/2025	09:31	PD090936.D	8.06	2.87
LBLK	LBLK	11/04/2025	12:35	PD090948.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/04/2025	13:29	PD090949.D	8.06	2.87
PB170348BSD	PB170348BSD	11/04/2025	13:52	PD090950.D	8.06	2.87
PB170348BS	PB170348BS	11/04/2025	14:22	PD090952.D	8.06	2.87
LBLK	LBLK	11/04/2025	16:31	PD090956.D	8.06	2.87
PSTDCCC050	PSTDCCC050	11/04/2025	16:44	PD090957.D	8.06	2.87
LBLK	LBLK	10/28/2025	14:17	PL097636.D	7.98	2.82
PEM	PEM	10/28/2025	14:30	PL097637.D	7.98	2.82
RESCHK	RESCHK	10/28/2025	14:44	PL097638.D	7.98	2.82
PSTDICCC100	PSTDICCC100	10/28/2025	14:57	PL097639.D	7.98	2.82
PSTDICCC075	PSTDICCC075	10/28/2025	15:11	PL097640.D	7.98	2.82
PSTDICCC050	PSTDICCC050	10/28/2025	15:25	PL097641.D	7.98	2.82
PSTDICCC025	PSTDICCC025	10/28/2025	15:38	PL097642.D	7.98	2.82
PSTDICCC005	PSTDICCC005	10/28/2025	15:52	PL097643.D	7.98	2.82
PCHLORICCC500	PCHLORICCC500	10/28/2025	16:32	PL097646.D	7.98	2.82
PTOXICCC500	PTOXICCC500	10/28/2025	17:40	PL097651.D	7.98	2.82
LBLK	LBLK	10/31/2025	09:42	PL097699.D	7.98	2.82
PEM	PEM	10/31/2025	09:56	PL097700.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/31/2025	11:02	PL097701.D	7.98	2.82
PB170340BL	PB170340BL	10/31/2025	13:06	PL097704.D	7.99	2.82
PB170340BS	PB170340BS	10/31/2025	13:19	PL097705.D	7.98	2.82
SB-1025-2	Q3495-02	10/31/2025	13:33	PL097706.D	7.98	2.82
SB-1025-2MS	Q3495-02MS	10/31/2025	13:47	PL097707.D	7.98	2.82
SB-1025-2MSD	Q3495-02MSD	10/31/2025	14:00	PL097708.D	7.98	2.82

Analytical Sequence

I.BLK	I.BLK	10/31/2025	15:49	PL097714.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/31/2025	16:03	PL097715.D	7.98	2.82

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170340BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170340BS

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.75	6.70	6.80	17.0	9.9
	2	5.99	5.94	6.04	15.4	
4,4'-DDD	1	6.67	6.62	6.72	18.0	11.1
	2	5.85	5.80	5.90	16.1	
4,4'-DDT	1	6.98	6.93	7.03	16.3	9
	2	6.10	6.05	6.15	14.9	
Endrin aldehyde	1	6.87	6.82	6.92	16.3	13.8
	2	6.17	6.12	6.22	14.2	
Endosulfan sulfate	1	7.11	7.06	7.16	16.4	8.9
	2	6.39	6.34	6.44	15.0	
Methoxychlor	1	7.45	7.40	7.50	15.2	6.8
	2	6.67	6.62	6.72	14.2	
Endrin ketone	1	7.59	7.54	7.64	16.8	4.3
	2	6.90	6.85	6.95	16.1	
alpha-BHC	1	3.97	3.92	4.02	17.0	0.6
	2	3.33	3.28	3.38	16.9	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	17.0	0.6
	2	3.66	3.61	3.71	16.9	
Heptachlor	1	4.89	4.84	4.94	17.1	4.2
	2	4.01	3.96	4.06	16.4	
Aldrin	1	5.23	5.18	5.28	16.6	1.2
	2	4.29	4.24	4.34	16.8	
beta-BHC	1	4.49	4.44	4.54	17.1	7.3
	2	3.95	3.90	4.00	15.9	
delta-BHC	1	4.73	4.68	4.78	17.4	4.1
	2	4.19	4.14	4.24	16.7	
Heptachlor epoxide	1	5.65	5.60	5.70	16.0	1.9
	2	4.79	4.74	4.84	16.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170340BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170340BS

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.03	5.98	6.08	16.1	1.9
	2	5.16	5.11	5.21	15.8	
gamma-Chlordane	1	5.90	5.85	5.95	16.5	3.1
	2	5.04	4.99	5.09	16.0	
alpha-Chlordane	1	5.98	5.93	6.03	16.2	0.6
	2	5.11	5.06	5.16	16.1	
4,4'-DDE	1	6.15	6.10	6.20	16.8	3
	2	5.30	5.25	5.35	16.3	
Dieldrin	1	6.30	6.25	6.35	16.1	2.5
	2	5.43	5.38	5.48	16.5	
Endrin	1	6.53	6.48	6.58	16.0	7.8
	2	5.70	5.65	5.75	17.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170348BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170348BS

Date(s) Analyzed: 11/04/2025

11/04/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.70	6.65	6.75	0.50	1.2
	2	5.92	5.87	5.97	0.49	
4,4'-DDE	1	6.19	6.14	6.24	0.48	3.7
	2	5.36	5.31	5.41	0.50	
4,4'-DDT	1	7.02	6.97	7.07	0.48	2
	2	6.17	6.12	6.22	0.47	
alpha-BHC	1	3.99	3.94	4.04	0.52	1.6
	2	3.39	3.34	3.44	0.51	
Aldrin	1	5.26	5.21	5.31	0.51	1.5
	2	4.36	4.31	4.41	0.51	
alpha-Chlordane	1	6.02	5.97	6.07	0.49	3.1
	2	5.18	5.13	5.23	0.50	
Endosulfan II	1	6.78	6.73	6.83	0.48	2.8
	2	6.07	6.02	6.12	0.47	
Endosulfan sulfate	1	7.14	7.09	7.19	0.46	0.6
	2	6.47	6.42	6.52	0.46	
beta-BHC	1	4.51	4.46	4.56	0.50	0.9
	2	4.02	3.97	4.07	0.50	
delta-BHC	1	4.76	4.71	4.81	0.51	1.1
	2	4.25	4.20	4.30	0.51	
Endosulfan I	1	6.07	6.02	6.12	0.49	2.9
	2	5.24	5.19	5.29	0.50	
Dieldrin	1	6.34	6.29	6.39	0.49	1
	2	5.50	5.45	5.55	0.49	
Endrin aldehyde	1	6.91	6.86	6.96	0.45	0.4
	2	6.25	6.20	6.30	0.45	
Methoxychlor	1	7.49	7.44	7.54	0.48	6.2
	2	6.74	6.69	6.79	0.45	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170348BS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170348BS

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

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin ketone	1	7.63	7.58	7.68	0.46	4.9
	2	6.98	6.93	7.03	0.44	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	0.51	0.6
	2	3.72	3.67	3.77	0.51	
Heptachlor	1	4.92	4.87	4.97	0.63	16.3
	2	4.07	4.02	4.12	0.54	
Heptachlor epoxide	1	5.68	5.63	5.73	0.50	0.7
	2	4.86	4.81	4.91	0.50	
gamma-Chlordane	1	5.94	5.89	5.99	0.50	0.6
	2	5.12	5.07	5.17	0.50	
Endrin	1	6.57	6.52	6.62	0.48	1.3
	2	5.78	5.73	5.83	0.48	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170348BSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170348BSD

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

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.71	6.66	6.76	0.49	3.8
	2	5.92	5.87	5.97	0.47	
4,4'-DDT	1	7.02	6.97	7.07	0.48	3.2
	2	6.17	6.12	6.22	0.46	
alpha-BHC	1	4.00	3.95	4.05	0.52	1.9
	2	3.39	3.34	3.44	0.51	
Aldrin	1	5.27	5.22	5.32	0.51	1.3
	2	4.36	4.31	4.41	0.50	
beta-BHC	1	4.52	4.47	4.57	0.49	2
	2	4.02	3.97	4.07	0.50	
alpha-Chlordane	1	6.03	5.98	6.08	0.47	4.7
	2	5.18	5.13	5.23	0.49	
4,4'-DDE	1	6.20	6.15	6.25	0.48	0.4
	2	5.37	5.32	5.42	0.48	
Endosulfan II	1	6.79	6.74	6.84	0.48	5.2
	2	6.07	6.02	6.12	0.45	
Endrin aldehyde	1	6.92	6.87	6.97	0.44	0.2
	2	6.25	6.20	6.30	0.45	
Endosulfan sulfate	1	7.15	7.10	7.20	0.45	3.3
	2	6.47	6.42	6.52	0.44	
Methoxychlor	1	7.50	7.45	7.55	0.47	7.6
	2	6.74	6.69	6.79	0.43	
Endrin ketone	1	7.63	7.58	7.68	0.46	10.3
	2	6.98	6.93	7.03	0.41	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.51	1.5
	2	3.72	3.67	3.77	0.51	
Heptachlor	1	4.93	4.88	4.98	0.63	17.5
	2	4.07	4.02	4.12	0.53	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170348BSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: PB170348BSD

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

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
delta-BHC	1	4.77	4.72	4.82	0.51	1.6
	2	4.25	4.20	4.30	0.50	
Heptachlor epoxide	1	5.69	5.64	5.74	0.49	2.3
	2	4.86	4.81	4.91	0.50	
Endosulfan I	1	6.08	6.03	6.13	0.48	1.3
	2	5.24	5.19	5.29	0.49	
gamma-Chlordane	1	5.95	5.90	6.00	0.48	1.9
	2	5.12	5.07	5.17	0.49	
Dieldrin	1	6.35	6.30	6.40	0.49	1.5
	2	5.50	5.45	5.55	0.48	
Endrin	1	6.58	6.53	6.63	0.47	3.4
	2	5.78	5.73	5.83	0.46	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: Q3495-02MS

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.74	6.69	6.79	21.9	4.2
	2	5.99	5.94	6.04	21.0	
4,4'-DDD	1	6.66	6.61	6.71	23.3	13.8
	2	5.85	5.80	5.90	20.3	
4,4'-DDT	1	6.98	6.93	7.03	22.1	7
	2	6.10	6.05	6.15	20.6	
Endrin aldehyde	1	6.87	6.82	6.92	21.6	11.8
	2	6.17	6.12	6.22	19.2	
Endosulfan sulfate	1	7.11	7.06	7.16	21.9	8.1
	2	6.40	6.35	6.45	20.2	
Methoxychlor	1	7.45	7.40	7.50	21.5	9.2
	2	6.67	6.62	6.72	19.6	
Endrin ketone	1	7.59	7.54	7.64	21.7	8.7
	2	6.90	6.85	6.95	19.9	
alpha-BHC	1	3.97	3.92	4.02	22.1	1.8
	2	3.33	3.28	3.38	21.7	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	22.1	1.4
	2	3.66	3.61	3.71	21.8	
Heptachlor	1	4.89	4.84	4.94	22.9	6.8
	2	4.01	3.96	4.06	21.4	
Aldrin	1	5.23	5.18	5.28	21.7	0.5
	2	4.29	4.24	4.34	21.8	
beta-BHC	1	4.49	4.44	4.54	22.5	8.3
	2	3.96	3.91	4.01	20.7	
delta-BHC	1	4.73	4.68	4.78	23.0	5.8
	2	4.19	4.14	4.24	21.7	
Heptachlor epoxide	1	5.65	5.60	5.70	21.1	1.9
	2	4.79	4.74	4.84	21.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MS

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: Q3495-02MS

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.03	5.98	6.08	21.4	0.9
	2	5.16	5.11	5.21	21.2	
gamma-Chlordane	1	5.90	5.85	5.95	21.9	3.7
	2	5.04	4.99	5.09	21.1	
alpha-Chlordane	1	5.98	5.93	6.03	21.4	0.5
	2	5.11	5.06	5.16	21.3	
4,4'-DDE	1	6.16	6.11	6.21	22.6	5
	2	5.30	5.25	5.35	21.5	
Dieldrin	1	6.30	6.25	6.35	21.5	0.5
	2	5.43	5.38	5.48	21.6	
Endrin	1	6.53	6.48	6.58	21.2	4.2
	2	5.70	5.65	5.75	22.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: Q3495-02MSD

Date(s) Analyzed: 10/31/2025

10/31/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan sulfate	1	7.11	7.06	7.16	22.3	7
	2	6.40	6.35	6.45	20.8	
Methoxychlor	1	7.45	7.40	7.50	21.4	6.8
	2	6.67	6.62	6.72	20.0	
Endrin ketone	1	7.59	7.54	7.64	22.3	8.4
	2	6.90	6.85	6.95	20.5	
alpha-BHC	1	3.97	3.92	4.02	22.7	1.8
	2	3.33	3.28	3.38	22.3	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	22.6	0.9
	2	3.66	3.61	3.71	22.4	
Heptachlor	1	4.89	4.84	4.94	23.5	8
	2	4.01	3.96	4.06	21.7	
Aldrin	1	5.23	5.18	5.28	22.2	0.9
	2	4.29	4.24	4.34	22.4	
beta-BHC	1	4.49	4.44	4.54	23.0	8.1
	2	3.96	3.91	4.01	21.2	
delta-BHC	1	4.73	4.68	4.78	23.6	5.7
	2	4.19	4.14	4.24	22.3	
Heptachlor epoxide	1	5.65	5.60	5.70	21.6	1.4
	2	4.79	4.74	4.84	21.9	
Endosulfan I	1	6.03	5.98	6.08	22.1	1.8
	2	5.16	5.11	5.21	21.7	
gamma-Chlordane	1	5.90	5.85	5.95	22.3	3.7
	2	5.04	4.99	5.09	21.5	
alpha-Chlordane	1	5.98	5.93	6.03	22.1	1.8
	2	5.11	5.06	5.16	21.7	
4,4'-DDE	1	6.16	6.11	6.21	23.3	5.7
	2	5.30	5.25	5.35	22.0	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SB-1025-2MSD

Lab Name: Alliance

Contract: REMI02

Lab Code: ACE

SDG NO.: Q3495

Lab Sample ID: Q3495-02MSD

Date(s) Analyzed: 10/31/2025 10/31/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Dieldrin	1	6.30	6.25	6.35	22.0	0
	2	5.43	5.38	5.48	22.0	
Endrin	1	6.53	6.48	6.58	21.7	3.6
	2	5.70	5.65	5.75	22.5	
Endosulfan II	1	6.75	6.70	6.80	22.4	4.1
	2	5.99	5.94	6.04	21.5	
4,4'-DDD	1	6.67	6.62	6.72	23.8	13
	2	5.85	5.80	5.90	20.9	
4,4'-DDT	1	6.98	6.93	7.03	22.4	6.5
	2	6.10	6.05	6.15	21.0	
Endrin aldehyde	1	6.87	6.82	6.92	22.2	11.9
	2	6.17	6.12	6.22	19.7	



QC SAMPLE DATA



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Maclearie Park		Date Received:	
Client Sample ID:	PB170340BL		SDG No.:	Q3495
Lab Sample ID:	PB170340BL		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: 10/31/25		

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	10/31/25 13:06	PB170340
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	10/31/25 13:06	PB170340
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	10/31/25 13:06	PB170340
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	10/31/25 13:06	PB170340
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	10/31/25 13:06	PB170340
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	10/31/25 13:06	PB170340
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	10/31/25 13:06	PB170340
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	10/31/25 13:06	PB170340
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	10/31/25 13:06	PB170340
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	10/31/25 13:06	PB170340
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	10/31/25 13:06	PB170340
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	10/31/25 13:06	PB170340
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	10/31/25 13:06	PB170340
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	10/31/25 13:06	PB170340
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	10/31/25 13:06	PB170340
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/31/25 13:06	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	18.9			20 - 144	94%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			19 - 148	100%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:06
Operator : AR\AJ
Sample : PB170340BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB170340BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.524	2.818	79274682	120.3E6	19.374	19.985
28) SA Decachlor...	9.007	7.985	56171213	85245821	18.880	15.949

Target Compounds

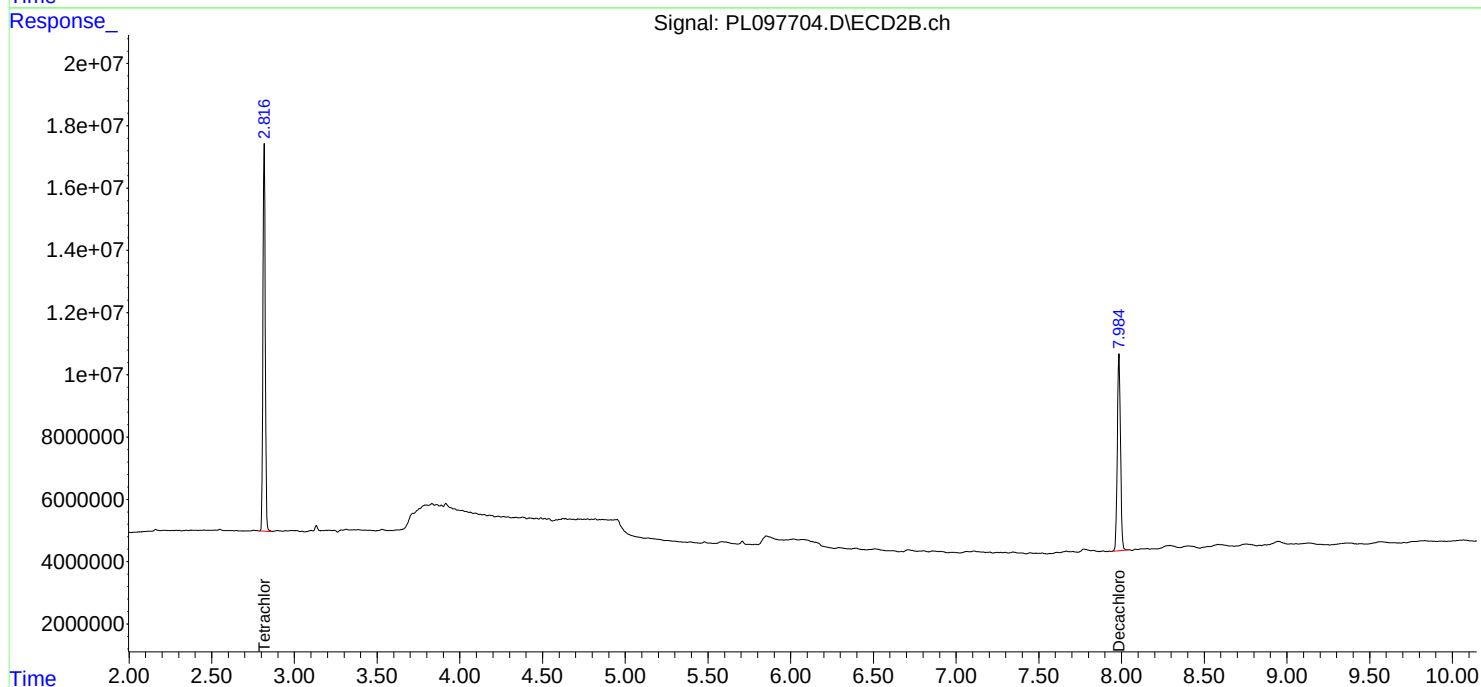
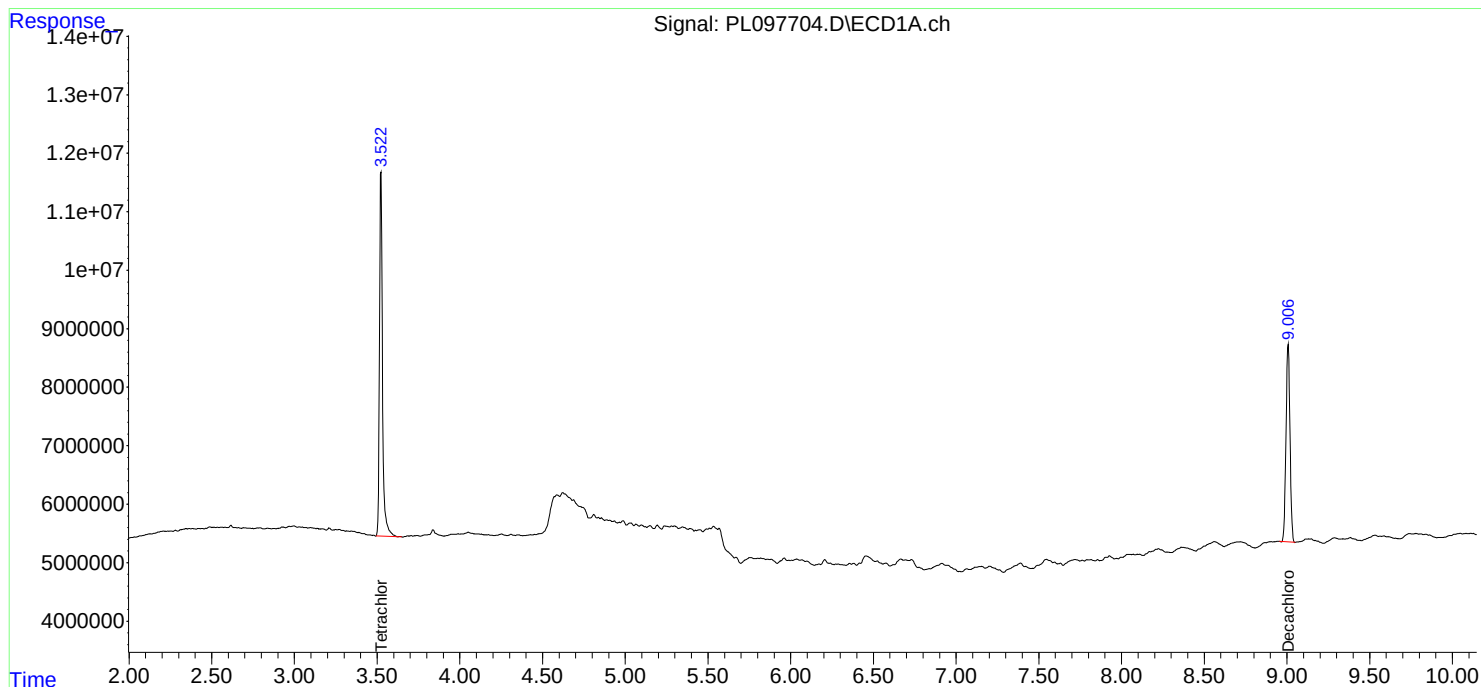
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

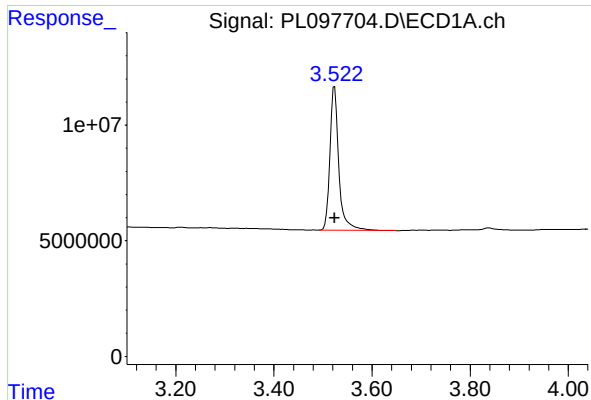
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:06
Operator : AR\AJ
Sample : PB170340BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB170340BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

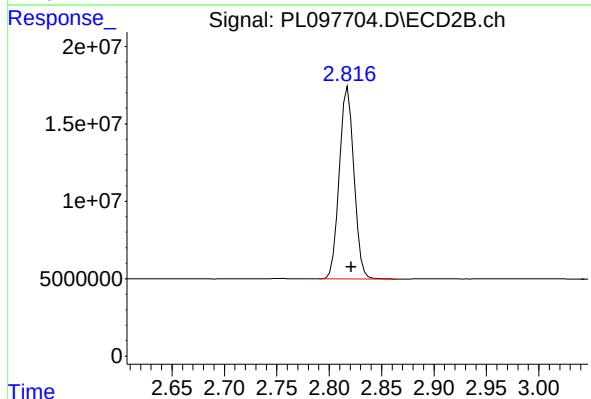




#1 Tetrachloro-m-xylene

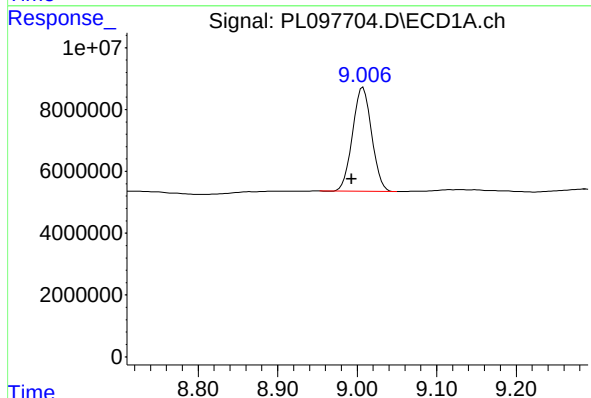
R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 79274682
Conc: 19.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170340BL



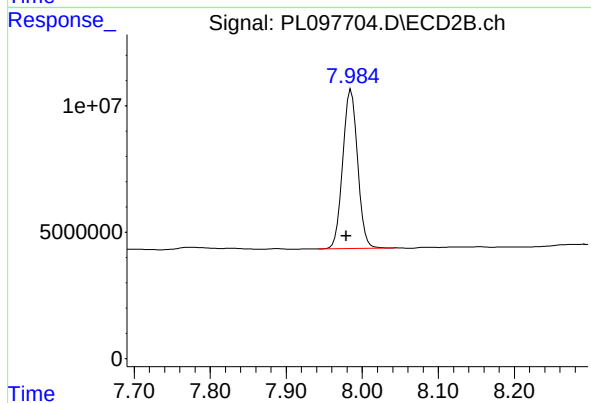
#1 Tetrachloro-m-xylene

R.T.: 2.818 min
Delta R.T.: -0.003 min
Response: 120288529
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.007 min
Delta R.T.: 0.014 min
Response: 56171213
Conc: 18.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: 0.006 min
Response: 85245821
Conc: 15.95 ng/ml



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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Maclearie Park
Client Sample ID: PB170348BL
Lab Sample ID: PB170348BL
Analytical Method: 8081B
Sample Wt/Vol: 1000 mL Final Vol: 10000 uL
Prep Method: 3510C Prep Date: 10/31/25

Date Collected:
Date Received:
SDG No.: Q3495
Matrix: WATER
% Solid: 0
Test: Pesticide-TCL

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	10/31/25 14:37	PB170348
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25 14:37	PB170348
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25 14:37	PB170348
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25 14:37	PB170348
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25 14:37	PB170348
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25 14:37	PB170348
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25 14:37	PB170348
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25 14:37	PB170348
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25 14:37	PB170348
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25 14:37	PB170348
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25 14:37	PB170348
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25 14:37	PB170348
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25 14:37	PB170348
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25 14:37	PB170348
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25 14:37	PB170348
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25 14:37	PB170348
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25 14:37	PB170348
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25 14:37	PB170348
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25 14:37	PB170348
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25 14:37	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25 14:37	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	27.2			57 - 171	136%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.4			61 - 148	112%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:37
Operator : AR\AJ
Sample : PB170348BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170348BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.552	2.873	58389156	667.3E6	18.750	22.409
28) SA Decachlor...	9.083	8.066	102.7E6	823.9E6	21.950	27.200

Target Compounds

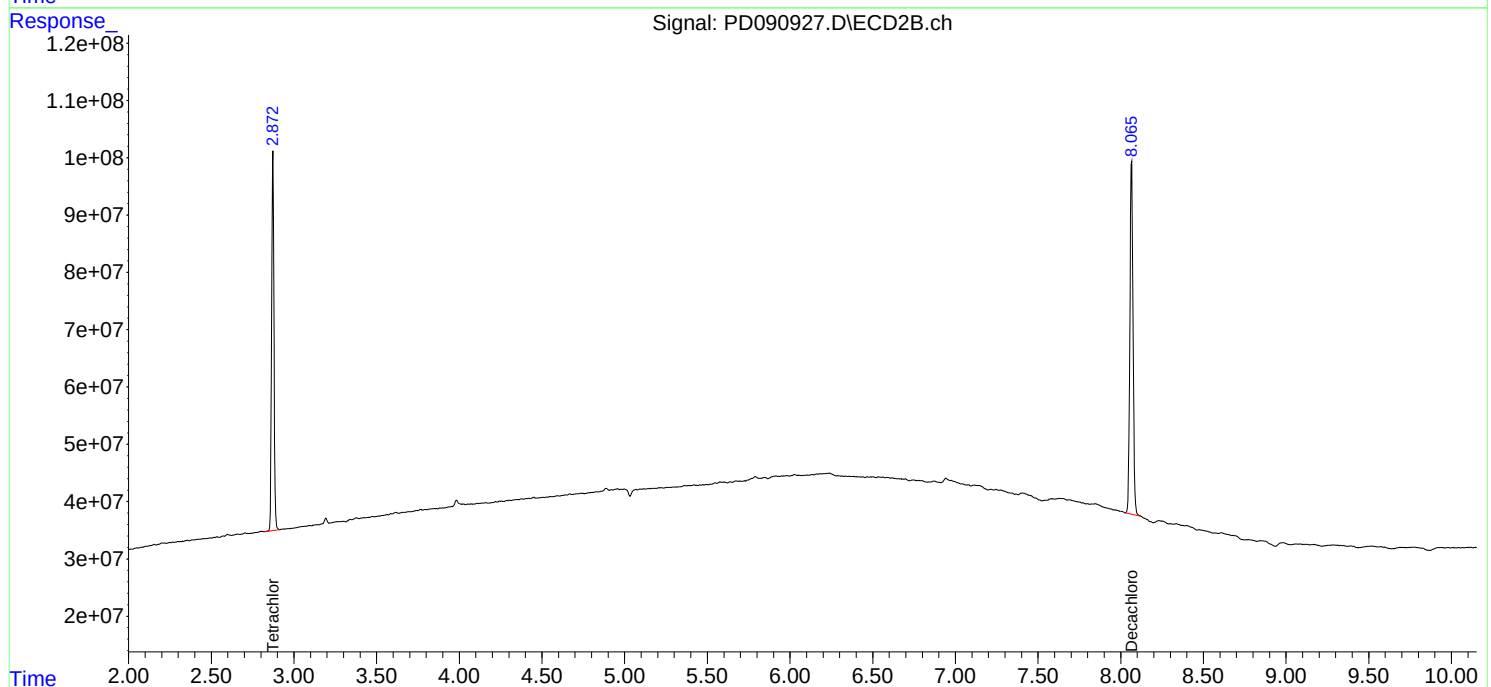
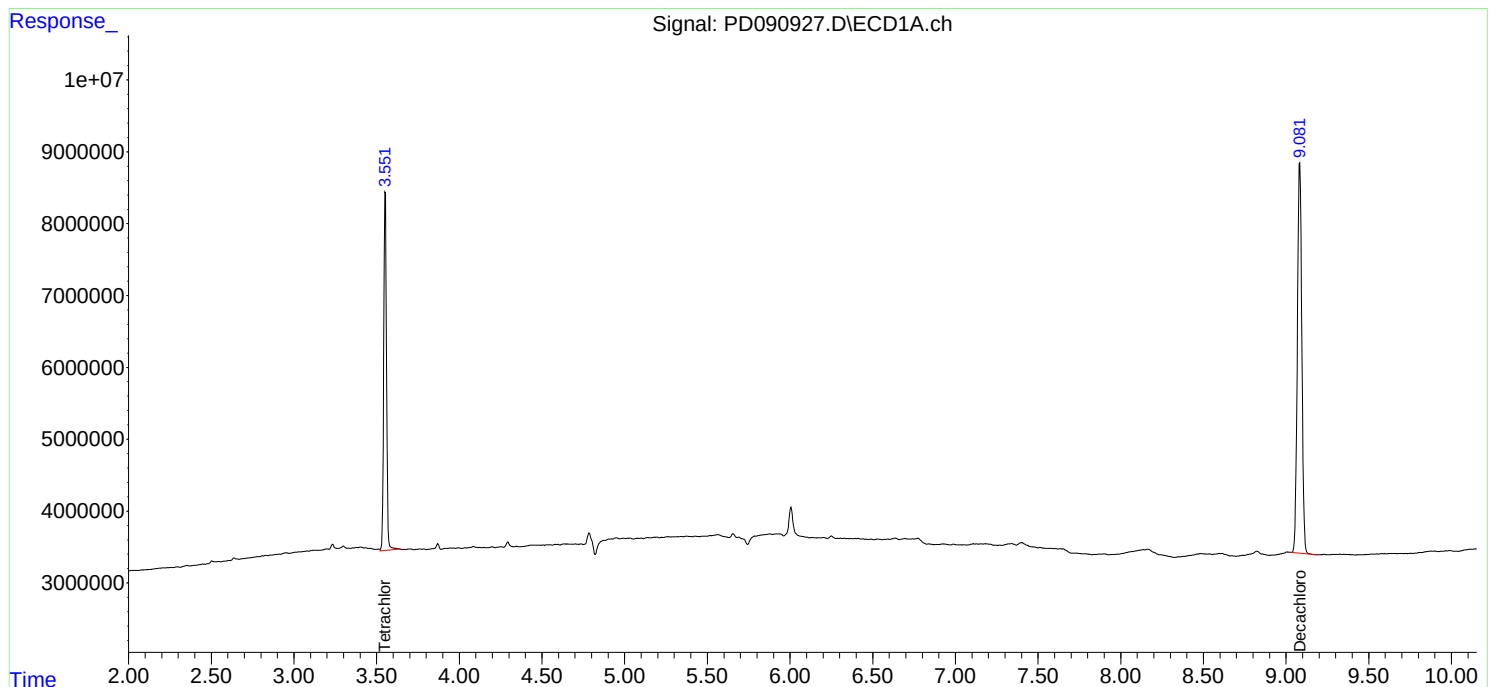
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

