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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

LAB CHRONICLE

OrderID:	Q3323	**OrderDate:**	10/9/2025 2:32:00 PM
Client:	Langan Engineering and Environmental Services, Inc	**Project:**	Con Edison Richmond Terrace
Contact:	Gregory DelMastro	**Location:**	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3323-01	**SED-01-0-2**	**SOIL**			**10/09/25**			**10/09/25**
			PCB	8082A		10/13/25	10/13/25	
			Pesticide-TCL	8081B		10/13/25	10/14/25	
Q3323-02	**SED-02-0-2**	**SOIL**			**10/09/25**			**10/09/25**
			PCB	8082A		10/13/25	10/13/25	
			Pesticide-TCL	8081B		10/13/25	10/14/25	
Q3323-03	**SED-03-0-2**	**SOIL**			**10/09/25**			**10/09/25**
			PCB	8082A		10/13/25	10/13/25	
			Pesticide-TCL	8081B		10/13/25	10/14/25	
Q3323-04	**SED-04-0-2**	**SOIL**			**10/09/25**			**10/09/25**
			PCB	8082A		10/13/25	10/13/25	
			Pesticide-TCL	8081B		10/13/25	10/14/25	
Q3323-05	**SED-05-0-2**	**SOIL**			**10/09/25**			**10/09/25**
			PCB	8082A		10/13/25	10/13/25	
			Pesticide-TCL	8081B		10/13/25	10/14/25	
Q3323-06	**SED-06-0-2**	**SOIL**			**10/09/25**			**10/09/25**
			PCB	8082A		10/13/25	10/13/25	
			Pesticide-TCL	8081B		10/13/25	10/14/25	
Q3323-07	**SED-07-0-2**	**SOIL**			**10/09/25**			**10/09/25**
			PCB	8082A		10/13/25	10/13/25	
			Pesticide-TCL	8081B		10/13/25	10/14/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3323 **Order ID:** Q3323

Client: Langan Engineering and Environmental Services **Project ID:** Con Edison Richmond Terrace

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**SED-01-0-2**							
Q3323-01	SED-01-0-2	SOIL	Aldrin	0.21	J	0.18	2.50	ug/kg
Q3323-01	SED-01-0-2	SOIL	Heptachlor epoxide	0.39	J	0.28	2.50	ug/kg
Q3323-01	SED-01-0-2	SOIL	alpha-Chlordane	0.61	JP	0.18	2.50	ug/kg
Q3323-01	SED-01-0-2	SOIL	gamma-Chlordane	0.32	J	0.22	2.50	ug/kg
			Total Concentration:	**1.530**				
Client ID :	**SED-02-0-2**							
Q3323-02	SED-02-0-2	SOIL	4,4-DDE	0.45	J	0.24	3.00	ug/kg
Q3323-02	SED-02-0-2	SOIL	alpha-Chlordane	0.37	J	0.21	3.00	ug/kg
			Total Concentration:	**0.820**				
Client ID :	**SED-03-0-2**							
Q3323-03	SED-03-0-2	SOIL	4,4-DDE	0.34	J	0.20	2.40	ug/kg
Q3323-03	SED-03-0-2	SOIL	4,4-DDD	0.71	JP	0.21	2.40	ug/kg
			Total Concentration:	**1.050**				
Client ID :	**SED-07-0-2**							
Q3323-07	SED-07-0-2	SOIL	4,4-DDE	0.36	J	0.17	2.10	ug/kg
Q3323-07	SED-07-0-2	SOIL	4,4-DDD	0.66	JP	0.18	2.10	ug/kg
Q3323-07	SED-07-0-2	SOIL	4,4-DDT	0.32	J	0.17	2.10	ug/kg
Q3323-07	SED-07-0-2	SOIL	alpha-Chlordane	0.71	J	0.15	2.10	ug/kg
			Total Concentration:	**2.050**				

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3323

Client: Langan Engineering and Environmental S

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PD090327.D	PIBLK-PD090327.D	Decachlorobiphen	1	20	17.6	88		57	171
		Tetrachloro-m-xyl	1	20	16.5	83		61	148
		Decachlorobiphen	2	20	17.2	86		57	171
		Tetrachloro-m-xyl	2	20	16.9	85		61	148
I.BLK-PD090571.D	PIBLK-PD090571.D	Decachlorobiphen	1	20	24.1	121		57	171
		Tetrachloro-m-xyl	1	20	22.6	113		61	148
		Decachlorobiphen	2	20	25.6	128		57	171
		Tetrachloro-m-xyl	2	20	25.6	128		61	148
PB170065BL	PB170065BL	Decachlorobiphen	1	20	18.8	94		20	144
		Tetrachloro-m-xyl	1	20	17.1	85		19	148
		Decachlorobiphen	2	20	19.1	95		20	144
		Tetrachloro-m-xyl	2	20	19.5	97		19	148
PB170065BS	PB170065BS	Decachlorobiphen	1	20	26.4	132		20	144
		Tetrachloro-m-xyl	1	20	20.8	104		19	148
		Decachlorobiphen	2	20	26.9	134		20	144
		Tetrachloro-m-xyl	2	20	23.3	116		19	148
Q3323-01	SED-01-0-2	Decachlorobiphen	1	20	12.7	64		20	144
		Tetrachloro-m-xyl	1	20	15.1	75		19	148
		Decachlorobiphen	2	20	9.02	45		20	144
		Tetrachloro-m-xyl	2	20	15.7	79		19	148
Q3323-02	SED-02-0-2	Decachlorobiphen	1	20	16.4	82		20	144
		Tetrachloro-m-xyl	1	20	17.3	87		19	148
		Decachlorobiphen	2	20	12.5	63		20	144
		Tetrachloro-m-xyl	2	20	17.5	88		19	148
Q3323-03	SED-03-0-2	Decachlorobiphen	1	20	12.8	64		20	144
		Tetrachloro-m-xyl	1	20	16.3	81		19	148
		Decachlorobiphen	2	20	9.51	48		20	144
		Tetrachloro-m-xyl	2	20	16.2	81		19	148
Q3323-04	SED-04-0-2	Decachlorobiphen	1	20	13.8	69		20	144
		Tetrachloro-m-xyl	1	20	16.1	80		19	148
		Decachlorobiphen	2	20	8.47	42		20	144
		Tetrachloro-m-xyl	2	20	16.6	83		19	148
Q3323-05	SED-05-0-2	Decachlorobiphen	1	20	9.71	49		20	144
		Tetrachloro-m-xyl	1	20	10.0	50		19	148
		Decachlorobiphen	2	20	7.56	38		20	144
		Tetrachloro-m-xyl	2	20	11.6	58		19	148
Q3323-06	SED-06-0-2	Decachlorobiphen	1	20	9.21	46		20	144
		Tetrachloro-m-xyl	1	20	15.8	79		19	148
		Decachlorobiphen	2	20	7.82	39		20	144
		Tetrachloro-m-xyl	2	20	17.4	87		19	148
Q3323-07	SED-07-0-2	Decachlorobiphen	1	20	12.9	64		20	144

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

Surrogate Summary

SDG No.: Q3323

Client: Langan Engineering and Environmental S

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
Q3323-07	SED-07-0-2	Tetrachloro-m-xyl	1	20	14.9	75		19	148
		Decachlorobiphen	2	20	9.00	45		20	144
		Tetrachloro-m-xyl	2	20	16.1	80		19	148
I.BLK-PD090583.D	PIBLK-PD090583.D	Decachlorobiphen	1	20	16.2	81		57	171
		Tetrachloro-m-xyl	1	20	16.6	83		61	148
		Decachlorobiphen	2	20	14.5	72		57	171
		Tetrachloro-m-xyl	2	20	18.4	92		61	148
I.BLK-PL097523.D	PIBLK-PL097523.D	Decachlorobiphen	1	20	21.4	107		57	171
		Tetrachloro-m-xyl	1	20	19.2	96		61	148
		Decachlorobiphen	2	20	20.6	103		57	171
		Tetrachloro-m-xyl	2	20	19.3	97		61	148
I.BLK-PL097612.D	PIBLK-PL097612.D	Decachlorobiphen	1	20	26.7	133		57	171
		Tetrachloro-m-xyl	1	20	22.0	110		61	148
		Decachlorobiphen	2	20	21.0	105		57	171
		Tetrachloro-m-xyl	2	20	21.6	108		61	148
Q3326-01MS	TP-1MS	Decachlorobiphen	1	20	16.4	82		20	144
		Tetrachloro-m-xyl	1	20	15.6	78		19	148
		Decachlorobiphen	2	20	14.1	70		20	144
		Tetrachloro-m-xyl	2	20	16.1	81		19	148
Q3326-01MSD	TP-1MSD	Decachlorobiphen	1	20	16.4	82		20	144
		Tetrachloro-m-xyl	1	20	15.9	79		19	148
		Decachlorobiphen	2	20	14.2	71		20	144
		Tetrachloro-m-xyl	2	20	16.0	80		19	148
I.BLK-PL097622.D	PIBLK-PL097622.D	Decachlorobiphen	1	20	22.9	114		57	171
		Tetrachloro-m-xyl	1	20	21.1	106		61	148
		Decachlorobiphen	2	20	20.2	101		57	171
		Tetrachloro-m-xyl	2	20	21.5	108		61	148

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3323 **Analytical Method:** 8081B

Client: Langan Engineering and Environmental S **DataFile :** PL097619.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3326-01MS (Column 1)**	**Client Sample ID:**		**TP-1MS**								
	alpha-BHC	18.82	0	18.9	ug/kg	100				60	144	
	beta-BHC	18.82	0	19.2	ug/kg	102				54	143	
	delta-BHC	18.82	0	19.2	ug/kg	102				29	151	
	gamma-BHC (Lindane)	18.82	0	18.7	ug/kg	99				61	140	
	Heptachlor	18.82	0	18.0	ug/kg	96				63	135	
	Aldrin	18.82	0	18.6	ug/kg	99				49	139	
	Heptachlor epoxide	18.82	0	17.9	ug/kg	95				41	156	
	Endosulfan I	18.82	0	18.6	ug/kg	99				56	142	
	Dieldrin	18.82	0.3202	18.9	ug/kg	99				47	161	
	4,4'-DDE	18.82	0	19.2	ug/kg	102				55	136	
	Endrin	18.82	0	17.0	ug/kg	90				57	139	
	Endosulfan II	18.82	0	16.9	ug/kg	90				40	163	
	4,4'-DDD	18.82	0	20.0	ug/kg	106				47	163	
	Endosulfan sulfate	18.82	0	18.2	ug/kg	97				62	139	
	4,4'-DDT	18.82	0	16.9	ug/kg	90				51	146	
	Methoxychlor	18.82	0	16.1	ug/kg	86				54	136	
	Endrin ketone	18.82	0	18.7	ug/kg	99				60	129	
	Endrin aldehyde	18.82	0	18.6	ug/kg	99				59	132	
	alpha-Chlordane	18.82	0	18.5	ug/kg	98				39	166	
	gamma-Chlordane	18.82	0	18.6	ug/kg	99				44	175	
Lab Sample ID:	**Q3326-01MS (Column 2)**	**Client Sample ID:**		**TP-1MS**								
	alpha-BHC	18.82	0	18.5	ug/kg	98				60	144	
	beta-BHC	18.82	0	17.6	ug/kg	94				54	143	
	delta-BHC	18.82	0	18.2	ug/kg	97				29	151	
	gamma-BHC (Lindane)	18.82	0	18.3	ug/kg	97				61	140	
	Heptachlor	18.82	0	17.3	ug/kg	92				63	135	
	Aldrin	18.82	0	18.2	ug/kg	97				49	139	
	Heptachlor epoxide	18.82	0	17.8	ug/kg	95				41	156	
	Endosulfan I	18.82	0	17.8	ug/kg	95				56	142	
	Dieldrin	18.82	0.3052	17.4	ug/kg	92				47	161	
	4,4'-DDE	18.82	0	17.7	ug/kg	94				55	136	
	Endrin	18.82	0	16.3	ug/kg	87				57	139	
	Endosulfan II	18.82	0	17.7	ug/kg	94				40	163	
	4,4'-DDD	18.82	0	17.8	ug/kg	95				47	163	
	Endosulfan sulfate	18.82	0	16.7	ug/kg	89				62	139	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	Q3323	**Analytical Method:**	8081B
Client:	Langan Engineering and Environmental S	**DataFile :**	PL097619.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	18.82	0	15.3	ug/kg	81				51	146	
Methoxychlor	18.82	0	14.7	ug/kg	78				54	136	
Endrin ketone	18.82	0	15.8	ug/kg	84				60	129	
Endrin aldehyde	18.82	0	15.7	ug/kg	83				59	132	
alpha-Chlordane	18.82	0	17.6	ug/kg	94				39	166	
gamma-Chlordane	18.82	0	17.4	ug/kg	92				44	175	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3323 **Analytical Method:** 8081B

Client: Langan Engineering and Environmental S **DataFile :** PL097620.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3326-01MSD (Column 1)**	**Client Sample ID:**		**TP-1MSD**								
	alpha-BHC	18.86	0	18.6	ug/kg	99		1		60	144	20
	beta-BHC	18.86	0	18.9	ug/kg	100		2		54	143	20
	delta-BHC	18.86	0	19.1	ug/kg	101		1		29	151	20
	gamma-BHC (Lindane)	18.86	0	18.5	ug/kg	98		1		61	140	20
	Heptachlor	18.86	0	18.0	ug/kg	95		1		63	135	20
	Aldrin	18.86	0	18.4	ug/kg	98		1		49	139	20
	Heptachlor epoxide	18.86	0	17.8	ug/kg	94		1		41	156	20
	Endosulfan I	18.86	0	18.3	ug/kg	97		2		56	142	20
	Dieldrin	18.86	0.3202	18.9	ug/kg	99		0		47	161	20
	4,4'-DDE	18.86	0	19.1	ug/kg	101		1		55	136	20
	Endrin	18.86	0	17.5	ug/kg	93		3		57	139	20
	Endosulfan II	18.86	0	17.7	ug/kg	94		4		40	163	20
	4,4'-DDD	18.86	0	21.2	ug/kg	112		6		47	163	20
	Endosulfan sulfate	18.86	0	18.1	ug/kg	96		1		62	139	20
	4,4'-DDT	18.86	0	16.6	ug/kg	88		2		51	146	20
	Methoxychlor	18.86	0	15.8	ug/kg	84		2		54	136	20
	Endrin ketone	18.86	0	18.7	ug/kg	99		0		60	129	20
	Endrin aldehyde	18.86	0	18.3	ug/kg	97		2		59	132	20
	alpha-Chlordane	18.86	0	18.3	ug/kg	97		1		39	166	20
	gamma-Chlordane	18.86	0	18.4	ug/kg	98		1		44	175	20
Lab Sample ID:	**Q3326-01MSD (Column 2)**	**Client Sample ID:**		**TP-1MSD**								
	alpha-BHC	18.86	0	18.4	ug/kg	98		0		60	144	20
	beta-BHC	18.86	0	17.4	ug/kg	92		2		54	143	20
	delta-BHC	18.86	0	18.1	ug/kg	96		1		29	151	20
	gamma-BHC (Lindane)	18.86	0	18.2	ug/kg	97		0		61	140	20
	Heptachlor	18.86	0	17.0	ug/kg	90		2		63	135	20
	Aldrin	18.86	0	18.1	ug/kg	96		1		49	139	20
	Heptachlor epoxide	18.86	0	17.7	ug/kg	94		1		41	156	20
	Endosulfan I	18.86	0	17.6	ug/kg	93		2		56	142	20
	Dieldrin	18.86	0.3052	18.0	ug/kg	95		3		47	161	20
	4,4'-DDE	18.86	0	17.8	ug/kg	94		0		55	136	20
	Endrin	18.86	0	16.2	ug/kg	86		1		57	139	20
	Endosulfan II	18.86	0	18.0	ug/kg	95		1		40	163	20
	4,4'-DDD	18.86	0	17.9	ug/kg	95		0		47	163	20
	Endosulfan sulfate	18.86	0	16.7	ug/kg	89		0		62	139	20

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3323 **Analytical Method:** 8081B

Client: Langan Engineering and Environmental S **DataFile :** PL097620.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
4,4'-DDT	18.86	0	15.0	ug/kg	80		1		51	146	20
Methoxychlor	18.86	0	14.5	ug/kg	77		1		54	136	20
Endrin ketone	18.86	0	16.1	ug/kg	85		1		60	129	20
Endrin aldehyde	18.86	0	15.8	ug/kg	84		1		59	132	20
alpha-Chlordane	18.86	0	17.5	ug/kg	93		1		39	166	20
gamma-Chlordane	18.86	0	17.4	ug/kg	92		0		44	175	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3323 **Analytical Method:** 8081B

Client: Langan Engineering and Environmental S **Datafile :** PD090575.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170065BS (Column 1)	alpha-BHC	16.66	16.1	ug/kg	97				84	123	
	beta-BHC	16.66	15.6	ug/kg	94				82	123	
	delta-BHC	16.66	16.6	ug/kg	100				83	126	
	gamma-BHC (Lindane)	16.66	16.1	ug/kg	97				83	125	
	Heptachlor	16.66	14.6	ug/kg	88				83	122	
	Aldrin	16.66	16.2	ug/kg	97				82	124	
	Heptachlor epoxide	16.66	16.1	ug/kg	97				83	120	
	Endosulfan I	16.66	16.1	ug/kg	97				81	124	
	Dieldrin	16.66	16.3	ug/kg	98				85	121	
	4,4'-DDE	16.66	16.3	ug/kg	98				81	123	
	Endrin	16.66	16.4	ug/kg	98				76	130	
	Endosulfan II	16.66	16.4	ug/kg	98				80	125	
	4,4'-DDD	16.66	16.2	ug/kg	97				80	131	
	Endosulfan sulfate	16.66	16.0	ug/kg	96				81	122	
	4,4'-DDT	16.66	15.4	ug/kg	92				70	129	
	Methoxychlor	16.66	14.5	ug/kg	87				60	119	
	Endrin ketone	16.66	15.8	ug/kg	95				77	132	
	Endrin aldehyde	16.66	17.2	ug/kg	103				79	124	
	alpha-Chlordane	16.66	17.1	ug/kg	103				84	120	
	gamma-Chlordane	16.66	16.1	ug/kg	97				83	122	
PB170065BS (Column 2)	alpha-BHC	16.66	17.1	ug/kg	103				84	123	
	beta-BHC	16.66	17.0	ug/kg	102				82	123	
	delta-BHC	16.66	17.1	ug/kg	103				83	126	
	gamma-BHC (Lindane)	16.66	17.1	ug/kg	103				83	125	
	Heptachlor	16.66	16.4	ug/kg	98				83	122	
	Aldrin	16.66	17.3	ug/kg	104				82	124	
	Heptachlor epoxide	16.66	17.3	ug/kg	104				83	120	
	Endosulfan I	16.66	17.2	ug/kg	103				81	124	
	Dieldrin	16.66	17.2	ug/kg	103				85	121	
	4,4'-DDE	16.66	17.2	ug/kg	103				81	123	
	Endrin	16.66	16.9	ug/kg	101				76	130	
	Endosulfan II	16.66	17.1	ug/kg	103				80	125	
	4,4'-DDD	16.66	17.0	ug/kg	102				80	131	
	Endosulfan sulfate	16.66	17.0	ug/kg	102				81	122	
	4,4'-DDT	16.66	16.2	ug/kg	97				70	129	
	Methoxychlor	16.66	15.4	ug/kg	92				60	119	
	Endrin ketone	16.66	16.7	ug/kg	100				77	132	
	Endrin aldehyde	16.66	18.3	ug/kg	110				79	124	
	alpha-Chlordane	16.66	17.2	ug/kg	103				84	120	
	gamma-Chlordane	16.66	17.3	ug/kg	104				83	122	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170065BL

Lab Name: Alliance | Contract: LANG01

Lab Code: ACE | SDG NO.: Q3323

Lab Sample ID: PB170065BL | Lab File ID: PD090574.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/13/2025

Date Analyzed (1): 10/14/2025 | Date Analyzed (2): 10/14/2025

Time Analyzed (1): 11:38 | Time Analyzed (2): 11:38

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
PB170065BS	PB170065BS	PD090575.D	10/14/2025	10/14/2025
SED-01-0-2	Q3323-01	PD090576.D	10/14/2025	10/14/2025
SED-02-0-2	Q3323-02	PD090577.D	10/14/2025	10/14/2025
SED-03-0-2	Q3323-03	PD090578.D	10/14/2025	10/14/2025
SED-04-0-2	Q3323-04	PD090579.D	10/14/2025	10/14/2025
SED-05-0-2	Q3323-05	PD090580.D	10/14/2025	10/14/2025
SED-06-0-2	Q3323-06	PD090581.D	10/14/2025	10/14/2025
SED-07-0-2	Q3323-07	PD090582.D	10/14/2025	10/14/2025
TP-1MS	Q3326-01MS	PL097619.D	10/13/2025	10/13/2025
TP-1MSD	Q3326-01MSD	PL097620.D	10/13/2025	10/13/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PD090576.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace			Date Received:	10/09/25
Client Sample ID:	SED-01-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-01			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	66.8
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.19	U	1	0.19	2.50	ug/kg	10/14/25 12:11	PB170065
319-85-7	beta-BHC	0.27	U	1	0.27	2.50	ug/kg	10/14/25 12:11	PB170065
319-86-8	delta-BHC	0.58	U	1	0.58	2.50	ug/kg	10/14/25 12:11	PB170065
58-89-9	gamma-BHC (Lindane)	0.21	U	1	0.21	2.50	ug/kg	10/14/25 12:11	PB170065
76-44-8	Heptachlor	0.18	U	1	0.18	2.50	ug/kg	10/14/25 12:11	PB170065
309-00-2	Aldrin	0.21	J	1	0.18	2.50	ug/kg	10/14/25 12:11	PB170065
1024-57-3	Heptachlor epoxide	0.39	J	1	0.28	2.50	ug/kg	10/14/25 12:11	PB170065
959-98-8	Endosulfan I	0.21	U	1	0.21	2.50	ug/kg	10/14/25 12:11	PB170065
60-57-1	Dieldrin	0.21	U	1	0.21	2.50	ug/kg	10/14/25 12:11	PB170065
72-55-9	4,4-DDE	0.21	U	1	0.21	2.50	ug/kg	10/14/25 12:11	PB170065
72-20-8	Endrin	0.21	U	1	0.21	2.50	ug/kg	10/14/25 12:11	PB170065
33213-65-9	Endosulfan II	0.43	U	1	0.43	2.50	ug/kg	10/14/25 12:11	PB170065
72-54-8	4,4-DDD	0.22	U	1	0.22	2.50	ug/kg	10/14/25 12:11	PB170065
1031-07-8	Endosulfan Sulfate	0.19	U	1	0.19	2.50	ug/kg	10/14/25 12:11	PB170065
50-29-3	4,4-DDT	0.21	U	1	0.21	2.50	ug/kg	10/14/25 12:11	PB170065
72-43-5	Methoxychlor	0.55	U	1	0.55	2.50	ug/kg	10/14/25 12:11	PB170065
53494-70-5	Endrin ketone	0.28	U	1	0.28	2.50	ug/kg	10/14/25 12:11	PB170065
7421-93-4	Endrin aldehyde	0.55	U	1	0.55	2.50	ug/kg	10/14/25 12:11	PB170065
5103-71-9	alpha-Chlordane	0.61	JP	1	0.18	2.50	ug/kg	10/14/25 12:11	PB170065
5103-74-2	gamma-Chlordane	0.32	J	1	0.22	2.50	ug/kg	10/14/25 12:11	PB170065
8001-35-2	Toxaphene	8.10	U	1	8.10	49.3	ug/kg	10/14/25 12:11	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	12.7			20 - 144	64%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	15.7			19 - 148	79%	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

Sample Results: **PD090576.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:11
Operator : AR\AJ
Sample : Q3323-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-01-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.549	2.873	48976567	431.9E6	15.068m	15.733m
28)	SA Decachlor...	9.073	8.063	61378550	292.3E6	12.721	9.019 #
	Target Compounds						
5)	MB Aldrin	5.255	4.364	2677232	16813409	0.422m	0.421m
8)	B Heptachlo...	5.682	4.860	1820081	29115264	0.318m	0.790m#
10)	B gamma-Chl...	5.946	5.116	3669098	22269854	0.642	0.567m
11)	B alpha-Chl...	6.030	5.182	7058297	15539835	1.225	0.413m#

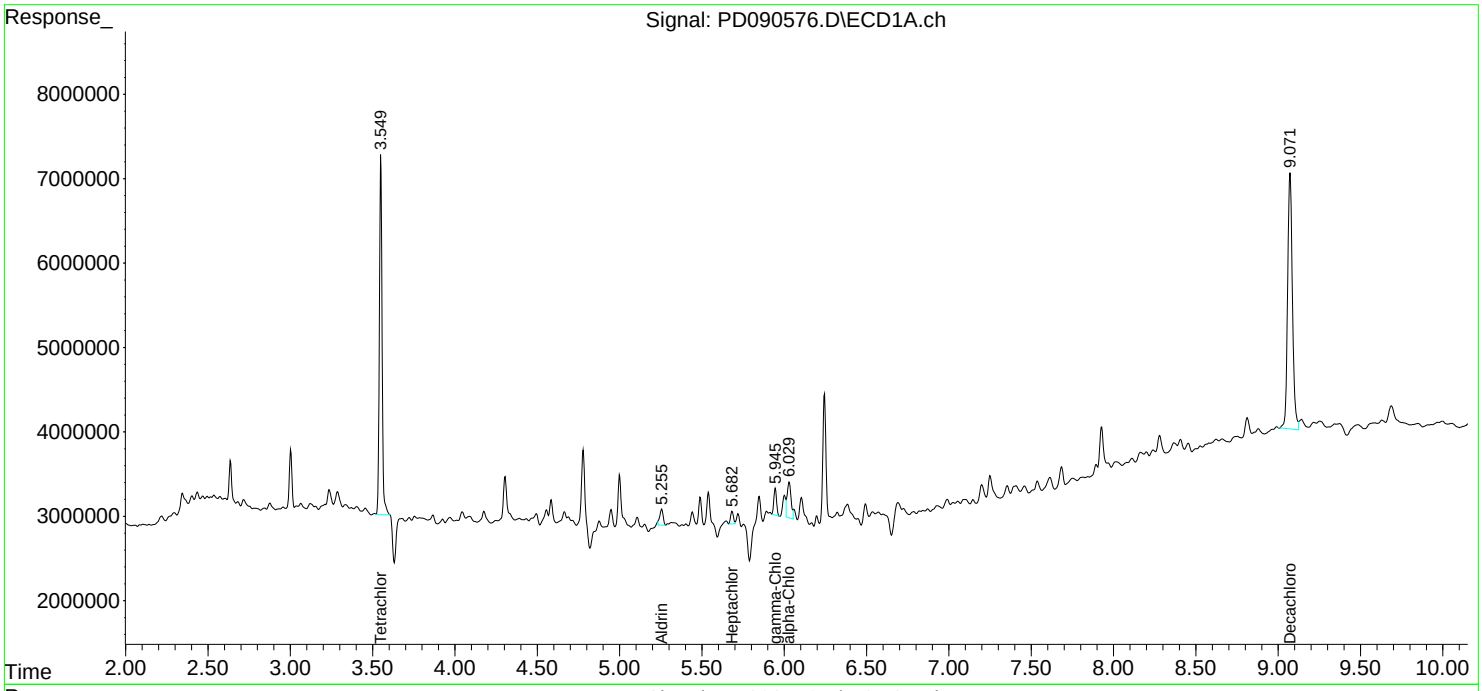
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

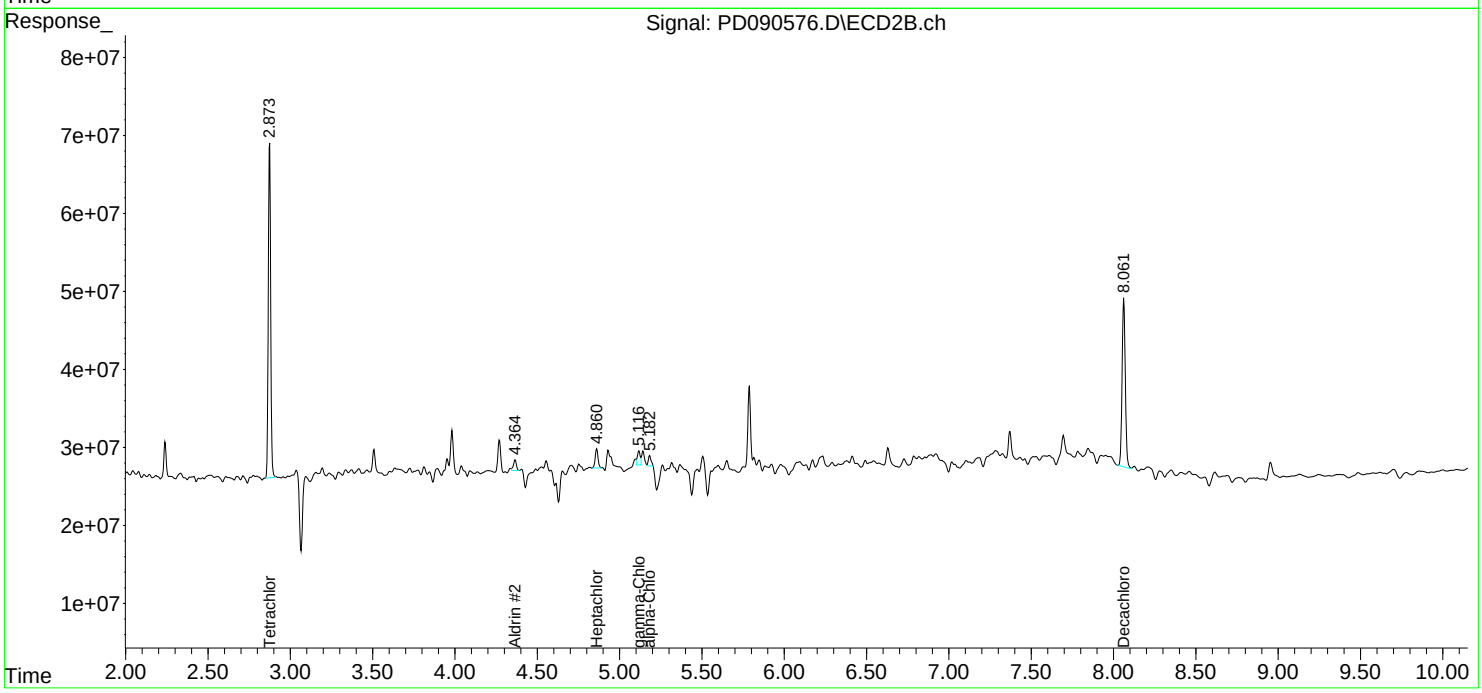
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:11
Operator : AR\AJ
Sample : Q3323-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

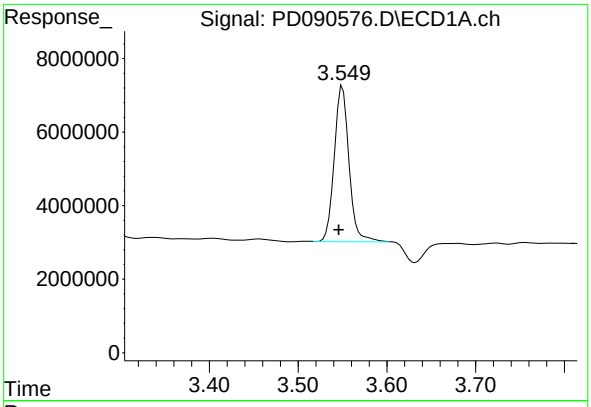
Instrument :
ECD_D
ClientSampleId :
SED-01-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



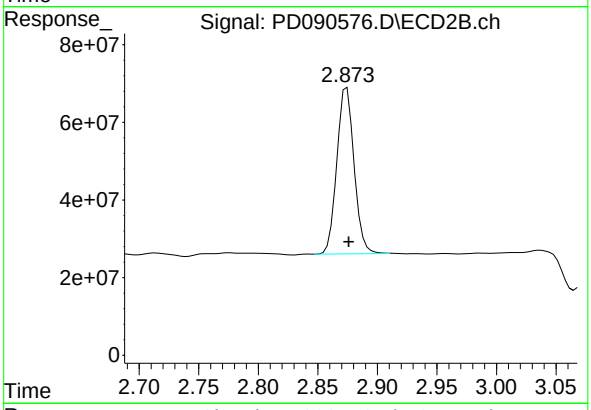




#1 Tetrachloro-m-xylene

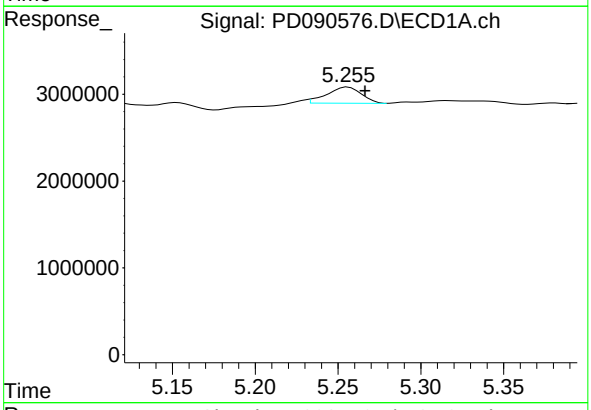
R.T.: 3.549 min
Delta R.T.: 0.003 min
Response: 48976567
Conc: 15.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-01-0-2



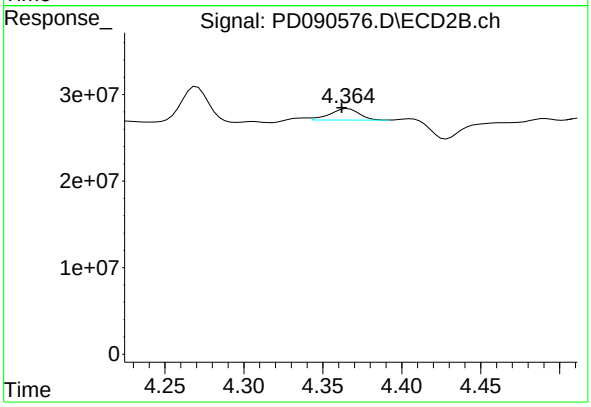
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.003 min
Response: 431862895
Conc: 15.73 ng/ml m



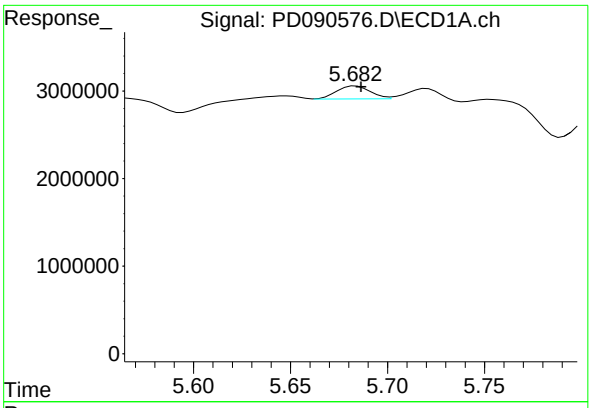
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.012 min
Response: 2677232
Conc: 0.42 ng/ml m



#5 Aldrin

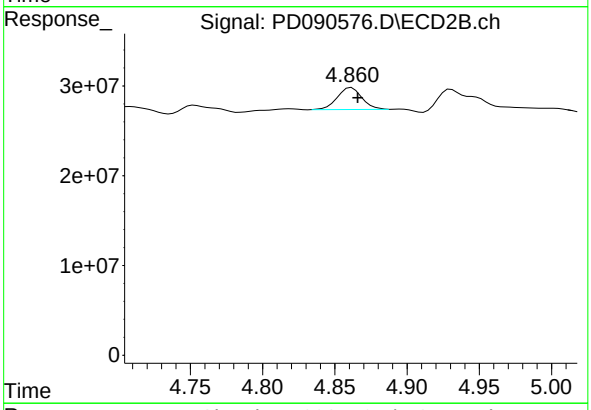
R.T.: 4.364 min
Delta R.T.: 0.002 min
Response: 16813409
Conc: 0.42 ng/ml m



#8 Heptachlor epoxide

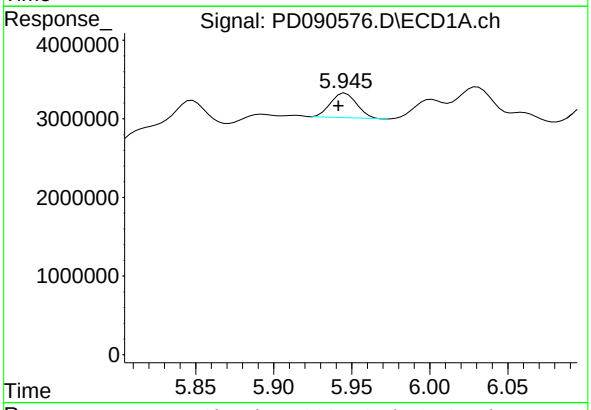
R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 1820081
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-01-0-2



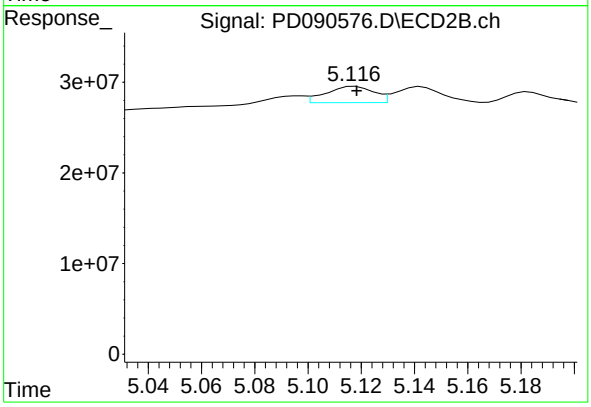
#8 Heptachlor epoxide

R.T.: 4.860 min
Delta R.T.: -0.006 min
Response: 29115264
Conc: 0.79 ng/ml m



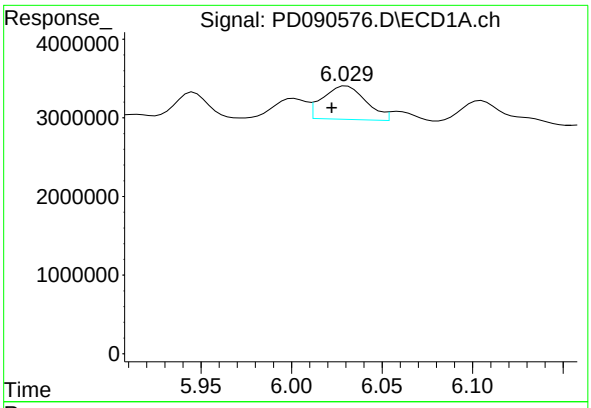
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.004 min
Response: 3669098
Conc: 0.64 ng/ml



#10 gamma-Chlordane

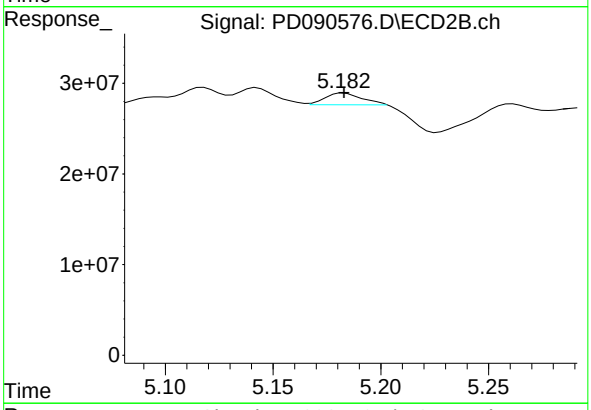
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 22269854
Conc: 0.57 ng/ml m



#11 alpha-Chlordane

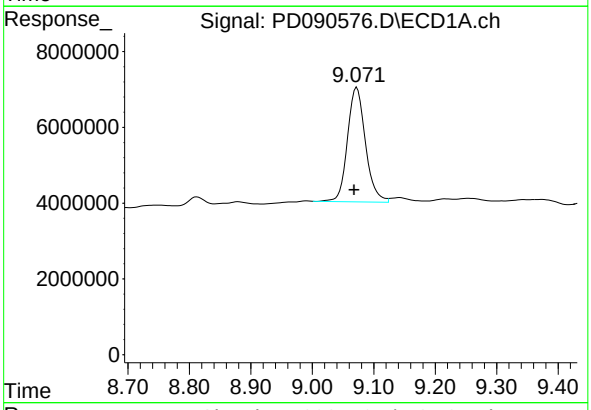
R.T.: 6.030 min
Delta R.T.: 0.008 min
Response: 7058297
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-01-0-2



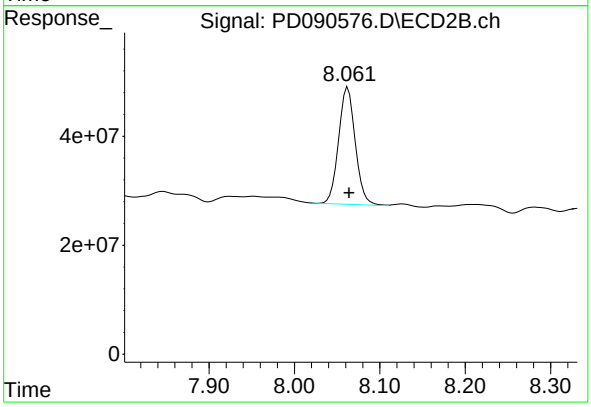
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 15539835
Conc: 0.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.005 min
Response: 61378550
Conc: 12.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 292338029
Conc: 9.02 ng/ml

Raw Data: **PD090577.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace			Date Received:	10/09/25
Client Sample ID:	SED-02-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-02			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	57.3
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.23	U	1	0.23	3.00	ug/kg	10/14/25 12:24	PB170065
319-85-7	beta-BHC	0.31	U	1	0.31	3.00	ug/kg	10/14/25 12:24	PB170065
319-86-8	delta-BHC	0.68	U	1	0.68	3.00	ug/kg	10/14/25 12:24	PB170065
58-89-9	gamma-BHC (Lindane)	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
76-44-8	Heptachlor	0.21	U	1	0.21	3.00	ug/kg	10/14/25 12:24	PB170065
309-00-2	Aldrin	0.21	U	1	0.21	3.00	ug/kg	10/14/25 12:24	PB170065
1024-57-3	Heptachlor epoxide	0.33	U	1	0.33	3.00	ug/kg	10/14/25 12:24	PB170065
959-98-8	Endosulfan I	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
60-57-1	Dieldrin	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
72-55-9	4,4-DDE	0.45	J	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
72-20-8	Endrin	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
33213-65-9	Endosulfan II	0.51	U	1	0.51	3.00	ug/kg	10/14/25 12:24	PB170065
72-54-8	4,4-DDD	0.26	U	1	0.26	3.00	ug/kg	10/14/25 12:24	PB170065
1031-07-8	Endosulfan Sulfate	0.23	U	1	0.23	3.00	ug/kg	10/14/25 12:24	PB170065
50-29-3	4,4-DDT	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
72-43-5	Methoxychlor	0.65	U	1	0.65	3.00	ug/kg	10/14/25 12:24	PB170065
53494-70-5	Endrin ketone	0.33	U	1	0.33	3.00	ug/kg	10/14/25 12:24	PB170065
7421-93-4	Endrin aldehyde	0.65	U	1	0.65	3.00	ug/kg	10/14/25 12:24	PB170065
5103-71-9	alpha-Chlordane	0.37	J	1	0.21	3.00	ug/kg	10/14/25 12:24	PB170065
5103-74-2	gamma-Chlordane	0.26	U	1	0.26	3.00	ug/kg	10/14/25 12:24	PB170065
8001-35-2	Toxaphene	9.40	U	1	9.40	57.5	ug/kg	10/14/25 12:24	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			20 - 144	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.5			19 - 148	88%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:24
Operator : AR\AJ
Sample : Q3323-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-02-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	2.873	56286608	480.3E6	17.317m	17.496m
28)	SA Decachlor...	9.066	8.061	79067407	405.3E6	16.387	12.503
	Target Compounds						
10)	B gamma-Chl...	5.940	5.116	2398445	14678011	0.420	0.374m
11)	B alpha-Chl...	6.021	5.181	3672779	20696978	0.638m	0.549m
12)	B 4,4'-DDE	6.191	5.365	4005868	26592006	0.769	0.695m

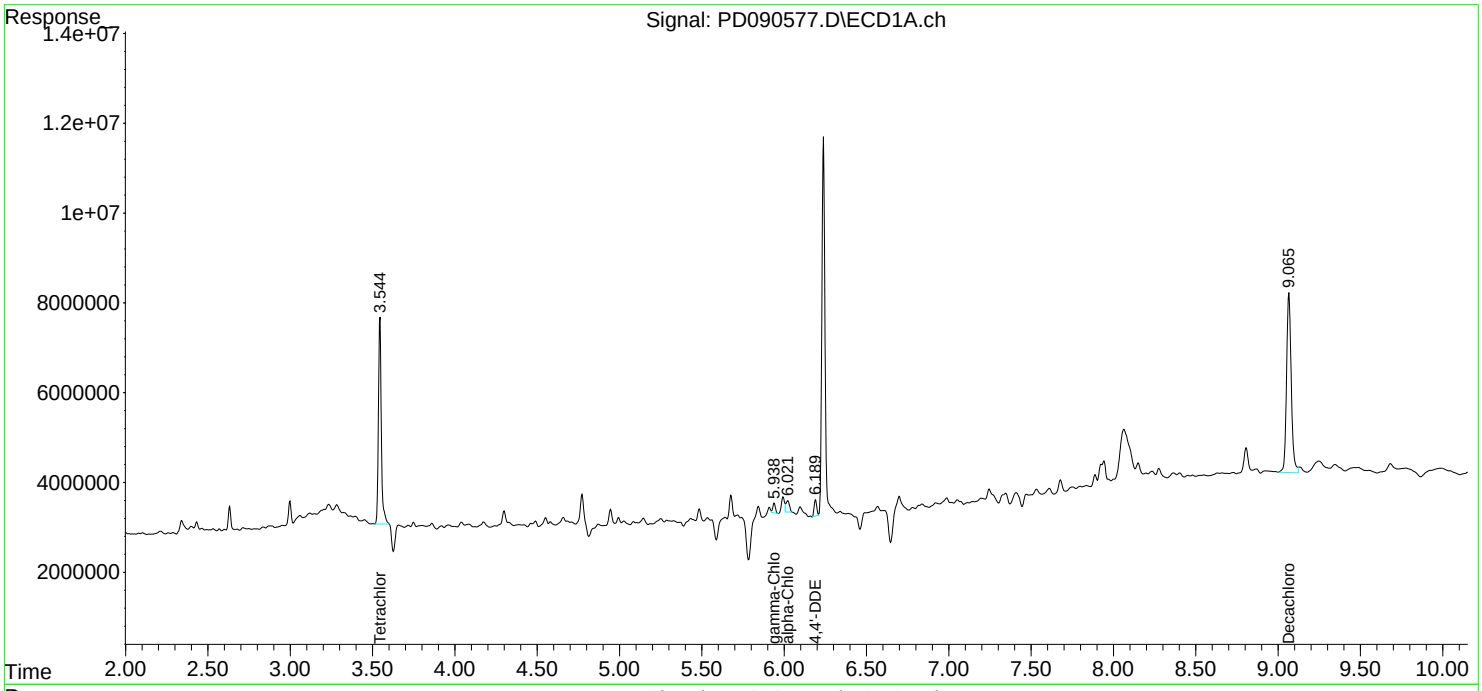
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

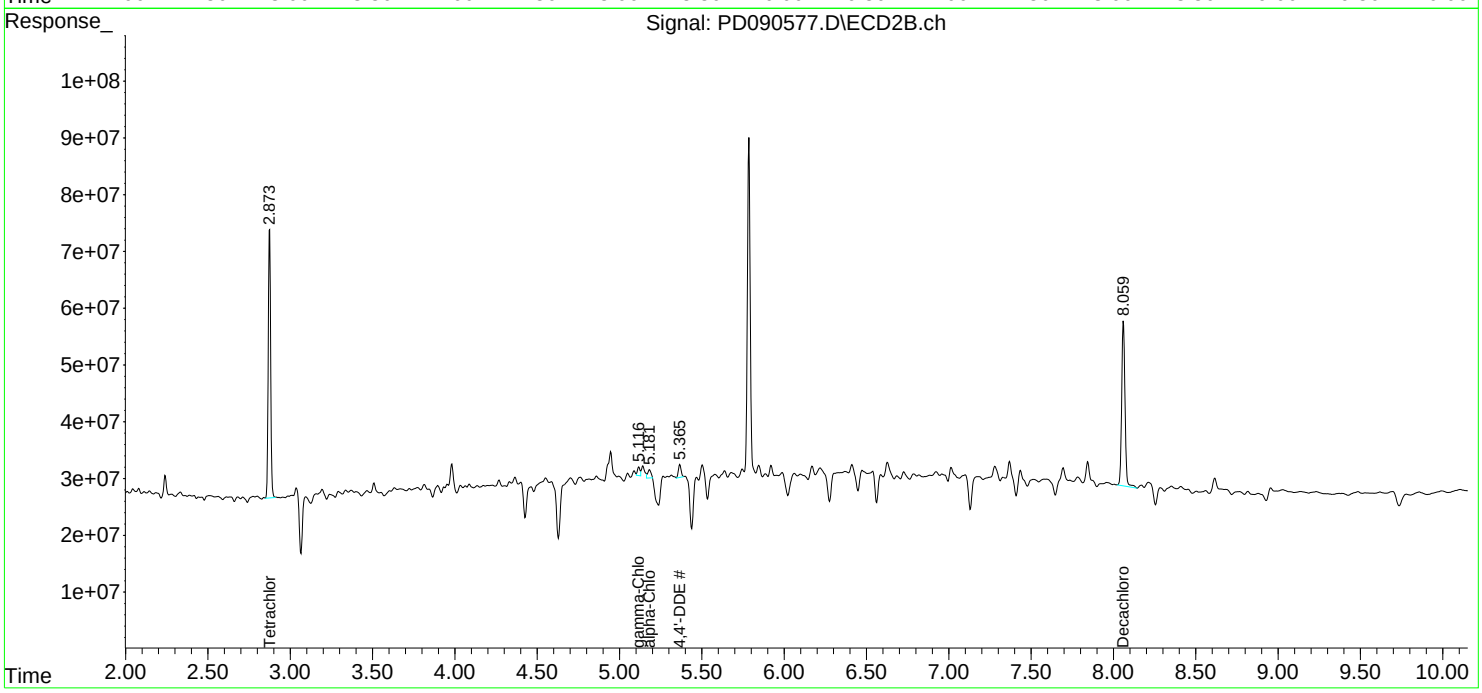
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:24
Operator : AR\AJ
Sample : Q3323-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

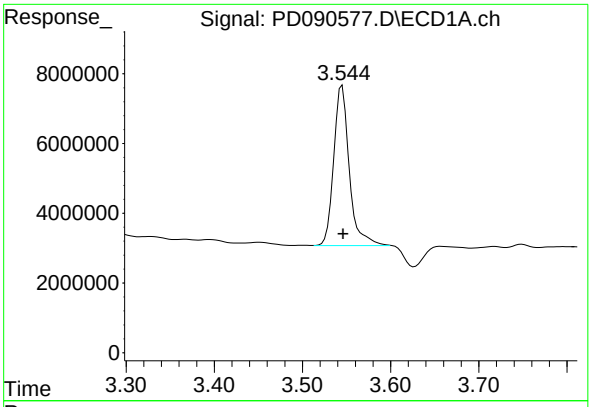
Instrument :
ECD_D
ClientSampleId :
SED-02-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



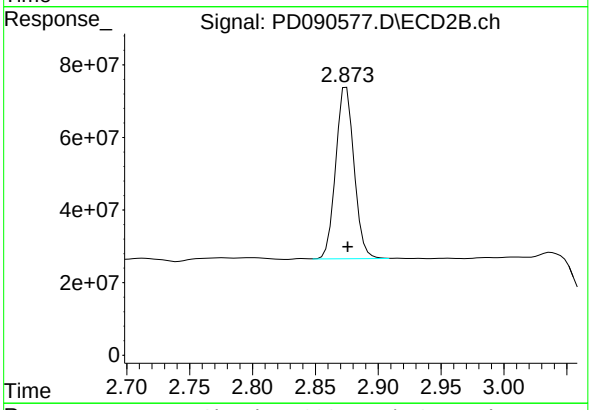




#1 Tetrachloro-m-xylene

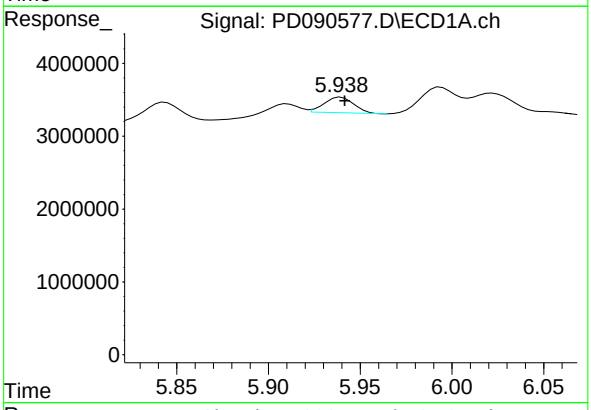
R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 56286608
Conc: 17.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-02-0-2



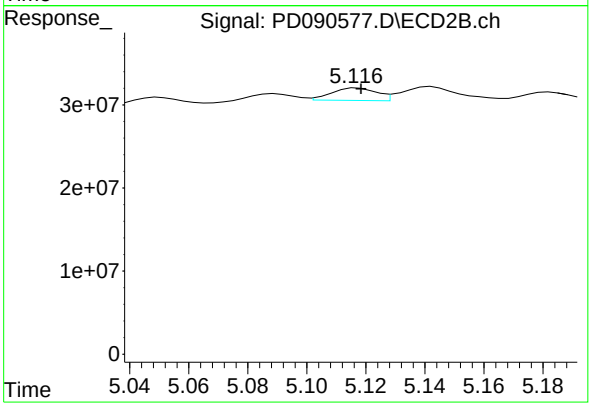
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.003 min
Response: 480251769
Conc: 17.50 ng/ml m



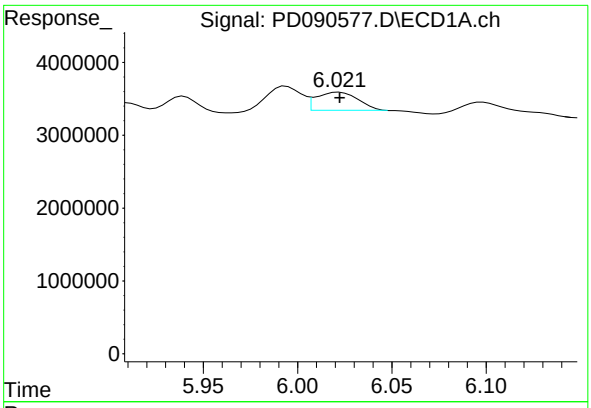
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 2398445
Conc: 0.42 ng/ml



#10 gamma-Chlordane

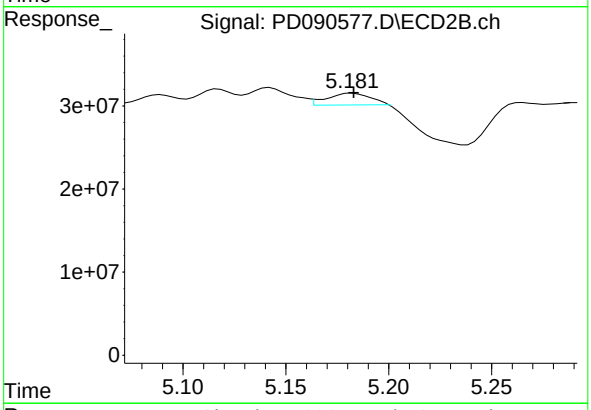
R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 14678011
Conc: 0.37 ng/ml m



#11 alpha-Chlordane

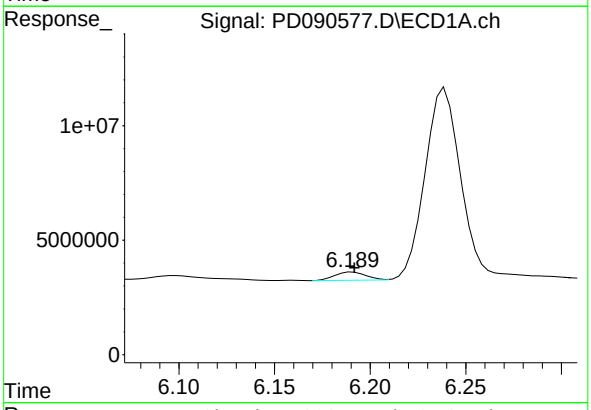
R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 3672779
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-02-0-2



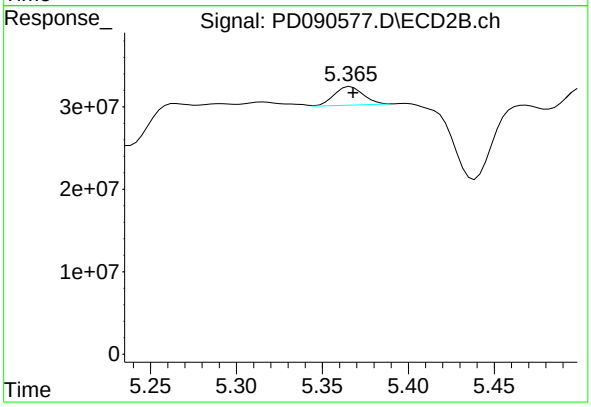
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 20696978
Conc: 0.55 ng/ml m



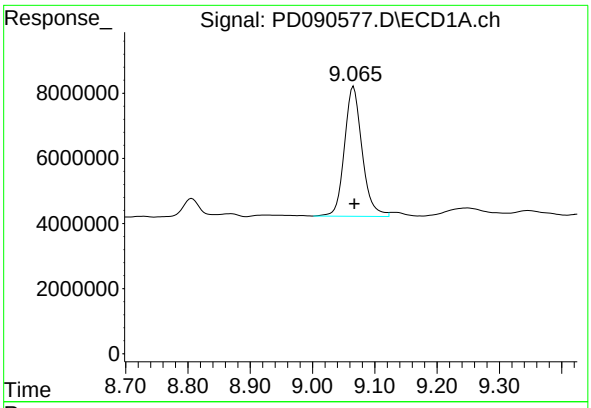
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.001 min
Response: 4005868
Conc: 0.77 ng/ml



#12 4,4'-DDE

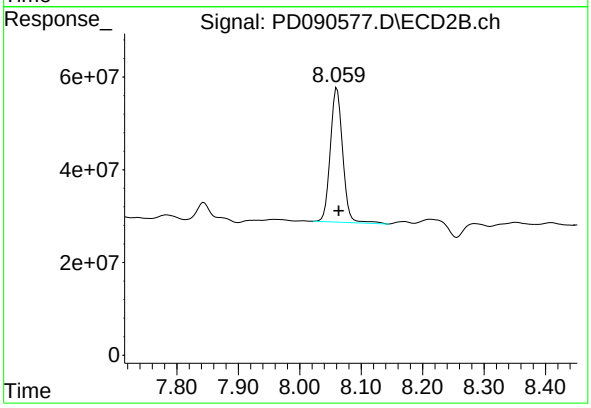
R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 26592006
Conc: 0.69 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 79067407
Conc: 16.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-02-0-2



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 405297053
Conc: 12.50 ng/ml

Raw Data: **PD090578.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace			Date Received:	10/09/25
Client Sample ID:	SED-03-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-03			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	71.6
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.18	U	1	0.18	2.40	ug/kg	10/14/25 12:38	PB170065
319-85-7	beta-BHC	0.25	U	1	0.25	2.40	ug/kg	10/14/25 12:38	PB170065
319-86-8	delta-BHC	0.54	U	1	0.54	2.40	ug/kg	10/14/25 12:38	PB170065
58-89-9	gamma-BHC (Lindane)	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:38	PB170065
76-44-8	Heptachlor	0.17	U	1	0.17	2.40	ug/kg	10/14/25 12:38	PB170065
309-00-2	Aldrin	0.17	U	1	0.17	2.40	ug/kg	10/14/25 12:38	PB170065
1024-57-3	Heptachlor epoxide	0.26	U	1	0.26	2.40	ug/kg	10/14/25 12:38	PB170065
959-98-8	Endosulfan I	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:38	PB170065
60-57-1	Dieldrin	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:38	PB170065
72-55-9	4,4-DDE	0.34	J	1	0.20	2.40	ug/kg	10/14/25 12:38	PB170065
72-20-8	Endrin	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:38	PB170065
33213-65-9	Endosulfan II	0.40	U	1	0.40	2.40	ug/kg	10/14/25 12:38	PB170065
72-54-8	4,4-DDD	0.71	JP	1	0.21	2.40	ug/kg	10/14/25 12:38	PB170065
1031-07-8	Endosulfan Sulfate	0.18	U	1	0.18	2.40	ug/kg	10/14/25 12:38	PB170065
50-29-3	4,4-DDT	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:38	PB170065
72-43-5	Methoxychlor	0.52	U	1	0.52	2.40	ug/kg	10/14/25 12:38	PB170065
53494-70-5	Endrin ketone	0.26	U	1	0.26	2.40	ug/kg	10/14/25 12:38	PB170065
7421-93-4	Endrin aldehyde	0.52	U	1	0.52	2.40	ug/kg	10/14/25 12:38	PB170065
5103-71-9	alpha-Chlordane	0.17	U	1	0.17	2.40	ug/kg	10/14/25 12:38	PB170065
5103-74-2	gamma-Chlordane	0.21	U	1	0.21	2.40	ug/kg	10/14/25 12:38	PB170065
8001-35-2	Toxaphene	7.50	U	1	7.50	46.0	ug/kg	10/14/25 12:38	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	12.8			20 - 144	64%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.3			19 - 148	81%	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\PD101425\
Data File : PD090578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:38
Operator : AR\AJ
Sample : Q3323-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-03-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.543	2.873	52938775	445.4E6	16.287m	16.228m
28)	SA Decachlor...	9.065	8.060	61773850	308.3E6	12.803	9.511 #
	Target Compounds						
12)	B 4,4'-DDE	6.190	5.365	3794980	24166729	0.729	0.631m
16)	A 4,4'-DDD	6.696	5.919	6209508	22952473	1.515m	0.708m#

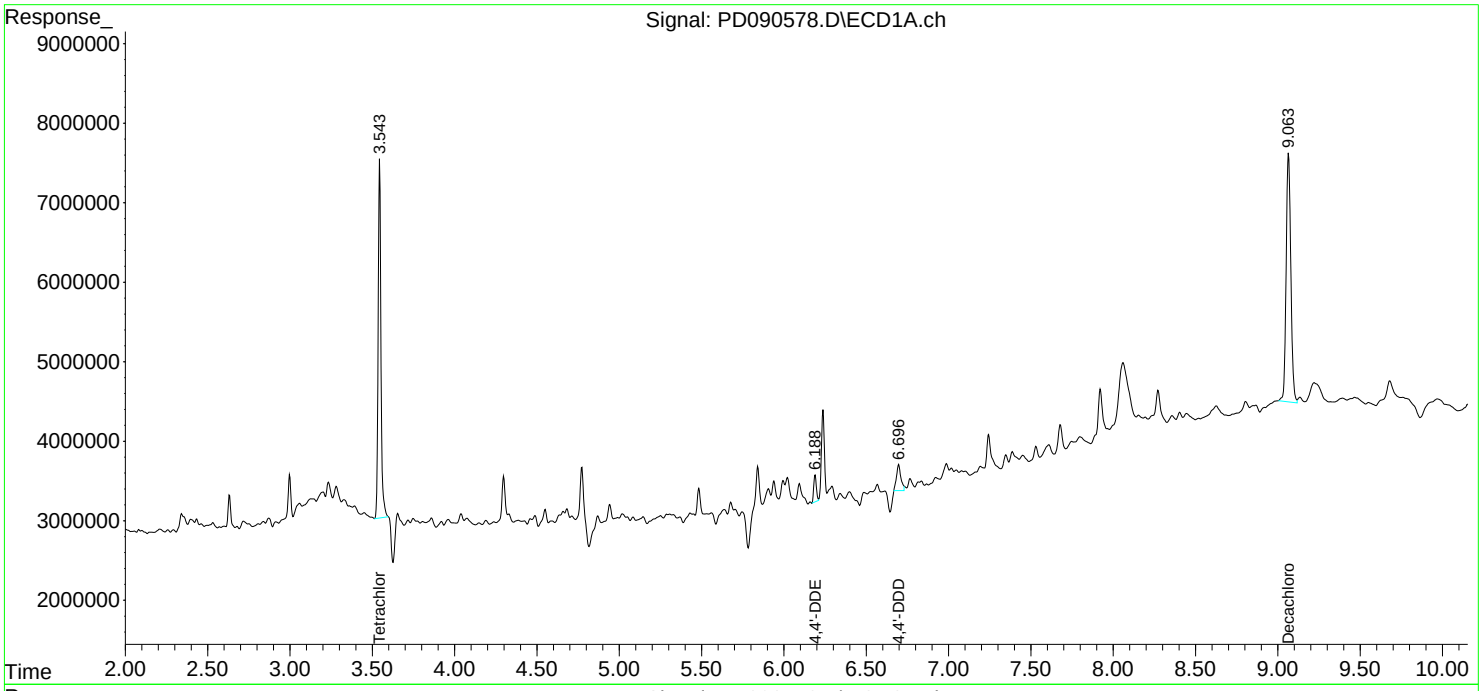
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

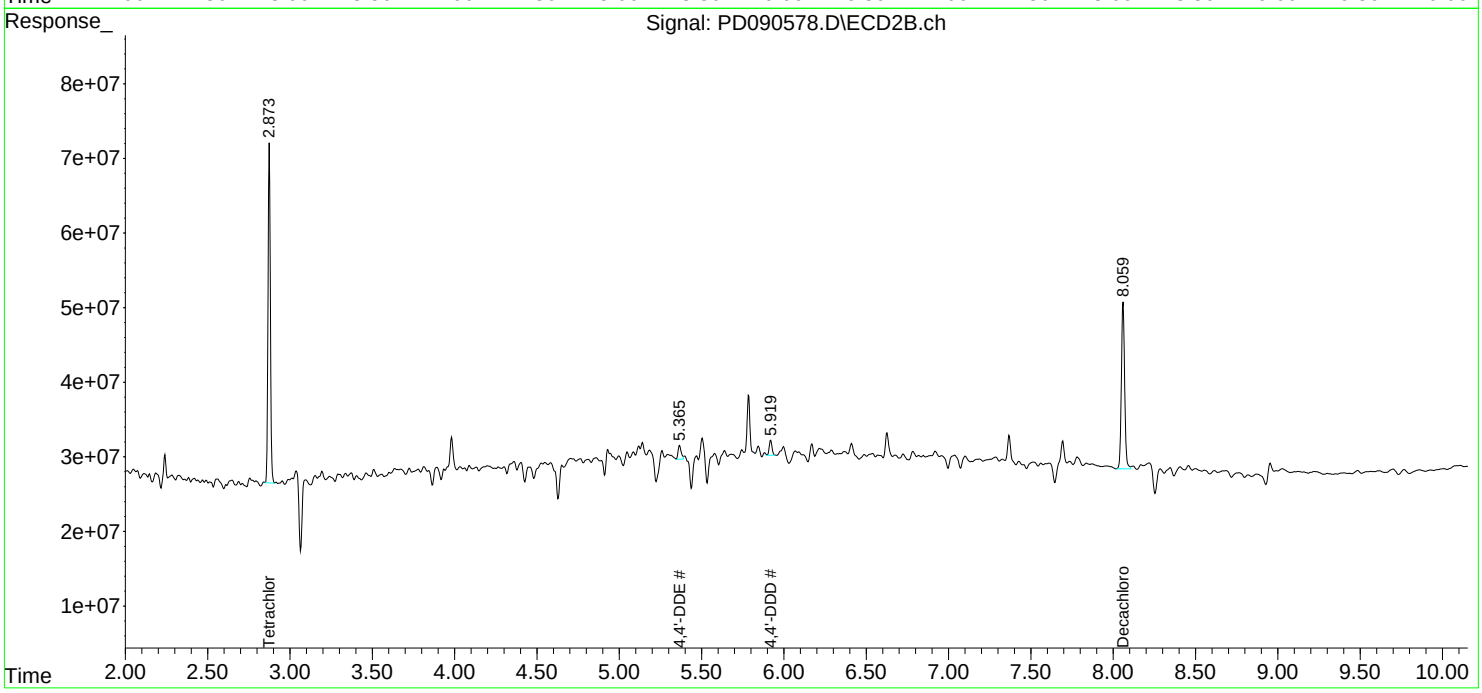
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:38
Operator : AR\AJ
Sample : Q3323-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

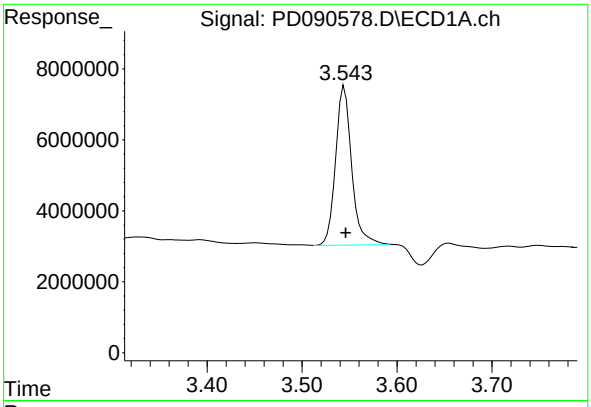
Instrument :
ECD_D
ClientSampleId :
SED-03-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



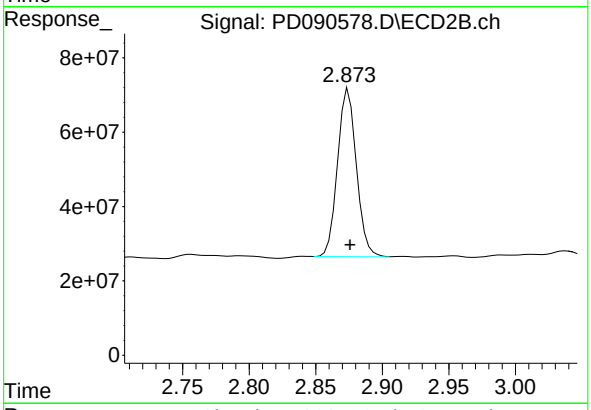




#1 Tetrachloro-m-xylene

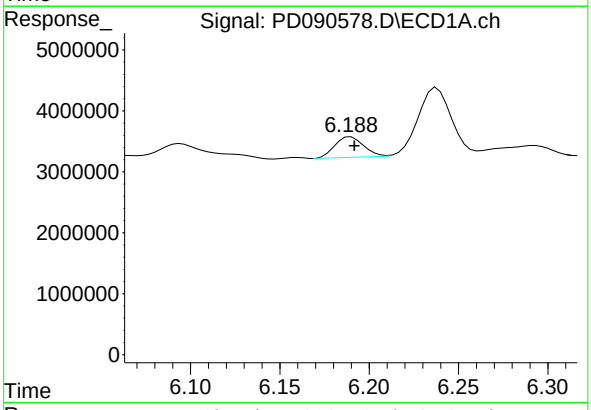
R.T.: 3.543 min
Delta R.T.: -0.003 min
Response: 52938775
Conc: 16.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-03-0-2



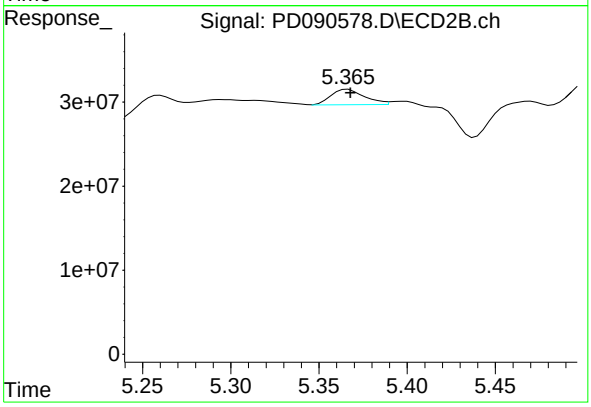
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.003 min
Response: 445448568
Conc: 16.23 ng/ml m



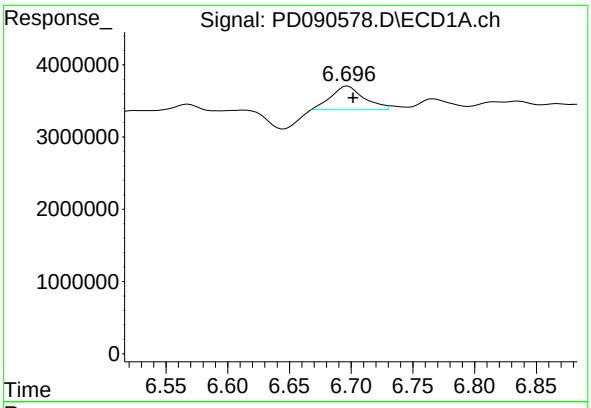
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 3794980
Conc: 0.73 ng/ml



#12 4,4'-DDE

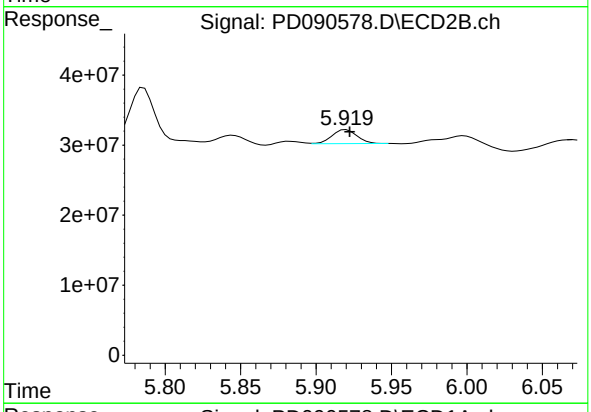
R.T.: 5.365 min
Delta R.T.: -0.003 min
Response: 24166729
Conc: 0.63 ng/ml m



#16 4,4'-DDD

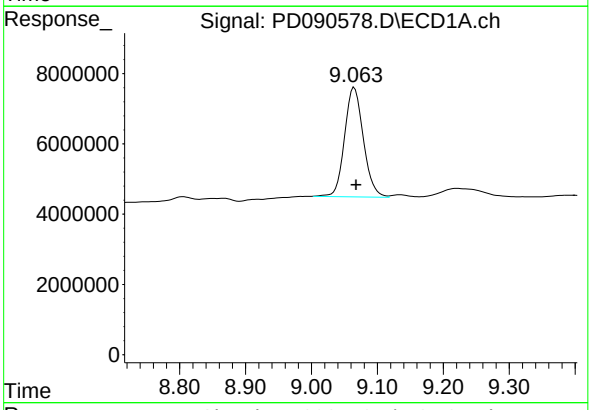
R.T.: 6.696 min
Delta R.T.: -0.005 min
Response: 6209508
Conc: 1.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-03-0-2



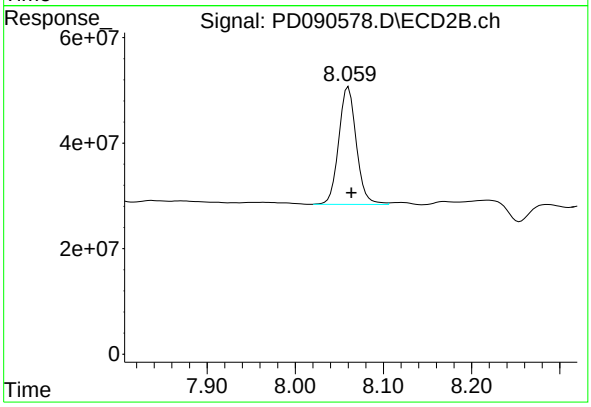
#16 4,4'-DDD

R.T.: 5.919 min
Delta R.T.: -0.004 min
Response: 22952473
Conc: 0.71 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 61773850
Conc: 12.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.003 min
Response: 308295634
Conc: 9.51 ng/ml

Raw Data: **PD090579.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace			Date Received:	10/09/25
Client Sample ID:	SED-04-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-04			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	70.2
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.18	U	1	0.18	2.40	ug/kg	10/14/25 12:51	PB170065
319-85-7	beta-BHC	0.26	U	1	0.26	2.40	ug/kg	10/14/25 12:51	PB170065
319-86-8	delta-BHC	0.55	U	1	0.55	2.40	ug/kg	10/14/25 12:51	PB170065
58-89-9	gamma-BHC (Lindane)	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:51	PB170065
76-44-8	Heptachlor	0.17	U	1	0.17	2.40	ug/kg	10/14/25 12:51	PB170065
309-00-2	Aldrin	0.17	U	1	0.17	2.40	ug/kg	10/14/25 12:51	PB170065
1024-57-3	Heptachlor epoxide	0.27	U	1	0.27	2.40	ug/kg	10/14/25 12:51	PB170065
959-98-8	Endosulfan I	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:51	PB170065
60-57-1	Dieldrin	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:51	PB170065
72-55-9	4,4-DDE	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:51	PB170065
72-20-8	Endrin	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:51	PB170065
33213-65-9	Endosulfan II	0.41	U	1	0.41	2.40	ug/kg	10/14/25 12:51	PB170065
72-54-8	4,4-DDD	0.21	U	1	0.21	2.40	ug/kg	10/14/25 12:51	PB170065
1031-07-8	Endosulfan Sulfate	0.18	U	1	0.18	2.40	ug/kg	10/14/25 12:51	PB170065
50-29-3	4,4-DDT	0.20	U	1	0.20	2.40	ug/kg	10/14/25 12:51	PB170065
72-43-5	Methoxychlor	0.53	U	1	0.53	2.40	ug/kg	10/14/25 12:51	PB170065
53494-70-5	Endrin ketone	0.27	U	1	0.27	2.40	ug/kg	10/14/25 12:51	PB170065
7421-93-4	Endrin aldehyde	0.53	U	1	0.53	2.40	ug/kg	10/14/25 12:51	PB170065
5103-71-9	alpha-Chlordane	0.17	U	1	0.17	2.40	ug/kg	10/14/25 12:51	PB170065
5103-74-2	gamma-Chlordane	0.21	U	1	0.21	2.40	ug/kg	10/14/25 12:51	PB170065
8001-35-2	Toxaphene	7.70	U	1	7.70	46.9	ug/kg	10/14/25 12:51	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	13.8			20 - 144	69%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.6			19 - 148	83%	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\PD101425\
Data File : PD090579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:51
Operator : AR\AJ
Sample : Q3323-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-04-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	2.873	52250342	454.6E6	16.075m	16.561m
28)	SA Decachlor...	9.065	8.061	66513588	274.6E6	13.785	8.471 #
	Target Compounds						

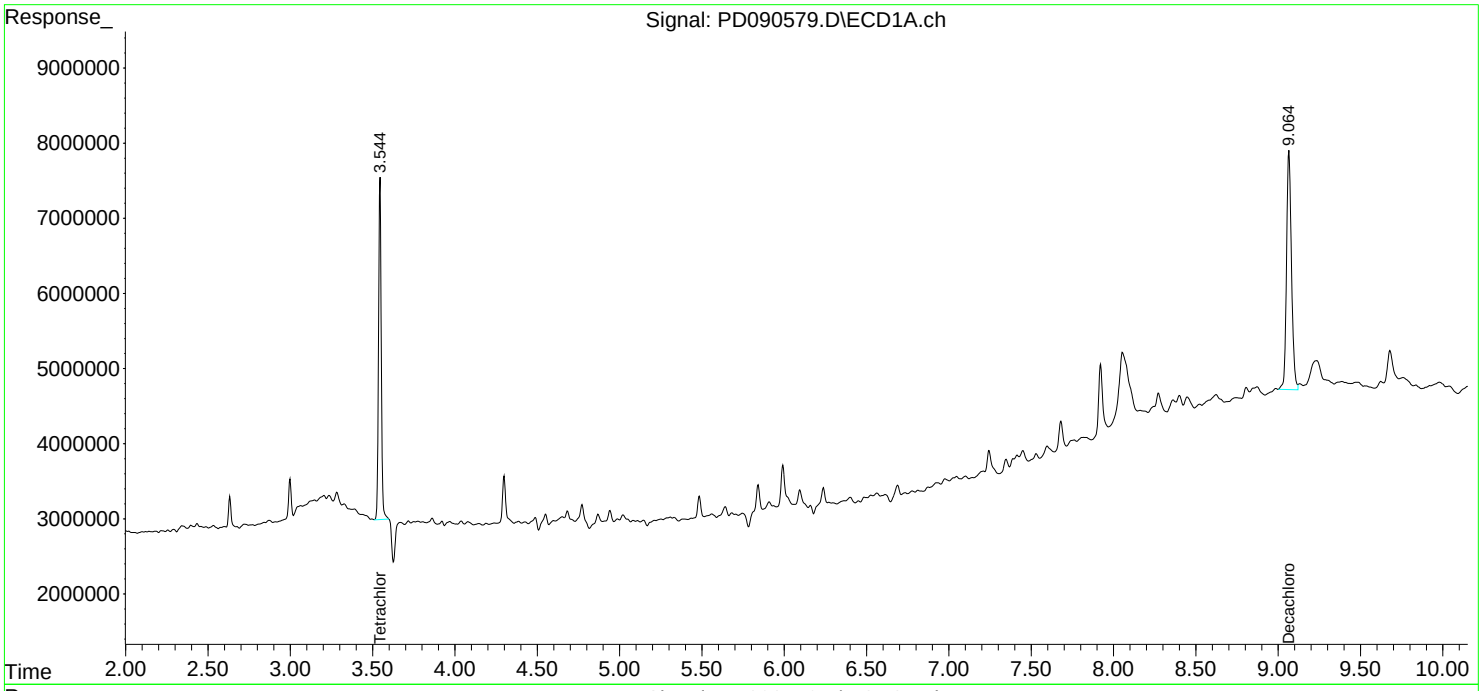
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

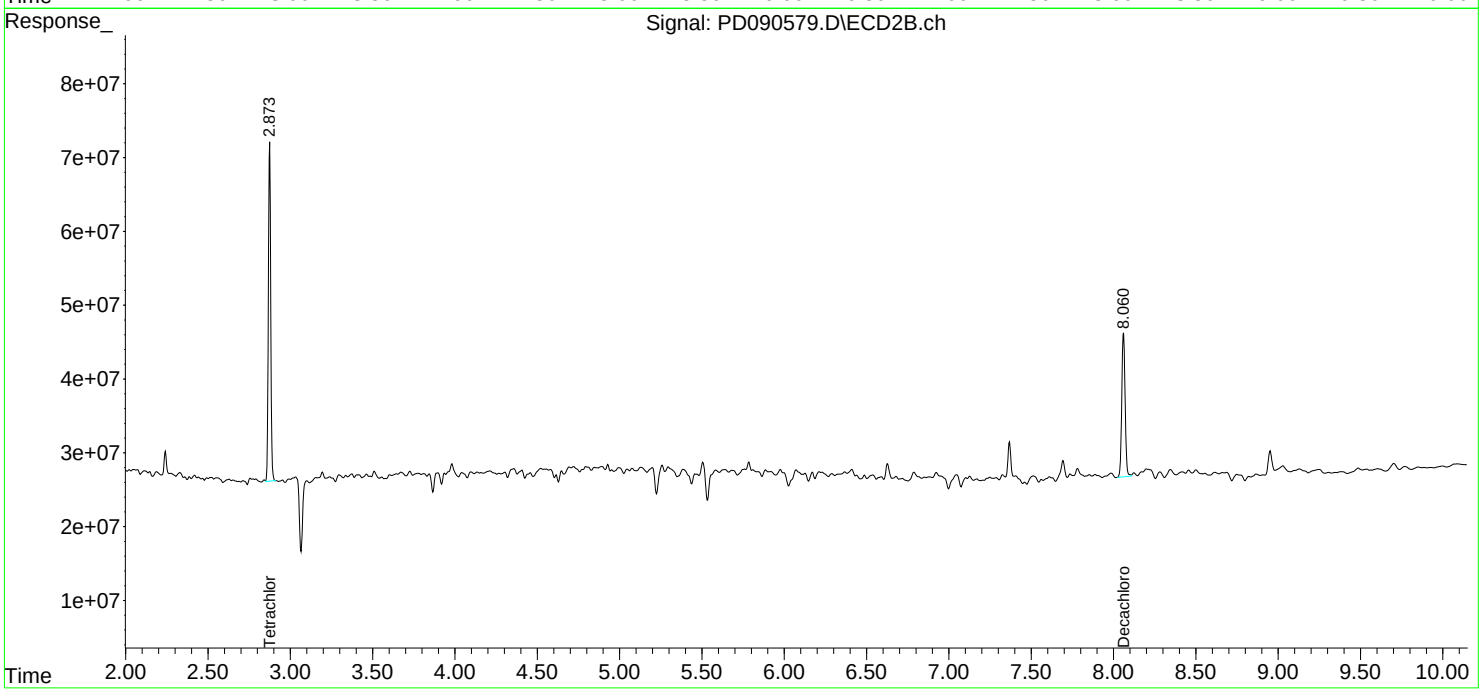
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 12:51
Operator : AR\AJ
Sample : Q3323-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

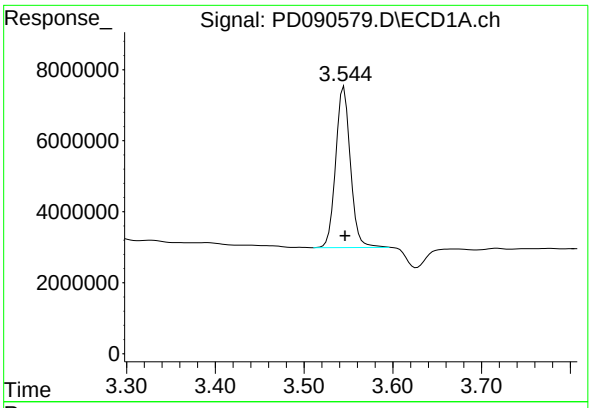
Instrument :
ECD_D
ClientSampleId :
SED-04-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:37:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



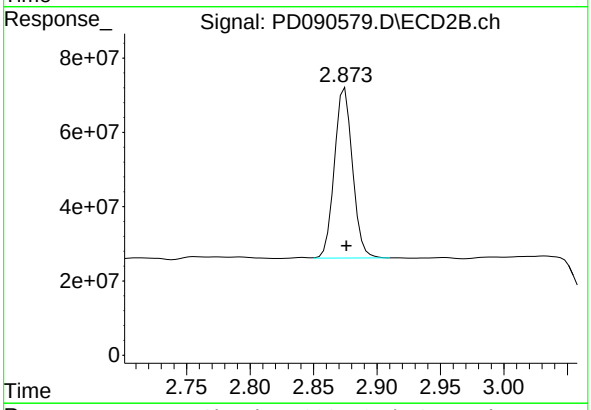




#1 Tetrachloro-m-xylene

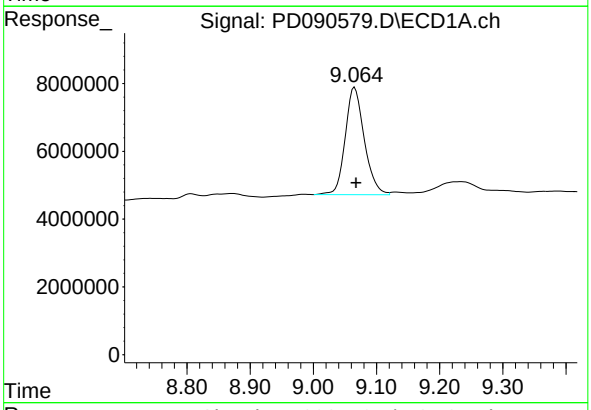
R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 52250342
Conc: 16.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-04-0-2



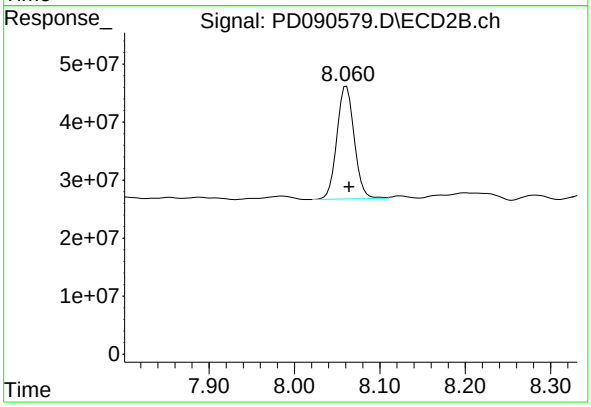
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 454598165
Conc: 16.56 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.002 min
Response: 66513588
Conc: 13.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 274594235
Conc: 8.47 ng/ml

Raw Data: **PD090580.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace			Date Received:	10/09/25
Client Sample ID:	SED-05-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-05			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	77.4
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

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	2.20	ug/kg	10/14/25 13:04	PB170065
319-85-7	beta-BHC	0.23	U	1	0.23	2.20	ug/kg	10/14/25 13:04	PB170065
319-86-8	delta-BHC	0.50	U	1	0.50	2.20	ug/kg	10/14/25 13:04	PB170065
58-89-9	gamma-BHC (Lindane)	0.18	U	1	0.18	2.20	ug/kg	10/14/25 13:04	PB170065
76-44-8	Heptachlor	0.15	U	1	0.15	2.20	ug/kg	10/14/25 13:04	PB170065
309-00-2	Aldrin	0.15	U	1	0.15	2.20	ug/kg	10/14/25 13:04	PB170065
1024-57-3	Heptachlor epoxide	0.25	U	1	0.25	2.20	ug/kg	10/14/25 13:04	PB170065
959-98-8	Endosulfan I	0.18	U	1	0.18	2.20	ug/kg	10/14/25 13:04	PB170065
60-57-1	Dieldrin	0.18	U	1	0.18	2.20	ug/kg	10/14/25 13:04	PB170065
72-55-9	4,4-DDE	0.18	U	1	0.18	2.20	ug/kg	10/14/25 13:04	PB170065
72-20-8	Endrin	0.18	U	1	0.18	2.20	ug/kg	10/14/25 13:04	PB170065
33213-65-9	Endosulfan II	0.37	U	1	0.37	2.20	ug/kg	10/14/25 13:04	PB170065
72-54-8	4,4-DDD	0.19	U	1	0.19	2.20	ug/kg	10/14/25 13:04	PB170065
1031-07-8	Endosulfan Sulfate	0.17	U	1	0.17	2.20	ug/kg	10/14/25 13:04	PB170065
50-29-3	4,4-DDT	0.18	U	1	0.18	2.20	ug/kg	10/14/25 13:04	PB170065
72-43-5	Methoxychlor	0.48	U	1	0.48	2.20	ug/kg	10/14/25 13:04	PB170065
53494-70-5	Endrin ketone	0.25	U	1	0.25	2.20	ug/kg	10/14/25 13:04	PB170065
7421-93-4	Endrin aldehyde	0.48	U	1	0.48	2.20	ug/kg	10/14/25 13:04	PB170065
5103-71-9	alpha-Chlordane	0.15	U	1	0.15	2.20	ug/kg	10/14/25 13:04	PB170065
5103-74-2	gamma-Chlordane	0.19	U	1	0.19	2.20	ug/kg	10/14/25 13:04	PB170065
8001-35-2	Toxaphene	7.00	U	1	7.00	42.6	ug/kg	10/14/25 13:04	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	9.71			20 - 144	49%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	11.6			19 - 148	58%	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\PD101425\
Data File : PD090580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:04
Operator : AR\AJ
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-05-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:38:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	32642765	317.5E6	10.043m	11.567m
28)	SA Decachlor...	9.066	8.062	46828239	244.9E6	9.705	7.555
	Target Compounds						

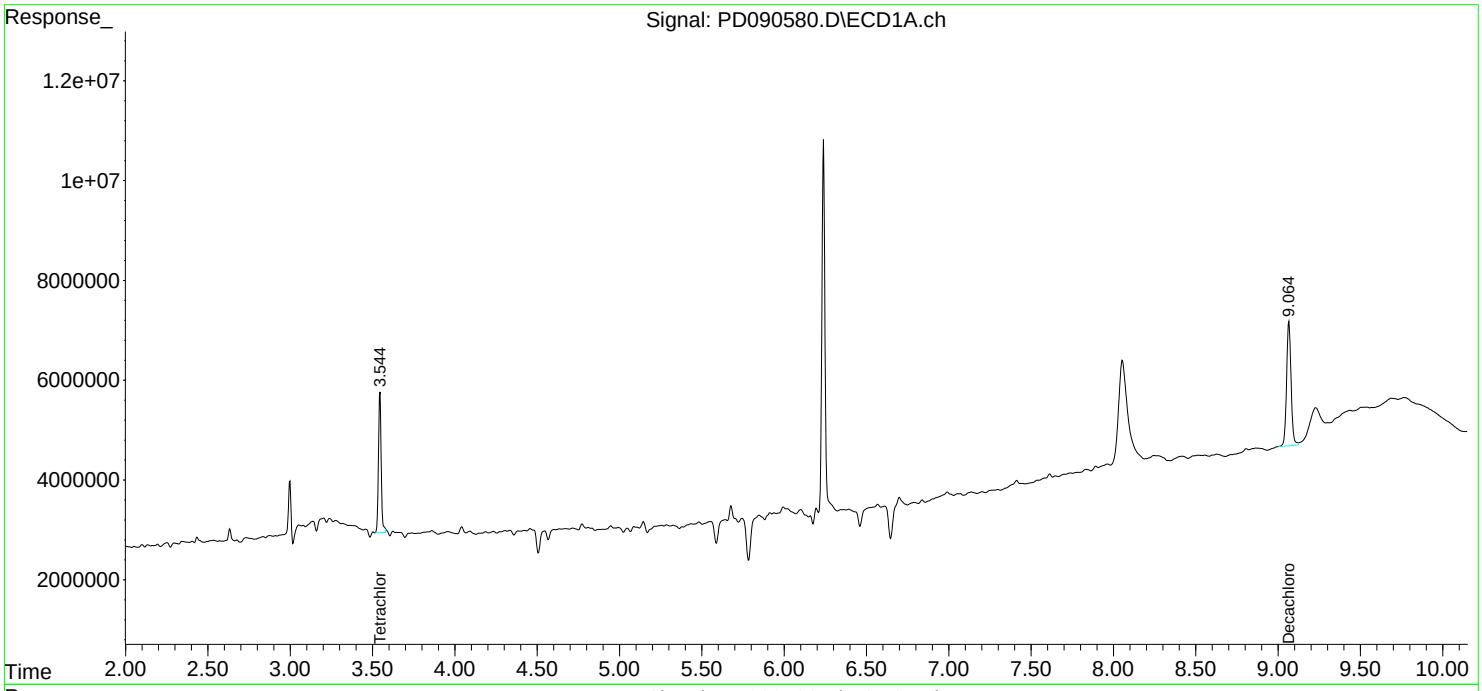
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

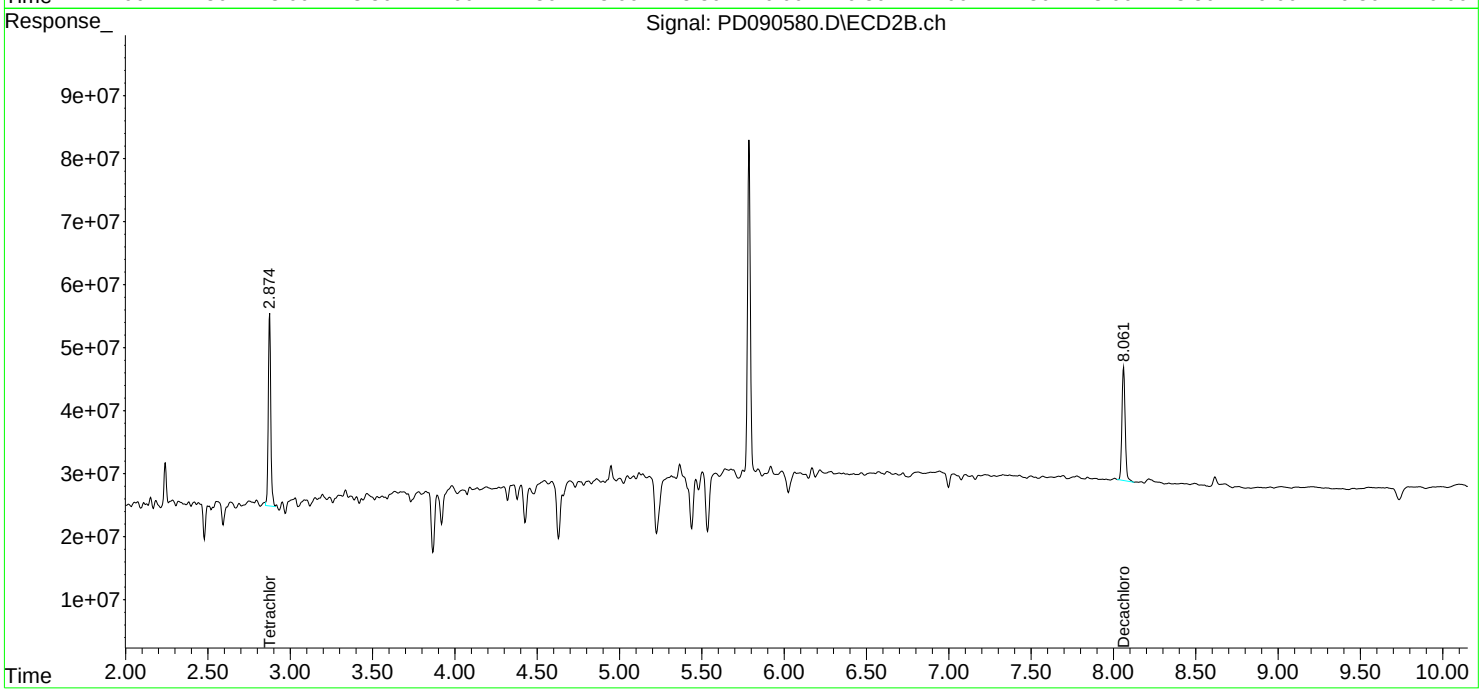
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:04
Operator : AR\AJ
Sample : Q3323-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

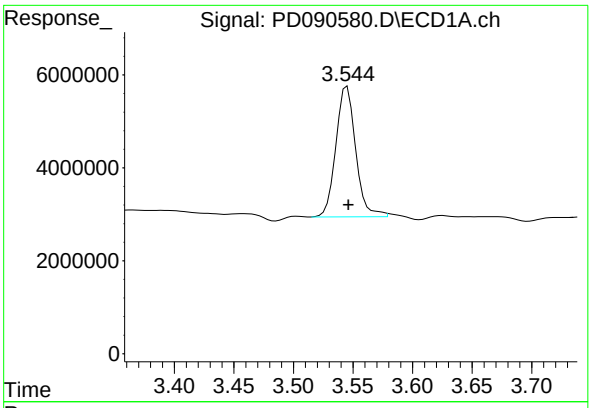
Instrument :
ECD_D
ClientSampleId :
SED-05-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:38:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



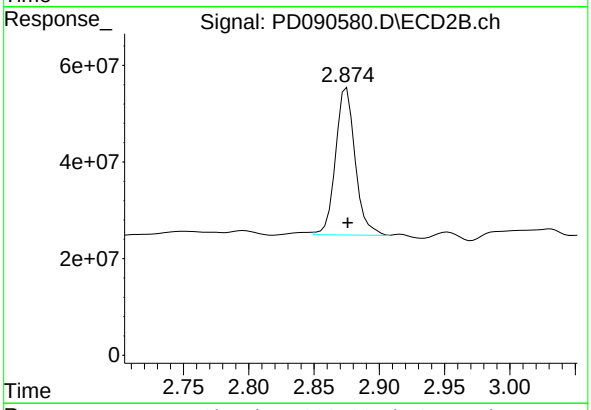




#1 Tetrachloro-m-xylene

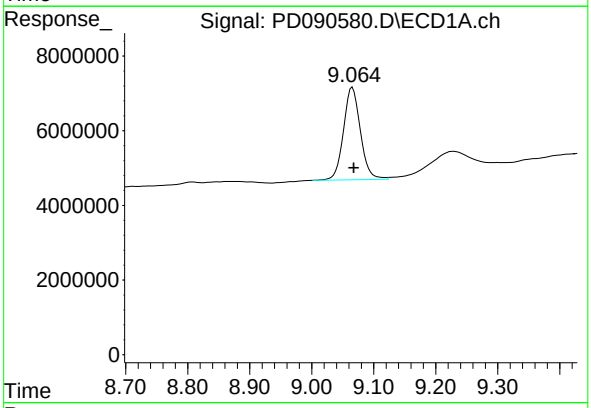
R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 32642765
Conc: 10.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-05-0-2



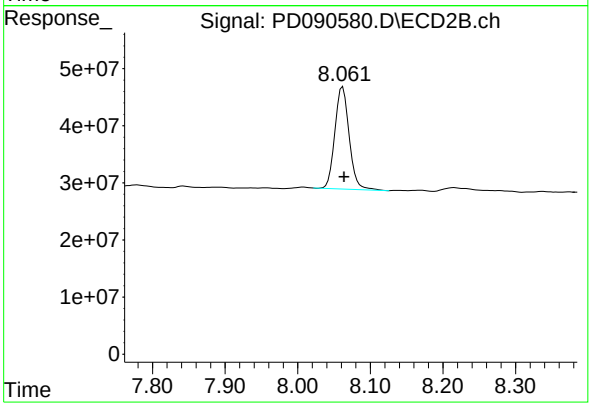
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 317507325
Conc: 11.57 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.002 min
Response: 46828239
Conc: 9.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 244905924
Conc: 7.56 ng/ml

Raw Data: **PD090581.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace			Date Received:	10/09/25
Client Sample ID:	SED-06-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-06			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	80.8
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.16	U	1	0.16	2.10	ug/kg	10/14/25 13:18	PB170065
319-85-7	beta-BHC	0.22	U	1	0.22	2.10	ug/kg	10/14/25 13:18	PB170065
319-86-8	delta-BHC	0.48	U	1	0.48	2.10	ug/kg	10/14/25 13:18	PB170065
58-89-9	gamma-BHC (Lindane)	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:18	PB170065
76-44-8	Heptachlor	0.15	U	1	0.15	2.10	ug/kg	10/14/25 13:18	PB170065
309-00-2	Aldrin	0.15	U	1	0.15	2.10	ug/kg	10/14/25 13:18	PB170065
1024-57-3	Heptachlor epoxide	0.24	U	1	0.24	2.10	ug/kg	10/14/25 13:18	PB170065
959-98-8	Endosulfan I	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:18	PB170065
60-57-1	Dieldrin	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:18	PB170065
72-55-9	4,4-DDE	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:18	PB170065
72-20-8	Endrin	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:18	PB170065
33213-65-9	Endosulfan II	0.36	U	1	0.36	2.10	ug/kg	10/14/25 13:18	PB170065
72-54-8	4,4-DDD	0.19	U	1	0.19	2.10	ug/kg	10/14/25 13:18	PB170065
1031-07-8	Endosulfan Sulfate	0.16	U	1	0.16	2.10	ug/kg	10/14/25 13:18	PB170065
50-29-3	4,4-DDT	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:18	PB170065
72-43-5	Methoxychlor	0.46	U	1	0.46	2.10	ug/kg	10/14/25 13:18	PB170065
53494-70-5	Endrin ketone	0.24	U	1	0.24	2.10	ug/kg	10/14/25 13:18	PB170065
7421-93-4	Endrin aldehyde	0.46	U	1	0.46	2.10	ug/kg	10/14/25 13:18	PB170065
5103-71-9	alpha-Chlordane	0.15	U	1	0.15	2.10	ug/kg	10/14/25 13:18	PB170065
5103-74-2	gamma-Chlordane	0.19	U	1	0.19	2.10	ug/kg	10/14/25 13:18	PB170065
8001-35-2	Toxaphene	6.70	U	1	6.70	40.8	ug/kg	10/14/25 13:18	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	9.21			20 - 144	46%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.4			19 - 148	87%	SPK: 20		

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:18
Operator : AR\AJ
Sample : Q3323-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-06-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:38:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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...	3.560	2.874	51459354	476.2E6	15.831m	17.348m
28)	SA Decachlor...	9.083	8.061	44462783	253.5E6	9.215	7.820
	Target Compounds						

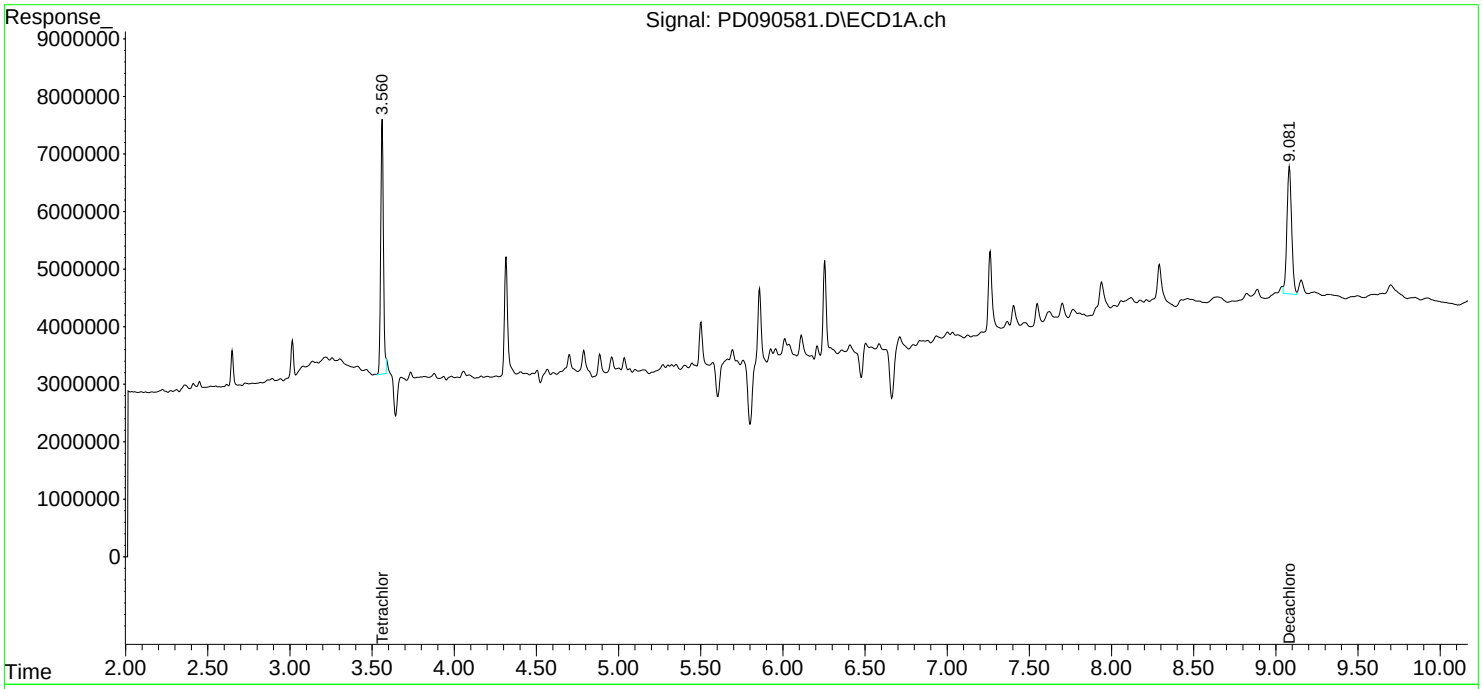
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

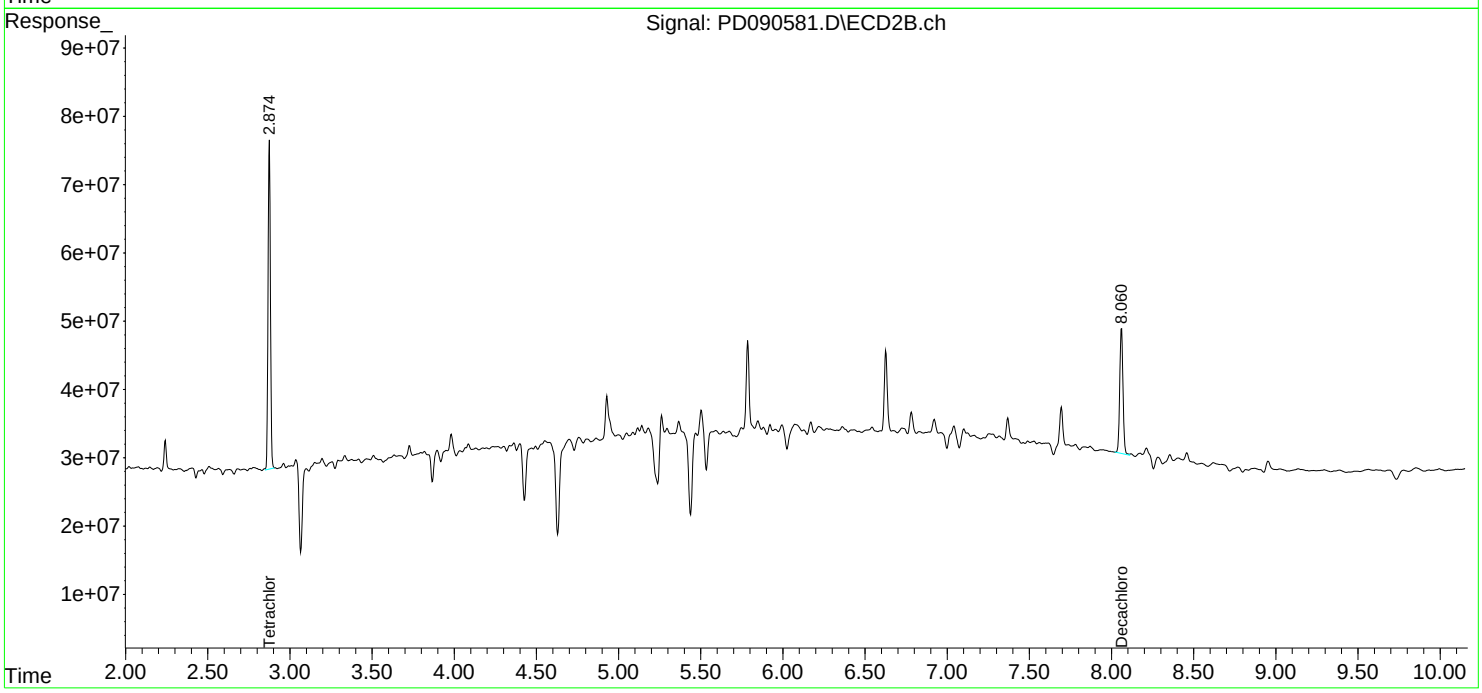
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:18
Operator : AR\AJ
Sample : Q3323-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

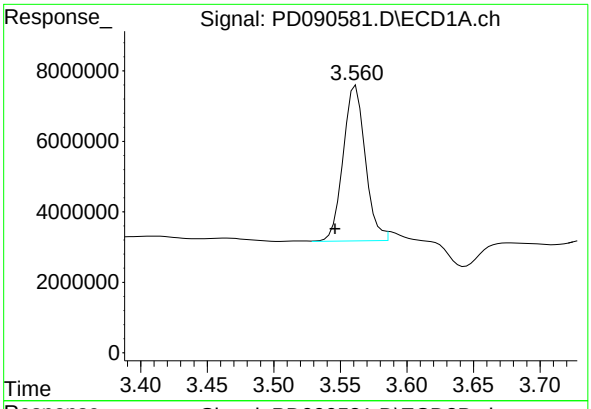
Instrument :
ECD_D
ClientSampleId :
SED-06-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:38:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



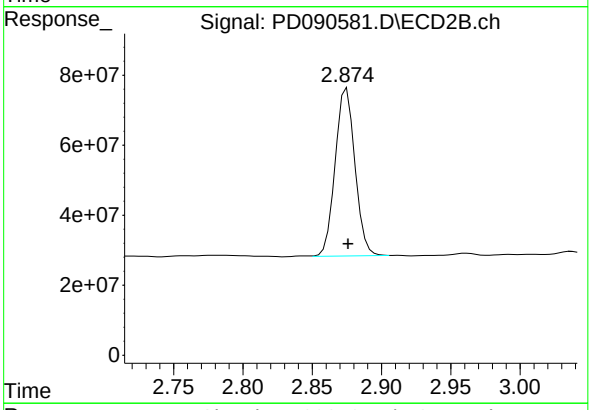




#1 Tetrachloro-m-xylene

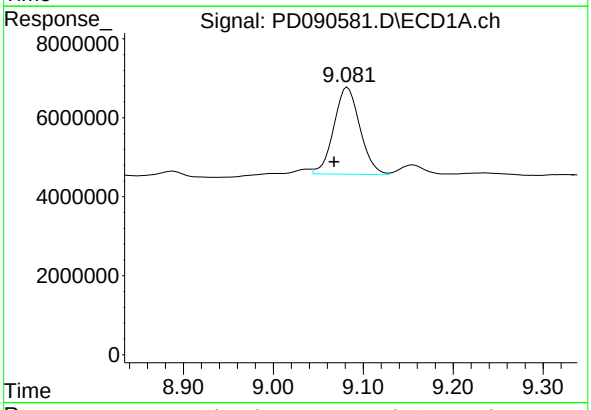
R.T.: 3.560 min
Delta R.T.: 0.014 min
Response: 51459354
Conc: 15.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-06-0-2



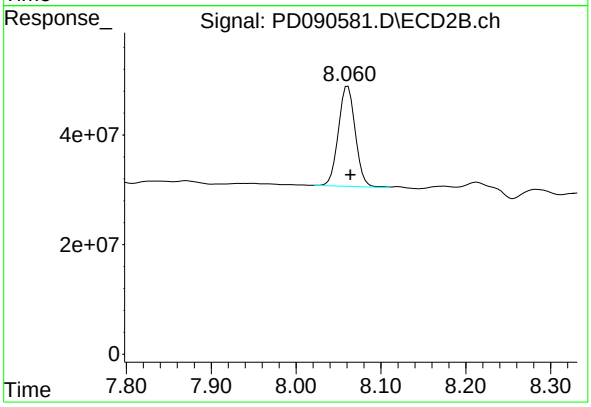
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 476197452
Conc: 17.35 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.015 min
Response: 44462783
Conc: 9.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 253483484
Conc: 7.82 ng/ml

Raw Data: **PD090582.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace			Date Received:	10/09/25
Client Sample ID:	SED-07-0-2			SDG No.:	Q3323
Lab Sample ID:	Q3323-07			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	81.2
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.16	U	1	0.16	2.10	ug/kg	10/14/25 13:31	PB170065
319-85-7	beta-BHC	0.22	U	1	0.22	2.10	ug/kg	10/14/25 13:31	PB170065
319-86-8	delta-BHC	0.48	U	1	0.48	2.10	ug/kg	10/14/25 13:31	PB170065
58-89-9	gamma-BHC (Lindane)	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:31	PB170065
76-44-8	Heptachlor	0.15	U	1	0.15	2.10	ug/kg	10/14/25 13:31	PB170065
309-00-2	Aldrin	0.15	U	1	0.15	2.10	ug/kg	10/14/25 13:31	PB170065
1024-57-3	Heptachlor epoxide	0.23	U	1	0.23	2.10	ug/kg	10/14/25 13:31	PB170065
959-98-8	Endosulfan I	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:31	PB170065
60-57-1	Dieldrin	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:31	PB170065
72-55-9	4,4-DDE	0.36	J	1	0.17	2.10	ug/kg	10/14/25 13:31	PB170065
72-20-8	Endrin	0.17	U	1	0.17	2.10	ug/kg	10/14/25 13:31	PB170065
33213-65-9	Endosulfan II	0.36	U	1	0.36	2.10	ug/kg	10/14/25 13:31	PB170065
72-54-8	4,4-DDD	0.66	JP	1	0.18	2.10	ug/kg	10/14/25 13:31	PB170065
1031-07-8	Endosulfan Sulfate	0.16	U	1	0.16	2.10	ug/kg	10/14/25 13:31	PB170065
50-29-3	4,4-DDT	0.32	J	1	0.17	2.10	ug/kg	10/14/25 13:31	PB170065
72-43-5	Methoxychlor	0.46	U	1	0.46	2.10	ug/kg	10/14/25 13:31	PB170065
53494-70-5	Endrin ketone	0.23	U	1	0.23	2.10	ug/kg	10/14/25 13:31	PB170065
7421-93-4	Endrin aldehyde	0.46	U	1	0.46	2.10	ug/kg	10/14/25 13:31	PB170065
5103-71-9	alpha-Chlordane	0.71	J	1	0.15	2.10	ug/kg	10/14/25 13:31	PB170065
5103-74-2	gamma-Chlordane	0.18	U	1	0.18	2.10	ug/kg	10/14/25 13:31	PB170065
8001-35-2	Toxaphene	6.70	U	1	6.70	40.6	ug/kg	10/14/25 13:31	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	12.9			20 - 144	64%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.1			19 - 148	80%	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\PD101425\
Data File : PD090582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:31
Operator : AR\AJ
Sample : Q3323-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SED-07-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:38:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	48452335	441.6E6	14.906m	16.087m
28)	SA Decachlor...	9.064	8.061	62119258	291.6E6	12.874m	8.997 #
	Target Compounds						
10)	B gamma-Chl...	5.939	5.117	2071185	14974632	0.363m	0.381m
11)	B alpha-Chl...	6.022	5.198	1958613	65653243	0.340m	1.743m#
12)	B 4,4'-DDE	6.191	5.365	3541353	33365964	0.680	0.872m#
16)	A 4,4'-DDD	6.695	5.920	6637110	20689547	1.620m	0.638m#
17)	MA 4,4'-DDT	7.016	6.170	2416551	26563246	0.543m	0.773m#

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

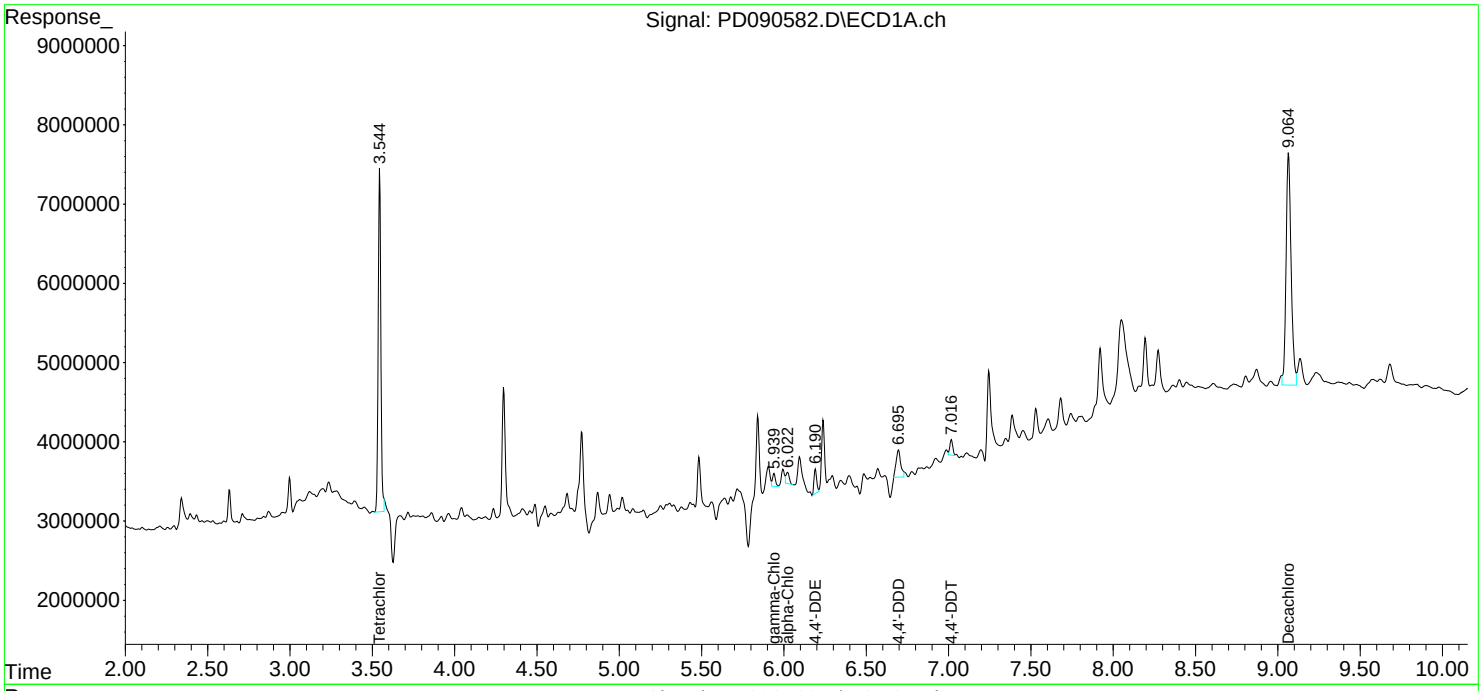
Sample Results: **PD090582.D**

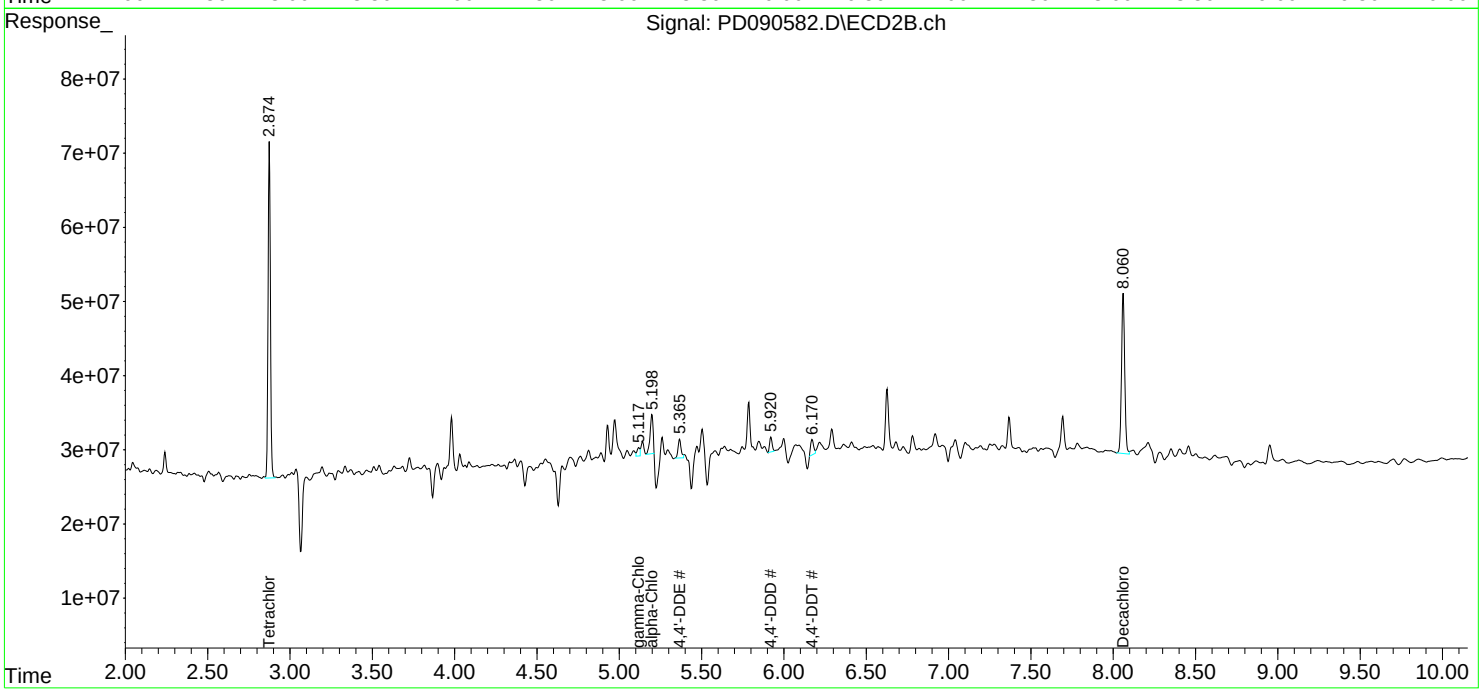
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:31
Operator : AR\AJ
Sample : Q3323-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

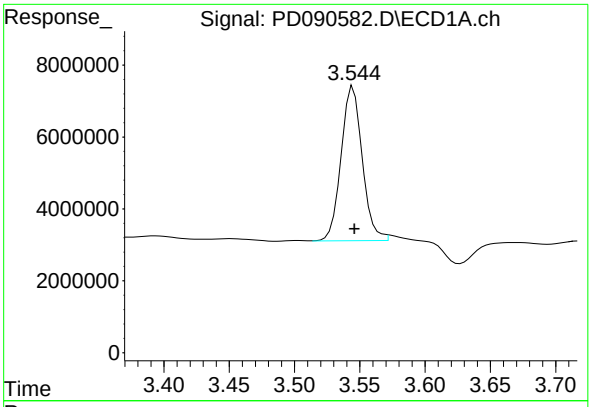
Instrument :
ECD_D
ClientSampleId :
SED-07-0-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:38:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



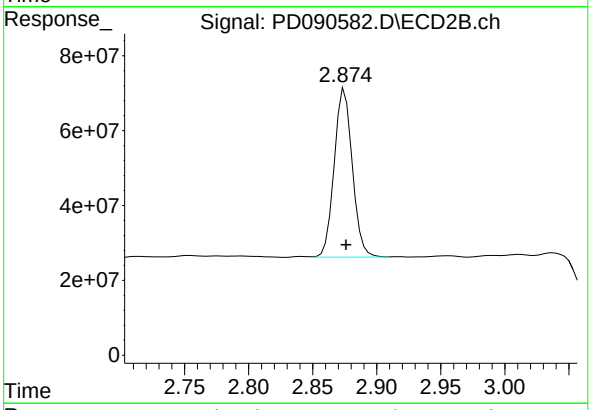




#1 Tetrachloro-m-xylene

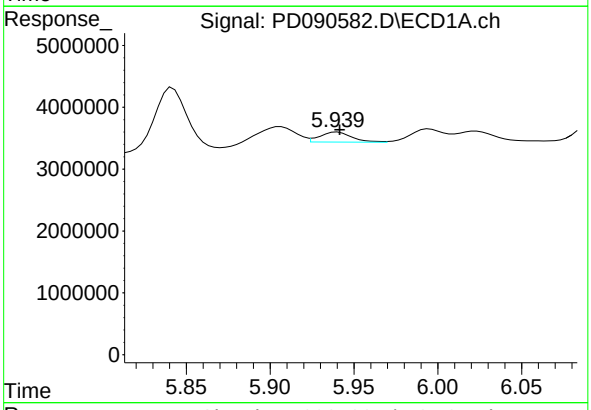
R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 48452335
Conc: 14.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-07-0-2



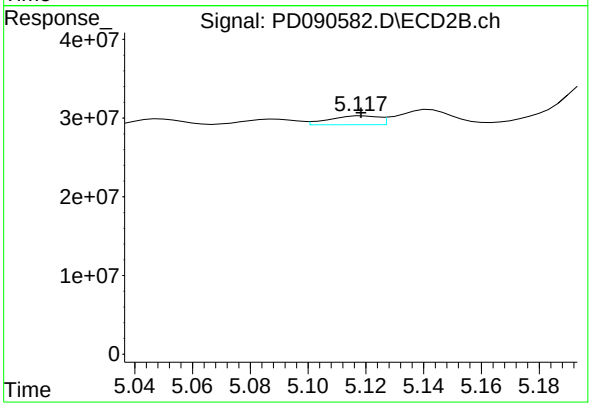
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 441588488
Conc: 16.09 ng/ml m



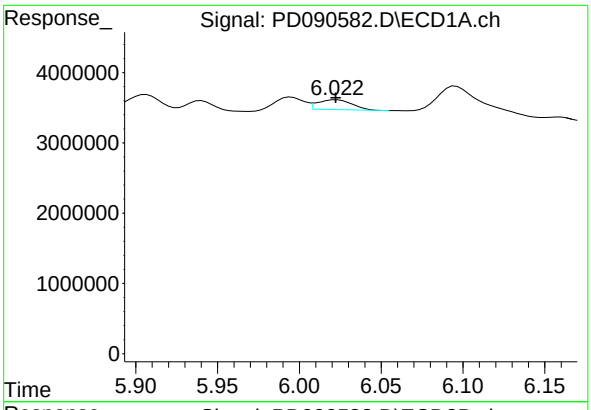
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 2071185
Conc: 0.36 ng/ml m



#10 gamma-Chlordane

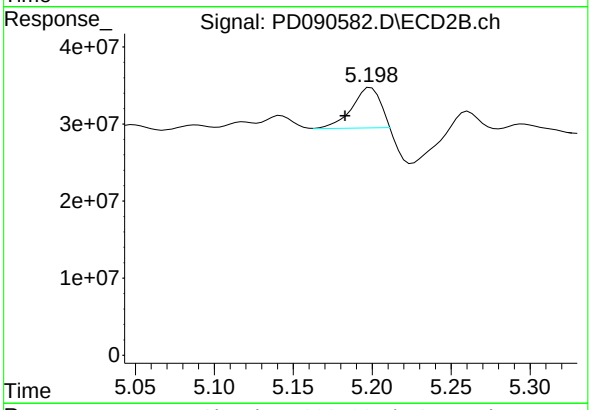
R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 14974632
Conc: 0.38 ng/ml m



#11 alpha-Chlordane

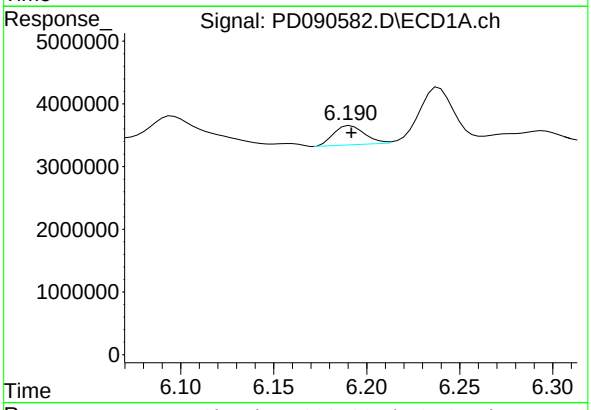
R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 1958613
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-07-0-2



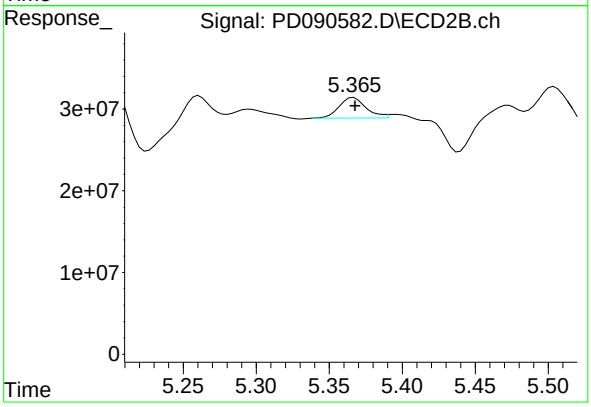
#11 alpha-Chlordane

R.T.: 5.198 min
Delta R.T.: 0.015 min
Response: 65653243
Conc: 1.74 ng/ml m



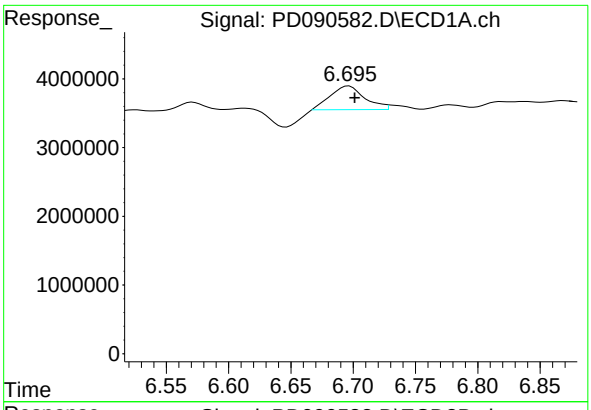
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 3541353
Conc: 0.68 ng/ml



#12 4,4'-DDE

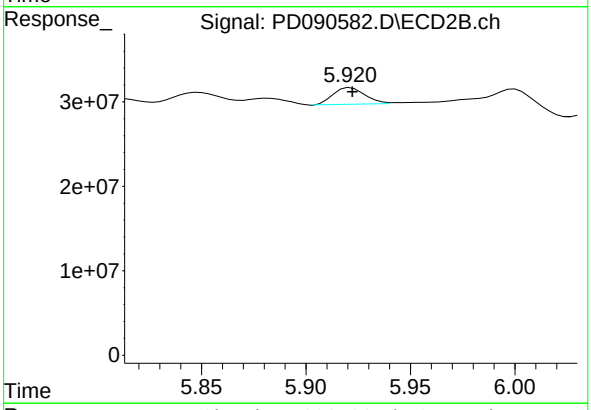
R.T.: 5.365 min
Delta R.T.: -0.002 min
Response: 33365964
Conc: 0.87 ng/ml m



#16 4,4'-DDD

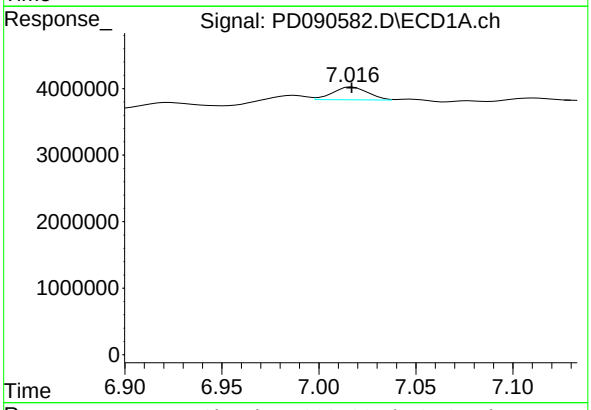
R.T.: 6.695 min
Delta R.T.: -0.006 min
Response: 6637110
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-07-0-2



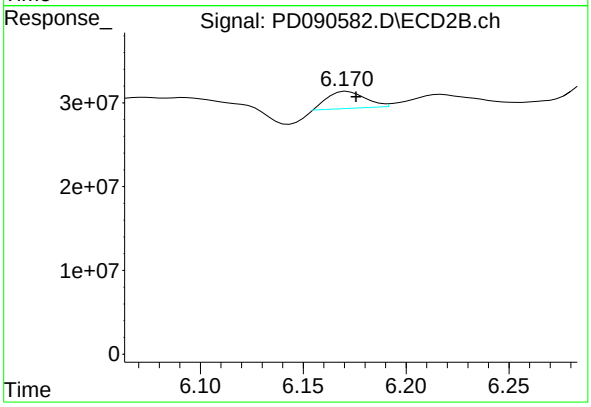
#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 20689547
Conc: 0.64 ng/ml m



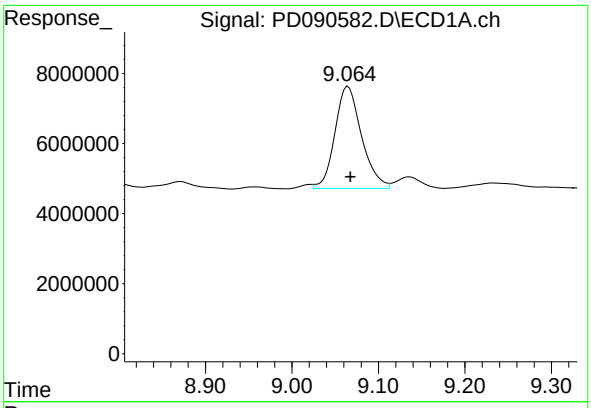
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 2416551
Conc: 0.54 ng/ml m



#17 4,4'-DDT

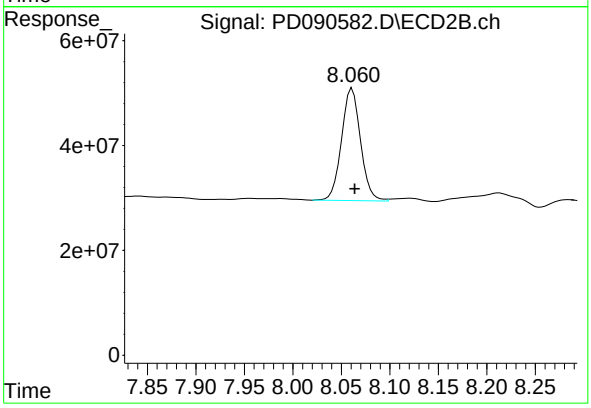
R.T.: 6.170 min
Delta R.T.: -0.006 min
Response: 26563246
Conc: 0.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: -0.004 min
Response: 62119258
Conc: 12.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SED-07-0-2



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 291637976
Conc: 9.00 ng/ml

CALIBRATION SUMMARY

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: LANG01
SDG NO.: Q3323
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 10:30 11:24

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

LAB FILE ID: RT 100 = PD090330.D RT 075 = PD090331.D
RT 050 = PD090332.D RT 025 = PD090333.D RT 005 = PD090334.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
4,4'-DDE	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
4,4'-DDT	7.02	7.02	7.02	7.02	7.02	7.02	6.92	7.12
Aldrin	5.27	5.27	5.27	5.27	5.27	5.27	5.17	5.37
alpha-BHC	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
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	9.07	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	7.15	7.15	7.15	7.05	7.25
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	7.63	7.63	7.53	7.73
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
gamma-Chlordane	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Heptachlor	4.93	4.93	4.93	4.93	4.92	4.92	4.82	5.02
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D
Contract: LANG01
SDG NO.: Q3323
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 10:30 11:24

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

LAB FILE ID: RT 100 = PD090330.D RT 075 = PD090331.D
RT 050 = PD090332.D RT 025 = PD090333.D RT 005 = PD090334.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.18	6.18	6.18	6.18	6.18	6.18	6.08	6.28
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	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
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	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
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	6.99	6.98	6.98	6.99	6.99	6.98	6.88	7.08
gamma-BHC (Lindane)	3.73	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	4.08	4.08	4.08	3.98	4.18
Heptachlor epoxide	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Methoxychlor	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Tetrachloro-m-xylene	2.88	2.88	2.88	2.88	2.88	2.88	2.78	2.98