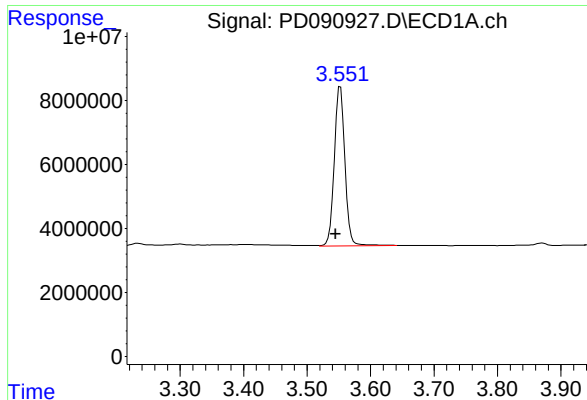
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:37
Operator : AR\AJ
Sample : PB170348BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170348BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

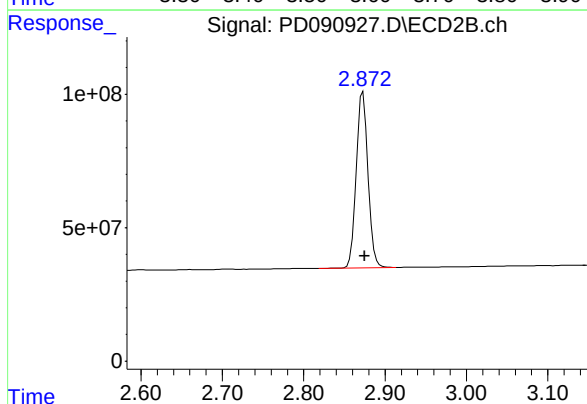




#1 Tetrachloro-m-xylene

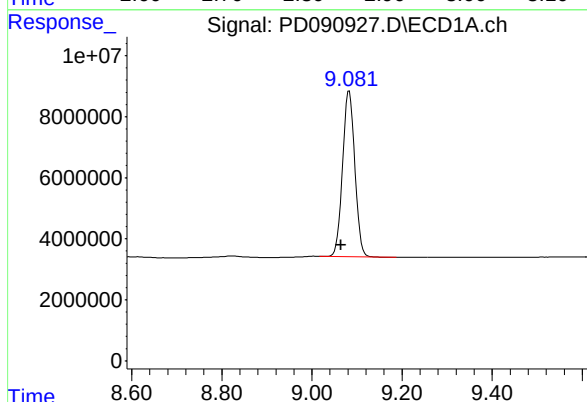
R.T.: 3.552 min
Delta R.T.: 0.007 min
Response: 58389156
Conc: 18.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170348BL



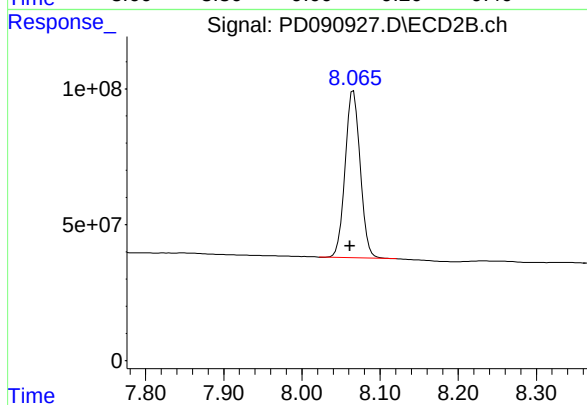
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 667273557
Conc: 22.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.018 min
Response: 102682607
Conc: 21.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.004 min
Response: 823925533
Conc: 27.20 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/17/25
Project:	Maclearie Park		Date Received:	10/17/25
Client Sample ID:	PIBLK-PD090647.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090647.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	10/17/25	pd101725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/17/25	pd101725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/17/25	pd101725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/17/25	pd101725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/17/25	pd101725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/17/25	pd101725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/17/25	pd101725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/17/25	pd101725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/17/25	pd101725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/17/25	pd101725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/17/25	pd101725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/17/25	pd101725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/17/25	pd101725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/17/25	pd101725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/17/25	pd101725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.3			57 - 171	106%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

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

Instrument :
 ECD_D
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 14:03:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 14:02:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	60526543	594.5E6	19.436	19.964
28)	SA Decachlor...	9.066	8.062	99514776	616.2E6	21.273	20.342

Target Compounds

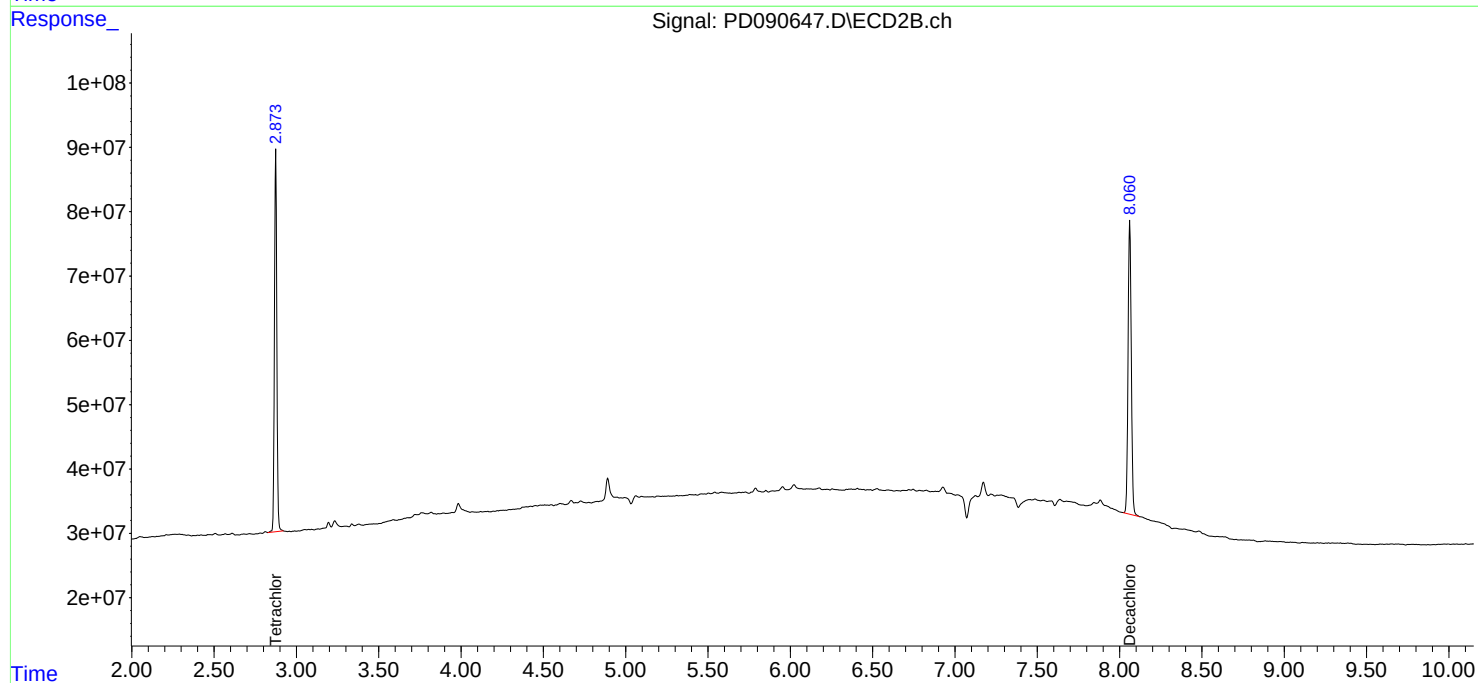
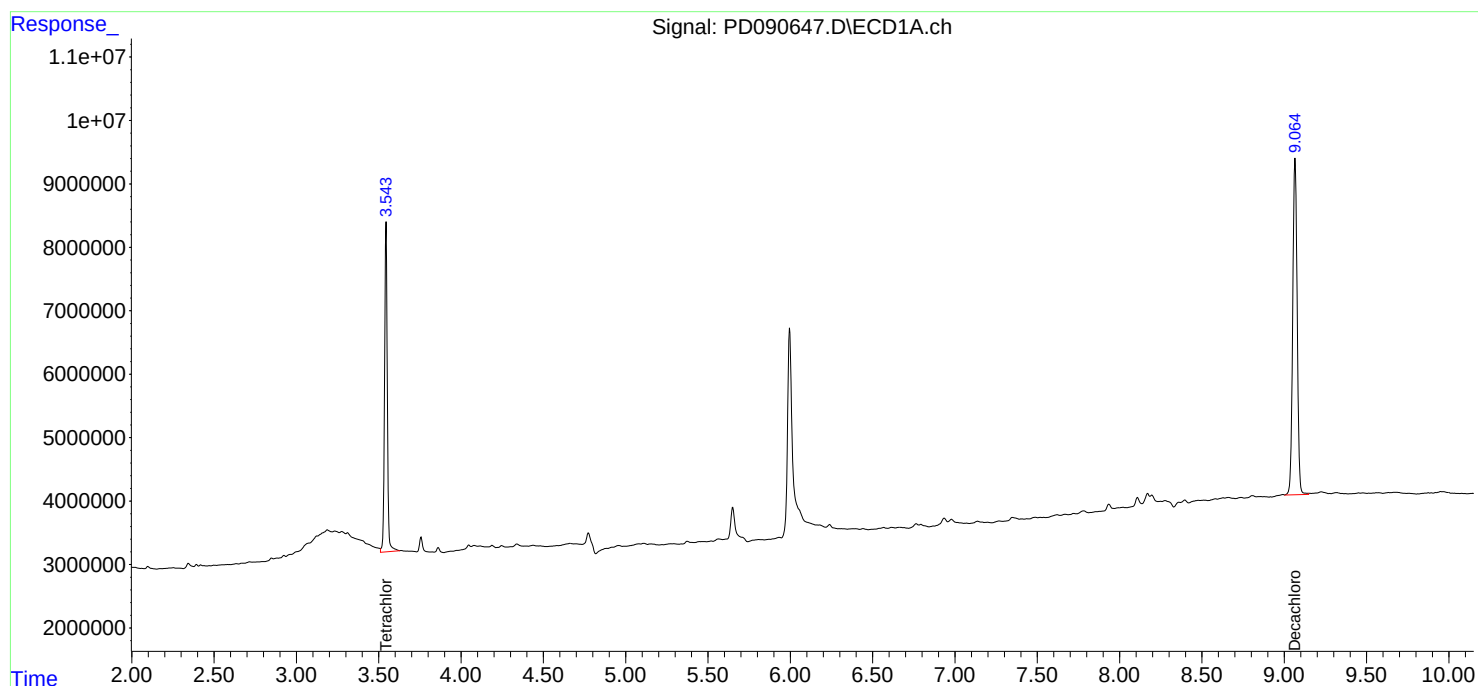
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

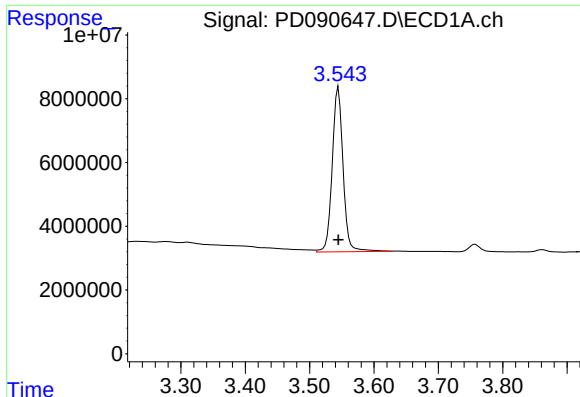
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 10:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 14:03:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 14:02:33 2025
Response via : Initial Calibration
Integrator: ChemStation

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

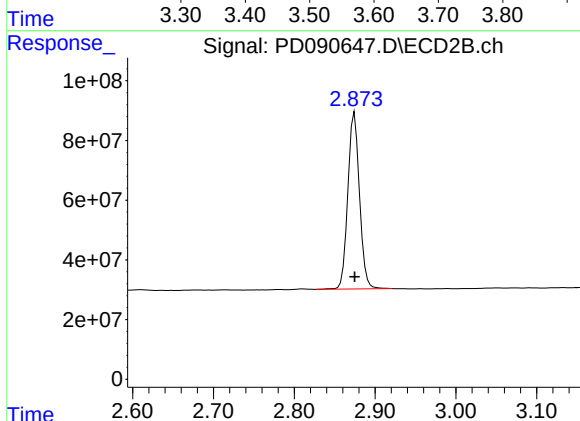




#1 Tetrachloro-m-xylene

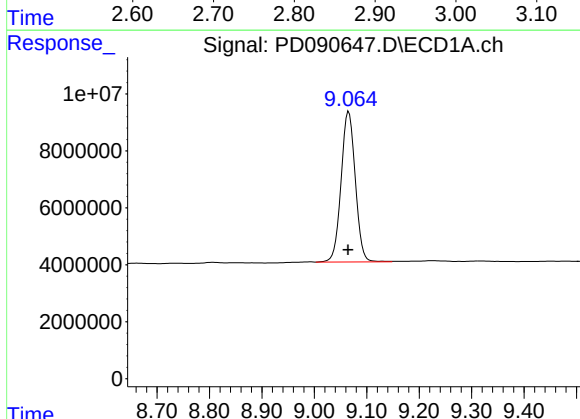
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60526543
Conc: 19.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



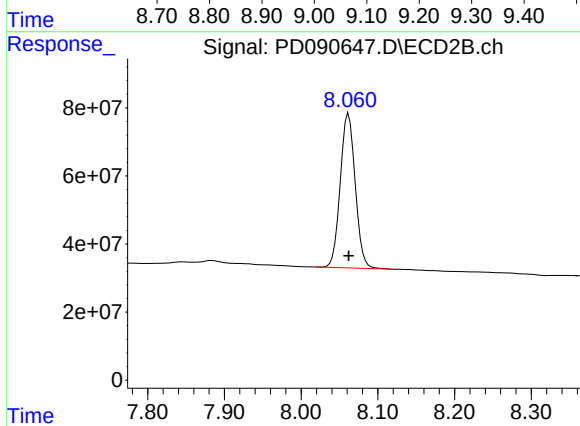
#1 Tetrachloro-m-xylene

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



#28 Decachlorobiphenyl

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



#28 Decachlorobiphenyl

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



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/31/25
Project:	Maclearie Park		Date Received:	10/31/25
Client Sample ID:	PIBLK-PD090924.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090924.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	10/31/25	pd103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pd103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pd103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pd103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pd103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pd103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pd103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pd103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pd103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pd103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pd103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.7			57 - 171	143%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.8			61 - 148	119%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 10:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.874	63597620	708.1E6	20.422	23.781
28) SA Decachlor...	9.071	8.063	104.3E6	868.7E6	22.295	28.678 #

Target Compounds

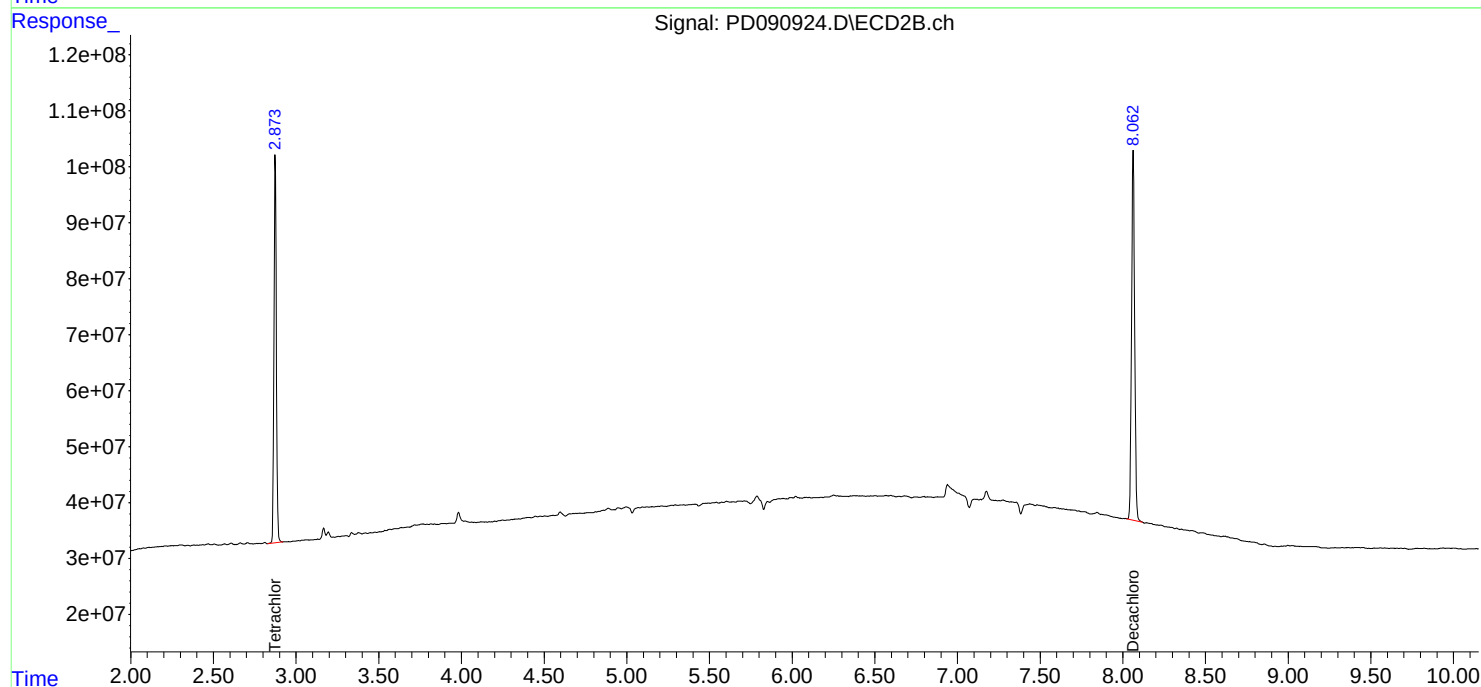
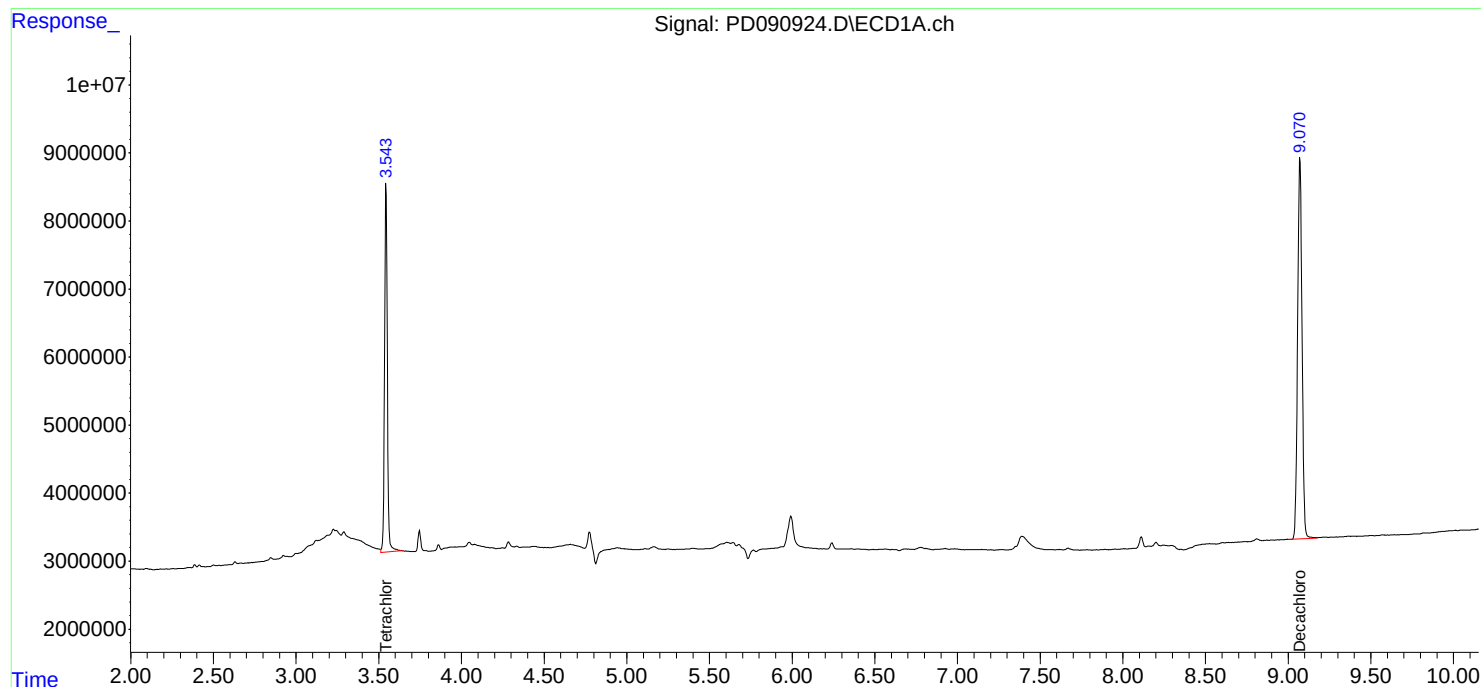
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

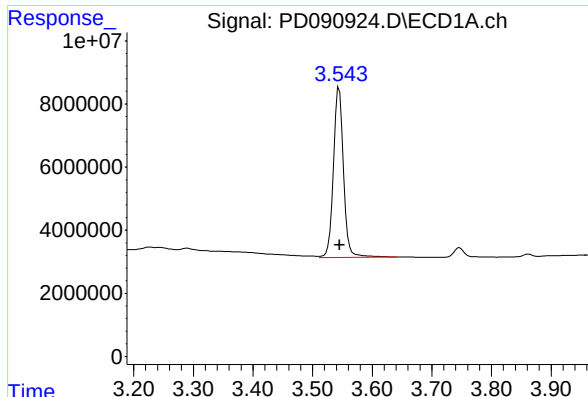
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 10:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:51:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

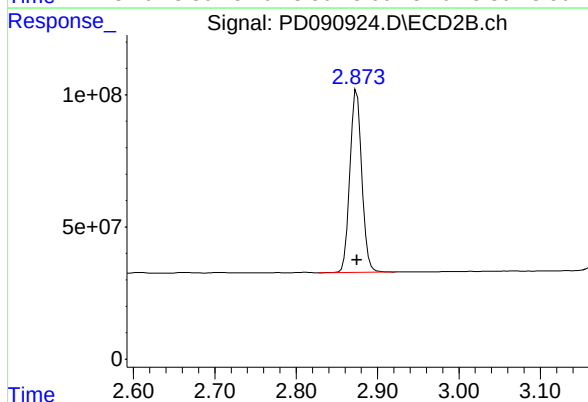




#1 Tetrachloro-m-xylene

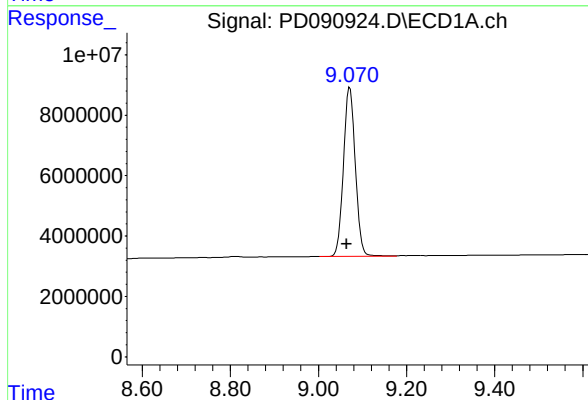
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 63597620
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



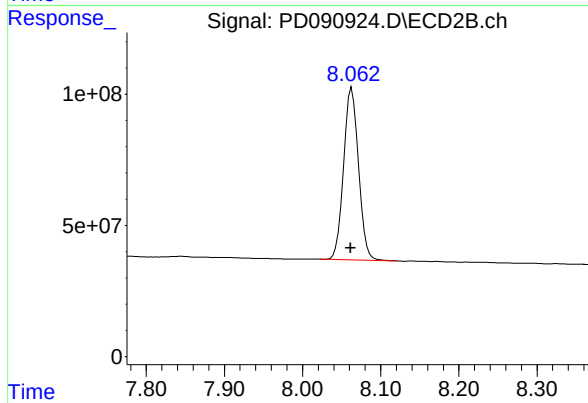
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 708142389
Conc: 23.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.007 min
Response: 104294841
Conc: 22.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.001 min
Response: 868697895
Conc: 28.68 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/31/25
Project:	Maclearie Park		Date Received:	10/31/25
Client Sample ID:	PIBLK-PD090932.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090932.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	10/31/25	pd103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pd103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pd103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pd103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pd103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pd103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pd103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pd103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pd103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pd103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pd103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pd103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pd103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pd103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pd103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	28.1			57 - 171	140%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.1			61 - 148	116%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
 Data File : PD090932.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 15:48
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:54:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.545	2.875	63214735	687.8E6	20.299	23.097
28) SA Decachlor...	9.071	8.063	102.6E6	850.5E6	21.931	28.078 #

Target Compounds

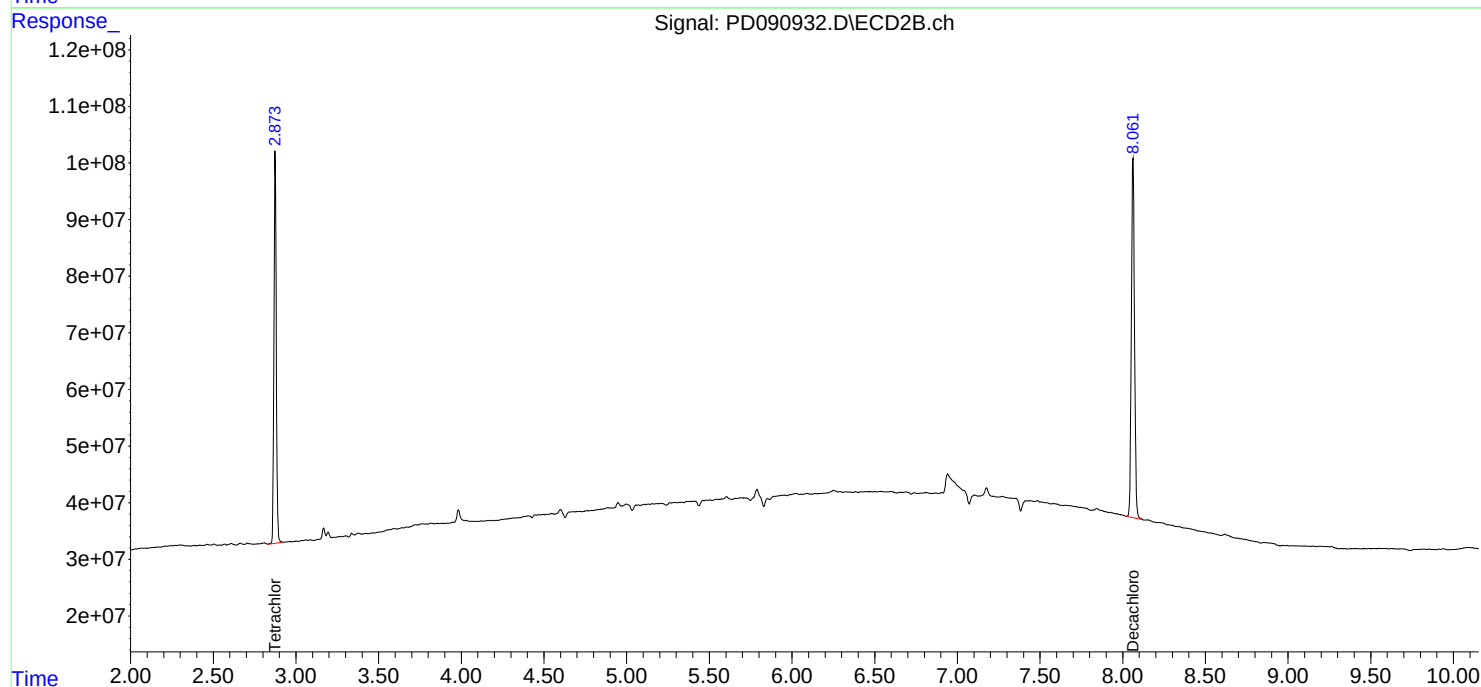
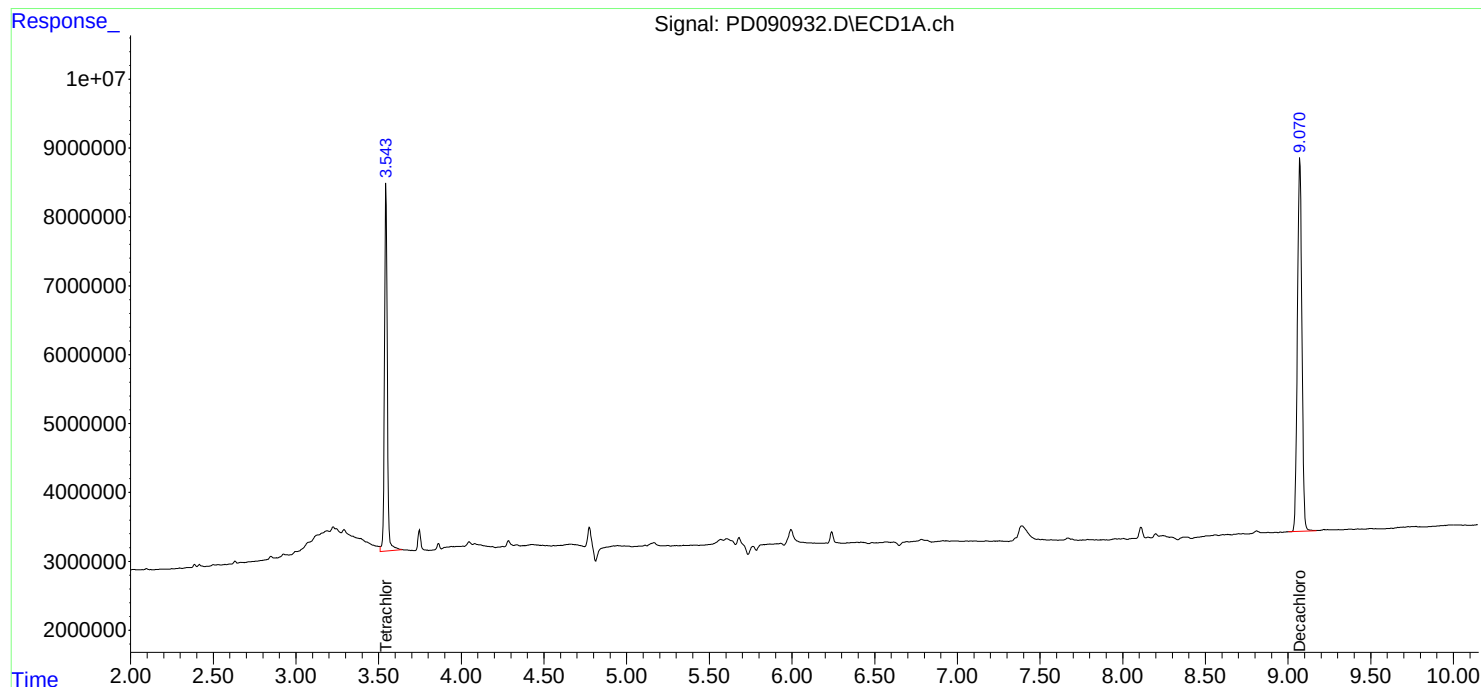
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