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: LANG01
SDG NO.: Q3323
Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 10:30 11:24

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

LAB FILE ID: **CF 100 =** PD090330.D **CF 075 =** PD090331.D
CF 050 = PD090332.D **CF 025 =** PD090333.D **CF 005 =** PD090334.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4207140000	4130580000	4014010000	3964590000	4172770000	4097820000	3
4,4'-DDE	5374140000	5287370000	5128730000	5024430000	5222910000	5207510000	3
4,4'-DDT	4574330000	4523620000	4372800000	4315380000	4476180000	4452460000	2
Aldrin	6538430000	6445600000	6233910000	6135550000	6396240000	6349940000	3
alpha-BHC	7531750000	7318540000	6929420000	6661110000	6481880000	6984540000	6
alpha-Chlordane	5775350000	5724530000	5604540000	5619990000	6079780000	5760840000	3
beta-BHC	2482280000	2482500000	2464130000	2562370000	2908310000	2579920000	7
Decachlorobiphenyl	4402260000	4491650000	4568910000	4877590000	5784880000	4825060000	12
delta-BHC	6900540000	6743360000	6436800000	6196590000	6010210000	6457500000	6
Dieldrin	5878480000	5813890000	5658660000	5591850000	5880560000	5764690000	2
Endosulfan I	5355870000	5330150000	5246990000	5296210000	5778070000	5401460000	4
Endosulfan II	4863810000	4809890000	4767830000	4731790000	5215710000	4877810000	4
Endosulfan sulfate	4488130000	4504880000	4451040000	4538020000	5019730000	4600360000	5
Endrin	4996080000	4929650000	4790800000	4732630000	5020530000	4893940000	3
Endrin aldehyde	3278170000	3320750000	3308650000	3392630000	3852740000	3430590000	7
Endrin ketone	4890930000	4897630000	4794420000	4865030000	5288830000	4947370000	4
gamma-BHC (Lindane)	6999120000	6835130000	6524340000	6332700000	6393110000	6616880000	4
gamma-Chlordane	5813690000	5752510000	5584900000	5550280000	5858310000	5711940000	2
Heptachlor	6772400000	6712800000	6486200000	6442050000	6649430000	6612570000	2
Heptachlor epoxide	5686760000	5637150000	5520680000	5549540000	6180470000	5714920000	5
Methoxychlor	2238390000	2263790000	2253430000	2355450000	2671490000	2356510000	8
Tetrachloro-m-xylene	3132360000	3130620000	3109950000	3314170000	3565160000	3250450000	6

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Instrument ID: ECD_D **Calibration Date(s):** 09/18/2025 09/18/2025

Calibration Times: 10:30 11:24

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

LAB FILE ID: **CF 100 =** PD090330.D **CF 075 =** PD090331.D

CF 050 = PD090332.D **CF 025 =** PD090333.D **CF 005 =** PD090334.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	30304900000	30692500000	31009200000	32903500000	37228900000	32427800000	9
4,4'-DDE	36124200000	36272100000	36686200000	38763000000	43549500000	38279000000	8
4,4'-DDT	33099900000	33102400000	33251000000	34736500000	37705500000	34379100000	6
Aldrin	37755900000	38014300000	38272600000	40300100000	45332100000	39935000000	8
alpha-BHC	41983700000	42103500000	41877000000	43751600000	49199100000	43783000000	7
alpha-Chlordane	35496600000	35665700000	35983600000	37925400000	43255100000	37665300000	9
beta-BHC	16104200000	16264800000	16450900000	17520600000	20336000000	17335300000	10
Decachlorobiphenyl	30416300000	30281700000	30308400000	32239300000	38828000000	32414700000	11
delta-BHC	39478300000	39575300000	39625200000	41252800000	46542500000	41294800000	7
Dieldrin	36291200000	36723400000	37358800000	39527500000	44828700000	38945900000	9
Endosulfan I	31926100000	32408300000	33081700000	35241100000	40368600000	34605200000	10
Endosulfan II	31161800000	31580800000	32283100000	34269000000	39458900000	33750700000	10
Endosulfan sulfate	30125200000	30553700000	31128700000	33188100000	38456200000	32690400000	10
Endrin	32764600000	33397800000	34021300000	37450400000	41526700000	35832100000	10
Endrin aldehyde	21653400000	22092600000	22663100000	23908000000	27417000000	23546800000	10
Endrin ketone	33026100000	33493700000	34356800000	36799800000	42838200000	36102900000	11
gamma-BHC (Lindane)	39011200000	39020700000	38893100000	40648000000	46104500000	40735500000	8
gamma-Chlordane	37136200000	37337600000	37533000000	39366900000	45057800000	39286300000	9
Heptachlor	38021400000	38528800000	38887000000	41156300000	46990300000	40716800000	9
Heptachlor epoxide	33658400000	34135100000	34882100000	37203700000	44446000000	36865100000	12
Methoxychlor	15805600000	16152500000	16575000000	17899900000	20568800000	17400400000	11
Tetrachloro-m-xylene	25734100000	25856000000	26010100000	27671900000	31977700000	27449900000	10

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Instrument ID: ECD_D **Date(s) Analyzed:** 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.24	6.14	6.34	44388200
		2	6.44	6.34	6.54	60483400
		3	7.14	7.04	7.24	113658000
		4	7.56	7.46	7.66	146448000
		5	7.93	7.83	8.03	83400400

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Instrument ID: ECD_D **Date(s) Analyzed:** 09/18/2025 09/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.47	5.37	5.57	277984000
		2	5.64	5.54	5.74	187173000
		3	6.75	6.65	6.85	940593000
		4	7.19	7.09	7.29	622769000
		5	7.32	7.22	7.42	479062000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:30
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: Sep 19 05:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.876	313.2E6	2573.4E6	100.721	98.939
28)	SA Decachlor...	9.066	8.063	440.2E6	3041.6E6	96.353	100.356
	Target Compounds						
2)	A alpha-BHC	3.995	3.388	753.2E6	4198.4E6	108.692	100.255
3)	MA gamma-BHC...	4.326	3.725	699.9E6	3901.1E6	107.277	100.303
4)	MA Heptachlor	4.925	4.077	677.2E6	3802.1E6	104.413	97.774
5)	MB Aldrin	5.266	4.363	653.8E6	3775.6E6	104.885	98.650
6)	B beta-BHC	4.513	4.020	248.2E6	1610.4E6	100.737	97.893
7)	B delta-BHC	4.761	4.257	690.1E6	3947.8E6	107.205	99.629
8)	B Heptachlo...	5.686	4.866	568.7E6	3365.8E6	103.008	96.492
9)	A Endosulfan I	6.070	5.241	535.6E6	3192.6E6	102.075	96.507
10)	B gamma-Chl...	5.941	5.119	581.4E6	3713.6E6	104.097	98.943
11)	B alpha-Chl...	6.022	5.184	577.5E6	3549.7E6	103.048	98.646
12)	B 4,4'-DDE	6.192	5.368	537.4E6	3612.4E6	104.785	98.468
13)	MA Dieldrin	6.342	5.506	587.8E6	3629.1E6	103.885	97.142
14)	MA Endrin	6.570	5.783	499.6E6	3276.5E6	104.285	96.306
15)	B Endosulfa...	6.782	6.074	486.4E6	3116.2E6	102.013	96.527
16)	A 4,4'-DDD	6.701	5.923	420.7E6	3030.5E6	104.811	97.729
17)	MA 4,4'-DDT	7.017	6.177	457.4E6	3310.0E6	104.609	99.546
18)	B Endrin al...	6.911	6.252	327.8E6	2165.3E6	99.079	95.545
19)	B Endosulfa...	7.145	6.476	448.8E6	3012.5E6	100.833	96.776
20)	A Methoxychlor	7.489	6.747	223.8E6	1580.6E6	99.333	95.358
21)	B Endrin ke...	7.626	6.985	489.1E6	3302.6E6	102.013	96.127
22)	Mirex	8.109	7.178	339.1E6	2515.9E6	97.222	97.045

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

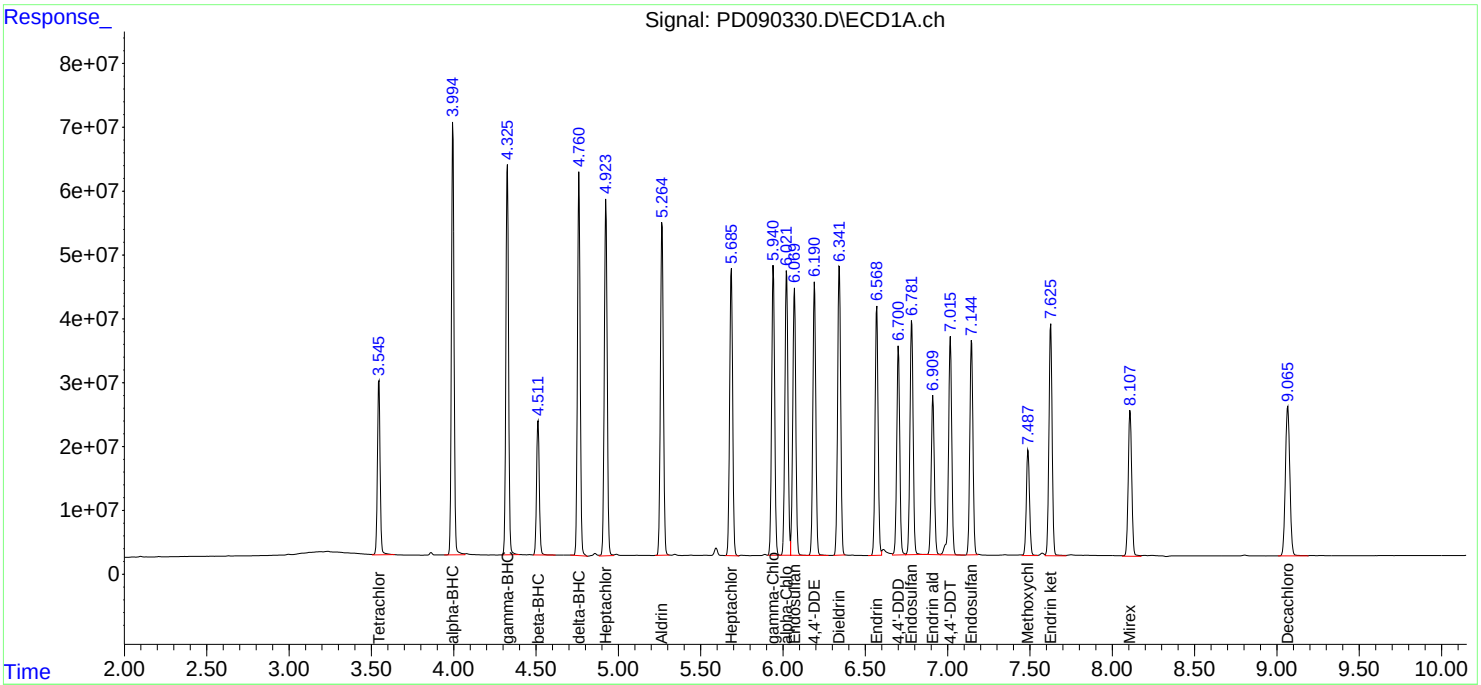
ICAL Form

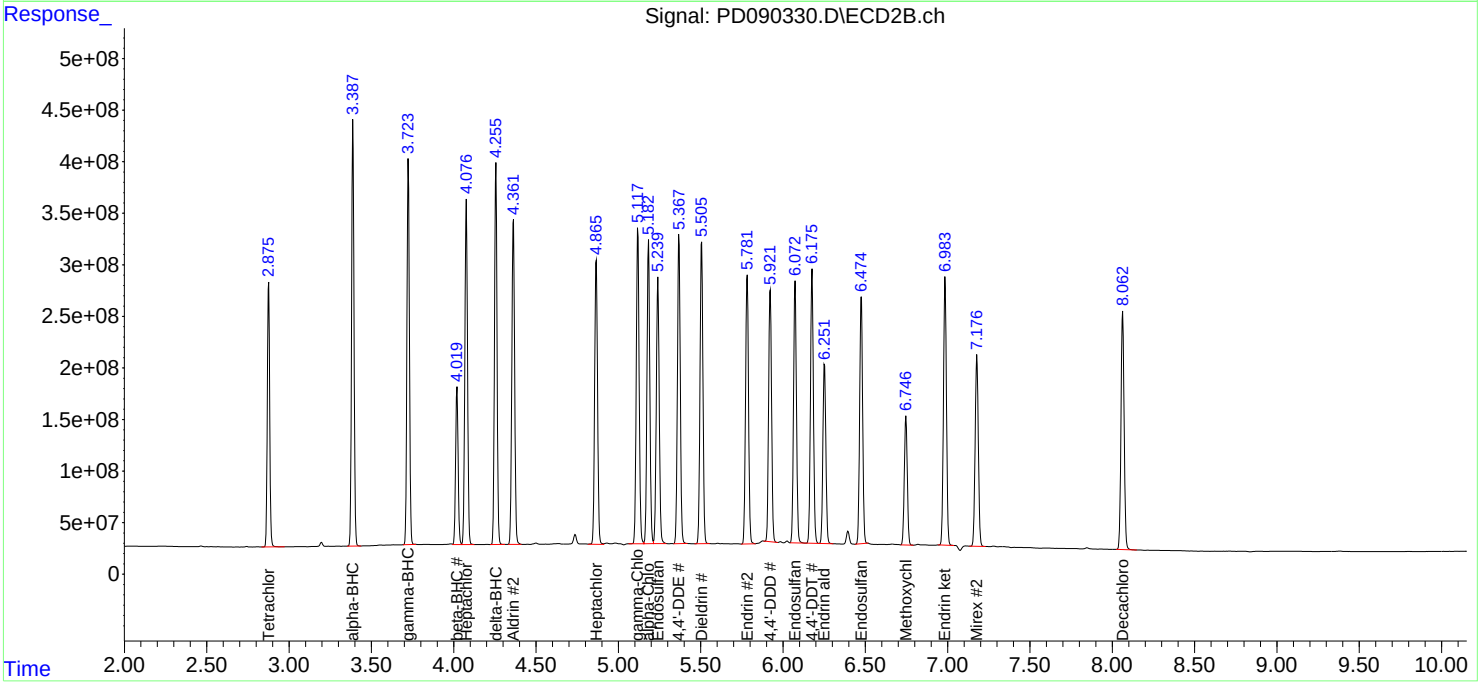
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:30
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:43
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: Sep 19 05:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.546	2.876	234.8E6	1939.2E6	75.498	74.556
28) SA	Decachlor...	9.067	8.063	336.9E6	2271.1E6	73.732	74.934
	Target Compounds						
2) A	alpha-BHC	3.996	3.387	548.9E6	3157.8E6	79.212	75.406
3) MA	gamma-BHC...	4.326	3.724	512.6E6	2926.6E6	78.573	75.246
4) MA	Heptachlor	4.925	4.076	503.5E6	2889.7E6	77.620	74.309
5) MB	Aldrin	5.266	4.362	483.4E6	2851.1E6	77.547	74.494
6) B	beta-BHC	4.513	4.020	186.2E6	1219.9E6	75.559	74.151
7) B	delta-BHC	4.761	4.256	505.8E6	2968.1E6	78.572	74.906
8) B	Heptachlo...	5.686	4.866	422.8E6	2560.1E6	76.582	73.394
9) A	Endosulfan I	6.070	5.240	399.8E6	2430.6E6	76.189	73.473
10) B	gamma-Chl...	5.941	5.119	431.4E6	2800.3E6	77.251	74.610
11) B	alpha-Chl...	6.023	5.183	429.3E6	2674.9E6	76.606	74.337
12) B	4,4'-DDE	6.191	5.368	396.6E6	2720.4E6	77.320	74.153
13) MA	Dieldrin	6.343	5.505	436.0E6	2754.3E6	77.057	73.724
14) MA	Endrin	6.570	5.782	369.7E6	2504.8E6	77.174	73.626
15) B	Endosulfa...	6.782	6.073	360.7E6	2368.6E6	75.662	73.368
16) A	4,4'-DDD	6.701	5.922	309.8E6	2301.9E6	77.178	74.234
17) MA	4,4'-DDT	7.017	6.176	339.3E6	2482.7E6	77.587	74.665
18) B	Endrin al...	6.911	6.252	249.1E6	1656.9E6	75.274	73.112
19) B	Endosulfa...	7.146	6.475	337.9E6	2291.5E6	75.907	73.614
20) A	Methoxychlor	7.490	6.746	169.8E6	1211.4E6	75.345	73.089
21) B	Endrin ke...	7.626	6.984	367.3E6	2512.0E6	76.614	73.116
22)	Mirex	8.109	7.177	259.4E6	1905.4E6	74.356	73.496

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

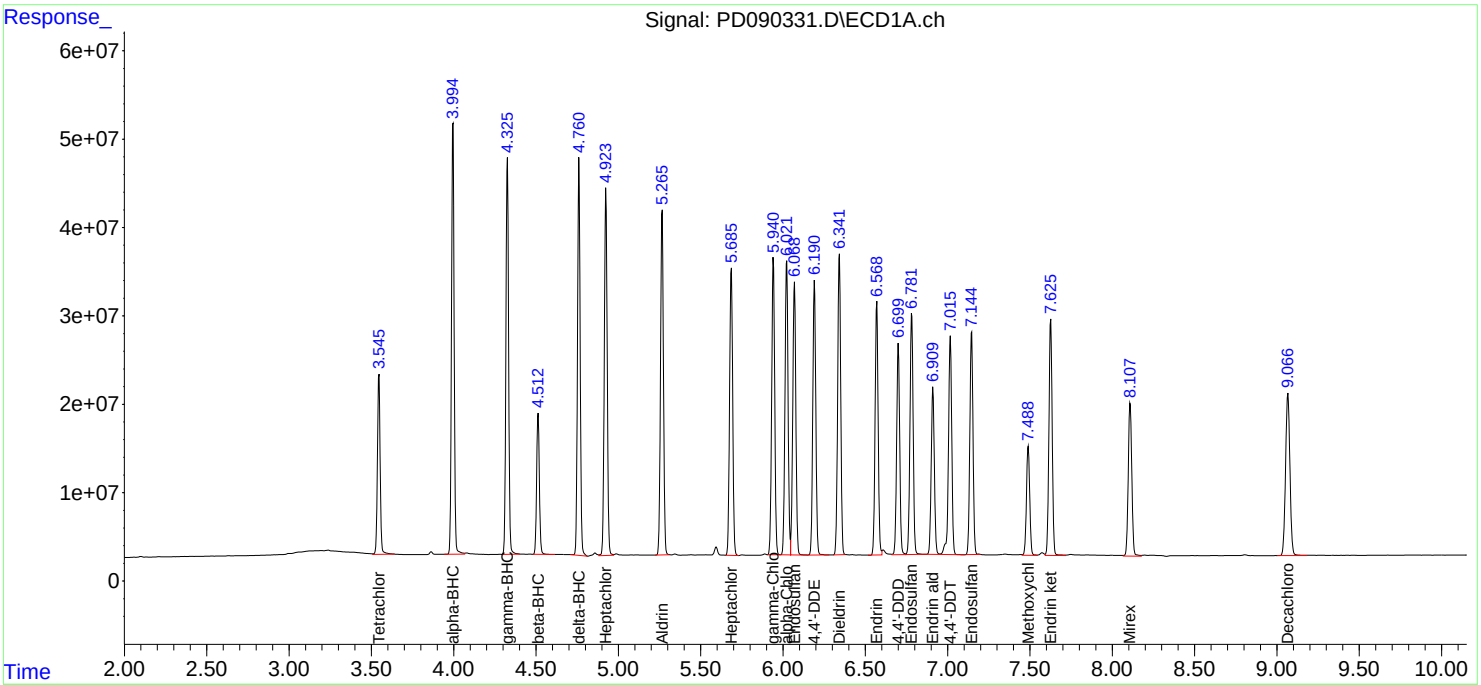
ICAL Form

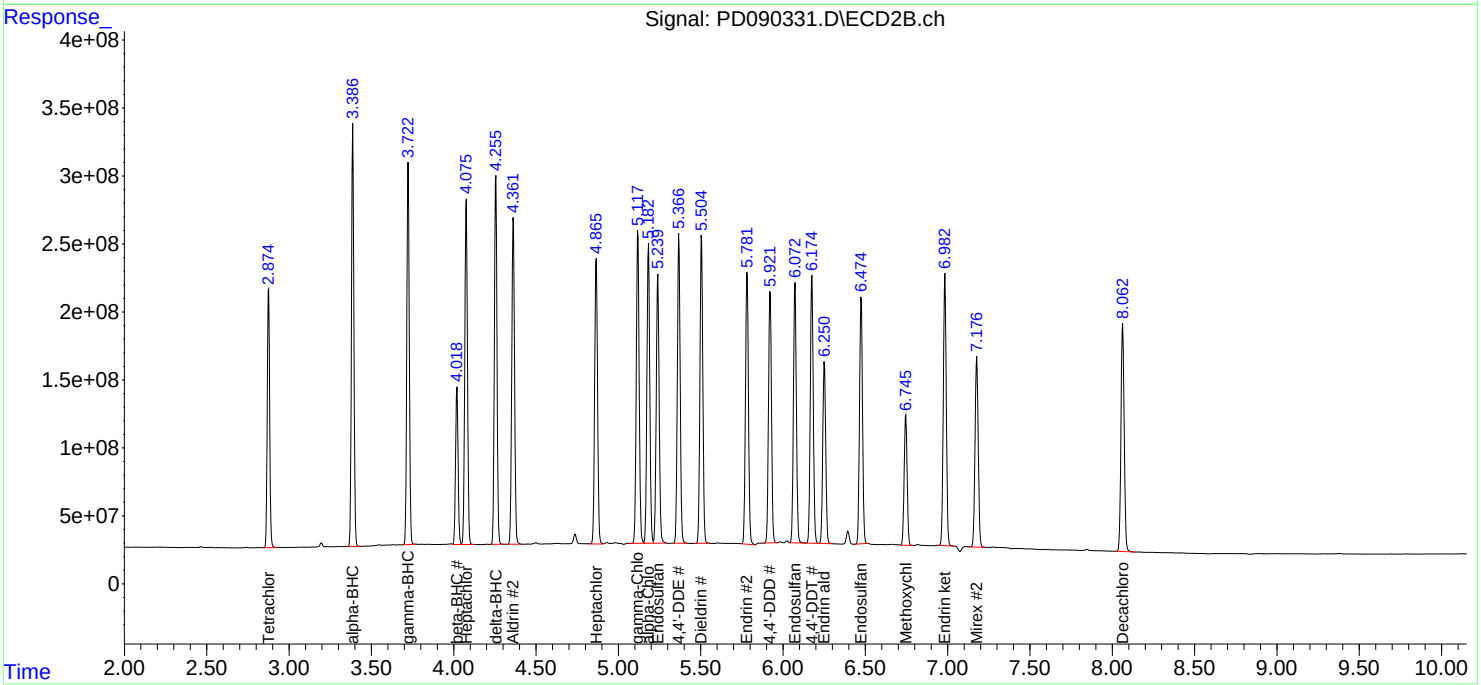
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:43
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC075

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:57
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: Sep 19 05:14:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.876	155.5E6	1300.5E6	50.000	50.000
28)	SA Decachlor...	9.068	8.064	228.4E6	1515.4E6	50.000	50.000
	Target Compounds						
2)	A alpha-BHC	3.995	3.388	346.5E6	2093.9E6	50.000	50.000
3)	MA gamma-BHC...	4.326	3.724	326.2E6	1944.7E6	50.000	50.000
4)	MA Heptachlor	4.925	4.076	324.3E6	1944.4E6	50.000	50.000
5)	MB Aldrin	5.266	4.362	311.7E6	1913.6E6	50.000	50.000
6)	B beta-BHC	4.513	4.020	123.2E6	822.5E6	50.000	50.000
7)	B delta-BHC	4.761	4.256	321.8E6	1981.3E6	50.000	50.000
8)	B Heptachlo...	5.686	4.866	276.0E6	1744.1E6	50.000	50.000
9)	A Endosulfan I	6.070	5.240	262.3E6	1654.1E6	50.000	50.000
10)	B gamma-Chl...	5.942	5.118	279.2E6	1876.6E6	50.000	50.000
11)	B alpha-Chl...	6.022	5.183	280.2E6	1799.2E6	50.000	50.000
12)	B 4,4'-DDE	6.192	5.368	256.4E6	1834.3E6	50.000	50.000
13)	MA Dieldrin	6.343	5.506	282.9E6	1867.9E6	50.000	50.000
14)	MA Endrin	6.569	5.782	239.5E6	1701.1E6	50.000	50.000
15)	B Endosulfa...	6.782	6.073	238.4E6	1614.2E6	50.000	50.000
16)	A 4,4'-DDD	6.701	5.922	200.7E6	1550.5E6	50.000	50.000
17)	MA 4,4'-DDT	7.017	6.176	218.6E6	1662.5E6	50.000	50.000
18)	B Endrin al...	6.911	6.252	165.4E6	1133.2E6	50.000	50.000
19)	B Endosulfa...	7.146	6.475	222.6E6	1556.4E6	50.000	50.000
20)	A Methoxychlor	7.490	6.746	112.7E6	828.7E6	50.000	50.000
21)	B Endrin ke...	7.627	6.984	239.7E6	1717.8E6	50.000	50.000
22)	Mirex	8.109	7.177	174.4E6	1296.3E6	50.000	50.000

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

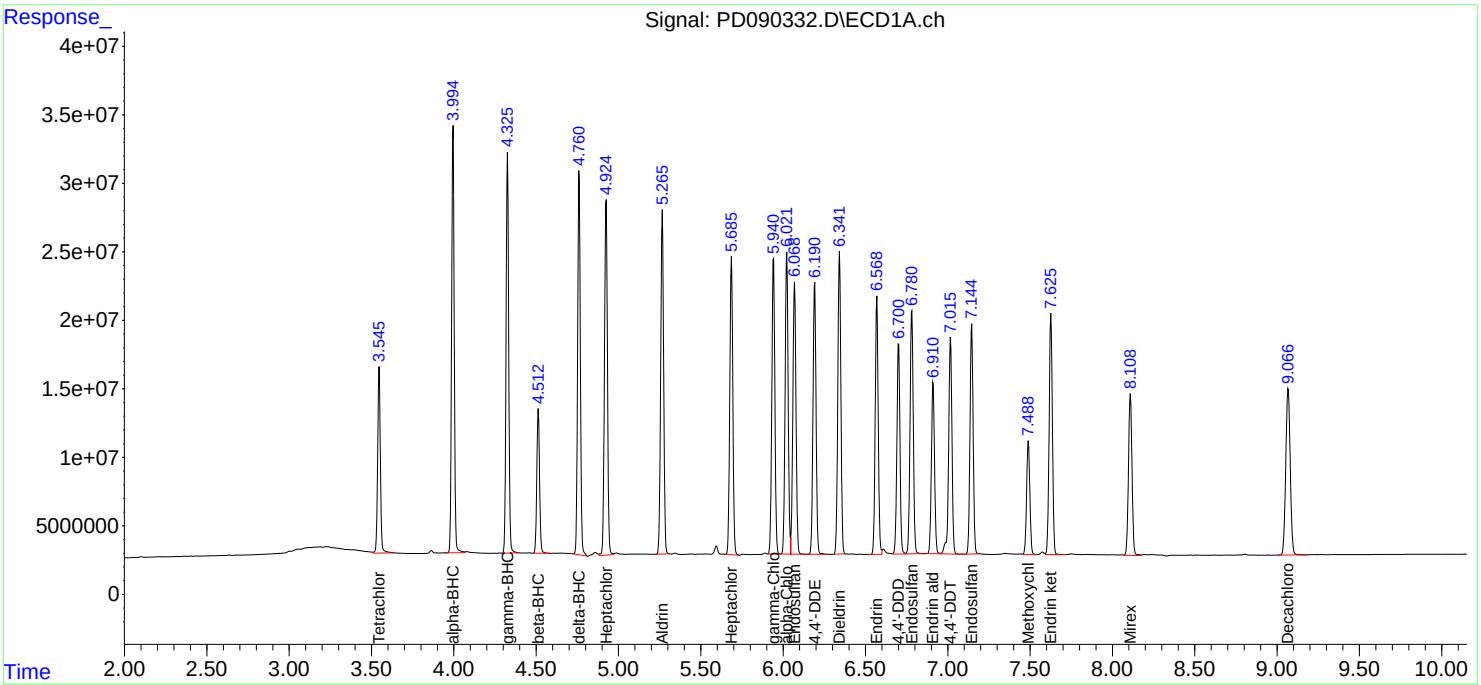
ICAL Form

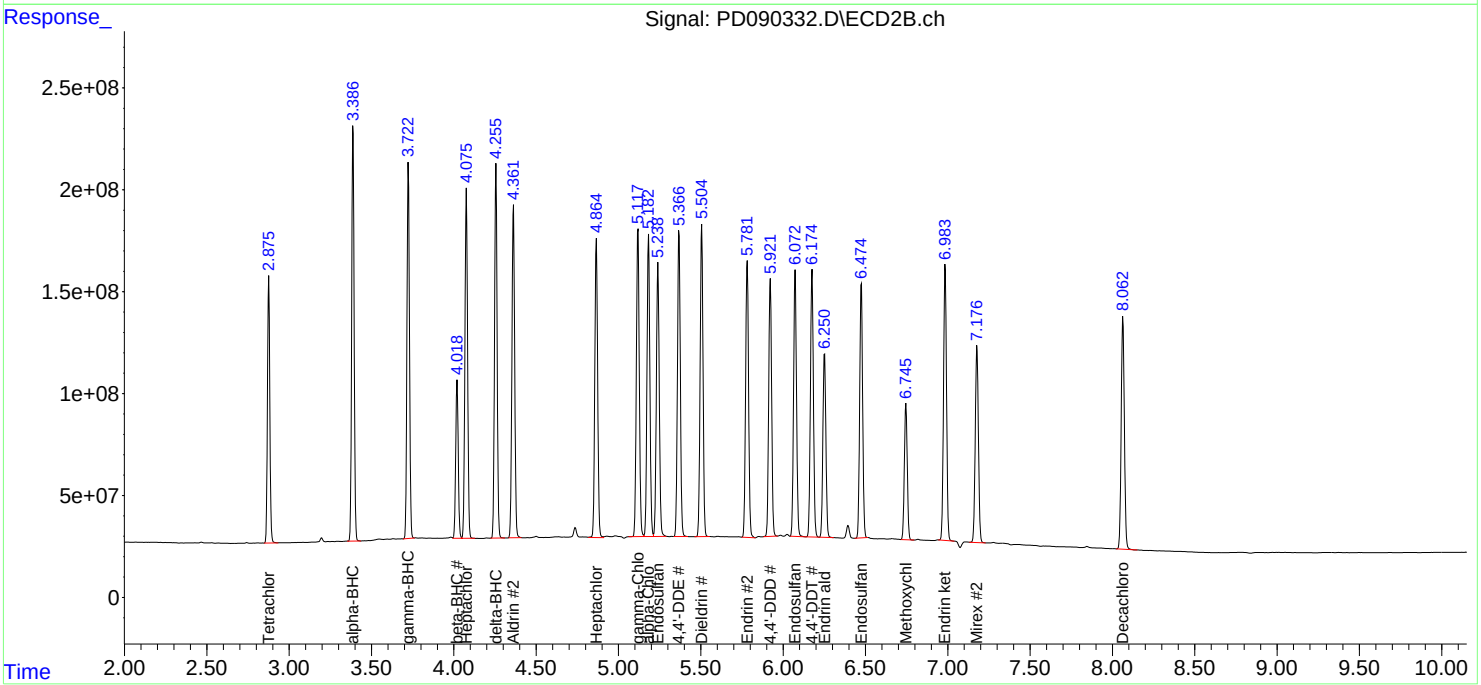
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:57
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 11:11
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: Sep 19 05:14:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.876	82854234	691.8E6	26.642	26.597
28)	SA Decachlor...	9.067	8.064	121.9E6	806.0E6	26.689	26.593
	Target Compounds						
2)	A alpha-BHC	3.996	3.388	166.5E6	1093.8E6	24.032	26.119
3)	MA gamma-BHC...	4.326	3.724	158.3E6	1016.2E6	24.266	26.128
4)	MA Heptachlor	4.925	4.077	161.1E6	1028.9E6	24.830	26.459
5)	MB Aldrin	5.266	4.363	153.4E6	1007.5E6	24.606	26.324
6)	B beta-BHC	4.513	4.020	64059316	438.0E6	25.997	26.626
7)	B delta-BHC	4.762	4.257	154.9E6	1031.3E6	24.067	26.027
8)	B Heptachlo...	5.686	4.866	138.7E6	930.1E6	25.131	26.664
9)	A Endosulfan I	6.070	5.241	132.4E6	881.0E6	25.235	26.632
10)	B gamma-Chl...	5.942	5.119	138.8E6	984.2E6	24.845	26.222
11)	B alpha-Chl...	6.023	5.183	140.5E6	948.1E6	25.069	26.349
12)	B 4,4'-DDE	6.192	5.368	125.6E6	969.1E6	24.492	26.415
13)	MA Dieldrin	6.343	5.506	139.8E6	988.2E6	24.705	26.451
14)	MA Endrin	6.570	5.782	118.3E6	936.3E6	24.696	27.520
15)	B Endosulfa...	6.782	6.074	118.3E6	856.7E6	24.811	26.538
16)	A 4,4'-DDD	6.702	5.922	99114690	822.6E6	24.692	26.527
17)	MA 4,4'-DDT	7.017	6.176	107.9E6	868.4E6	24.672	26.117
18)	B Endrin al...	6.912	6.252	84815631	597.7E6	25.635	26.373
19)	B Endosulfa...	7.146	6.476	113.5E6	829.7E6	25.489	26.654
20)	A Methoxychlor	7.490	6.747	58886348	447.5E6	26.132	26.998
21)	B Endrin ke...	7.627	6.985	121.6E6	920.0E6	25.368	26.778
22)	Mirex	8.110	7.178	93886990	701.1E6	26.915	27.043

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

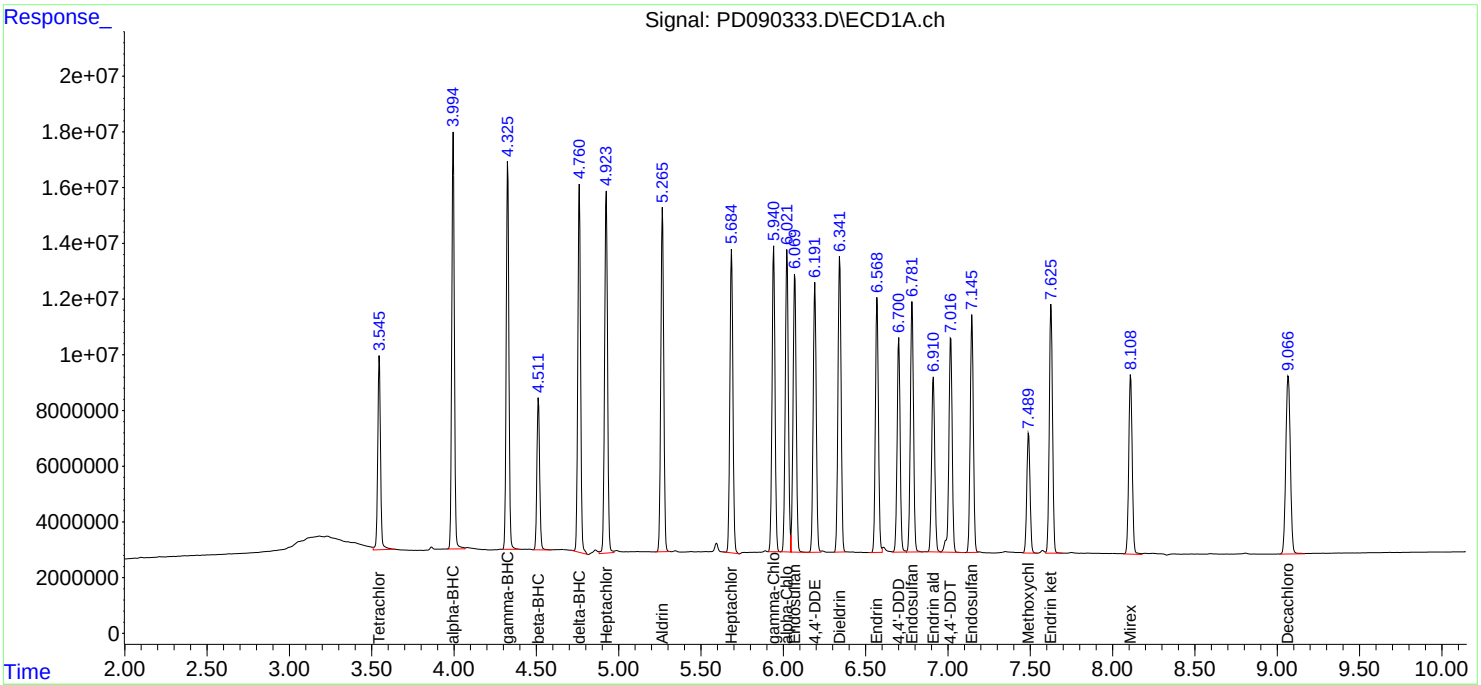
ICAL Form

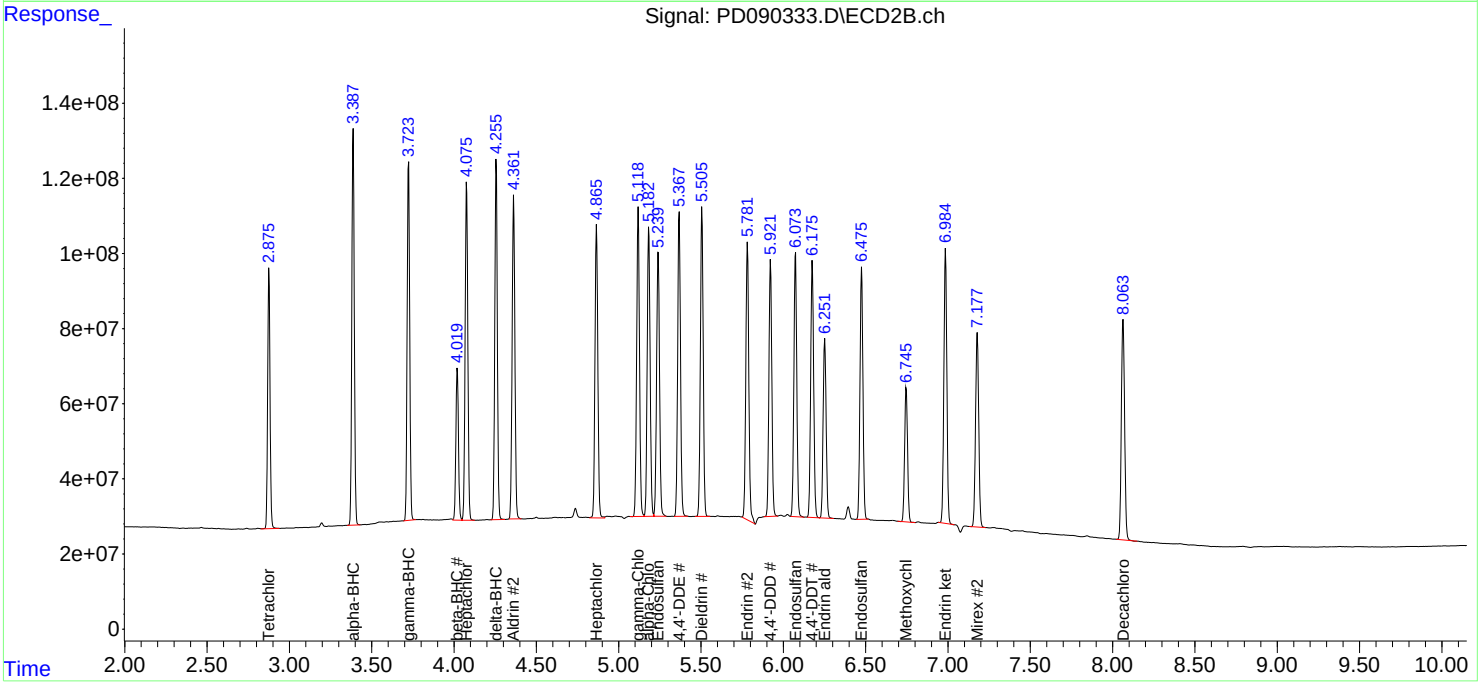
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 11:11
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 11:24
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial 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	2.876	17825803	159.9E6	5.732m	6.147
28)	SA Decachlor...	9.067	8.064	28924383	194.1E6	6.331	6.405
	Target Compounds						
2)	A alpha-BHC	3.995	3.388	32409405	246.0E6	4.677	5.874 #
3)	MA gamma-BHC...	4.326	3.724	31965550	230.5E6	4.899	5.927
4)	MA Heptachlor	4.923	4.076	33247136	235.0E6	5.126m	6.042
5)	MB Aldrin	5.266	4.362	31981202	226.7E6	5.130	5.922
6)	B beta-BHC	4.513	4.020	14541568	101.7E6	5.901	6.181
7)	B delta-BHC	4.760	4.256	30051030	232.7E6	4.669m	5.873 #
8)	B Heptachlo...	5.686	4.866	30902364	222.2E6	5.598	6.371
9)	A Endosulfan I	6.070	5.240	28890370	201.8E6	5.506	6.101
10)	B gamma-Chl...	5.941	5.119	29291567	225.3E6	5.245	6.002
11)	B alpha-Chl...	6.022	5.183	30398915	216.3E6	5.424	6.010
12)	B 4,4'-DDE	6.191	5.367	26114536	217.7E6	5.092	5.935m
13)	MA Dieldrin	6.342	5.505	29402820	224.1E6	5.196	6.000
14)	MA Endrin	6.569	5.781	25102642	207.6E6	5.240	6.103m
15)	B Endosulfa...	6.782	6.074	26078573	197.3E6	5.470	6.111
16)	A 4,4'-DDD	6.701	5.922	20863834	186.1E6	5.198	6.003
17)	MA 4,4'-DDT	7.016	6.176	22380902	188.5E6	5.118	5.670
18)	B Endrin al...	6.911	6.252	19263706	137.1E6	5.822	6.049
19)	B Endosulfa...	7.145	6.475	25098674	192.3E6	5.639	6.177
20)	A Methoxychlor	7.489	6.747	13357437	102.8E6	5.928	6.205
21)	B Endrin ke...	7.627	6.985	26444173	214.2E6	5.516	6.234
22)	Mirex	8.110	7.178	22153300	167.5E6	6.351	6.460

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 11:24
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

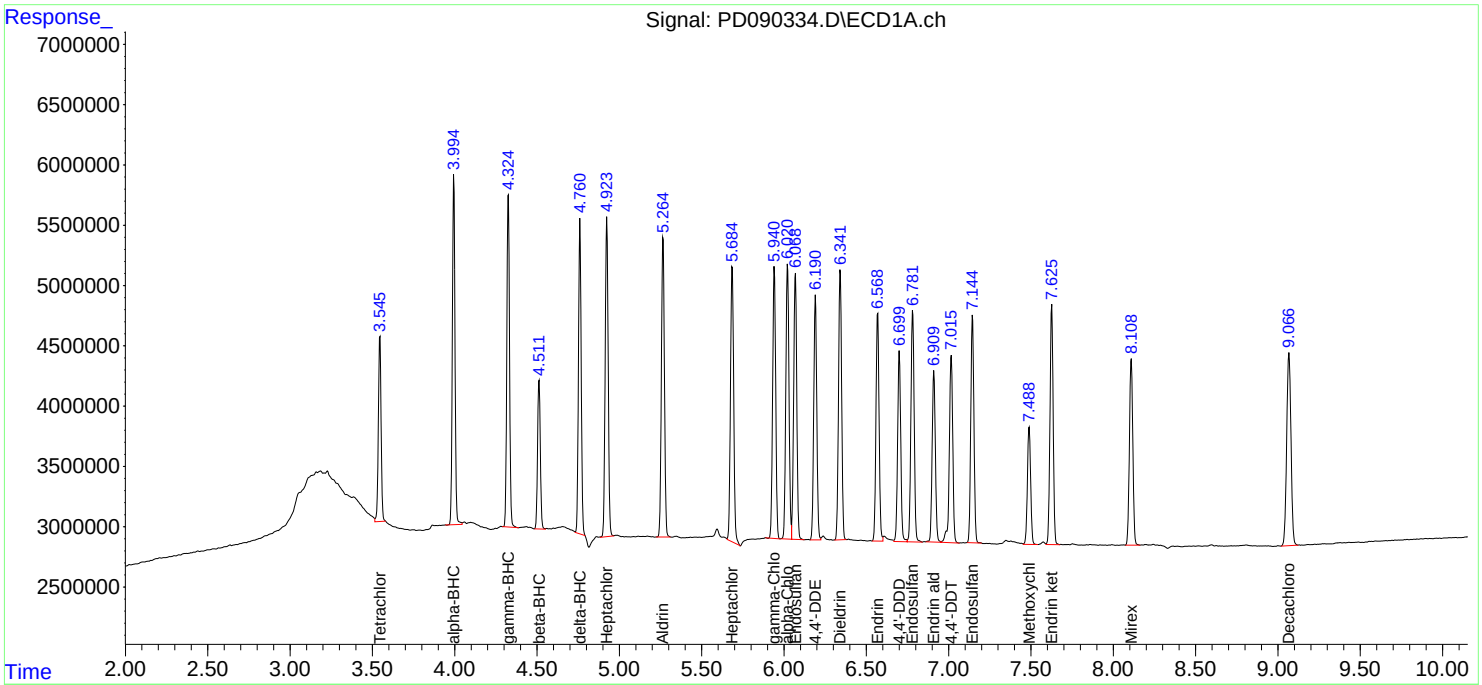
Instrument :
ECD_D
ClientSampleId :
PSTDICC005

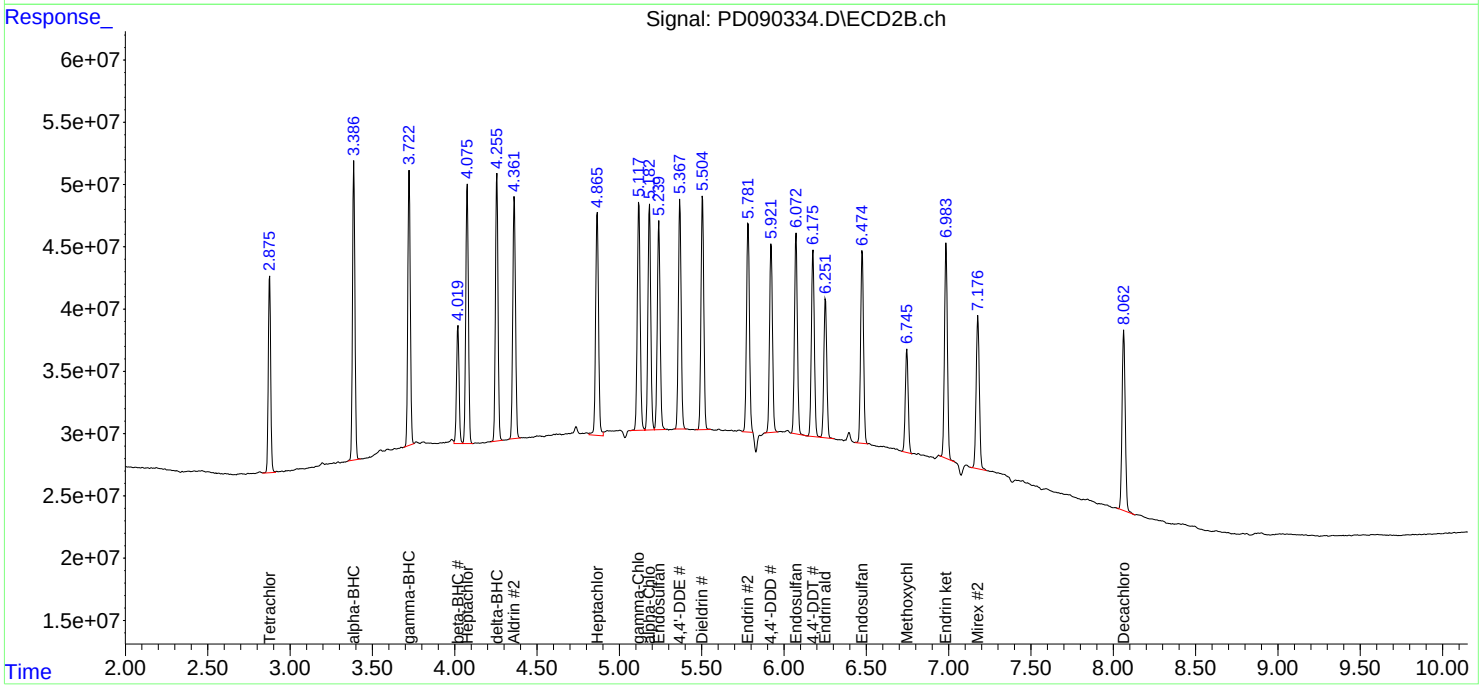
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:14:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 04:54:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 12:05
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: Sep 19 05:32:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:30:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.876	131.5E6	1423.2E6	50.000	50.000
28)	SA Decachlor...	9.067	8.064	198.1E6	1343.5E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.710	3.900	102.3E6	585.9E6	500.000	500.000
24)	Chlordane-2	5.237	4.481	102.7E6	605.6E6	500.000	500.000
25)	Chlordane-3	5.942	5.120	412.5E6	1831.3E6	500.000	500.000
26)	Chlordane-4	6.027	5.184	498.7E6	1568.9E6	500.000	500.000
27)	Chlordane-5	6.867	6.083	87350033	746.3E6	500.000	500.000

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

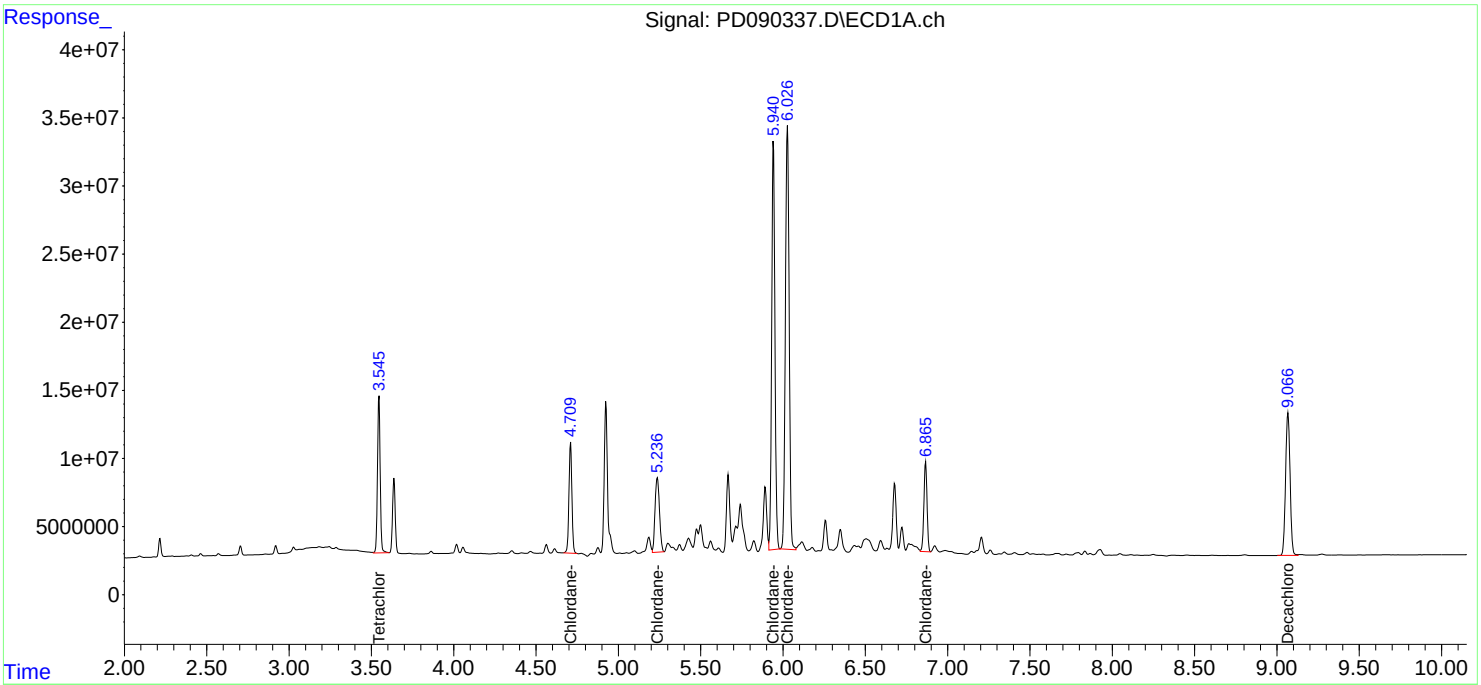
ICAL Form

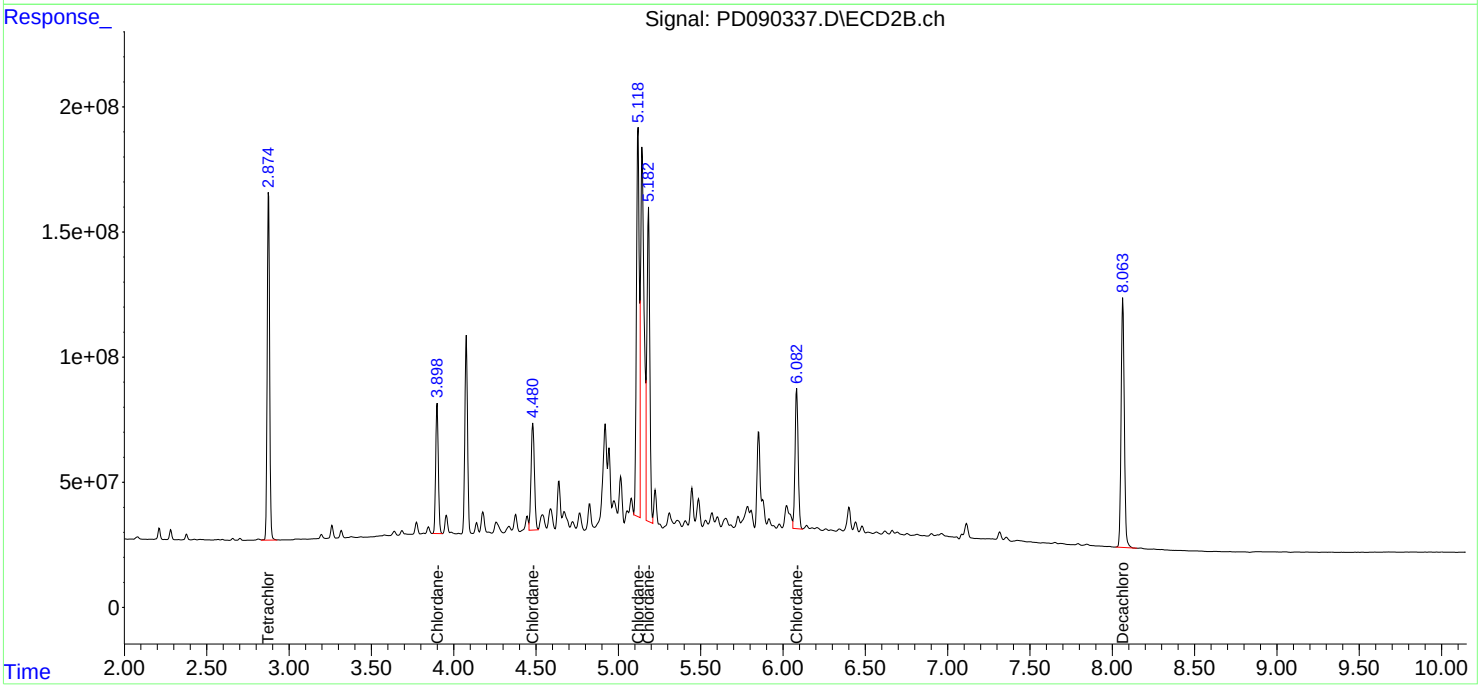
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 12:05
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:32:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:30:47 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 13:12
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: Sep 19 05:45:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:45:01 2025
Response via : Initial 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...	3.546	2.875	154.0E6	1316.4E6	50.000	50.000
7)	SA Decachlor...	9.067	8.064	232.3E6	1556.3E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.238	5.468	22194102	139.0E6	500.000	500.000
3)	Toxaphene-2	6.438	5.639	30241683	93586595	500.000	500.000
4)	Toxaphene-3	7.144	6.750	56828768	470.3E6	500.000	500.000
5)	Toxaphene-4	7.559	7.191	73223973	311.4E6	500.000	500.000
6)	Toxaphene-5	7.926	7.322	41700188	239.5E6	500.000	500.000

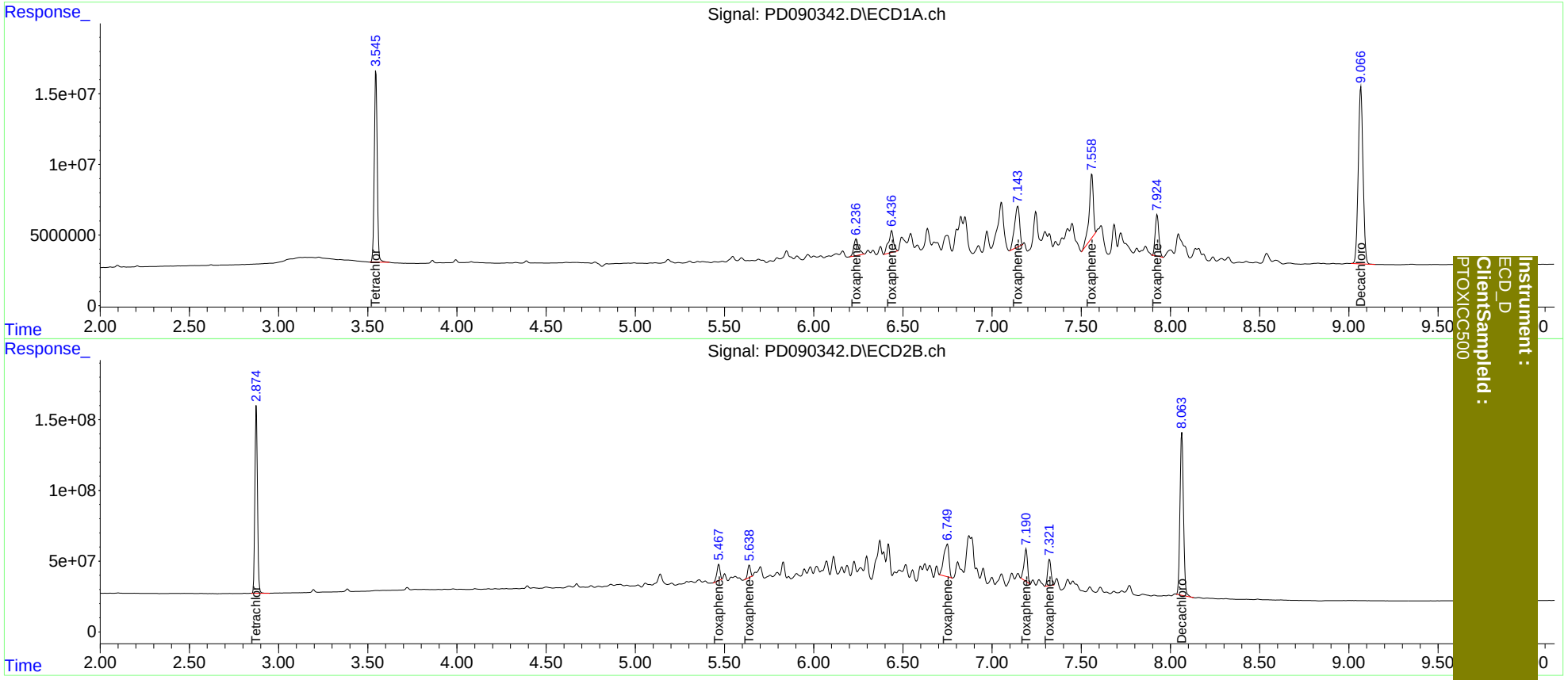
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 13:12
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: Sep 19 05:45:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:45:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 13:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD091825

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:54:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.876	157.4E6	1319.9E6	48.428	48.082
28)	SA Decachlor...	9.067	8.064	233.8E6	1568.0E6	48.465	48.375
	Target Compounds						
2)	A alpha-BHC	3.996	3.388	351.7E6	2123.5E6	50.350	48.500
3)	MA gamma-BHC...	4.326	3.724	330.8E6	1969.8E6	49.987	48.355
4)	MA Heptachlor	4.925	4.076	325.8E6	1968.1E6	49.274	48.335
5)	MB Aldrin	5.266	4.362	315.4E6	1930.2E6	49.669	48.334
6)	B beta-BHC	4.513	4.020	124.9E6	831.7E6	48.395	47.975
7)	B delta-BHC	4.760	4.256	323.6E6	2001.0E6	50.107m	48.457
8)	B Heptachlo...	5.687	4.866	279.1E6	1766.9E6	48.842	47.930
9)	A Endosulfan I	6.070	5.240	265.5E6	1670.3E6	49.149	48.268
10)	B gamma-Chl...	5.942	5.119	282.7E6	1894.5E6	49.490	48.224
11)	B alpha-Chl...	6.023	5.183	283.5E6	1815.3E6	49.204	48.195
12)	B 4,4'-DDE	6.192	5.368	259.4E6	1854.9E6	49.812	48.458
13)	MA Dieldrin	6.343	5.506	286.4E6	1884.9E6	49.683	48.397
14)	MA Endrin	6.570	5.782	242.8E6	1721.2E6	49.612	48.036
15)	B Endosulfa...	6.782	6.074	246.0E6	1633.1E6	50.439	48.386
16)	A 4,4'-DDD	6.702	5.923	204.5E6	1574.5E6	49.914	48.554
17)	MA 4,4'-DDT	7.017	6.177	223.7E6	1690.5E6	50.245	49.173
18)	B Endrin al...	6.912	6.252	171.2E6	1146.7E6	49.898	48.698
19)	B Endosulfa...	7.146	6.476	226.4E6	1576.6E6	49.206	48.229
20)	A Methoxychlor	7.490	6.747	115.7E6	851.6E6	49.103	48.941
21)	B Endrin ke...	7.626	6.985	244.7E6	1750.8E6	49.463	48.494
22)	Mirex	8.109	7.178	179.2E6	1323.1E6	48.364	47.928

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 13:53
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

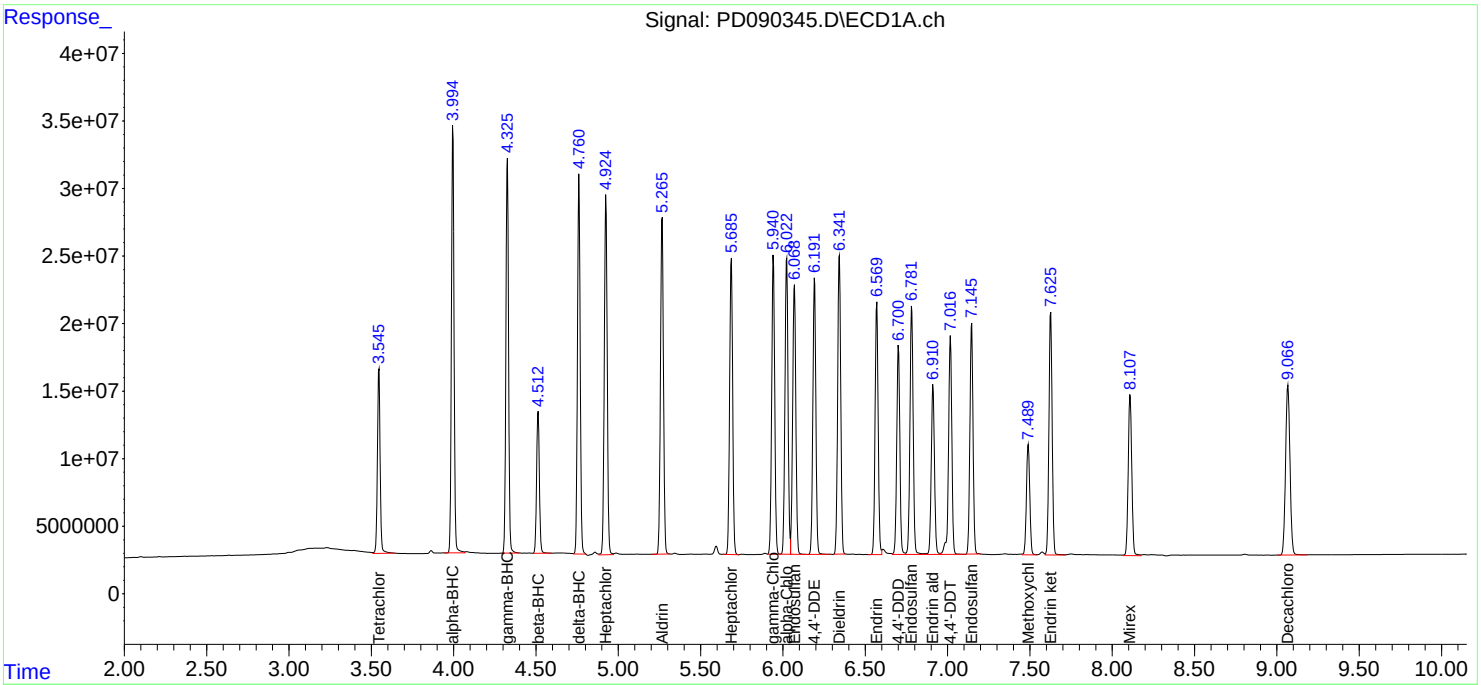
Instrument :
ECD_D
ClientSampleId :
ICVPD091825

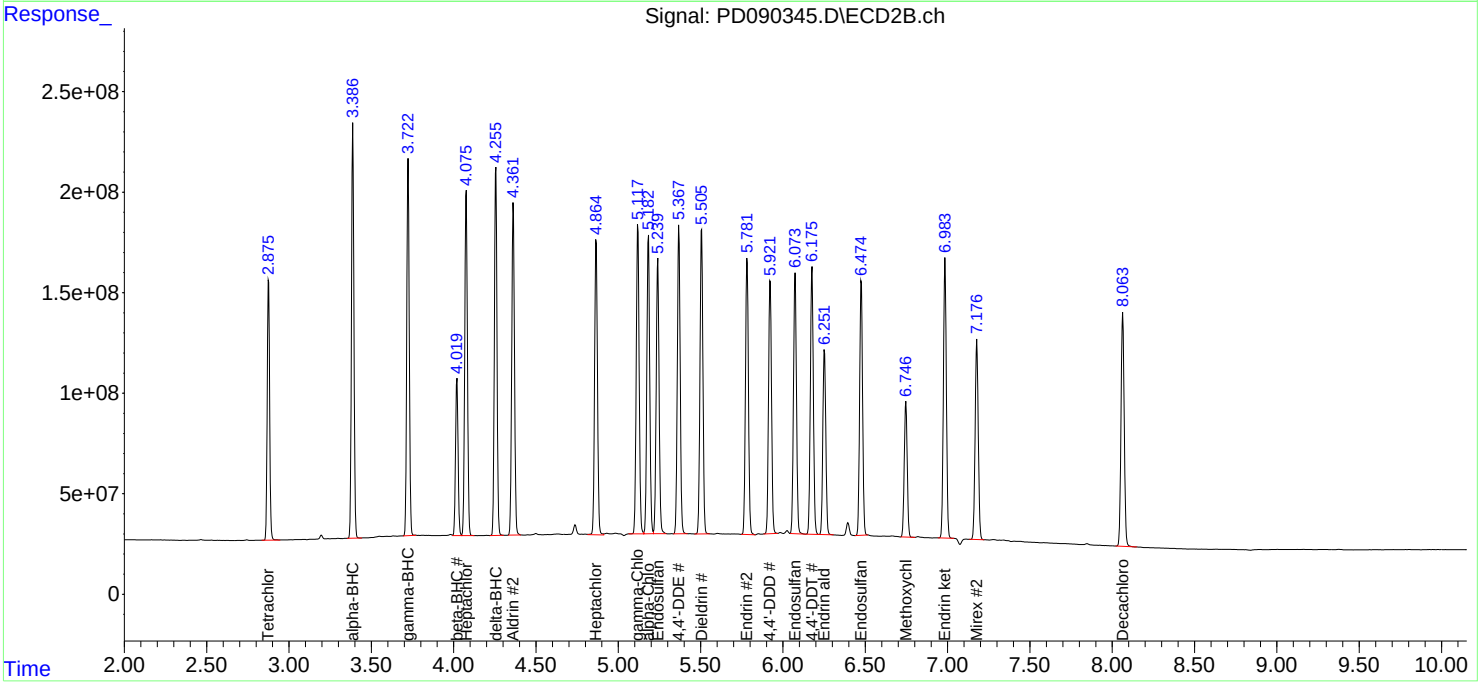
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:54:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 14:07
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD091825CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:38:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:37:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.875	129.1E6	1402.8E6	47.340	47.897
28)	SA Decachlor...	9.068	8.064	194.3E6	1309.0E6	47.267	47.285
	Target Compounds						
23)	Chlordane-1	4.710	3.899	100.8E6	576.9E6	479.474	479.360
24)	Chlordane-2	5.237	4.481	102.1E6	593.4E6	475.722	474.577
25)	Chlordane-3	5.942	5.119	409.5E6	1812.3E6	489.211	478.119
26)	Chlordane-4	6.027	5.183	494.7E6	1533.5E6	484.786	470.960
27)	Chlordane-5	6.867	6.083	86799597	733.2E6	487.543	483.129

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

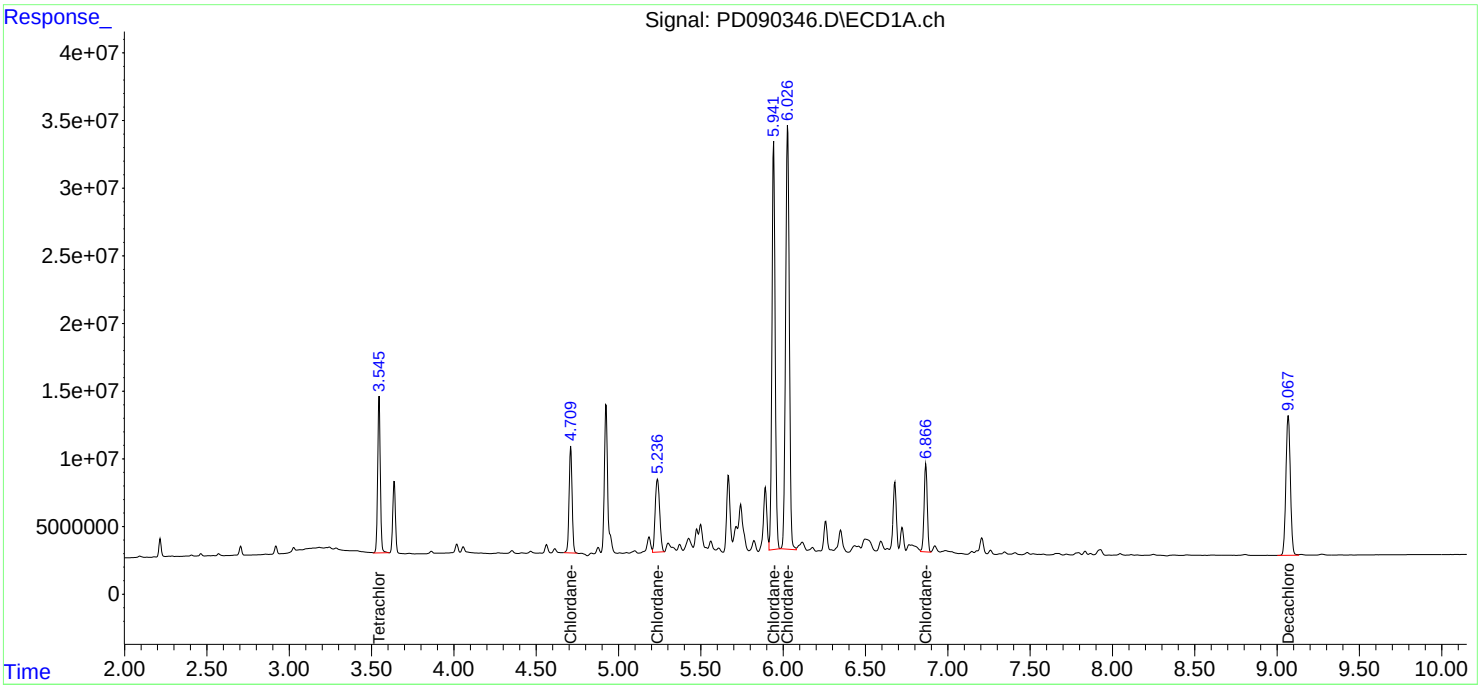
ICAL Form

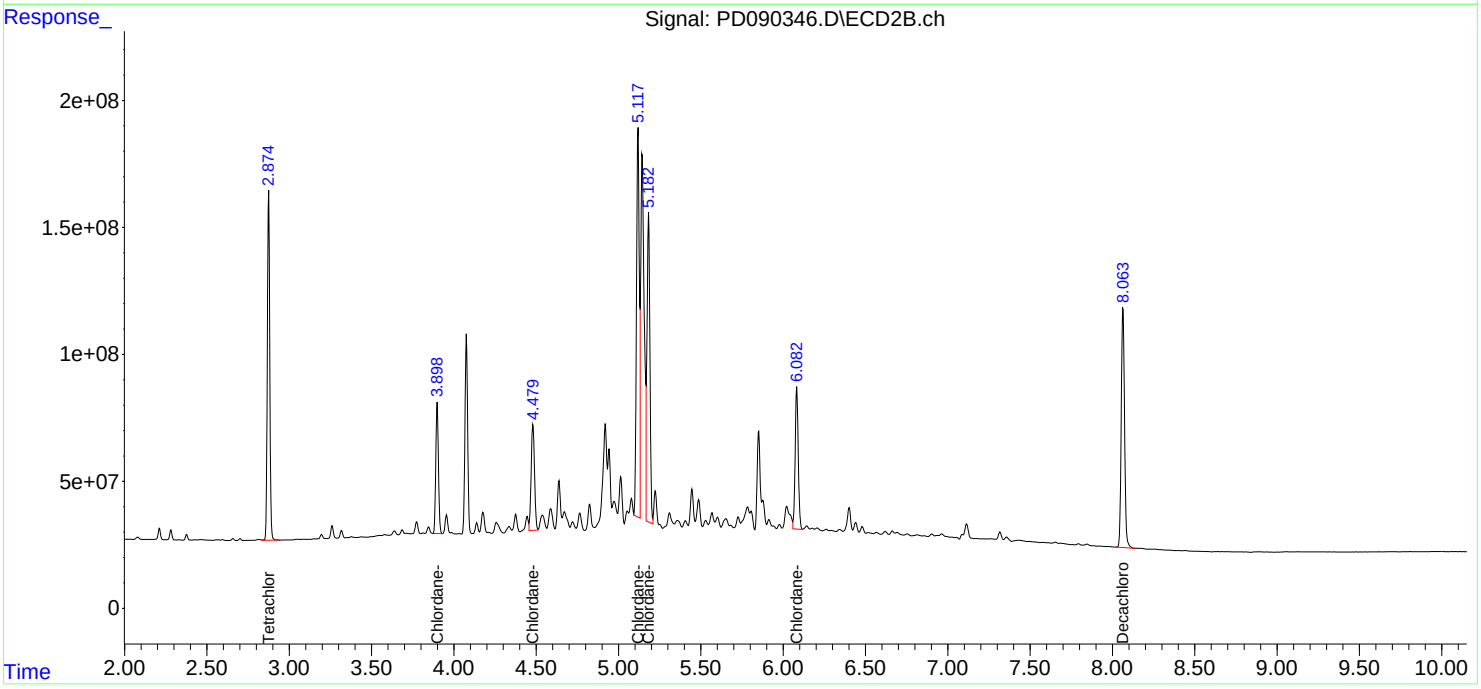
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 14:07
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD091825CHLOR

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:38:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:37:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 15:21
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
ICVPD091825TOX

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:50:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:49:20 2025
Response via : Initial 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...	3.554	2.875	149.7E6	1282.2E6	49.762	49.788
7)	SA Decachlor...	9.079	8.067	232.6E6	1556.5E6	50.916	51.307
	Target Compounds						
2)	Toxaphene-1	6.247	5.470	21756033	134.0E6	492.616	495.333
3)	Toxaphene-2	6.447	5.641	29840377	89582946	498.356	498.830
4)	Toxaphene-3	7.154	6.753	56224977	461.1E6	504.212	514.813
5)	Toxaphene-4	7.569	7.194	71351974	306.1E6	500.438	509.297
6)	Toxaphene-5	7.933	7.325	41788434	239.3E6	512.136m	531.200

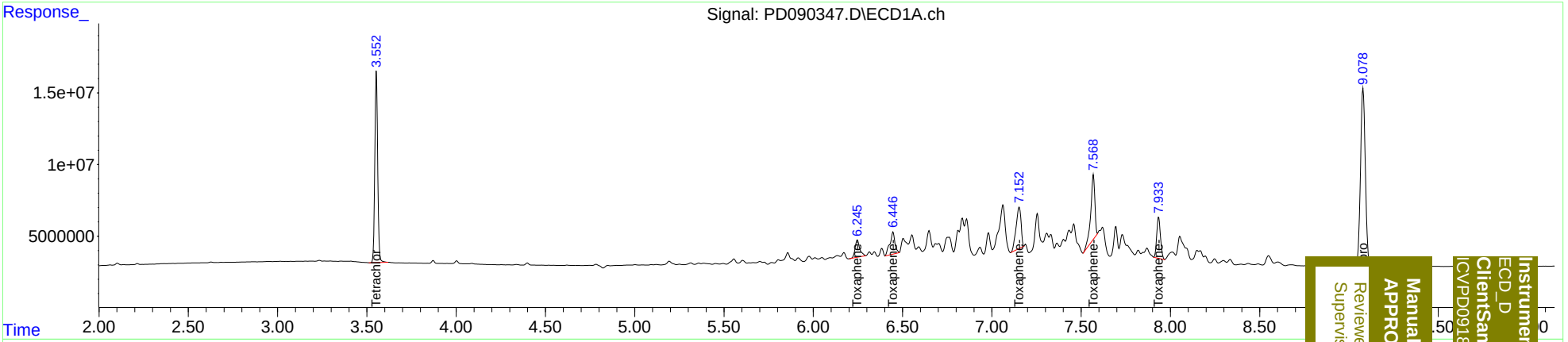
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

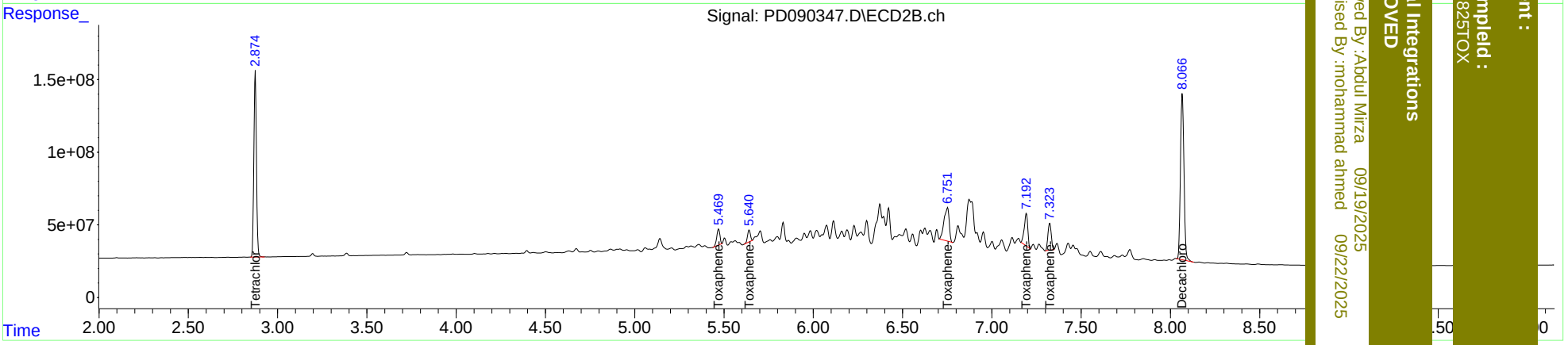
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 15:21
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: Sep 19 05:50:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\DTX091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:49:20 2025
Response via : Initial 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 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Instrument :
ECD_D
ClientSampleId :
ICVPD091825TOX

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L
Contract: LANG01
SDG NO.: Q3323
Calibration Date(s): 10/07/2025 10/07/2025
Calibration Times: 10:33 11:55

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

LAB FILE ID: RT 100 = PL097526.D RT 075 = PL097527.D
RT 050 = PL097528.D RT 025 = PL097529.D RT 005 = PL097530.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
4,4'-DDE	6.15	6.15	6.15	6.15	6.15	6.15	6.05	6.25
4,4'-DDT	6.98	6.98	6.98	6.98	6.98	6.97	6.87	7.07
Aldrin	5.23	5.23	5.23	5.23	5.23	5.23	5.13	5.33
alpha-BHC	3.97	3.97	3.97	3.97	3.97	3.97	3.87	4.07
alpha-Chlordane	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
beta-BHC	4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Decachlorobiphenyl	9.00	9.00	9.00	9.00	9.00	9.00	8.90	9.10
delta-BHC	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Dieldrin	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Endosulfan I	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Endosulfan II	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Endosulfan sulfate	7.10	7.10	7.10	7.10	7.10	7.10	7.00	7.20
Endrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endrin aldehyde	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Endrin ketone	7.58	7.58	7.58	7.58	7.58	7.58	7.48	7.68
gamma-BHC (Lindane)	4.30	4.30	4.30	4.30	4.30	4.30	4.20	4.40
gamma-Chlordane	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Heptachlor	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Heptachlor epoxide	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Methoxychlor	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
Tetrachloro-m-xylene	3.53	3.52	3.53	3.53	3.53	3.52	3.42	3.62

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L
Contract: LANG01
SDG NO.: Q3323
Calibration Date(s): 10/07/2025 10/07/2025
Calibration Times: 10:33 11:55

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

LAB FILE ID: RT 100 = PL097526.D RT 075 = PL097527.D
RT 050 = PL097528.D RT 025 = PL097529.D RT 005 = PL097530.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
4,4'-DDD	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
4,4'-DDE	5.29	5.29	5.30	5.30	5.29	5.29	5.19	5.39
4,4'-DDT	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aldrin	4.29	4.29	4.29	4.29	4.29	4.29	4.19	4.39
alpha-BHC	3.33	3.33	3.33	3.33	3.33	3.33	3.23	3.43
alpha-Chlordane	5.11	5.11	5.11	5.11	5.10	5.11	5.01	5.21
beta-BHC	3.96	3.96	3.96	3.96	3.96	3.95	3.85	4.05
Decachlorobiphenyl	7.98	7.98	7.98	7.98	7.98	7.98	7.88	8.08
delta-BHC	4.19	4.19	4.19	4.19	4.19	4.19	4.09	4.29
Dieldrin	5.43	5.43	5.43	5.43	5.43	5.43	5.33	5.53
Endosulfan I	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Endosulfan II	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Endosulfan sulfate	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Endrin	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Endrin aldehyde	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Endrin ketone	6.90	6.90	6.90	6.90	6.90	6.90	6.80	7.00
gamma-BHC (Lindane)	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76
gamma-Chlordane	5.04	5.04	5.04	5.04	5.04	5.04	4.94	5.14
Heptachlor	4.01	4.01	4.01	4.01	4.01	4.01	3.91	4.11
Heptachlor epoxide	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Methoxychlor	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Tetrachloro-m-xylene	2.82	2.82	2.82	2.82	2.82	2.82	2.72	2.92

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: LANG01
SDG NO.: Q3323
Calibration Date(s): 10/07/2025 10/07/2025
Calibration Times: 10:33 11:55

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

LAB FILE ID: **CF 100 =** PL097526.D **CF 075 =** PL097527.D
CF 050 = PL097528.D **CF 025 =** PL097529.D **CF 005 =** PL097530.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3783520000	3735790000	3836440000	3741690000	3770050000	3773500000	1
4,4'-DDE	4769720000	4759010000	4659840000	4581780000	4515640000	4657200000	2
4,4'-DDT	4158660000	4086470000	4066920000	4052430000	3909040000	4054710000	2
Aldrin	6100180000	6021960000	5978240000	6004420000	5958610000	6012680000	1
alpha-BHC	7057770000	6888230000	6778270000	6677840000	6326260000	6745680000	4
alpha-Chlordane	5353290000	5303430000	5334480000	5467810000	5673330000	5426470000	3
beta-BHC	2559030000	2540680000	2560440000	2620670000	2646530000	2585470000	2
Decachlorobiphenyl	2806950000	2848090000	2915160000	3035350000	3262730000	2973660000	6
delta-BHC	6161670000	6066620000	6020720000	6020370000	6093700000	6072620000	1
Dieldrin	5325080000	5250780000	5231620000	5259220000	5235730000	5260490000	1
Endosulfan I	4917900000	4878480000	4901240000	5022330000	5137180000	4971420000	2
Endosulfan II	4422070000	4556670000	4577300000	4802660000	6101860000	4892110000	14
Endosulfan sulfate	3911300000	3900330000	3938060000	4073730000	4226080000	4009900000	3
Endrin	4509120000	4507230000	4463320000	4443310000	4448560000	4474310000	1
Endrin aldehyde	3165060000	3153360000	3209030000	3315700000	3540440000	3276720000	5
Endrin ketone	4226710000	4197910000	4228440000	4385050000	4370480000	4281720000	2
gamma-BHC (Lindane)	6564350000	6445110000	6376450000	6329620000	6065990000	6356310000	3
gamma-Chlordane	5429110000	5433580000	5370180000	5512260000	5391960000	5427420000	1
Heptachlor	6459360000	6362530000	6415150000	6555100000	6461320000	6450690000	1
Heptachlor epoxide	5410720000	5607600000	5590350000	5882200000	6620370000	5822250000	8
Methoxychlor	1993250000	2095700000	2001910000	2102020000	2252130000	2089000000	5
Tetrachloro-m-xylene	4057850000	4039070000	4058380000	4076200000	4152120000	4076720000	1

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: LANG01
SDG NO.: Q3323
Calibration Date(s): 10/07/2025 10/07/2025
Calibration Times: 10:33 11:55

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

LAB FILE ID: **CF 100 =** PL097526.D **CF 075 =** PL097527.D
CF 050 = PL097528.D **CF 025 =** PL097529.D **CF 005 =** PL097530.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6363530000	6423620000	6340540000	6352240000	6414460000	6378880000	1
4,4'-DDE	7768680000	7645780000	7550200000	7588550000	7409020000	7592450000	2
4,4'-DDT	6841050000	6803500000	6637840000	6652330000	6382250000	6663390000	3
Aldrin	8766150000	8705210000	8635070000	8657680000	8595010000	8671830000	1
alpha-BHC	10279400000	10079800000	9958260000	9819180000	9198160000	9866970000	4
alpha-Chlordane	8144420000	8211300000	8127490000	8435120000	8717860000	8327240000	3
beta-BHC	3856560000	3825760000	3870120000	4044470000	4293830000	3978150000	5
Decachlorobiphenyl	4790770000	4878130000	4964040000	5287180000	6025240000	5189070000	10
delta-BHC	9345060000	9200770000	9073180000	9002200000	8548720000	9033990000	3
Dieldrin	8065300000	8399370000	8165250000	8096170000	8615460000	8268310000	3
Endosulfan I	7264600000	6965080000	7193960000	7596220000	7851830000	7374340000	5
Endosulfan II	6727550000	6799990000	6773690000	7041530000	7182230000	6905000000	3
Endosulfan sulfate	6373610000	6493820000	6492610000	6787240000	7141880000	6657830000	5
Endrin	7139620000	7398350000	7208020000	7256580000	8004750000	7401460000	5
Endrin aldehyde	5031190000	5120350000	5235930000	5694060000	7710960000	5758500000	19
Endrin ketone	7064800000	8038380000	7654960000	7625480000	9115720000	7899870000	10
gamma-BHC (Lindane)	9445390000	9303450000	9218050000	9168550000	8800820000	9187250000	3
gamma-Chlordane	8467390000	8545470000	8460560000	8844200000	9148230000	8693170000	3
Heptachlor	9131850000	9119150000	9130340000	9236480000	9343400000	9192240000	1
Heptachlor epoxide	7728450000	7679940000	7764190000	7977750000	8339470000	7897960000	3
Methoxychlor	3422660000	3497520000	3535950000	3751710000	4018250000	3645220000	7
Tetrachloro-m-xylene	6022720000	5973970000	5995720000	6061780000	6377890000	6086420000	3

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Instrument ID: ECD_L **Date(s) Analyzed:** 10/07/2025 10/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	6.20	6.10	6.30	39237900
		2	6.60	6.50	6.70	31957100
		3	7.01	6.91	7.11	141164000
		4	7.10	7.00	7.20	103403000
		5	7.88	7.78	7.98	74016500

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Instrument ID: ECD_L **Date(s) Analyzed:** 10/07/2025 10/07/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	500	1	5.06	4.96	5.16	43648800
		2	5.75	5.65	5.85	54814100
		3	6.03	5.93	6.13	56569500
		4	6.66	6.56	6.76	172263000
		5	7.10	7.00	7.20	104730000

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 10:33
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 07 11:27:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:25:02 2025
Response via : Initial 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	405.8E6	602.3E6	99.993	100.225
28)	SA Decachlor...	8.995	7.980	280.7E6	479.1E6	98.109	98.224
	Target Compounds						
2)	A alpha-BHC	3.971	3.327	705.8E6	1027.9E6	102.020	101.587
3)	MA gamma-BHC...	4.299	3.659	656.4E6	944.5E6	101.452	101.218
4)	MA Heptachlor	4.890	4.006	645.9E6	913.2E6	100.343	100.008
5)	MB Aldrin	5.229	4.288	610.0E6	876.6E6	101.010	100.753
6)	B beta-BHC	4.487	3.955	255.9E6	385.7E6	99.972	99.825
7)	B delta-BHC	4.732	4.187	616.2E6	934.5E6	101.157	101.476
8)	B Heptachlo...	5.648	4.790	541.1E6	772.8E6	98.367	99.769
9)	A Endosulfan I	6.029	5.161	491.8E6	726.5E6	100.170	100.489
10)	B gamma-Chl...	5.902	5.042	542.9E6	846.7E6	100.546	100.040
11)	B alpha-Chl...	5.982	5.106	535.3E6	814.4E6	100.176	100.104
12)	B 4,4'-DDE	6.152	5.294	477.0E6	776.9E6	101.165	101.426
13)	MA Dieldrin	6.302	5.425	532.5E6	806.5E6	100.885	99.384
14)	MA Endrin	6.528	5.699	450.9E6	714.0E6	100.510	99.523
15)	B Endosulfa...	6.741	5.991	442.2E6	672.8E6	98.275	99.658
16)	A 4,4'-DDD	6.661	5.846	378.4E6	636.4E6	99.305	100.181
17)	MA 4,4'-DDT	6.975	6.099	415.9E6	684.1E6	101.115	101.508
18)	B Endrin al...	6.870	6.169	316.5E6	503.1E6	99.310	98.006
19)	B Endosulfa...	7.104	6.393	391.1E6	637.4E6	99.659	99.075
20)	A Methoxychlor	7.448	6.671	199.3E6	342.3E6	99.783	98.372
21)	B Endrin ke...	7.583	6.897	422.7E6	706.5E6	99.979	95.991
22)	Mirex	8.060	7.085	285.5E6	487.6E6	97.441	97.818

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

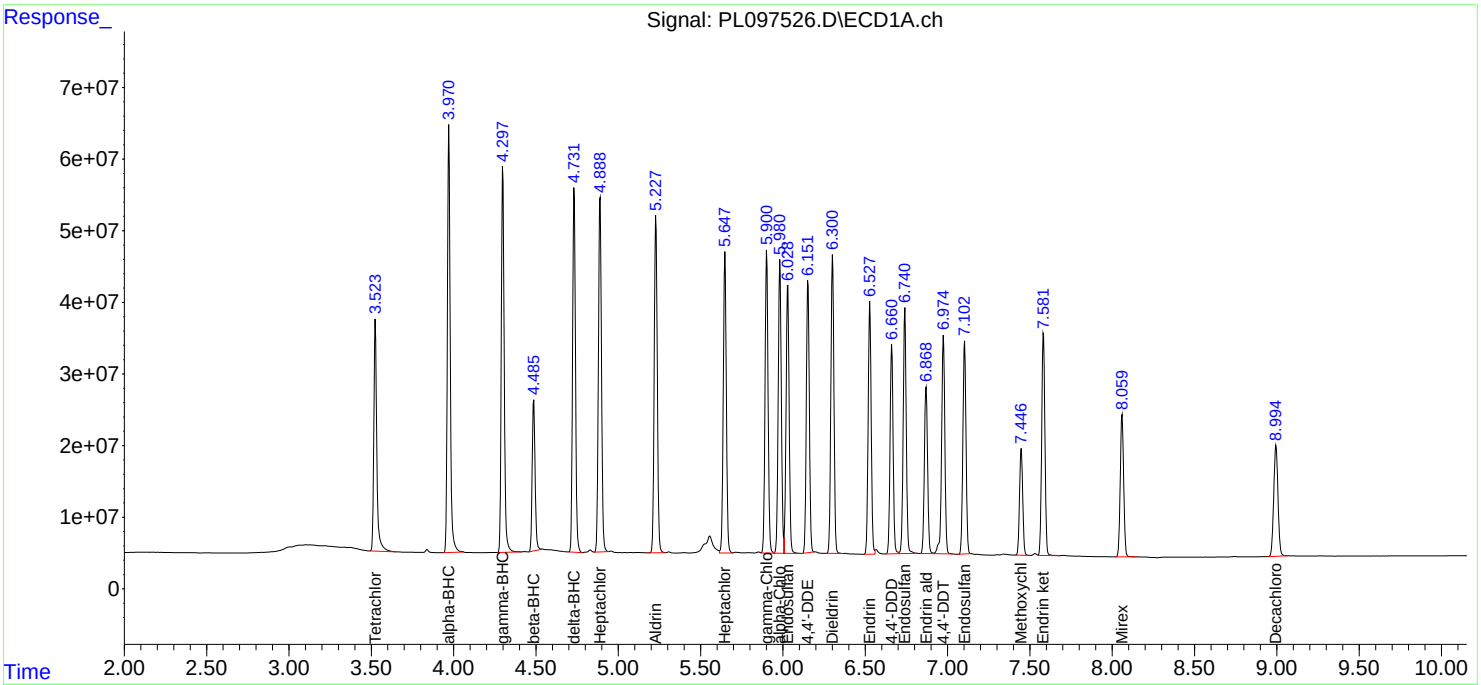
ICAL Form

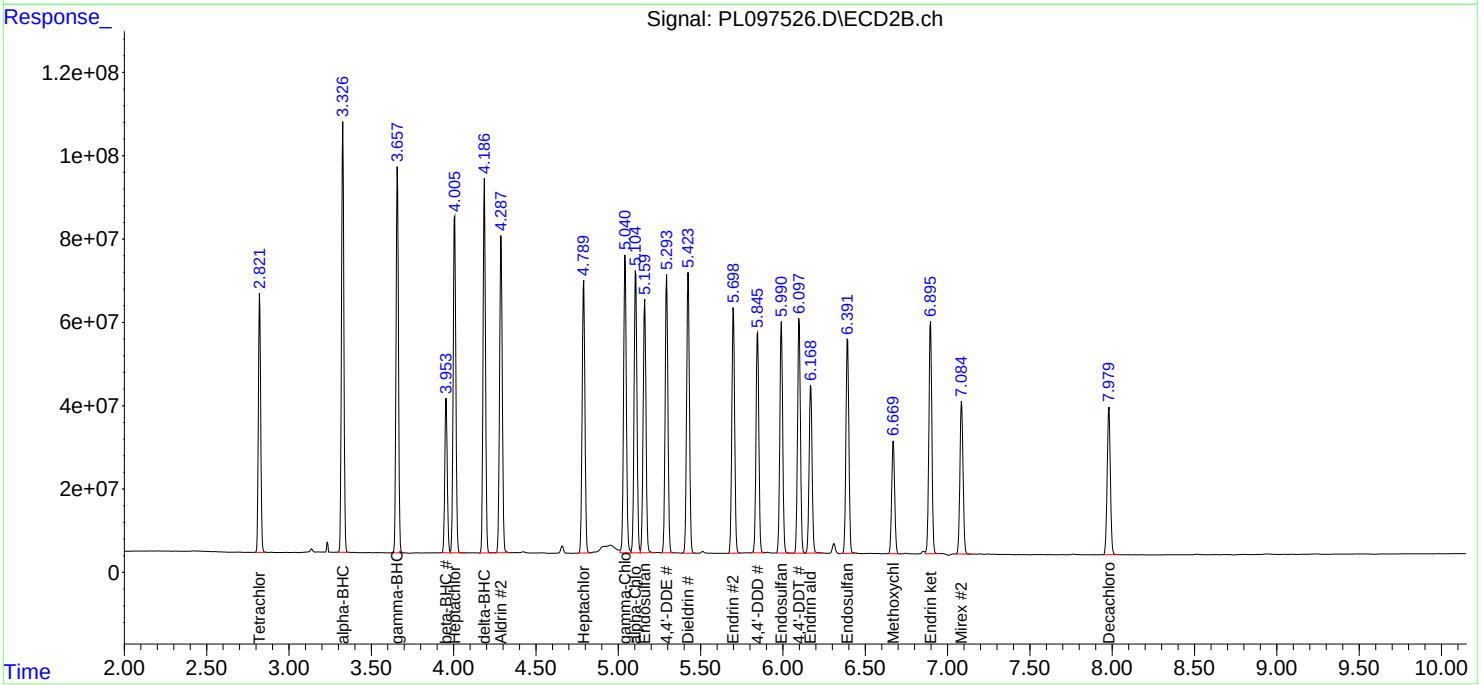
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097526.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 10:33
Operator : AR\AJ
Sample : PSTDICC100
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC100

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:27:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:25:02 2025
Response via : Initial 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 10:47
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:30:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:25:02 2025
Response via : Initial 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	302.9E6	448.0E6	74.765	74.706
28) SA	Decachlor...	8.996	7.980	213.6E6	365.9E6	74.773	75.007
	Target Compounds						
2) A	alpha-BHC	3.971	3.327	516.6E6	756.0E6	74.784	74.807
3) MA	gamma-BHC...	4.299	3.659	483.4E6	697.8E6	74.804	74.848
4) MA	Heptachlor	4.890	4.006	477.2E6	683.9E6	74.417	74.935
5) MB	Aldrin	5.229	4.288	451.6E6	652.9E6	74.857	75.026
6) B	beta-BHC	4.487	3.955	190.6E6	286.9E6	74.627	74.512
7) B	delta-BHC	4.732	4.187	455.0E6	690.1E6	74.798	74.955
8) B	Heptachlo...	5.646	4.790	420.6E6	576.0E6	75.990m	74.570
9) A	Endosulfan I	6.028	5.161	365.9E6	522.4E6	74.442m	73.150
10) B	gamma-Chl...	5.901	5.042	407.5E6	640.9E6	75.493m	75.480
11) B	alpha-Chl...	5.980	5.106	397.8E6	615.8E6	74.338m	75.462
12) B	4,4'-DDE	6.153	5.294	356.9E6	573.4E6	75.468	74.911
13) MA	Dieldrin	6.302	5.425	393.8E6	630.0E6	74.738	76.730
14) MA	Endrin	6.526	5.700	338.0E6	554.9E6	75.358m	76.549
15) B	Endosulfa...	6.742	5.992	341.8E6	510.0E6	75.631	75.365
16) A	4,4'-DDD	6.660	5.847	280.2E6	481.8E6	73.939m	75.561
17) MA	4,4'-DDT	6.975	6.099	306.5E6	510.3E6	74.679	75.474
18) B	Endrin al...	6.870	6.170	236.5E6	384.0E6	74.470	74.871
19) B	Endosulfa...	7.104	6.393	292.5E6	487.0E6	74.689	75.470
20) A	Methoxychlor	7.447	6.670	157.2E6	262.3E6	77.591m	75.261
21) B	Endrin ke...	7.583	6.897	314.8E6	602.9E6	74.648	79.472
22)	Mirex	8.061	7.086	217.5E6	373.6E6	74.492	74.976

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097527.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 10:47
Operator : AR\AJ
Sample : PSTDICC075
Misc :
ALS Vial : 6 Sample Multiplier: 1

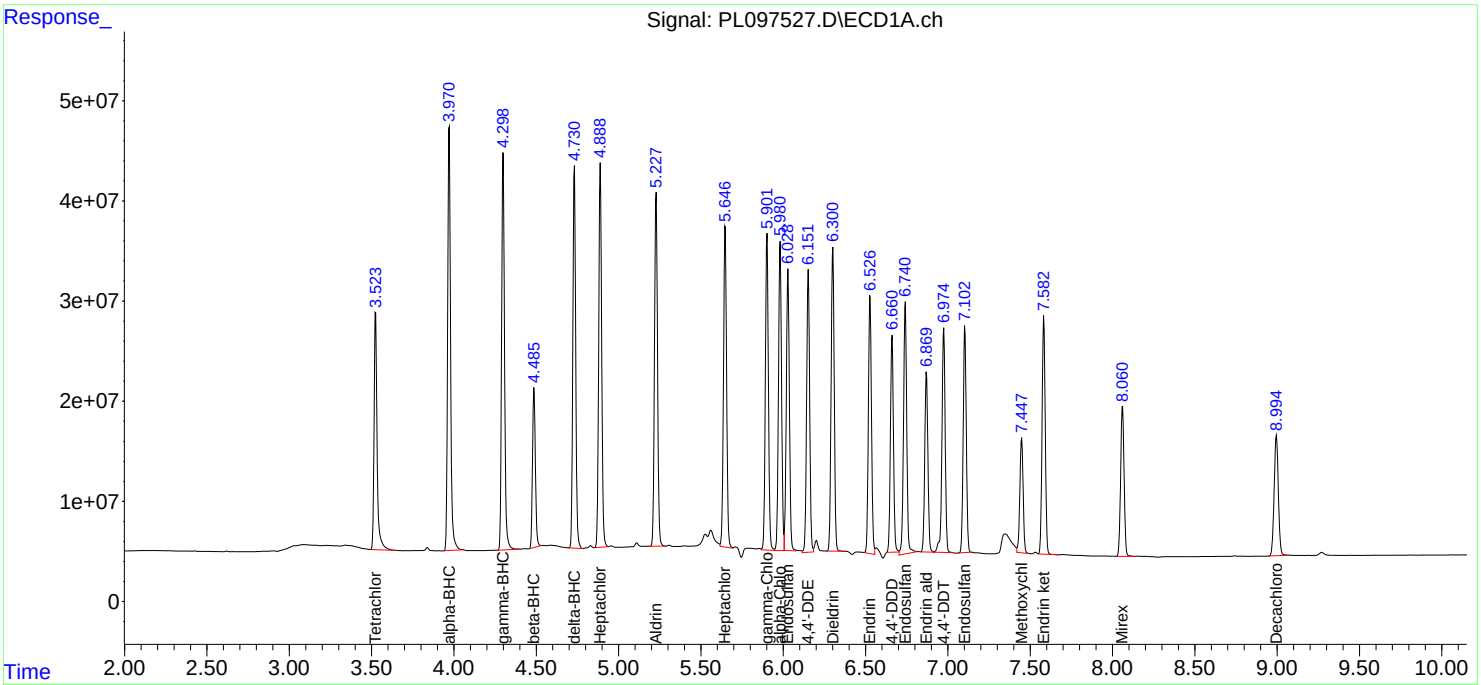
Instrument :
ECD_L
ClientSampleId :
PSTDICC075

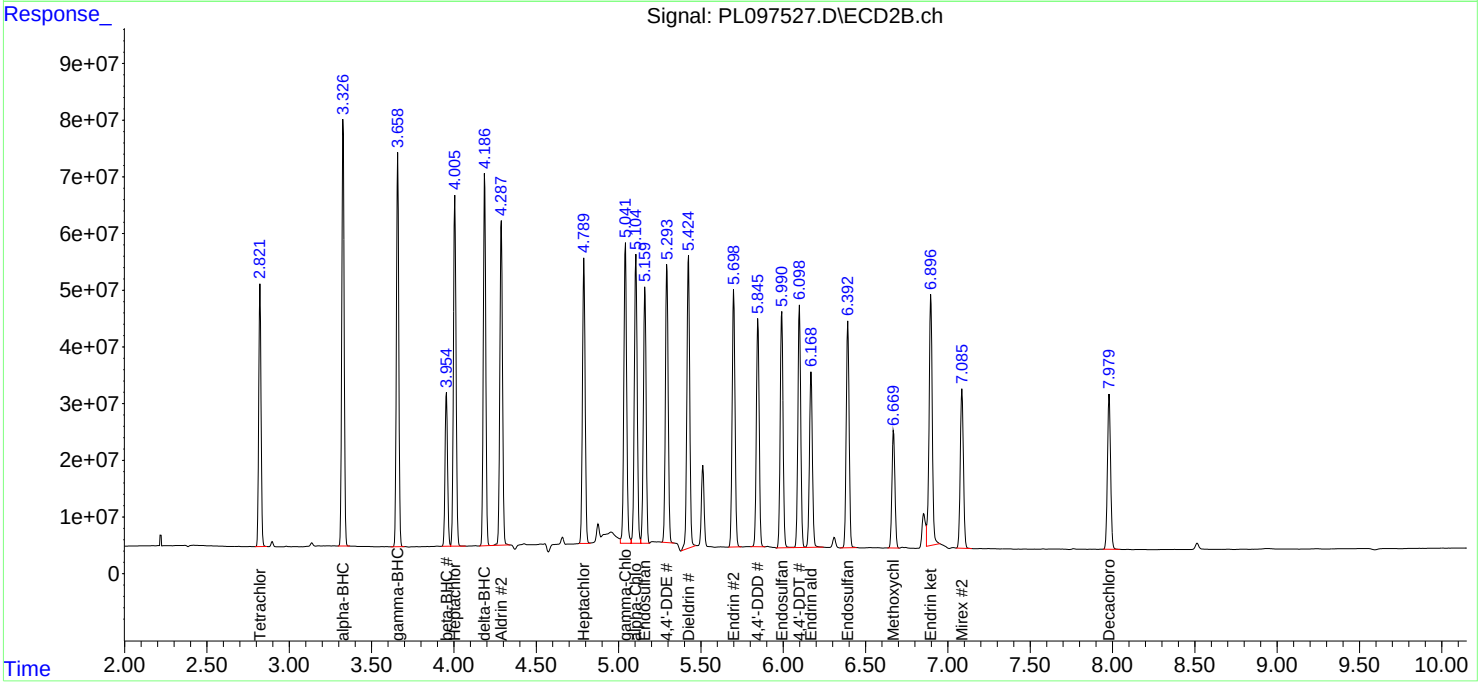
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:30:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:25:02 2025
Response via : Initial 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:00
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 07 11:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:25:02 2025
Response via : Initial 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	2.823	202.9E6	299.8E6	50.000	50.000
28)	SA Decachlor...	8.995	7.980	145.8E6	248.2E6	50.000	50.000
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	338.9E6	497.9E6	50.000	50.000
3)	MA gamma-BHC...	4.300	3.659	318.8E6	460.9E6	50.000	50.000
4)	MA Heptachlor	4.890	4.007	320.8E6	456.5E6	50.000	50.000
5)	MB Aldrin	5.229	4.288	298.9E6	431.8E6	50.000	50.000
6)	B beta-BHC	4.487	3.955	128.0E6	193.5E6	50.000	50.000
7)	B delta-BHC	4.732	4.187	301.0E6	453.7E6	50.000	50.000
8)	B Heptachlo...	5.648	4.790	279.5E6	388.2E6	50.000	50.000
9)	A Endosulfan I	6.030	5.161	245.1E6	359.7E6	50.000	50.000
10)	B gamma-Chl...	5.902	5.042	268.5E6	423.0E6	50.000	50.000
11)	B alpha-Chl...	5.982	5.106	266.7E6	406.4E6	50.000	50.000
12)	B 4,4'-DDE	6.153	5.295	233.0E6	377.5E6	50.000	50.000
13)	MA Dieldrin	6.302	5.425	261.6E6	408.3E6	50.000	50.000
14)	MA Endrin	6.528	5.699	223.2E6	360.4E6	50.000	50.000
15)	B Endosulfa...	6.741	5.991	228.9E6	338.7E6	50.000	50.000
16)	A 4,4'-DDD	6.661	5.846	191.8E6	317.0E6	50.000	50.000
17)	MA 4,4'-DDT	6.975	6.099	203.3E6	331.9E6	50.000	50.000
18)	B Endrin al...	6.871	6.169	160.5E6	261.8E6	50.000	50.000
19)	B Endosulfa...	7.104	6.393	196.9E6	324.6E6	50.000	50.000
20)	A Methoxychlor	7.448	6.671	100.1E6	176.8E6	50.000	50.000
21)	B Endrin ke...	7.583	6.897	211.4E6	382.7E6	50.000	50.000
22)	Mirex	8.061	7.086	150.2E6	254.7E6	50.000	50.000

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

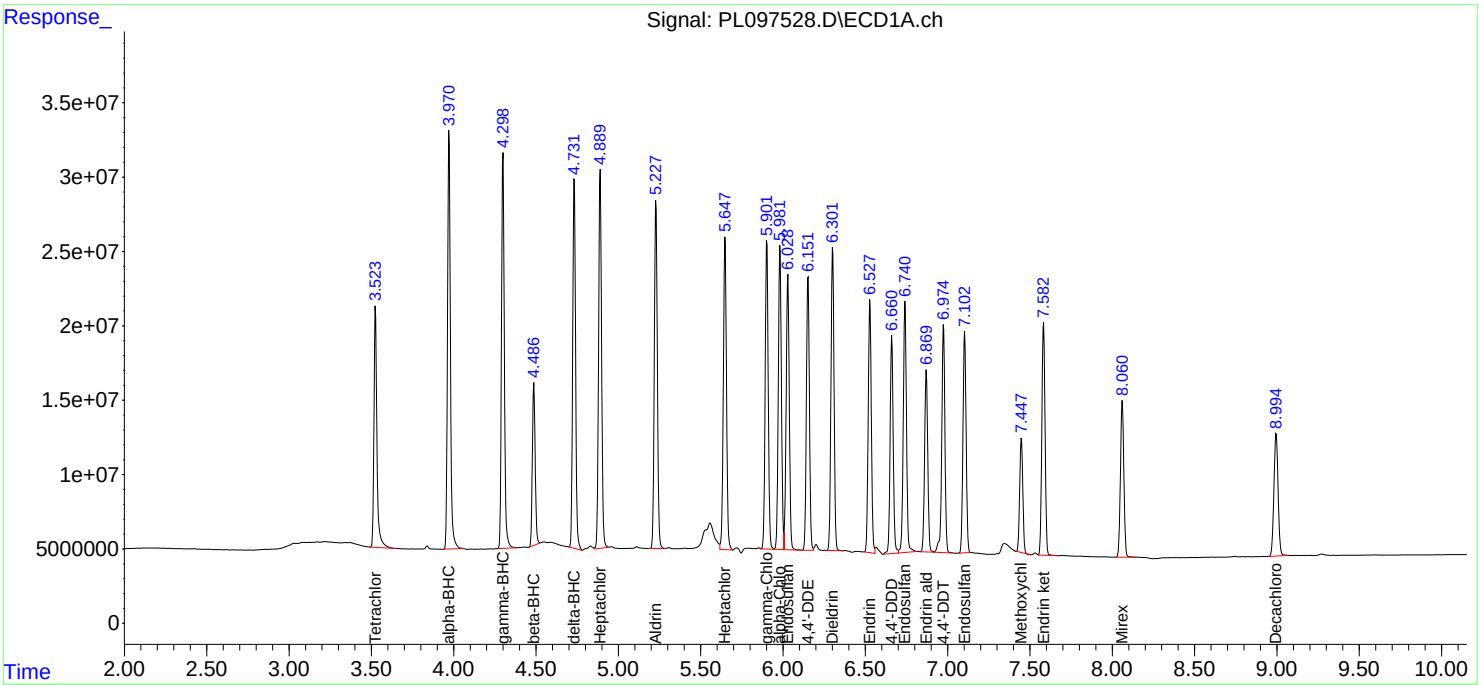
ICAL Form

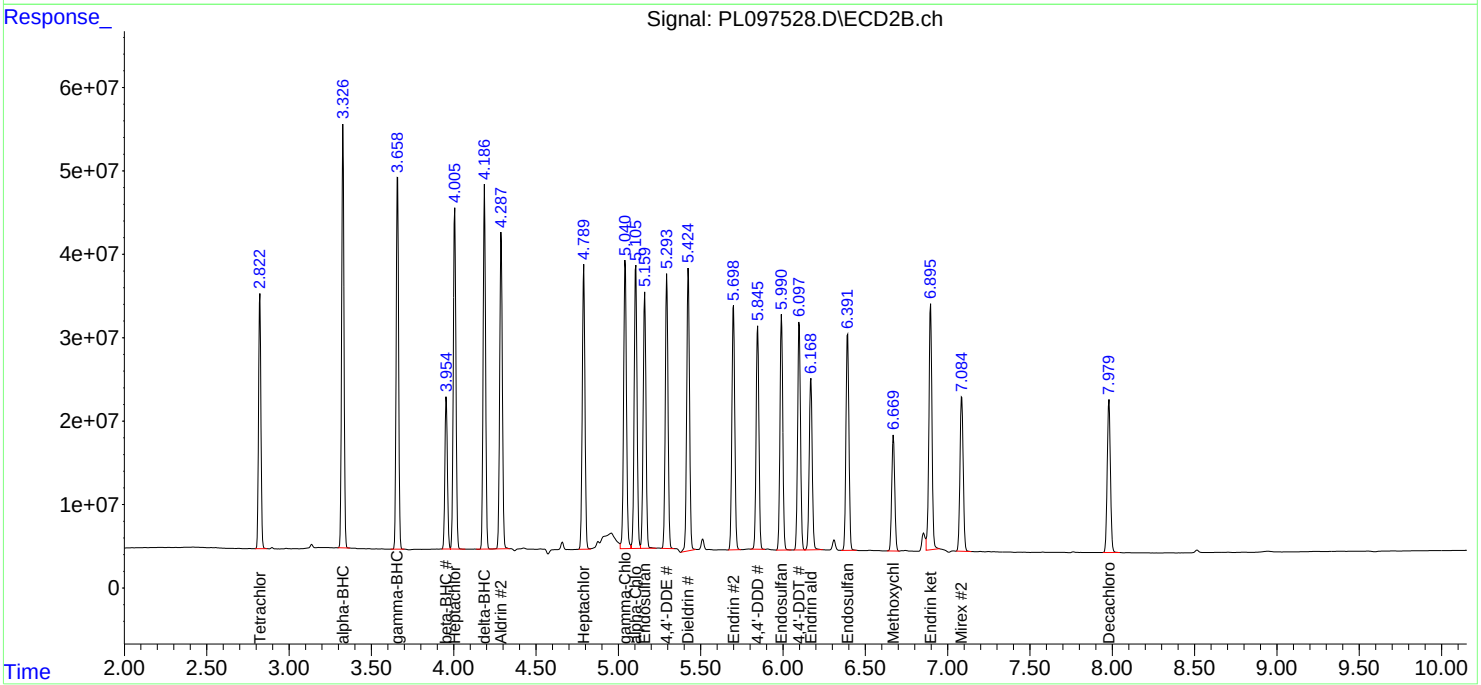
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097528.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:00
Operator : AR\AJ
Sample : PSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:25:02 2025
Response via : Initial 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:41
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC025

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:55:26 2025
Response via : Initial 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	2.823	101.9E6	151.5E6	25.113	25.201
28)	SA Decachlor...	8.995	7.980	75883634	132.2E6	26.154	26.542
	Target Compounds						
2)	A alpha-BHC	3.972	3.327	166.9E6	245.5E6	24.370	24.464
3)	MA gamma-BHC...	4.300	3.659	158.2E6	229.2E6	24.614	24.689
4)	MA Heptachlor	4.890	4.007	163.9E6	230.9E6	25.415	25.224
5)	MB Aldrin	5.229	4.289	150.1E6	216.4E6	24.910	24.904
6)	B beta-BHC	4.487	3.955	65516856	101.1E6	25.491	25.931
7)	B delta-BHC	4.733	4.188	150.5E6	225.1E6	24.806	24.582
8)	B Heptachlo...	5.649	4.790	147.1E6	199.4E6	26.154	25.610
9)	A Endosulfan I	6.030	5.161	125.6E6	189.9E6	25.468	26.176
10)	B gamma-Chl...	5.902	5.042	137.8E6	221.1E6	25.349	25.772
11)	B alpha-Chl...	5.982	5.106	136.7E6	210.9E6	25.480	25.624
12)	B 4,4'-DDE	6.153	5.295	114.5E6	189.7E6	24.410	24.837
13)	MA Dieldrin	6.302	5.425	131.5E6	202.4E6	24.965	24.739
14)	MA Endrin	6.527	5.699	111.1E6	181.4E6	24.790m	25.020
15)	B Endosulfa...	6.741	5.992	120.1E6	176.0E6	26.160	25.753
16)	A 4,4'-DDD	6.661	5.847	93542225	158.8E6	24.784	24.930
17)	MA 4,4'-DDT	6.975	6.099	101.3E6	166.3E6	24.764	24.698
18)	B Endrin al...	6.870	6.170	82892425	142.4E6	25.817	27.010
19)	B Endosulfa...	7.103	6.393	101.8E6	169.7E6	25.745	25.958
20)	A Methoxychlor	7.448	6.670	52550604	93792657	25.657	26.406
21)	B Endrin ke...	7.582	6.897	109.6E6	190.6E6	25.737	25.097
22)	Mirex	8.061	7.086	80257862	137.5E6	26.820	26.901

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097529.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:41
Operator : AR\AJ
Sample : PSTDICC025
Misc :
ALS Vial : 8 Sample Multiplier: 1

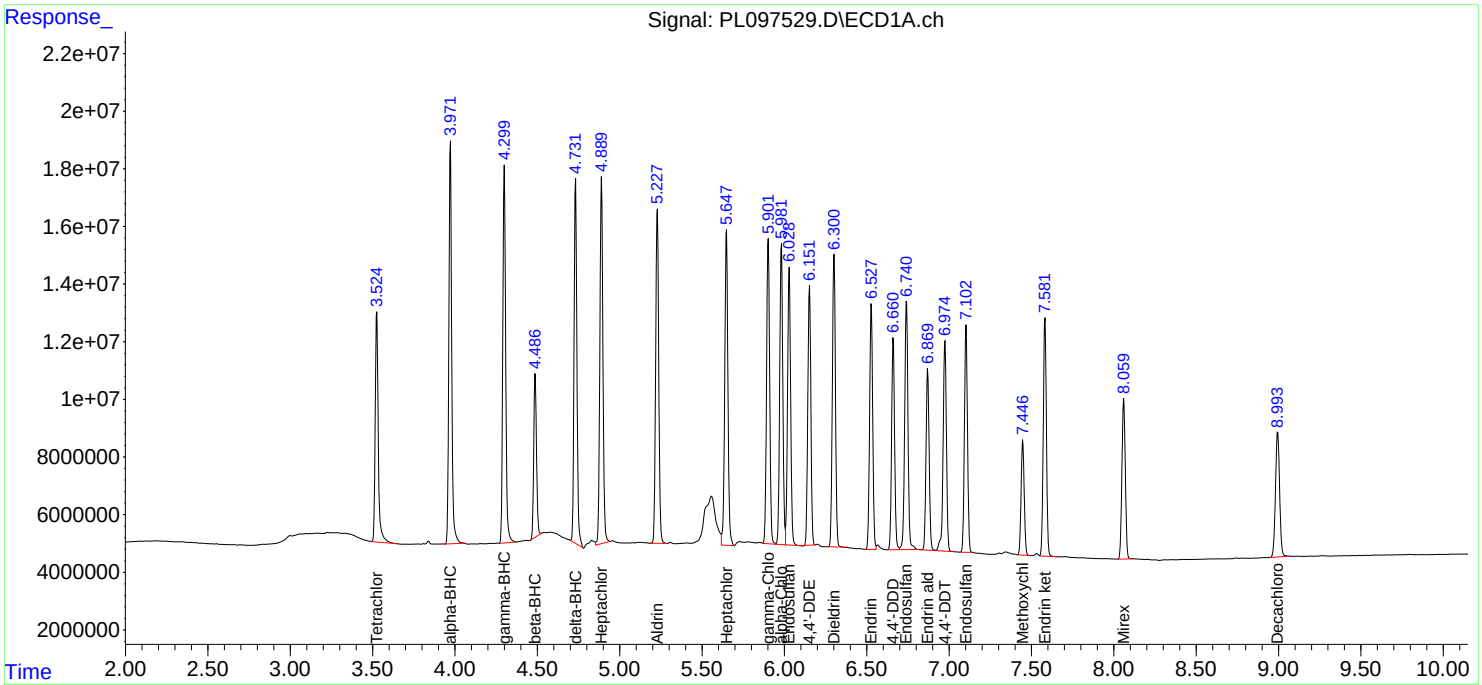
Instrument :
ECD_L
ClientSampleId :
PSTDICC025

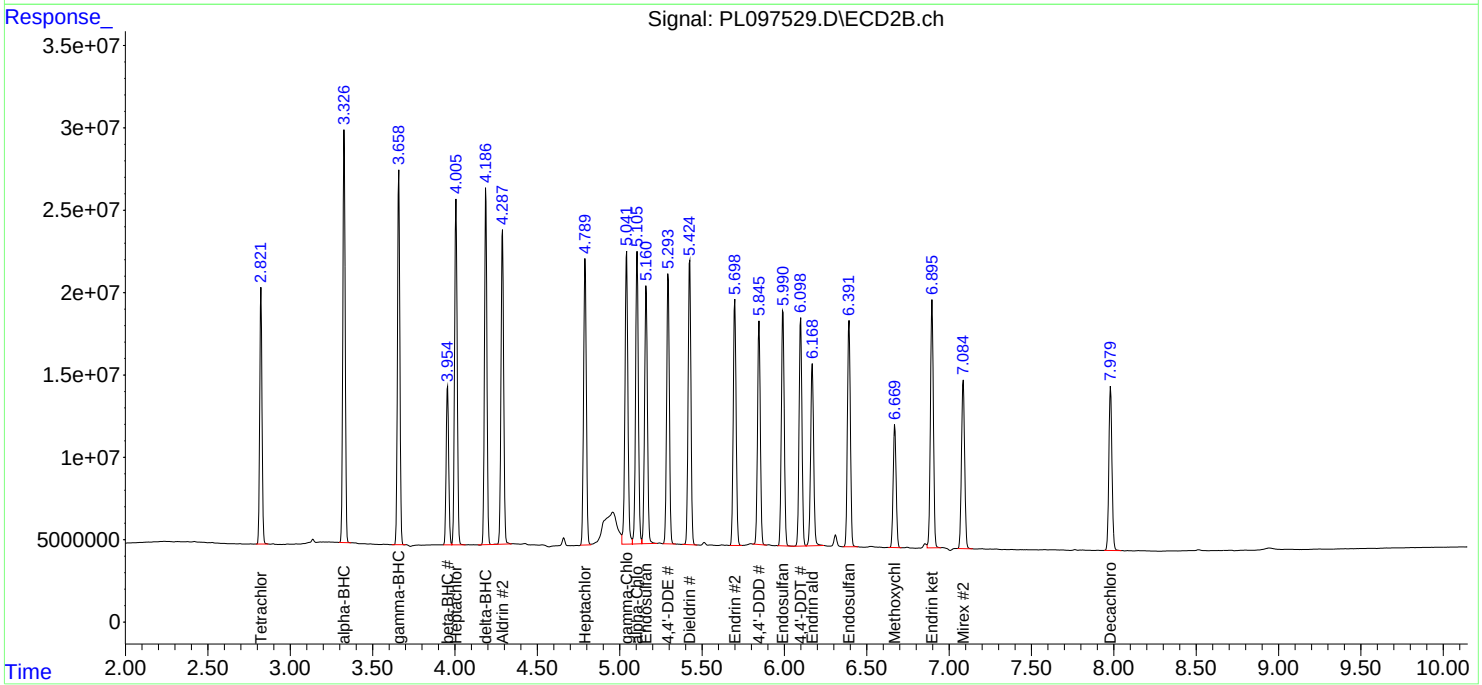
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 11:55:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 11:55:26 2025
Response via : Initial 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:55
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 12:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 12:09:00 2025
Response via : Initial 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	2.823	20760581	31889450	5.092	5.239
28)	SA Decachlor...	8.995	7.980	16313666	30126190	5.486	5.806
	Target Compounds						
2)	A alpha-BHC	3.972	3.327	31631322	45990795	4.689	4.661
3)	MA gamma-BHC...	4.299	3.659	30329973	44004103	4.772	4.790
4)	MA Heptachlor	4.888	4.006	32306585	46717000	5.012m	5.082
5)	MB Aldrin	5.228	4.288	29793038	42975067	4.955	4.956
6)	B beta-BHC	4.487	3.955	13232665	21469148	5.118	5.397
7)	B delta-BHC	4.732	4.187	30468498	42743595	5.017	4.731
8)	B Heptachlo...	5.646	4.790	33101826	41697351	5.537m	5.280
9)	A Endosulfan I	6.029	5.159	25685922	39259145	5.167	5.271m
10)	B gamma-Chl...	5.901	5.040	26959817	45741136	4.967	5.277m
11)	B alpha-Chl...	5.982	5.104	28366665	43589310	5.227	5.249m
12)	B 4,4'-DDE	6.152	5.294	22578205	37045119	4.848	4.879
13)	MA Dieldrin	6.301	5.425	26178667	43077308	4.976	5.210
14)	MA Endrin	6.527	5.700	22242785	40023725	4.971	5.408
15)	B Endosulfa...	6.740	5.991	30509296	35911153	6.264m	5.179
16)	A 4,4'-DDD	6.659	5.845	18850267	32072276	4.987m	5.022m
17)	MA 4,4'-DDT	6.975	6.099	19545223	31911242	4.820	4.789
18)	B Endrin al...	6.870	6.169	17702219	38554790	5.402	6.695
19)	B Endosulfa...	7.103	6.393	21130418	35709397	5.270	5.364
20)	A Methoxychlor	7.446	6.670	11260639	20091269	5.375m	5.512
21)	B Endrin ke...	7.581	6.895	21852412	45578581	5.118m	5.818m
22)	Mirex	8.061	7.086	17837199	31483732	5.740	5.885

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 11:55
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

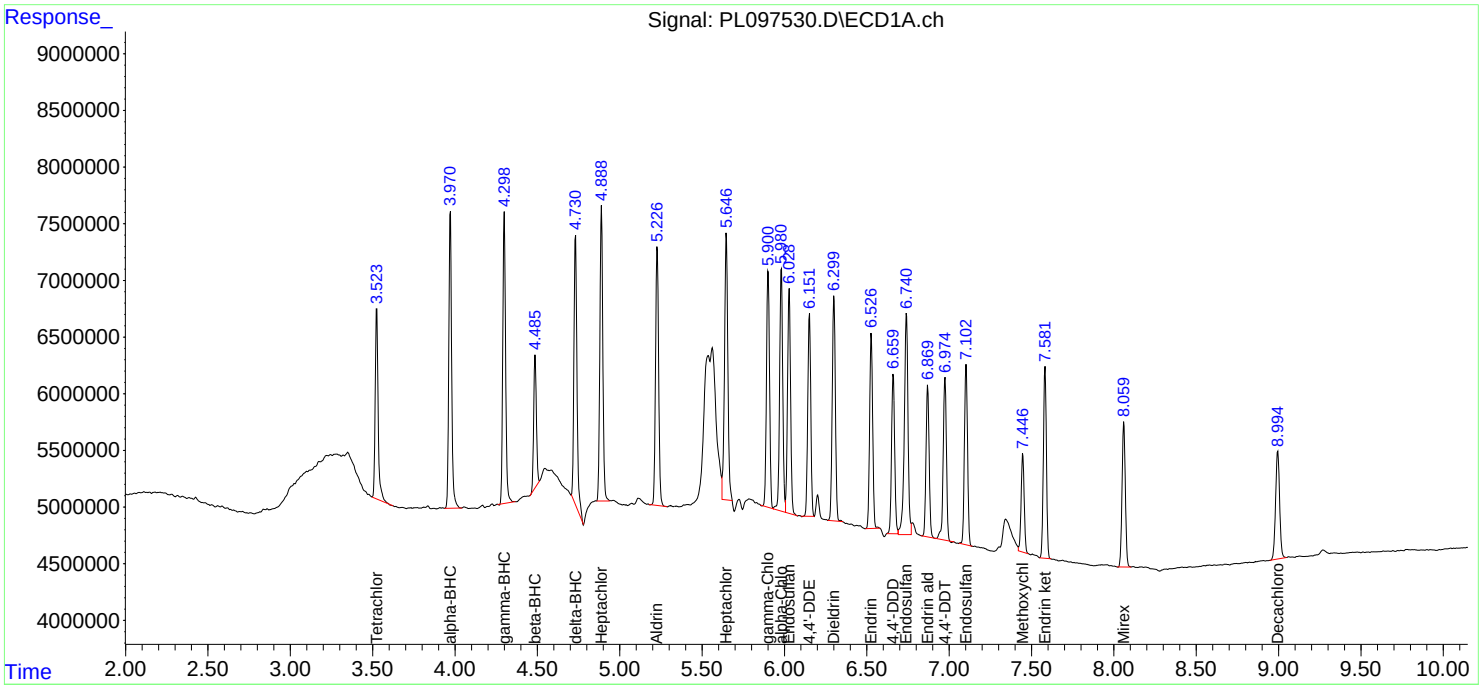
Instrument :
ECD_L
ClientSampleId :
PSTDICC005

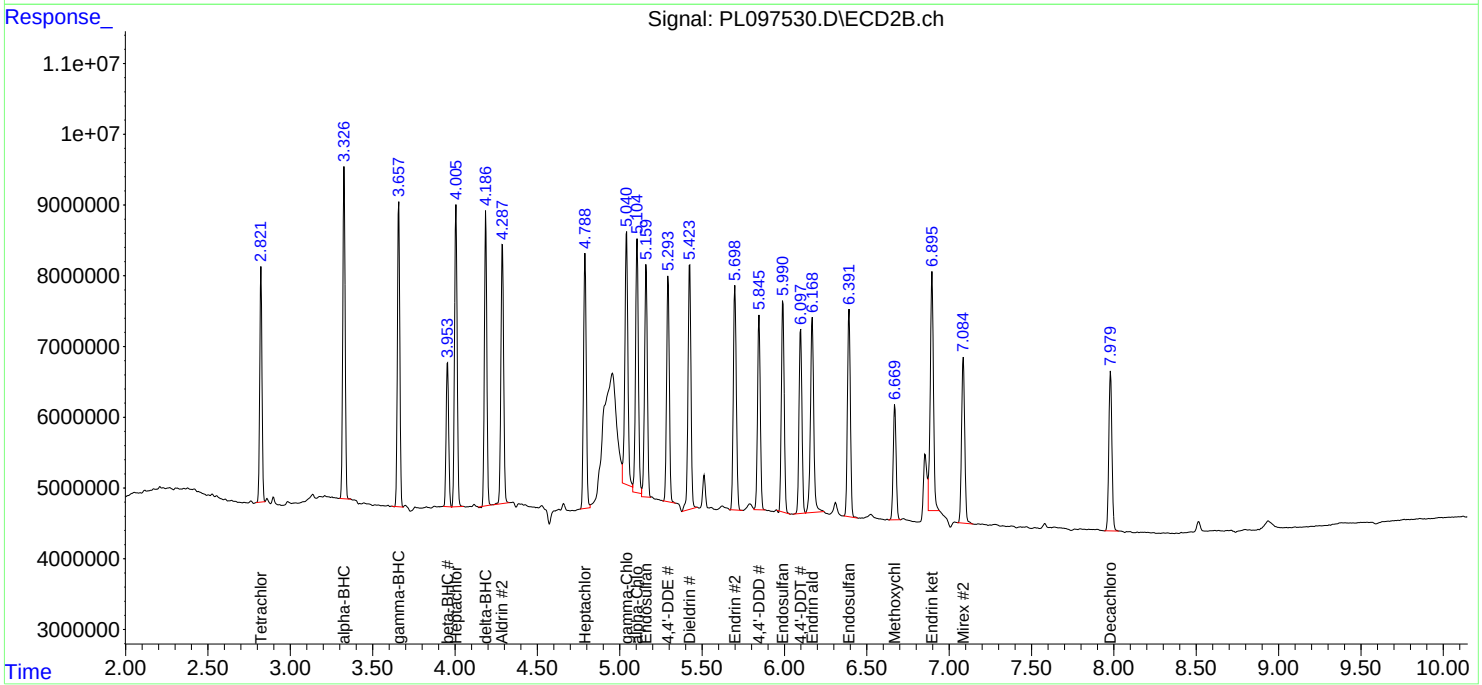
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 12:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 12:09:00 2025
Response via : Initial 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 13:05
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 07 13:27:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 13:26:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm 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	180.5E6	352.0E6	50.000	50.000
28)	SA Decachlor...	8.996	7.980	129.9E6	231.8E6	50.000	50.000
	Target Compounds						
23)	Chlordane-1	4.676	3.830	98917512	124.8E6	500.000	500.000
24)	Chlordane-2	5.199	4.408	112.5E6	139.1E6	500.000	500.000
25)	Chlordane-3	5.902	5.041	412.5E6	442.0E6	500.000	500.000
26)	Chlordane-4	5.987	5.104	499.9E6	391.0E6	500.000	500.000
27)	Chlordane-5	6.823	5.998	86009600	145.9E6	500.000	500.000

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

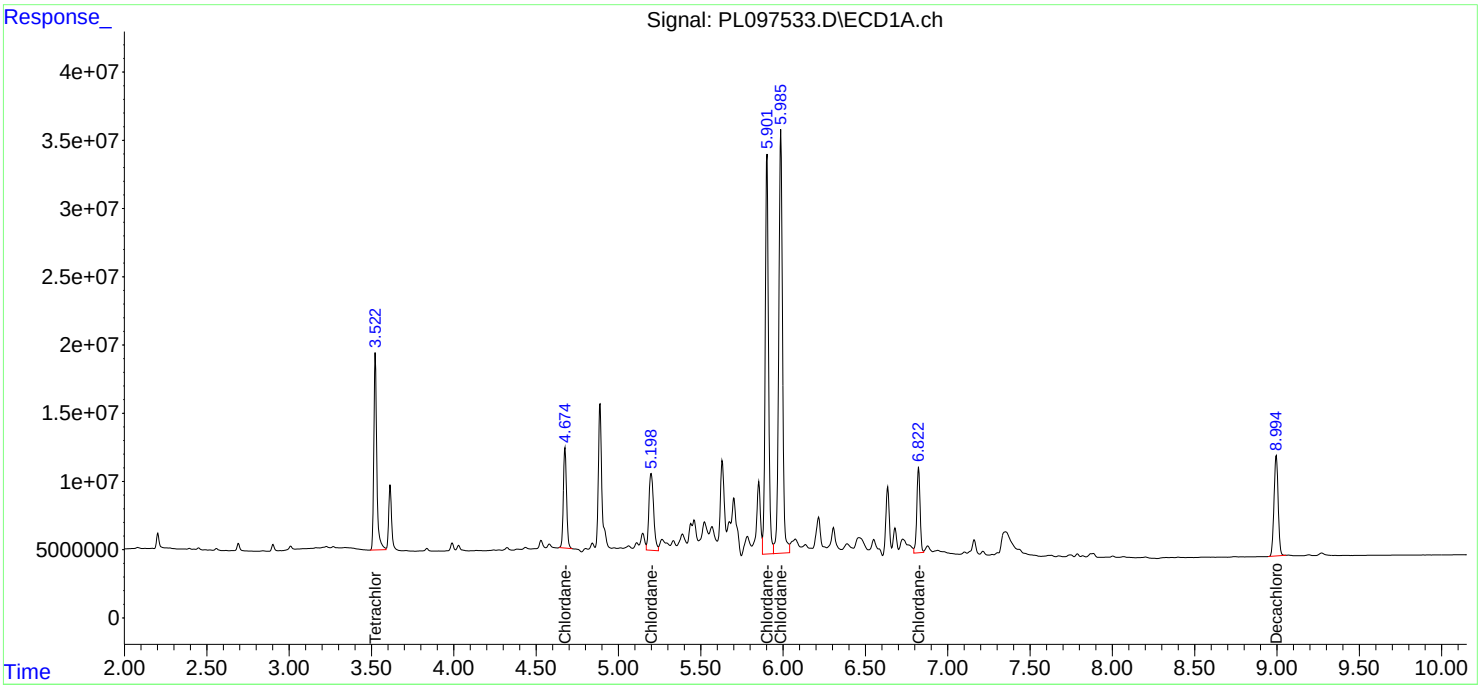
ICAL Form

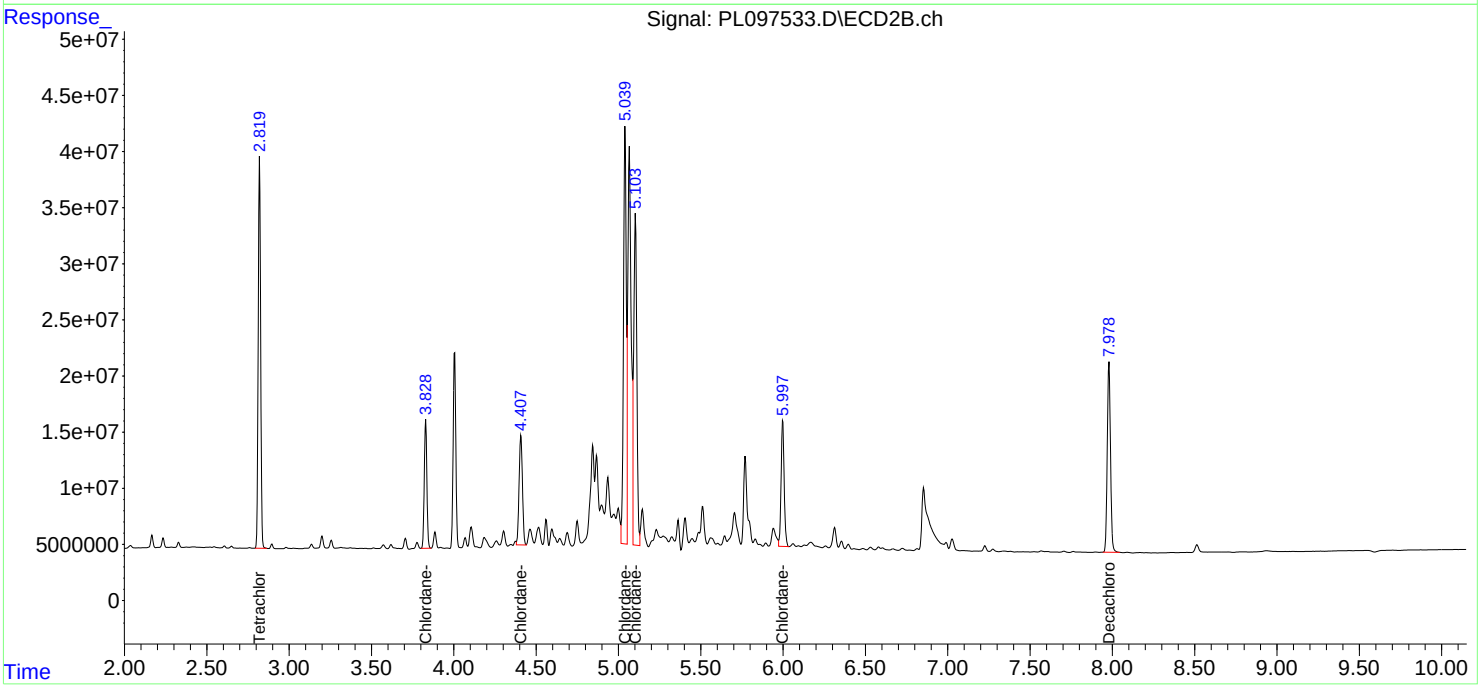
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 13:05
Operator : AR\AJ
Sample : PCHLORICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PCHLORICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 13:27:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 13:26:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 14:13
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 08 02:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX100725.M
Quant Title : GC Extractables
QLast Update : Wed Oct 08 02:43:27 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...	3.525	2.823	201.8E6	303.5E6	50.000	50.000
7) SA	Decachlor...	8.995	7.980	152.2E6	268.7E6	50.000	50.000
	Target Compounds						
2)	Toxaphene-1	6.197	5.064	19618950	21824392	500.000	500.000
3)	Toxaphene-2	6.596	5.749	15978539	27407056	500.000	500.000
4)	Toxaphene-3	7.010	6.029	70581901	28284734	500.000	500.000
5)	Toxaphene-4	7.100	6.664	51701599	86131706	500.000	500.000
6)	Toxaphene-5	7.879	7.104	37008274	52364800	500.000	500.000