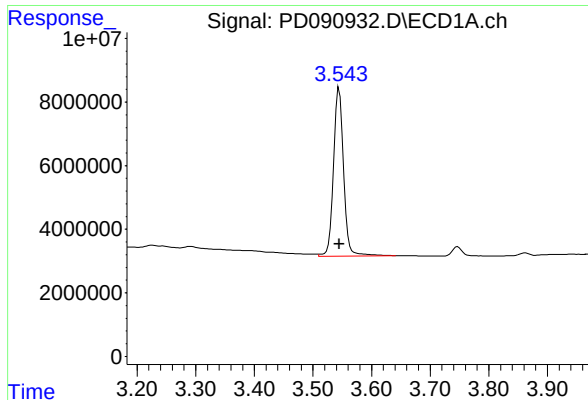
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD103125\
Data File : PD090932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 15:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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

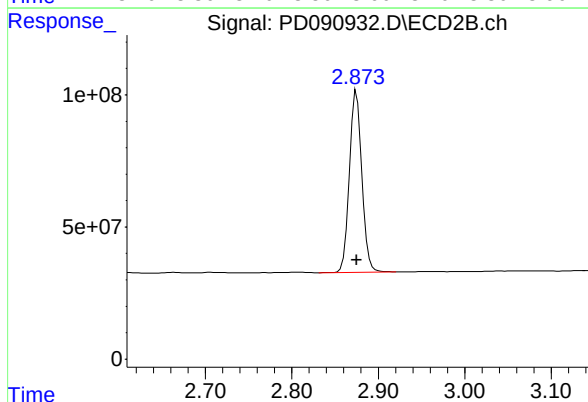




#1 Tetrachloro-m-xylene

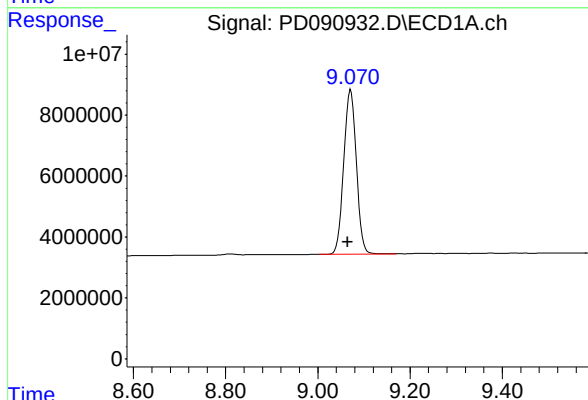
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 63214735
Conc: 20.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



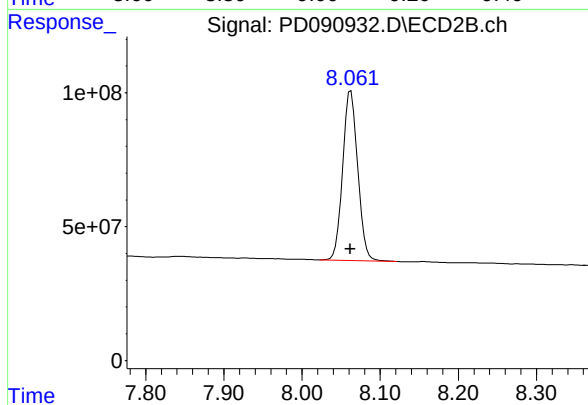
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 687751906
Conc: 23.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.007 min
Response: 102591511
Conc: 21.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 850531381
Conc: 28.08 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Maclearie Park		Date Received:	11/04/25
Client Sample ID:	PIBLK-PD090948.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090948.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	11/04/25	pd110425
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/04/25	pd110425
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25	pd110425
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25	pd110425
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/04/25	pd110425
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25	pd110425
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/04/25	pd110425
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/04/25	pd110425
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/04/25	pd110425
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/04/25	pd110425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25	pd110425
SURROGATES									
2051-24-3	Decachlorobiphenyl	17.7			57 - 171	89%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.9			61 - 148	99%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

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

Instrument :
ECD_D
ClientSampleId :
I.BLK

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

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

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

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

Target Compounds

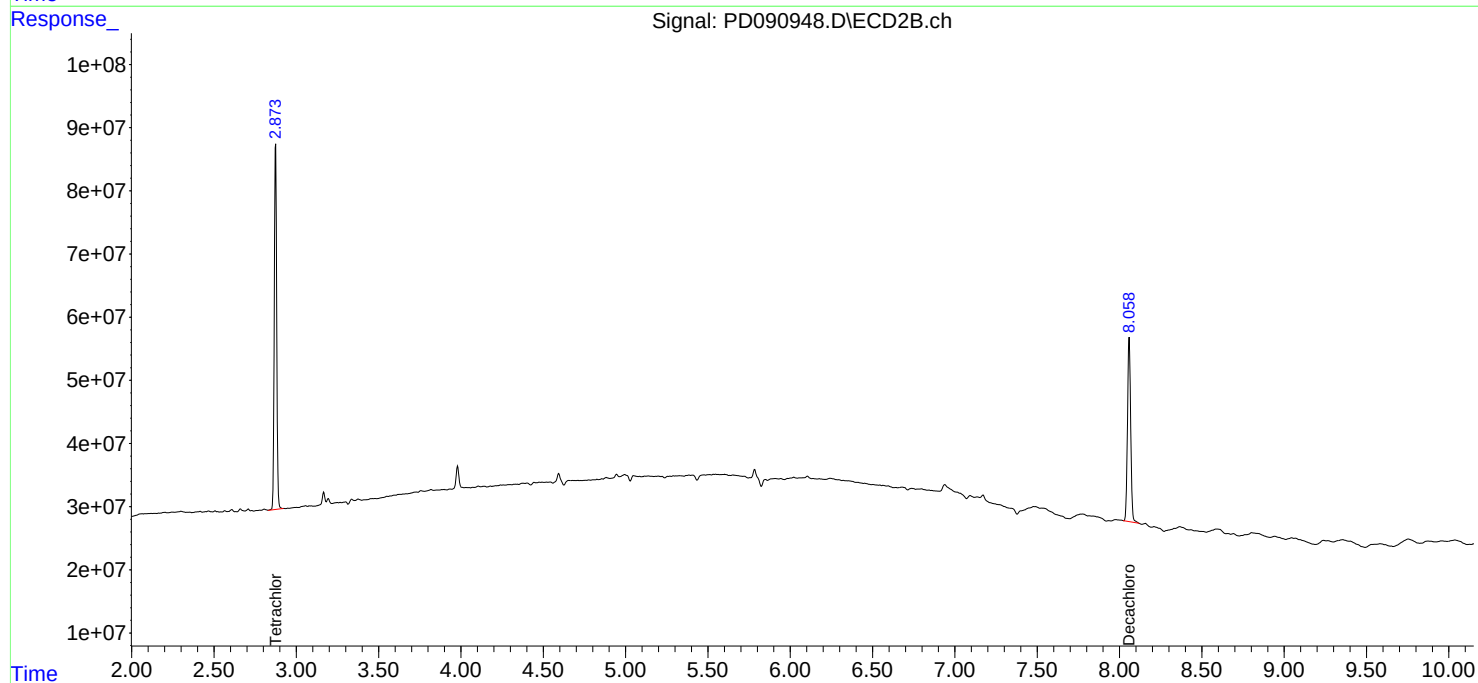
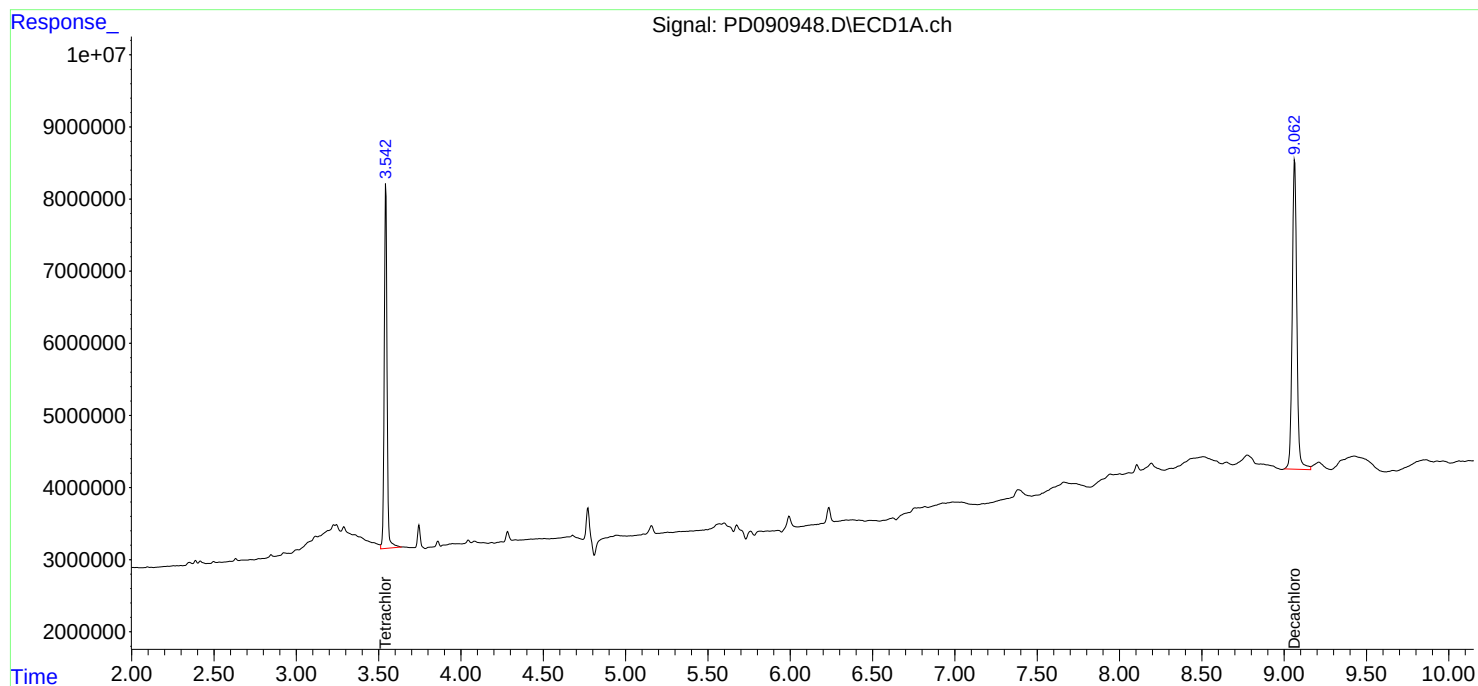
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

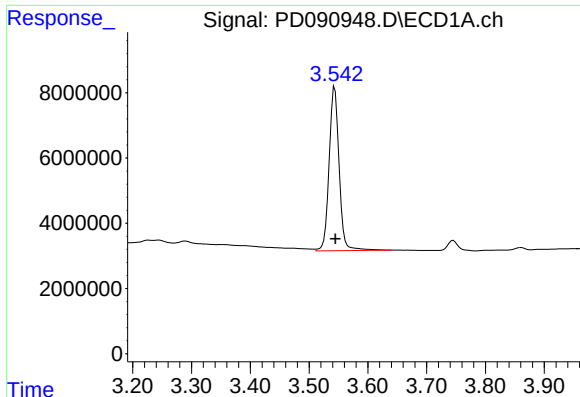
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 12:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

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

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

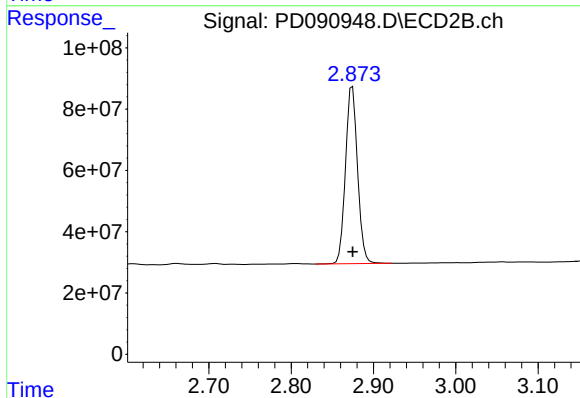




#1 Tetrachloro-m-xylene

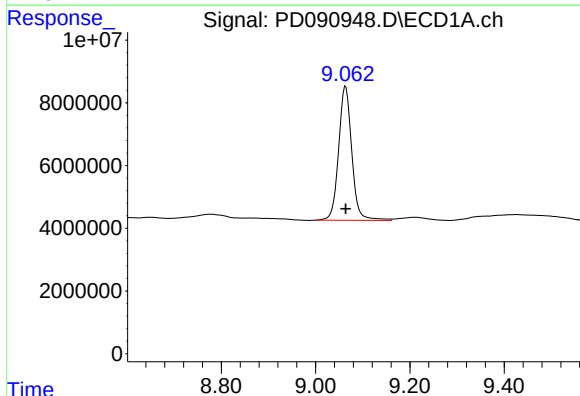
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 59808368
Conc: 19.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



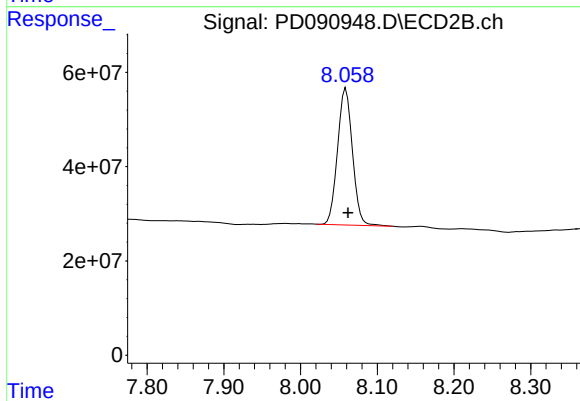
#1 Tetrachloro-m-xylene

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



#28 Decachlorobiphenyl

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



#28 Decachlorobiphenyl

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



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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Maclearie Park		Date Received:	11/04/25
Client Sample ID:	PIBLK-PD090956.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PD090956.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	11/04/25	pd110425
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	11/04/25	pd110425
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	11/04/25	pd110425
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	11/04/25	pd110425
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	11/04/25	pd110425
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	11/04/25	pd110425
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	11/04/25	pd110425
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	11/04/25	pd110425
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	11/04/25	pd110425
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	11/04/25	pd110425
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	11/04/25	pd110425
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	11/04/25	pd110425
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	11/04/25	pd110425
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	11/04/25	pd110425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25	pd110425
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.2			57 - 171	96%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	20.0			61 - 148	100%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

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

Instrument :
ECD_D
ClientSampleId :
I.BLK

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

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

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

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

Target Compounds

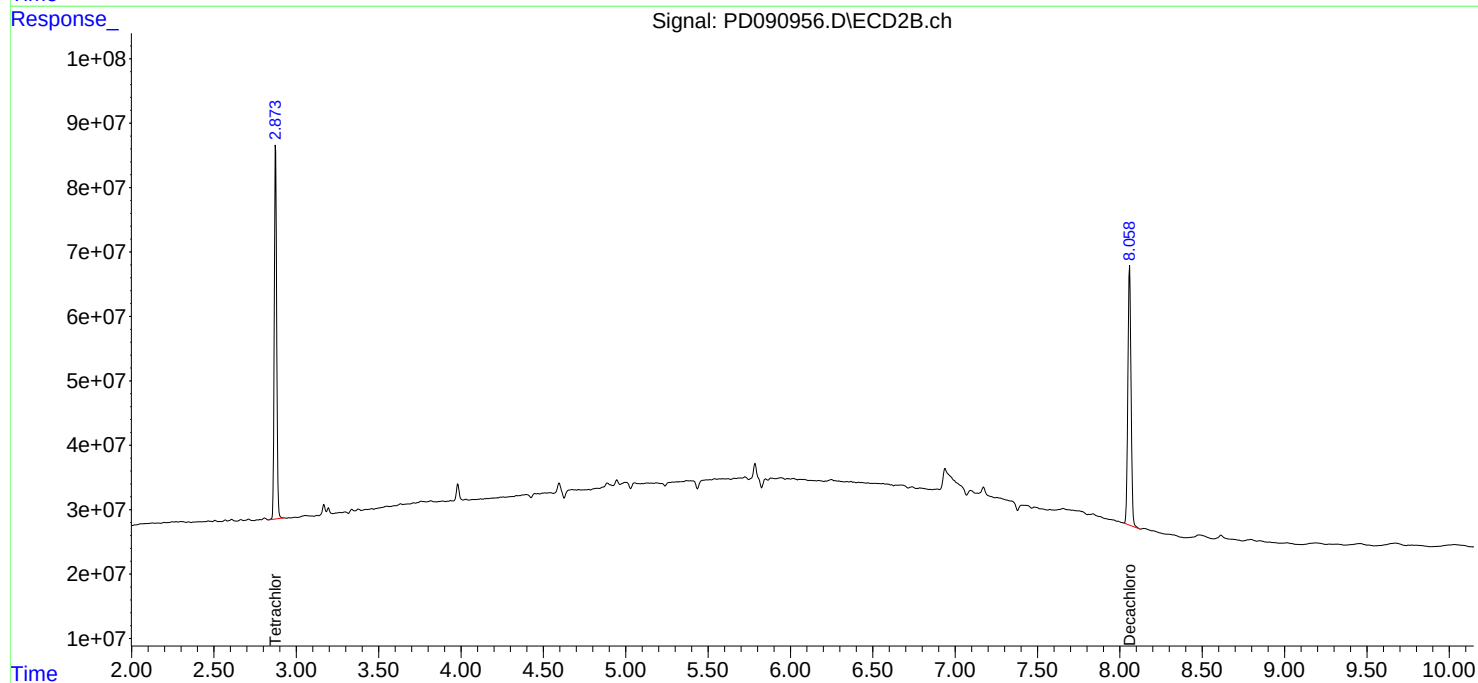
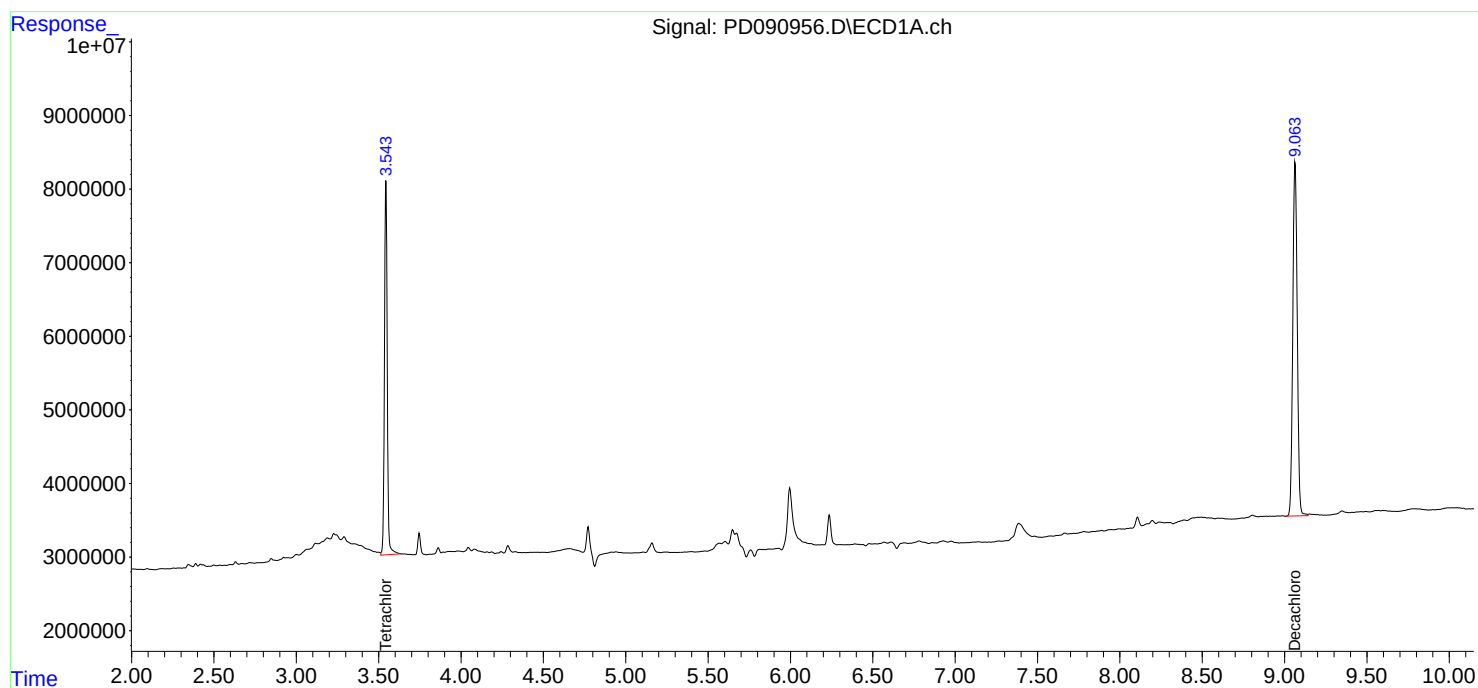
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

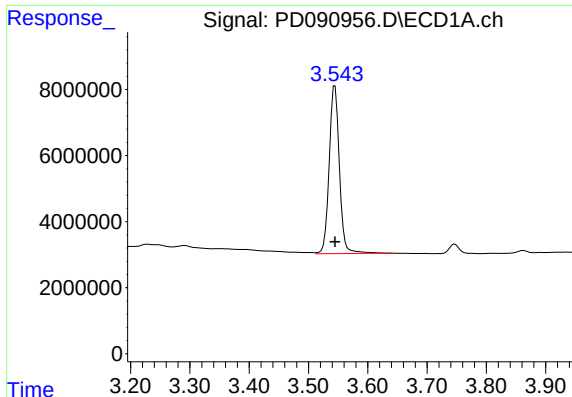
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 16:31
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

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

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

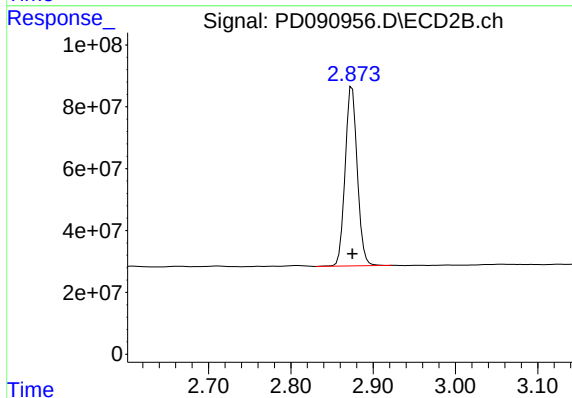




#1 Tetrachloro-m-xylene

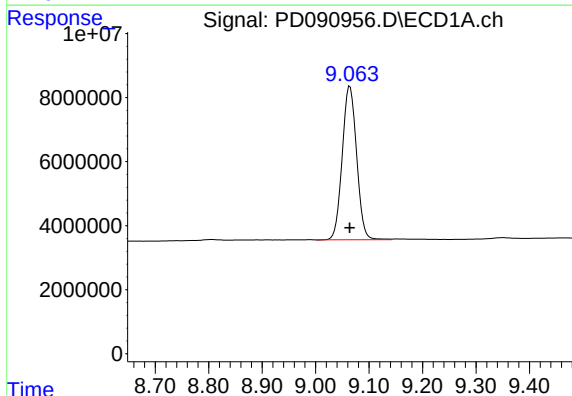
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 60878729
Conc: 19.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



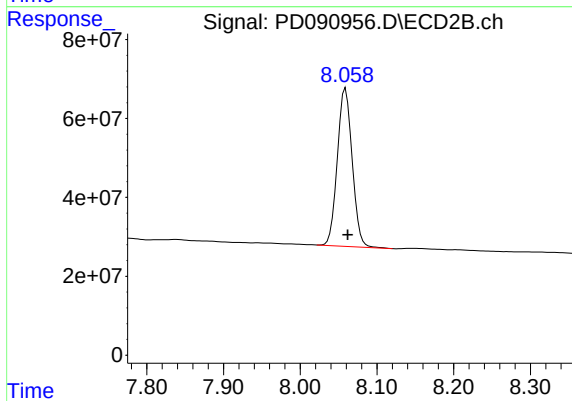
#1 Tetrachloro-m-xylene

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



#28 Decachlorobiphenyl

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



#28 Decachlorobiphenyl

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



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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/28/25
Project:	Maclearie Park		Date Received:	10/28/25
Client Sample ID:	PIBLK-PL097636.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PL097636.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	10/28/25	PL102825
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/28/25	PL102825
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/28/25	PL102825
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	PL102825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/28/25	PL102825
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	PL102825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/28/25	PL102825
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/28/25	PL102825
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/28/25	PL102825
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	PL102825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/28/25	PL102825
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/28/25	PL102825
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/28/25	PL102825
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/28/25	PL102825
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	PL102825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/28/25	PL102825
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/28/25	PL102825
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/28/25	PL102825
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/28/25	PL102825
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/28/25	PL102825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/28/25	PL102825
SURROGATES									
2051-24-3	Decachlorobiphenyl	20.2			57 - 171	101%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.7			61 - 148	94%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097636.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:17
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:15:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.523	2.822	73671775	112.7E6	18.004	18.720
28)	SA Decachlor...	8.994	7.978	59996950	107.7E6	20.166	20.146

Target Compounds

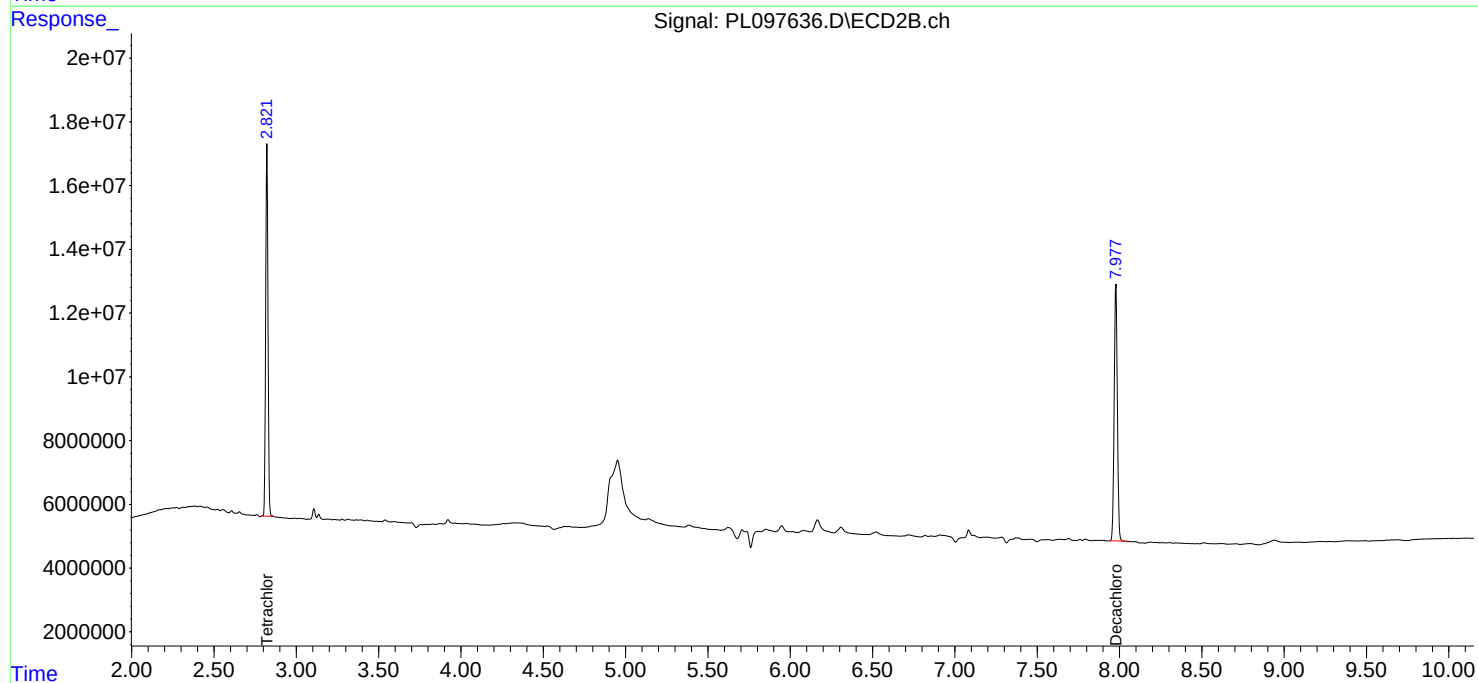
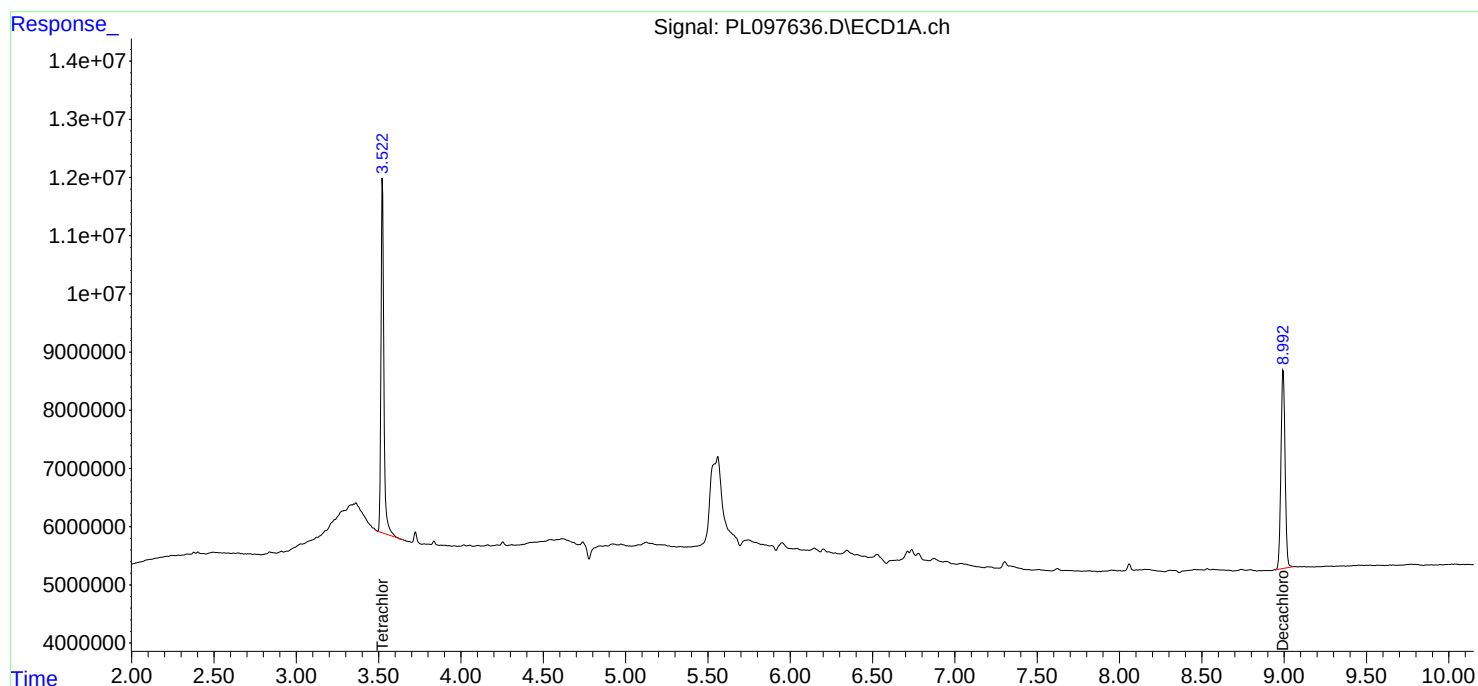
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

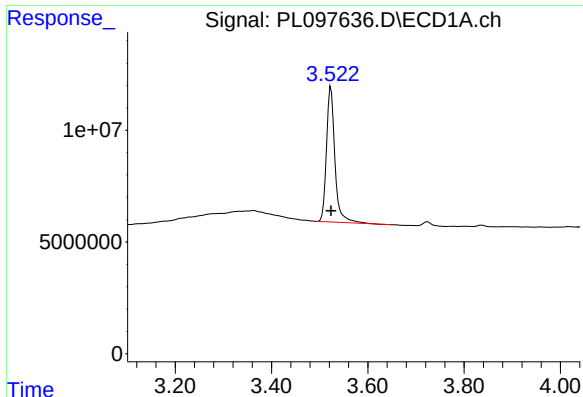
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102825\
Data File : PL097636.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:17
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 17:15:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

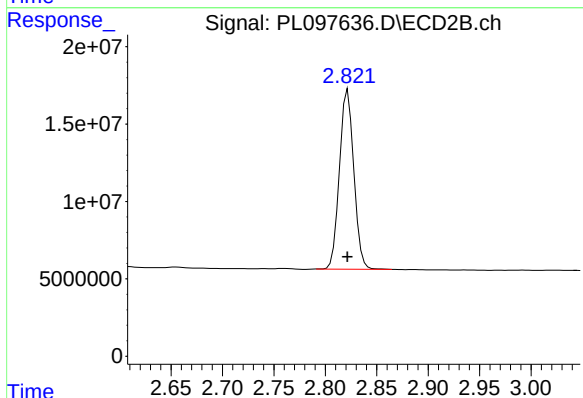




#1 Tetrachloro-m-xylene

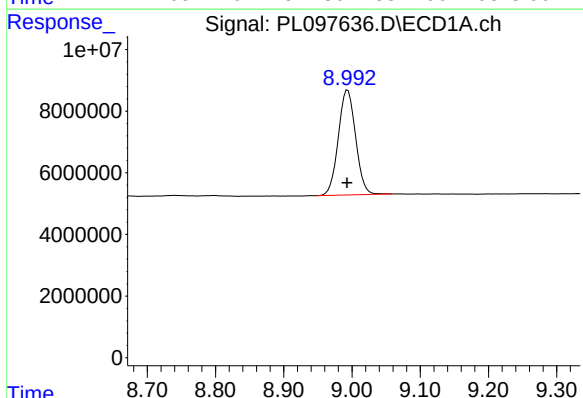
R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 73671775
Conc: 18.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



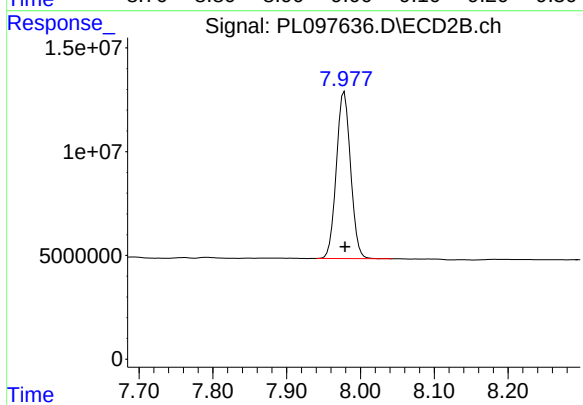
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 112676830
Conc: 18.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 59996950
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 107677910
Conc: 20.15 ng/ml



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Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/31/25
Project:	Maclearie Park		Date Received:	10/31/25
Client Sample ID:	PIBLK-PL097699.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PL097699.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	10/31/25	pl103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pl103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pl103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pl103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pl103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pl103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pl103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pl103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pl103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pl103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pl103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.7			57 - 171	113%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			61 - 148	118%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 09:42
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.822	96773409	138.0E6	23.650	22.932
28)	SA Decachlor...	9.002	7.984	67412544	107.2E6	22.658	20.065

Target Compounds

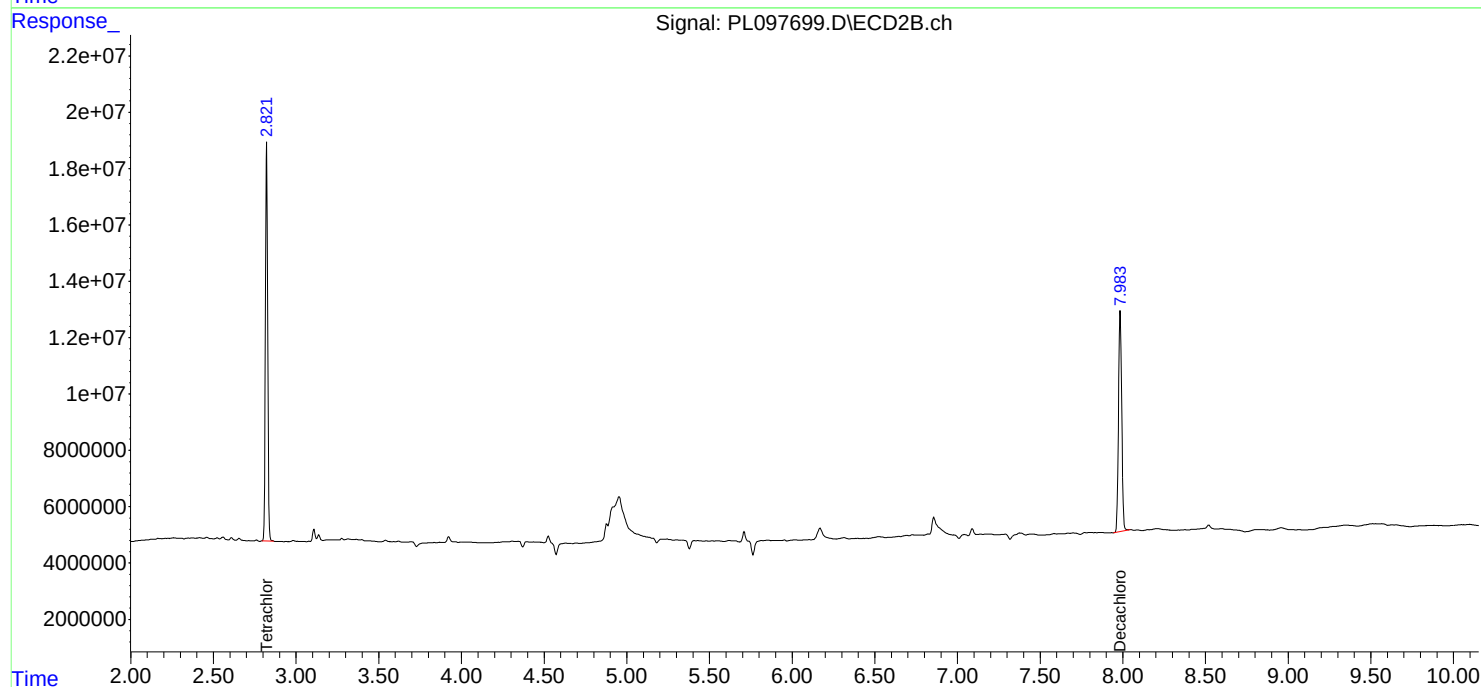
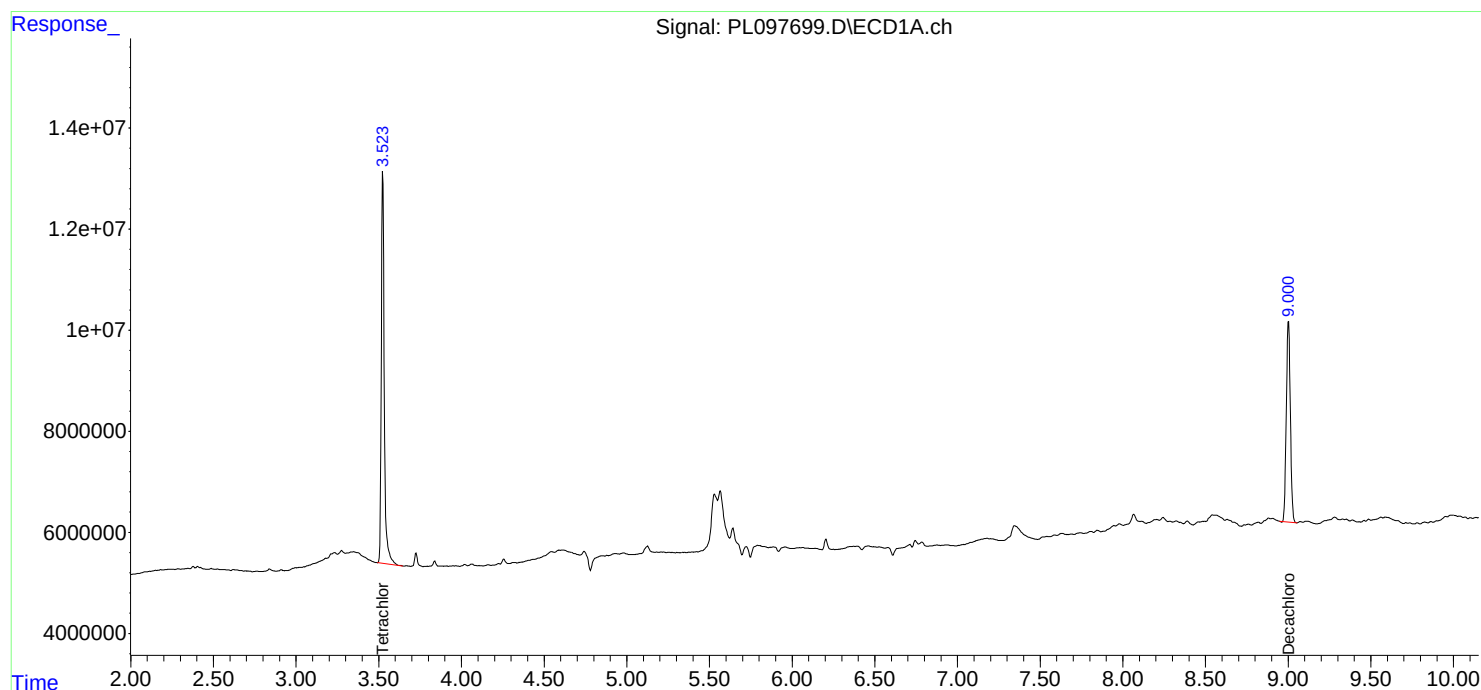
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

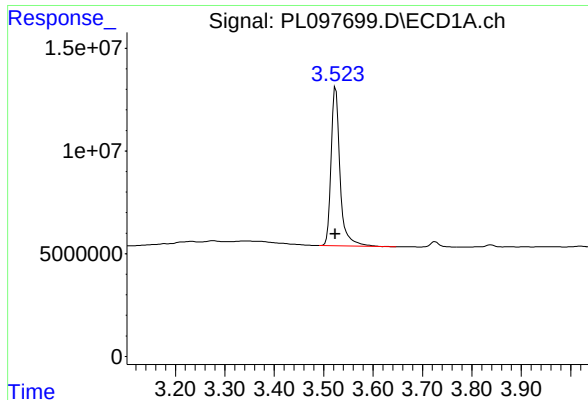
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 09:42
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:52:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

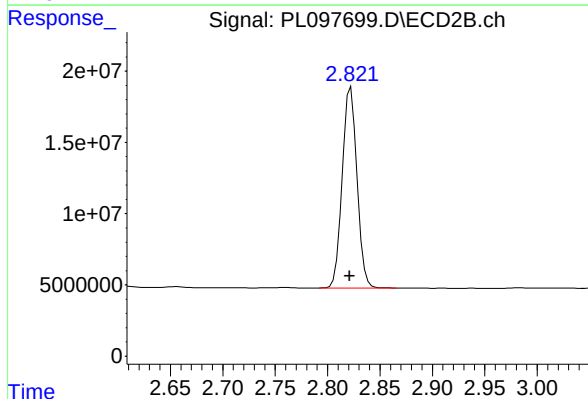




#1 Tetrachloro-m-xylene

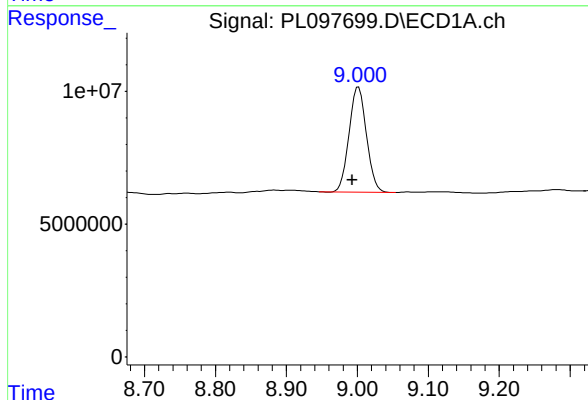
R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 96773409
Conc: 23.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



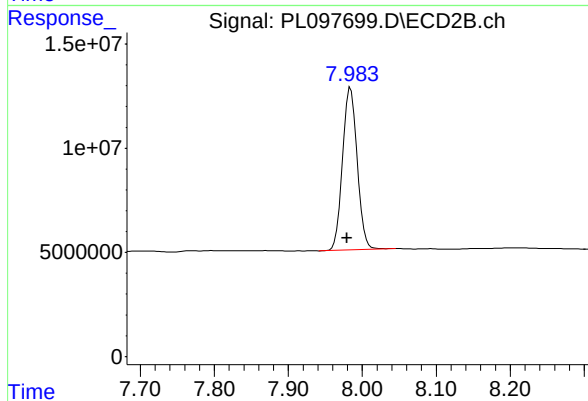
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 138028233
Conc: 22.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.002 min
Delta R.T.: 0.009 min
Response: 67412544
Conc: 22.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: 0.005 min
Response: 107243411
Conc: 20.07 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/31/25
Project:	Maclearie Park		Date Received:	10/31/25
Client Sample ID:	PIBLK-PL097714.D		SDG No.:	Q3495
Lab Sample ID:	I.BLK-PL097714.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	10/31/25	pl103125
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/31/25	pl103125
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/31/25	pl103125
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/31/25	pl103125
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/31/25	pl103125
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/31/25	pl103125
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/31/25	pl103125
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/31/25	pl103125
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/31/25	pl103125
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/31/25	pl103125
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/31/25	pl103125
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/31/25	pl103125
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/31/25	pl103125
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/31/25	pl103125
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/31/25	pl103125
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.1			57 - 171	115%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.6			61 - 148	118%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 15:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:55:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.525	2.822	94128288	142.1E6	23.004	23.614
28) SA Decachlor...	9.001	7.983	68615226	109.6E6	23.063	20.505

Target Compounds

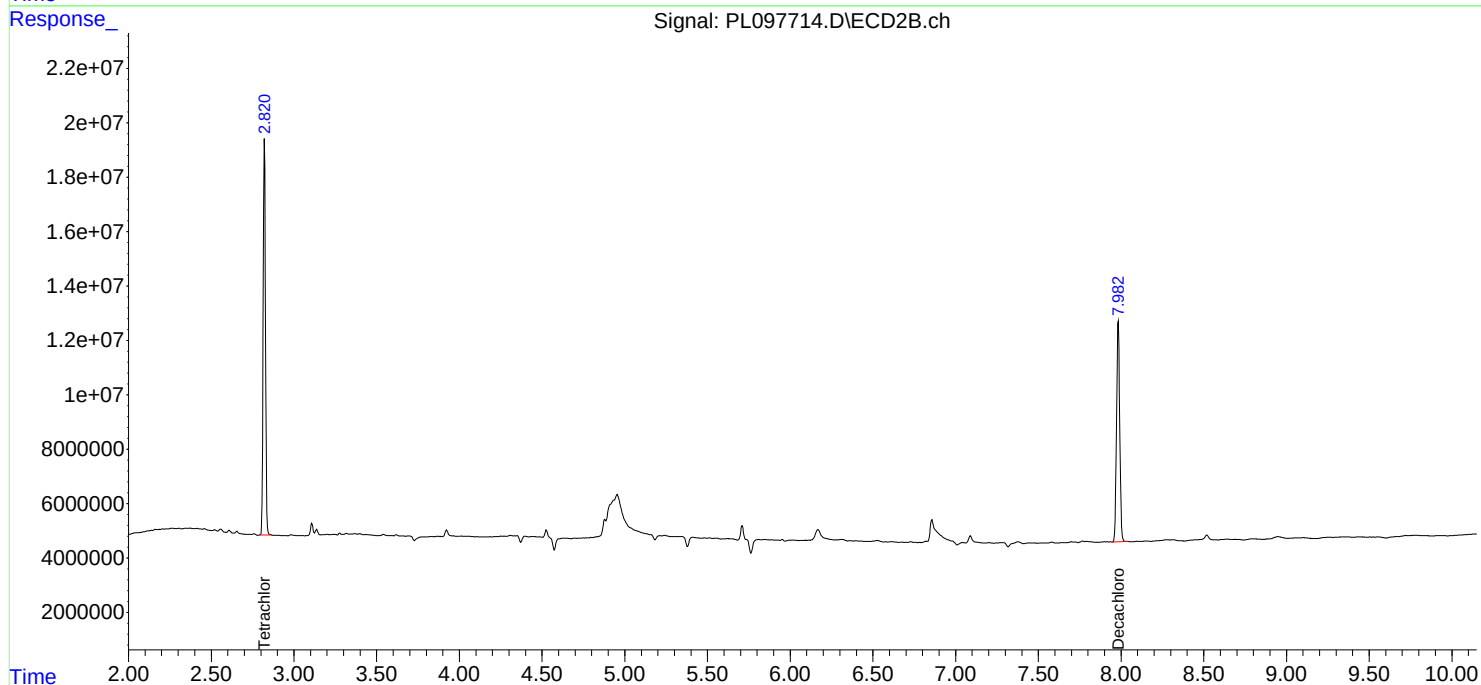
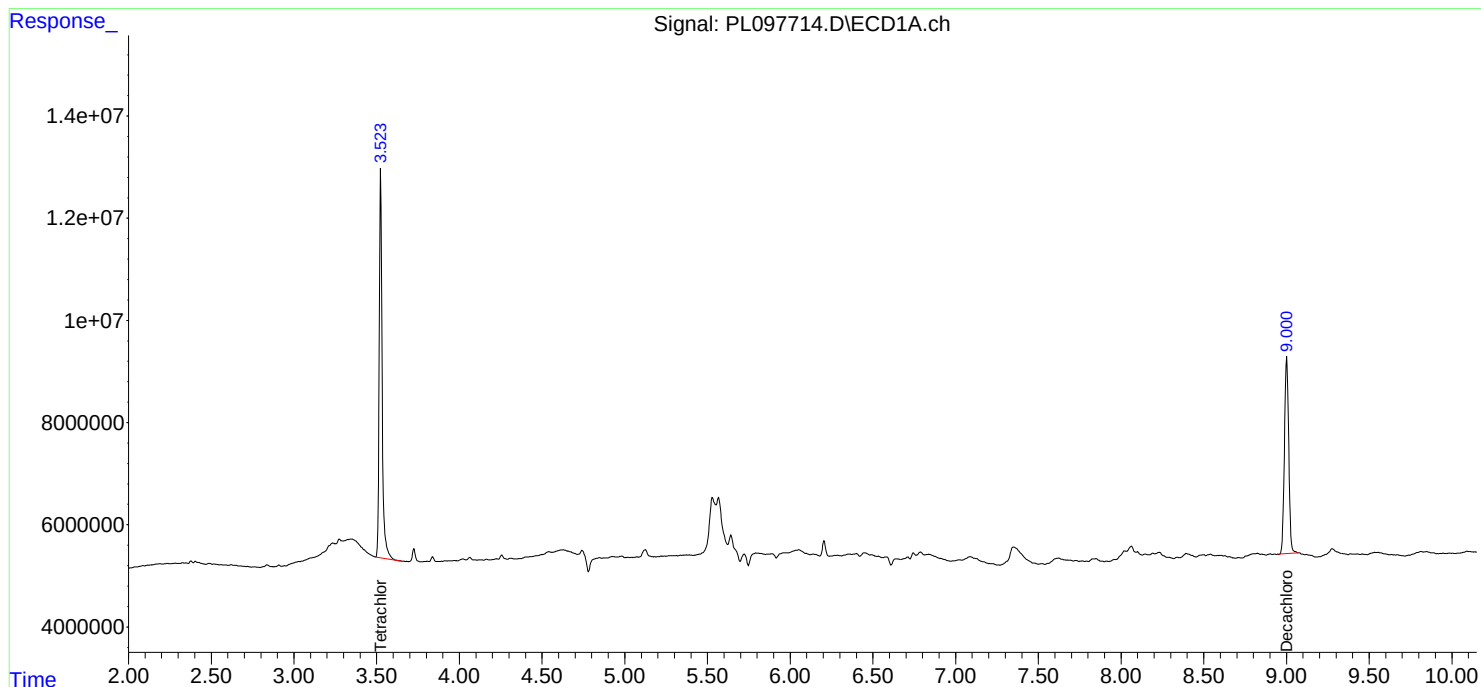
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

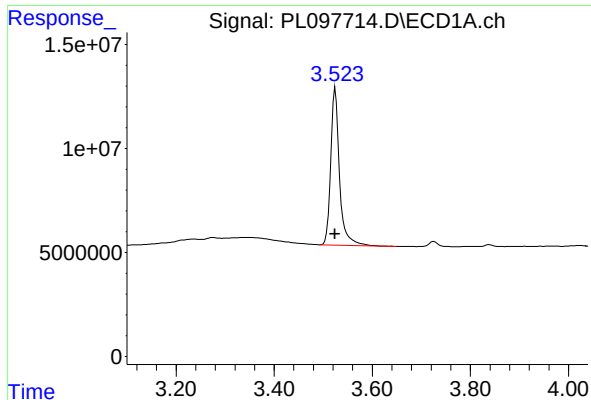
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 15:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:55:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

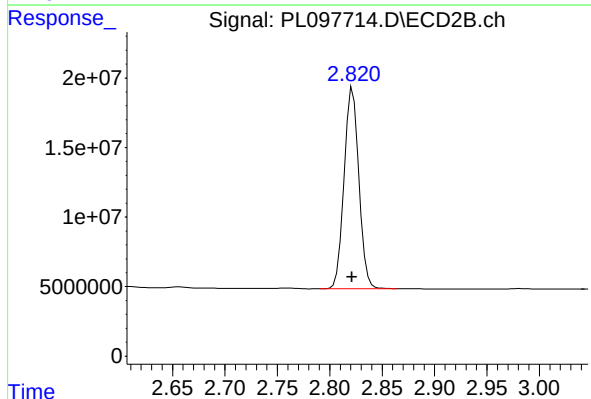




#1 Tetrachloro-m-xylene

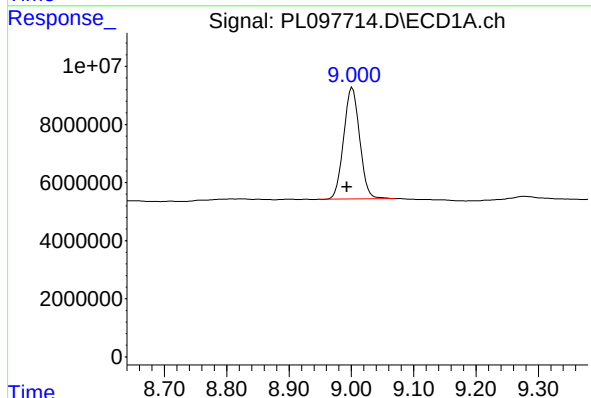
R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 94128288
Conc: 23.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



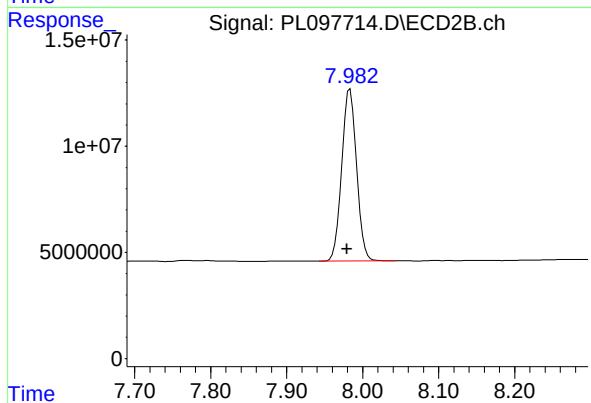
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 142134857
Conc: 23.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.009 min
Response: 68615226
Conc: 23.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.004 min
Response: 109593678
Conc: 20.50 ng/ml



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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Maclearie Park		Date Received:	
Client Sample ID:	PB170340BS		SDG No.:	Q3495
Lab Sample ID:	PB170340BS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.0		1	0.13	1.70	ug/kg	10/31/25 13:19	PB170340
319-85-7	beta-BHC	17.1		1	0.18	1.70	ug/kg	10/31/25 13:19	PB170340
319-86-8	delta-BHC	17.4		1	0.39	1.70	ug/kg	10/31/25 13:19	PB170340
58-89-9	gamma-BHC (Lindane)	17.0		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
76-44-8	Heptachlor	17.1		1	0.12	1.70	ug/kg	10/31/25 13:19	PB170340
309-00-2	Aldrin	16.8		1	0.12	1.70	ug/kg	10/31/25 13:19	PB170340
1024-57-3	Heptachlor epoxide	16.3		1	0.19	1.70	ug/kg	10/31/25 13:19	PB170340
959-98-8	Endosulfan I	16.1		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
60-57-1	Dieldrin	16.5		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
72-55-9	4,4-DDE	16.8		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
72-20-8	Endrin	17.3		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
33213-65-9	Endosulfan II	17.0		1	0.29	1.70	ug/kg	10/31/25 13:19	PB170340
72-54-8	4,4-DDD	18.0		1	0.15	1.70	ug/kg	10/31/25 13:19	PB170340
1031-07-8	Endosulfan Sulfate	16.4		1	0.13	1.70	ug/kg	10/31/25 13:19	PB170340
50-29-3	4,4-DDT	16.3		1	0.14	1.70	ug/kg	10/31/25 13:19	PB170340
72-43-5	Methoxychlor	15.2		1	0.37	1.70	ug/kg	10/31/25 13:19	PB170340
53494-70-5	Endrin ketone	16.8		1	0.19	1.70	ug/kg	10/31/25 13:19	PB170340
7421-93-4	Endrin aldehyde	16.3		1	0.37	1.70	ug/kg	10/31/25 13:19	PB170340
5103-71-9	alpha-Chlordane	16.2		1	0.12	1.70	ug/kg	10/31/25 13:19	PB170340
5103-74-2	gamma-Chlordane	16.5		1	0.15	1.70	ug/kg	10/31/25 13:19	PB170340
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/31/25 13:19	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	23.4			20 - 144	117%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.7			19 - 148	118%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 13:19
 Operator : AR\AJ
 Sample : PB170340BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170340BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:53:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.524	2.821	96856817	139.3E6	23.671	23.135
28)	SA Decachlor...	9.003	7.984	69529620	105.7E6	23.370	19.769
Target Compounds							
2)	A alpha-BHC	3.971	3.325	347.0E6	494.7E6	51.068	50.846
3)	MA gamma-BHC...	4.299	3.657	325.5E6	459.5E6	50.941	50.724
4)	MA Heptachlor	4.891	4.005	327.9E6	446.8E6	51.278	49.290
5)	MB Aldrin	5.229	4.287	304.1E6	432.5E6	49.812	50.306
6)	B beta-BHC	4.487	3.954	133.7E6	188.9E6	51.312	47.817
7)	B delta-BHC	4.733	4.186	309.9E6	450.6E6	52.128	50.209
8)	B Heptachlo...	5.650	4.789	280.9E6	385.4E6	48.171	49.083
9)	A Endosulfan I	6.031	5.161	243.8E6	357.6E6	48.348	47.503
10)	B gamma-Chl...	5.904	5.042	271.5E6	415.9E6	49.530	48.054
11)	B alpha-Chl...	5.984	5.106	266.3E6	400.4E6	48.514	48.221
12)	B 4,4'-DDE	6.154	5.295	232.1E6	374.7E6	50.572	48.884
13)	MA Dieldrin	6.304	5.425	259.2E6	399.4E6	48.347	49.675
14)	MA Endrin	6.531	5.701	215.3E6	363.1E6	48.052	51.902
15)	B Endosulfa...	6.745	5.992	232.2E6	325.3E6	50.996	46.331
16)	A 4,4'-DDD	6.665	5.848	192.7E6	310.2E6	53.916	48.390
17)	MA 4,4'-DDT	6.979	6.100	197.0E6	308.0E6	48.869	44.783
18)	B Endrin al...	6.873	6.171	161.2E6	245.1E6	48.994	42.590
19)	B Endosulfa...	7.107	6.394	192.6E6	303.5E6	49.266	44.994
20)	A Methoxychlor	7.453	6.672	93021176	157.9E6	45.580	42.497
21)	B Endrin ke...	7.587	6.899	209.6E6	359.8E6	50.356	48.331
22)	Mirex	8.065	7.088	140.5E6	223.0E6	45.570	40.475