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

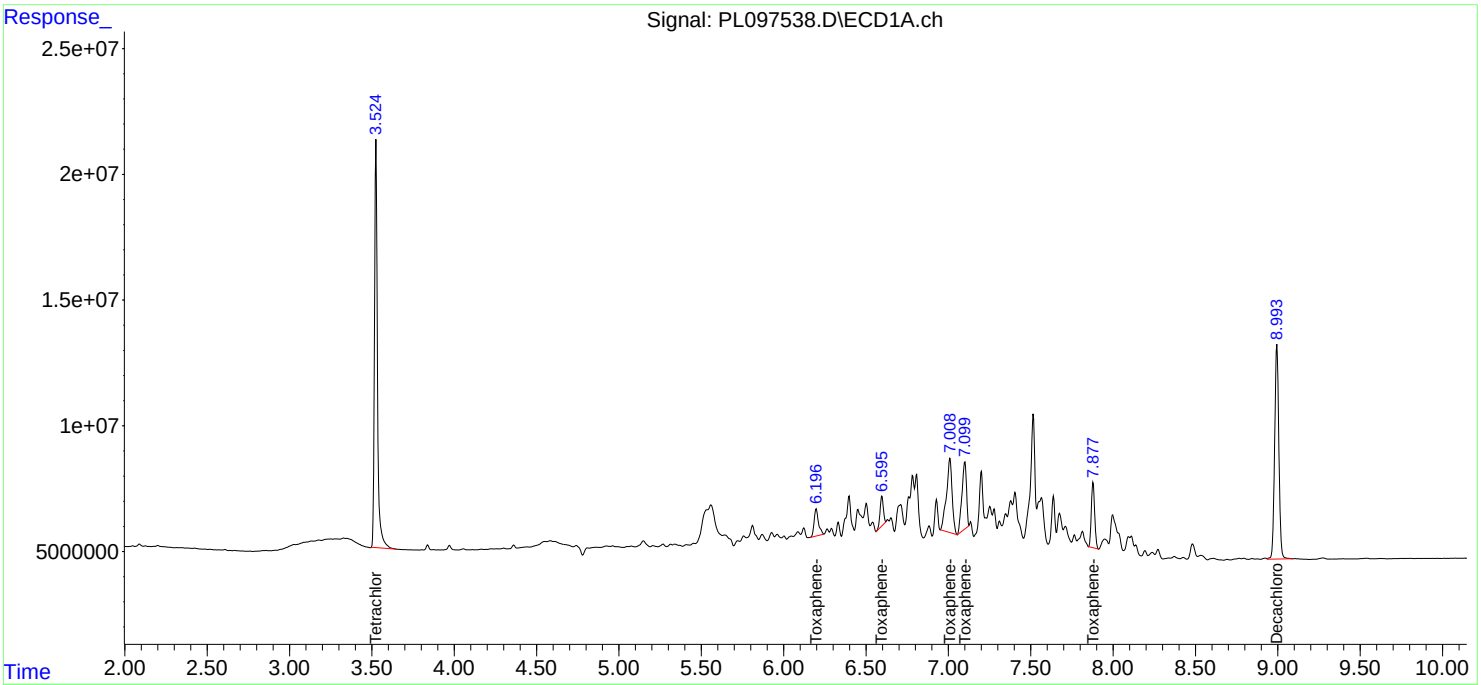
ICAL Form

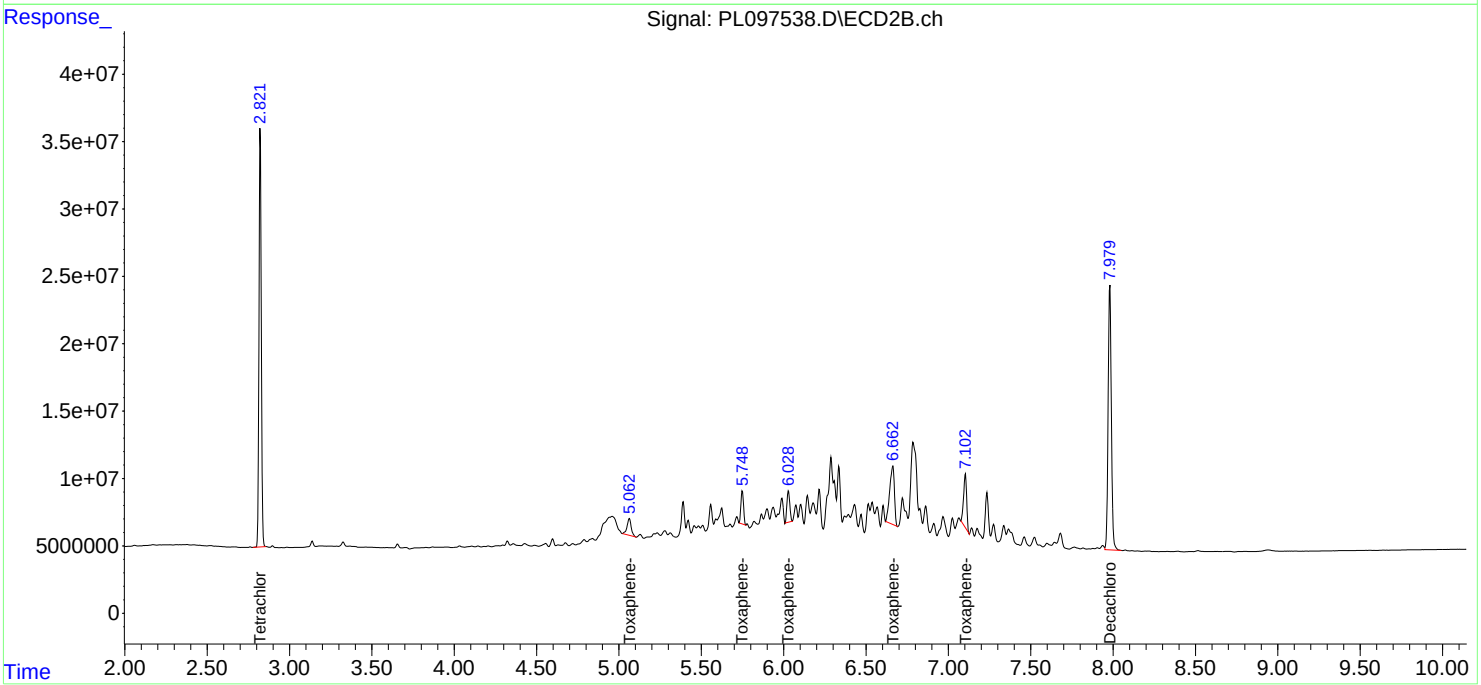
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097538.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 14:13
Operator : AR\AJ
Sample : PTOXICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PTOXICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 02:44:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX100725.M
Quant Title : GC Extractables
QLast Update : Wed Oct 08 02:43:27 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 0.25µm





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097541.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 15:26
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL100725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 15:40:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 14:32:10 2025
Response via : Initial 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	2.823	196.5E6	292.3E6	48.196	48.031
28) SA	Decachlor...	8.995	7.980	142.1E6	252.1E6	47.773	48.585
	Target Compounds						
2) A	alpha-BHC	3.971	3.328	328.4E6	485.0E6	48.686	49.152
3) MA	gamma-BHC...	4.299	3.659	308.4E6	450.1E6	48.521	48.996
4) MA	Heptachlor	4.890	4.006	313.4E6	447.8E6	48.585	48.714
5) MB	Aldrin	5.229	4.288	291.3E6	424.4E6	48.442	48.941
6) B	beta-BHC	4.487	3.955	126.3E6	190.4E6	48.855	47.859
7) B	delta-BHC	4.732	4.187	292.7E6	444.7E6	48.193	49.227
8) B	Heptachlo...	5.648	4.790	273.0E6	382.8E6	46.897	48.472
9) A	Endosulfan I	6.029	5.160	241.0E6	360.5E6	48.470	48.891
10) B	gamma-Chl...	5.902	5.041	263.4E6	416.4E6	48.523	47.895
11) B	alpha-Chl...	5.982	5.105	261.8E6	400.4E6	48.243	48.084
12) B	4,4'-DDE	6.152	5.294	226.2E6	374.0E6	48.560	49.257
13) MA	Dieldrin	6.301	5.424	256.3E6	394.7E6	48.731	47.735
14) MA	Endrin	6.528	5.699	216.5E6	354.0E6	48.392	47.833
15) B	Endosulfa...	6.741	5.991	224.4E6	339.0E6	45.863	49.093
16) A	4,4'-DDD	6.661	5.846	182.9E6	317.1E6	48.475	49.712
17) MA	4,4'-DDT	6.975	6.099	198.7E6	329.8E6	48.993	49.499
18) B	Endrin al...	6.870	6.169	159.6E6	262.7E6	48.718	45.617
19) B	Endosulfa...	7.104	6.393	193.0E6	324.7E6	48.122	48.770
20) A	Methoxychlor	7.448	6.670	98984099	176.8E6	47.383	48.501
21) B	Endrin ke...	7.583	6.896	208.7E6	364.2E6	48.749	46.108
22)	Mirex	8.061	7.086	147.4E6	256.2E6	47.423	47.897

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

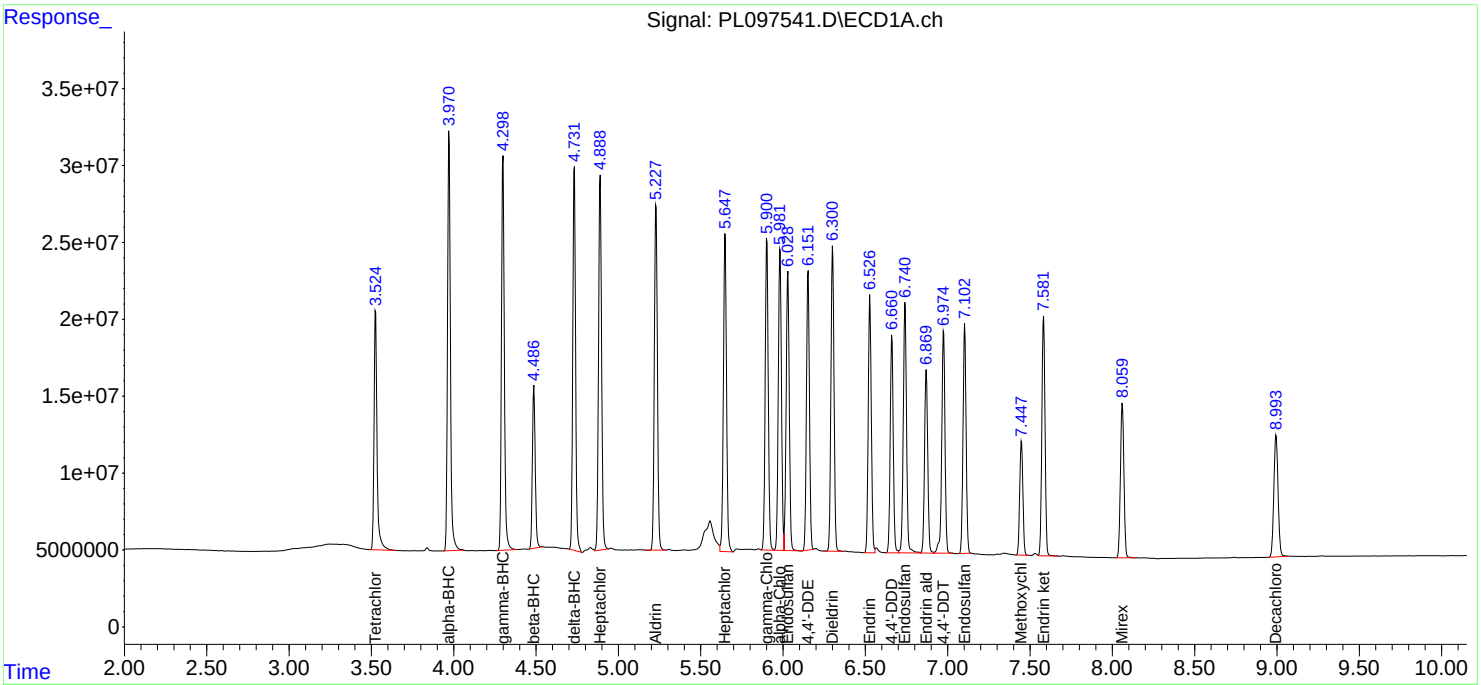
ICAL Form

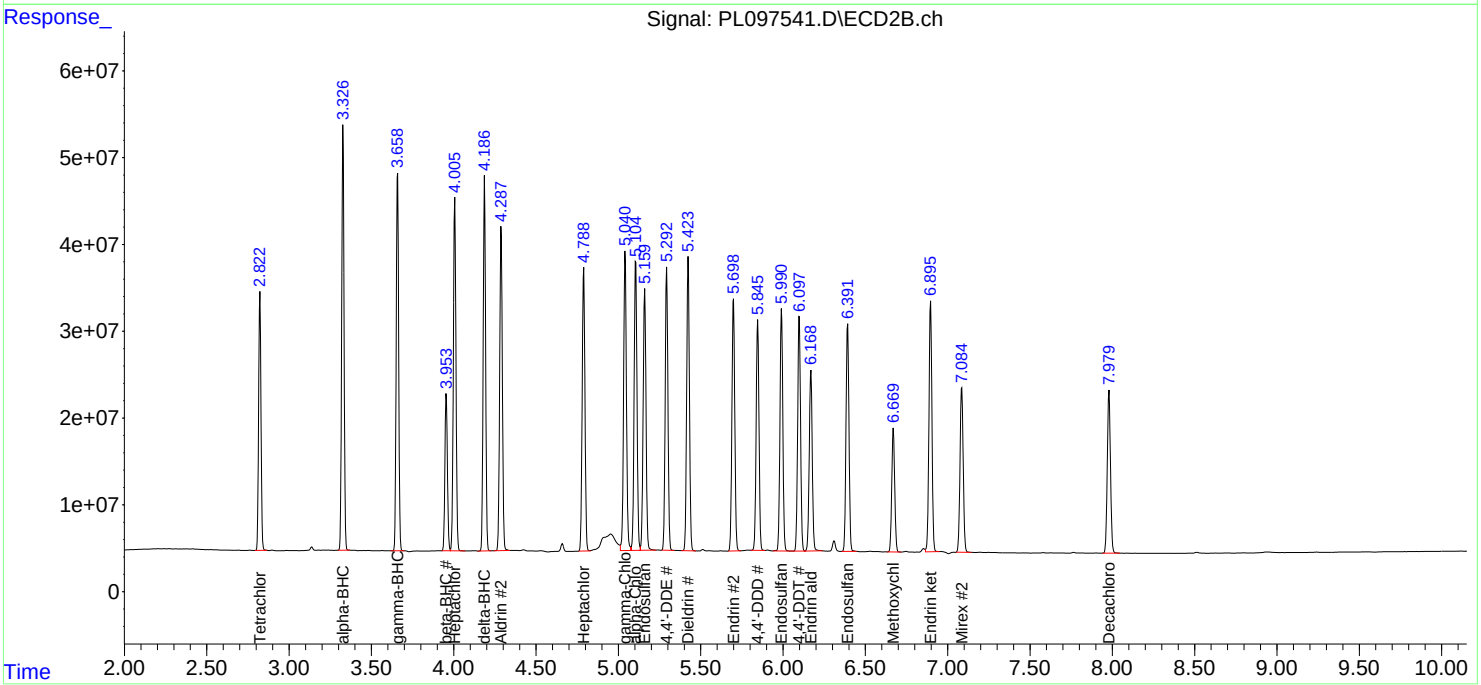
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097541.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 15:26
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL100725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 15:40:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 14:32:10 2025
Response via : Initial 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 15:55
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL100725CHLOR

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 16:41:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 15:43:14 2025
Response via : Initial 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	176.2E6	353.7E6	48.133	49.950
28)	SA Decachlor...	8.996	7.981	129.0E6	233.0E6	48.284	47.975
	Target Compounds						
23)	Chlordane-1	4.675	3.831	97406992	125.3E6	487.275m	493.353
24)	Chlordane-2	5.200	4.409	105.0E6	140.5E6	464.990	493.358
25)	Chlordane-3	5.903	5.042	391.8E6	431.8E6	479.170	471.306
26)	Chlordane-4	5.986	5.105	480.1E6	379.6E6	468.064	491.668
27)	Chlordane-5	6.824	5.999	80255277	145.9E6	478.271	492.856

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097542.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 15:55
Operator : AR\AJ
Sample : PCHLORICV500
Misc :
ALS Vial : 21 Sample Multiplier: 1

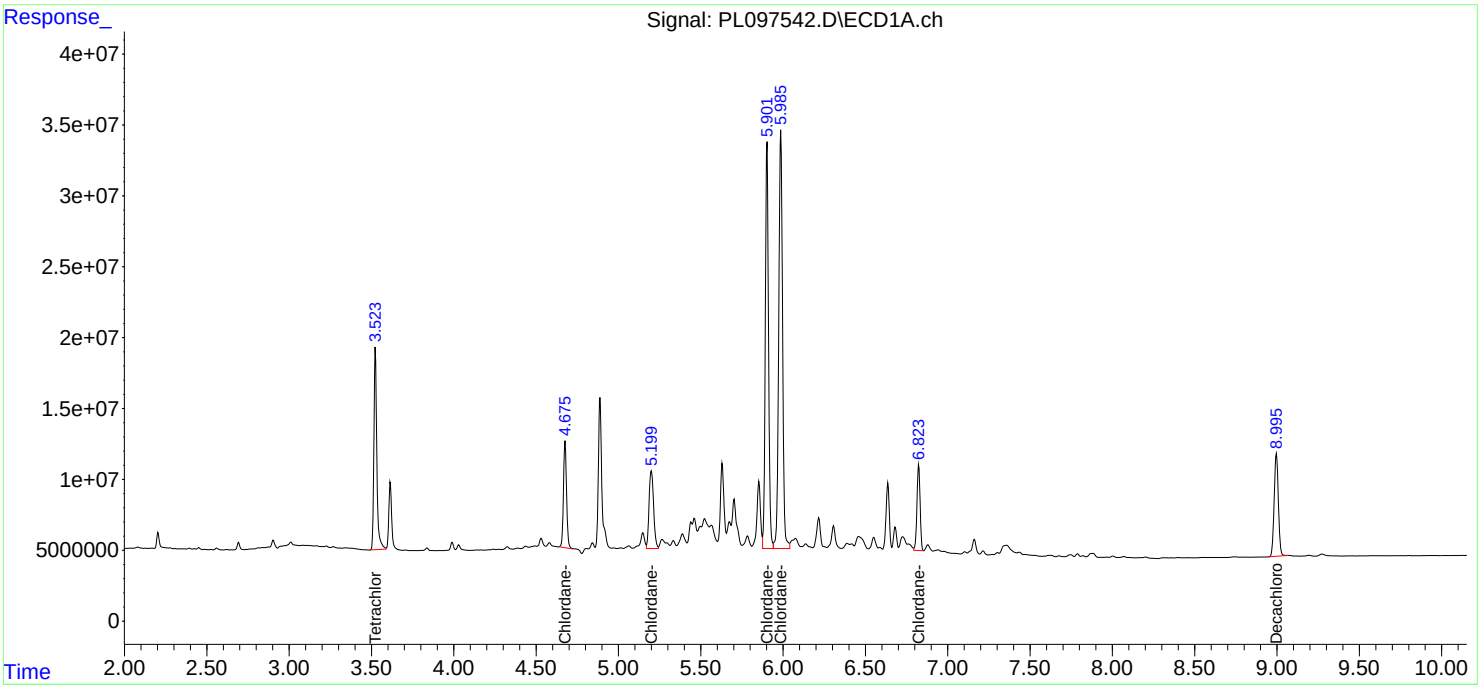
Instrument :
ECD_L
ClientSampleId :
ICVPL100725CHLOR

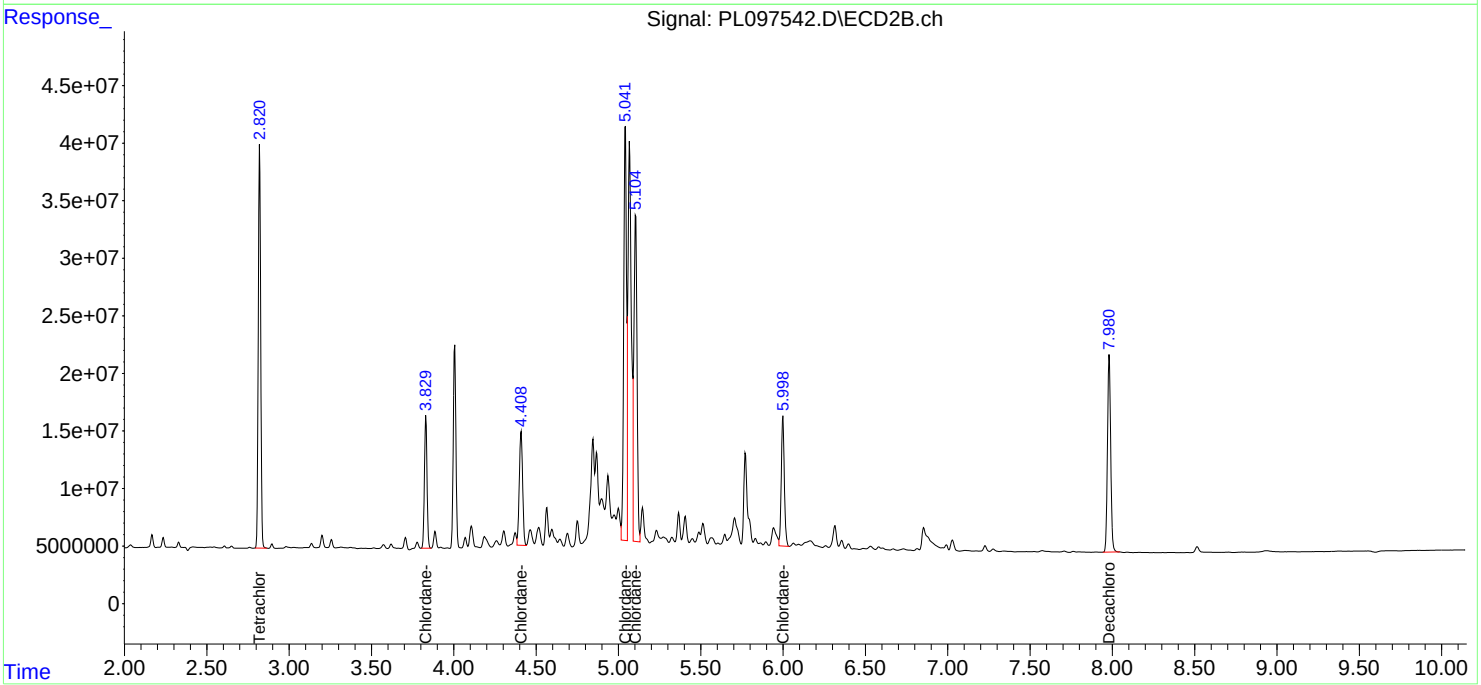
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 16:41:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 15:43:14 2025
Response via : Initial 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 16:08
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL100725TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 02:52:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX100725.M
Quant Title : GC Extractables
QLast Update : Wed Oct 08 02:50:32 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...	3.525	2.822	202.1E6	305.4E6	50.266	50.362
7)	SA Decachlor...	8.995	7.980	149.2E6	269.5E6	49.366	50.164
	Target Compounds						
2)	Toxaphene-1	6.199	5.064	22361480	21475348	522.576	514.967
3)	Toxaphene-2	6.596	5.750	15149193	26518885	476.571	496.134
4)	Toxaphene-3	7.010	6.030	68558039	28136096	491.310	507.369
5)	Toxaphene-4	7.099	6.664	50052470	84983798	487.415	505.715
6)	Toxaphene-5	7.878	7.104	36207576	51916786	498.297	496.186

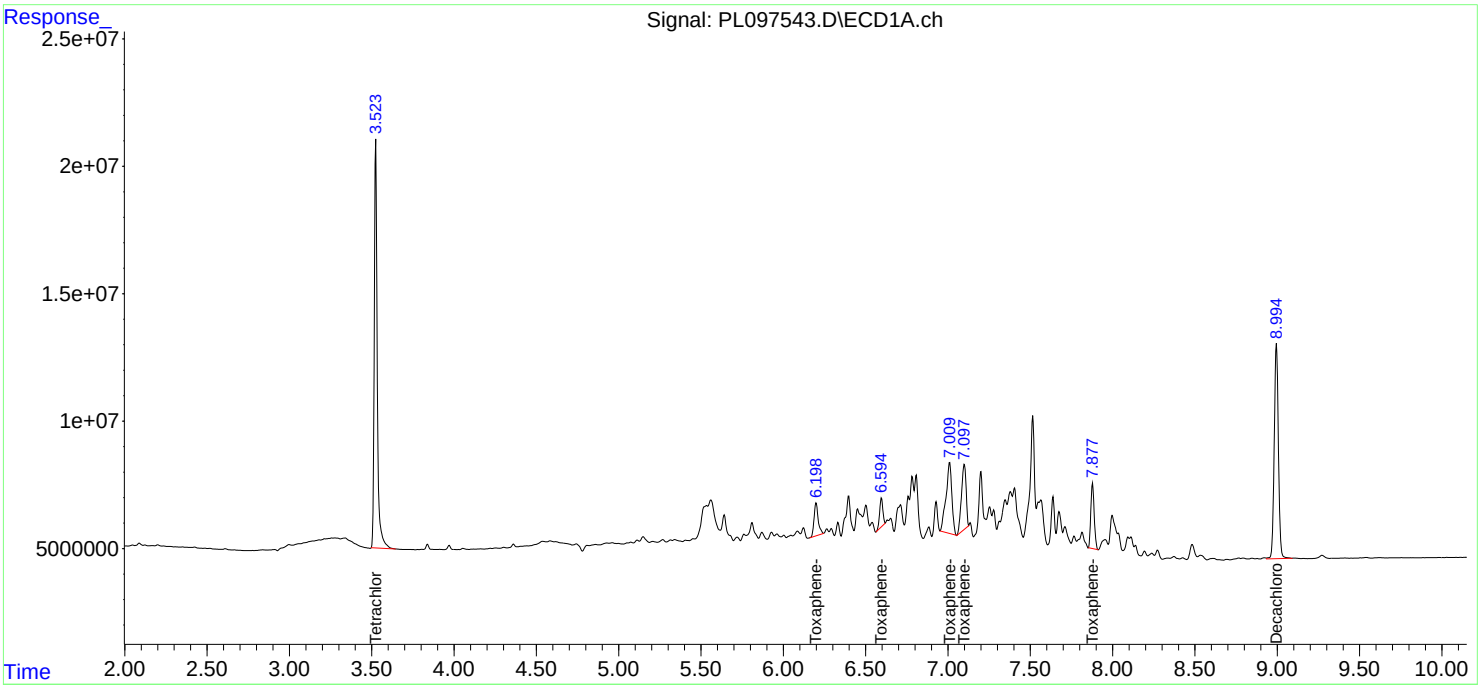
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

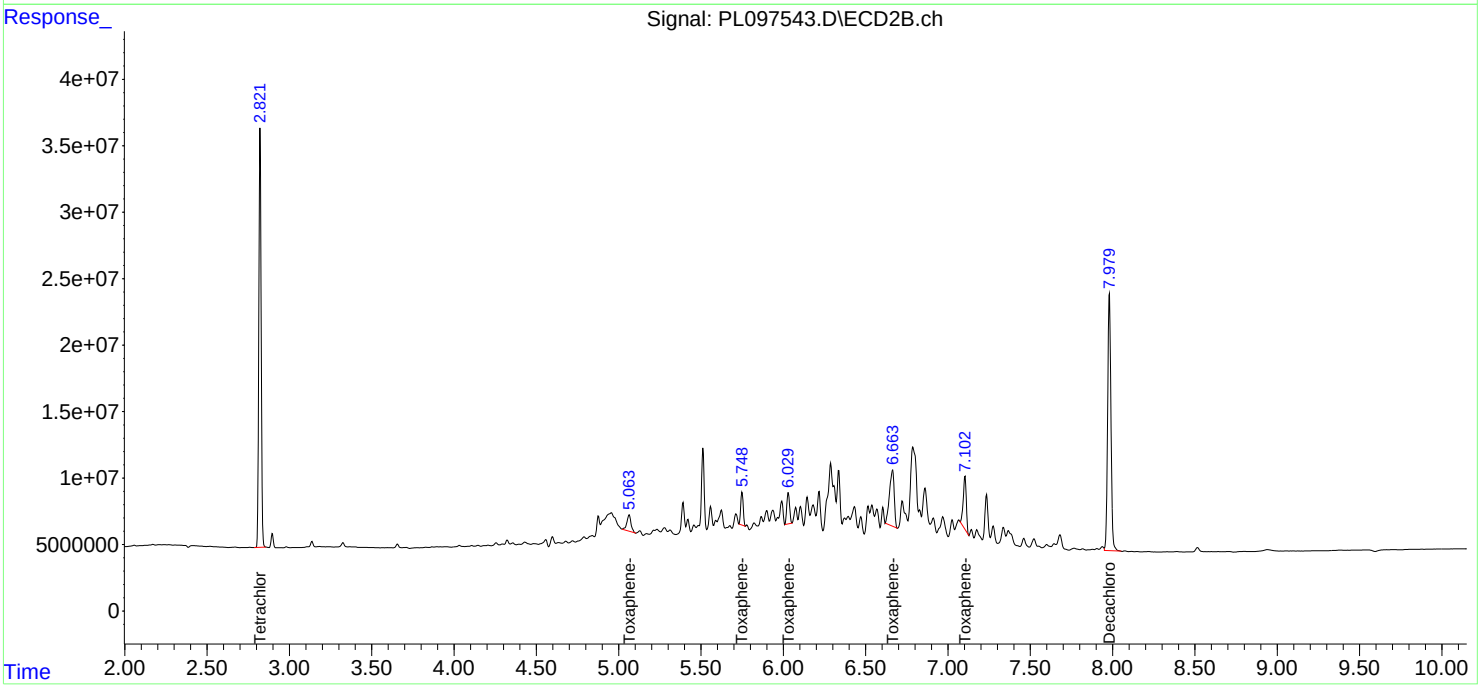
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097543.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 16:08
Operator : AR\AJ
Sample : PTOXICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ICVPL100725TOX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 08 02:52:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\LTX100725.M
Quant Title : GC Extractables
QLast Update : Wed Oct 08 02:50:32 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





Raw Data: **PD090573.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/14/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 11:18 **Initial Calibration Time(s):** 10:30 11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.00
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	4.93	4.83	5.03	0.00
Aldrin	5.27	5.27	5.17	5.37	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endosulfan I	6.08	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

Raw Data: **PD090573.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/14/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 11:18 **Initial Calibration Time(s):** 10:30 11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.87	2.88	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	4.87	4.77	4.97	0.01
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.51	5.51	5.41	5.61	0.00
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	6.48	6.38	6.58	0.01
4,4'-DDT	6.18	6.18	6.08	6.28	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00
Endrin ketone	6.98	6.98	6.88	7.08	0.00
Endrin aldehyde	6.25	6.25	6.15	6.35	0.00
alpha-Chlordane	5.18	5.18	5.08	5.28	0.00
gamma-Chlordane	5.12	5.12	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:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/14/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090573.D **Time Analyzed:** 11:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.707	6.601	6.801	47.820	50.000	-4.4
4,4'-DDE	6.198	6.092	6.292	49.000	50.000	-2.0
4,4'-DDT	7.022	6.917	7.117	45.630	50.000	-8.7
Aldrin	5.272	5.166	5.366	48.540	50.000	-2.9
alpha-BHC	4.001	3.895	4.095	49.140	50.000	-1.7
alpha-Chlordane	6.028	5.922	6.122	48.090	50.000	-3.8
beta-BHC	4.519	4.413	4.613	47.500	50.000	-5.0
Decachlorobiphenyl	9.073	8.968	9.168	45.990	50.000	-8.0
delta-BHC	4.766	4.661	4.861	49.430	50.000	-1.1
Dieldrin	6.348	6.243	6.443	48.040	50.000	-3.9
Endosulfan I	6.075	5.970	6.170	47.900	50.000	-4.2
Endosulfan II	6.788	6.682	6.882	48.530	50.000	-2.9
Endosulfan sulfate	7.152	7.046	7.246	46.200	50.000	-7.6
Endrin	6.575	6.469	6.669	48.410	50.000	-3.2
Endrin aldehyde	6.917	6.811	7.011	48.680	50.000	-2.6
Endrin ketone	7.632	7.527	7.727	46.570	50.000	-6.9
gamma-BHC (Lindane)	4.332	4.226	4.426	48.730	50.000	-2.5
gamma-Chlordane	5.948	5.842	6.042	48.620	50.000	-2.8
Heptachlor	4.930	4.825	5.025	45.600	50.000	-8.8
Heptachlor epoxide	5.692	5.586	5.786	47.250	50.000	-5.5
Methoxychlor	7.495	7.390	7.590	43.050	50.000	-13.9
Tetrachloro-m-xylene	3.551	3.446	3.646	45.420	50.000	-9.2

Raw Data: **PD090573.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/14/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090573.D **Time Analyzed:** 11:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.922	5.822	6.022	50.370	50.000	0.7
4,4'-DDE	5.367	5.268	5.468	51.510	50.000	3.0
4,4'-DDT	6.176	6.076	6.276	49.200	50.000	-1.6
Aldrin	4.361	4.262	4.462	51.260	50.000	2.5
alpha-BHC	3.386	3.288	3.488	50.890	50.000	1.8
alpha-Chlordane	5.183	5.083	5.283	51.230	50.000	2.5
beta-BHC	4.019	3.920	4.120	50.420	50.000	0.8
Decachlorobiphenyl	8.063	7.964	8.164	47.980	50.000	-4.0
delta-BHC	4.256	4.156	4.356	50.590	50.000	1.2
Dieldrin	5.505	5.406	5.606	50.920	50.000	1.8
Endosulfan I	5.239	5.140	5.340	51.140	50.000	2.3
Endosulfan II	6.073	5.973	6.173	51.110	50.000	2.2
Endosulfan sulfate	6.475	6.375	6.575	49.340	50.000	-1.3
Endrin	5.782	5.682	5.882	49.870	50.000	-0.3
Endrin aldehyde	6.251	6.152	6.352	52.270	50.000	4.5
Endrin ketone	6.984	6.884	7.084	49.550	50.000	-0.9
gamma-BHC (Lindane)	3.723	3.624	3.824	50.710	50.000	1.4
gamma-Chlordane	5.118	5.018	5.218	51.410	50.000	2.8
Heptachlor	4.075	3.976	4.176	48.790	50.000	-2.4
Heptachlor epoxide	4.865	4.766	4.966	50.670	50.000	1.3
Methoxychlor	6.746	6.646	6.846	45.940	50.000	-8.1
Tetrachloro-m-xylene	2.874	2.776	2.976	49.240	50.000	-1.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 11:18
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: Oct 15 07:36:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	147.6E6	1351.7E6	45.418	49.241
28)	SA Decachlor...	9.073	8.063	221.9E6	1555.1E6	45.991	47.976
	Target Compounds						
2)	A alpha-BHC	4.001	3.386	343.2E6	2228.3E6	49.135	50.894
3)	MA gamma-BHC...	4.332	3.723	322.4E6	2065.9E6	48.727	50.714
4)	MA Heptachlor	4.930	4.075	301.6E6	1986.5E6	45.604	48.789
5)	MB Aldrin	5.272	4.361	308.2E6	2046.9E6	48.543	51.256
6)	B beta-BHC	4.519	4.019	122.6E6	874.0E6	47.502	50.416
7)	B delta-BHC	4.766	4.256	319.2E6	2089.2E6	49.429m	50.592
8)	B Heptachlo...	5.692	4.865	270.1E6	1868.0E6	47.254	50.672
9)	A Endosulfan I	6.075	5.239	258.7E6	1769.5E6	47.895	51.135
10)	B gamma-Chl...	5.948	5.118	277.7E6	2019.7E6	48.617	51.409
11)	B alpha-Chl...	6.028	5.183	277.0E6	1929.6E6	48.088	51.231
12)	B 4,4'-DDE	6.198	5.367	255.2E6	1971.9E6	49.001	51.513
13)	MA Dieldrin	6.348	5.505	276.9E6	1983.3E6	48.041	50.925
14)	MA Endrin	6.575	5.782	236.9E6	1786.9E6	48.408	49.869
15)	B Endosulfa...	6.788	6.073	236.7E6	1724.9E6	48.529	51.108
16)	A 4,4'-DDD	6.707	5.922	196.0E6	1633.5E6	47.824	50.374
17)	MA 4,4'-DDT	7.022	6.176	203.2E6	1691.5E6	45.634	49.202
18)	B Endrin al...	6.917	6.251	167.0E6	1230.8E6	48.679	52.269
19)	B Endosulfa...	7.152	6.475	212.5E6	1613.1E6	46.202	49.344
20)	A Methoxychlor	7.495	6.746	101.4E6	799.4E6	43.051	45.940
21)	B Endrin ke...	7.632	6.984	230.4E6	1789.0E6	46.570	49.552
22)	Mirex	8.114	7.177	166.9E6	1361.7E6	45.048	49.325

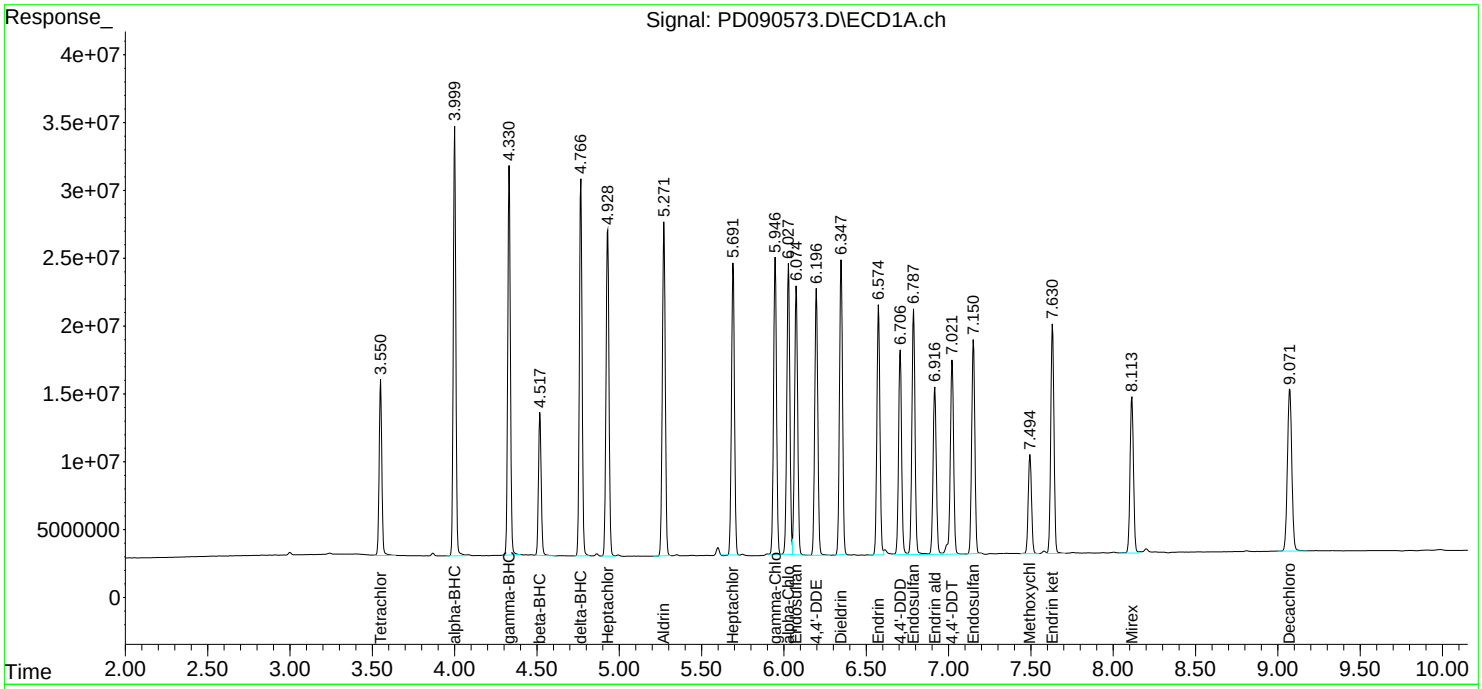
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

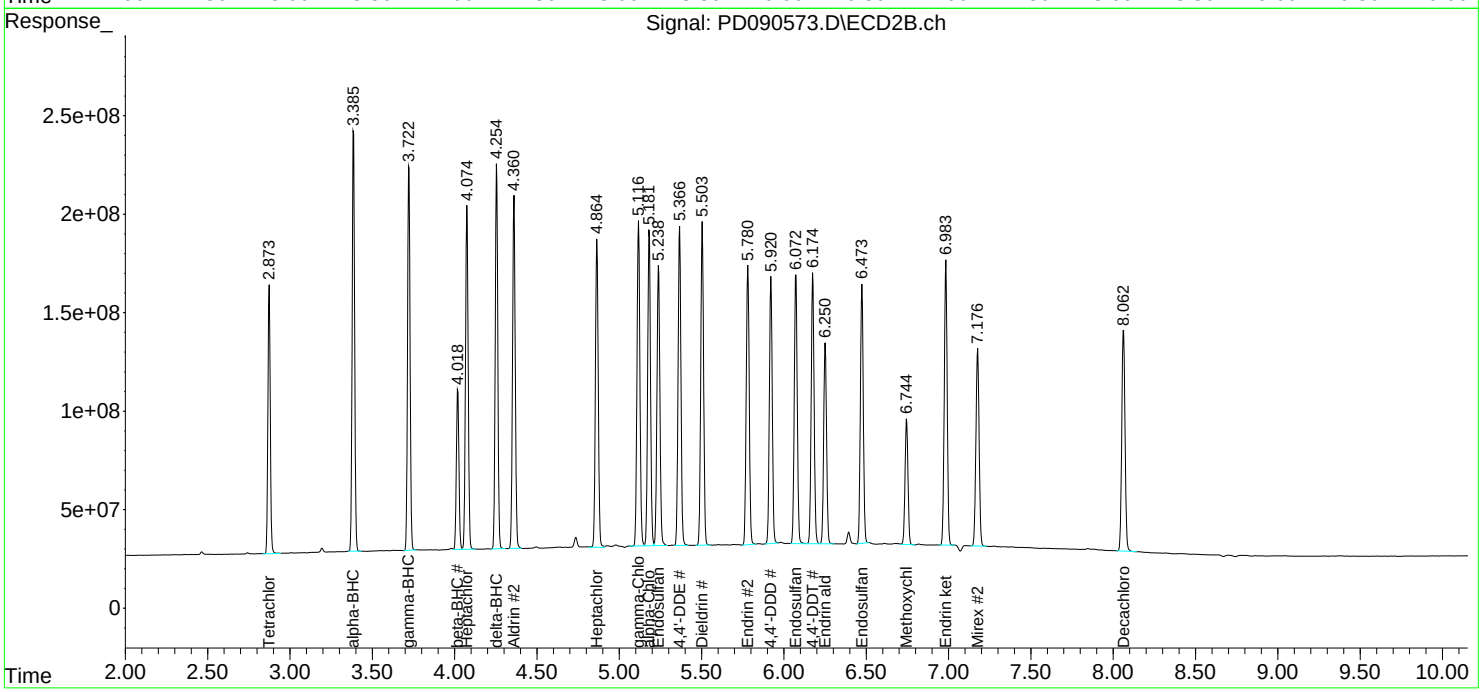
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 11:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:36:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PD090584.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/14/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 10:30 11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
alpha-BHC	4.00	4.00	3.90	4.10	0.01
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	0.01
Heptachlor	4.92	4.93	4.83	5.03	0.01
Aldrin	5.27	5.27	5.17	5.37	0.01
Heptachlor epoxide	5.69	5.69	5.59	5.79	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	7.14	7.15	7.05	7.25	0.01
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

Raw Data: **PD090584.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/14/2025 **Initial Calibration Date(s):** 09/18/2025 09/18/2025

Continuing Calib Time: 14:59 **Initial Calibration Time(s):** 10:30 11:24

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.06	8.06	7.96	8.16	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
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	4.87	4.77	4.97	0.01
Endosulfan I	5.24	5.24	5.14	5.34	0.00
Dieldrin	5.50	5.51	5.41	5.61	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	6.48	6.38	6.58	0.01
4,4'-DDT	6.17	6.18	6.08	6.28	0.01
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

Raw Data: **PD090584.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/14/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090584.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.700	6.601	6.801	53.040	50.000	6.1
4,4'-DDE	6.191	6.092	6.292	53.320	50.000	6.6
4,4'-DDT	7.016	6.917	7.117	46.000	50.000	-8.0
Aldrin	5.265	5.166	5.366	54.210	50.000	8.4
alpha-BHC	3.995	3.895	4.095	55.010	50.000	10.0
alpha-Chlordane	6.021	5.922	6.122	52.550	50.000	5.1
beta-BHC	4.512	4.413	4.613	52.780	50.000	5.6
Decachlorobiphenyl	9.066	8.968	9.168	48.260	50.000	-3.5
delta-BHC	4.759	4.661	4.861	54.970	50.000	9.9
Dieldrin	6.341	6.243	6.443	52.660	50.000	5.3
Endosulfan I	6.068	5.970	6.170	52.350	50.000	4.7
Endosulfan II	6.781	6.682	6.882	53.060	50.000	6.1
Endosulfan sulfate	7.144	7.046	7.246	49.180	50.000	-1.6
Endrin	6.568	6.469	6.669	52.810	50.000	5.6
Endrin aldehyde	6.910	6.811	7.011	52.060	50.000	4.1
Endrin ketone	7.625	7.527	7.727	49.180	50.000	-1.6
gamma-BHC (Lindane)	4.325	4.226	4.426	54.580	50.000	9.2
gamma-Chlordane	5.940	5.842	6.042	53.460	50.000	6.9
Heptachlor	4.924	4.825	5.025	44.400	50.000	-11.2
Heptachlor epoxide	5.685	5.586	5.786	52.400	50.000	4.8
Methoxychlor	7.488	7.390	7.590	42.200	50.000	-15.6
Tetrachloro-m-xylene	3.545	3.446	3.646	51.250	50.000	2.5

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/14/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD090584.D **Time Analyzed:** 14:59

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.921	5.822	6.022	53.740	50.000	7.5
4,4'-DDE	5.366	5.268	5.468	55.250	50.000	10.5
4,4'-DDT	6.174	6.076	6.276	47.930	50.000	-4.1
Aldrin	4.361	4.262	4.462	55.830	50.000	11.7
alpha-BHC	3.387	3.288	3.488	56.010	50.000	12.0
alpha-Chlordane	5.182	5.083	5.283	54.970	50.000	9.9
beta-BHC	4.019	3.920	4.120	54.740	50.000	9.5
Decachlorobiphenyl	8.061	7.964	8.164	46.220	50.000	-7.6
delta-BHC	4.255	4.156	4.356	55.200	50.000	10.4
Dieldrin	5.504	5.406	5.606	54.380	50.000	8.8
Endosulfan I	5.238	5.140	5.340	53.050	50.000	6.1
Endosulfan II	6.072	5.973	6.173	53.430	50.000	6.9
Endosulfan sulfate	6.474	6.375	6.575	50.820	50.000	1.6
Endrin	5.781	5.682	5.882	54.390	50.000	8.8
Endrin aldehyde	6.250	6.152	6.352	53.790	50.000	7.6
Endrin ketone	6.983	6.884	7.084	49.590	50.000	-0.8
gamma-BHC (Lindane)	3.723	3.624	3.824	55.500	50.000	11.0
gamma-Chlordane	5.117	5.018	5.218	55.300	50.000	10.6
Heptachlor	4.075	3.976	4.176	50.440	50.000	0.9
Heptachlor epoxide	4.865	4.766	4.966	54.380	50.000	8.8
Methoxychlor	6.745	6.646	6.846	44.530	50.000	-10.9
Tetrachloro-m-xylene	2.875	2.776	2.976	53.770	50.000	7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 14:59
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: Oct 15 07:39:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	166.6E6	1476.0E6	51.247	53.771
28)	SA Decachlor...	9.066	8.061	232.8E6	1498.1E6	48.257	46.218
	Target Compounds						
2)	A alpha-BHC	3.995	3.387	384.2E6	2452.1E6	55.014	56.007
3)	MA gamma-BHC...	4.325	3.723	361.1E6	2261.0E6	54.579	55.505
4)	MA Heptachlor	4.924	4.075	293.6E6	2053.8E6	44.399	50.441
5)	MB Aldrin	5.265	4.361	344.2E6	2229.5E6	54.210	55.828
6)	B beta-BHC	4.512	4.019	136.2E6	948.9E6	52.776	54.741
7)	B delta-BHC	4.759	4.255	355.0E6	2279.3E6	54.969m	55.197
8)	B Heptachlo...	5.685	4.865	299.5E6	2004.7E6	52.399	54.380
9)	A Endosulfan I	6.068	5.238	282.7E6	1835.7E6	52.345	53.048
10)	B gamma-Chl...	5.940	5.117	305.4E6	2172.6E6	53.465	55.303
11)	B alpha-Chl...	6.021	5.182	302.7E6	2070.3E6	52.549	54.966
12)	B 4,4'-DDE	6.191	5.366	277.7E6	2114.9E6	53.319	55.251
13)	MA Dieldrin	6.341	5.504	303.6E6	2118.0E6	52.659	54.384
14)	MA Endrin	6.568	5.781	258.4E6	1948.9E6	52.805	54.391
15)	B Endosulfa...	6.781	6.072	258.8E6	1803.2E6	53.064	53.427
16)	A 4,4'-DDD	6.700	5.921	217.4E6	1742.7E6	53.043	53.740
17)	MA 4,4'-DDT	7.016	6.174	204.8E6	1647.7E6	46.001	47.927
18)	B Endrin al...	6.910	6.250	178.6E6	1266.5E6	52.058	53.788
19)	B Endosulfa...	7.144	6.474	226.3E6	1661.3E6	49.184	50.819
20)	A Methoxychlor	7.488	6.745	99442026	774.8E6	42.199	44.525
21)	B Endrin ke...	7.625	6.983	243.3E6	1790.4E6	49.182	49.591
22)	Mirex	8.108	7.176	175.4E6	1339.8E6	47.342	48.531

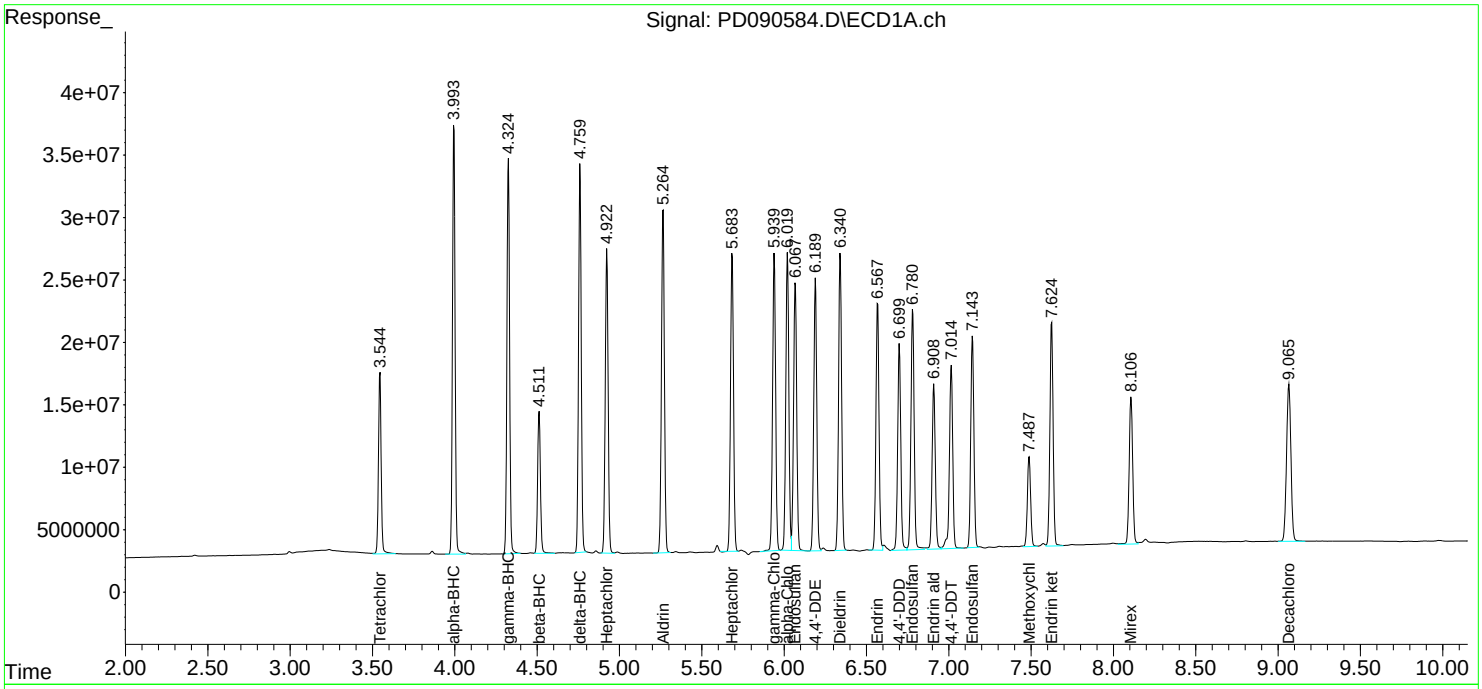
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

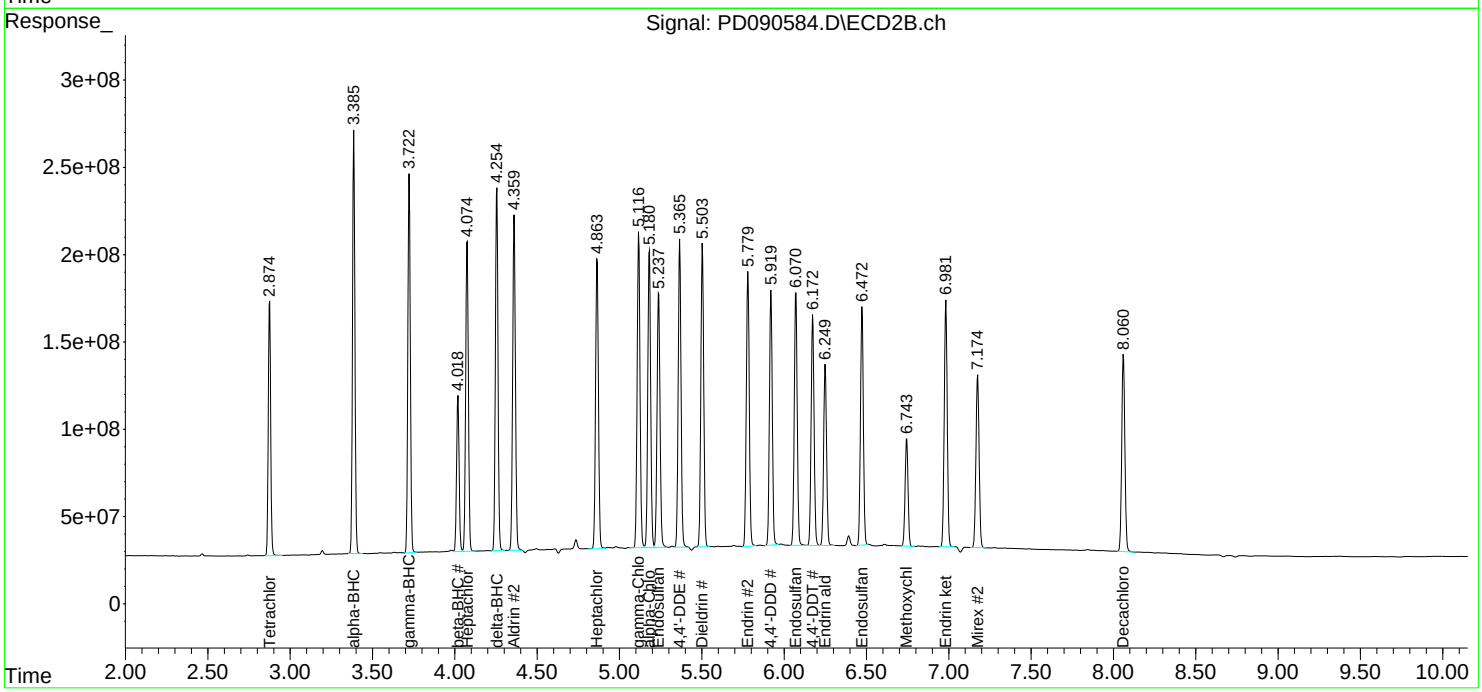
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 14:59
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:39:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PL097614.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/13/2025 **Initial Calibration Date(s):** 10/07/2025 10/07/2025

Continuing Calib Time: 11:45 **Initial Calibration Time(s):** 10:33 11:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	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	0.00
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	6.75	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	6.98	6.88	7.08	0.00
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

Raw Data: **PL097614.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/13/2025 **Initial Calibration Date(s):** 10/07/2025 10/07/2025

Continuing Calib Time: 11:45 **Initial Calibration Time(s):** 10:33 11:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
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	3.95	3.96	3.86	4.06	0.01
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	4.00	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	5.43	5.43	5.33	5.53	0.00
4,4'-DDE	5.29	5.30	5.20	5.40	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	6.39	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	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.04	4.94	5.14	0.00

Raw Data: **PL097614.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097614.D **Time Analyzed:** 11:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.664	6.561	6.761	57.240	50.000	14.5
4,4'-DDE	6.155	6.053	6.253	55.970	50.000	11.9
4,4'-DDT	6.979	6.875	7.075	48.120	50.000	-3.8
Aldrin	5.230	5.129	5.329	55.750	50.000	11.5
alpha-BHC	3.972	3.872	4.072	55.770	50.000	11.5
alpha-Chlordane	5.984	5.882	6.082	53.710	50.000	7.4
beta-BHC	4.488	4.387	4.587	55.610	50.000	11.2
Decachlorobiphenyl	9.003	8.895	9.095	52.430	50.000	4.9
delta-BHC	4.733	4.632	4.832	55.080	50.000	10.2
Dieldrin	6.305	6.202	6.402	54.110	50.000	8.2
Endosulfan I	6.032	5.930	6.130	53.890	50.000	7.8
Endosulfan II	6.745	6.641	6.841	48.340	50.000	-3.3
Endosulfan sulfate	7.108	7.004	7.204	52.810	50.000	5.6
Endrin	6.531	6.428	6.628	50.160	50.000	0.3
Endrin aldehyde	6.874	6.771	6.971	53.060	50.000	6.1
Endrin ketone	7.587	7.483	7.683	54.430	50.000	8.9
gamma-BHC (Lindane)	4.299	4.200	4.400	54.960	50.000	9.9
gamma-Chlordane	5.904	5.802	6.002	54.780	50.000	9.6
Heptachlor	4.891	4.790	4.990	52.050	50.000	4.1
Heptachlor epoxide	5.650	5.548	5.748	50.110	50.000	0.2
Methoxychlor	7.452	7.348	7.548	45.510	50.000	-9.0
Tetrachloro-m-xylene	3.525	3.425	3.625	54.530	50.000	9.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097614.D **Time Analyzed:** 11:45

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.746	5.946	53.340	50.000	6.7
4,4'-DDE	5.294	5.195	5.395	52.170	50.000	4.3
4,4'-DDT	6.099	5.999	6.199	45.480	50.000	-9.0
Aldrin	4.286	4.188	4.388	52.340	50.000	4.7
alpha-BHC	3.325	3.228	3.428	54.090	50.000	8.2
alpha-Chlordane	5.105	5.006	5.206	50.490	50.000	1.0
beta-BHC	3.953	3.855	4.055	51.570	50.000	3.1
Decachlorobiphenyl	7.983	7.880	8.080	45.440	50.000	-9.1
delta-BHC	4.186	4.087	4.287	53.000	50.000	6.0
Dieldrin	5.425	5.325	5.525	50.270	50.000	0.5
Endosulfan I	5.160	5.061	5.261	51.700	50.000	3.4
Endosulfan II	5.992	5.891	6.091	52.390	50.000	4.8
Endosulfan sulfate	6.393	6.293	6.493	49.470	50.000	-1.1
Endrin	5.699	5.599	5.799	46.780	50.000	-6.4
Endrin aldehyde	6.170	6.069	6.269	45.480	50.000	-9.0
Endrin ketone	6.898	6.797	6.997	46.840	50.000	-6.3
gamma-BHC (Lindane)	3.657	3.559	3.759	53.350	50.000	6.7
gamma-Chlordane	5.041	4.942	5.142	49.720	50.000	-0.6
Heptachlor	4.004	3.907	4.107	50.650	50.000	1.3
Heptachlor epoxide	4.789	4.690	4.890	51.580	50.000	3.2
Methoxychlor	6.672	6.571	6.771	42.270	50.000	-15.5
Tetrachloro-m-xylene	2.820	2.723	2.923	53.400	50.000	6.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 11:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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	2.820	222.3E6	325.0E6	54.533	53.396
28) SA	Decachlor...	9.003	7.983	155.9E6	235.8E6	52.425	45.437
	Target Compounds						
2) A	alpha-BHC	3.972	3.325	376.2E6	533.7E6	55.772	54.087
3) MA	gamma-BHC...	4.299	3.657	349.3E6	490.1E6	54.960	53.350
4) MA	Heptachlor	4.891	4.004	335.8E6	465.6E6	52.049	50.649
5) MB	Aldrin	5.230	4.286	335.2E6	453.9E6	55.749	52.339
6) B	beta-BHC	4.488	3.953	143.8E6	205.2E6	55.607	51.571
7) B	delta-BHC	4.733	4.186	334.5E6	478.8E6	55.082	53.005
8) B	Heptachlo...	5.650	4.789	291.7E6	407.4E6	50.109	51.577
9) A	Endosulfan I	6.032	5.160	267.9E6	381.2E6	53.895	51.695
10) B	gamma-Chl...	5.904	5.041	297.3E6	432.2E6	54.780	49.721
11) B	alpha-Chl...	5.984	5.105	291.4E6	420.5E6	53.708	50.491
12) B	4,4'-DDE	6.155	5.294	260.7E6	396.1E6	55.968	52.168
13) MA	Dieldrin	6.305	5.425	284.6E6	415.6E6	54.107	50.270
14) MA	Endrin	6.531	5.699	224.4E6	346.2E6	50.162	46.781
15) B	Endosulfa...	6.745	5.992	236.5E6	361.7E6	48.336	52.388
16) A	4,4'-DDD	6.664	5.847	216.0E6	340.3E6	57.239m	53.340
17) MA	4,4'-DDT	6.979	6.099	195.1E6	303.1E6	48.125	45.485
18) B	Endrin al...	6.874	6.170	173.9E6	261.9E6	53.061	45.483
19) B	Endosulfa...	7.108	6.393	211.8E6	329.3E6	52.812	49.465
20) A	Methoxychlor	7.452	6.672	95069659	154.1E6	45.510	42.269
21) B	Endrin ke...	7.587	6.898	233.1E6	370.0E6	54.433	46.842
22)	Mirex	8.065	7.088	152.9E6	251.7E6	49.197	47.050

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 11:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

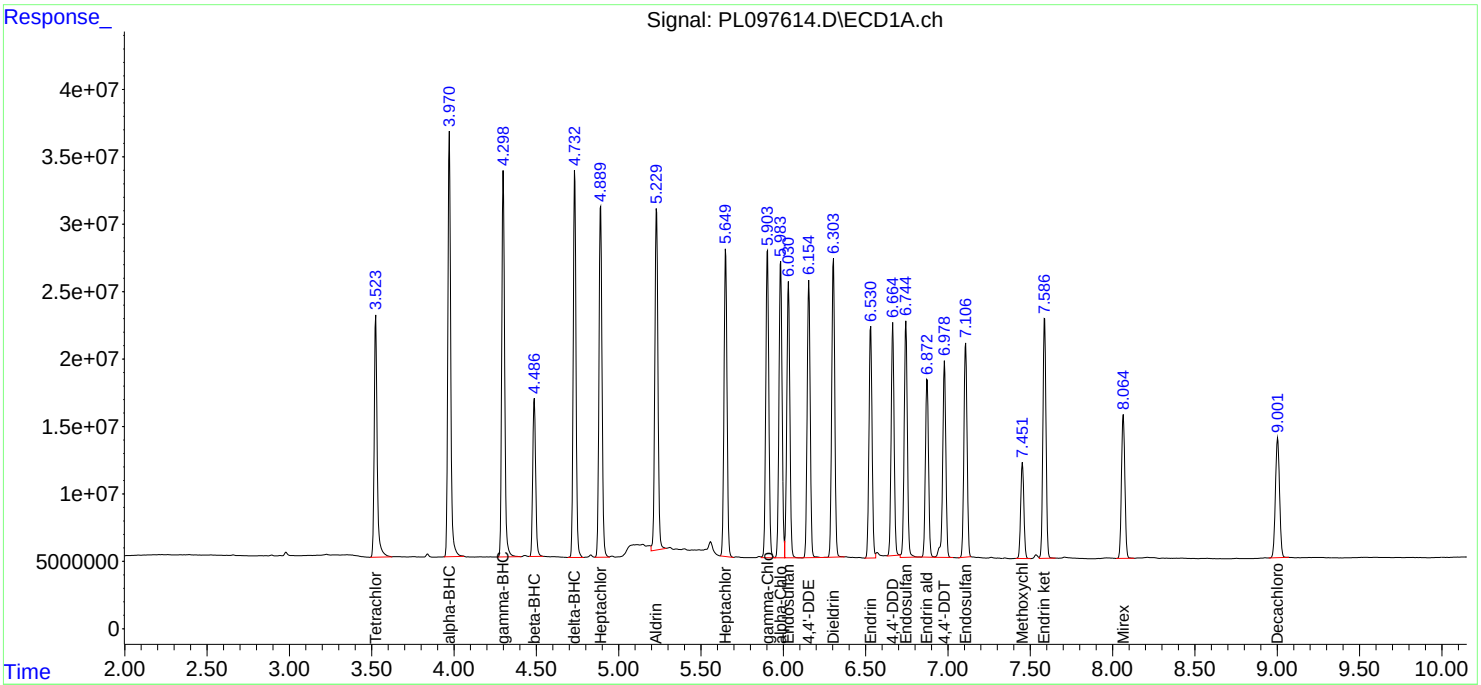
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