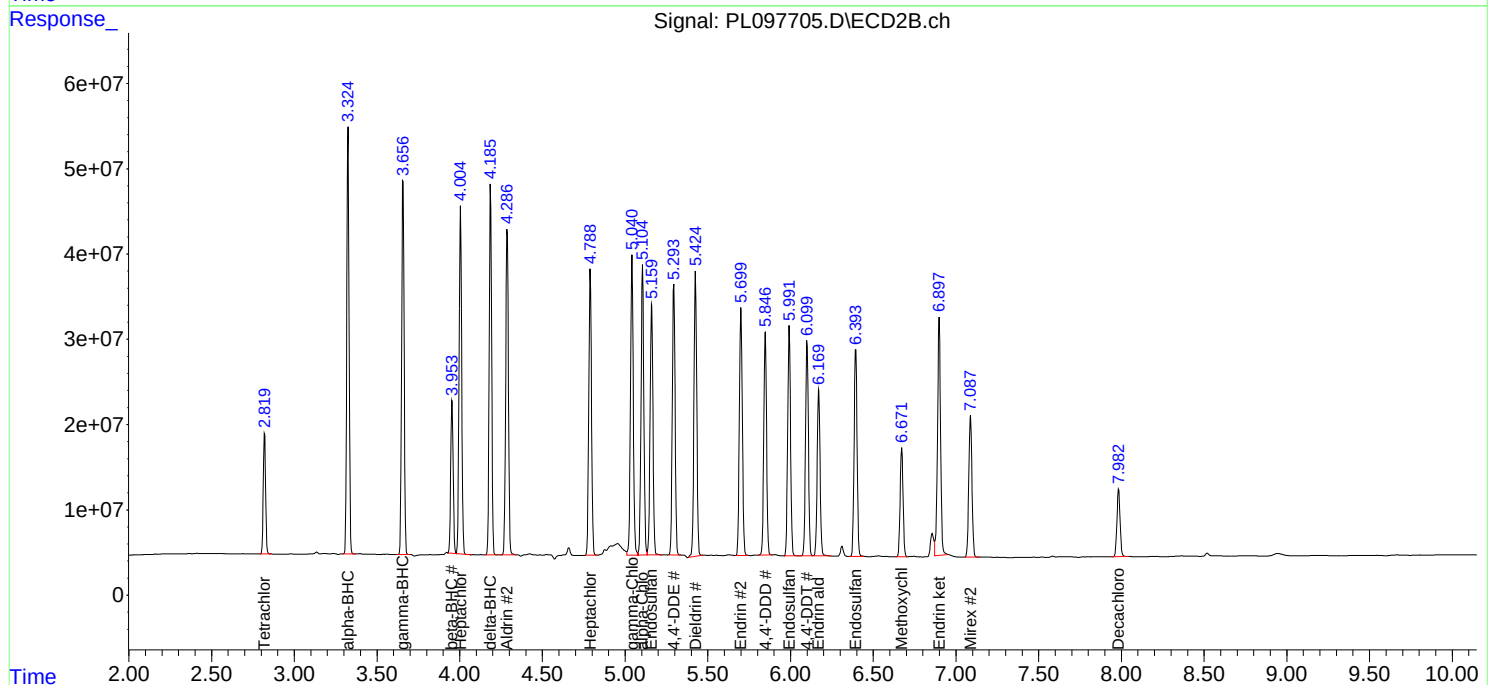
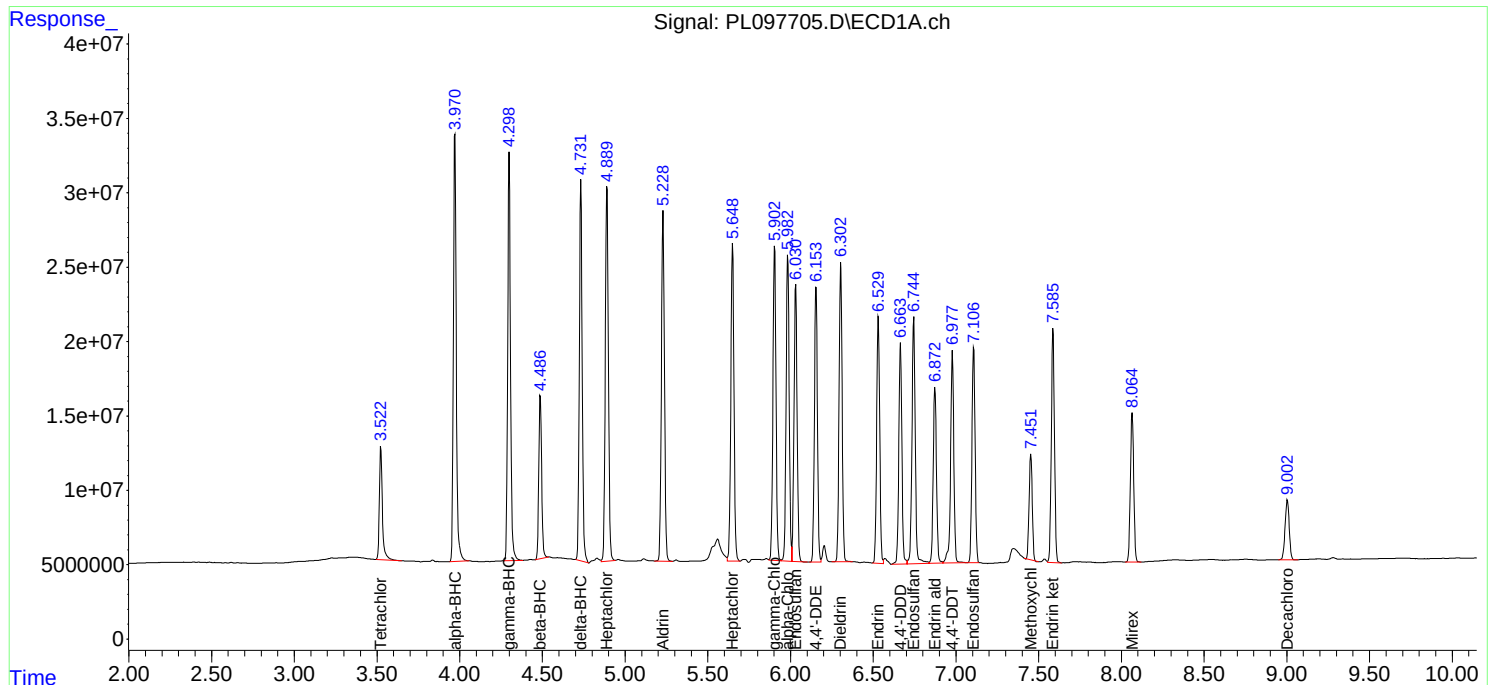
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:19
Operator : AR\AJ
Sample : PB170340BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB170340BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:53:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm





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

Report of Analysis

Client: Remington & Vernick Engineers
Project: Maclearie Park
Client Sample ID: PB170348BS
Lab Sample ID: PB170348BS
Analytical Method: 8081B
Sample Wt/Vol: 1000 mL Final Vol: 10000 uL
Prep Method: 3510C Prep Date: 10/31/25

Date Collected:
Date Received:
SDG No.: Q3495
Matrix: WATER
% Solid: 0
Test: Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.52		1	0.0039	0.050	ug/L	11/04/25 14:22	PB170348
319-85-7	beta-BHC	0.50		1	0.0049	0.050	ug/L	11/04/25 14:22	PB170348
319-86-8	delta-BHC	0.51		1	0.011	0.050	ug/L	11/04/25 14:22	PB170348
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/04/25 14:22	PB170348
76-44-8	Heptachlor	0.63		1	0.0027	0.050	ug/L	11/04/25 14:22	PB170348
309-00-2	Aldrin	0.51		1	0.0036	0.050	ug/L	11/04/25 14:22	PB170348
1024-57-3	Heptachlor epoxide	0.50		1	0.0096	0.050	ug/L	11/04/25 14:22	PB170348
959-98-8	Endosulfan I	0.50		1	0.0031	0.050	ug/L	11/04/25 14:22	PB170348
60-57-1	Dieldrin	0.49		1	0.0036	0.050	ug/L	11/04/25 14:22	PB170348
72-55-9	4,4-DDE	0.50		1	0.0037	0.050	ug/L	11/04/25 14:22	PB170348
72-20-8	Endrin	0.48		1	0.0032	0.050	ug/L	11/04/25 14:22	PB170348
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/04/25 14:22	PB170348
72-54-8	4,4-DDD	0.50		1	0.0071	0.050	ug/L	11/04/25 14:22	PB170348
1031-07-8	Endosulfan Sulfate	0.46		1	0.0037	0.050	ug/L	11/04/25 14:22	PB170348
50-29-3	4,4-DDT	0.48		1	0.0035	0.050	ug/L	11/04/25 14:22	PB170348
72-43-5	Methoxychlor	0.48		1	0.011	0.050	ug/L	11/04/25 14:22	PB170348
53494-70-5	Endrin ketone	0.46		1	0.0093	0.050	ug/L	11/04/25 14:22	PB170348
7421-93-4	Endrin aldehyde	0.45		1	0.011	0.050	ug/L	11/04/25 14:22	PB170348
5103-71-9	alpha-Chlordane	0.50		1	0.0035	0.050	ug/L	11/04/25 14:22	PB170348
5103-74-2	gamma-Chlordane	0.50		1	0.0039	0.050	ug/L	11/04/25 14:22	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25 14:22	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	24.8			57 - 171	124%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	28.8			61 - 148	144%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090952.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 14:22
 Operator : AR\AJ
 Sample : PB170348BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170348BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/05/2025

Supervised By :Yogesh Patel 11/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:33:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.544	2.874	85832909	857.1E6	27.562	28.782
28)	SA Decachlor...	9.065	8.060	116.1E6	695.2E6	24.819	22.951
Target Compounds							
2)	A alpha-BHC	3.993	3.385	374.2E6	2621.2E6	52.133	51.300
3)	MA gamma-BHC...	4.324	3.721	349.4E6	2412.4E6	51.384	51.058
4)	MA Heptachlor	4.922	4.073	352.9E6	2390.9E6	63.145	53.605
5)	MB Aldrin	5.263	4.359	336.2E6	2341.8E6	51.342	50.558
6)	B beta-BHC	4.511	4.018	130.0E6	993.4E6	49.627	50.095
7)	B delta-BHC	4.759	4.253	346.9E6	2421.6E6	51.307	50.750
8)	B Heptachlo...	5.683	4.862	290.9E6	2128.4E6	50.253	49.918
9)	A Endosulfan I	6.067	5.236	270.8E6	1982.4E6	48.911	50.328
10)	B gamma-Chl...	5.939	5.115	296.6E6	2261.6E6	50.011	50.315
11)	B alpha-Chl...	6.018	5.180	299.9E6	2158.2E6	48.523m	50.031
12)	B 4,4'-DDE	6.189	5.364	255.3E6	2179.3E6	47.923	49.711
13)	MA Dieldrin	6.340	5.502	285.2E6	2183.2E6	48.904	49.412
14)	MA Endrin	6.567	5.778	239.8E6	1934.9E6	48.418	47.782
15)	B Endosulfa...	6.780	6.070	242.0E6	1767.0E6	48.402	47.051
16)	A 4,4'-DDD	6.699	5.918	201.3E6	1788.6E6	49.660	49.087
17)	MA 4,4'-DDT	7.015	6.172	197.1E6	1649.0E6	47.949	47.017
18)	B Endrin al...	6.909	6.248	164.1E6	1245.3E6	44.814	44.970
19)	B Endosulfa...	7.144	6.472	213.2E6	1657.6E6	45.964	46.243
20)	A Methoxychlor	7.488	6.743	102.3E6	788.2E6	48.118	45.225
21)	B Endrin ke...	7.625	6.981	223.4E6	1652.0E6	45.978	43.799
22)	Mirex	8.107	7.173	138.7E6	1057.5E6	43.330	41.164

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090952.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 14:22
Operator : AR\AJ
Sample : PB170348BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB170348BS

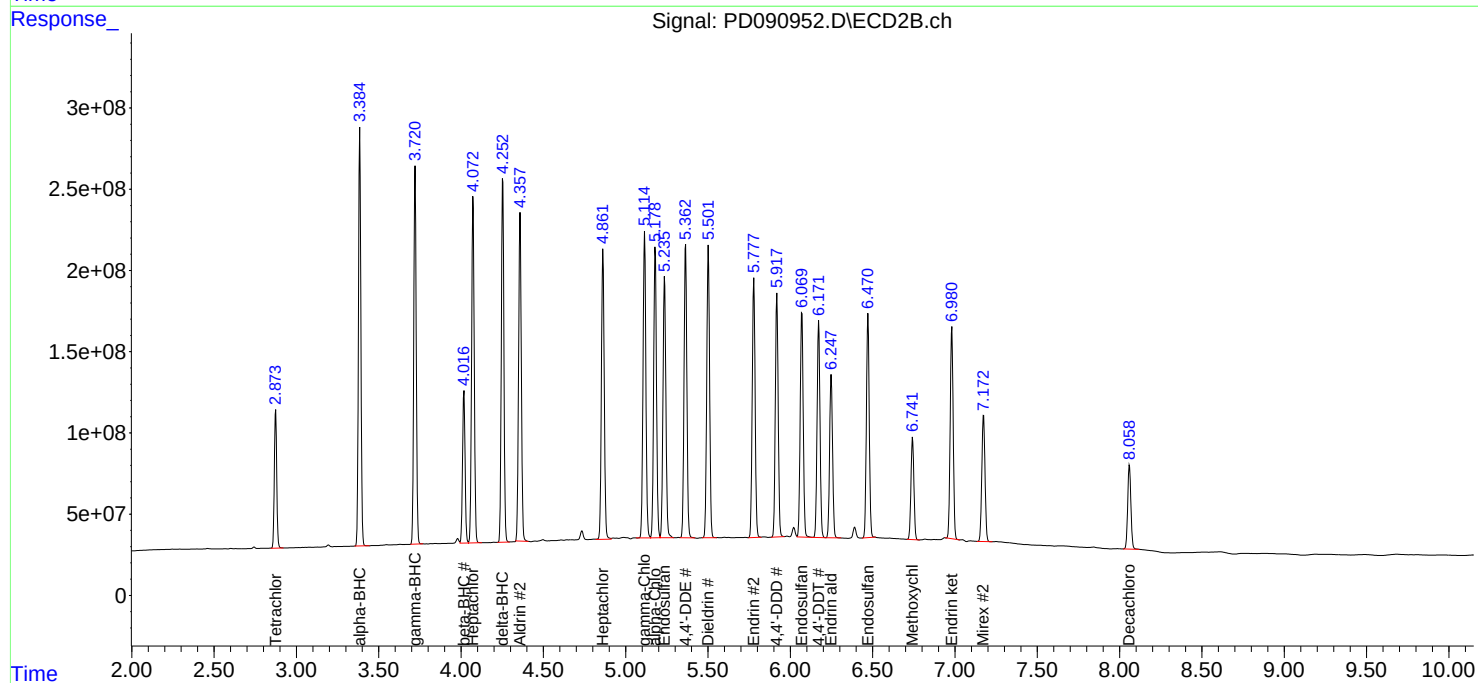
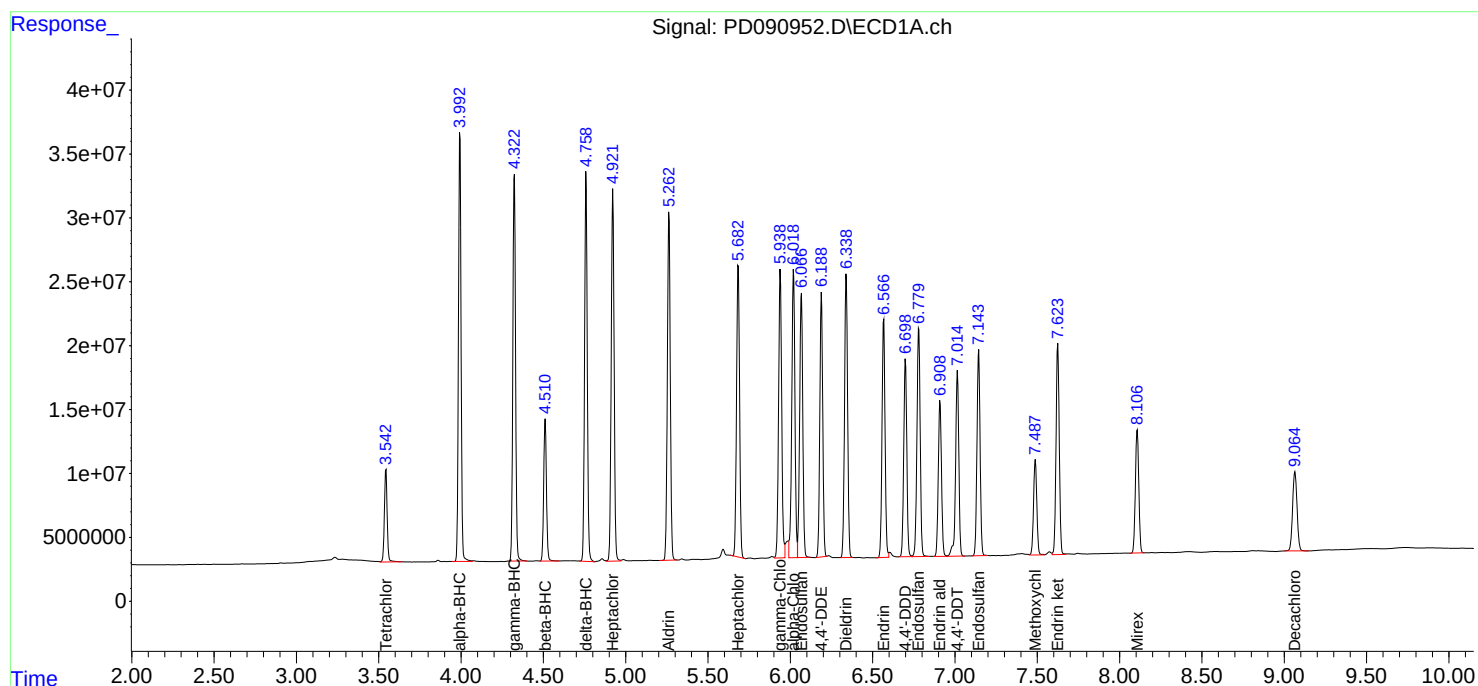
Manual Integrations

APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:33:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	
Project:	Maclearie Park		Date Received:	
Client Sample ID:	PB170348BSD		SDG No.:	Q3495
Lab Sample ID:	PB170348BSD		Matrix:	WATER
Analytical Method:	8081B		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	3510C	Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.52		1	0.0039	0.050	ug/L	11/04/25 13:52	PB170348
319-85-7	beta-BHC	0.50		1	0.0049	0.050	ug/L	11/04/25 13:52	PB170348
319-86-8	delta-BHC	0.51		1	0.011	0.050	ug/L	11/04/25 13:52	PB170348
58-89-9	gamma-BHC (Lindane)	0.51		1	0.0037	0.050	ug/L	11/04/25 13:52	PB170348
76-44-8	Heptachlor	0.63		1	0.0027	0.050	ug/L	11/04/25 13:52	PB170348
309-00-2	Aldrin	0.51		1	0.0036	0.050	ug/L	11/04/25 13:52	PB170348
1024-57-3	Heptachlor epoxide	0.50		1	0.0096	0.050	ug/L	11/04/25 13:52	PB170348
959-98-8	Endosulfan I	0.49		1	0.0031	0.050	ug/L	11/04/25 13:52	PB170348
60-57-1	Dieldrin	0.49		1	0.0036	0.050	ug/L	11/04/25 13:52	PB170348
72-55-9	4,4-DDE	0.48		1	0.0037	0.050	ug/L	11/04/25 13:52	PB170348
72-20-8	Endrin	0.47		1	0.0032	0.050	ug/L	11/04/25 13:52	PB170348
33213-65-9	Endosulfan II	0.48		1	0.0079	0.050	ug/L	11/04/25 13:52	PB170348
72-54-8	4,4-DDD	0.49		1	0.0071	0.050	ug/L	11/04/25 13:52	PB170348
1031-07-8	Endosulfan Sulfate	0.45		1	0.0037	0.050	ug/L	11/04/25 13:52	PB170348
50-29-3	4,4-DDT	0.48		1	0.0035	0.050	ug/L	11/04/25 13:52	PB170348
72-43-5	Methoxychlor	0.47		1	0.011	0.050	ug/L	11/04/25 13:52	PB170348
53494-70-5	Endrin ketone	0.46		1	0.0093	0.050	ug/L	11/04/25 13:52	PB170348
7421-93-4	Endrin aldehyde	0.45		1	0.011	0.050	ug/L	11/04/25 13:52	PB170348
5103-71-9	alpha-Chlordane	0.49		1	0.0035	0.050	ug/L	11/04/25 13:52	PB170348
5103-74-2	gamma-Chlordane	0.49		1	0.0039	0.050	ug/L	11/04/25 13:52	PB170348
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	11/04/25 13:52	PB170348
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.0			57 - 171	125%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	28.5			61 - 148	142%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
 Data File : PD090950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2025 13:52
 Operator : AR\AJ
 Sample : PB170348BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB170348BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 00:32:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.873	83592138	848.1E6	26.843	28.481
28)	SA Decachlor...	9.073	8.062	116.9E6	644.4E6	24.986	21.275
Target Compounds							
2)	A alpha-BHC	4.001	3.385	373.7E6	2609.7E6	52.072	51.074
3)	MA gamma-BHC...	4.332	3.722	349.7E6	2392.7E6	51.433	50.641
4)	MA Heptachlor	4.930	4.074	354.5E6	2372.7E6	63.426	53.197
5)	MB Aldrin	5.271	4.360	334.4E6	2334.5E6	51.082	50.401
6)	B beta-BHC	4.519	4.018	127.7E6	986.4E6	48.743	49.744
7)	B delta-BHC	4.767	4.254	346.7E6	2408.5E6	51.274	50.474
8)	B Heptachlo...	5.691	4.864	281.8E6	2122.9E6	48.672	49.788
9)	A Endosulfan I	6.075	5.237	268.5E6	1933.9E6	48.490	49.095
10)	B gamma-Chl...	5.947	5.116	287.1E6	2216.7E6	48.397	49.316
11)	B alpha-Chl...	6.027	5.181	288.3E6	2109.1E6	46.642	48.893
12)	B 4,4'-DDE	6.197	5.365	257.0E6	2107.6E6	48.248	48.076
13)	MA Dieldrin	6.348	5.503	284.7E6	2124.3E6	48.829	48.079
14)	MA Endrin	6.575	5.780	235.1E6	1857.5E6	47.461	45.871
15)	B Endosulfa...	6.788	6.072	238.4E6	1699.9E6	47.683	45.263
16)	A 4,4'-DDD	6.707	5.920	198.7E6	1718.2E6	49.003	47.154
17)	MA 4,4'-DDT	7.022	6.174	195.3E6	1612.9E6	47.504	45.987
18)	B Endrin al...	6.917	6.249	162.7E6	1232.7E6	44.425	44.514
19)	B Endosulfa...	7.152	6.473	210.1E6	1570.9E6	45.291	43.826
20)	A Methoxychlor	7.495	6.744	99753193	757.8E6	46.930	43.484
21)	B Endrin ke...	7.632	6.983	222.1E6	1555.4E6	45.719	41.239
22)	Mirex	8.114	7.175	137.6E6	979.0E6	42.992	38.106

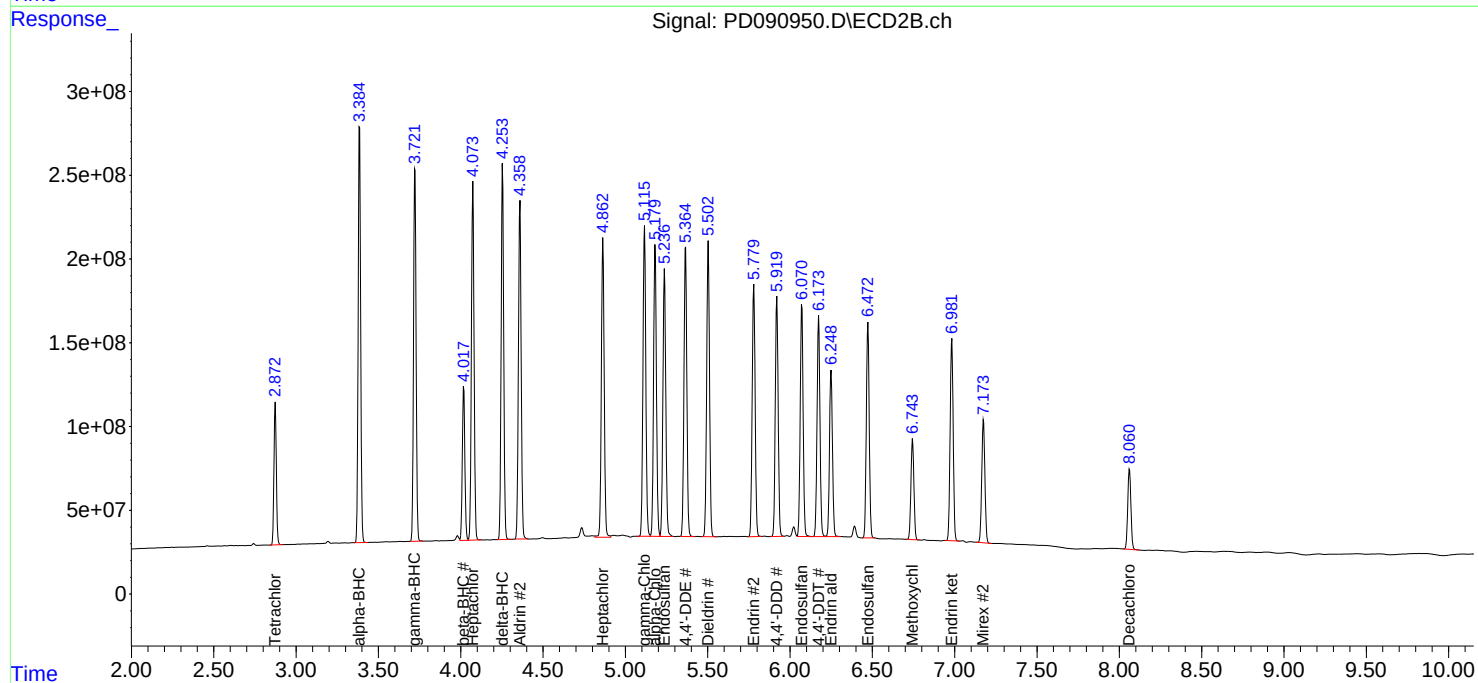
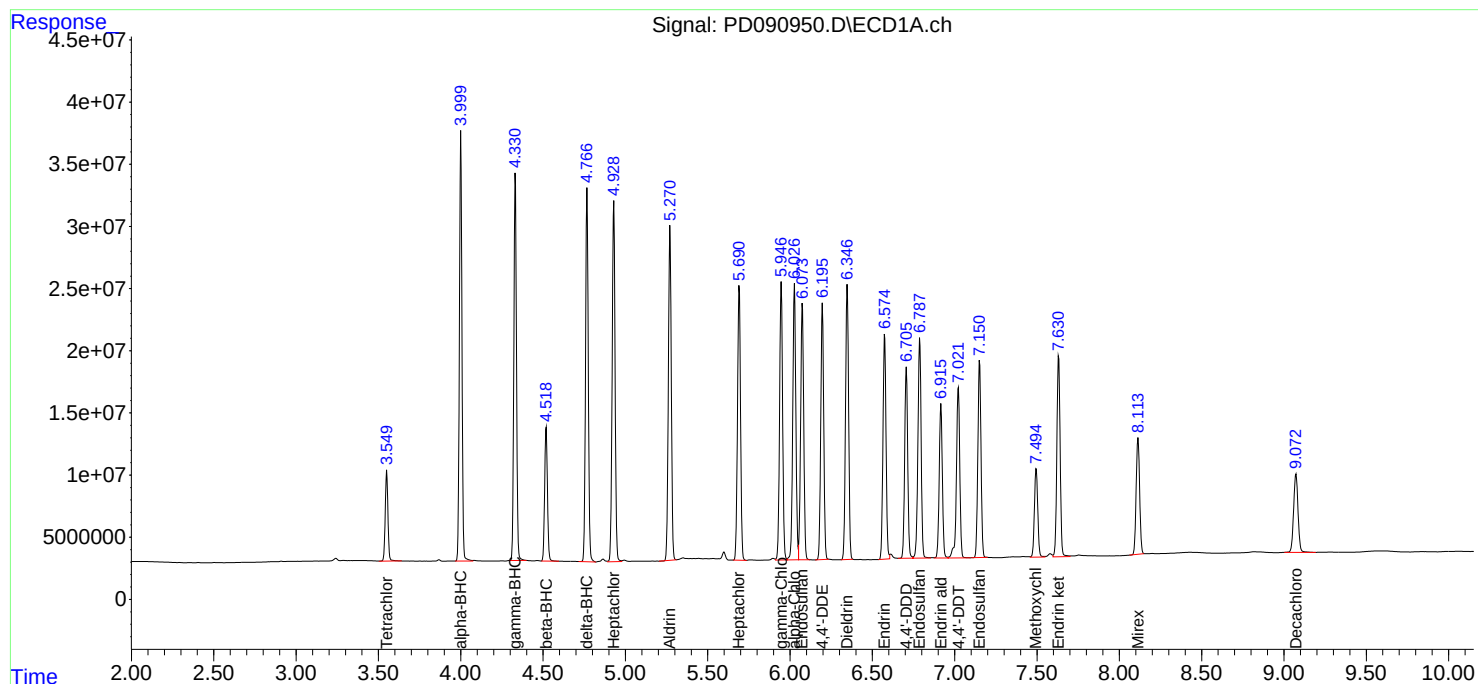
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110425\
Data File : PD090950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2025 13:52
Operator : AR\AJ
Sample : PB170348BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170348BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 00:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/27/25
Project:	Maclearie Park		Date Received:	10/29/25
Client Sample ID:	SB-1025-2MS		SDG No.:	Q3495
Lab Sample ID:	Q3495-02MS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	75.1
Sample Wt/Vol:	30.04 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	22.1		1	0.17	2.30	ug/kg	10/31/25 13:47	PB170340
319-85-7	beta-BHC	22.5		1	0.24	2.30	ug/kg	10/31/25 13:47	PB170340
319-86-8	delta-BHC	23.0		1	0.52	2.30	ug/kg	10/31/25 13:47	PB170340
58-89-9	gamma-BHC (Lindane)	22.1		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
76-44-8	Heptachlor	22.9		1	0.16	2.30	ug/kg	10/31/25 13:47	PB170340
309-00-2	Aldrin	21.8		1	0.16	2.30	ug/kg	10/31/25 13:47	PB170340
1024-57-3	Heptachlor epoxide	21.5		1	0.25	2.30	ug/kg	10/31/25 13:47	PB170340
959-98-8	Endosulfan I	21.4		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
60-57-1	Dieldrin	21.6		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
72-55-9	4,4-DDE	22.6		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
72-20-8	Endrin	22.1		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
33213-65-9	Endosulfan II	21.9		1	0.39	2.30	ug/kg	10/31/25 13:47	PB170340
72-54-8	4,4-DDD	23.3		1	0.20	2.30	ug/kg	10/31/25 13:47	PB170340
1031-07-8	Endosulfan Sulfate	21.9		1	0.17	2.30	ug/kg	10/31/25 13:47	PB170340
50-29-3	4,4-DDT	22.1		1	0.19	2.30	ug/kg	10/31/25 13:47	PB170340
72-43-5	Methoxychlor	21.5		1	0.49	2.30	ug/kg	10/31/25 13:47	PB170340
53494-70-5	Endrin ketone	21.7		1	0.25	2.30	ug/kg	10/31/25 13:47	PB170340
7421-93-4	Endrin aldehyde	21.6		1	0.49	2.30	ug/kg	10/31/25 13:47	PB170340
5103-71-9	alpha-Chlordane	21.4		1	0.16	2.30	ug/kg	10/31/25 13:47	PB170340
5103-74-2	gamma-Chlordane	21.9		1	0.20	2.30	ug/kg	10/31/25 13:47	PB170340
8001-35-2	Toxaphene	7.20	U	1	7.20	43.9	ug/kg	10/31/25 13:47	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.8			20 - 144	74%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.8			19 - 148	84%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 13:47
 Operator : AR\AJ
 Sample : Q3495-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SB-1025-2MS

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:54:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.523	2.822	68747010	100.5E6	16.801m	16.695
28)	SA Decachlor...	9.001	7.984	43898537	68422749	14.755	12.802
Target Compounds							
2)	A alpha-BHC	3.972	3.327	338.6E6	477.3E6	49.836	49.061
3)	MA gamma-BHC...	4.300	3.659	318.2E6	446.5E6	49.806	49.285
4)	MA Heptachlor	4.891	4.007	331.0E6	436.9E6	51.753	48.189
5)	MB Aldrin	5.230	4.289	299.5E6	423.7E6	49.053	49.286
6)	B beta-BHC	4.488	3.956	132.4E6	184.9E6	50.820	46.806
7)	B delta-BHC	4.733	4.188	308.2E6	439.4E6	51.844	48.964
8)	B Heptachlo...	5.651	4.791	277.6E6	380.5E6	47.607	48.465
9)	A Endosulfan I	6.032	5.162	243.9E6	359.9E6	48.371	47.806
10)	B gamma-Chl...	5.904	5.043	270.6E6	412.2E6	49.358	47.624
11)	B alpha-Chl...	5.984	5.107	265.1E6	398.7E6	48.285	48.015
12)	B 4,4'-DDE	6.155	5.296	233.9E6	372.3E6	50.959	48.568
13)	MA Dieldrin	6.304	5.427	260.5E6	390.9E6	48.578	48.628
14)	MA Endrin	6.531	5.701	214.3E6	348.4E6	47.839	49.801
15)	B Endosulfa...	6.744	5.994	225.0E6	332.2E6	49.409	47.301
16)	A 4,4'-DDD	6.664	5.849	187.9E6	293.1E6	52.561	45.715
17)	MA 4,4'-DDT	6.979	6.101	201.1E6	319.8E6	49.867	46.489
18)	B Endrin al...	6.873	6.172	160.4E6	249.4E6	48.759	43.335
19)	B Endosulfa...	7.107	6.395	193.2E6	308.0E6	49.413	45.648
20)	A Methoxychlor	7.452	6.673	99197682	164.0E6	48.607	44.137
21)	B Endrin ke...	7.587	6.898	203.3E6	334.0E6	48.848	44.867m
22)	Mirex	8.065	7.090	139.3E6	229.2E6	45.165	41.592

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 13:47
Operator : AR\AJ
Sample : Q3495-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SB-1025-2MS

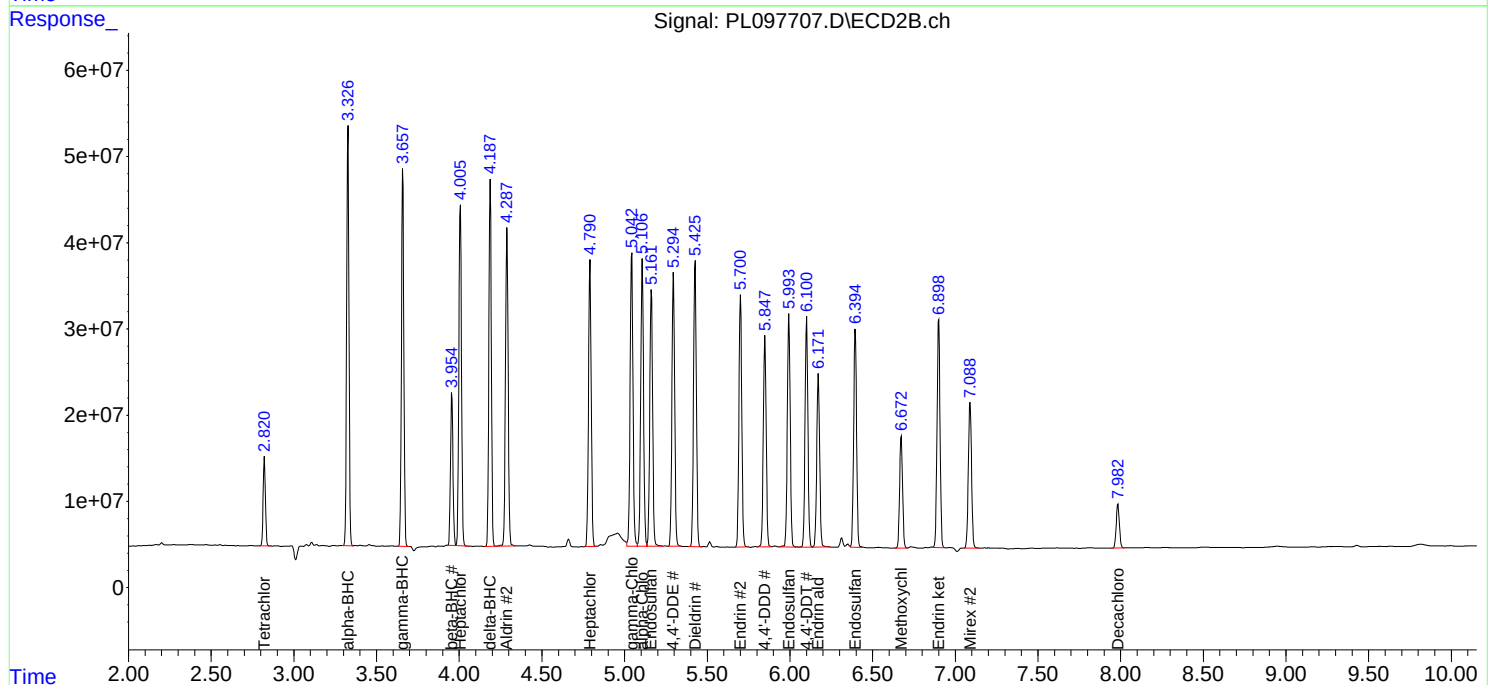
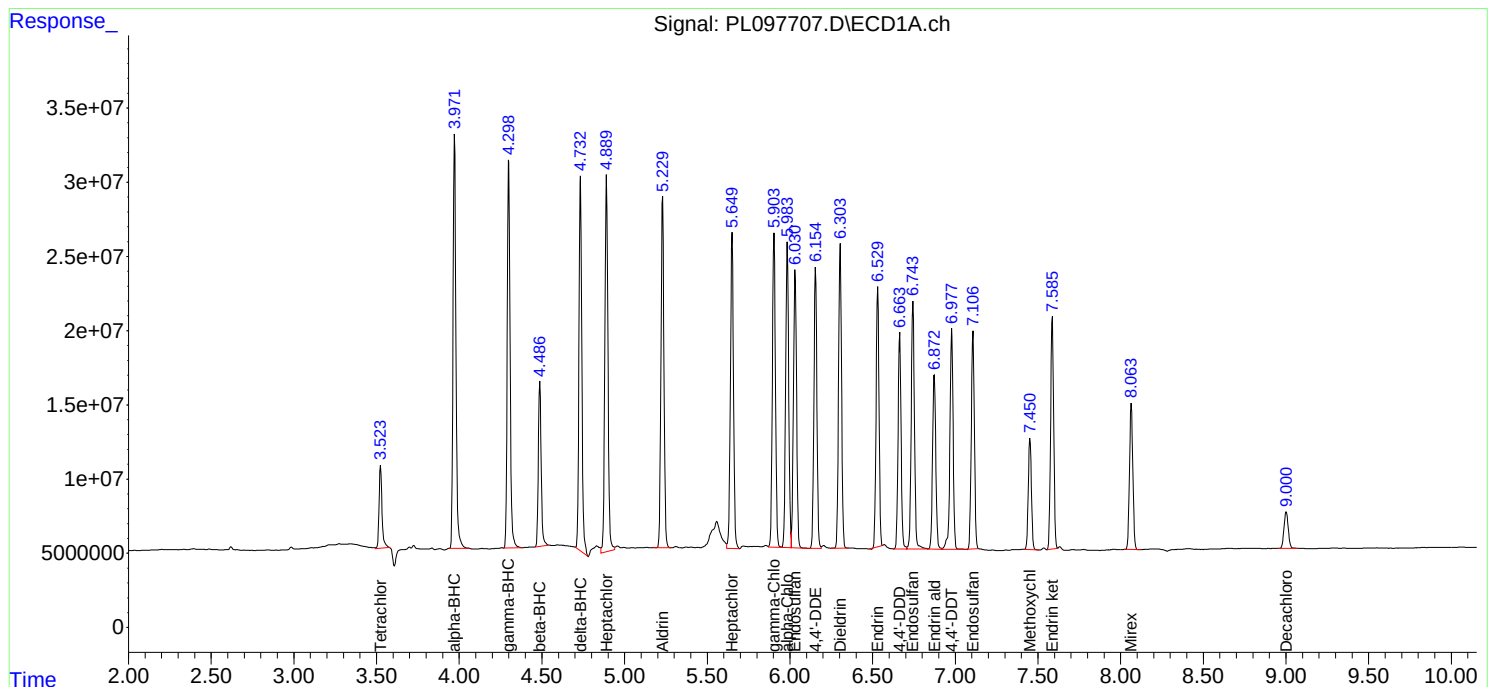
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm





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

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	10/27/25
Project:	Maclearie Park		Date Received:	10/29/25
Client Sample ID:	SB-1025-2MSD		SDG No.:	Q3495
Lab Sample ID:	Q3495-02MSD		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	75.1
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	22.7		1	0.17	2.30	ug/kg	10/31/25 14:00	PB170340
319-85-7	beta-BHC	23.0		1	0.24	2.30	ug/kg	10/31/25 14:00	PB170340
319-86-8	delta-BHC	23.6		1	0.52	2.30	ug/kg	10/31/25 14:00	PB170340
58-89-9	gamma-BHC (Lindane)	22.6		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
76-44-8	Heptachlor	23.5		1	0.16	2.30	ug/kg	10/31/25 14:00	PB170340
309-00-2	Aldrin	22.4		1	0.16	2.30	ug/kg	10/31/25 14:00	PB170340
1024-57-3	Heptachlor epoxide	21.9		1	0.25	2.30	ug/kg	10/31/25 14:00	PB170340
959-98-8	Endosulfan I	22.1		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
60-57-1	Dieldrin	22.0		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
72-55-9	4,4-DDE	23.3		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
72-20-8	Endrin	22.5		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
33213-65-9	Endosulfan II	22.4		1	0.39	2.30	ug/kg	10/31/25 14:00	PB170340
72-54-8	4,4-DDD	23.8		1	0.20	2.30	ug/kg	10/31/25 14:00	PB170340
1031-07-8	Endosulfan Sulfate	22.3		1	0.17	2.30	ug/kg	10/31/25 14:00	PB170340
50-29-3	4,4-DDT	22.4		1	0.19	2.30	ug/kg	10/31/25 14:00	PB170340
72-43-5	Methoxychlor	21.4		1	0.49	2.30	ug/kg	10/31/25 14:00	PB170340
53494-70-5	Endrin ketone	22.3		1	0.25	2.30	ug/kg	10/31/25 14:00	PB170340
7421-93-4	Endrin aldehyde	22.2		1	0.49	2.30	ug/kg	10/31/25 14:00	PB170340
5103-71-9	alpha-Chlordane	22.1		1	0.16	2.30	ug/kg	10/31/25 14:00	PB170340
5103-74-2	gamma-Chlordane	22.3		1	0.20	2.30	ug/kg	10/31/25 14:00	PB170340
8001-35-2	Toxaphene	7.20	U	1	7.20	43.9	ug/kg	10/31/25 14:00	PB170340
SURROGATES									
2051-24-3	Decachlorobiphenyl	14.9			20 - 144	74%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.2			19 - 148	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
 Data File : PL097708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2025 14:00
 Operator : AR\AJ
 Sample : Q3495-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SB-1025-2MSD

Manual Integrations**APPROVED**

Reviewed By :Rahul Chavli 11/03/2025

Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:54:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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 x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.523	2.822	69584258	103.4E6	17.006m	17.171
28)	SA Decachlor...	9.001	7.984	44314272	71690883	14.895	13.413
Target Compounds							
2)	A alpha-BHC	3.971	3.327	347.7E6	489.8E6	51.178	50.342
3)	MA gamma-BHC...	4.299	3.659	326.2E6	457.8E6	51.053	50.537
4)	MA Heptachlor	4.891	4.006	339.1E6	444.5E6	53.028	49.028
5)	MB Aldrin	5.230	4.289	306.0E6	433.5E6	50.115	50.418
6)	B beta-BHC	4.488	3.955	135.4E6	188.5E6	51.948	47.716
7)	B delta-BHC	4.733	4.188	316.3E6	450.5E6	53.209	50.199
8)	B Heptachlo...	5.650	4.791	284.0E6	388.4E6	48.693	49.468
9)	A Endosulfan I	6.031	5.162	250.8E6	367.9E6	49.732	48.873
10)	B gamma-Chl...	5.904	5.043	275.9E6	419.6E6	50.323	48.487
11)	B alpha-Chl...	5.984	5.107	273.0E6	406.6E6	49.737	48.969
12)	B 4,4'-DDE	6.155	5.295	241.0E6	381.0E6	52.519	49.708
13)	MA Dieldrin	6.304	5.426	265.8E6	399.5E6	49.580	49.693
14)	MA Endrin	6.531	5.701	218.7E6	355.2E6	48.813	50.766
15)	B Endosulfa...	6.745	5.993	229.7E6	340.0E6	50.444	48.417
16)	A 4,4'-DDD	6.665	5.848	191.7E6	302.5E6	53.629	47.180
17)	MA 4,4'-DDT	6.978	6.101	203.3E6	325.7E6	50.413	47.353
18)	B Endrin al...	6.873	6.172	164.7E6	255.1E6	50.056	44.326
19)	B Endosulfa...	7.107	6.395	196.5E6	316.7E6	50.264	46.951
20)	A Methoxychlor	7.452	6.673	98567291	167.8E6	48.298	45.171
21)	B Endrin ke...	7.587	6.898	209.1E6	344.3E6	50.226	46.254m
22)	Mirex	8.065	7.088	141.1E6	236.5E6	45.743	42.920

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103125\
Data File : PL097708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2025 14:00
Operator : AR\AJ
Sample : Q3495-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SB-1025-2MSD

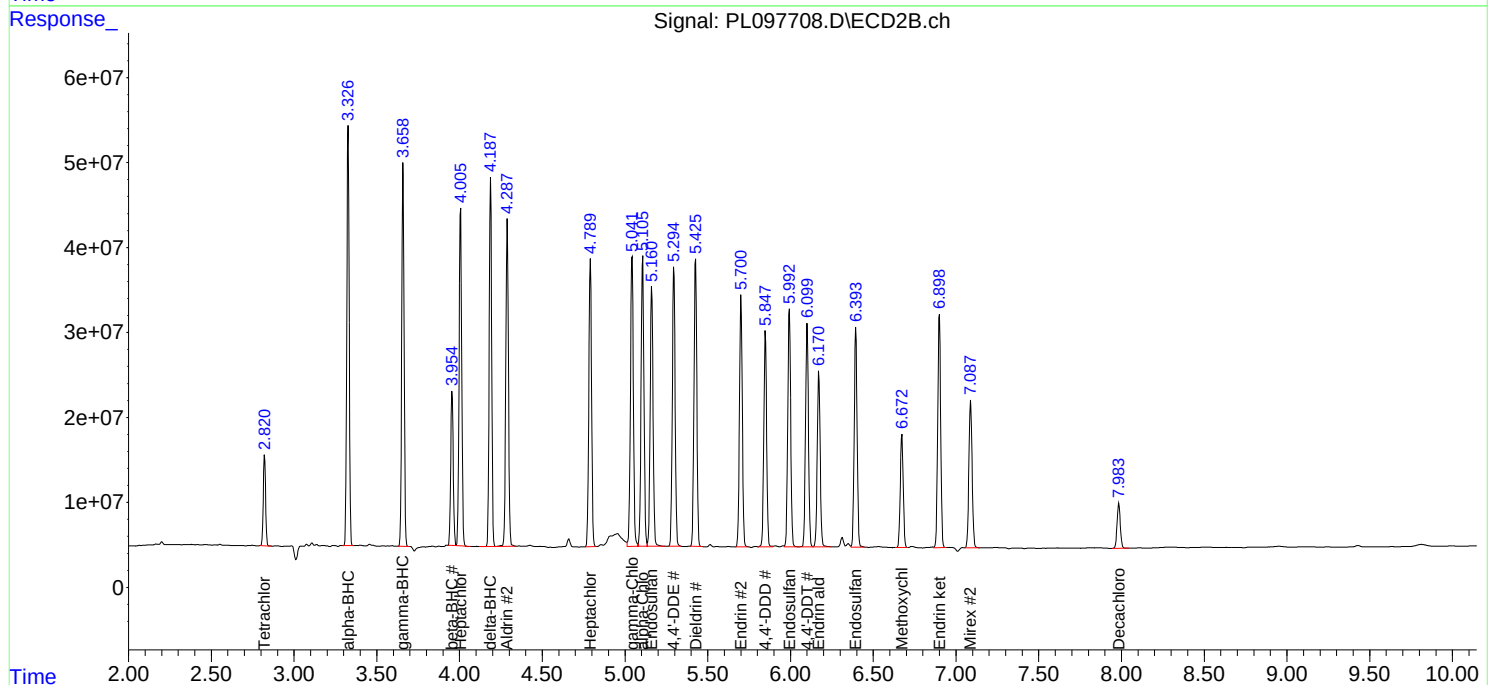
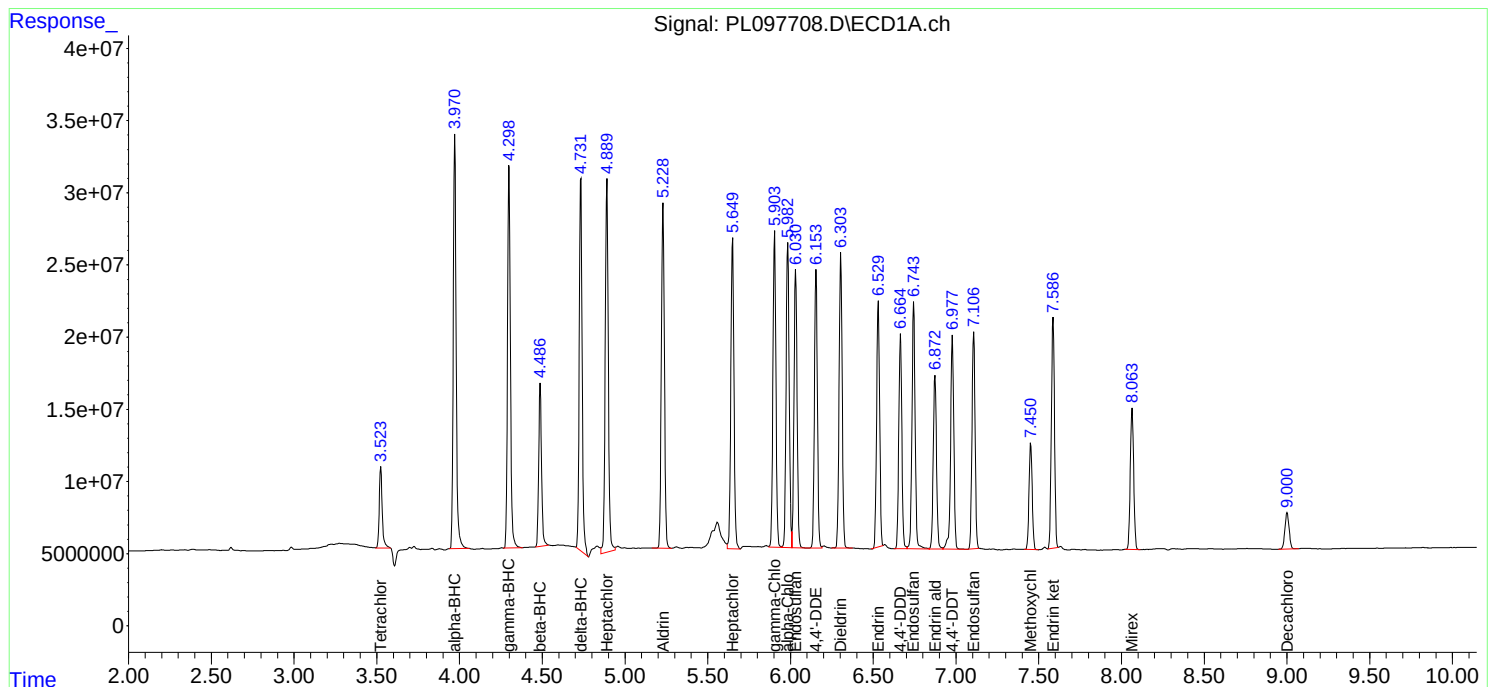
Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/03/2025
Supervised By :Yogesh Patel 11/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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 x0.25µm



Manual Integration Report

Sequence:	pd101725	Instrument	ECD_d

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

Manual Integration Report

Sequence:

pd103125

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090925.D	Endrin aldehyde	rahul	11/3/2025 8:18:48 AM	yogesh	11/3/2025 8:49:33	Peak Integrated by Software
PSTDCCC050	PD090926.D	Endrin ketone #2	rahul	11/3/2025 8:18:51 AM	yogesh	11/3/2025 8:49:35	Peak Integrated by Software
Q3495-03	PD090931.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:18:59 AM	yogesh	11/3/2025 8:49:42	Peak Integrated by Software
PSTDCCC050	PD090933.D	Endrin ketone #2	rahul	11/3/2025 8:19:03 AM	yogesh	11/3/2025 8:49:43	Peak Integrated by Software

Manual Integration Report

Sequence:

Pd110425

Instrument

ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PD090937.D	Endrin ketone #2	rahul	11/5/2025 8:29:24 AM	yogesh	11/5/2025 8:39:44	Peak Integrated by Software
PB170348BS	PD090952.D	alpha-Chlordane	rahul	11/5/2025 8:29:59 AM	yogesh	11/5/2025 8:40:08	Peak Integrated by Software

Manual Integration Report

Sequence:	PL102825	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097637.D	4,4"-DDD	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	4,4"-DDD #2	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	Endrin aldehyde	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	Endrin ketone	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
PEM	PL097637.D	Endrin ketone #2	Abdul	10/29/2025 8:11:45 AM	Sohil	10/29/2025 4:11:33	Peak Integrated by Software
RESCHK	PL097638.D	gamma-Chlordane #2	Abdul	10/29/2025 8:11:40 AM	Sohil	10/29/2025 4:11:35	Peak Integrated by Software
PSTDICC025	PL097642.D	Endosulfan II	Abdul	10/29/2025 8:11:33 AM	Sohil	10/29/2025 4:11:37	Peak Integrated by Software
PSTDICC005	PL097643.D	4,4"-DDD	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	4,4"-DDD #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	alpha-Chlordane #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Endosulfan I #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Endrin	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Endrin #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software

Manual Integration Report

Sequence:

PL102825

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC005	PL097643.D	Endrin aldehyde #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	gamma-Chlordane #2	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PSTDICC005	PL097643.D	Heptachlor	Abdul	10/29/2025 8:11:28 AM	Sohil	10/29/2025 4:11:39	Peak Integrated by Software
PCHLORICV50 0	PL097655.D	Chlordane-1	Abdul	10/29/2025 8:11:21 AM	Sohil	10/29/2025 4:11:43	Peak Integrated by Software
PCHLORICV50 0	PL097655.D	Decachlorobiphenyl	Abdul	10/29/2025 8:11:21 AM	Sohil	10/29/2025 4:11:43	Peak Integrated by Software
PEM	PL097658.D	4,4"-DDD	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	4,4"-DDD #2	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	Endrin aldehyde	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	Endrin aldehyde #2	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software
PEM	PL097658.D	Endrin ketone	Abdul	10/29/2025 8:11:07 AM	Sohil	10/29/2025 4:11:45	Peak Integrated by Software

Manual Integration Report

Sequence:

pl103125

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097700.D	4,4"-DDD	rahul	11/3/2025 8:09:14 AM	yogesh	11/3/2025 8:42:42	Peak Integrated by Software
PEM	PL097700.D	Endrin aldehyde	rahul	11/3/2025 8:09:14 AM	yogesh	11/3/2025 8:42:42	Peak Integrated by Software
PSTDCCC050	PL097701.D	4,4"-DDD	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	Dieldrin #2	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	Endrin	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	gamma-Chlordane	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
PSTDCCC050	PL097701.D	Heptachlor	rahul	11/3/2025 8:09:17 AM	yogesh	11/3/2025 8:42:45	Peak Integrated by Software
Q3495-02	PL097706.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:09:23 AM	yogesh	11/3/2025 8:42:53	Peak Integrated by Software
Q3495-02MS	PL097707.D	Endrin ketone #2	rahul	11/3/2025 8:09:59 AM	yogesh	11/3/2025 8:42:55	Peak Integrated by Software
Q3495-02MS	PL097707.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:09:59 AM	yogesh	11/3/2025 8:42:55	Peak Integrated by Software
Q3495-02MSD	PL097708.D	Endrin ketone #2	rahul	11/3/2025 8:09:28 AM	yogesh	11/3/2025 8:42:57	Peak Integrated by Software
Q3495-02MSD	PL097708.D	Tetrachloro-m-xylene	rahul	11/3/2025 8:09:28 AM	yogesh	11/3/2025 8:42:57	Peak Integrated by Software
PSTDCCC050	PL097715.D	gamma-Chlordane	rahul	11/3/2025 8:09:50 AM	yogesh	11/3/2025 8:43:25	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pl103125

Instrument

ECD_I

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090646.D	17 Oct 2025 10:40	AR\AJ	Ok
2	I.BLK	PD090647.D	17 Oct 2025 10:53	AR\AJ	Ok
3	PEM	PD090648.D	17 Oct 2025 11:07	AR\AJ	Ok,M
4	RESCHK	PD090649.D	17 Oct 2025 11:20	AR\AJ	Ok,M
5	PSTDICC100	PD090650.D	17 Oct 2025 11:34	AR\AJ	Ok
6	PSTDICC075	PD090651.D	17 Oct 2025 11:48	AR\AJ	Ok
7	PSTDICC050	PD090652.D	17 Oct 2025 12:01	AR\AJ	Ok
8	PSTDICC025	PD090653.D	17 Oct 2025 12:15	AR\AJ	Ok
9	PSTDICC005	PD090654.D	17 Oct 2025 12:28	AR\AJ	Ok,M
10	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42	AR\AJ	Ok
11	PCHLORICC750	PD090656.D	17 Oct 2025 12:56	AR\AJ	Ok
12	PCHLORICC500	PD090657.D	17 Oct 2025 13:09	AR\AJ	Ok
13	PCHLORICC250	PD090658.D	17 Oct 2025 13:23	AR\AJ	Ok
14	PCHLORICC050	PD090659.D	17 Oct 2025 13:36	AR\AJ	Ok,M
15	PTOXICC1000	PD090660.D	17 Oct 2025 13:50	AR\AJ	Ok
16	PTOXICC750	PD090661.D	17 Oct 2025 14:03	AR\AJ	Ok
17	PTOXICC500	PD090662.D	17 Oct 2025 14:17	AR\AJ	Ok
18	PTOXICC250	PD090663.D	17 Oct 2025 14:30	AR\AJ	Ok
19	PTOXICC100	PD090664.D	17 Oct 2025 16:18	AR\AJ	Ok
20	PSTDICV050	PD090665.D	17 Oct 2025 16:46	AR\AJ	Ok
21	PCHLORICV500	PD090666.D	17 Oct 2025 17:50	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PD090667.D	17 Oct 2025 18:42	AR\AJ	Ok,M
23	I.BLK	PD090668.D	17 Oct 2025 19:50	AR\AJ	Ok
24	PEM	PD090669.D	17 Oct 2025 20:04	AR\AJ	Ok,M
25	PSTDCCC050	PD090670.D	17 Oct 2025 20:18	AR\AJ	Ok
26	PB170142BL	PD090671.D	17 Oct 2025 20:31	AR\AJ	Ok
27	PB170142BS	PD090672.D	17 Oct 2025 20:45	AR\AJ	Ok
28	Q3366-01	PD090673.D	17 Oct 2025 20:59	AR\AJ	Ok,M
29	Q3366-03	PD090674.D	17 Oct 2025 21:12	AR\AJ	Ok,M
30	Q3367-01	PD090675.D	17 Oct 2025 21:26	AR\AJ	Ok,M
31	Q3369-01	PD090676.D	17 Oct 2025 21:40	AR\AJ	Ok,M
32	Q3369-05	PD090677.D	17 Oct 2025 21:53	AR\AJ	Ok,M
33	Q3363-01	PD090678.D	17 Oct 2025 22:48	AR\AJ	Ok,M
34	Q3363-02	PD090679.D	17 Oct 2025 23:02	AR\AJ	Ok,M
35	Q3363-03	PD090680.D	17 Oct 2025 23:15	AR\AJ	Ok,M
36	Q3363-04	PD090681.D	17 Oct 2025 23:29	AR\AJ	Ok,M
37	Q3363-04MS	PD090682.D	17 Oct 2025 23:43	AR\AJ	Ok,M
38	Q3363-04MSD	PD090683.D	17 Oct 2025 23:56	AR\AJ	Ok,M
39	Q3363-05	PD090684.D	18 Oct 2025 00:10	AR\AJ	Ok,M
40	Q3343-04MS	PD090685.D	18 Oct 2025 00:24	AR\AJ	Ok,M
41	Q3343-04MSD	PD090686.D	18 Oct 2025 00:37	AR\AJ	Ok
42	I.BLK	PD090687.D	18 Oct 2025 00:51	AR\AJ	Ok
43	PSTDCCC050	PD090688.D	18 Oct 2025 02:13	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD103125

Review By	rahul	Review On	11/3/2025 8:19:14 AM
Supervise By	yogesh	Supervise On	11/3/2025 8:49:55 AM
SubDirectory	PD103125	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090923.D	31 Oct 2025 09:53	AR\AJ	Ok
2	I.BLK	PD090924.D	31 Oct 2025 10:06	AR\AJ	Ok
3	PEM	PD090925.D	31 Oct 2025 10:20	AR\AJ	Ok,M
4	PSTDCCC050	PD090926.D	31 Oct 2025 11:09	AR\AJ	Ok,M
5	PB170348BL	PD090927.D	31 Oct 2025 14:37	AR\AJ	Ok
6	PB170348BS	PD090928.D	31 Oct 2025 14:51	AR\AJ	Not Ok
7	PB170348BSD	PD090929.D	31 Oct 2025 15:07	AR\AJ	Not Ok
8	Q3477-03	PD090930.D	31 Oct 2025 15:21	AR\AJ	Ok,M
9	Q3495-03	PD090931.D	31 Oct 2025 15:34	AR\AJ	Ok,M
10	I.BLK	PD090932.D	31 Oct 2025 15:48	AR\AJ	Ok
11	PSTDCCC050	PD090933.D	31 Oct 2025 16:01	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PD110425	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD090934.D	04 Nov 2025 09:04	AR\AJ	Ok
2	I.BLK	PD090935.D	04 Nov 2025 09:17	AR\AJ	Ok
3	PEM	PD090936.D	04 Nov 2025 09:31	AR\AJ	Ok
4	PSTDCCC050	PD090937.D	04 Nov 2025 09:45	AR\AJ	Ok,M
5	Q3515-01	PD090938.D	04 Nov 2025 10:17	AR\AJ	Ok,M
6	Q3516-01	PD090939.D	04 Nov 2025 10:31	AR\AJ	Ok,M
7	Q3519-01	PD090940.D	04 Nov 2025 10:44	AR\AJ	Ok,M
8	Q3519-01MS	PD090941.D	04 Nov 2025 10:58	AR\AJ	Ok,M
9	Q3519-01MSD	PD090942.D	04 Nov 2025 11:12	AR\AJ	Ok,M
10	Q3520-01	PD090943.D	04 Nov 2025 11:25	AR\AJ	Ok,M
11	Q3368-06	PD090944.D	04 Nov 2025 11:39	AR\AJ	Not Ok
12	Q3368-06MS	PD090945.D	04 Nov 2025 11:53	AR\AJ	Not Ok
13	Q3368-06MSD	PD090946.D	04 Nov 2025 12:06	AR\AJ	Not Ok
14	Q3368-07	PD090947.D	04 Nov 2025 12:22	AR\AJ	Not Ok
15	I.BLK	PD090948.D	04 Nov 2025 12:35	AR\AJ	Ok
16	PSTDCCC050	PD090949.D	04 Nov 2025 13:29	AR\AJ	Ok
17	PB170348BSD	PD090950.D	04 Nov 2025 13:52	AR\AJ	Ok
18	PB170371BL	PD090951.D	04 Nov 2025 14:09	AR\AJ	Ok
19	PB170348BS	PD090952.D	04 Nov 2025 14:22	AR\AJ	Ok,M
20	PB170387BS	PD090953.D	04 Nov 2025 15:41	AR\AJ	Ok,M
21	PB170387BL	PD090954.D	04 Nov 2025 16:03	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PD110425	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB170387TB	PD090955.D	04 Nov 2025 16:17	AR\AJ	Ok
23	I.BLK	PD090956.D	04 Nov 2025 16:31	AR\AJ	Ok
24	PSTDCCC050	PD090957.D	04 Nov 2025 16:44	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM
SubDirectory	PL102825	HP Acquire Method	HP Processing Method pl102825 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	PL097635.D	28 Oct 2025 14:03	AR\AJ	Ok
2	I.BLK	PL097636.D	28 Oct 2025 14:17	AR\AJ	Ok
3	PEM	PL097637.D	28 Oct 2025 14:30	AR\AJ	Ok,M
4	RESCHK	PL097638.D	28 Oct 2025 14:44	AR\AJ	Ok,M
5	PSTDICC100	PL097639.D	28 Oct 2025 14:57	AR\AJ	Ok
6	PSTDICC075	PL097640.D	28 Oct 2025 15:11	AR\AJ	Ok
7	PSTDICC050	PL097641.D	28 Oct 2025 15:25	AR\AJ	Ok
8	PSTDICC025	PL097642.D	28 Oct 2025 15:38	AR\AJ	Ok,M
9	PSTDICC005	PL097643.D	28 Oct 2025 15:52	AR\AJ	Ok,M
10	PCHLORICC1000	PL097644.D	28 Oct 2025 16:05	AR\AJ	Ok
11	PCHLORICC750	PL097645.D	28 Oct 2025 16:19	AR\AJ	Ok
12	PCHLORICC500	PL097646.D	28 Oct 2025 16:32	AR\AJ	Ok
13	PCHLORICC250	PL097647.D	28 Oct 2025 16:46	AR\AJ	Ok
14	PCHLORICC050	PL097648.D	28 Oct 2025 17:00	AR\AJ	Ok,M
15	PTOXICC1000	PL097649.D	28 Oct 2025 17:13	AR\AJ	Ok
16	PTOXICC750	PL097650.D	28 Oct 2025 17:27	AR\AJ	Ok
17	PTOXICC500	PL097651.D	28 Oct 2025 17:40	AR\AJ	Ok
18	PTOXICC250	PL097652.D	28 Oct 2025 17:54	AR\AJ	Ok
19	PTOXICC100	PL097653.D	28 Oct 2025 18:08	AR\AJ	Ok,M
20	PSTDICV050	PL097654.D	28 Oct 2025 18:21	AR\AJ	Ok
21	PCHLORICV500	PL097655.D	28 Oct 2025 18:35	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM
SubDirectory	PL102825	HP Acquire Method	HP Processing Method pl102825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PL097656.D	28 Oct 2025 18:48	AR\AJ	Ok
23	I.BLK	PL097657.D	28 Oct 2025 19:02	AR\AJ	Ok
24	PEM	PL097658.D	28 Oct 2025 19:16	AR\AJ	Ok,M
25	PSTDCCC050	PL097659.D	28 Oct 2025 19:29	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL103125