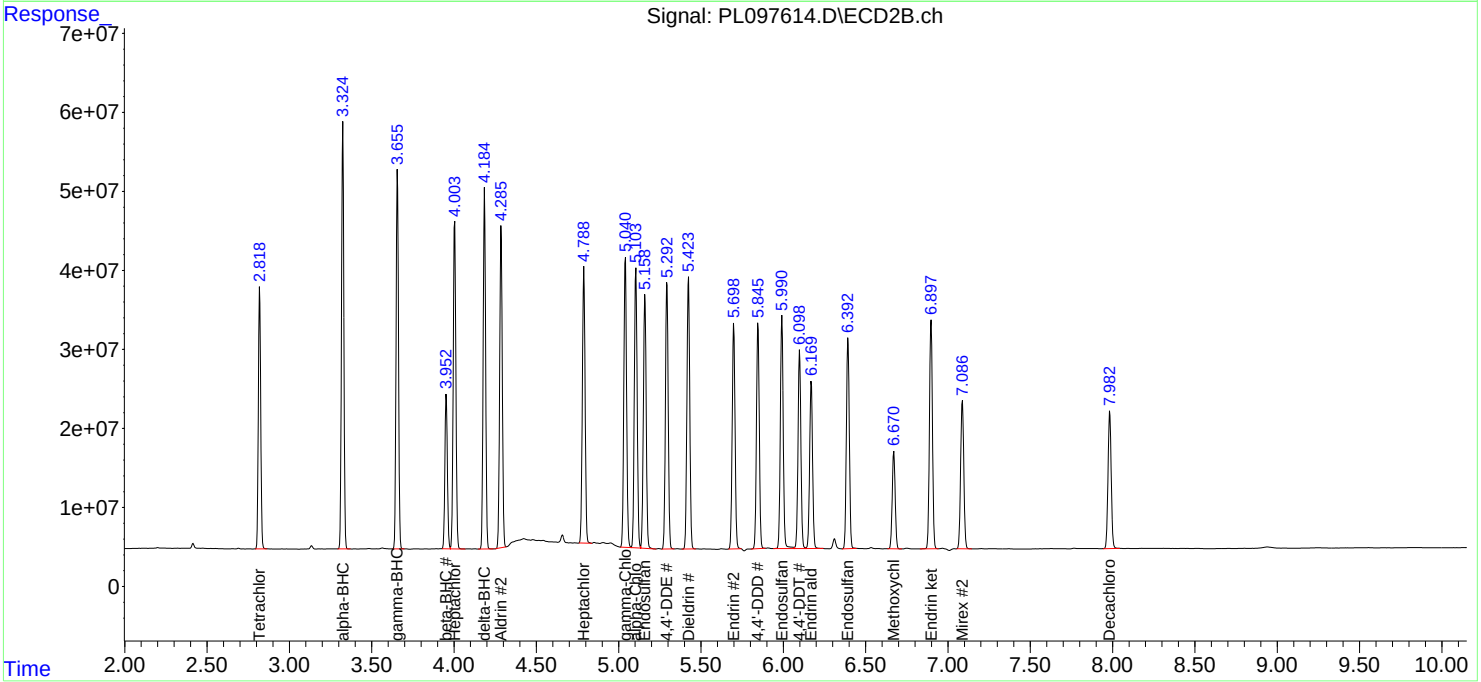
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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





Raw Data: **PL097623.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/13/2025 **Initial Calibration Date(s):** 10/07/2025 10/07/2025

Continuing Calib Time: 15:14 **Initial Calibration Time(s):** 10:33 11:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	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	6.30	6.30	6.20	6.40	0.00
4,4'-DDE	6.15	6.15	6.05	6.25	0.00
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	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.58	7.48	7.68	0.00
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

Raw Data: **PL097623.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Continuing Calib Date: 10/13/2025 **Initial Calibration Date(s):** 10/07/2025 10/07/2025

Continuing Calib Time: 15:14 **Initial Calibration Time(s):** 10:33 11:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
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	3.96	3.86	4.06	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	5.43	5.33	5.53	0.00
4,4'-DDE	5.30	5.30	5.20	5.40	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	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.04	4.94	5.14	0.00

Raw Data: **PL097623.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097623.D **Time Analyzed:** 15:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	6.663	6.561	6.761	57.400	50.000	14.8
4,4'-DDE	6.154	6.053	6.253	54.690	50.000	9.4
4,4'-DDT	6.976	6.875	7.075	47.290	50.000	-5.4
Aldrin	5.229	5.129	5.329	53.300	50.000	6.6
alpha-BHC	3.972	3.872	4.072	54.810	50.000	9.6
alpha-Chlordane	5.983	5.882	6.082	52.800	50.000	5.6
beta-BHC	4.488	4.387	4.587	55.130	50.000	10.3
Decachlorobiphenyl	8.997	8.895	9.095	51.630	50.000	3.3
delta-BHC	4.733	4.632	4.832	54.310	50.000	8.6
Dieldrin	6.303	6.202	6.402	53.240	50.000	6.5
Endosulfan I	6.030	5.930	6.130	52.910	50.000	5.8
Endosulfan II	6.742	6.641	6.841	47.670	50.000	-4.7
Endosulfan sulfate	7.105	7.004	7.204	52.430	50.000	4.9
Endrin	6.529	6.428	6.628	49.470	50.000	-1.1
Endrin aldehyde	6.872	6.771	6.971	53.270	50.000	6.5
Endrin ketone	7.584	7.483	7.683	53.910	50.000	7.8
gamma-BHC (Lindane)	4.300	4.200	4.400	54.350	50.000	8.7
gamma-Chlordane	5.903	5.802	6.002	53.600	50.000	7.2
Heptachlor	4.890	4.790	4.990	50.770	50.000	1.5
Heptachlor epoxide	5.649	5.548	5.748	50.280	50.000	0.6
Methoxychlor	7.449	7.348	7.548	45.200	50.000	-9.6
Tetrachloro-m-xylene	3.525	3.425	3.625	54.140	50.000	8.3

Raw Data: **PL097623.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/13/2025

Lab Sample No.: PSTDCCC050 **Data File :** PL097623.D **Time Analyzed:** 15:14

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
4,4'-DDD	5.847	5.746	5.946	54.070	50.000	8.1
4,4'-DDE	5.295	5.195	5.395	52.380	50.000	4.8
4,4'-DDT	6.100	5.999	6.199	45.220	50.000	-9.6
Aldrin	4.289	4.188	4.388	53.120	50.000	6.2
alpha-BHC	3.328	3.228	3.428	54.160	50.000	8.3
alpha-Chlordane	5.106	5.006	5.206	51.300	50.000	2.6
beta-BHC	3.956	3.855	4.055	52.040	50.000	4.1
Decachlorobiphenyl	7.981	7.880	8.080	45.710	50.000	-8.6
delta-BHC	4.188	4.087	4.287	53.620	50.000	7.2
Dieldrin	5.425	5.325	5.525	50.860	50.000	1.7
Endosulfan I	5.161	5.061	5.261	52.090	50.000	4.2
Endosulfan II	5.992	5.891	6.091	51.250	50.000	2.5
Endosulfan sulfate	6.393	6.293	6.493	50.040	50.000	0.1
Endrin	5.700	5.599	5.799	47.120	50.000	-5.8
Endrin aldehyde	6.170	6.069	6.269	46.440	50.000	-7.1
Endrin ketone	6.898	6.797	6.997	46.960	50.000	-6.1
gamma-BHC (Lindane)	3.659	3.559	3.759	53.500	50.000	7.0
gamma-Chlordane	5.042	4.942	5.142	51.250	50.000	2.5
Heptachlor	4.007	3.907	4.107	50.810	50.000	1.6
Heptachlor epoxide	4.791	4.690	4.890	51.990	50.000	4.0
Methoxychlor	6.671	6.571	6.771	43.120	50.000	-13.8
Tetrachloro-m-xylene	2.823	2.723	2.923	52.960	50.000	5.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 15:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:24:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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	2.823	220.7E6	322.3E6	54.142	52.956
28) SA	Decachlor...	8.997	7.981	153.5E6	237.2E6	51.630	45.713
	Target Compounds						
2) A	alpha-BHC	3.972	3.328	369.7E6	534.4E6	54.811	54.156
3) MA	gamma-BHC...	4.300	3.659	345.4E6	491.6E6	54.345	53.504
4) MA	Heptachlor	4.890	4.007	327.5E6	467.1E6	50.772	50.814
5) MB	Aldrin	5.229	4.289	320.5E6	460.7E6	53.300	53.124
6) B	beta-BHC	4.488	3.956	142.5E6	207.0E6	55.126	52.042
7) B	delta-BHC	4.733	4.188	329.8E6	484.4E6	54.314	53.620
8) B	Heptachlo...	5.649	4.791	292.8E6	410.6E6	50.284	51.985
9) A	Endosulfan I	6.030	5.161	263.0E6	384.1E6	52.911	52.086
10) B	gamma-Chl...	5.903	5.042	290.9E6	445.5E6	53.604	51.250
11) B	alpha-Chl...	5.983	5.106	286.5E6	427.2E6	52.804	51.296
12) B	4,4'-DDE	6.154	5.295	254.7E6	397.7E6	54.688	52.378
13) MA	Dieldrin	6.303	5.425	280.1E6	420.5E6	53.244	50.860
14) MA	Endrin	6.529	5.700	221.3E6	348.8E6	49.471	47.123
15) B	Endosulfa...	6.742	5.992	233.2E6	353.9E6	47.666	51.248
16) A	4,4'-DDD	6.663	5.847	216.6E6	344.9E6	57.397	54.070
17) MA	4,4'-DDT	6.976	6.100	191.7E6	301.3E6	47.289	45.220
18) B	Endrin al...	6.872	6.170	174.6E6	267.4E6	53.274	46.438
19) B	Endosulfa...	7.105	6.393	210.2E6	333.2E6	52.426	50.044
20) A	Methoxychlor	7.449	6.671	94418879	157.2E6	45.198	43.124
21) B	Endrin ke...	7.584	6.898	230.8E6	371.0E6	53.909	46.958
22)	Mirex	8.061	7.087	151.2E6	254.2E6	48.643	47.515

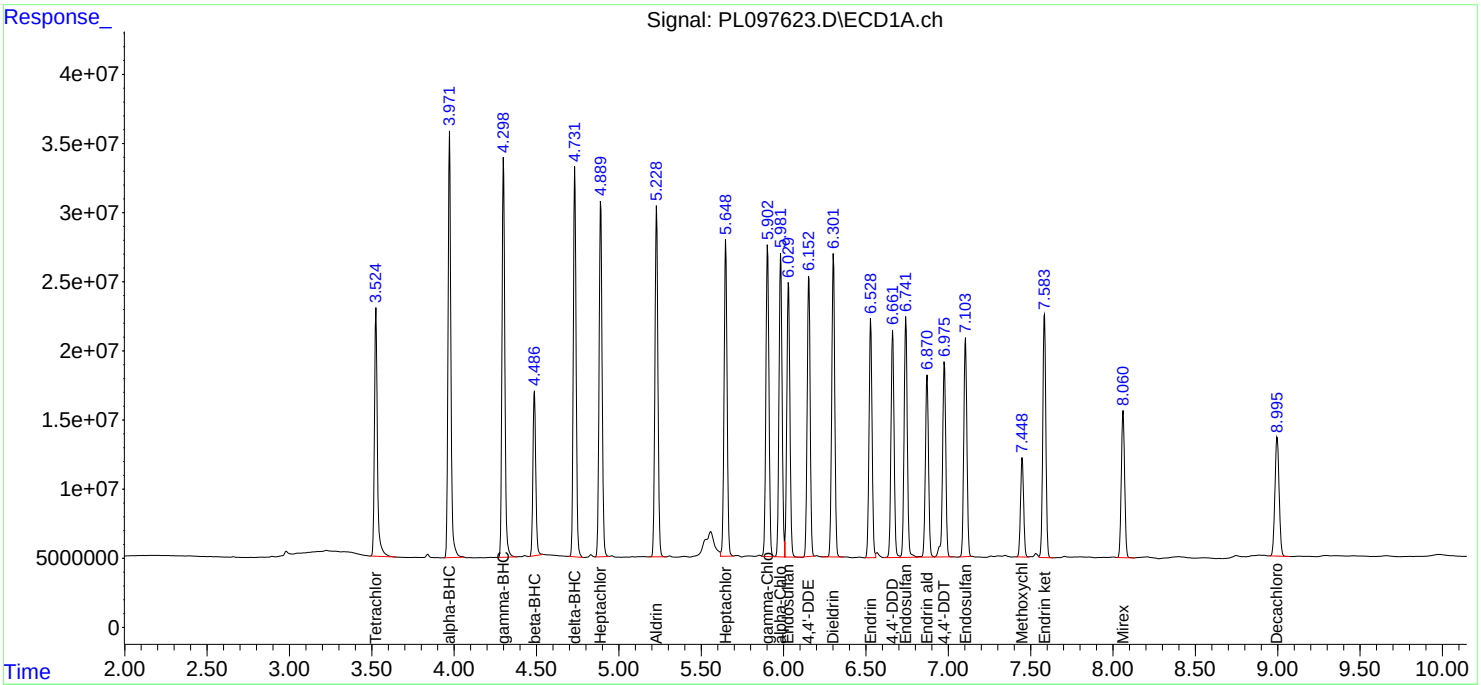
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

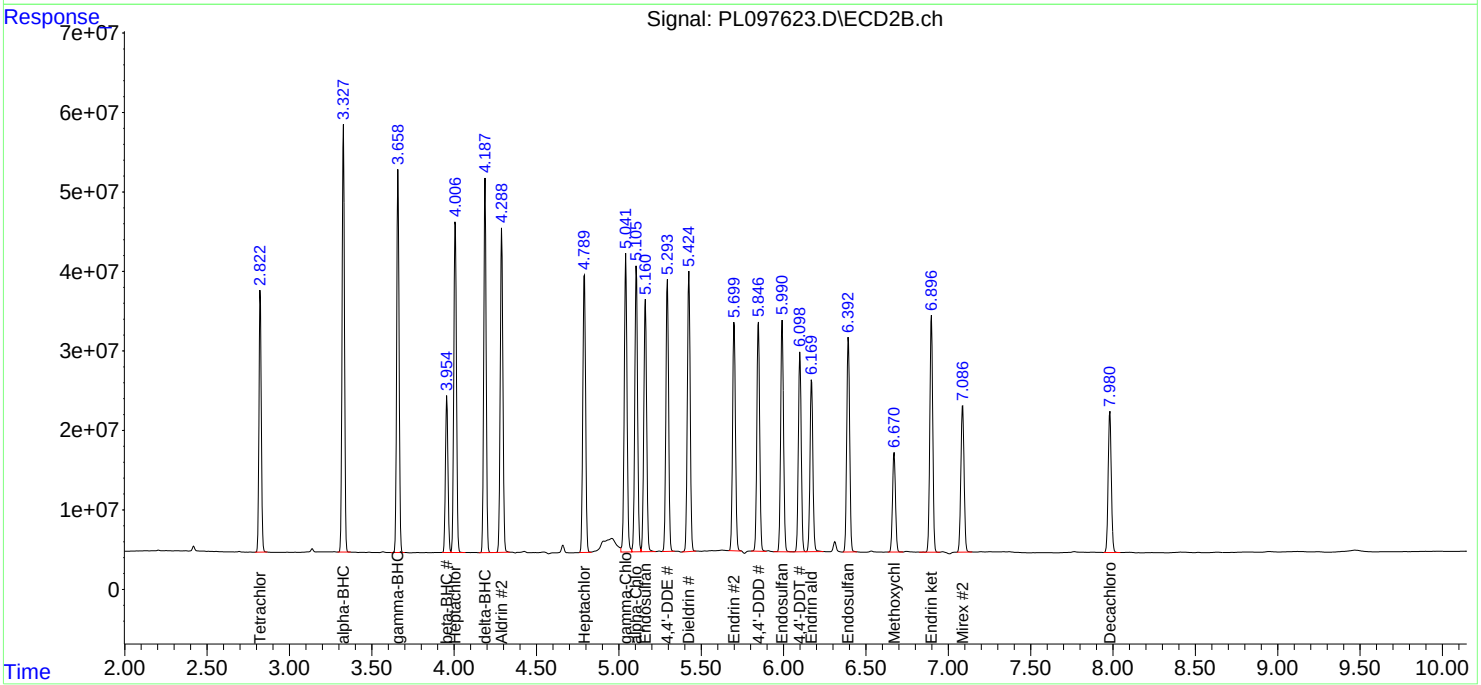
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 15:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:24:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090328.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:03

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.066	8.970	9.170	16.390	20.000	-18.1
Tetrachloro-m-xylene	3.546	3.500	3.600	16.190	20.000	-19.1
alpha-BHC	3.995	3.940	4.050	7.010	10.000	-29.9
beta-BHC	4.512	4.460	4.560	7.900	10.000	-21.0
gamma-BHC (Lindane)	4.325	4.270	4.380	7.190	10.000	-28.1
Endrin	6.569	6.500	6.640	38.000	50.000	-24.0
4,4'-DDT	7.016	6.950	7.090	74.700	100.000	-25.3
Methoxychlor	7.489	7.420	7.560	174.520	250.000	-30.2

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090328.D **Date Analyzed:** 09/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:03

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.063	7.960	8.160	15.820	20.000	-20.9
Tetrachloro-m-xylene	2.876	2.830	2.930	15.940	20.000	-20.3
alpha-BHC	3.388	3.340	3.440	8.280	10.000	-17.2
beta-BHC	4.020	3.970	4.070	8.430	10.000	-15.7
gamma-BHC (Lindane)	3.724	3.670	3.770	8.260	10.000	-17.4
Endrin	5.782	5.710	5.850	37.930	50.000	-24.1
4,4'-DDT	6.176	6.110	6.250	73.820	100.000	-26.2
Methoxychlor	6.746	6.680	6.820	155.590	250.000	-37.8

PEM

Data File: PD090328.D **Date Acquired** 9/18/2025 10:03

Operator: AR\AJ

ENDRIN BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down** Down
Endrin	6.57	185982244.3	190943546	4961301.7	**2.60**
Endrin aldehyde	6.91	866602.768			
Endrin ketone	7.63	4094698.937			

Column #2

Name	**RT**	**Response**	**Response [E+EA+EK]**	**Response [EA+EK]**	**% Break Down**
Endrin #2	5.78	1358982336	1403287997	44305661	**3.16**
Endrin aldehyde #2	6.25	15992666.68			
Endrin ketone #2	6.98	28312994.3			

DDT BREAK DOWN

Column #1

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT	7.02	332607789.5	335744897.9	3137108.44	**0.93**
4,4'-DDE	0.00	0			
4,4'-DDD	6.70	3137108.439			

Column #2

Name	**RT**	**Response**	**Response [DDT+DDE+DDD**	**Response [DDE+DDD]**	**% Break Down**
4,4'-DDT #2	6.18	2537873822	2570934646	33060823.6	**1.29**
4,4'-DDE #2	0.00	0			
4,4'-DDD #2	5.92	33060823.6			

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.876	52614883	437.5E6	16.187	15.938	
28)	SA Decachlor...	9.066	8.063	79104389	512.8E6	16.395	15.820	
	Target Compounds							
2)	A alpha-BHC	3.995	3.388	48940172	362.6E6	7.007	8.282	
3)	MA gamma-BHC...	4.325	3.724	47568494	336.3E6	7.189	8.255	
6)	B beta-BHC	4.512	4.020	20379483	146.1E6	7.899	8.429	
14)	MA Endrin	6.569	5.782	186.0E6	1359.0E6	38.003	37.926	
16)	A 4,4'-DDD	6.699	5.923	3137108	33060824	0.766m	1.020	#
17)	MA 4,4'-DDT	7.016	6.176	332.6E6	2537.9E6	74.702	73.820	
18)	B Endrin al...	6.909	6.249	866603	15992667	0.253m	0.679	#
20)	A Methoxychlor	7.489	6.746	411.3E6	2707.3E6	174.521	155.591	
21)	B Endrin ke...	7.626	6.983	4094699	28312994	0.828	0.784	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 10:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

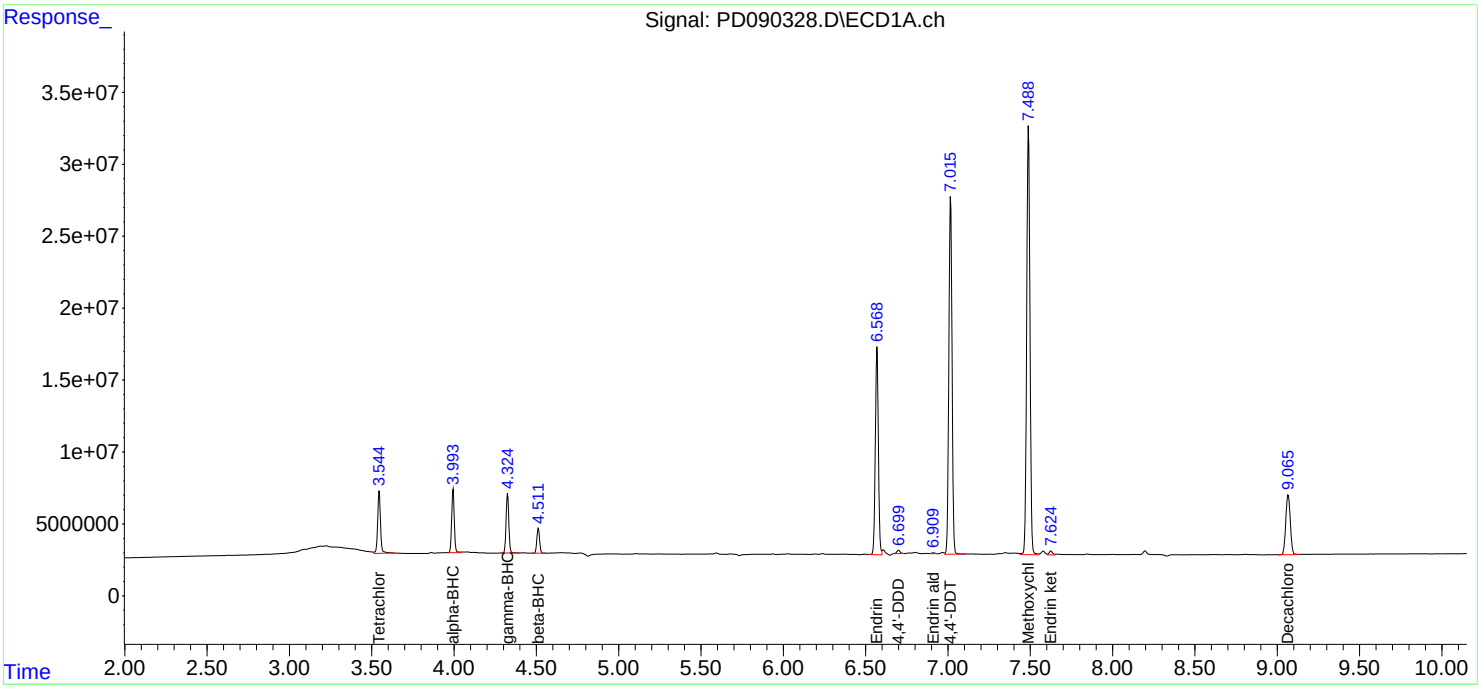
Instrument :
ECD_D
ClientSampleId :
PEM

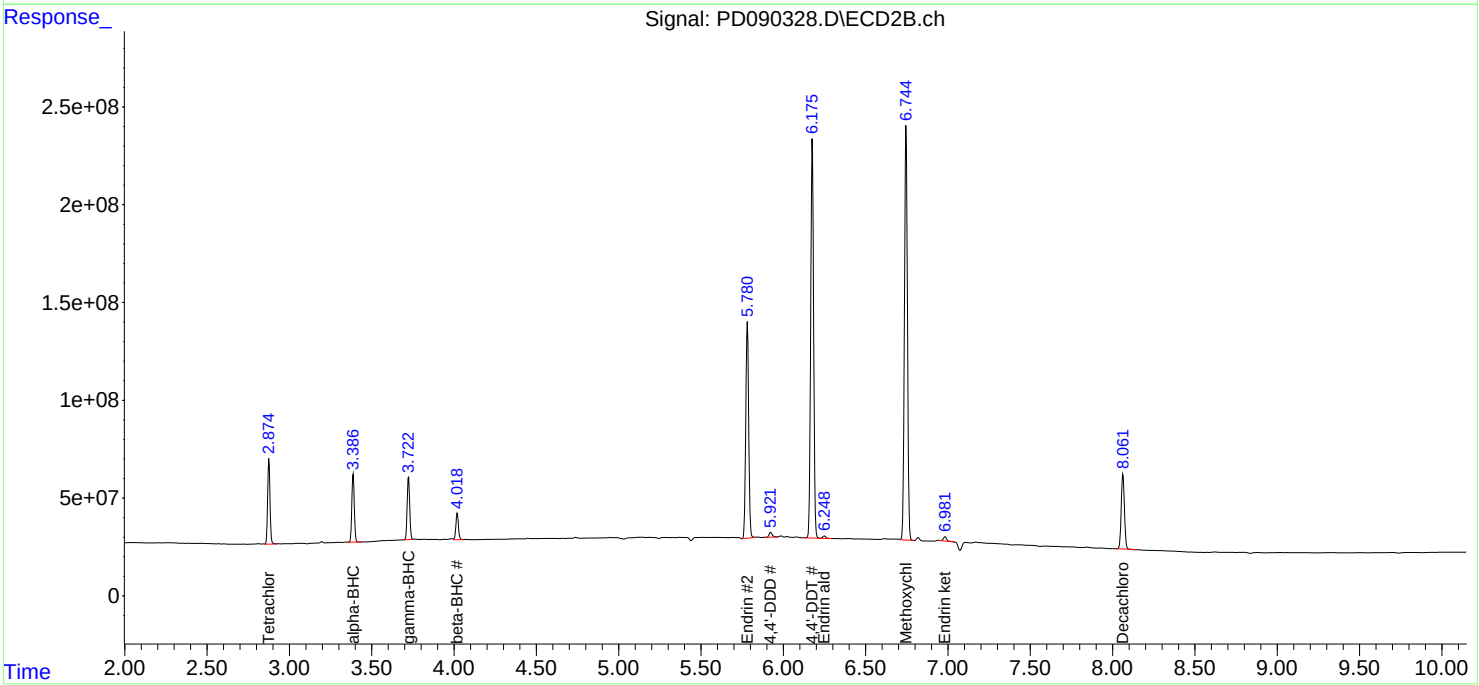
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 09/19/2025
Supervised By :mohammad ahmed 09/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090572.D **Date Analyzed:** 10/14/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:40

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.065	8.960	9.170	16.070	20.000	-19.7
Tetrachloro-m-xylene	3.544	3.490	3.590	15.820	20.000	-20.9
alpha-BHC	3.994	3.940	4.040	6.840	10.000	-31.6
beta-BHC	4.512	4.460	4.560	7.840	10.000	-21.6
gamma-BHC (Lindane)	4.324	4.270	4.370	7.100	10.000	-29.0
Endrin	6.569	6.500	6.640	37.260	50.000	-25.5
4,4'-DDT	7.016	6.950	7.090	69.960	100.000	-30.0
Methoxychlor	7.489	7.420	7.560	159.300	250.000	-36.3

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PD090572.D **Date Analyzed:** 10/14/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:40

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.061	7.960	8.160	16.880	20.000	-15.6
Tetrachloro-m-xylene	2.874	2.820	2.920	16.980	20.000	-15.1
alpha-BHC	3.386	3.340	3.440	8.840	10.000	-11.6
beta-BHC	4.018	3.970	4.070	8.920	10.000	-10.8
gamma-BHC (Lindane)	3.722	3.670	3.770	8.870	10.000	-11.3
Endrin	5.780	5.710	5.850	41.220	50.000	-17.6
4,4'-DDT	6.174	6.100	6.240	76.690	100.000	-23.3
Methoxychlor	6.743	6.670	6.810	150.900	250.000	-39.6

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 10:40
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: Oct 15 07:35:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	51435676	466.0E6	15.824	16.977
28)	SA Decachlor...	9.065	8.061	77539469	547.1E6	16.070	16.879
	Target Compounds						
2)	A alpha-BHC	3.994	3.386	47753749	386.9E6	6.837	8.837 #
3)	MA gamma-BHC...	4.324	3.722	47008789	361.4E6	7.104	8.871
6)	B beta-BHC	4.512	4.018	20235321	154.6E6	7.843	8.918
12)	B 4,4'-DDE	6.189	5.365	529395	6509193	0.102	0.170m#
14)	MA Endrin	6.569	5.780	182.4E6	1477.0E6	37.264	41.221
16)	A 4,4'-DDD	6.700	5.921	8828639	34420432	2.154	1.061 #
17)	MA 4,4'-DDT	7.016	6.174	311.5E6	2636.6E6	69.957	76.691
18)	B Endrin al...	6.912	6.247	1264555	15110618	0.369m	0.642 #
20)	A Methoxychlor	7.489	6.743	375.4E6	2625.7E6	159.295	150.902
21)	B Endrin ke...	7.625	6.980	3197729	24735040	0.646	0.685m

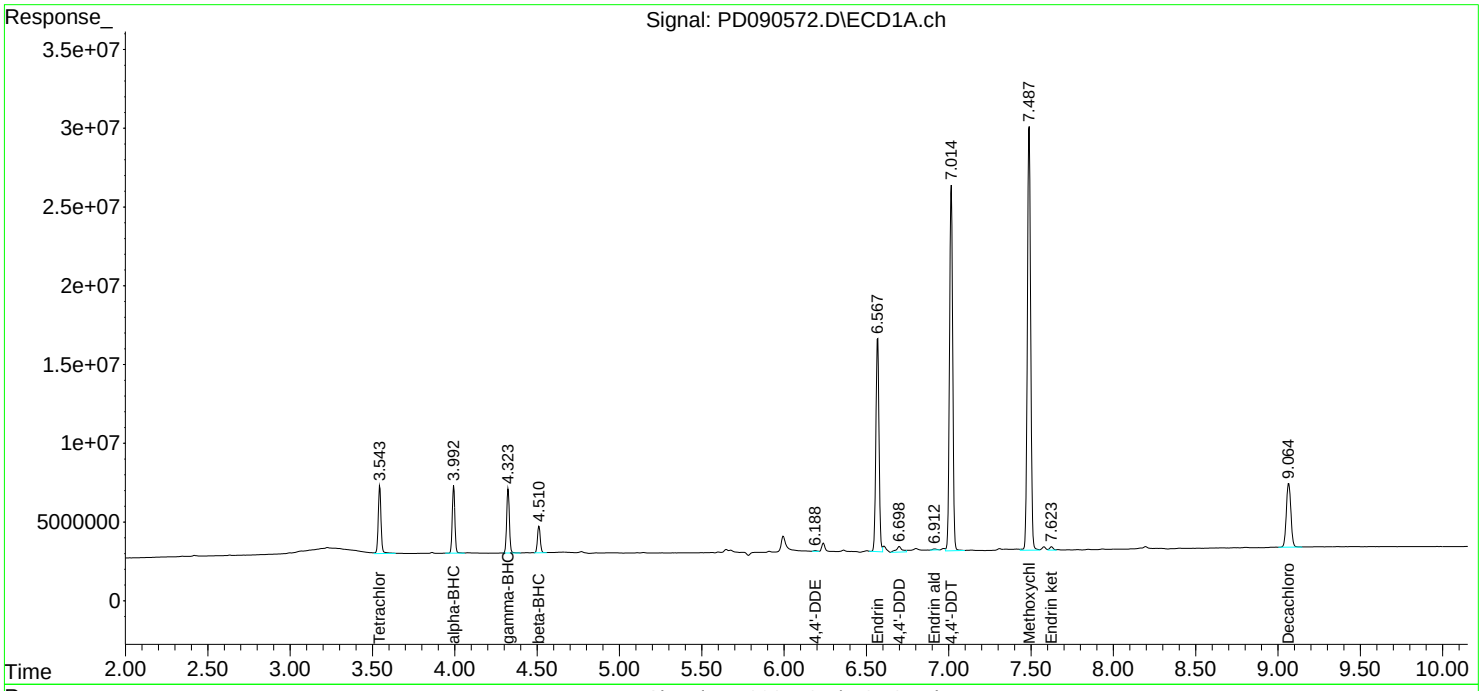
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

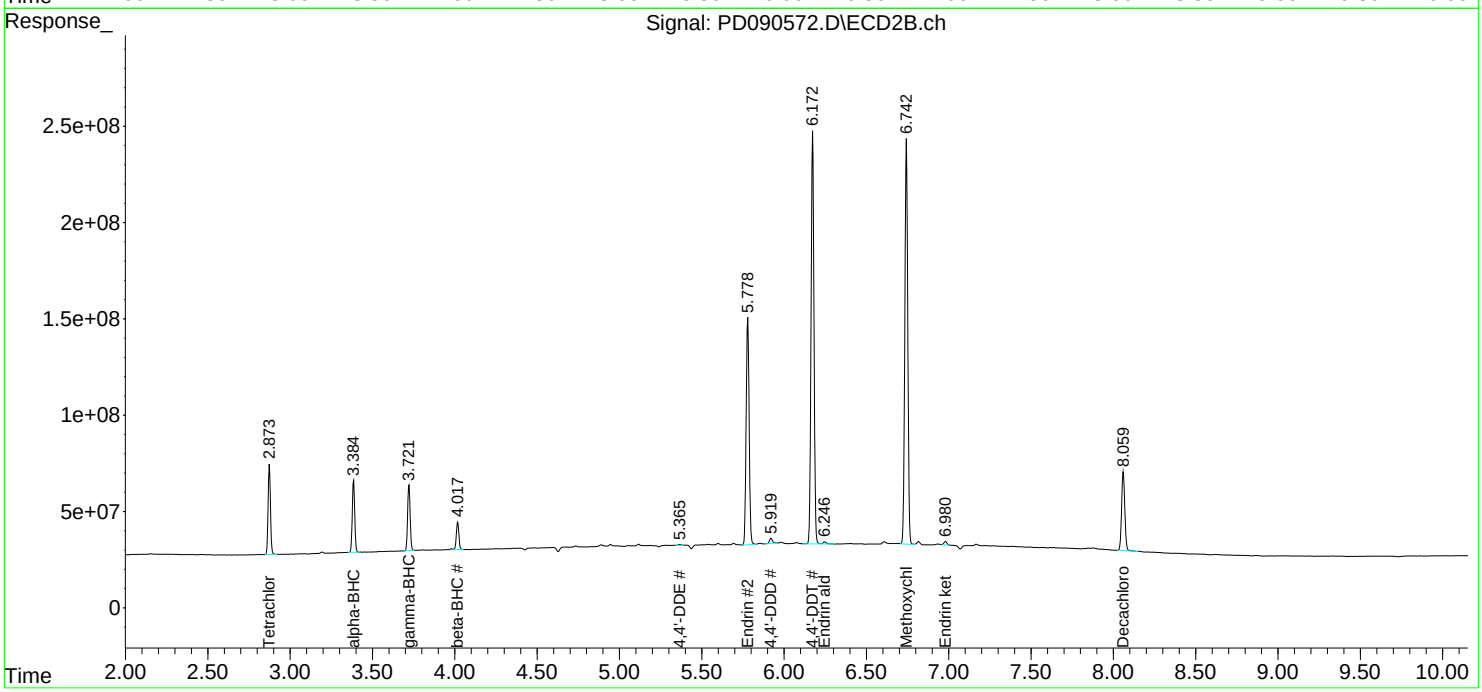
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 10:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:35:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No. (PEM): PEM - PL097524.D **Date Analyzed:** 10/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:06

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.995	8.890	9.100	22.480	20.000	12.4
Tetrachloro-m-xylene	3.525	3.470	3.580	21.020	20.000	5.1
alpha-BHC	3.972	3.920	4.020	9.250	10.000	-7.5
beta-BHC	4.487	4.440	4.540	9.770	10.000	-2.3
gamma-BHC (Lindane)	4.299	4.250	4.350	9.540	10.000	-4.6
Endrin	6.528	6.460	6.600	49.100	50.000	-1.8
4,4'-DDT	6.976	6.910	7.050	99.450	100.000	-0.6
Methoxychlor	7.449	7.380	7.520	233.030	250.000	-6.8

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No. (PEM): PEM - PL097524.D **Date Analyzed:** 10/07/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:06

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.980	7.880	8.080	21.730	20.000	8.7
Tetrachloro-m-xylene	2.822	2.770	2.870	20.010	20.000	0.1
alpha-BHC	3.327	3.280	3.380	9.920	10.000	-0.8
beta-BHC	3.954	3.900	4.000	9.860	10.000	-1.4
gamma-BHC (Lindane)	3.659	3.610	3.710	9.560	10.000	-4.4
Endrin	5.699	5.630	5.770	48.200	50.000	-3.6
4,4'-DDT	6.098	6.030	6.170	101.840	100.000	1.8
Methoxychlor	6.670	6.600	6.740	214.490	250.000	-14.2

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 14:33:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 14:32:10 2025
Response via : Initial 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	85683400	121.8E6	21.018	20.011	
28)	SA Decachlor...	8.995	7.980	66841952	112.7E6	22.478	21.728	
	Target Compounds							
2)	A alpha-BHC	3.972	3.327	62410931	97859114	9.252	9.918	
3)	MA gamma-BHC...	4.299	3.659	60643492	87784486	9.541	9.555	
6)	B beta-BHC	4.487	3.954	25254750	39230868	9.768	9.862	
14)	MA Endrin	6.528	5.699	219.7E6	356.7E6	49.099	48.195	
16)	A 4,4'-DDD	6.662	5.847	4657332	7034991	1.234	1.103	
17)	MA 4,4'-DDT	6.976	6.098	403.2E6	678.6E6	99.449	101.838	
18)	B Endrin al...	6.872	6.170	1414620	13411474	0.432m	2.329	#
20)	A Methoxychlor	7.449	6.670	486.8E6	781.9E6	233.027	214.495	
21)	B Endrin ke...	7.582	6.895	4108757	13404328	0.960m	1.697	#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

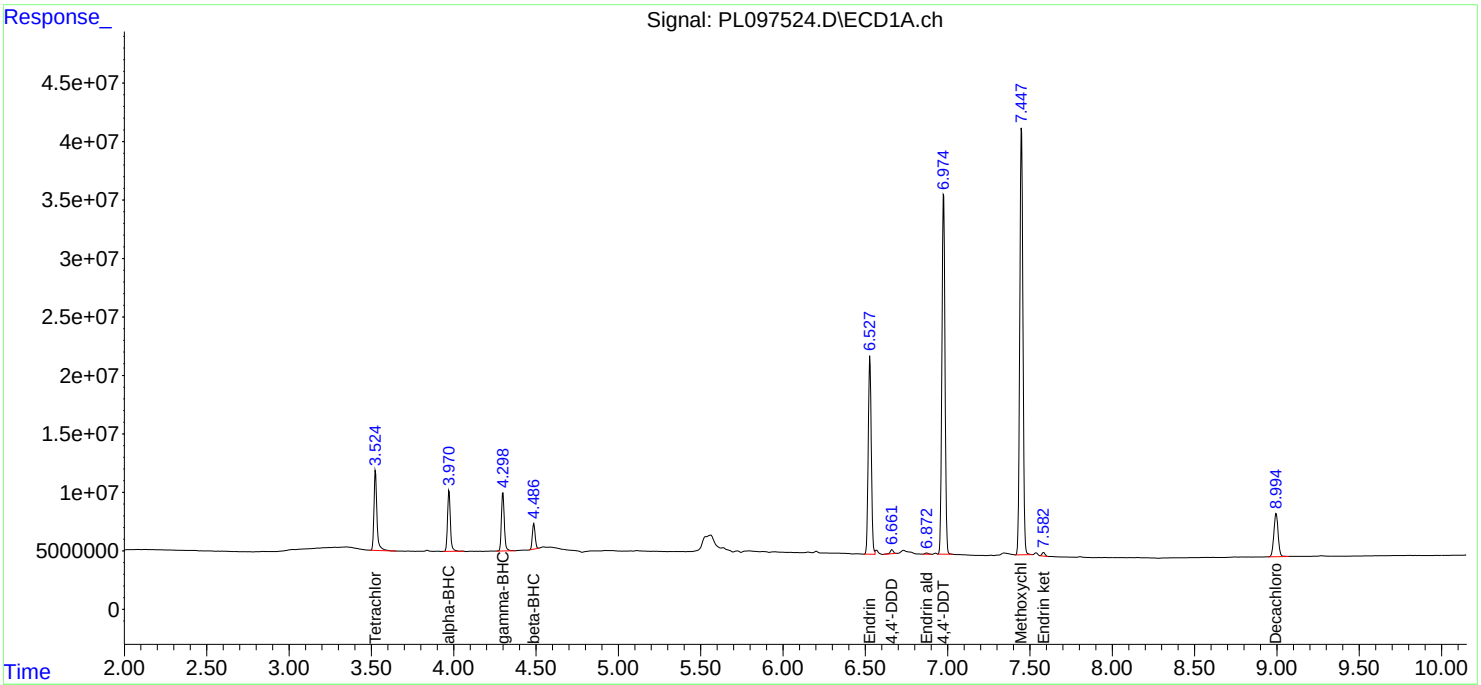
Instrument :
ECD_L
ClientSampleId :
PEM

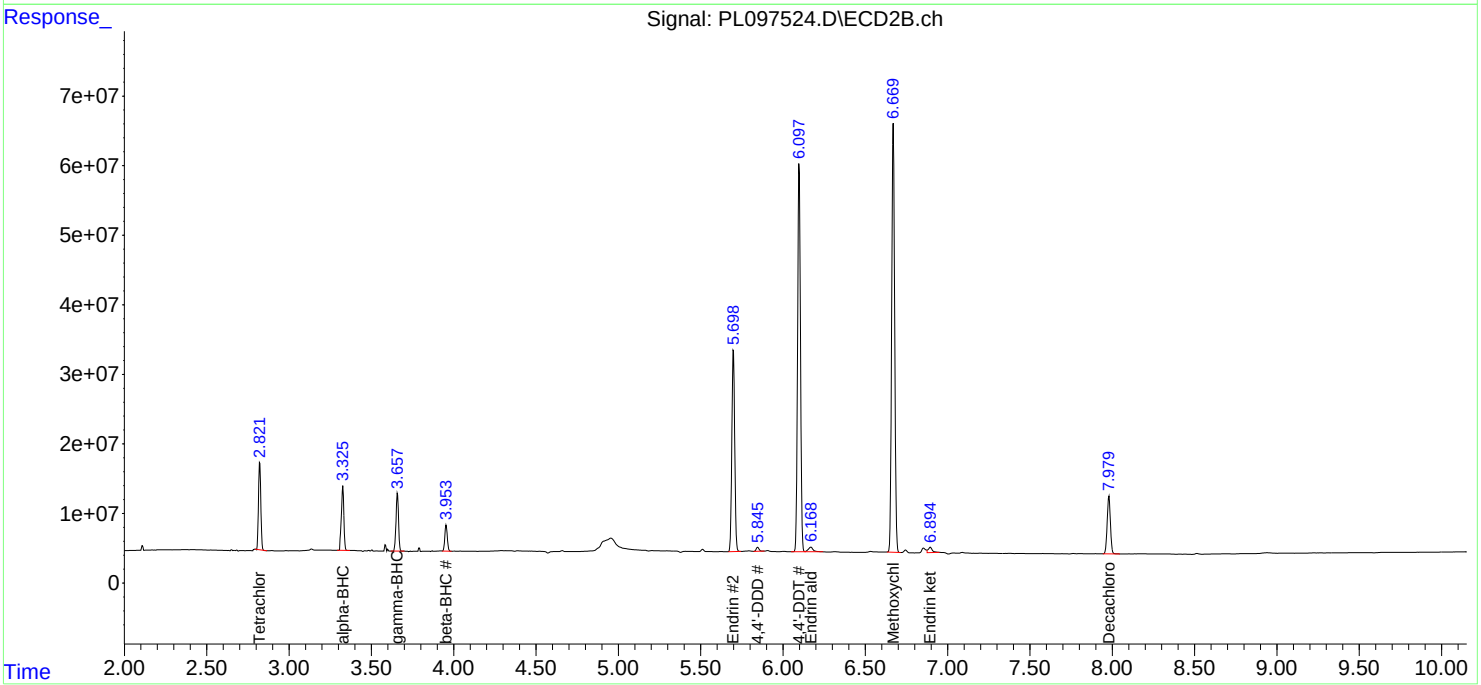
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/08/2025
Supervised By :mohammad ahmed 10/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 14:33:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 14:32:10 2025
Response via : Initial 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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No. (PEM): PEM - PL097613.D **Date Analyzed:** 10/13/2025

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

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.998	8.900	9.100	22.470	20.000	12.4
Tetrachloro-m-xylene	3.525	3.470	3.580	21.650	20.000	8.3
alpha-BHC	3.972	3.920	4.020	9.530	10.000	-4.7
beta-BHC	4.487	4.440	4.540	10.260	10.000	2.6
gamma-BHC (Lindane)	4.299	4.250	4.350	9.740	10.000	-2.6
Endrin	6.529	6.460	6.600	44.080	50.000	-11.8
4,4'-DDT	6.977	6.910	7.050	86.770	100.000	-13.2
Methoxychlor	7.450	7.380	7.520	200.280	250.000	-19.9

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/07/2025 10/07/2025

Client Sample No. (PEM): PEM - PL097613.D **Date Analyzed:** 10/13/2025

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

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.981	7.880	8.080	18.980	20.000	-5.1
Tetrachloro-m-xylene	2.823	2.770	2.870	20.170	20.000	0.9
alpha-BHC	3.327	3.280	3.380	8.930	10.000	-10.7
beta-BHC	3.955	3.900	4.010	9.430	10.000	-5.7
gamma-BHC (Lindane)	3.659	3.610	3.710	8.900	10.000	-11.0
Endrin	5.700	5.630	5.770	40.650	50.000	-18.7
4,4'-DDT	6.099	6.030	6.170	80.080	100.000	-19.9
Methoxychlor	6.671	6.600	6.740	169.590	250.000	-32.2

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 10:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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	2.823	88245494	122.7E6	21.646	20.165
28)	SA Decachlor...	8.998	7.981	66810146	98485661	22.467	18.979
	Target Compounds						
2)	A alpha-BHC	3.972	3.327	64287136	88157460	9.530	8.935
3)	MA gamma-BHC...	4.299	3.659	61882997	81764525	9.736	8.900
6)	B beta-BHC	4.487	3.955	26526444	37498580	10.260	9.426
12)	B 4,4'-DDE	6.151	5.293	2866669	1810444	0.616m	0.238m#
14)	MA Endrin	6.529	5.700	197.2E6	300.9E6	44.079	40.648
16)	A 4,4'-DDD	6.663	5.847	27259472	42593171	7.224	6.677
17)	MA 4,4'-DDT	6.977	6.099	351.8E6	533.6E6	86.766	80.079
18)	B Endrin al...	6.870	6.171	4561268	10919834	1.392m	1.896 #
20)	A Methoxychlor	7.450	6.671	418.4E6	618.2E6	200.280	169.586
21)	B Endrin ke...	7.584	6.897	15681714	27453417	3.662	3.475

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

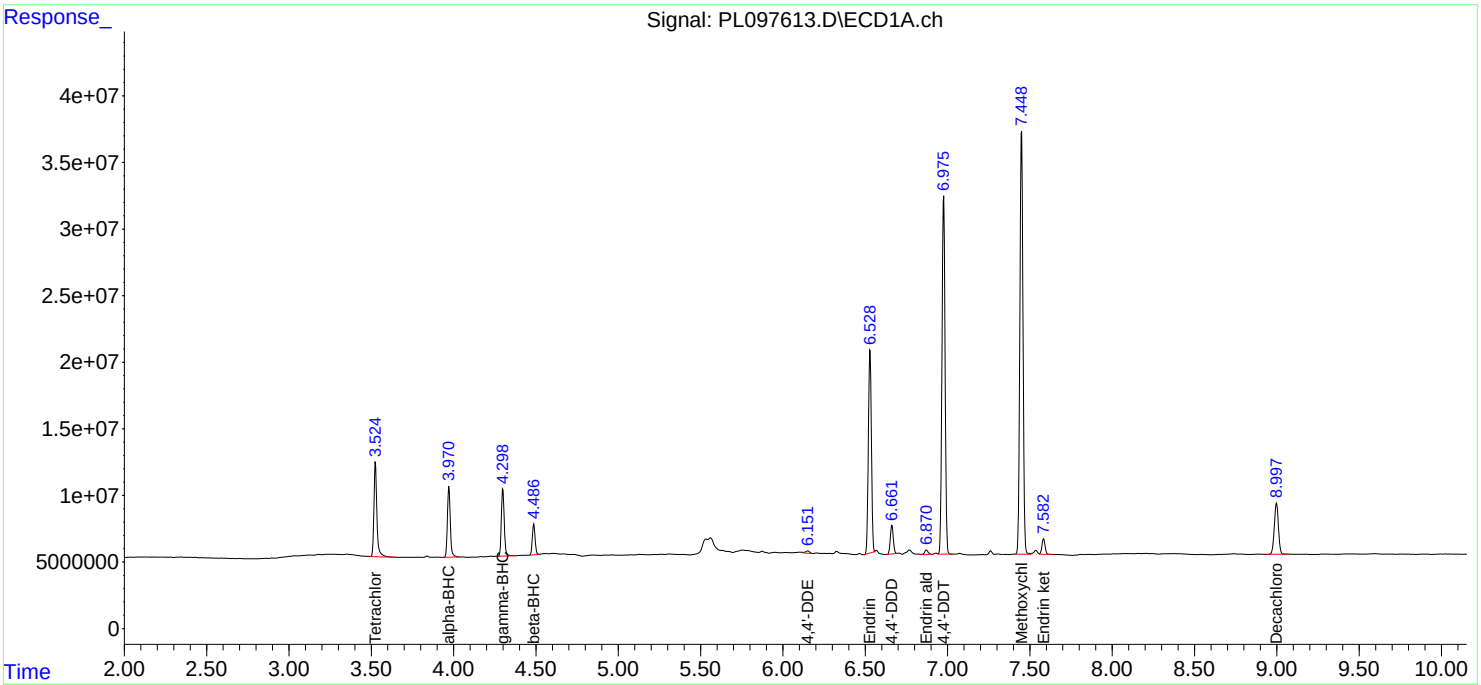
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 10:47
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

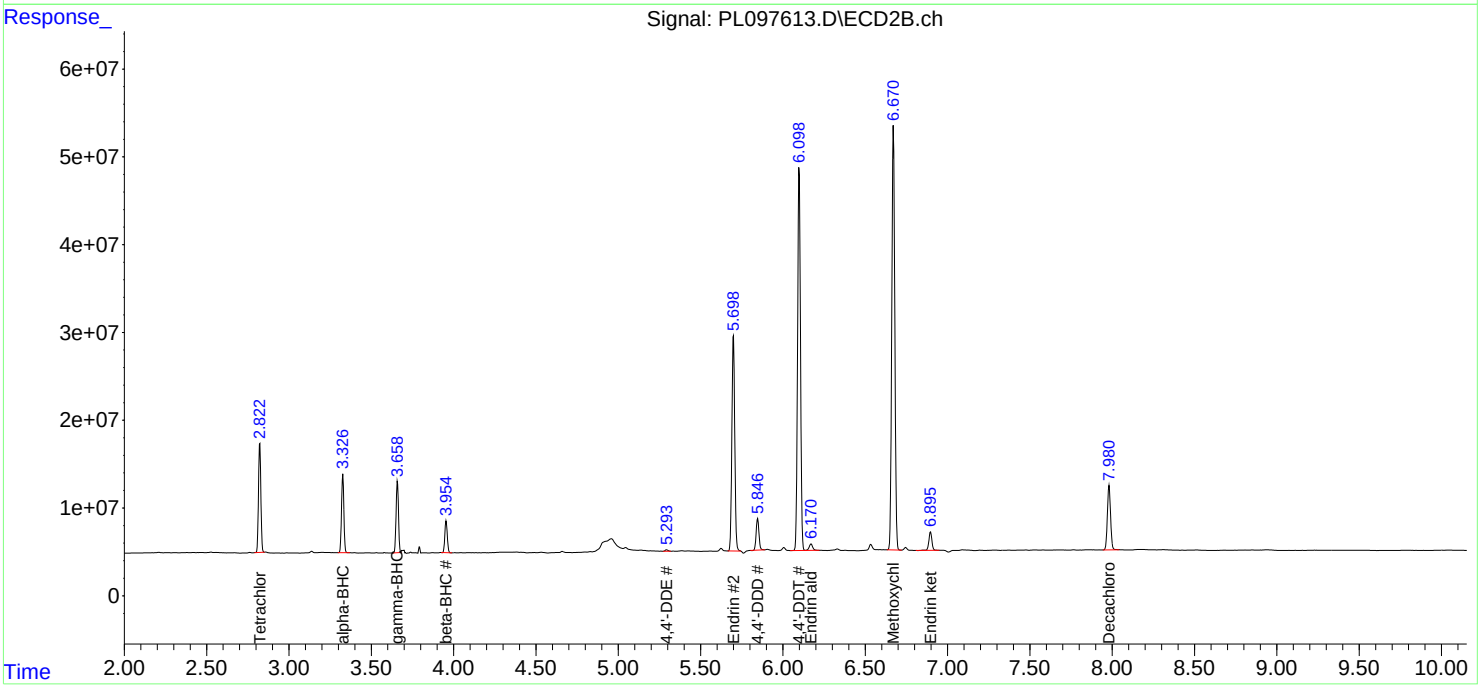
Instrument :
ECD_L
ClientSampleId :
PEM

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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

Analytical Sequence

Client: Langan Engineering and Environmental Se **SDG No.:** Q3323

Project: Con Edison Richmond Terrace **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/18/2025 09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/18/2025	09:49	PD090327.D	9.07	3.55
PEM	PEM	09/18/2025	10:03	PD090328.D	9.07	3.55
RESCHK	RESCHK	09/18/2025	10:16	PD090329.D	9.07	3.55
PSTDICC100	PSTDICC100	09/18/2025	10:30	PD090330.D	9.07	3.55
PSTDICC075	PSTDICC075	09/18/2025	10:43	PD090331.D	9.07	3.55
PSTDICC050	PSTDICC050	09/18/2025	10:57	PD090332.D	9.07	3.55
PSTDICC025	PSTDICC025	09/18/2025	11:11	PD090333.D	9.07	3.55
PSTDICC005	PSTDICC005	09/18/2025	11:24	PD090334.D	9.07	3.55
PCHLORICC500	PCHLORICC500	09/18/2025	12:05	PD090337.D	9.07	3.55
PTOXICC500	PTOXICC500	09/18/2025	13:12	PD090342.D	9.07	3.55
I.BLK	I.BLK	10/14/2025	10:26	PD090571.D	9.07	3.55
PEM	PEM	10/14/2025	10:40	PD090572.D	9.07	3.54
PSTDCCC050	PSTDCCC050	10/14/2025	11:18	PD090573.D	9.07	3.55
PB170065BL	PB170065BL	10/14/2025	11:38	PD090574.D	9.07	3.55
PB170065BS	PB170065BS	10/14/2025	11:53	PD090575.D	9.07	3.55
SED-01-0-2	Q3323-01	10/14/2025	12:11	PD090576.D	9.07	3.55
SED-02-0-2	Q3323-02	10/14/2025	12:24	PD090577.D	9.07	3.54
SED-03-0-2	Q3323-03	10/14/2025	12:38	PD090578.D	9.07	3.54
SED-04-0-2	Q3323-04	10/14/2025	12:51	PD090579.D	9.07	3.54
SED-05-0-2	Q3323-05	10/14/2025	13:04	PD090580.D	9.07	3.54
SED-06-0-2	Q3323-06	10/14/2025	13:18	PD090581.D	9.08	3.56
SED-07-0-2	Q3323-07	10/14/2025	13:31	PD090582.D	9.06	3.54
I.BLK	I.BLK	10/14/2025	13:48	PD090583.D	9.07	3.55
PSTDCCC050	PSTDCCC050	10/14/2025	14:59	PD090584.D	9.07	3.55
I.BLK	I.BLK	10/07/2025	09:53	PL097523.D	9.00	3.52
PEM	PEM	10/07/2025	10:06	PL097524.D	9.00	3.53
RESCHK	RESCHK	10/07/2025	10:20	PL097525.D	9.00	3.53
PSTDICC100	PSTDICC100	10/07/2025	10:33	PL097526.D	9.00	3.53
PSTDICC075	PSTDICC075	10/07/2025	10:47	PL097527.D	9.00	3.52
PSTDICC050	PSTDICC050	10/07/2025	11:00	PL097528.D	9.00	3.53
PSTDICC025	PSTDICC025	10/07/2025	11:41	PL097529.D	9.00	3.53
PSTDICC005	PSTDICC005	10/07/2025	11:55	PL097530.D	9.00	3.53
PCHLORICC500	PCHLORICC500	10/07/2025	13:05	PL097533.D	9.00	3.52
PTOXICC500	PTOXICC500	10/07/2025	14:13	PL097538.D	9.00	3.53
I.BLK	I.BLK	10/13/2025	10:34	PL097612.D	9.00	3.52
PEM	PEM	10/13/2025	10:47	PL097613.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/13/2025	11:45	PL097614.D	9.00	3.53
TP-1MS	Q3326-01MS	10/13/2025	14:20	PL097619.D	9.00	3.52
TP-1MSD	Q3326-01MSD	10/13/2025	14:33	PL097620.D	9.00	3.52
I.BLK	I.BLK	10/13/2025	15:00	PL097622.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/13/2025	15:14	PL097623.D	9.00	3.53

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

Analytical Sequence

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

Analytical Sequence

Client: Langan Engineering and Environmental Se **SDG No.:** Q3323

Project: Con Edison Richmond Terrace **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 09/18/2025 09/18/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	09/18/2025	09:49	PD090327.D	8.06	2.88
PEM	PEM	09/18/2025	10:03	PD090328.D	8.06	2.88
RESCHK	RESCHK	09/18/2025	10:16	PD090329.D	8.06	2.88
PSTDICC100	PSTDICC100	09/18/2025	10:30	PD090330.D	8.06	2.88
PSTDICC075	PSTDICC075	09/18/2025	10:43	PD090331.D	8.06	2.88
PSTDICC050	PSTDICC050	09/18/2025	10:57	PD090332.D	8.06	2.88
PSTDICC025	PSTDICC025	09/18/2025	11:11	PD090333.D	8.06	2.88
PSTDICC005	PSTDICC005	09/18/2025	11:24	PD090334.D	8.06	2.88
PCHLORICC500	PCHLORICC500	09/18/2025	12:05	PD090337.D	8.06	2.88
PTOXICC500	PTOXICC500	09/18/2025	13:12	PD090342.D	8.06	2.88
I.BLK	I.BLK	10/14/2025	10:26	PD090571.D	8.06	2.87
PEM	PEM	10/14/2025	10:40	PD090572.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/14/2025	11:18	PD090573.D	8.06	2.87
PB170065BL	PB170065BL	10/14/2025	11:38	PD090574.D	8.06	2.87
PB170065BS	PB170065BS	10/14/2025	11:53	PD090575.D	8.06	2.87
SED-01-0-2	Q3323-01	10/14/2025	12:11	PD090576.D	8.06	2.87
SED-02-0-2	Q3323-02	10/14/2025	12:24	PD090577.D	8.06	2.87
SED-03-0-2	Q3323-03	10/14/2025	12:38	PD090578.D	8.06	2.87
SED-04-0-2	Q3323-04	10/14/2025	12:51	PD090579.D	8.06	2.87
SED-05-0-2	Q3323-05	10/14/2025	13:04	PD090580.D	8.06	2.87
SED-06-0-2	Q3323-06	10/14/2025	13:18	PD090581.D	8.06	2.87
SED-07-0-2	Q3323-07	10/14/2025	13:31	PD090582.D	8.06	2.87
I.BLK	I.BLK	10/14/2025	13:48	PD090583.D	8.06	2.87
PSTDCCC050	PSTDCCC050	10/14/2025	14:59	PD090584.D	8.06	2.88
I.BLK	I.BLK	10/07/2025	09:53	PL097523.D	7.98	2.82
PEM	PEM	10/07/2025	10:06	PL097524.D	7.98	2.82
RESCHK	RESCHK	10/07/2025	10:20	PL097525.D	7.98	2.82
PSTDICC100	PSTDICC100	10/07/2025	10:33	PL097526.D	7.98	2.82
PSTDICC075	PSTDICC075	10/07/2025	10:47	PL097527.D	7.98	2.82
PSTDICC050	PSTDICC050	10/07/2025	11:00	PL097528.D	7.98	2.82
PSTDICC025	PSTDICC025	10/07/2025	11:41	PL097529.D	7.98	2.82
PSTDICC005	PSTDICC005	10/07/2025	11:55	PL097530.D	7.98	2.82
PCHLORICC500	PCHLORICC500	10/07/2025	13:05	PL097533.D	7.98	2.82
PTOXICC500	PTOXICC500	10/07/2025	14:13	PL097538.D	7.98	2.82
I.BLK	I.BLK	10/13/2025	10:34	PL097612.D	7.98	2.82
PEM	PEM	10/13/2025	10:47	PL097613.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/13/2025	11:45	PL097614.D	7.98	2.82
TP-1MS	Q3326-01MS	10/13/2025	14:20	PL097619.D	7.98	2.82
TP-1MSD	Q3326-01MSD	10/13/2025	14:33	PL097620.D	7.98	2.82
I.BLK	I.BLK	10/13/2025	15:00	PL097622.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/13/2025	15:14	PL097623.D	7.98	2.82

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

Analytical Sequence

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170065BS

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: PB170065BS **Date(s) Analyzed:** 10/14/2025 10/14/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.78	6.73	6.83	16.4	4.2
	2	6.07	6.02	6.12	17.1	
4,4'-DDD	1	6.70	6.65	6.75	16.2	4.8
	2	5.92	5.87	5.97	17.0	
4,4'-DDT	1	7.02	6.97	7.07	15.4	5.1
	2	6.18	6.13	6.23	16.2	
Endrin aldehyde	1	6.91	6.86	6.96	17.2	6.2
	2	6.25	6.20	6.30	18.3	
Endosulfan sulfate	1	7.15	7.10	7.20	16.0	6.1
	2	6.47	6.42	6.52	17.0	
Methoxychlor	1	7.49	7.44	7.54	14.5	6
	2	6.75	6.70	6.80	15.4	
Endrin ketone	1	7.63	7.58	7.68	15.8	5.5
	2	6.98	6.93	7.03	16.7	
alpha-BHC	1	4.00	3.95	4.05	16.1	6
	2	3.39	3.34	3.44	17.1	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	16.1	6
	2	3.72	3.67	3.77	17.1	
Heptachlor	1	4.93	4.88	4.98	14.6	11.6
	2	4.08	4.03	4.13	16.4	
Aldrin	1	5.27	5.22	5.32	16.2	6.6
	2	4.36	4.31	4.41	17.3	
beta-BHC	1	4.52	4.47	4.57	15.6	8.6
	2	4.02	3.97	4.07	17.0	
delta-BHC	1	4.76	4.71	4.81	16.6	3
	2	4.26	4.21	4.31	17.1	
Heptachlor epoxide	1	5.69	5.64	5.74	16.1	7.2
	2	4.87	4.82	4.92	17.3	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB170065BS

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: PB170065BS **Date(s) Analyzed:** 10/14/2025 10/14/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.07	6.02	6.12	16.1	6.6
	2	5.24	5.19	5.29	17.2	
gamma-Chlordane	1	5.94	5.89	5.99	16.1	7.2
	2	5.12	5.07	5.17	17.3	
alpha-Chlordane	1	6.02	5.97	6.07	17.1	0.6
	2	5.18	5.13	5.23	17.2	
4,4'-DDE	1	6.19	6.14	6.24	16.3	5.4
	2	5.37	5.32	5.42	17.2	
Dieldrin	1	6.34	6.29	6.39	16.3	5.4
	2	5.50	5.45	5.55	17.2	
Endrin	1	6.57	6.52	6.62	16.4	3
	2	5.78	5.73	5.83	16.9	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-01-0-2

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3323-01 **Date(s) Analyzed:** 10/14/2025 10/14/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Aldrin	1	5.26	5.21	5.31	0.21	0
	2	4.36	4.31	4.41	0.21	
gamma-Chlordane	1	5.95	5.90	6.00	0.32	11.5
	2	5.12	5.07	5.17	0.28	
alpha-Chlordane	1	6.03	5.98	6.08	0.61	100
	2	5.18	5.13	5.23	0.20	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-02-0-2

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3323-02 **Date(s) Analyzed:** 10/14/2025 10/14/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
alpha-Chlordane	1	6.02	5.97	6.07	0.37	15.1
	2	5.18	5.13	5.23	0.32	
4,4'-DDE	1	6.19	6.14	6.24	0.45	11
	2	5.37	5.32	5.42	0.40	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-03-0-2

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3323-03 **Date(s) Analyzed:** 10/14/2025 10/14/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	0.71	72.6
	2	5.92	5.87	5.97	0.33	
4,4'-DDE	1	6.19	6.14	6.24	0.34	14.7
	2	5.37	5.32	5.42	0.29	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SED-07-0-2

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3323-07 **Date(s) Analyzed:** 10/14/2025 10/14/2025

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

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
4,4'-DDD	1	6.70	6.65	6.75	0.66	86.7
	2	5.92	5.87	5.97	0.26	
4,4'-DDT	1	7.02	6.97	7.07	0.22	35.1
	2	6.17	6.12	6.22	0.32	
4,4'-DDE	1	6.19	6.14	6.24	0.28	24.5
	2	5.37	5.32	5.42	0.36	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MS

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3326-01MS **Date(s) Analyzed:** 10/13/2025 10/13/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.74	6.69	6.79	16.9	4.6
	2	5.99	5.94	6.04	17.7	
4,4'-DDD	1	6.66	6.61	6.71	20.0	11.6
	2	5.85	5.80	5.90	17.8	
4,4'-DDT	1	6.98	6.93	7.03	16.9	9.9
	2	6.10	6.05	6.15	15.3	
Endrin aldehyde	1	6.87	6.82	6.92	18.6	16.9
	2	6.17	6.12	6.22	15.7	
Endosulfan sulfate	1	7.11	7.06	7.16	18.2	8.6
	2	6.39	6.34	6.44	16.7	
Methoxychlor	1	7.45	7.40	7.50	16.1	9.1
	2	6.67	6.62	6.72	14.7	
Endrin ketone	1	7.58	7.53	7.63	18.7	16.8
	2	6.90	6.85	6.95	15.8	
alpha-BHC	1	3.97	3.92	4.02	18.9	2.1
	2	3.33	3.28	3.38	18.5	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	18.7	2.2
	2	3.66	3.61	3.71	18.3	
Heptachlor	1	4.89	4.84	4.94	18.0	4
	2	4.01	3.96	4.06	17.3	
Aldrin	1	5.23	5.18	5.28	18.6	2.2
	2	4.29	4.24	4.34	18.2	
beta-BHC	1	4.49	4.44	4.54	19.2	8.7
	2	3.96	3.91	4.01	17.6	
delta-BHC	1	4.73	4.68	4.78	19.2	5.3
	2	4.19	4.14	4.24	18.2	
Heptachlor epoxide	1	5.65	5.60	5.70	17.9	0.6
	2	4.79	4.74	4.84	17.8	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MS

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3326-01MS **Date(s) Analyzed:** 10/13/2025 10/13/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.03	5.98	6.08	18.6	4.4
	2	5.16	5.11	5.21	17.8	
gamma-Chlordane	1	5.90	5.85	5.95	18.6	6.7
	2	5.04	4.99	5.09	17.4	
alpha-Chlordane	1	5.98	5.93	6.03	18.5	5
	2	5.11	5.06	5.16	17.6	
4,4'-DDE	1	6.15	6.10	6.20	19.2	8.1
	2	5.30	5.25	5.35	17.7	
Dieldrin	1	6.30	6.25	6.35	18.9	8.3
	2	5.43	5.38	5.48	17.4	
Endrin	1	6.53	6.48	6.58	17.0	4.2
	2	5.70	5.65	5.75	16.3	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MSD