Review By	rahul	Review On	10/31/2025 2:27:02 PM
Supervise By	yogesh	Supervise On	11/3/2025 8:43:32 AM
SubDirectory	PL103125	HP Acquire Method	HP Processing Method pl102825 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	PL097698.D	31 Oct 2025 09:28	AR\AJ	Ok
2	I.BLK	PL097699.D	31 Oct 2025 09:42	AR\AJ	Ok
3	PEM	PL097700.D	31 Oct 2025 09:56	AR\AJ	Ok,M
4	PSTDCCC050	PL097701.D	31 Oct 2025 11:02	AR\AJ	Ok,M
5	Q3488-02	PL097702.D	31 Oct 2025 12:03	AR\AJ	Not Ok
6	Q3490-01	PL097703.D	31 Oct 2025 12:17	AR\AJ	Ok,M
7	PB170340BL	PL097704.D	31 Oct 2025 13:06	AR\AJ	Ok
8	PB170340BS	PL097705.D	31 Oct 2025 13:19	AR\AJ	Ok
9	Q3495-02	PL097706.D	31 Oct 2025 13:33	AR\AJ	Ok,M
10	Q3495-02MS	PL097707.D	31 Oct 2025 13:47	AR\AJ	Ok,M
11	Q3495-02MSD	PL097708.D	31 Oct 2025 14:00	AR\AJ	Ok,M
12	Q3496-01	PL097709.D	31 Oct 2025 14:14	AR\AJ	Ok,M
13	Q3497-01	PL097710.D	31 Oct 2025 14:27	AR\AJ	Ok,M
14	Q3500-01	PL097711.D	31 Oct 2025 14:41	AR\AJ	Ok,M
15	Q3501-01	PL097712.D	31 Oct 2025 14:55	AR\AJ	Ok,M
16	Q3502-01	PL097713.D	31 Oct 2025 15:08	AR\AJ	Ok,M
17	I.BLK	PL097714.D	31 Oct 2025 15:49	AR\AJ	Ok
18	PSTDCCC050	PL097715.D	31 Oct 2025 16:03	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090646.D	17 Oct 2025 10:40		AR\AJ	Ok
2	I.BLK	I.BLK	PD090647.D	17 Oct 2025 10:53		AR\AJ	Ok
3	PEM	PEM	PD090648.D	17 Oct 2025 11:07		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090649.D	17 Oct 2025 11:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PD090650.D	17 Oct 2025 11:34		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090651.D	17 Oct 2025 11:48		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090652.D	17 Oct 2025 12:01		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090653.D	17 Oct 2025 12:15		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090654.D	17 Oct 2025 12:28		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090655.D	17 Oct 2025 12:42		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090656.D	17 Oct 2025 12:56		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090657.D	17 Oct 2025 13:09		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090658.D	17 Oct 2025 13:23		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090659.D	17 Oct 2025 13:36		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090660.D	17 Oct 2025 13:50		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090661.D	17 Oct 2025 14:03		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090662.D	17 Oct 2025 14:17		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090663.D	17 Oct 2025 14:30		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PD090664.D	17 Oct 2025 16:18		AR\AJ	Ok
20	PSTDICV050	ICVPD101725	PD090665.D	17 Oct 2025 16:46		AR\AJ	Ok
21	PCHLORICV500	ICVPD101725CHLOR	PD090666.D	17 Oct 2025 17:50		AR\AJ	Ok
22	PTOXICV500	ICVPD101725TOX	PD090667.D	17 Oct 2025 18:42		AR\AJ	Ok,M
23	I.BLK	I.BLK	PD090668.D	17 Oct 2025 19:50		AR\AJ	Ok
24	PEM	PEM	PD090669.D	17 Oct 2025 20:04		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD090670.D	17 Oct 2025 20:18		AR\AJ	Ok
26	PB170142BL	PB170142BL	PD090671.D	17 Oct 2025 20:31		AR\AJ	Ok
27	PB170142BS	PB170142BS	PD090672.D	17 Oct 2025 20:45		AR\AJ	Ok
28	Q3366-01	TR-06-101625	PD090673.D	17 Oct 2025 20:59		AR\AJ	Ok,M
29	Q3366-03	TR-1-101625	PD090674.D	17 Oct 2025 21:12		AR\AJ	Ok,M
30	Q3367-01	BU-03-101625	PD090675.D	17 Oct 2025 21:26		AR\AJ	Ok,M
31	Q3369-01	MH-22	PD090676.D	17 Oct 2025 21:40		AR\AJ	Ok,M
32	Q3369-05	MH-21	PD090677.D	17 Oct 2025 21:53		AR\AJ	Ok,M
33	Q3363-01	PR132-SO1-085011-20	PD090678.D	17 Oct 2025 22:48		AR\AJ	Ok,M
34	Q3363-02	PR132-SO1-039085-20	PD090679.D	17 Oct 2025 23:02		AR\AJ	Ok,M
35	Q3363-03	PR132-SO3-028010-20	PD090680.D	17 Oct 2025 23:15		AR\AJ	Ok,M
36	Q3363-04	PR132-SO3-010013-20	PD090681.D	17 Oct 2025 23:29		AR\AJ	Ok,M
37	Q3363-04MS	PR132-SO3-010013-20	PD090682.D	17 Oct 2025 23:43		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD101725

Review By	Abdul	Review On	10/19/2025 5:21:31 PM
Supervise By	mohammad	Supervise On	10/24/2025 1:04:58 AM
SubDirectory	PD101725	HP Acquire Method	HP Processing Method pd101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	Q3363-04MSD	PR132-SO3-010013-20	PD090683.D	17 Oct 2025 23:56		AR\AJ	Ok,M
39	Q3363-05	COMP01-20251015	PD090684.D	18 Oct 2025 00:10		AR\AJ	Ok,M
40	Q3343-04MS	SOIL-ROLLOFF-WC-11	PD090685.D	18 Oct 2025 00:24		AR\AJ	Ok,M
41	Q3343-04MSD	SOIL-ROLLOFF-WC-11	PD090686.D	18 Oct 2025 00:37		AR\AJ	Ok
42	I.BLK	I.BLK	PD090687.D	18 Oct 2025 00:51		AR\AJ	Ok
43	PSTDCCC050	PSTDCCC050	PD090688.D	18 Oct 2025 02:13		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD103125

Review By	rahul	Review On	11/3/2025 8:19:14 AM
Supervise By	yogesh	Supervise On	11/3/2025 8:49:55 AM
SubDirectory	PD103125	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090923.D	31 Oct 2025 09:53		AR\AJ	Ok
2	I.BLK	I.BLK	PD090924.D	31 Oct 2025 10:06		AR\AJ	Ok
3	PEM	PEM	PD090925.D	31 Oct 2025 10:20		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD090926.D	31 Oct 2025 11:09		AR\AJ	Ok,M
5	PB170348BL	PB170348BL	PD090927.D	31 Oct 2025 14:37		AR\AJ	Ok
6	PB170348BS	PB170348BS	PD090928.D	31 Oct 2025 14:51	recovery fail	AR\AJ	Not Ok
7	PB170348BSD	PB170348BSD	PD090929.D	31 Oct 2025 15:07	recovery fail	AR\AJ	Not Ok
8	Q3477-03	SOUTH-MAHWAH-WA	PD090930.D	31 Oct 2025 15:21		AR\AJ	Ok,M
9	Q3495-03	TW-1025-1	PD090931.D	31 Oct 2025 15:34		AR\AJ	Ok,M
10	I.BLK	I.BLK	PD090932.D	31 Oct 2025 15:48		AR\AJ	Ok
11	PSTDCCC050	PSTDCCC050	PD090933.D	31 Oct 2025 16:01		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090934.D	04 Nov 2025 09:04		AR\AJ	Ok
2	I.BLK	I.BLK	PD090935.D	04 Nov 2025 09:17		AR\AJ	Ok
3	PEM	PEM	PD090936.D	04 Nov 2025 09:31		AR\AJ	Ok
4	PSTDCCC050	PSTDCCC050	PD090937.D	04 Nov 2025 09:45		AR\AJ	Ok,M
5	Q3515-01	SU-04-103125	PD090938.D	04 Nov 2025 10:17		AR\AJ	Ok,M
6	Q3516-01	HD-01-103125	PD090939.D	04 Nov 2025 10:31		AR\AJ	Ok,M
7	Q3519-01	PL-01-103125	PD090940.D	04 Nov 2025 10:44		AR\AJ	Ok,M
8	Q3519-01MS	PL-01-103125MS	PD090941.D	04 Nov 2025 10:58		AR\AJ	Ok,M
9	Q3519-01MSD	PL-01-103125MSD	PD090942.D	04 Nov 2025 11:12		AR\AJ	Ok,M
10	Q3520-01	EO-02-103125	PD090943.D	04 Nov 2025 11:25		AR\AJ	Ok,M
11	Q3368-06	OUTSIDE-DUMPSTER	PD090944.D	04 Nov 2025 11:39	All surrogate fail	AR\AJ	Not Ok
12	Q3368-06MS	OUTSIDE-DUMPSTER	PD090945.D	04 Nov 2025 11:53	DCB Low in both column , Comp#8,14 recover fail	AR\AJ	Not Ok
13	Q3368-06MSD	OUTSIDE-DUMPSTER	PD090946.D	04 Nov 2025 12:06	DCB Low in both column , Comp#8,14 recover fail	AR\AJ	Not Ok
14	Q3368-07	PRESS-SLUDGE	PD090947.D	04 Nov 2025 12:22	All surrogate fail	AR\AJ	Not Ok
15	I.BLK	I.BLK	PD090948.D	04 Nov 2025 12:35		AR\AJ	Ok
16	PSTDCCC050	PSTDCCC050	PD090949.D	04 Nov 2025 13:29	Comp#4 high in 1st column , Comp#22 and DCB low in 2nd column	AR\AJ	Ok
17	PB170348BSD	PB170348BSD	PD090950.D	04 Nov 2025 13:52		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD110425

Review By	rahul	Review On	11/5/2025 8:30:12 AM
Supervise By	yogesh	Supervise On	11/5/2025 8:40:26 AM
SubDirectory	PD110425	HP Acquire Method	HP Processing Method PD101725 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	PB170371BL	PB170371BL	PD090951.D	04 Nov 2025 14:09		AR\AJ	Ok
19	PB170348BS	PB170348BS	PD090952.D	04 Nov 2025 14:22		AR\AJ	Ok,M
20	PB170387BS	PB170387BS	PD090953.D	04 Nov 2025 15:41		AR\AJ	Ok,M
21	PB170387BL	PB170387BL	PD090954.D	04 Nov 2025 16:03		AR\AJ	Ok
22	PB170387TB	PB170387TB	PD090955.D	04 Nov 2025 16:17		AR\AJ	Ok
23	I.BLK	I.BLK	PD090956.D	04 Nov 2025 16:31		AR\AJ	Ok
24	PSTDCCC050	PSTDCCC050	PD090957.D	04 Nov 2025 16:44	Comp#4 high in 1st column	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM
SubDirectory	PL102825	HP Acquire Method	HP Processing Method pl102825 8081

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097635.D	28 Oct 2025 14:03		AR\AJ	Ok
2	I.BLK	I.BLK	PL097636.D	28 Oct 2025 14:17		AR\AJ	Ok
3	PEM	PEM	PL097637.D	28 Oct 2025 14:30		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL097638.D	28 Oct 2025 14:44		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL097639.D	28 Oct 2025 14:57		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL097640.D	28 Oct 2025 15:11		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL097641.D	28 Oct 2025 15:25		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL097642.D	28 Oct 2025 15:38		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL097643.D	28 Oct 2025 15:52		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL097644.D	28 Oct 2025 16:05		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL097645.D	28 Oct 2025 16:19		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL097646.D	28 Oct 2025 16:32		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL097647.D	28 Oct 2025 16:46		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL097648.D	28 Oct 2025 17:00		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL097649.D	28 Oct 2025 17:13		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL097650.D	28 Oct 2025 17:27		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL097651.D	28 Oct 2025 17:40		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL097652.D	28 Oct 2025 17:54		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL102825

Review By	Abdul	Review On	10/29/2025 8:12:28 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:12:00 PM
SubDirectory	PL102825	HP Acquire Method	HP Processing Method pl102825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PL097653.D	28 Oct 2025 18:08		AR\AJ	Ok,M
20	PSTDICV050	ICVPL102825	PL097654.D	28 Oct 2025 18:21		AR\AJ	Ok
21	PCHLORICV500	ICVPL102825CHLOR	PL097655.D	28 Oct 2025 18:35		AR\AJ	Ok,M
22	PTOXICV500	ICVPL102825TOX	PL097656.D	28 Oct 2025 18:48		AR\AJ	Ok
23	I.BLK	I.BLK	PL097657.D	28 Oct 2025 19:02		AR\AJ	Ok
24	PEM	PEM	PL097658.D	28 Oct 2025 19:16		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL097659.D	28 Oct 2025 19:29		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL103125

Review By	rahul	Review On	10/31/2025 2:27:02 PM
Supervise By	yogesh	Supervise On	11/3/2025 8:43:32 AM
SubDirectory	PL103125	HP Acquire Method	HP Processing Method pl102825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097698.D	31 Oct 2025 09:28		AR\AJ	Ok
2	I.BLK	I.BLK	PL097699.D	31 Oct 2025 09:42		AR\AJ	Ok
3	PEM	PEM	PL097700.D	31 Oct 2025 09:56		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL097701.D	31 Oct 2025 11:02		AR\AJ	Ok,M
5	Q3488-02	MOO-25-0299	PL097702.D	31 Oct 2025 12:03	F Flag in DCB in both column	AR\AJ	Not Ok
6	Q3490-01	LAW-25-0151	PL097703.D	31 Oct 2025 12:17	TCMX low in 1st column	AR\AJ	Ok,M
7	PB170340BL	PB170340BL	PL097704.D	31 Oct 2025 13:06		AR\AJ	Ok
8	PB170340BS	PB170340BS	PL097705.D	31 Oct 2025 13:19		AR\AJ	Ok
9	Q3495-02	SB-1025-2	PL097706.D	31 Oct 2025 13:33		AR\AJ	Ok,M
10	Q3495-02MS	SB-1025-2MS	PL097707.D	31 Oct 2025 13:47		AR\AJ	Ok,M
11	Q3495-02MSD	SB-1025-2MSD	PL097708.D	31 Oct 2025 14:00		AR\AJ	Ok,M
12	Q3496-01	DRILL-CUTTINGS	PL097709.D	31 Oct 2025 14:14		AR\AJ	Ok,M
13	Q3497-01	OK-01-103025	PL097710.D	31 Oct 2025 14:27		AR\AJ	Ok,M
14	Q3500-01	459	PL097711.D	31 Oct 2025 14:41	DCB high in 1st column	AR\AJ	Ok,M
15	Q3501-01	461	PL097712.D	31 Oct 2025 14:55		AR\AJ	Ok,M
16	Q3502-01	CATCH-CAN-USED-OI	PL097713.D	31 Oct 2025 15:08	DCB high in 1st column	AR\AJ	Ok,M
17	I.BLK	I.BLK	PL097714.D	31 Oct 2025 15:49		AR\AJ	Ok
18	PSTDCCC050	PSTDCCC050	PL097715.D	31 Oct 2025 16:03		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL103125

Review By	rahul	Review On	10/31/2025 2:27:02 PM
Supervise By	yogesh	Supervise On	11/3/2025 8:43:32 AM
SubDirectory	PL103125	HP Acquire Method	HP Processing Method pl102825 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24942,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137714

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3483-24	HW1025-PT-SOL-SOIL	1	1.16	10.70	11.86	9.24	75.5	
Q3487-01	KZZ294Z-A	2	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-02	KZZ294Z-B	3	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-03	KZZ256R-A	4	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-04	KZZ256R-B	5	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-05	JEH623H-A	6	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-06	JEH623H-B	7	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-07	M3-A	8	1.00	1.00	2.00	2.00	100.0	PILC
Q3487-08	M3-B	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3488-01	MOO-25-0294-0298	10	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3488-02	MOO-25-0299	11	1.15	10.33	11.48	10.88	94.2	
Q3488-04	MOO-25-0302-0310	12	1.18	10.45	11.63	10.08	85.2	
Q3488-05	MOO-25-0302-0310	13	1.15	10.46	11.61	10.7	91.3	
Q3488-06	MOO-25-0311-0313	46	1.15	10.37	11.52	10.64	91.5	
Q3489-01	245F72-A	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-02	245F72-B	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-03	L54-A	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-04	L54-B	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-05	L55-A	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-06	L55-A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-07	L56-A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-08	L56-B	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-09	L57-A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-10	L57-B	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-11	L58-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-12	L58-2	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-13	L59-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-14	L59-B	27	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:20
Out Date: 10/31/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137714

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3489-15	L60-A	28	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-16	L60-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-17	L61-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-18	L61-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-19	L62-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-20	L62-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-21	L63-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-22	L63-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-23	L64-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-24	L64-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-25	L65-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-26	L65-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-27	STC21-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-28	STC21-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-29	STF24-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3489-30	STF24-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3490-01	LAW-25-0151	44	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3491-01	SOIL-CUTTINGS-COMP	45	1.18	10.80	11.98	9.13	73.6	
Q3495-01	SB-1025-1	47	1.19	10.24	11.43	8.99	76.2	
Q3495-02	SB-1025-2	48	1.14	10.43	11.57	8.97	75.1	
Q3496-01	DRILL-CUTTINGS	49	1.19	10.61	11.8	10.33	86.1	
Q3496-02	DRILL-CUTTINGS-E2	50	1.13	10.49	11.62	10.11	85.6	
Q3497-01	OK-01-103025	51	1.13	10.93	12.06	10.37	84.5	
Q3497-02	OK-01-103025-E2	52	1.19	10.59	11.78	10.25	85.6	

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

WORKLIST(Hardcopy Internal Chain)

137714

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3483-24	HW1025-PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	10/27/2025	Chemtech -SO
Q3487-01	KZZ294Z-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-02	KZZ294Z-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-03	KZZ256R-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-04	KZZ256R-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-05	JEH623H-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-06	JEH623H-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-07	M3-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3487-08	M3-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/29/2025	Chemtech -SO
Q3488-01	MOO-25-0294-0298	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-02	MOO-25-0299	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-04	MOO-25-0302-0310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-05	MOO-25-0302-0310	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3488-06	MOO-25-0311-0313	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-01	245F72-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-02	245F72-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-03	L54-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-04	L54-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-05	L55-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-06	L55-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-07	L56-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/30/25 15:00
 Raw Sample Received by: JG (wvc)
 Raw Sample Relinquished by: RS c (1711-126)
 Date/Time 10/30/25 17:30
 Raw Sample Received by: RS (1511-126)
 Raw Sample Relinquished by: JG (wvc)

WORKLIST(Hardcopy Internal Chain)

WB 137714

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3489-08	L56-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-09	L57-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-10	L57-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-11	L58-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-12	L58-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-13	L59-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-14	L59-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-15	L60-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-16	L60-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-17	L61-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-18	L61-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-19	L62-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-20	L62-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-21	L63-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-22	L63-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-23	L64-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-24	L64-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-25	L65-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-26	L65-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-27	STC21-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-28	STC21-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO

Date/Time 10/30/25 Date/Time 17:30
 Raw Sample Received by: sg wvc Raw Sample Received by: R3 C EIT-1260
 Raw Sample Relinquished by: R3 C EIT-1260 Raw Sample Relinquished by: sg wvc

WORKLIST(Hardcopy Internal Chain)

UB 13FF14

WorkList Name : %1-103025 WorkList ID : 192793 Department : Wet-Chemistry Date : 10-30-2025 10:50:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3489-29	STF24-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3489-30	STF24-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3490-01	LAW-25-0151	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3491-01	SOIL-CUTTINGS-COMP	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/29/2025	Chemtech -SO
Q3495-01	SB-1025-1	Solid	Percent Solids	Cool 4 deg C	REMI02	D51	10/27/2025	Chemtech -SO
Q3495-02	SB-1025-2	Solid	Percent Solids	Cool 4 deg C	REMI02	D51	10/27/2025	Chemtech -SO
Q3496-01	DRILL-CUTTINGS	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/30/2025	Chemtech -SO
Q3496-02	DRILL-CUTTINGS-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/30/2025	Chemtech -SO
Q3497-01	OK-01-103025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/30/2025	Chemtech -SO
Q3497-02	OK-01-103025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	10/30/2025	Chemtech -SO

Date/Time 10/30/25 15:00
 Raw Sample Received by: SB WWC
 Raw Sample Relinquished by: RS C (EIT-1066)

Date/Time 10/30/25 17:30
 Raw Sample Received by: RS C (EIT-1066)
 Raw Sample Relinquished by: SB WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil **Extraction Start Date :** 10/31/2025

Matrix : Solid **Extraction Start Time :** 08:28

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 10/31/2025

Balance check: EH **Filter By:** RJ **Extraction End Time :** 11:40

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

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

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	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	EP2643
Baked Na2SO4	N/A	EP2655
Sand	N/A	E3951
Hexane	N/A	E3981
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. Q3500-01, Q3501-01 & Q3502-01 used Limited volume as samples are oil & Oily Debris.

KD Bath ID: N/A **Envap ID:** N-EVAP-02

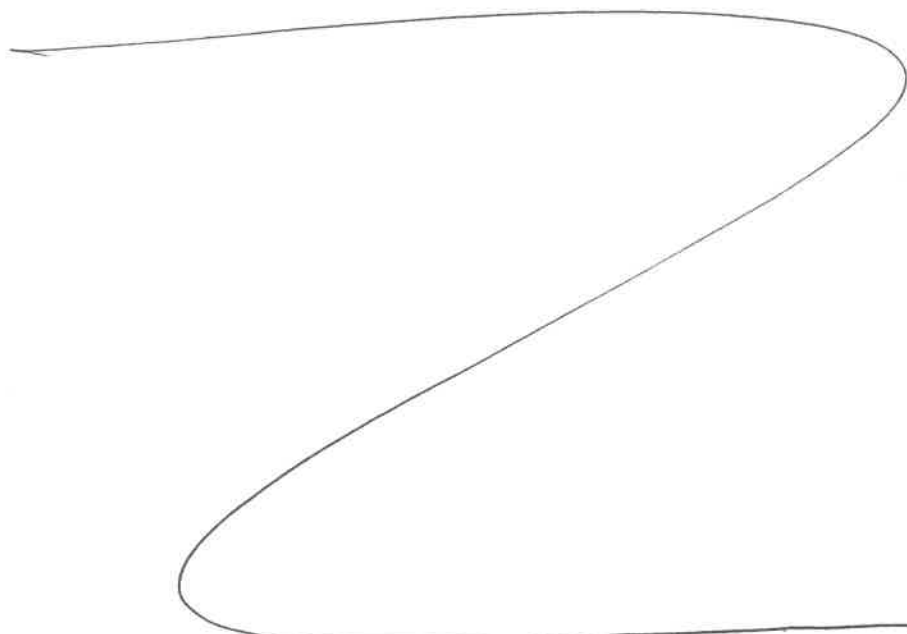
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/25	RS (Ext Lab)	R.P. Pestil PCB
11/25	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170340BL	PBLK340	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U1-1
PB170340BS	PLCS340	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10			2
Q3495-02	SB-1025-2	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		3
Q3495-02MS	SB-1025-2MS	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		4
Q3495-02MS D	SB-1025-2MSD	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		5
Q3496-01	DRILL-CUTTINGS	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		6
Q3497-01	OK-01-103025	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		U2-1
Q3500-01	459	Pesticide-TCL	1.06	N/A	ritesh	Evelyn	10		Oil	
Q3501-01	461	Pesticide-TCL	5.03	N/A	ritesh	Evelyn	10	E	Oily Debris	2
Q3502-01	CATCH-CAN-USED-OIL	Pesticide-TCL	1.05	N/A	ritesh	Evelyn	10		Oil	



RS
10/31

17-03-2025 8:23

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3495P WorkList ID : 192810 Department : Extraction Date : 10-31-2025 08:23:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3495-02	SB-1025-2	Solid	Pesticide-TCL	Cool 4 deg C	REMI02	D51	10/27/2025	8081B
Q3496-01	DRILL-CUTTINGS	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B
Q3497-01	OK-01-103025	Solid	Pesticide-TCL	Cool 4 deg C	PSEG05	D41	10/30/2025	8081B
Q3500-01	459	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B
Q3501-01	461	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B
Q3502-01	CATCH-CAN-USED-OIL	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/30/2025	8081B

Date/Time 10/31/25 8:23
Raw Sample Received by: R3 CLEA-1006
Raw Sample Relinquished by: JH WDC1

Date/Time 10/31/25 8:50
Raw Sample Received by: JH WDC1
Raw Sample Relinquished by: R3 CLEA-1006

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

Clean Up SOP #: Florisil **Extraction Start Date :** 10/31/2025

Matrix : Water **Extraction Start Time :** 09:24

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 10/31/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 13:55

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

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

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	SP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3980
Baked Na2SO4	N/A	EP2655
Hexane	N/A	E3981
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot#03-40BTS721.

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/25 14:00	RS (Ext Lab)	Y-P-Pesticides
	Preparation Group	Analysis Group

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

Concentration Date: 10/31/2025

Sample ID	Client Sample ID	Test	g  mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170348BL	PBLK348	Pesticide-TCL	1000	6	RUPESH	ritesh	10			SEP-1
PB170348BS	PLCS348	Pesticide-TCL	1000	6	RUPESH	ritesh	10			2
PB170348BS D	PLCSD348	Pesticide-TCL	1000	6	RUPESH	ritesh	10			3
Q3477-03	SOUTH-MAHWAH-WATER	Pesticide-TCL	990	6	RUPESH	ritesh	10	S		4
Q3495-03	TW-1025-1	Pesticide-TCL	980	6	RUPESH	ritesh	10	H		5

Rs
10/31

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3477P WorkList ID : 192822 Department : Extraction Date : 10-31-2025 08:43:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3477-03	SOUTH-MAHWAH-WATER	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	D41	10/28/2025	8081B
Q3495-03	TW-1025-1	Water	Pesticide-TCL	Cool 4 deg C	REMI02	D51	10/27/2025	8081B

Date/Time 10/31/25 9:20
Raw Sample Received by: PS (Ext-Lab)
Raw Sample Relinquished by: PS (Ext-Lab)

Date/Time 10/31/25 9:45
Raw Sample Received by: PS (Ext-Lab)
Raw Sample Relinquished by: PS (Ext-Lab)

Prep Standard - Chemical Standard Summary

Order ID : Q3495

Test : Pesticide-TCL

Prepbatch ID : PB170340,PB170348,

Sequence ID/Qc Batch ID: pd103125,pd110425,pl103125,

Standard ID :

EP2643,EP2644,EP2655,PP24651,PP24663,PP24738,PP24739,PP24740,PP24741,PP24742,PP24744,PP24745,PP24746,PP24747,PP24748,PP24749,PP24750,PP24751,PP24752,PP24753,PP24754,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764,PP24766,PP24942,SP24663,

Chemical ID :

E3875,E3941,E3944,E3951,E3955,E3956,E3971,E3972,E3976,E3980,E3981,P12604,P12610,P13038,P13041,P13196,P13246,P13774,P13780,P13786,P13788,P13862,P9053,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2643	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel
09/16/2025								

FROM 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1215	FLOROSIL CLEAN UP-WASHING SOLN	EP2644	09/18/2025	03/18/2026	Evelyn Huang	None	None	Riteshkumar Patel
09/18/2025								

FROM 100.00000ml of E3972 + 900.00000ml of E3971 = Final Quantity: 1000.000 ml



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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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



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



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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

FROM 0.50000ml of PP24749 = Final Quantity: 1.000 ml

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

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



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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	07/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3941

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3955

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agela Technologies Inc.	FS0006 / Cleanert Florisil cartridge	M07456	04/03/2026	10/03/2025 / Evelyn	10/03/2025 / Evelyn	E3976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L)	25C1262005	04/16/2026	10/10/2025 / RUPESH	10/10/2025 / RUPESH	E3980

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/30/2026	10/27/2025 / RUPESH	10/22/2025 / RUPESH	E3981

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

CHEMICAL RECEIPT LOG BOOK

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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0200423	01/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13038

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul	A0199099	07/21/2026	07/21/2025 / Abdul	12/26/2023 / Abdul	P13041

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	042022	01/21/2026	07/21/2025 / Abdul	01/17/2024 / Abdul	P13196

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	19161 / 8081 pesticide resolution check mixture	013124	12/17/2025	06/17/2025 / Abdul	02/09/2024 / Abdul	P13246

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0203038	01/21/2026	07/21/2025 / Abdul	05/03/2024 / Ankita	P13774

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32074 / Pesticide Performance Evaluation Mix w/Surrogate	A0213999	03/24/2026	09/24/2025 / Abdul	11/19/2024 / Ankita	P13780

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	01/21/2026	07/21/2025 / Abdul	11/19/2024 / Ankita	P13788

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32005 / Toxaphene Standard	A0210240	01/21/2026	07/21/2025 / Abdul	12/09/2024 / Abdul	P13862

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	79136 / Mirex, 1000 ug/ml	112018	01/21/2026	07/21/2025 / Abdul	11/01/2019 / Stephen	P9053



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

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

CERTIFICATE OF ANALYSIS

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

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

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

RE-02-01, Ed. 3

E 3875

Certificate of Analysis

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

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

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

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

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

Harout Sahagian

Recd. by RI on 6/11/25

E3941

Harout Sahagian - Quality Control Manager - Fair Lawn

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

*Based on suggested storage condition.

Acetone

BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

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

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis



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

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

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

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

Received on 7/16/25

E 3955

Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials, LLC

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

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

 **avantors**[™]



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

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

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

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

Received on 7/16/25

E3956



Jamie Croak
Director Quality Operations, Bioscience Production

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



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

Certificate of Analysis

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

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

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

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

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

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

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

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC

Cleanert Florisil

1g/6ml 30/pkg

LOT#:M07456

MFG#:G02147

CAT#FS0006



固相萃取产品

Made in China

Agela Technologies

E 3976



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



Material No.: 9266-A4
Batch No.: 25C1262005
Manufactured Date: 2025-01-15
Expiration Date: 2026-04-16
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	1
Assay (CH_2Cl_2) (by GC, exclusive of preservative, corrected for water)	$\geq 99.8\%$	100.0 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Titration Acid ($\mu\text{eq/g}$)	≤ 0.3	< 0.1
Chloride (Cl)	≤ 10 ppm	< 5 ppm
Water (by KF, coulometric)	$\leq 0.02\%$	$< 0.01\%$

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

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

REC. on 10/10/25
RJ

E3980

Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials, LLC

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

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

avantor™



Material No.: 9262-03

Batch No.: 25C0362006

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	4
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

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

Received on 10/22/25

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

E3981

Jamie Croak
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32291 Lot No.: A0199099

Description : Organochlorine Pesticide Mix AB #1

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

Container Size : 2 mL Pkg Amt: > 1 mL

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

Ship: Ambient

P130397 5
↓
P13043 1
✓
12-26-2023

CERTIFIED VALUES

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

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

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

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

P13039
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 P13043
 5
 1
 JAW
 12/26/23

Quality Confirmation Test

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

Carrier Gas:
 helium-constant pressure 20 psi.

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

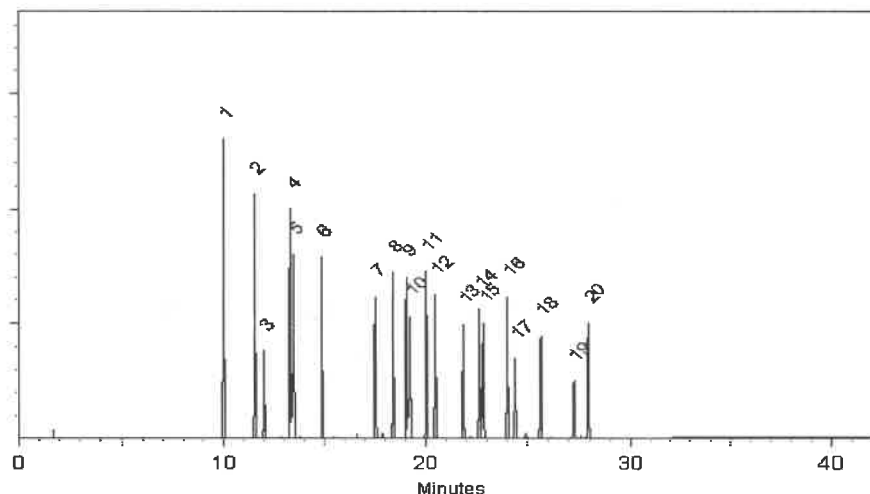
Inj. Temp:
 200°C

Det. Temp:
 300°C

Det. Type:
 ECD

Split Vent:
 Split ratio 50:1

Inj. Vol
 1µl



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

Josh McCloskey
 Josh McCloskey - Operations Technician I

Date Mixed: 19-Jun-2023

Balance Serial # 1128360905

Jennifer Pollino
 Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

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

**CERTIFIED WEIGHT REPORT**

Part Number:	<u>79136</u>
Lot Number:	<u>042022</u>
Description:	<u>Milrex</u>

Solvent(s):	Lot#
Acetone	81025

Expiration Date:	04/20/27
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

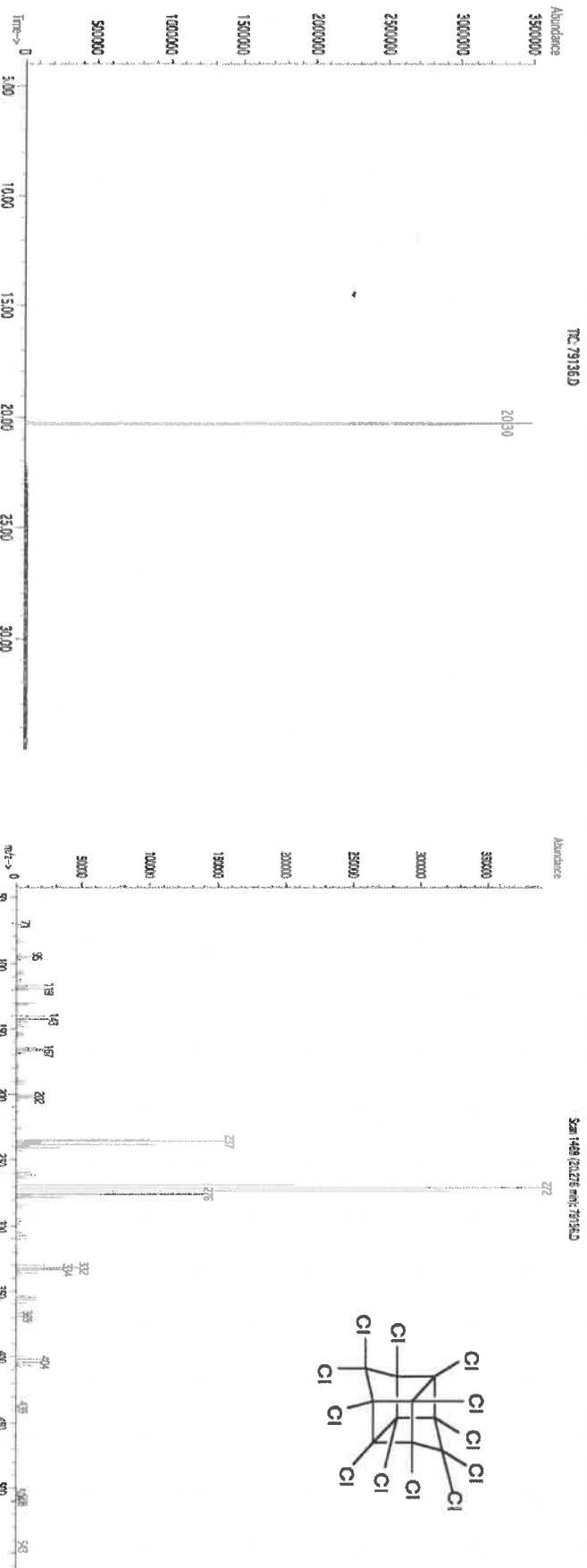
5E-05	Balance Uncertainty
0.006	Flask Uncertainty

Formulated By:	 Prashant Chauhan	042022
Reviewed By:	 Pedro L. Nantes	042022

Compound	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Uncertainty (+/-) (µg/mL)	(Solvent Safety Info. On Attached pg.)	
			Purity				CAS#			
									OSHA PEL (TWA)	L250

	1.	Mirex
	437	9492400
	1000	99.4
	0.5	0.05034
	0.05040	1001.1
	10.3	2385-65-5
	N/A	off-rat 306mg/kg

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



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

- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.

• Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

$P_{13,195}$
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 $P_{13,199}$
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 $\downarrow$

01/17/2024
JALIN

5



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 32021 **Lot No.:** A0197993
Description : Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : August 31, 2029 **Storage:** 10°C or colder
Ship: Ambient

P 12603
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P 12605
[3]
Kauf
7/3/2023

CERTIFIED VALUES

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

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

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

Tech Tips:

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

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

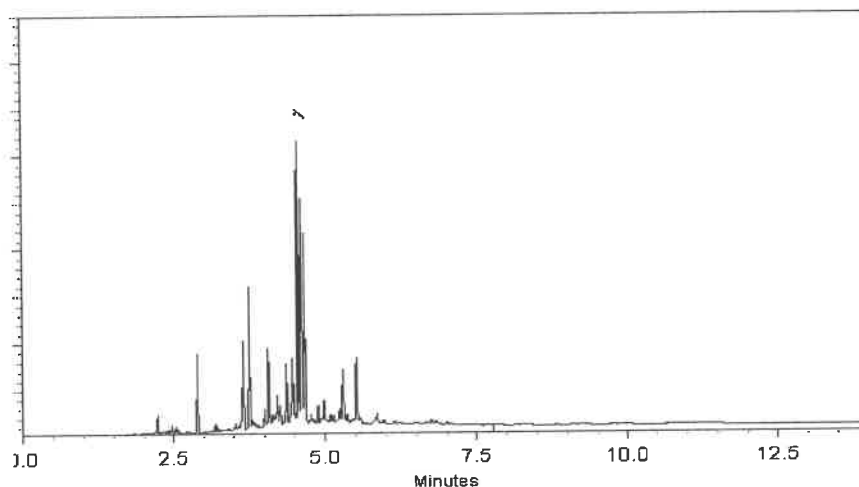
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



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


Morgan Craighead - Mix Technician

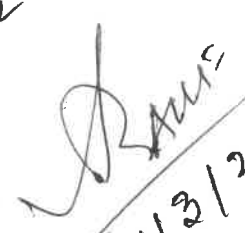
Date Mixed: 11-May-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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

P 12603 } (3)
↓
P 12605

7/3/2023



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis *chromatographic plus*



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No.: 32021 Lot No.: A0197993
Description: Chlordane Standard
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul
Container Size: 2 mL Pkg Amt: > 1 mL
Expiration Date: August 31, 2029 Storage: 10°C or colder
Ship: Ambient

Start
P 12606
P 12610
5 Five
RAUF
7/3/2023

CERTIFIED VALUES

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

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

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

Tech Tips:

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

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. { hold 10 min.}

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

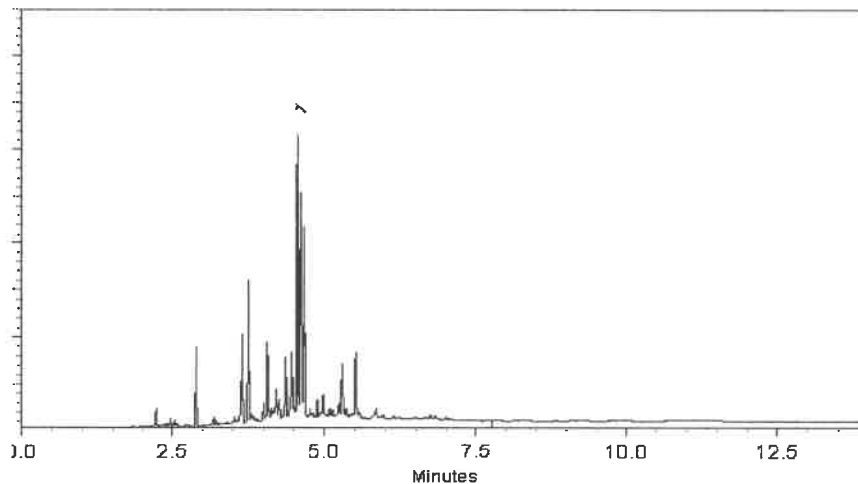
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



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

Morgan Craighead - Mix Technician

Date Mixed: 11-May-2023

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-May-2023

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



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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Organochlorine Pesticide Mix AB #1

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

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

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

Ship: Ambient

P 13034
↓
P 13038
✓
12.26.2023

CERTIFIED VALUES

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

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

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

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

P13034
P13038
1
5
12/26/2023

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

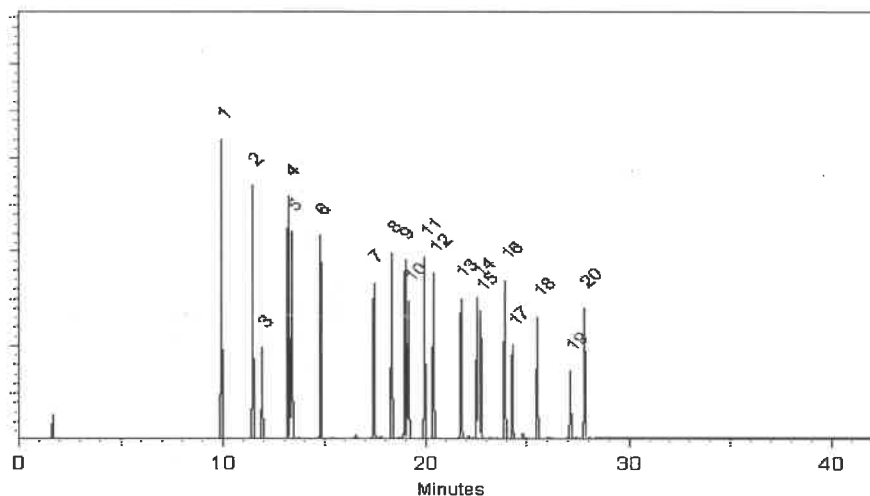
Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
Split ratio 50:1

Inj. Vol
1µl



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

Sam Moodler
Sam Moodler - Operations Tech I

Date Mixed: 31-Jul-2023

Balance Serial # B442140311

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 03-Aug-2023

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



CERTIFIED WEIGHT REPORT

Part Number:
Lot Number:
Description:

19161
013124

CLP Pesticides & PCBs Resolution Check Standard

9 components

Solvent(s):

Lot#

(50%)

Expiration Date:

013129

Recommended Storage:

Refrigerate (4 °C)

Hexane

273615

(50%)

Nominal Concentration (µg/mL):

Varied

Toluene

28508

(50%)

NIST Test ID#:

6UTB

5E-05

Balance Uncertainty

0.021

Pipet Uncertainty

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

100.0

0.021

Pipet Uncertainty

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

Compound

Part Number

Lot Number

Dil. Factor

Initial Vol. (mL)

Uncertainty Pipette (mL)

Initial Conc. (µg/mL)

Final Conc. (µg/mL)

Expanded Uncertainty (±) µg/mL

CAS#

OSHA PEL (TWA)

LD50

SDS Information

(Solvent Safety Info. On Attached pg.)

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

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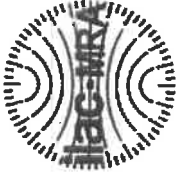
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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Toxaphene Standard

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Toxaphene	8001-35-2	1051817	—%	1,009.0 µg/mL	+/- 55.9920

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

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

Handwritten notes and signatures:

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

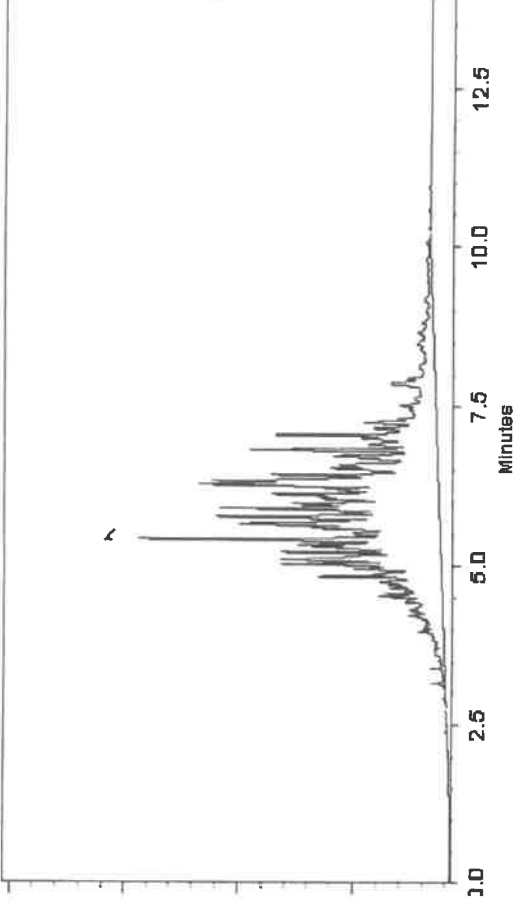
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



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

J.P.

Dakota Parson - Operations Technician I

Date Mixed: 10-Oct-2023

Balance Serial #

1128353505

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

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

(Signature)
P13773
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11/19/24
(Signature)
10-5-20



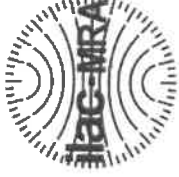
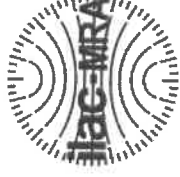
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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

Description: Pesticide Performance Eval Mix w/Surrogate

Performance Evaluation Std. 3/90 SOW w/surrogates 1-25µg/mL,
Hexane, 1mL/ampul

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

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

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

PI8780 AJ
11/19/24

PI8784

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	2.0 µg/mL	+/- 0.1506
2	alpha-BHC	319-84-6	15279000	99%	1.0 µg/mL	+/- 0.0749
3	gamma-BHC (Lindane)	58-89-9	14931300	97%	1.0 µg/mL	+/- 0.0756
4	beta-BHC	319-85-7	BCCC6425	99%	1.0 µg/mL	+/- 0.0749
5	Endrin	72-20-8	15076100	98%	5.0 µg/mL	+/- 0.3769
6	4,4'-DDT	50-29-3	231103JLM	97%	10.0 µg/mL	+/- 0.7512
7	Methoxychlor	72-43-5	14979500	98%	24.8 µg/mL	+/- 1.8543
8	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	2.0 µg/mL	+/- 0.1513

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

Column:

30m x .25mm x .2µm
Rtx-CLP II (cat.# 111323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

200°C

Det. Temp:

300°C

Det. Type:

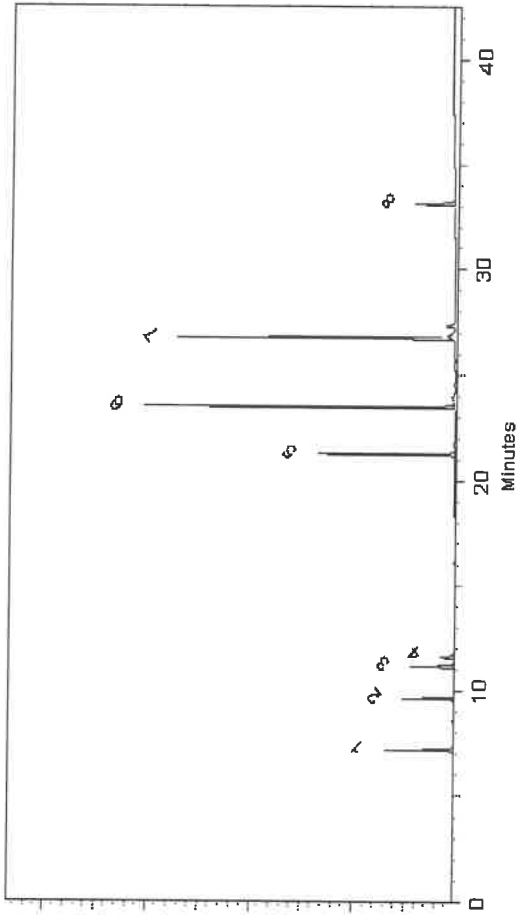
ECD

Split Vent:

Split ratio 50:1

Inj. Vol

1µl



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

Malina Homan

Malina Homan - Operations Technician I

Date Mixed: 17-Jul-2024

Balance Serial # 1128353505

Jennifer Pollino

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 31-Jul-2024

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



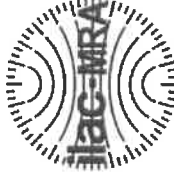
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Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

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

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

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

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

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

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

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

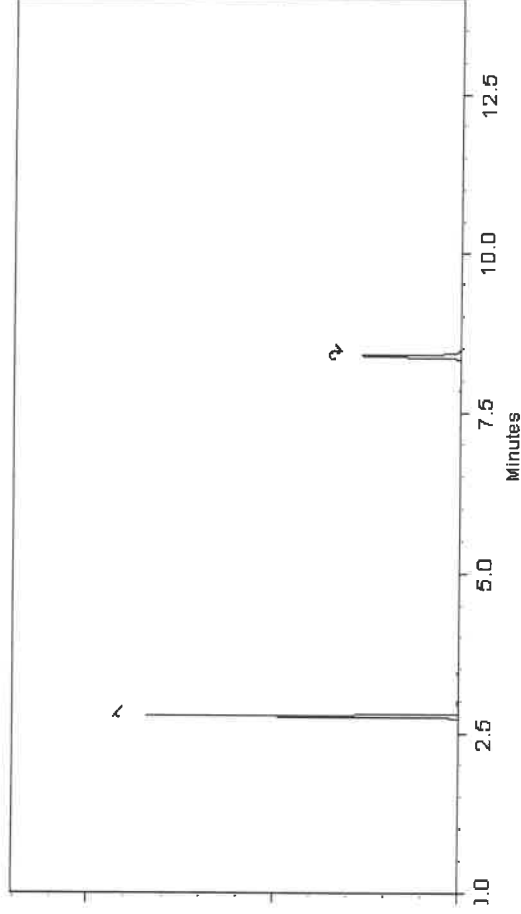
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

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

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

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



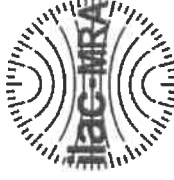
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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

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

Description : Pesticide Surrogate Mix

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

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

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

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

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

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

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

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

Tech Tips:

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

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

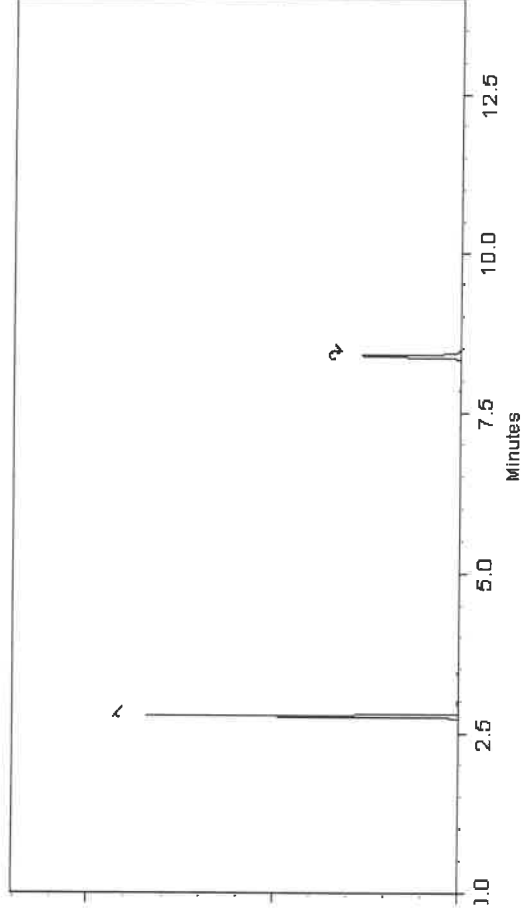
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



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

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

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

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



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

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

Description : Toxaphene Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

P13861
P13862

12/9/2024

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

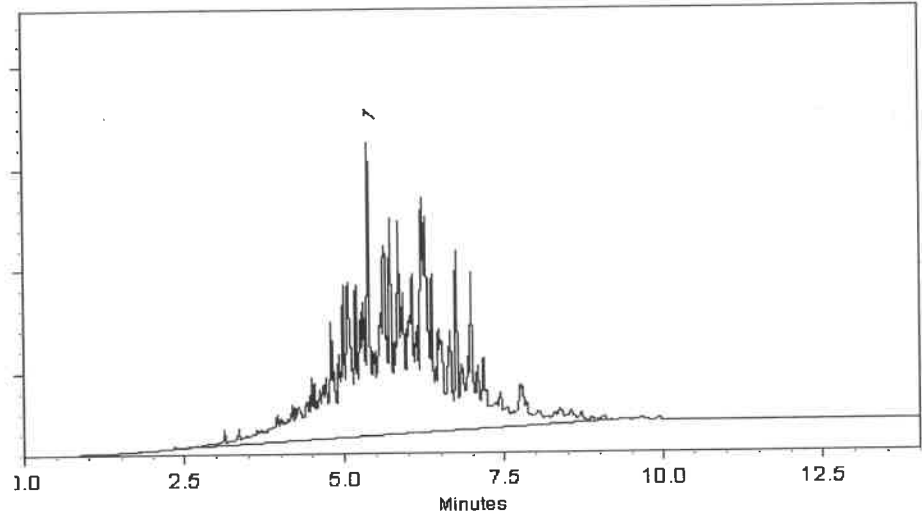
ECD

Split Vent:

300 ml/min.

Inj. Vol

0.2µl



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


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

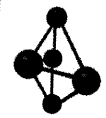
Balance Serial # B442140311


Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 26-Apr-2024

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

P13861 } ②
P13862 }
✓
12/9/2024



CERTIFIED WEIGHT REPORT

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

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

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

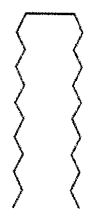
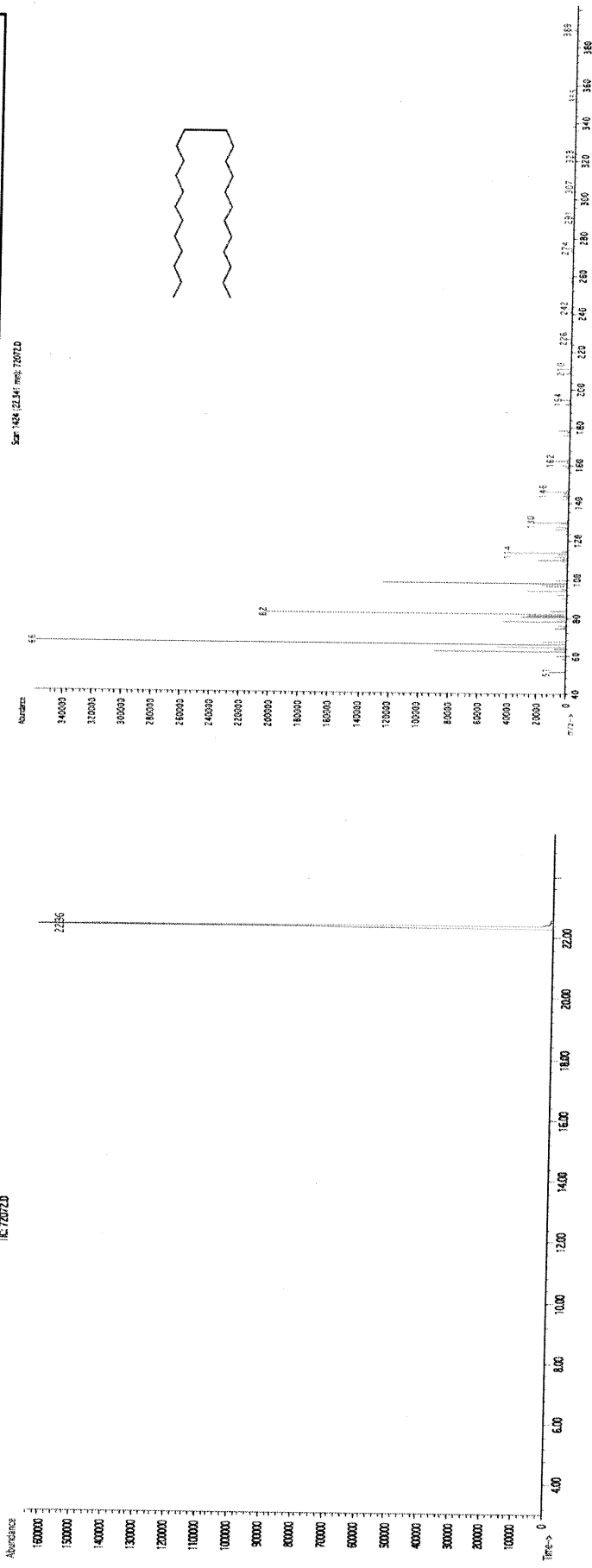
Solvent(s): **Methylene chloride**
Lot#: **102669**

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

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

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

TC 720720



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



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

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

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

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

Analyzed using Method "GC4-M1".

Comments

GC4-M1 Analysis by Melissa Stonier

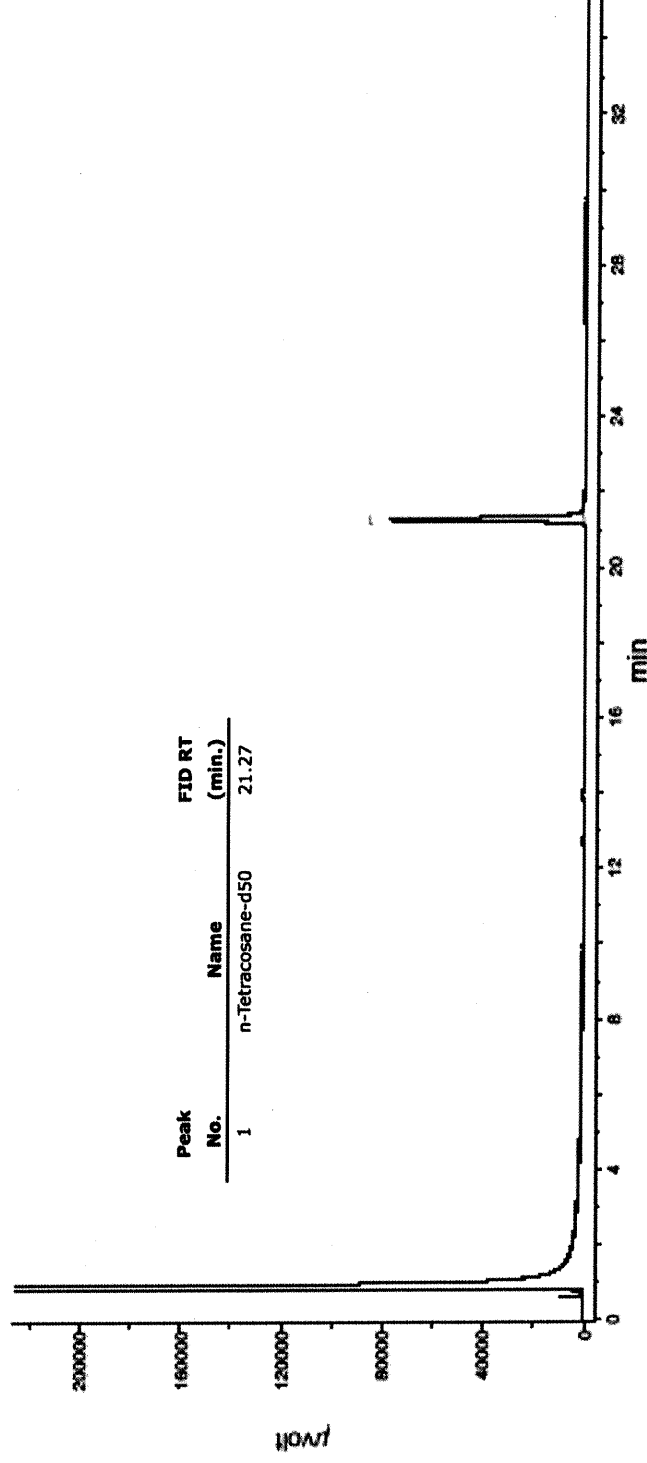
Column ID SPB5 L#60062-01A : 30 meter x 0.53mm x 1.5µm Film Thickness

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

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

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

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





SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Remington Vernick Engineers
ADDRESS: 2059 Springdale Road
CITY: Cherry Hill STATE: NT ZIP: 08003
ATTENTION: Kyle Carson nk.com
PHONE: 856-795-9595 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Mockane Park SI
PROJECT NO.: 130TD25 LOCATION: Belmar, NJ
PROJECT MANAGER: Kyle Carson
e-mail: Kyle.Carlson@nk.com
PHONE: 609-682-3049 FAX:

CLIENT BILLING INFORMATION

BILL TO: APinvolves@nk.com PO#: 130TD25
ADDRESS: 2059 Springdale Road
CITY: Cherry Hill STATE: NT ZIP: 08003
ATTENTION: Kyle Carson PHONE: 856-795-9595

ANALYSIS

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

1. TCL PAHS 2. TAL Metals 3. VOCs 4. TCL PAHS 5. TAL Metals 6. VOCs 7. TCL PAHS 8. TAL Metals 9. VOCs

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		E	E	A	E	B	D	F	F	F	
1.	SB-1025-1	S		X	10/21/25	10:00	2	1	1								
2.	SB-1025-2	S		X	10/21/25	10:45	7		1		2			1	2	1	CH ₄ , DI water
3.	TW-1025-1	GW		X	10/21/25	11:15	8			2	4	1	1				~~DI water~~ (M)
4.	Trip Bank	GW		X	10/24/25	08:00	4			4							
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Arriamater</u>	DATE/TIME: <u>10/21/25 11:30</u>	RECEIVED BY: <u>P 1707</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.9</u> °C
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: <u>10/21/25 11:30</u>	RECEIVED BY: <u>P 1029-25</u>	Comments:
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>10/24/25</u>	RECEIVED BY: <u>3.</u>	Page <u>1</u> of <u>1</u>

CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3495	REMI02	Order Date : 10/30/2025 10:45:41 AM	Project Mgr :
Client Name : Remington & Vernick Engi		Project Name : Maclearie Park	Report Type : Level 1
Client Contact : Kyle Carlson		Receive DateTime : 10/30/2025 12:00:00 AM	EDD Type : EXCEL NJCLEANUP
Invoice Name : Remington & Vernick Engi		Purchase Order : <i>29</i> <i>18:52</i>	Hard Copy Date :
Invoice Contact : Kyle Carlson			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3495-02	SB-1025-2	Solid	10/27/2025	10:45					
					VOC-TCLVOA-10	TCL+30/TAL	8260D	10 Bus. Days	
Q3495-03	TW-1025-1	Water	10/27/2025	11:15					
					VOC-TCLVOA-10	TCL+30/TAL	8260-Low	10 Bus. Days	
Q3495-04	TB	Water	10/27/2025	08:00					
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By : *OR*

Date / Time : *10/30/25 11:31*

Received By : *[Signature]*

Date / Time : *10/30/25 11:31*

Storage Area : VOA Refridgerator Room

Ref # 6
Ref # 2
Ref # 4