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3326-01MSD **Date(s) Analyzed:** 10/13/2025 10/13/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan II	1	6.74	6.69	6.79	17.7	1.7
	2	5.99	5.94	6.04	18.0	
4,4'-DDD	1	6.66	6.61	6.71	21.2	16.9
	2	5.85	5.80	5.90	17.9	
4,4'-DDT	1	6.98	6.93	7.03	16.6	10.1
	2	6.10	6.05	6.15	15.0	
Endrin aldehyde	1	6.87	6.82	6.92	18.3	14.7
	2	6.17	6.12	6.22	15.8	
Endosulfan sulfate	1	7.10	7.05	7.15	18.1	8
	2	6.39	6.34	6.44	16.7	
Methoxychlor	1	7.45	7.40	7.50	15.8	8.6
	2	6.67	6.62	6.72	14.5	
Endrin ketone	1	7.58	7.53	7.63	18.7	14.9
	2	6.90	6.85	6.95	16.1	
alpha-BHC	1	3.97	3.92	4.02	18.6	1.1
	2	3.33	3.28	3.38	18.4	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	18.5	1.6
	2	3.66	3.61	3.71	18.2	
Heptachlor	1	4.89	4.84	4.94	18.0	5.7
	2	4.01	3.96	4.06	17.0	
Aldrin	1	5.23	5.18	5.28	18.4	1.6
	2	4.29	4.24	4.34	18.1	
beta-BHC	1	4.49	4.44	4.54	18.9	8.3
	2	3.96	3.91	4.01	17.4	
delta-BHC	1	4.73	4.68	4.78	19.1	5.4
	2	4.19	4.14	4.24	18.1	
Heptachlor epoxide	1	5.65	5.60	5.70	17.8	0.6
	2	4.79	4.74	4.84	17.7	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-1MSD

Lab Name: Alliance **Contract:** LANG01

Lab Code: ACE **SDG NO.:** Q3323

Lab Sample ID: Q3326-01MSD **Date(s) Analyzed:** 10/13/2025 10/13/2025

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 FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endosulfan I	1	6.03	5.98	6.08	18.3	3.9
	2	5.16	5.11	5.21	17.6	
gamma-Chlordane	1	5.90	5.85	5.95	18.4	5.6
	2	5.04	4.99	5.09	17.4	
alpha-Chlordane	1	5.98	5.93	6.03	18.3	4.5
	2	5.11	5.06	5.16	17.5	
4,4'-DDE	1	6.15	6.10	6.20	19.1	7
	2	5.30	5.25	5.35	17.8	
Dieldrin	1	6.30	6.25	6.35	18.9	4.9
	2	5.43	5.38	5.48	18.0	
Endrin	1	6.53	6.48	6.58	17.5	7.7
	2	5.70	5.65	5.75	16.2	

QC SAMPLE DATA

Raw Data: **PD090574.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	
Project:	Con Edison Richmond Terrace			Date Received:	
Client Sample ID:	PB170065BL			SDG No.:	Q3323
Lab Sample ID:	PB170065BL			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	10/13/25		

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	10/14/25 11:38	PB170065
319-85-7	beta-BHC	0.18	U	1	0.18	1.70	ug/kg	10/14/25 11:38	PB170065
319-86-8	delta-BHC	0.39	U	1	0.39	1.70	ug/kg	10/14/25 11:38	PB170065
58-89-9	gamma-BHC (Lindane)	0.14	U	1	0.14	1.70	ug/kg	10/14/25 11:38	PB170065
76-44-8	Heptachlor	0.12	U	1	0.12	1.70	ug/kg	10/14/25 11:38	PB170065
309-00-2	Aldrin	0.12	U	1	0.12	1.70	ug/kg	10/14/25 11:38	PB170065
1024-57-3	Heptachlor epoxide	0.19	U	1	0.19	1.70	ug/kg	10/14/25 11:38	PB170065
959-98-8	Endosulfan I	0.14	U	1	0.14	1.70	ug/kg	10/14/25 11:38	PB170065
60-57-1	Dieldrin	0.14	U	1	0.14	1.70	ug/kg	10/14/25 11:38	PB170065
72-55-9	4,4-DDE	0.14	U	1	0.14	1.70	ug/kg	10/14/25 11:38	PB170065
72-20-8	Endrin	0.14	U	1	0.14	1.70	ug/kg	10/14/25 11:38	PB170065
33213-65-9	Endosulfan II	0.29	U	1	0.29	1.70	ug/kg	10/14/25 11:38	PB170065
72-54-8	4,4-DDD	0.15	U	1	0.15	1.70	ug/kg	10/14/25 11:38	PB170065
1031-07-8	Endosulfan Sulfate	0.13	U	1	0.13	1.70	ug/kg	10/14/25 11:38	PB170065
50-29-3	4,4-DDT	0.14	U	1	0.14	1.70	ug/kg	10/14/25 11:38	PB170065
72-43-5	Methoxychlor	0.37	U	1	0.37	1.70	ug/kg	10/14/25 11:38	PB170065
53494-70-5	Endrin ketone	0.19	U	1	0.19	1.70	ug/kg	10/14/25 11:38	PB170065
7421-93-4	Endrin aldehyde	0.37	U	1	0.37	1.70	ug/kg	10/14/25 11:38	PB170065
5103-71-9	alpha-Chlordane	0.12	U	1	0.12	1.70	ug/kg	10/14/25 11:38	PB170065
5103-74-2	gamma-Chlordane	0.15	U	1	0.15	1.70	ug/kg	10/14/25 11:38	PB170065
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/14/25 11:38	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	19.1			20 - 144	95%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.5			19 - 148	97%	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\PD101425\
Data File : PD090574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 11:38
Operator : AR\AJ
Sample : PB170065BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170065BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:36:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	55521931	534.8E6	17.081	19.483
28)	SA Decachlor...	9.072	8.063	90632440	618.0E6	18.784	19.066
	Target Compounds						

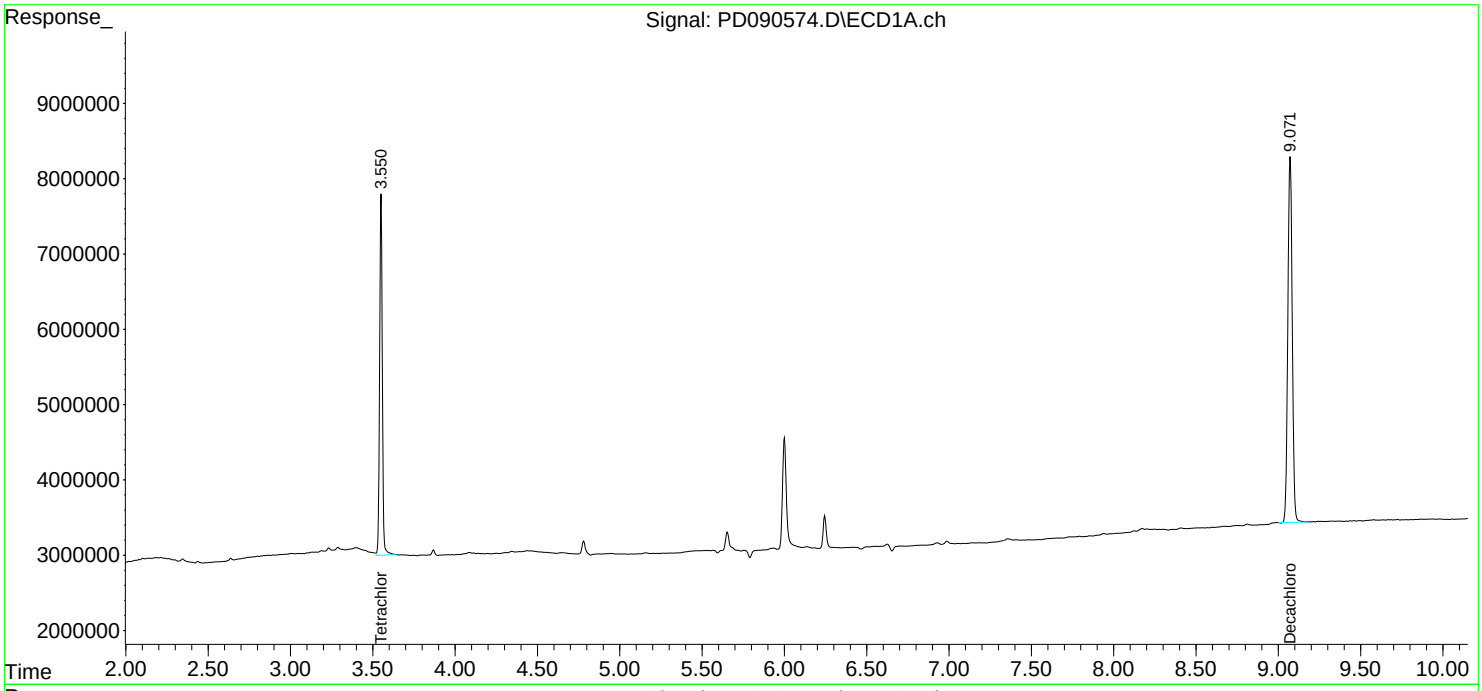
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

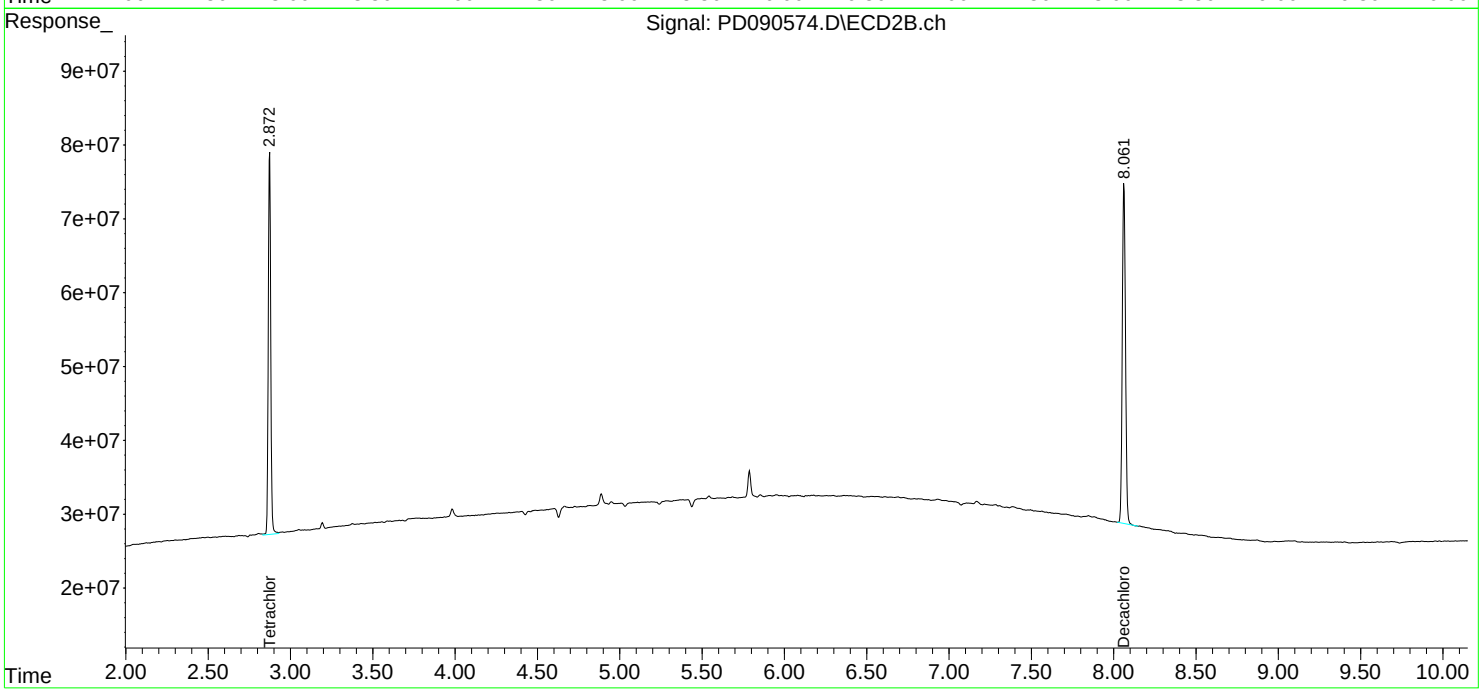
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 11:38
Operator : AR\AJ
Sample : PB170065BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

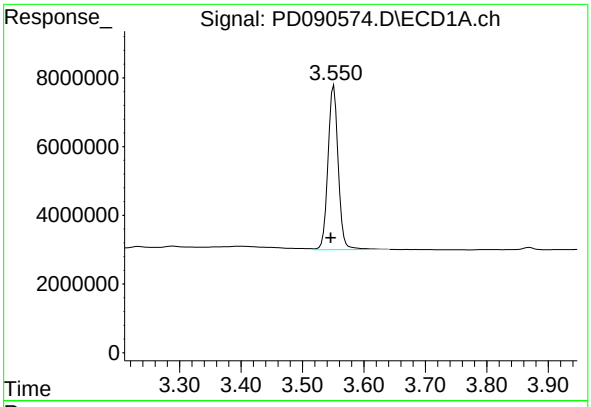
Instrument :
ECD_D
ClientSampleId :
PB170065BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:36:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



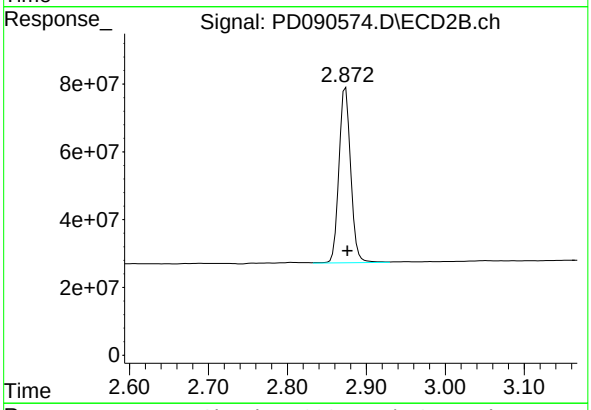




#1 Tetrachloro-m-xylene

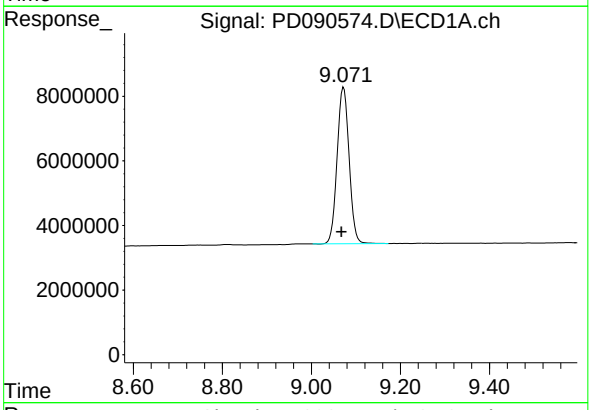
R.T.: 3.551 min
Delta R.T.: 0.005 min
Response: 55521931
Conc: 17.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB170065BL



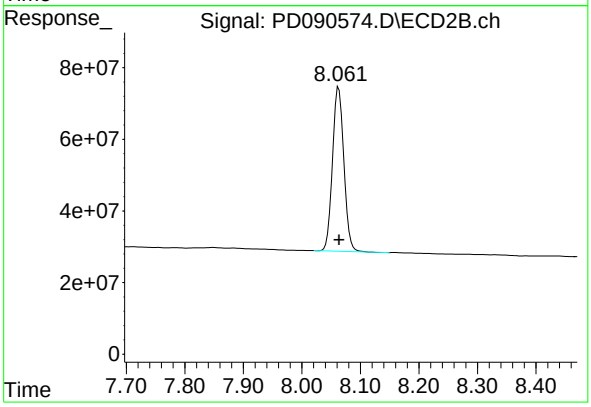
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 534813811
Conc: 19.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.005 min
Response: 90632440
Conc: 18.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 618010940
Conc: 19.07 ng/ml

Raw Data: **PD090327.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	09/18/25
Project:	Con Edison Richmond Terrace	Date Received:	09/18/25
Client Sample ID:	PIBLK-PD090327.D	SDG No.:	Q3323
Lab Sample ID:	I.BLK-PD090327.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	09/18/25	pd091825
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	09/18/25	pd091825
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	09/18/25	pd091825
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	09/18/25	pd091825
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	09/18/25	pd091825
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	09/18/25	pd091825
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	09/18/25	pd091825
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	09/18/25	pd091825
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	09/18/25	pd091825
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	09/18/25	pd091825
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	09/18/25	pd091825
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	09/18/25	pd091825
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	09/18/25	pd091825
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	09/18/25	pd091825
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	09/18/25	pd091825
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	09/18/25	pd091825
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	09/18/25	pd091825
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	09/18/25	pd091825
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	09/18/25	pd091825
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	09/18/25	pd091825
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	09/18/25	pd091825
SURROGATES									
2051-24-3	Decachlorobiphenyl	17.6			57 - 171	88%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.9			61 - 148	85%	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\PD091825\
Data File : PD090327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 09:49
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: Sep 19 05:53:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.876	53680424	464.5E6	16.515	16.922
28)	SA Decachlor...	9.067	8.063	84762935	556.2E6	17.567	17.160
	Target Compounds						

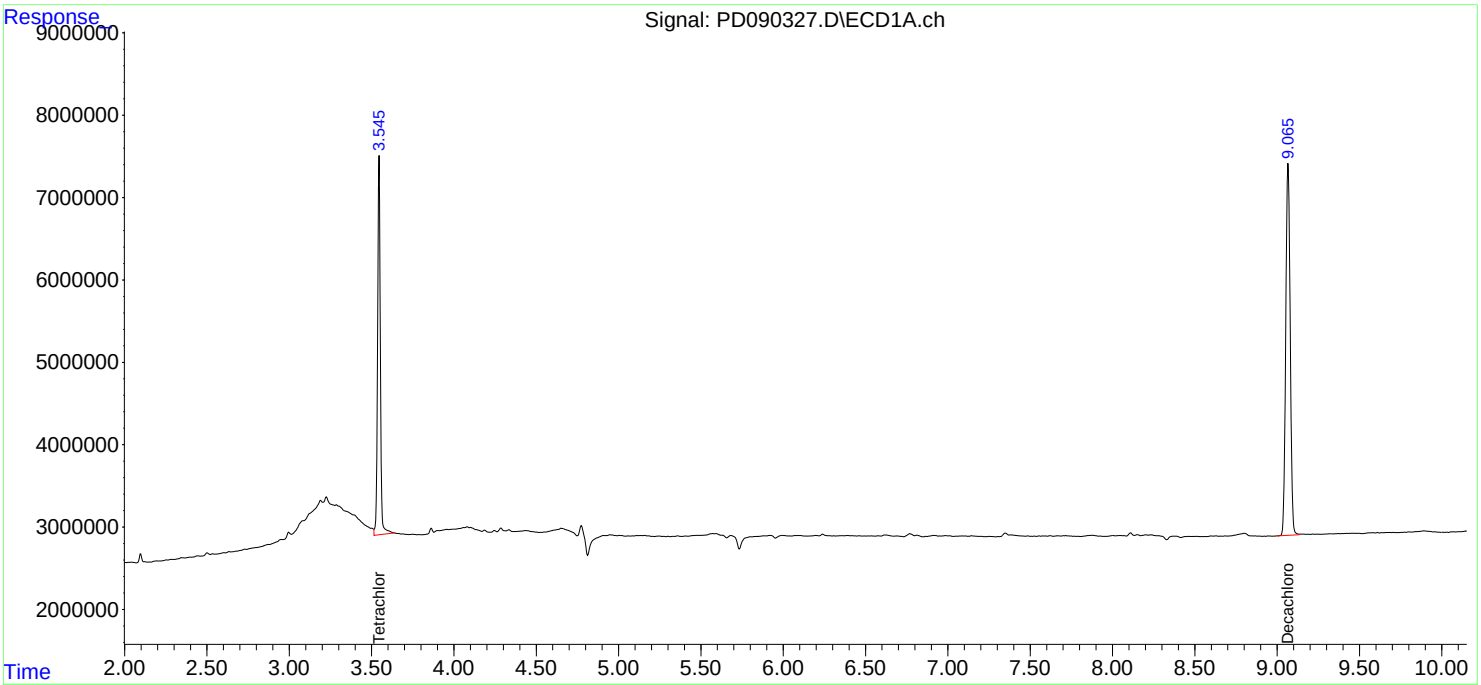
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

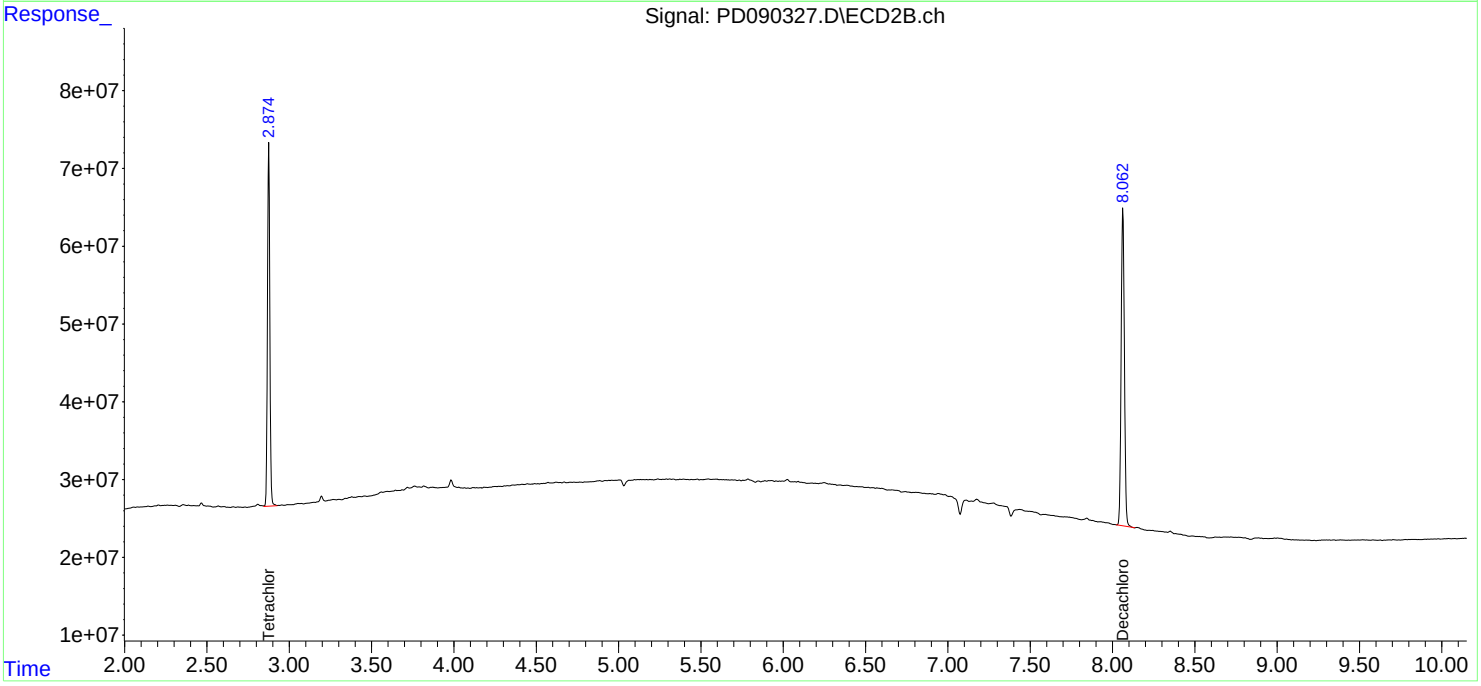
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091825\
Data File : PD090327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Sep 2025 09:49
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

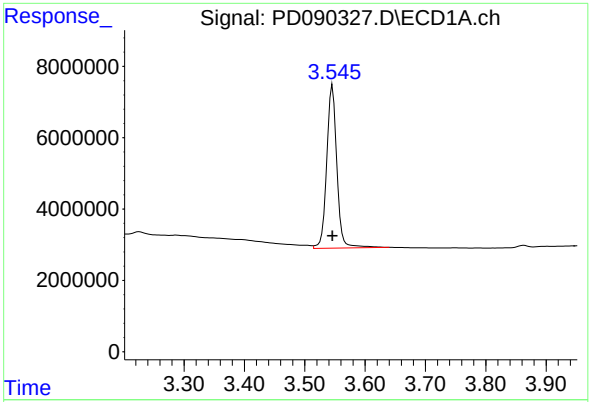
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 05:53:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



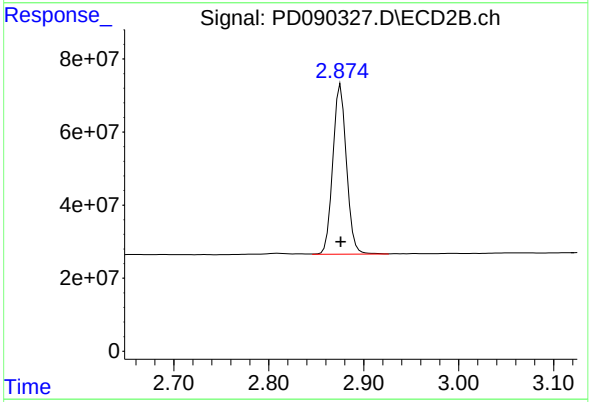




#1 Tetrachloro-m-xylene

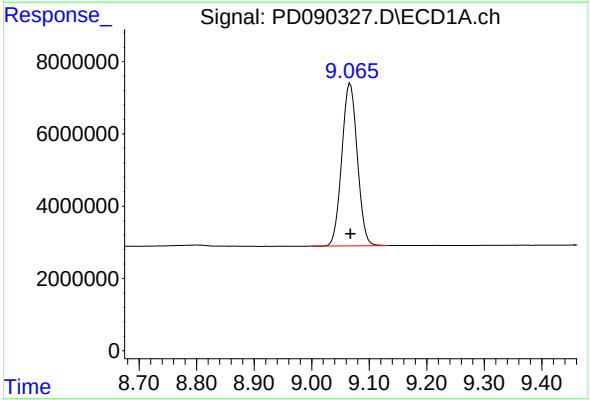
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 53680424
Conc: 16.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



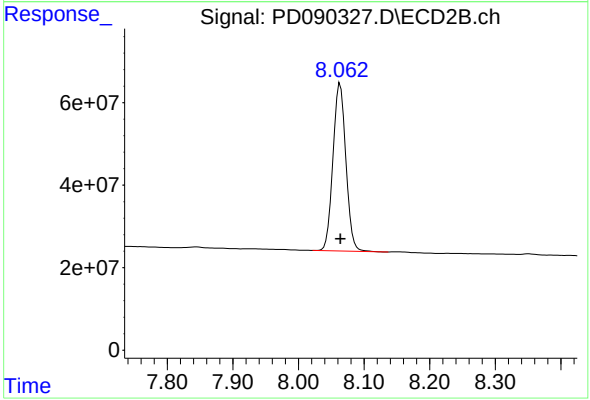
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 464498064
Conc: 16.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 84762935
Conc: 17.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 556238349
Conc: 17.16 ng/ml

Raw Data: **PD090571.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/14/25
Project:	Con Edison Richmond Terrace	Date Received:	10/14/25
Client Sample ID:	PIBLK-PD090571.D	SDG No.:	Q3323
Lab Sample ID:	I.BLK-PD090571.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	10/14/25	PD101425
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/14/25	PD101425
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/14/25	PD101425
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/14/25	PD101425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/14/25	PD101425
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/14/25	PD101425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/14/25	PD101425
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/14/25	PD101425
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/14/25	PD101425
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/14/25	PD101425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/14/25	PD101425
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/14/25	PD101425
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/14/25	PD101425
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/14/25	PD101425
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/14/25	PD101425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/14/25	PD101425
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/14/25	PD101425
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/14/25	PD101425
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/14/25	PD101425
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/14/25	PD101425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/14/25	PD101425
SURROGATES									
2051-24-3	Decachlorobiphenyl	25.6			57 - 171	128%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	25.6			61 - 148	128%	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\PD101425\
Data File : PD090571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 10:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:35:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	73413654	701.3E6	22.586	25.547
28)	SA Decachlor...	9.065	8.061	116.4E6	830.9E6	24.117	25.634
	Target Compounds						

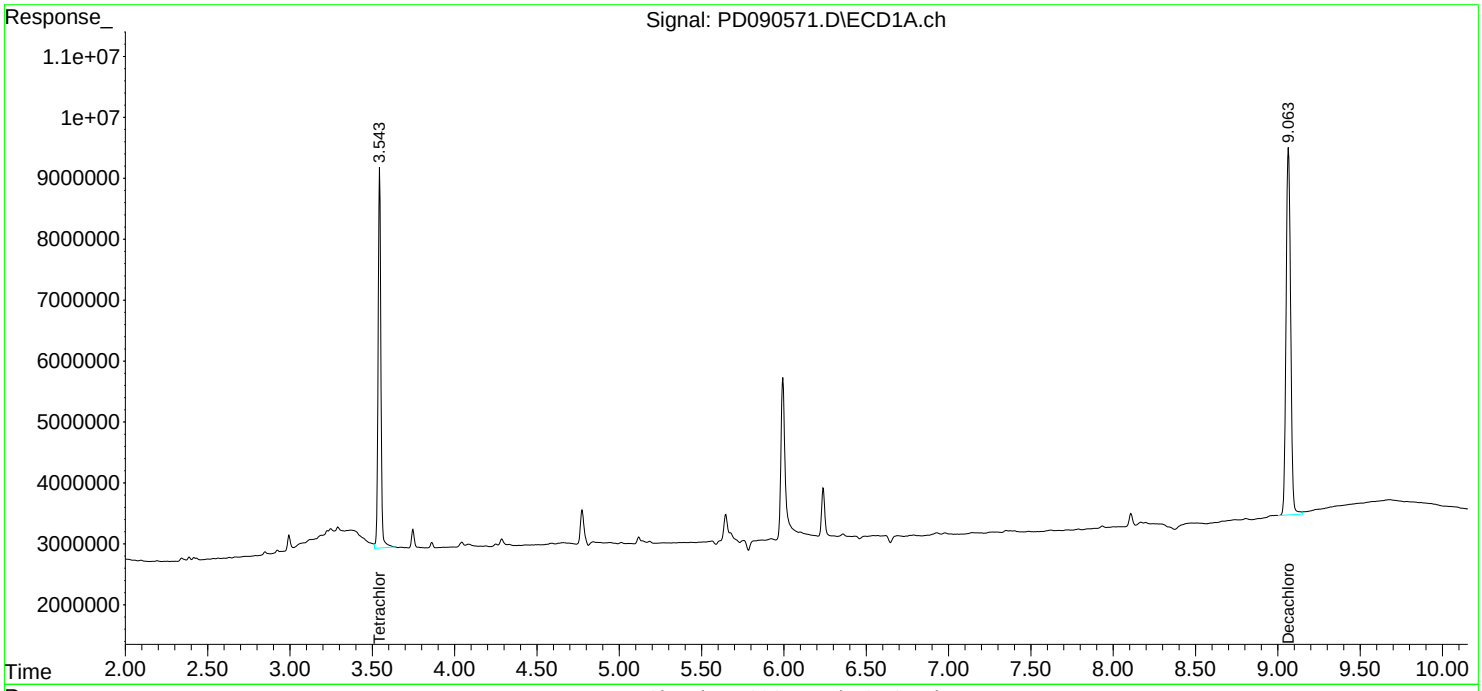
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

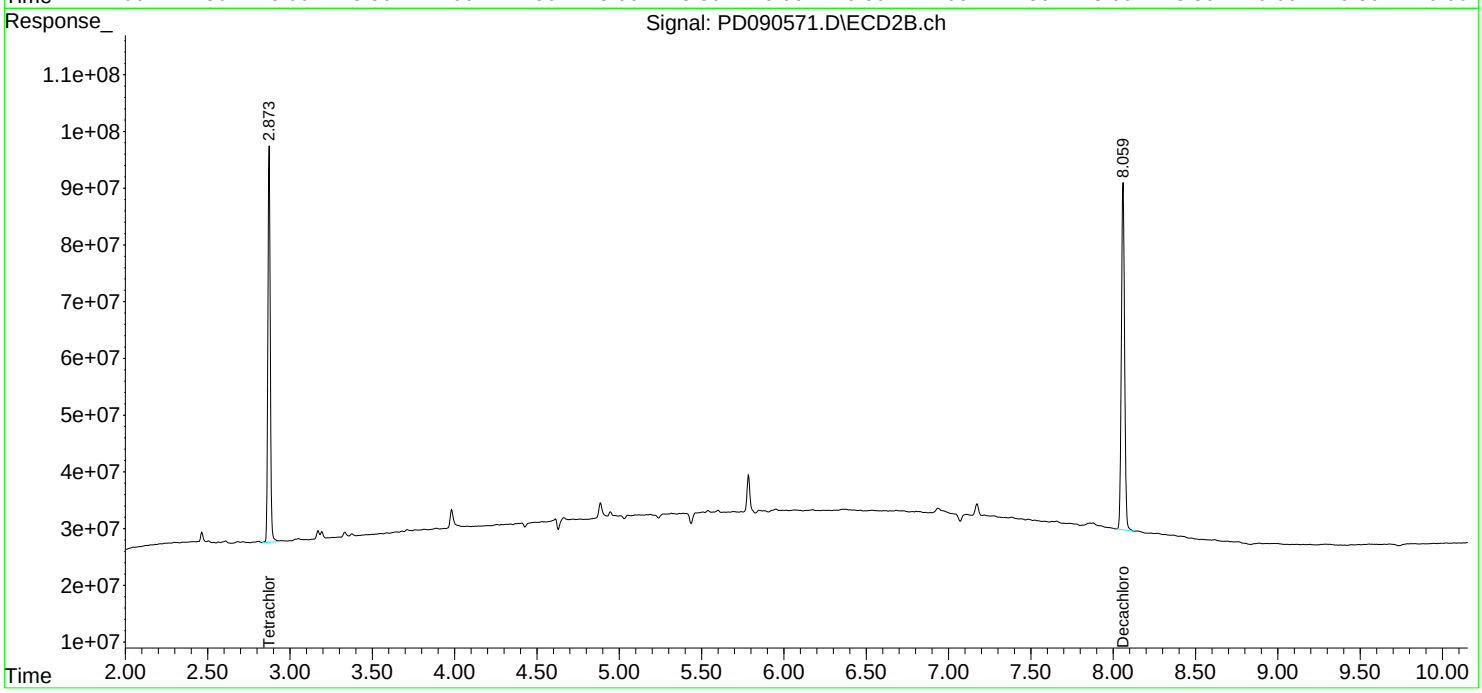
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 10:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

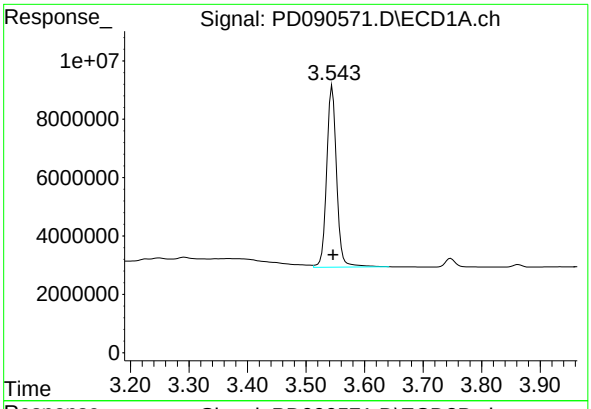
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:35:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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



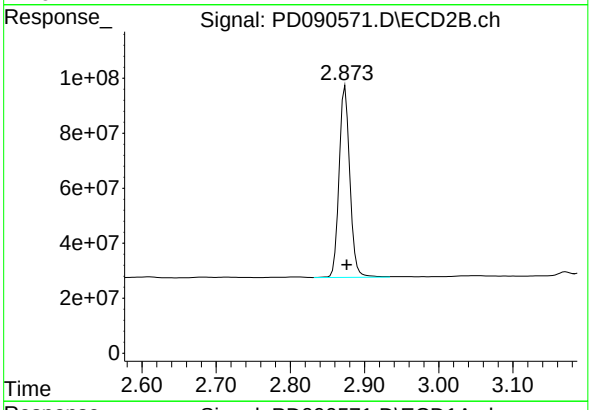




#1 Tetrachloro-m-xylene

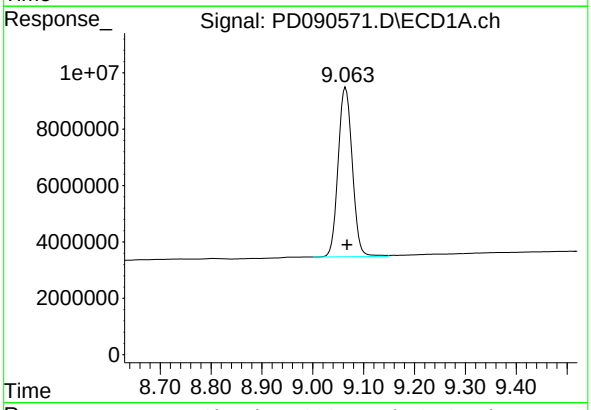
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 73413654
Conc: 22.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



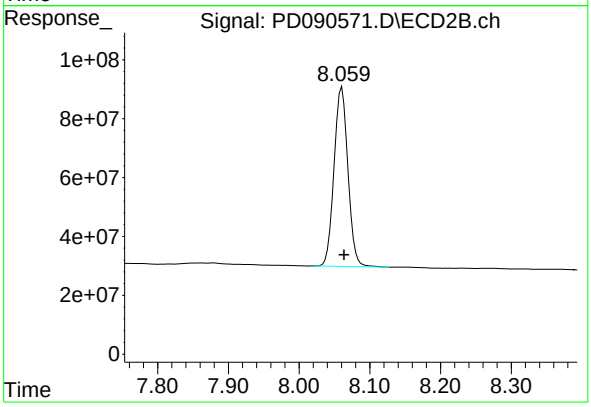
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 701267292
Conc: 25.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 116364459
Conc: 24.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 830921814
Conc: 25.63 ng/ml

Raw Data: **PD090583.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/14/25
Project:	Con Edison Richmond Terrace	Date Received:	10/14/25
Client Sample ID:	PIBLK-PD090583.D	SDG No.:	Q3323
Lab Sample ID:	I.BLK-PD090583.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	10/14/25	PD101425
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/14/25	PD101425
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/14/25	PD101425
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/14/25	PD101425
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/14/25	PD101425
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/14/25	PD101425
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/14/25	PD101425
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/14/25	PD101425
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/14/25	PD101425
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/14/25	PD101425
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/14/25	PD101425
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/14/25	PD101425
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/14/25	PD101425
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/14/25	PD101425
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/14/25	PD101425
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/14/25	PD101425
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/14/25	PD101425
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/14/25	PD101425
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/14/25	PD101425
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/14/25	PD101425
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/14/25	PD101425
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.2			57 - 171	81%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	18.4			61 - 148	92%	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

Sample Results: **PD090583.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:48
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: Oct 15 07:39:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.549	2.874	54075004	504.4E6	16.636	18.375
28)	SA Decachlor...	9.069	8.063	78242580	468.8E6	16.216	14.461
	Target Compounds						

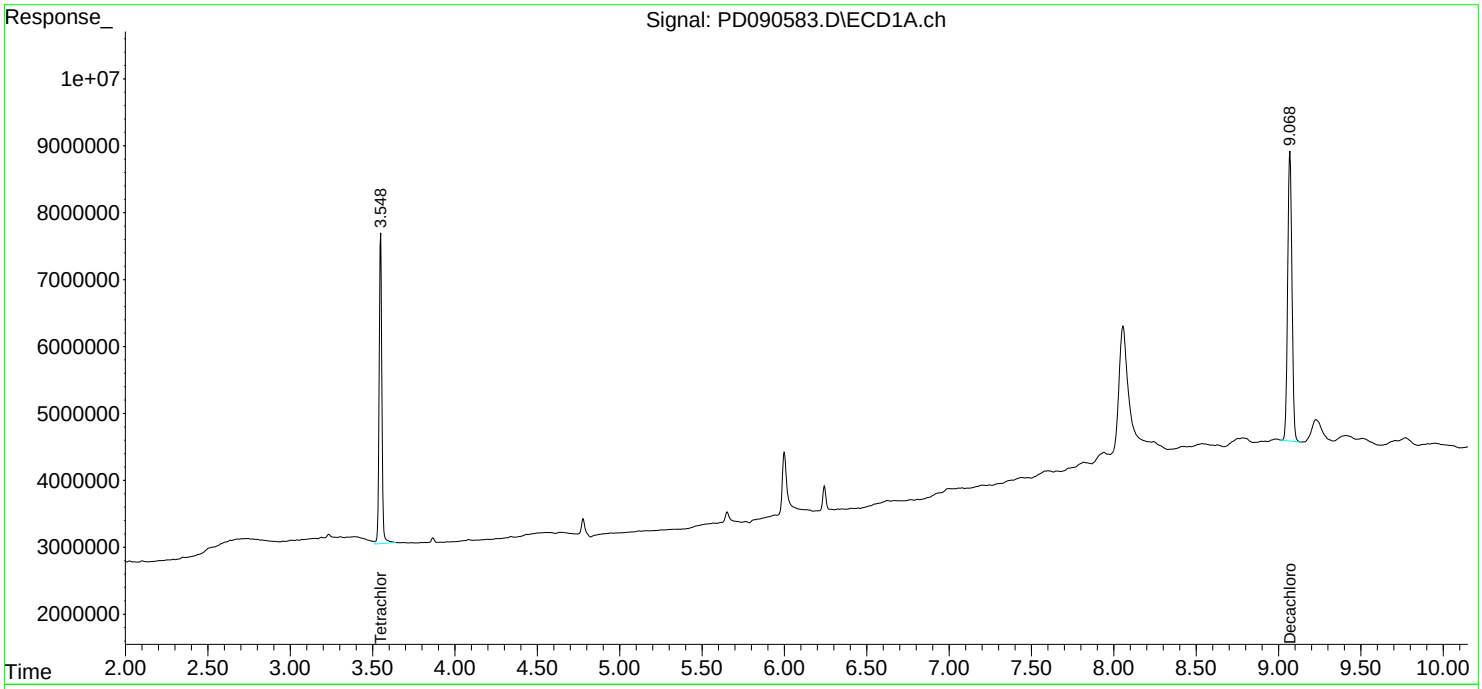
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

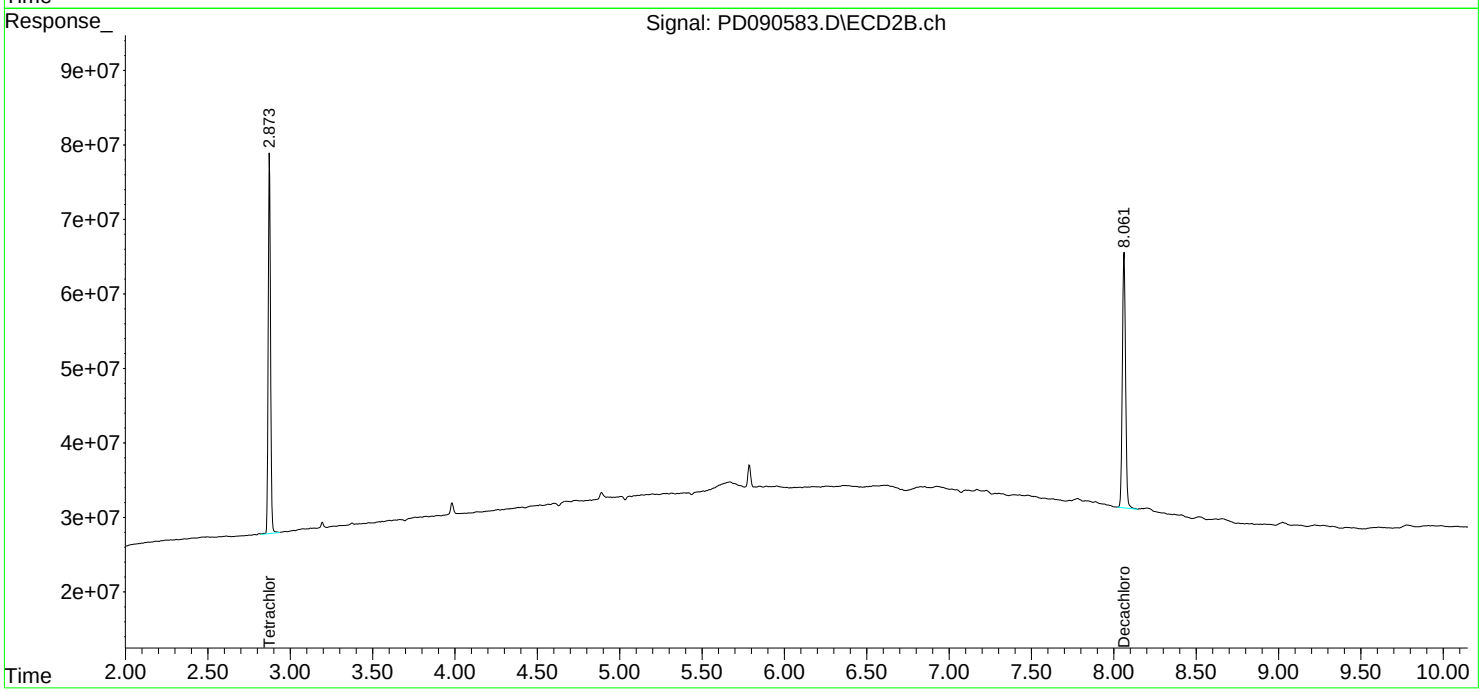
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 13:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

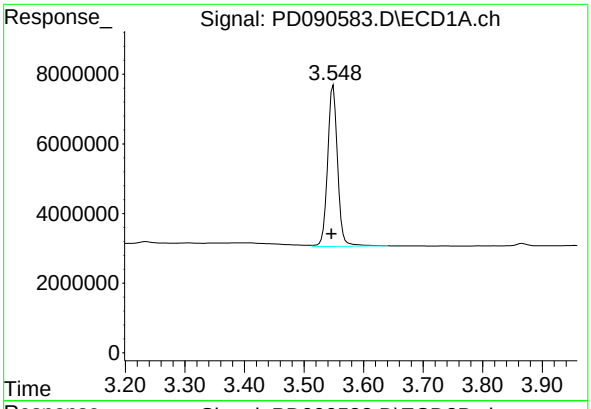
Instrument :
ECD_D
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:39:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



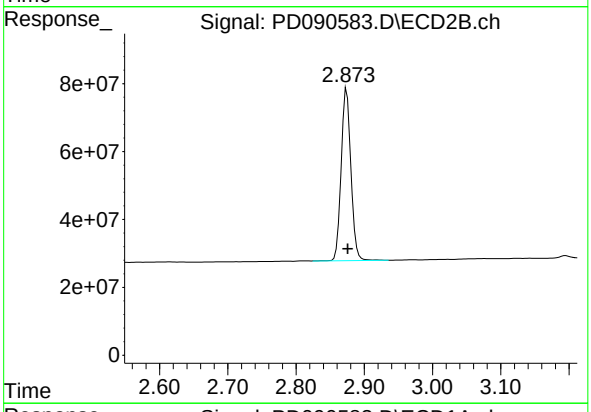




#1 Tetrachloro-m-xylene

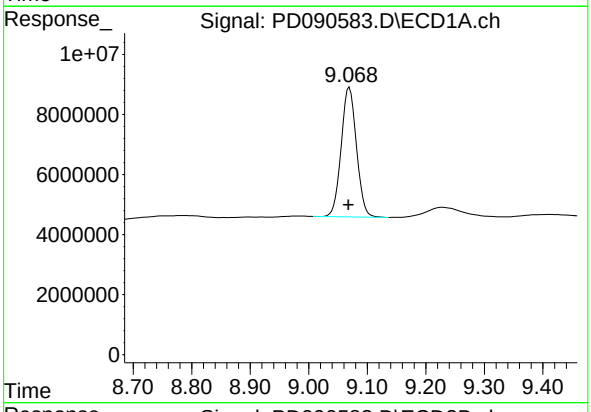
R.T.: 3.549 min
Delta R.T.: 0.003 min
Response: 54075004
Conc: 16.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
I.BLK



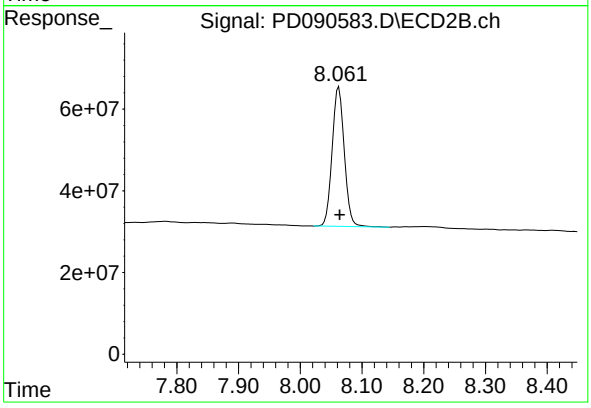
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 504397949
Conc: 18.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 78242580
Conc: 16.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 468765214
Conc: 14.46 ng/ml

Raw Data: **PL097523.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/07/25
Project:	Con Edison Richmond Terrace	Date Received:	10/07/25
Client Sample ID:	PIBLK-PL097523.D	SDG No.:	Q3323
Lab Sample ID:	I.BLK-PL097523.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	10/07/25	PL100725
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/07/25	PL100725
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/07/25	PL100725
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/07/25	PL100725
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/07/25	PL100725
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/07/25	PL100725
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/07/25	PL100725
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/07/25	PL100725
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/07/25	PL100725
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/07/25	PL100725
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/07/25	PL100725
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/07/25	PL100725
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/07/25	PL100725
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/07/25	PL100725
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/07/25	PL100725
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/07/25	PL100725
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/07/25	PL100725
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/07/25	PL100725
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/07/25	PL100725
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/07/25	PL100725
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/07/25	PL100725
SURROGATES									
2051-24-3	Decachlorobiphenyl	21.4			57 - 171	107%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	19.3			61 - 148	97%	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

Sample Results: **PL097523.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 09:53
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 07 14:33:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 14:32:10 2025
Response via : Initial 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	78343871	117.7E6	19.217	19.341
28)	SA Decachlor...	8.995	7.979	63482543	107.1E6	21.348	20.633
	Target Compounds						

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

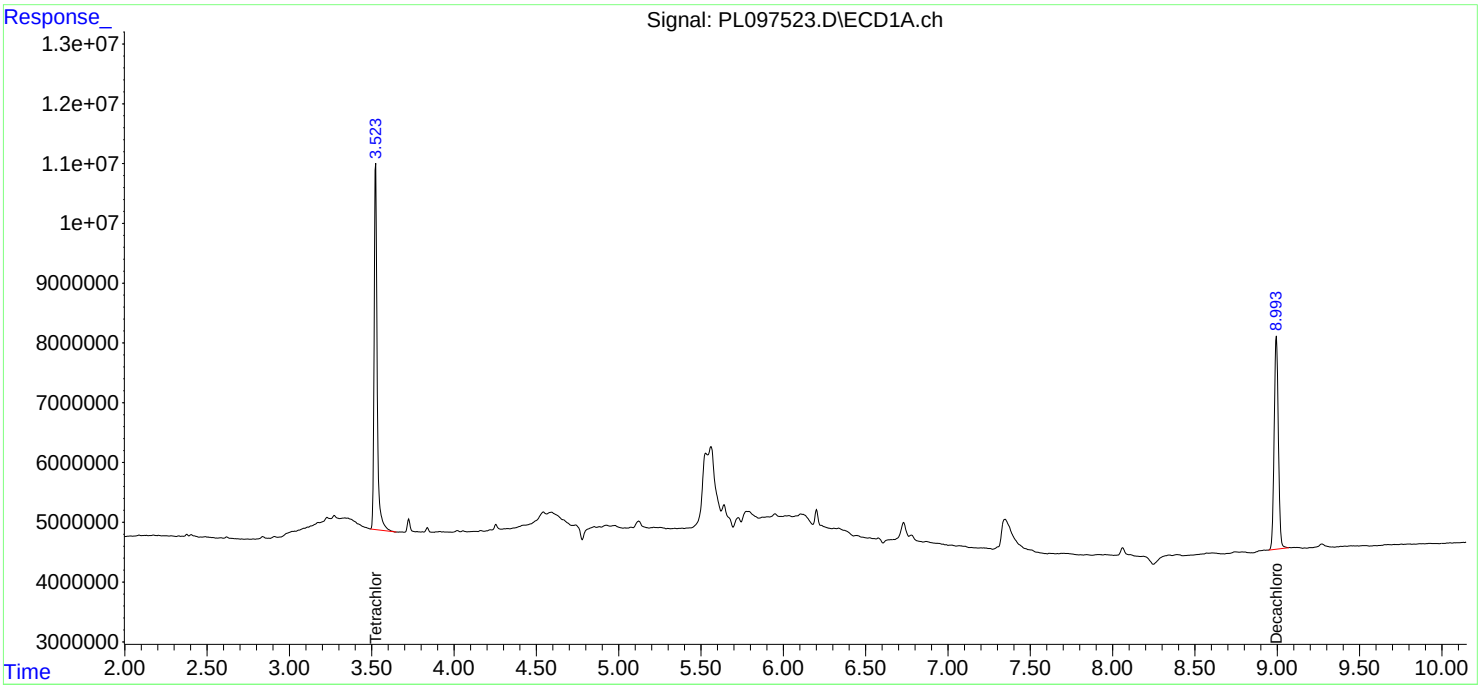
Sample Results: **PL097523.D**

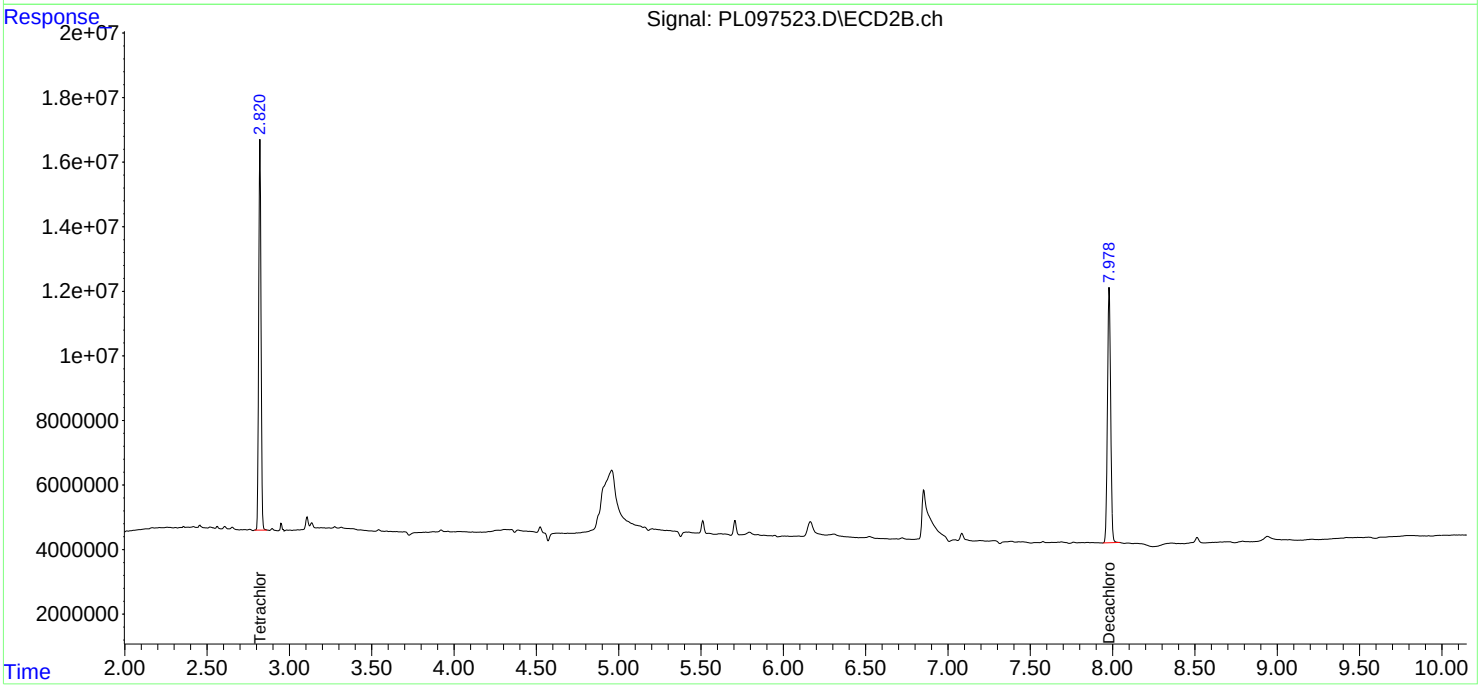
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100725\
Data File : PL097523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Oct 2025 09:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

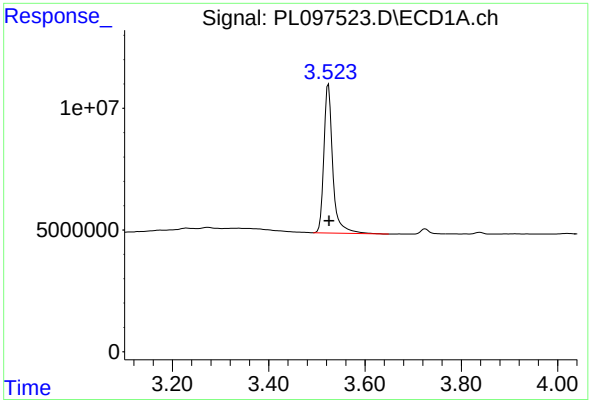
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 14:33:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 14:32:10 2025
Response via : Initial 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



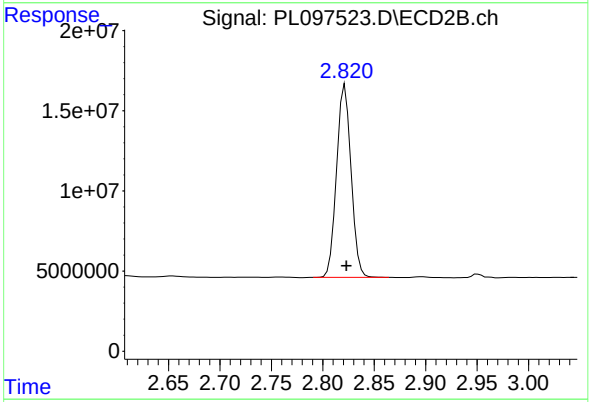




#1 Tetrachloro-m-xylene

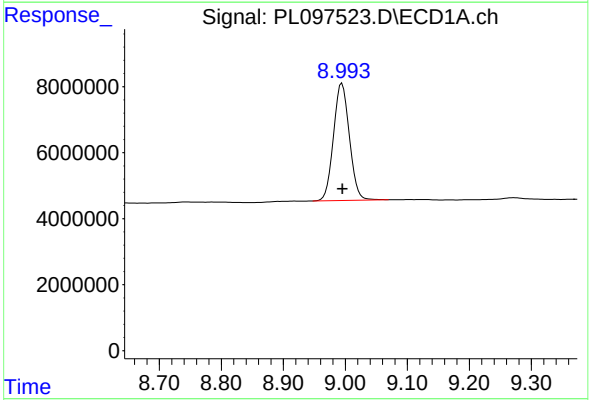
R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 78343871
Conc: 19.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



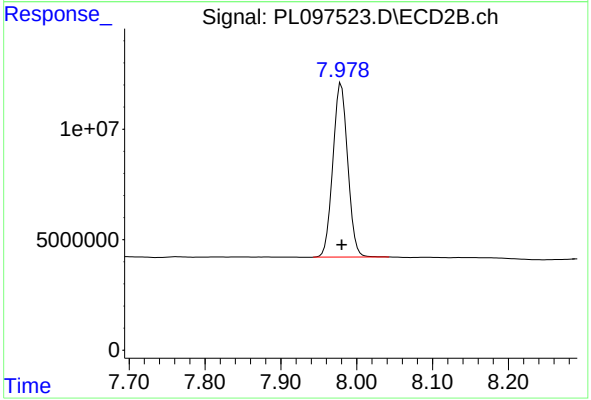
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.001 min
Response: 117720292
Conc: 19.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.995 min
Delta R.T.: 0.000 min
Response: 63482543
Conc: 21.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.979 min
Delta R.T.: 0.000 min
Response: 107064301
Conc: 20.63 ng/ml

Raw Data: **PL097612.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/13/25
Project:	Con Edison Richmond Terrace	Date Received:	10/13/25
Client Sample ID:	PIBLK-PL097612.D	SDG No.:	Q3323
Lab Sample ID:	I.BLK-PL097612.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	10/13/25	pl101325
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/13/25	pl101325
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/13/25	pl101325
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/13/25	pl101325
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/13/25	pl101325
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/13/25	pl101325
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/13/25	pl101325
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/13/25	pl101325
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/13/25	pl101325
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/13/25	pl101325
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/13/25	pl101325
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/13/25	pl101325
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/13/25	pl101325
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/13/25	pl101325
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/13/25	pl101325
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/13/25	pl101325
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/13/25	pl101325
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/13/25	pl101325
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/13/25	pl101325
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/13/25	pl101325
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/13/25	pl101325
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.7			57 - 171	133%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	22.0			61 - 148	110%	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\PL101325\
Data File : PL097612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 10:34
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 14 02:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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	89770277	131.7E6	22.020	21.633
28)	SA Decachlor...	8.999	7.982	79328650	109.1E6	26.677	21.027
	Target Compounds						

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

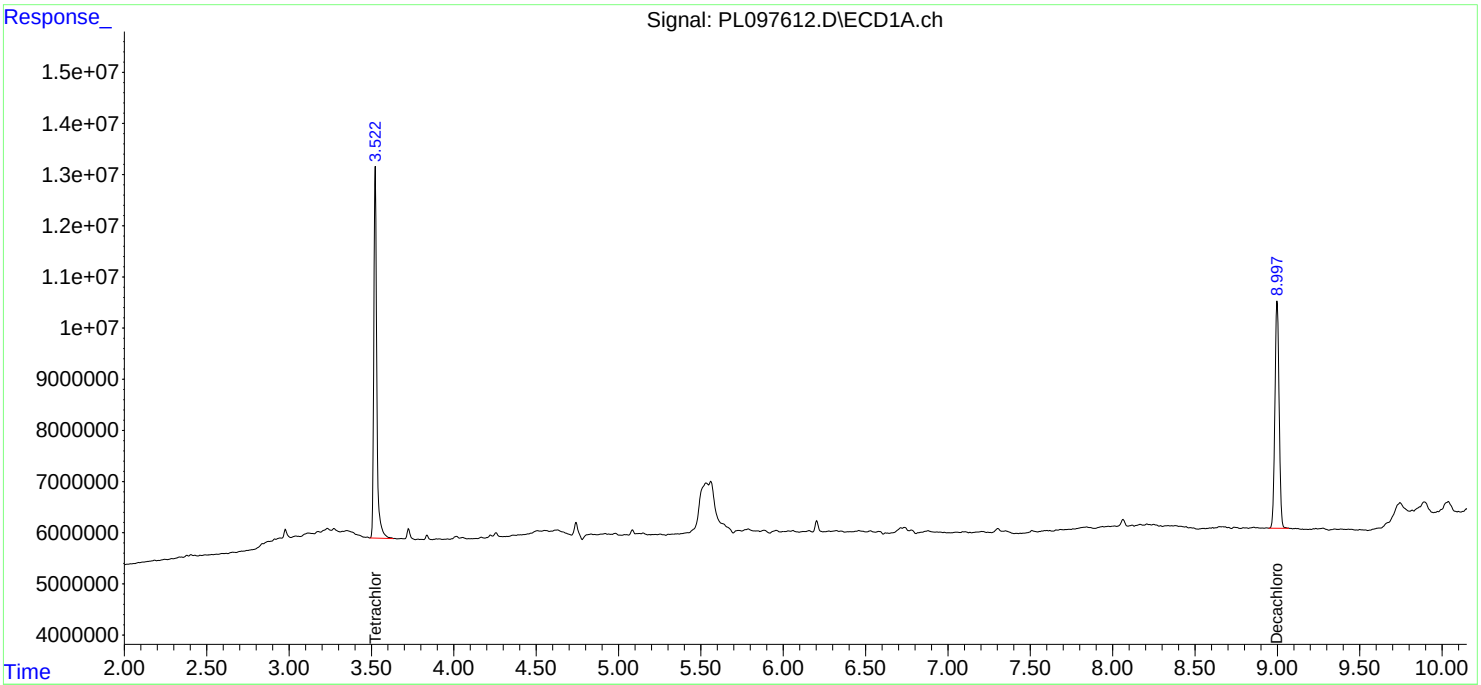
Sample Results: **PL097612.D**

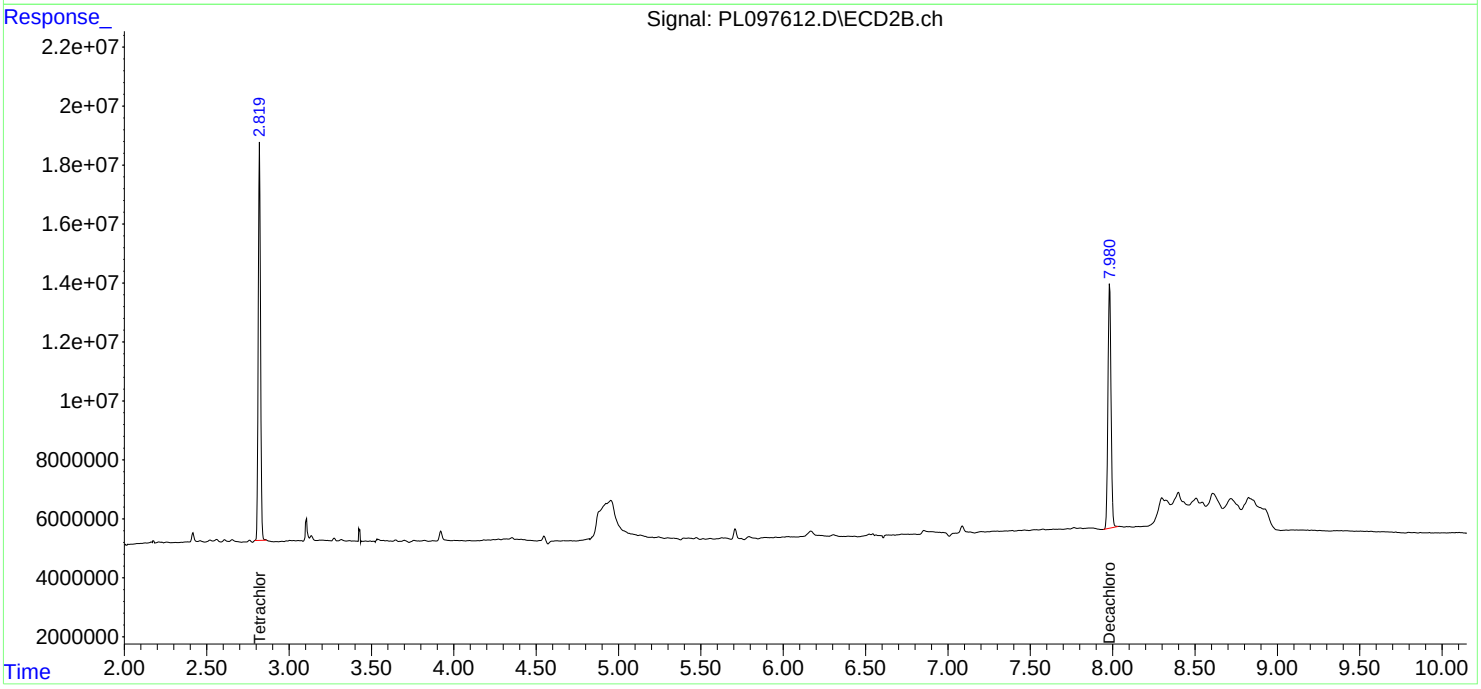
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 10:34
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

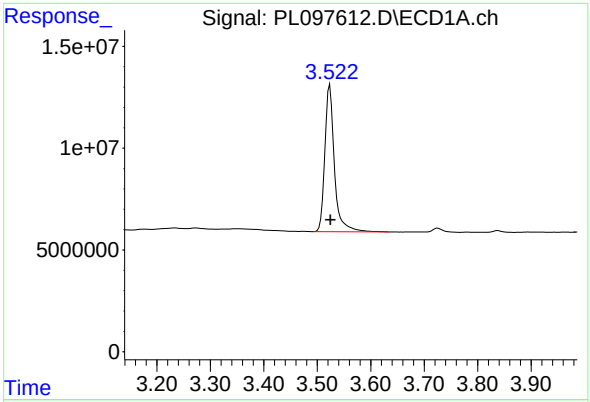
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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



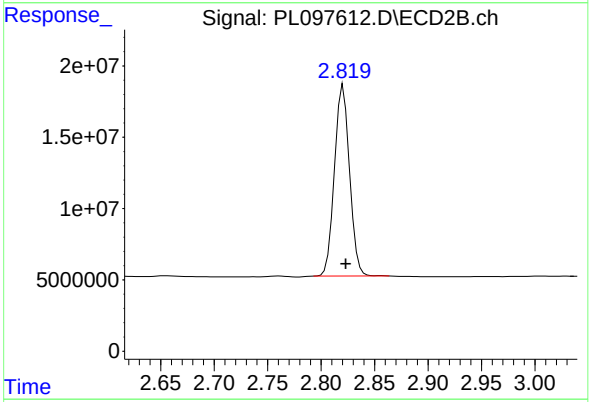




#1 Tetrachloro-m-xylene

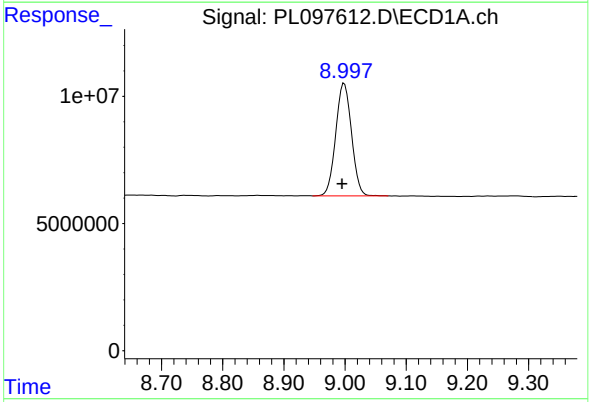
R.T.: 3.523 min
Delta R.T.: -0.002 min
Response: 89770277
Conc: 22.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



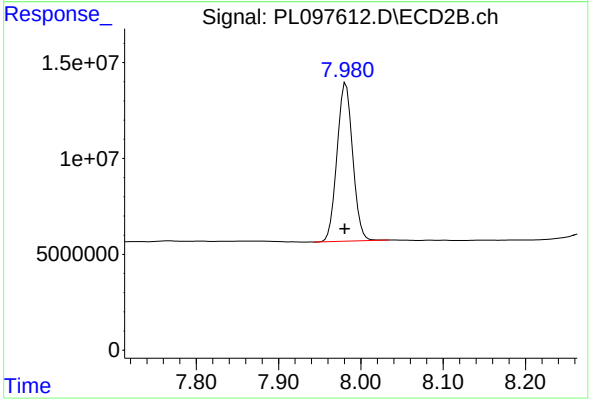
#1 Tetrachloro-m-xylene

R.T.: 2.821 min
Delta R.T.: -0.002 min
Response: 131665293
Conc: 21.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 79328650
Conc: 26.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.002 min
Response: 109109078
Conc: 21.03 ng/ml

Raw Data: **PL097622.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/13/25
Project:	Con Edison Richmond Terrace	Date Received:	10/13/25
Client Sample ID:	PIBLK-PL097622.D	SDG No.:	Q3323
Lab Sample ID:	I.BLK-PL097622.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	10/13/25	pl101325
319-85-7	beta-BHC	0.0049	U	1	0.0049	0.050	ug/L	10/13/25	pl101325
319-86-8	delta-BHC	0.011	U	1	0.011	0.050	ug/L	10/13/25	pl101325
58-89-9	gamma-BHC (Lindane)	0.0037	U	1	0.0037	0.050	ug/L	10/13/25	pl101325
76-44-8	Heptachlor	0.0027	U	1	0.0027	0.050	ug/L	10/13/25	pl101325
309-00-2	Aldrin	0.0036	U	1	0.0036	0.050	ug/L	10/13/25	pl101325
1024-57-3	Heptachlor epoxide	0.0096	U	1	0.0096	0.050	ug/L	10/13/25	pl101325
959-98-8	Endosulfan I	0.0031	U	1	0.0031	0.050	ug/L	10/13/25	pl101325
60-57-1	Dieldrin	0.0036	U	1	0.0036	0.050	ug/L	10/13/25	pl101325
72-55-9	4,4-DDE	0.0037	U	1	0.0037	0.050	ug/L	10/13/25	pl101325
72-20-8	Endrin	0.0032	U	1	0.0032	0.050	ug/L	10/13/25	pl101325
33213-65-9	Endosulfan II	0.0079	U	1	0.0079	0.050	ug/L	10/13/25	pl101325
72-54-8	4,4-DDD	0.0071	U	1	0.0071	0.050	ug/L	10/13/25	pl101325
1031-07-8	Endosulfan Sulfate	0.0037	U	1	0.0037	0.050	ug/L	10/13/25	pl101325
50-29-3	4,4-DDT	0.0035	U	1	0.0035	0.050	ug/L	10/13/25	pl101325
72-43-5	Methoxychlor	0.011	U	1	0.011	0.050	ug/L	10/13/25	pl101325
53494-70-5	Endrin ketone	0.0093	U	1	0.0093	0.050	ug/L	10/13/25	pl101325
7421-93-4	Endrin aldehyde	0.011	U	1	0.011	0.050	ug/L	10/13/25	pl101325
5103-71-9	alpha-Chlordane	0.0035	U	1	0.0035	0.050	ug/L	10/13/25	pl101325
5103-74-2	gamma-Chlordane	0.0039	U	1	0.0039	0.050	ug/L	10/13/25	pl101325
8001-35-2	Toxaphene	0.17	U	1	0.17	1.00	ug/L	10/13/25	pl101325
SURROGATES									
2051-24-3	Decachlorobiphenyl	22.9			57 - 171	114%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	21.5			61 - 148	108%	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

Sample Results: **PL097622.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 15:00
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 14 02:24:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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	2.823	86174104	130.9E6	21.138	21.504
28)	SA Decachlor...	8.997	7.982	68072639	104.7E6	22.892	20.174
	Target Compounds						

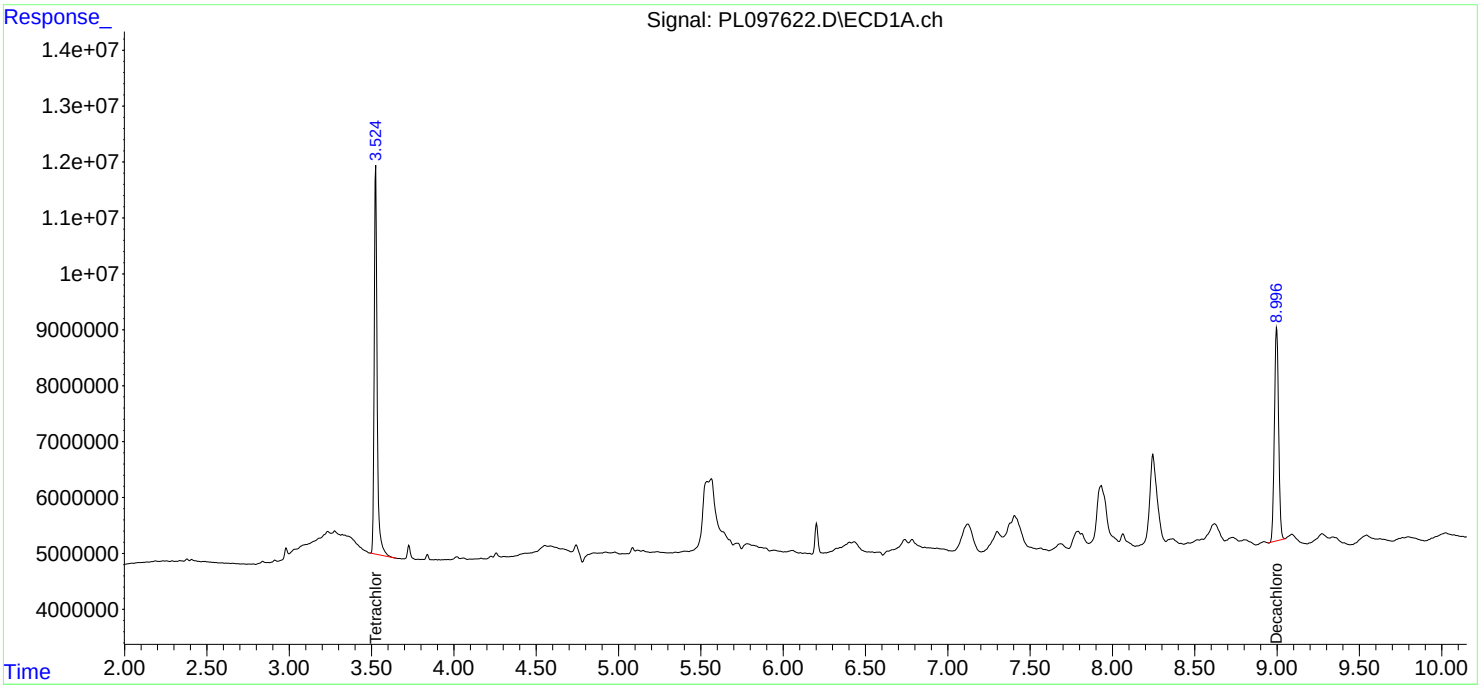
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

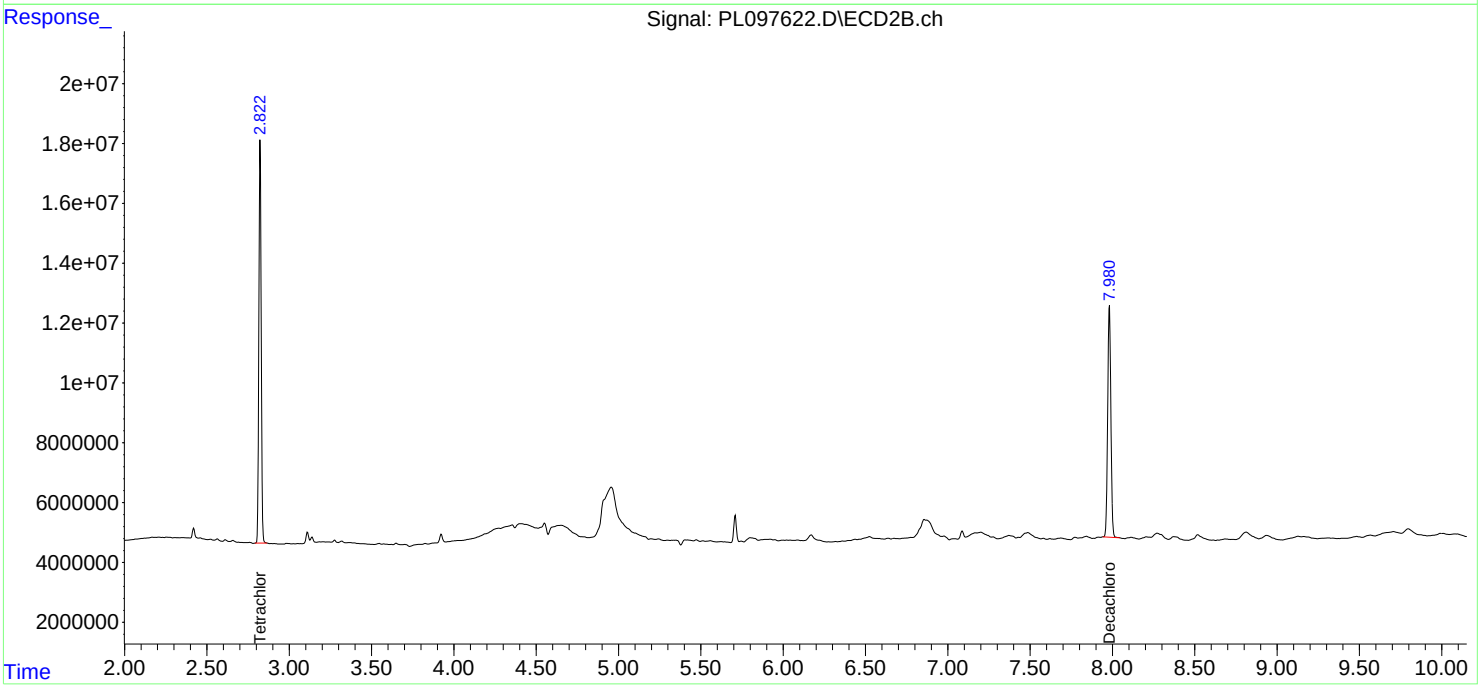
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 15:00
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

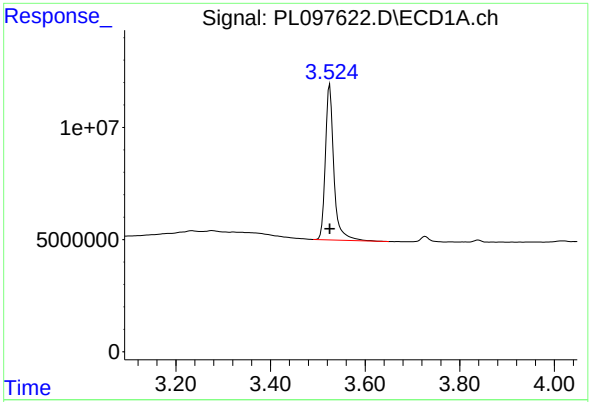
Instrument :
ECD_L
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:24:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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



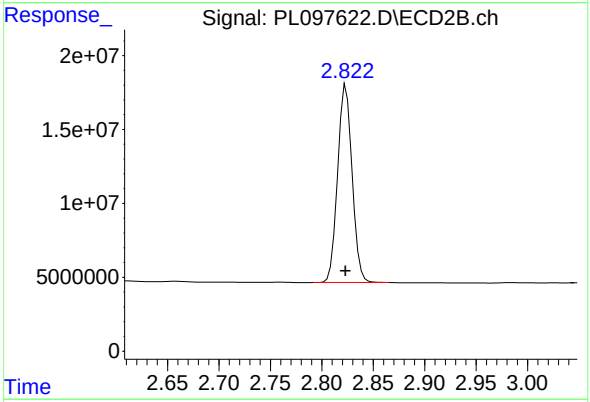




#1 Tetrachloro-m-xylene

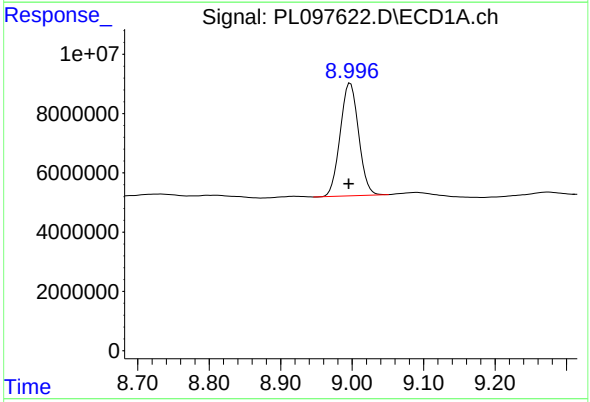
R.T.: 3.525 min
Delta R.T.: 0.000 min
Response: 86174104
Conc: 21.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
I.BLK



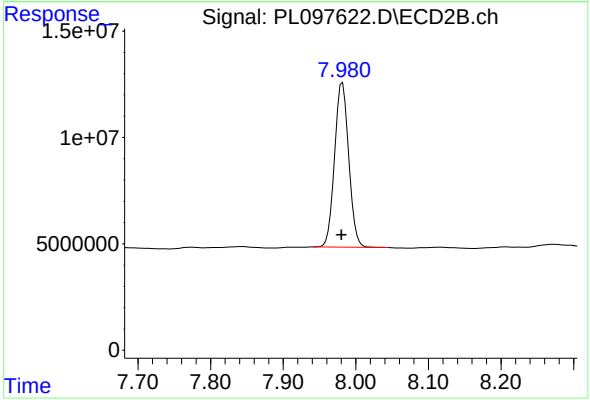
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 130885011
Conc: 21.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.002 min
Response: 68072639
Conc: 22.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.001 min
Response: 104683963
Conc: 20.17 ng/ml

Raw Data: **PD090575.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc			Date Collected:	
Project:	Con Edison Richmond Terrace			Date Received:	
Client Sample ID:	PB170065BS			SDG No.:	Q3323
Lab Sample ID:	PB170065BS			Matrix:	SOIL
Analytical Method:	8081B			% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol:	10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date	10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.1		1	0.13	1.70	ug/kg	10/14/25 11:53	PB170065
319-85-7	beta-BHC	17.0		1	0.18	1.70	ug/kg	10/14/25 11:53	PB170065
319-86-8	delta-BHC	17.1		1	0.39	1.70	ug/kg	10/14/25 11:53	PB170065
58-89-9	gamma-BHC (Lindane)	17.1		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
76-44-8	Heptachlor	16.4		1	0.12	1.70	ug/kg	10/14/25 11:53	PB170065
309-00-2	Aldrin	17.3		1	0.12	1.70	ug/kg	10/14/25 11:53	PB170065
1024-57-3	Heptachlor epoxide	17.3		1	0.19	1.70	ug/kg	10/14/25 11:53	PB170065
959-98-8	Endosulfan I	17.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
60-57-1	Dieldrin	17.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
72-55-9	4,4-DDE	17.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
72-20-8	Endrin	16.9		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
33213-65-9	Endosulfan II	17.1		1	0.29	1.70	ug/kg	10/14/25 11:53	PB170065
72-54-8	4,4-DDD	17.0		1	0.15	1.70	ug/kg	10/14/25 11:53	PB170065
1031-07-8	Endosulfan Sulfate	17.0		1	0.13	1.70	ug/kg	10/14/25 11:53	PB170065
50-29-3	4,4-DDT	16.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
72-43-5	Methoxychlor	15.4		1	0.37	1.70	ug/kg	10/14/25 11:53	PB170065
53494-70-5	Endrin ketone	16.7		1	0.19	1.70	ug/kg	10/14/25 11:53	PB170065
7421-93-4	Endrin aldehyde	18.3		1	0.37	1.70	ug/kg	10/14/25 11:53	PB170065
5103-71-9	alpha-Chlordane	17.2		1	0.12	1.70	ug/kg	10/14/25 11:53	PB170065
5103-74-2	gamma-Chlordane	17.3		1	0.15	1.70	ug/kg	10/14/25 11:53	PB170065
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/14/25 11:53	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.9			20 - 144	134%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.3			19 - 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\PD101425\
Data File : PD090575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 11:53
Operator : AR\AJ
Sample : PB170065BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170065BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:36:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial 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	2.874	67446409	639.4E6	20.750	23.292
28)	SA	Decachlor...	9.068	8.062	127.5E6	871.7E6	26.420	26.893
		Target Compounds						
2)	A	alpha-BHC	3.997	3.386	337.6E6	2242.1E6	48.339	51.210
3)	MA	gamma-BHC...	4.328	3.723	320.3E6	2088.1E6	48.404	51.259
4)	MA	Heptachlor	4.926	4.075	289.7E6	2002.9E6	43.803	49.192
5)	MB	Aldrin	5.267	4.361	309.1E6	2068.4E6	48.680	51.795
6)	B	beta-BHC	4.515	4.019	120.6E6	882.9E6	46.731	50.930
7)	B	delta-BHC	4.762	4.256	320.9E6	2116.8E6	49.687m	51.262
8)	B	Heptachlo...	5.688	4.865	276.2E6	1917.0E6	48.337	52.001
9)	A	Endosulfan I	6.069	5.239	260.5E6	1783.5E6	48.220m	51.539
10)	B	gamma-Chl...	5.943	5.118	275.4E6	2035.5E6	48.207	51.812
11)	B	alpha-Chl...	6.023	5.182	295.6E6	1943.7E6	51.306m	51.605
12)	B	4,4'-DDE	6.193	5.367	254.7E6	1976.6E6	48.911	51.637
13)	MA	Dieldrin	6.344	5.504	281.7E6	2006.7E6	48.875	51.525
14)	MA	Endrin	6.571	5.781	240.5E6	1821.6E6	49.133	50.837
15)	B	Endosulfa...	6.783	6.072	239.8E6	1733.4E6	49.159	51.358
16)	A	4,4'-DDD	6.703	5.921	198.8E6	1657.1E6	48.524	51.100
17)	MA	4,4'-DDT	7.018	6.175	206.1E6	1671.9E6	46.288	48.633
18)	B	Endrin al...	6.913	6.251	176.8E6	1291.7E6	51.536	54.856
19)	B	Endosulfa...	7.147	6.474	220.6E6	1672.0E6	47.951	51.146
20)	A	Methoxychlor	7.491	6.745	102.4E6	802.1E6	43.451	46.096
21)	B	Endrin ke...	7.627	6.983	234.9E6	1807.0E6	47.486	50.052
22)		Mirex	8.110	7.176	167.5E6	1343.7E6	45.224	48.673

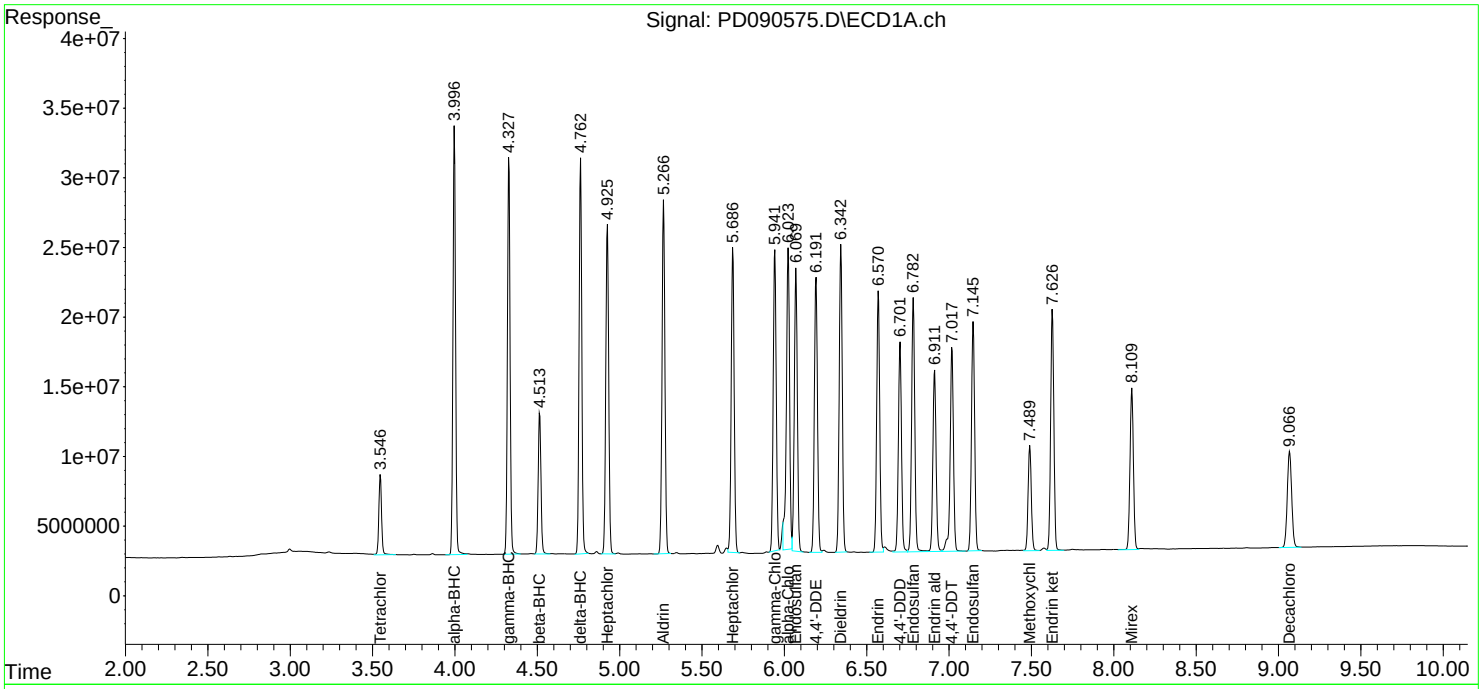
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

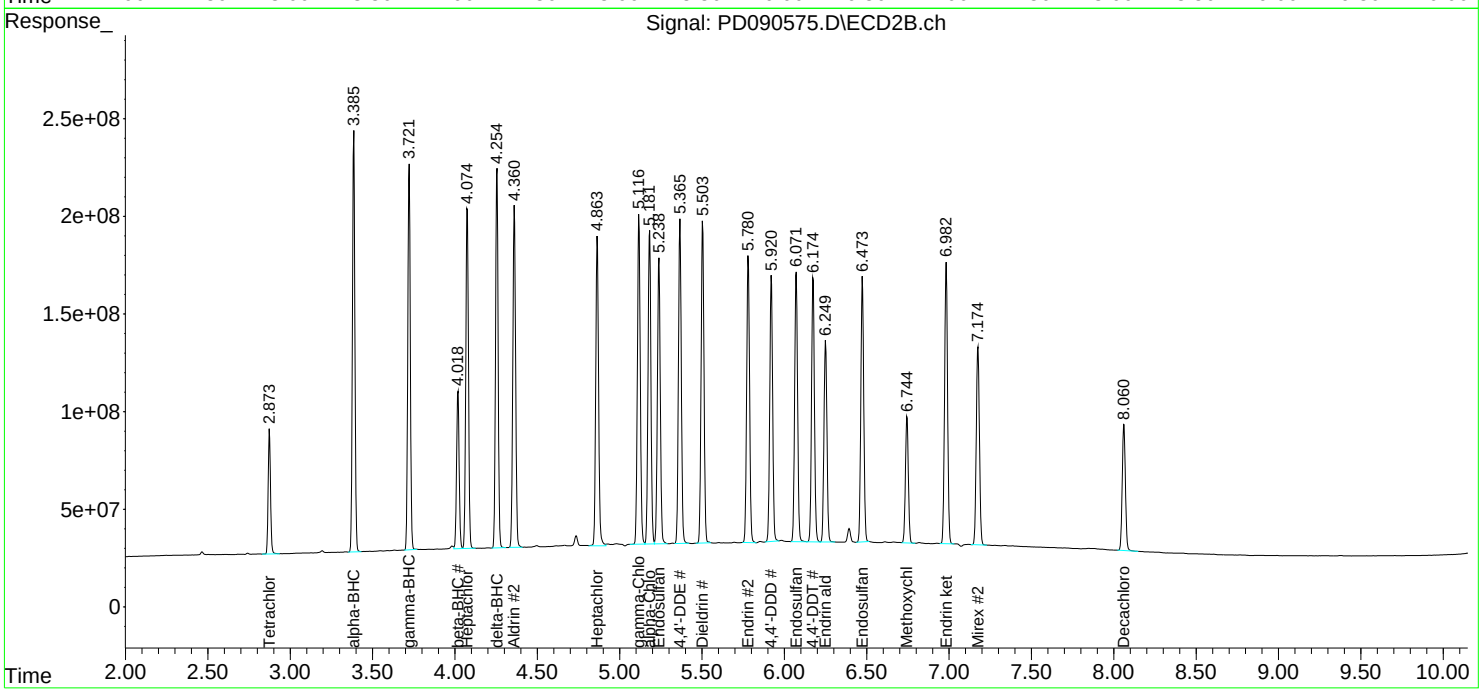
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101425\
Data File : PD090575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Oct 2025 11:53
Operator : AR\AJ
Sample : PB170065BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB170065BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 15 07:36:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PL097619.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/10/25
Project:	Con Edison Richmond Terrace	Date Received:	10/10/25
Client Sample ID:	TP-1MS	SDG No.:	Q3323
Lab Sample ID:	Q3326-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	88.3
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date 10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	18.9		1	0.15	1.90	ug/kg	10/13/25 14:20	PB170065
319-85-7	beta-BHC	19.2		1	0.20	1.90	ug/kg	10/13/25 14:20	PB170065
319-86-8	delta-BHC	19.2		1	0.44	1.90	ug/kg	10/13/25 14:20	PB170065
58-89-9	gamma-BHC (Lindane)	18.7		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
76-44-8	Heptachlor	18.0		1	0.14	1.90	ug/kg	10/13/25 14:20	PB170065
309-00-2	Aldrin	18.6		1	0.14	1.90	ug/kg	10/13/25 14:20	PB170065
1024-57-3	Heptachlor epoxide	17.9		1	0.21	1.90	ug/kg	10/13/25 14:20	PB170065
959-98-8	Endosulfan I	18.6		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
60-57-1	Dieldrin	18.9		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
72-55-9	4,4-DDE	19.2		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
72-20-8	Endrin	17.0		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
33213-65-9	Endosulfan II	17.7		1	0.33	1.90	ug/kg	10/13/25 14:20	PB170065
72-54-8	4,4-DDD	20.0		1	0.17	1.90	ug/kg	10/13/25 14:20	PB170065
1031-07-8	Endosulfan Sulfate	18.2		1	0.15	1.90	ug/kg	10/13/25 14:20	PB170065
50-29-3	4,4-DDT	16.9		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
72-43-5	Methoxychlor	16.1		1	0.42	1.90	ug/kg	10/13/25 14:20	PB170065
53494-70-5	Endrin ketone	18.7		1	0.21	1.90	ug/kg	10/13/25 14:20	PB170065
7421-93-4	Endrin aldehyde	18.6		1	0.42	1.90	ug/kg	10/13/25 14:20	PB170065
5103-71-9	alpha-Chlordane	18.5		1	0.14	1.90	ug/kg	10/13/25 14:20	PB170065
5103-74-2	gamma-Chlordane	18.6		1	0.17	1.90	ug/kg	10/13/25 14:20	PB170065
8001-35-2	Toxaphene	6.10	U	1	6.10	37.3	ug/kg	10/13/25 14:20	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			20 - 144	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.1			19 - 148	81%	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

Sample Results: **PL097619.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 14:20
Operator : AR\AJ
Sample : Q3326-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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	2.823	63512237	97971616	15.579m	16.097
28)	SA Decachlor...	8.997	7.982	48618037	72990493	16.350	14.066
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	337.9E6	485.2E6	50.085	49.173
3)	MA gamma-BHC...	4.300	3.660	316.6E6	446.8E6	49.808	48.627
4)	MA Heptachlor	4.890	4.007	307.8E6	422.0E6	47.710	45.905
5)	MB Aldrin	5.229	4.289	296.5E6	419.9E6	49.319	48.417
6)	B beta-BHC	4.488	3.956	131.6E6	186.0E6	50.893	46.743
7)	B delta-BHC	4.734	4.188	310.5E6	437.5E6	51.137	48.432
8)	B Heptachlo...	5.649	4.791	276.9E6	374.2E6	47.559	47.384
9)	A Endosulfan I	6.030	5.161	245.1E6	349.7E6	49.308	47.421
10)	B gamma-Chl...	5.903	5.042	267.6E6	402.9E6	49.307	46.341
11)	B alpha-Chl...	5.983	5.106	267.4E6	388.4E6	49.271	46.645
12)	B 4,4'-DDE	6.153	5.295	237.6E6	356.5E6	51.027	46.955
13)	MA Dieldrin	6.303	5.425	264.2E6	381.6E6	50.224	46.153
14)	MA Endrin	6.529	5.700	202.5E6	320.2E6	45.258	43.268
15)	B Endosulfa...	6.742	5.992	219.8E6	325.5E6	44.926	47.146
16)	A 4,4'-DDD	6.662	5.847	200.6E6	301.4E6	53.152	47.242
17)	MA 4,4'-DDT	6.976	6.100	182.2E6	270.1E6	44.947	40.535
18)	B Endrin al...	6.871	6.170	162.0E6	239.7E6	49.441	41.624
19)	B Endosulfa...	7.105	6.393	194.3E6	294.7E6	48.447	44.263
20)	A Methoxychlor	7.449	6.671	89344464	142.6E6	42.769	39.120
21)	B Endrin ke...	7.584	6.898	212.7E6	331.4E6	49.678	41.948
22)	Mirex	8.062	7.087	139.5E6	221.0E6	44.896	41.312

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

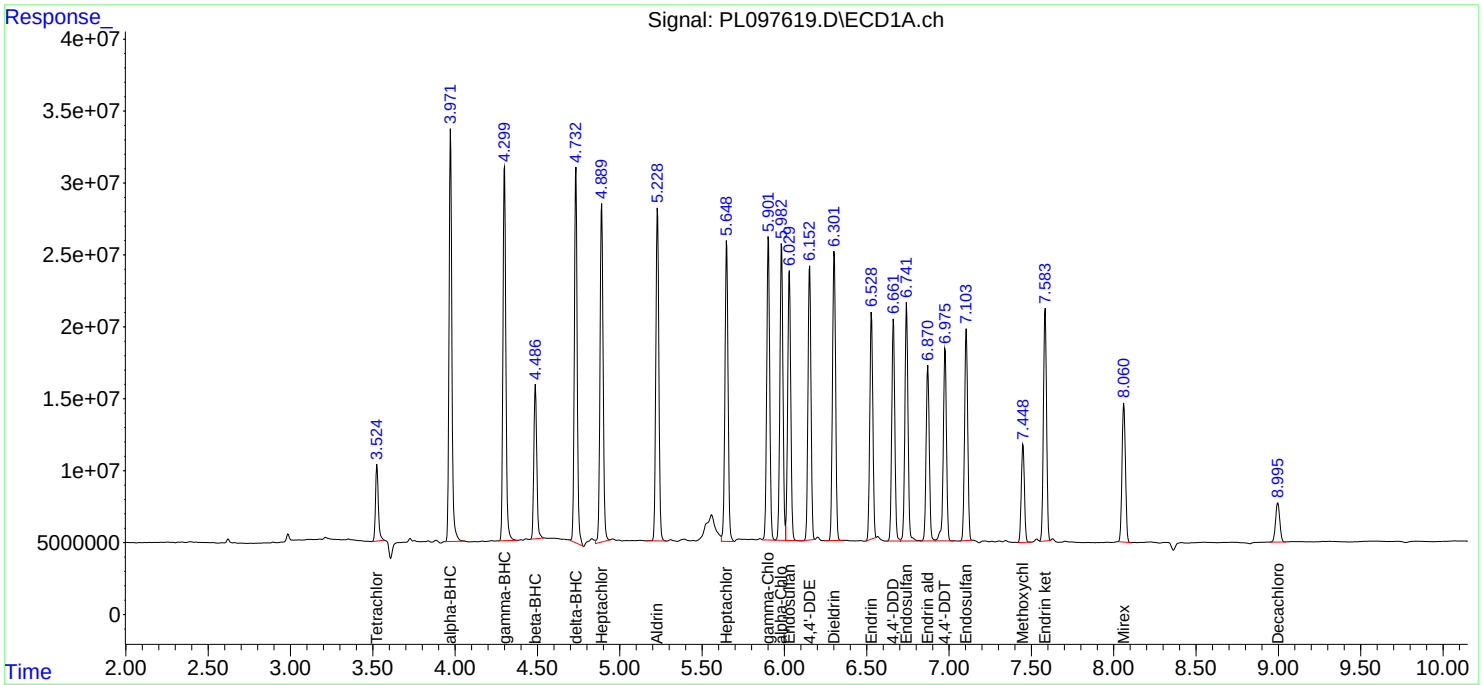
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 14:20
Operator : AR\AJ
Sample : Q3326-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

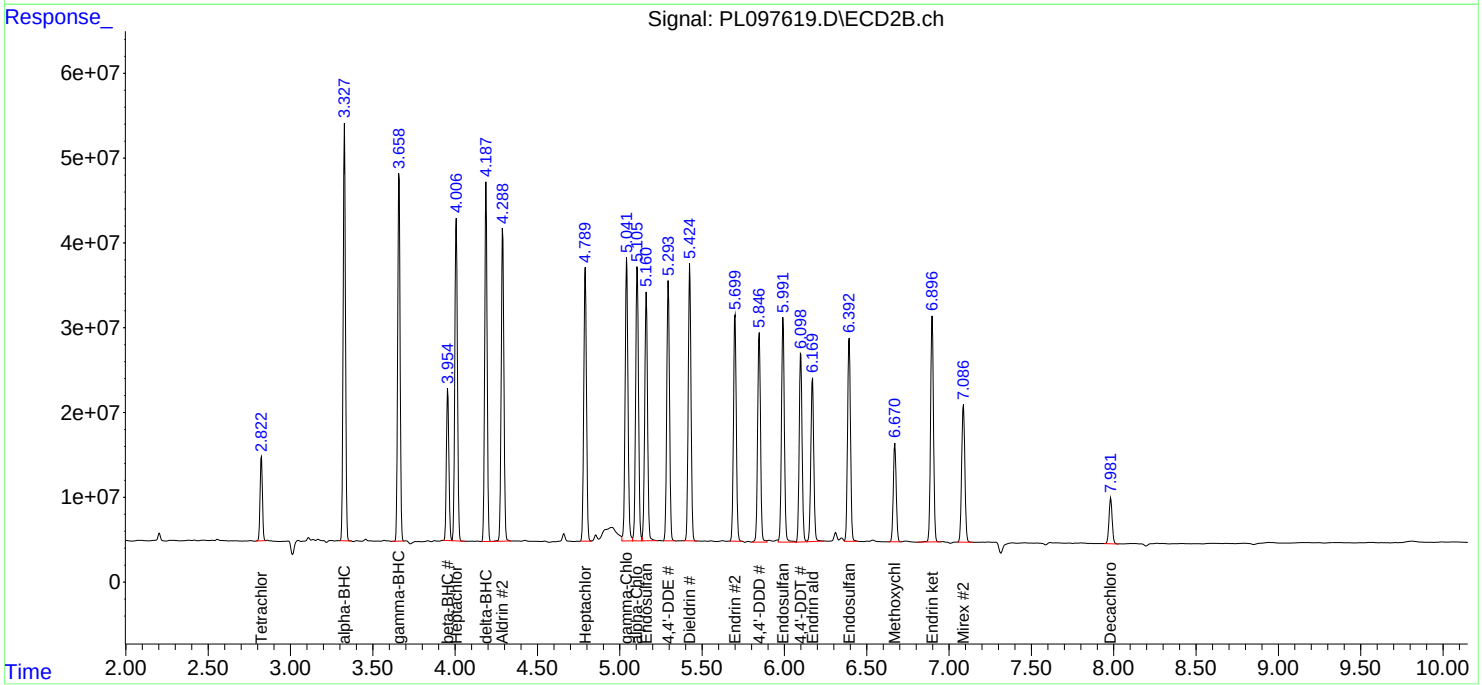
Instrument :
ECD_L
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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





Raw Data: **PL097620.D**

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

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/10/25
Project:	Con Edison Richmond Terrace	Date Received:	10/10/25
Client Sample ID:	TP-1MSD	SDG No.:	Q3323
Lab Sample ID:	Q3326-01MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	88.3
Sample Wt/Vol:	30.02 g Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B Prep Date 10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	18.6		1	0.15	1.90	ug/kg	10/13/25 14:33	PB170065
319-85-7	beta-BHC	18.9		1	0.20	1.90	ug/kg	10/13/25 14:33	PB170065
319-86-8	delta-BHC	19.1		1	0.44	1.90	ug/kg	10/13/25 14:33	PB170065
58-89-9	gamma-BHC (Lindane)	18.5		1	0.16	1.90	ug/kg	10/13/25 14:33	PB170065
76-44-8	Heptachlor	18.0		1	0.14	1.90	ug/kg	10/13/25 14:33	PB170065
309-00-2	Aldrin	18.4		1	0.14	1.90	ug/kg	10/13/25 14:33	PB170065
1024-57-3	Heptachlor epoxide	17.8		1	0.22	1.90	ug/kg	10/13/25 14:33	PB170065
959-98-8	Endosulfan I	18.3		1	0.16	1.90	ug/kg	10/13/25 14:33	PB170065
60-57-1	Dieldrin	18.9		1	0.16	1.90	ug/kg	10/13/25 14:33	PB170065
72-55-9	4,4-DDE	19.1		1	0.16	1.90	ug/kg	10/13/25 14:33	PB170065
72-20-8	Endrin	17.5		1	0.16	1.90	ug/kg	10/13/25 14:33	PB170065
33213-65-9	Endosulfan II	18.0		1	0.33	1.90	ug/kg	10/13/25 14:33	PB170065
72-54-8	4,4-DDD	21.2		1	0.17	1.90	ug/kg	10/13/25 14:33	PB170065
1031-07-8	Endosulfan Sulfate	18.1		1	0.15	1.90	ug/kg	10/13/25 14:33	PB170065
50-29-3	4,4-DDT	16.6		1	0.16	1.90	ug/kg	10/13/25 14:33	PB170065
72-43-5	Methoxychlor	15.8		1	0.42	1.90	ug/kg	10/13/25 14:33	PB170065
53494-70-5	Endrin ketone	18.7		1	0.22	1.90	ug/kg	10/13/25 14:33	PB170065
7421-93-4	Endrin aldehyde	18.3		1	0.42	1.90	ug/kg	10/13/25 14:33	PB170065
5103-71-9	alpha-Chlordane	18.3		1	0.14	1.90	ug/kg	10/13/25 14:33	PB170065
5103-74-2	gamma-Chlordane	18.4		1	0.17	1.90	ug/kg	10/13/25 14:33	PB170065
8001-35-2	Toxaphene	6.10	U	1	6.10	37.3	ug/kg	10/13/25 14:33	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			20 - 144	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.0			19 - 148	80%	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

Sample Results: **PL097620.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 14:33
Operator : AR\AJ
Sample : Q3326-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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	2.824	64713255	97152626	15.874m	15.962
28)	SA Decachlor...	8.996	7.981	48833950	73615889	16.422	14.187
	Target Compounds						
2)	A alpha-BHC	3.972	3.328	332.2E6	481.0E6	49.241	48.750
3)	MA gamma-BHC...	4.300	3.660	311.4E6	443.7E6	48.993	48.298
4)	MA Heptachlor	4.890	4.007	308.1E6	414.9E6	47.757	45.138
5)	MB Aldrin	5.229	4.289	293.6E6	417.0E6	48.826	48.089
6)	B beta-BHC	4.487	3.956	129.8E6	183.4E6	50.202	46.096
7)	B delta-BHC	4.733	4.188	307.5E6	433.4E6	50.636	47.973
8)	B Heptachlo...	5.648	4.791	275.1E6	370.9E6	47.252	46.966
9)	A Endosulfan I	6.030	5.161	241.5E6	344.3E6	48.585	46.683
10)	B gamma-Chl...	5.902	5.043	265.2E6	401.6E6	48.857	46.201
11)	B alpha-Chl...	5.982	5.107	263.9E6	387.1E6	48.632	46.486
12)	B 4,4'-DDE	6.153	5.295	235.8E6	357.5E6	50.639	47.088
13)	MA Dieldrin	6.302	5.426	263.1E6	395.4E6	50.015	47.824
14)	MA Endrin	6.529	5.700	207.7E6	318.2E6	46.417	42.995
15)	B Endosulfa...	6.742	5.992	229.0E6	329.1E6	46.801	47.662
16)	A 4,4'-DDD	6.662	5.848	212.2E6	303.5E6	56.234	47.572
17)	MA 4,4'-DDT	6.976	6.100	178.5E6	264.8E6	44.032	39.741
18)	B Endrin al...	6.870	6.171	159.2E6	240.5E6	48.597m	41.766
19)	B Endosulfa...	7.104	6.394	192.6E6	294.7E6	48.035	44.260
20)	A Methoxychlor	7.449	6.671	87431249	140.3E6	41.853	38.490
21)	B Endrin ke...	7.584	6.898	212.3E6	337.4E6	49.593	42.704
22)	Mirex	8.062	7.087	137.8E6	221.5E6	44.335	41.397

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

Sample Results: **PL097620.D**

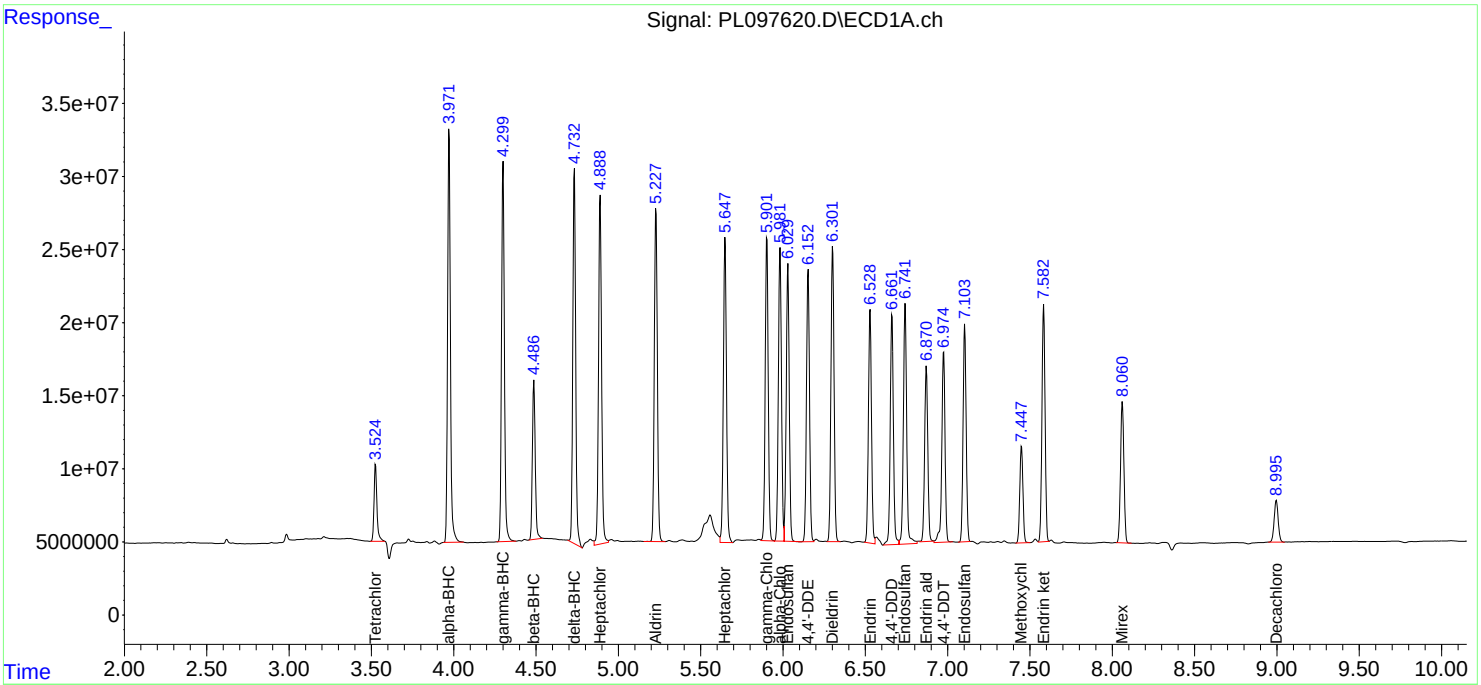
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101325\
Data File : PL097620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Oct 2025 14:33
Operator : AR\AJ
Sample : Q3326-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

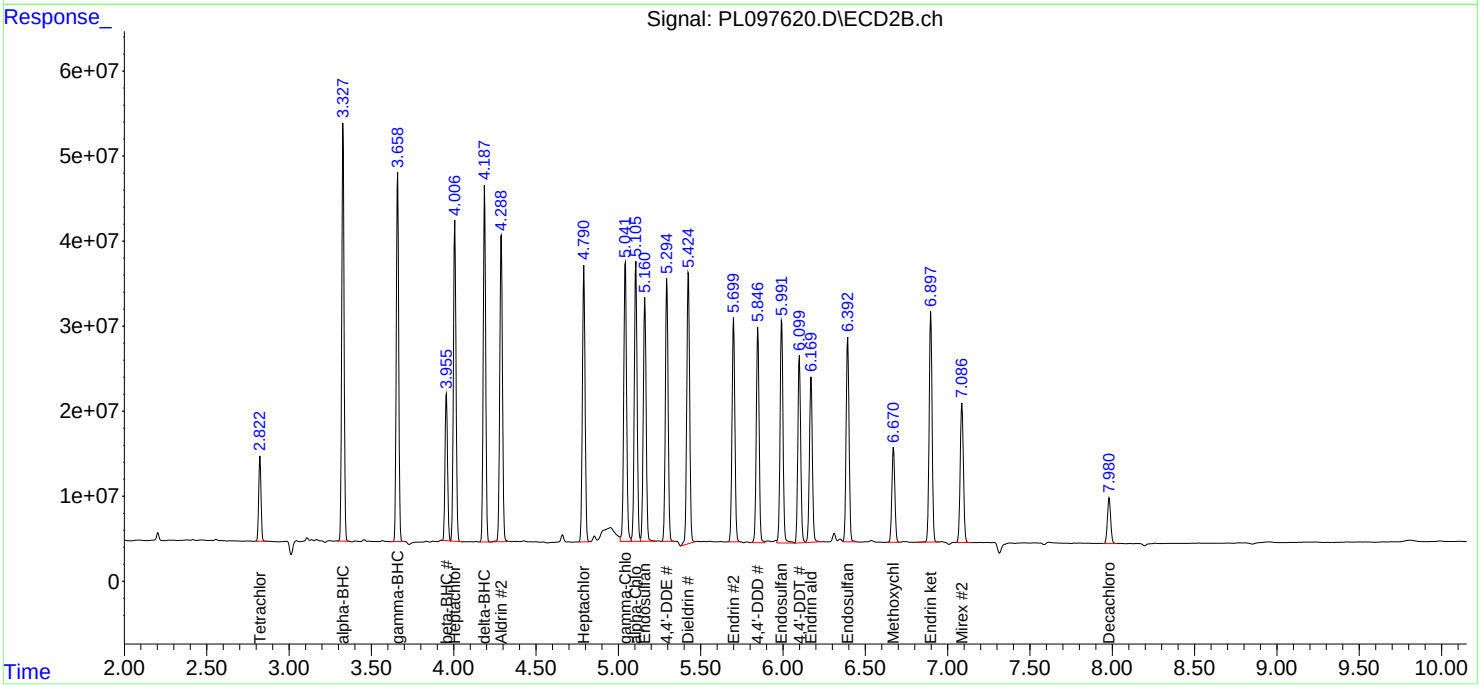
Instrument :
ECD_L
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 14 02:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100725.M
Quant Title : GC Extractables
QLast Update : Tue Oct 07 16:47:00 2025
Response via : Initial 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

Manual Integration Report

Sequence:	pd091825	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090328.D	4,4"-DDD	Abdul	9/19/2025 9:36:57 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PEM	PD090328.D	Endrin aldehyde	Abdul	9/19/2025 9:36:57 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	4,4"-DDE #2	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	delta-BHC	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	Endrin #2	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	Heptachlor	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICC005	PD090334.D	Tetrachloro-m-xylene	Abdul	9/19/2025 9:37:00 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PSTDICV050	PD090345.D	delta-BHC	Abdul	9/19/2025 9:00:34 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software
PTOXICV500	PD090347.D	Toxaphene-5	Abdul	9/19/2025 9:00:37 AM	mohammad	9/22/2025 2:37:01	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD101425	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD090572.D	4,4"-DDE #2	Abdul	10/15/2025 4:05:34 PM			Peak Integrated by Software
PEM	PD090572.D	Endrin aldehyde	Abdul	10/15/2025 4:05:34 PM			Peak Integrated by Software
PEM	PD090572.D	Endrin ketone #2	Abdul	10/15/2025 4:05:34 PM			Peak Integrated by Software
PSTDCCC050	PD090573.D	delta-BHC	Abdul	10/15/2025 4:05:31 PM			Peak Integrated by Software
PB170065BS	PD090575.D	alpha-Chlordane	Abdul	10/15/2025 4:05:27 PM			Peak Integrated by Software
PB170065BS	PD090575.D	delta-BHC	Abdul	10/15/2025 4:05:27 PM			Peak Integrated by Software
PB170065BS	PD090575.D	Endosulfan I	Abdul	10/15/2025 4:05:27 PM			Peak Integrated by Software
Q3323-01	PD090576.D	Aldrin	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software
Q3323-01	PD090576.D	Aldrin #2	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software
Q3323-01	PD090576.D	alpha-Chlordane #2	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software
Q3323-01	PD090576.D	gamma-Chlordane #2	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software
Q3323-01	PD090576.D	Heptachlor epoxide	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software
Q3323-01	PD090576.D	Heptachlor epoxide #2	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD101425	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3323-01	PD090576.D	Tetrachloro-m-xylene	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software
Q3323-01	PD090576.D	Tetrachloro-m-xylene #2	Abdul	10/15/2025 4:05:24 PM			Peak Integrated by Software
Q3323-02	PD090577.D	4,4"-DDE #2	Abdul	10/15/2025 4:05:20 PM			Peak Integrated by Software
Q3323-02	PD090577.D	alpha-Chlordane	Abdul	10/15/2025 4:05:20 PM			Peak Integrated by Software
Q3323-02	PD090577.D	alpha-Chlordane #2	Abdul	10/15/2025 4:05:20 PM			Peak Integrated by Software
Q3323-02	PD090577.D	gamma-Chlordane #2	Abdul	10/15/2025 4:05:20 PM			Peak Integrated by Software
Q3323-02	PD090577.D	Tetrachloro-m-xylene	Abdul	10/15/2025 4:05:20 PM			Peak Integrated by Software
Q3323-02	PD090577.D	Tetrachloro-m-xylene #2	Abdul	10/15/2025 4:05:20 PM			Peak Integrated by Software
Q3323-03	PD090578.D	4,4"-DDD	Abdul	10/15/2025 4:05:17 PM			Peak Integrated by Software
Q3323-03	PD090578.D	4,4"-DDD #2	Abdul	10/15/2025 4:05:17 PM			Peak Integrated by Software
Q3323-03	PD090578.D	4,4"-DDE #2	Abdul	10/15/2025 4:05:17 PM			Peak Integrated by Software
Q3323-03	PD090578.D	Tetrachloro-m-xylene	Abdul	10/15/2025 4:05:17 PM			Peak Integrated by Software
Q3323-03	PD090578.D	Tetrachloro-m-xylene #2	Abdul	10/15/2025 4:05:17 PM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD101425	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3323-04	PD090579.D	Tetrachloro-m-xylene	Abdul	10/15/2025 4:05:14 PM			Peak Integrated by Software
Q3323-04	PD090579.D	Tetrachloro-m-xylene #2	Abdul	10/15/2025 4:05:14 PM			Peak Integrated by Software
Q3323-05	PD090580.D	Tetrachloro-m-xylene	Abdul	10/15/2025 4:05:11 PM			Peak Integrated by Software
Q3323-05	PD090580.D	Tetrachloro-m-xylene #2	Abdul	10/15/2025 4:05:11 PM			Peak Integrated by Software
Q3323-06	PD090581.D	Tetrachloro-m-xylene	Abdul	10/15/2025 4:05:51 PM			Peak Integrated by Software
Q3323-06	PD090581.D	Tetrachloro-m-xylene #2	Abdul	10/15/2025 4:05:51 PM			Peak Integrated by Software
Q3323-07	PD090582.D	4,4"-DDD	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	4,4"-DDD #2	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	4,4"-DDE #2	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	4,4"-DDT	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	4,4"-DDT #2	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	alpha-Chlordane	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	alpha-Chlordane #2	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	PD101425	Instrument	ECD_d

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3323-07	PD090582.D	Decachlorobiphenyl	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	Tetrachloro-m-xylene	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
Q3323-07	PD090582.D	Tetrachloro-m-xylene #2	Abdul	10/15/2025 4:05:08 PM			Peak Integrated by Software
PSTDCCC050	PD090584.D	delta-BHC	Abdul	10/15/2025 4:06:06 PM			Peak Integrated by Software
PSTDCCC050	PD090592.D	4,4"-DDT	Abdul	10/15/2025 4:04:51 PM			Peak Integrated by Software
PSTDCCC050	PD090592.D	delta-BHC	Abdul	10/15/2025 4:04:51 PM			Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL100725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097524.D	Endrin aldehyde	Abdul	10/8/2025 8:59:59 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PEM	PL097524.D	Endrin ketone	Abdul	10/8/2025 8:59:59 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
RESCHK	PL097525.D	Dieldrin #2	Abdul	10/8/2025 9:00:03 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
RESCHK	PL097525.D	gamma-Chlordane	Abdul	10/8/2025 9:00:03 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
RESCHK	PL097525.D	gamma-Chlordane #2	Abdul	10/8/2025 9:00:03 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
RESCHK	PL097525.D	Methoxychlor	Abdul	10/8/2025 9:00:03 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC075	PL097527.D	4,4"-DDD	Abdul	10/8/2025 9:00:07 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC075	PL097527.D	alpha-Chlordane	Abdul	10/8/2025 9:00:07 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC075	PL097527.D	Endosulfan I	Abdul	10/8/2025 9:00:07 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC075	PL097527.D	Endrin	Abdul	10/8/2025 9:00:07 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC075	PL097527.D	gamma-Chlordane	Abdul	10/8/2025 9:00:07 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC075	PL097527.D	Heptachlor epoxide	Abdul	10/8/2025 9:00:07 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC075	PL097527.D	Methoxychlor	Abdul	10/8/2025 9:00:07 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL100725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC025	PL097529.D	Endrin	Abdul	10/8/2025 9:00:11 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	4,4"-DDD	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	4,4"-DDD #2	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	alpha-Chlordane #2	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	Endosulfan I #2	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	Endosulfan II	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	Endrin ketone	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	Endrin ketone #2	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	gamma-Chlordane #2	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	Heptachlor	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	Heptachlor epoxide	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDICC005	PL097530.D	Methoxychlor	Abdul	10/8/2025 9:00:14 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PCHLORICV500	PL097542.D	Chlordane-1	Abdul	10/8/2025 9:00:32 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL100725	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097545.D	Endrin aldehyde	Abdul	10/8/2025 9:00:35 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDCCC050	PL097546.D	4,4"-DDD	Abdul	10/8/2025 9:00:39 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDCCC050	PL097546.D	Heptachlor epoxide #2	Abdul	10/8/2025 9:00:39 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDCCC050	PL097546.D	Methoxychlor	Abdul	10/8/2025 9:00:39 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software
PSTDCCC050	PL097559.D	Methoxychlor #2	Abdul	10/8/2025 8:59:17 AM	mohammad	10/9/2025 1:41:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pl101325	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL097613.D	4,4"-DDE	Abdul	10/14/2025 12:30:09 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software
PEM	PL097613.D	4,4"-DDE #2	Abdul	10/14/2025 12:30:09 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software
PEM	PL097613.D	Endrin aldehyde	Abdul	10/14/2025 12:30:09 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software
PSTDCCC050	PL097614.D	4,4"-DDD	Abdul	10/14/2025 12:35:51 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software
Q3326-01MS	PL097619.D	Tetrachloro-m-xylene	Abdul	10/14/2025 12:45:05 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software
Q3326-01MSD	PL097620.D	Endrin aldehyde	Abdul	10/14/2025 12:30:17 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software
Q3326-01MSD	PL097620.D	Tetrachloro-m-xylene	Abdul	10/14/2025 12:30:17 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software
PSTDCCC050	PL097634.D	4,4"-DDD	Abdul	10/14/2025 12:32:46 PM	mohammad	10/15/2025 1:15:42	Peak Integrated by Software

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM		
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM		
SubDirectory	PD091825	HP Acquire Method		HP Processing Method	pd091825 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	PD090326.D	18 Sep 2025 09:36	AR\AJ	Ok
2	I.BLK	PD090327.D	18 Sep 2025 09:49	AR\AJ	Ok
3	PEM	PD090328.D	18 Sep 2025 10:03	AR\AJ	Ok,M
4	RESCHK	PD090329.D	18 Sep 2025 10:16	AR\AJ	Ok
5	PSTDICC100	PD090330.D	18 Sep 2025 10:30	AR\AJ	Ok
6	PSTDICC075	PD090331.D	18 Sep 2025 10:43	AR\AJ	Ok
7	PSTDICC050	PD090332.D	18 Sep 2025 10:57	AR\AJ	Ok
8	PSTDICC025	PD090333.D	18 Sep 2025 11:11	AR\AJ	Ok
9	PSTDICC005	PD090334.D	18 Sep 2025 11:24	AR\AJ	Ok,M
10	PCHLORICC1000	PD090335.D	18 Sep 2025 11:38	AR\AJ	Ok
11	PCHLORICC750	PD090336.D	18 Sep 2025 11:51	AR\AJ	Ok
12	PCHLORICC500	PD090337.D	18 Sep 2025 12:05	AR\AJ	Ok
13	PCHLORICC250	PD090338.D	18 Sep 2025 12:18	AR\AJ	Ok
14	PCHLORICC050	PD090339.D	18 Sep 2025 12:32	AR\AJ	Ok,M
15	PTOXICC1000	PD090340.D	18 Sep 2025 12:45	AR\AJ	Ok
16	PTOXICC750	PD090341.D	18 Sep 2025 12:59	AR\AJ	Ok
17	PTOXICC500	PD090342.D	18 Sep 2025 13:12	AR\AJ	Ok
18	PTOXICC250	PD090343.D	18 Sep 2025 13:26	AR\AJ	Ok
19	PTOXICC100	PD090344.D	18 Sep 2025 13:40	AR\AJ	Ok
20	PSTDICV050	PD090345.D	18 Sep 2025 13:53	AR\AJ	Ok,M
21	PCHLORICV500	PD090346.D	18 Sep 2025 14:07	AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM		
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM		
SubDirectory	PD091825	HP Acquire Method		HP Processing Method	pd091825 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	PD090347.D	18 Sep 2025 15:21	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101425

Review By	Abdul	Review On	10/15/2025 4:06:26 PM		
Supervise By		Supervise On			
SubDirectory	PD101425	HP Acquire Method		HP Processing Method	pd091825 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	PD090570.D	14 Oct 2025 10:12	AR\AJ	Ok
2	I.BLK	PD090571.D	14 Oct 2025 10:26	AR\AJ	Ok
3	PEM	PD090572.D	14 Oct 2025 10:40	AR\AJ	Ok,NS
4	PSTDCCC050	PD090573.D	14 Oct 2025 11:18	AR\AJ	Ok,NS
5	PB170065BL	PD090574.D	14 Oct 2025 11:38	AR\AJ	Ok
6	PB170065BS	PD090575.D	14 Oct 2025 11:53	AR\AJ	Ok,NS
7	Q3323-01	PD090576.D	14 Oct 2025 12:11	AR\AJ	Ok,NS
8	Q3323-02	PD090577.D	14 Oct 2025 12:24	AR\AJ	Ok,NS
9	Q3323-03	PD090578.D	14 Oct 2025 12:38	AR\AJ	Ok,NS
10	Q3323-04	PD090579.D	14 Oct 2025 12:51	AR\AJ	Ok,NS
11	Q3323-05	PD090580.D	14 Oct 2025 13:04	AR\AJ	Ok,NS
12	Q3323-06	PD090581.D	14 Oct 2025 13:18	AR\AJ	Ok,NS
13	Q3323-07	PD090582.D	14 Oct 2025 13:31	AR\AJ	Ok,NS
14	I.BLK	PD090583.D	14 Oct 2025 13:48	AR\AJ	Ok
15	PSTDCCC050	PD090584.D	14 Oct 2025 14:59	AR\AJ	Ok,NS
16	PB170091BL	PD090585.D	14 Oct 2025 16:56	AR\AJ	Ok
17	PB170091BS	PD090586.D	14 Oct 2025 17:10	AR\AJ	Not Ok
18	PB170062TB	PD090587.D	14 Oct 2025 17:23	AR\AJ	Ok
19	Q3321-02	PD090588.D	14 Oct 2025 17:37	AR\AJ	Ok
20	Q3321-02MS	PD090589.D	14 Oct 2025 17:51	AR\AJ	Ok,NS
21	Q3321-02MSD	PD090590.D	14 Oct 2025 18:04	AR\AJ	Ok,NS

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101425

Review By	Abdul	Review On	10/15/2025 4:06:26 PM		
Supervise By		Supervise On			
SubDirectory	PD101425	HP Acquire Method		HP Processing Method	pd091825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762 ,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	I.BLK	PD090591.D	14 Oct 2025 18:18	AR\AJ	Ok
23	PSTDCCC050	PD090592.D	14 Oct 2025 18:32	AR\AJ	Ok,NS

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100725

Review By	Abdul	Review On	10/8/2025 9:04:37 AM		
Supervise By	mohammad	Supervise On	10/9/2025 1:41:46 AM		
SubDirectory	PL100725	HP Acquire Method		HP Processing Method	pl100725 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	PL097522.D	07 Oct 2025 09:39	AR\AJ	Ok
2	I.BLK	PL097523.D	07 Oct 2025 09:53	AR\AJ	Ok
3	PEM	PL097524.D	07 Oct 2025 10:06	AR\AJ	Ok,M
4	RESCHK	PL097525.D	07 Oct 2025 10:20	AR\AJ	Ok,M
5	PSTDICC100	PL097526.D	07 Oct 2025 10:33	AR\AJ	Ok
6	PSTDICC075	PL097527.D	07 Oct 2025 10:47	AR\AJ	Ok,M
7	PSTDICC050	PL097528.D	07 Oct 2025 11:00	AR\AJ	Ok
8	PSTDICC025	PL097529.D	07 Oct 2025 11:41	AR\AJ	Ok,M
9	PSTDICC005	PL097530.D	07 Oct 2025 11:55	AR\AJ	Ok,M
10	PCHLORICC1000	PL097531.D	07 Oct 2025 12:38	AR\AJ	Ok
11	PCHLORICC750	PL097532.D	07 Oct 2025 12:52	AR\AJ	Ok
12	PCHLORICC500	PL097533.D	07 Oct 2025 13:05	AR\AJ	Ok
13	PCHLORICC250	PL097534.D	07 Oct 2025 13:19	AR\AJ	Ok,M
14	PCHLORICC050	PL097535.D	07 Oct 2025 13:32	AR\AJ	Ok,M
15	PTOXICC1000	PL097536.D	07 Oct 2025 13:46	AR\AJ	Ok
16	PTOXICC750	PL097537.D	07 Oct 2025 14:00	AR\AJ	Ok,M
17	PTOXICC500	PL097538.D	07 Oct 2025 14:13	AR\AJ	Ok
18	PTOXICC250	PL097539.D	07 Oct 2025 14:59	AR\AJ	Ok
19	PTOXICC100	PL097540.D	07 Oct 2025 15:13	AR\AJ	Ok,M
20	PSTDICV050	PL097541.D	07 Oct 2025 15:26	AR\AJ	Ok
21	PCHLORICV500	PL097542.D	07 Oct 2025 15:55	AR\AJ	Ok,M

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100725

Review By	Abdul	Review On	10/8/2025 9:04:37 AM		
Supervise By	mohammad	Supervise On	10/9/2025 1:41:46 AM		
SubDirectory	PL100725	HP Acquire Method		HP Processing Method	pl100725 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	PL097543.D	07 Oct 2025 16:08	AR\AJ	Ok
23	I.BLK	PL097544.D	07 Oct 2025 16:22	AR\AJ	Ok
24	PEM	PL097545.D	07 Oct 2025 16:36	AR\AJ	Ok,M
25	PSTDCCC050	PL097546.D	07 Oct 2025 16:56	AR\AJ	Ok,M
26	PB169968BL	PL097547.D	07 Oct 2025 17:23	AR\AJ	Ok
27	PB170003BL	PL097548.D	07 Oct 2025 17:37	AR\AJ	Ok
28	PB170003BS	PL097549.D	07 Oct 2025 17:50	AR\AJ	Ok
29	Q3294-01	PL097550.D	07 Oct 2025 18:04	AR\AJ	Ok,M
30	Q3295-01	PL097551.D	07 Oct 2025 18:17	AR\AJ	Ok,M
31	Q3295-03	PL097552.D	07 Oct 2025 18:31	AR\AJ	Ok,M
32	Q3296-01	PL097553.D	07 Oct 2025 18:44	AR\AJ	Ok,M
33	Q3297-01	PL097554.D	07 Oct 2025 18:58	AR\AJ	Ok,M
34	Q3297-01MS	PL097555.D	07 Oct 2025 19:12	AR\AJ	Not Ok
35	Q3297-01MSD	PL097556.D	07 Oct 2025 19:25	AR\AJ	Not Ok
36	Q3297-11	PL097557.D	07 Oct 2025 19:39	AR\AJ	Ok,M
37	I.BLK	PL097558.D	07 Oct 2025 19:52	AR\AJ	Ok
38	PSTDCCC050	PL097559.D	07 Oct 2025 21:14	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL101325

Review By	Abdul	Review On	10/14/2025 12:45:20 PM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:42 AM		
SubDirectory	PL101325	HP Acquire Method		HP Processing Method	pl100725 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	PL097611.D	13 Oct 2025 10:19	AR\AJ	Ok
2	I.BLK	PL097612.D	13 Oct 2025 10:34	AR\AJ	Ok
3	PEM	PL097613.D	13 Oct 2025 10:47	AR\AJ	Ok,M
4	PSTDCCC050	PL097614.D	13 Oct 2025 11:45	AR\AJ	Ok,M
5	PB170065BL	PL097615.D	13 Oct 2025 12:26	AR\AJ	Not Ok
6	PB170065BS	PL097616.D	13 Oct 2025 13:39	AR\AJ	Not Ok
7	Q3327-01	PL097617.D	13 Oct 2025 13:53	AR\AJ	Ok
8	Q3326-01	PL097618.D	13 Oct 2025 14:06	AR\AJ	Ok,M
9	Q3326-01MS	PL097619.D	13 Oct 2025 14:20	AR\AJ	Ok,M
10	Q3326-01MSD	PL097620.D	13 Oct 2025 14:33	AR\AJ	Ok,M
11	Q3326-05	PL097621.D	13 Oct 2025 14:47	AR\AJ	Ok,M
12	I.BLK	PL097622.D	13 Oct 2025 15:00	AR\AJ	Ok
13	PSTDCCC050	PL097623.D	13 Oct 2025 15:14	AR\AJ	Ok
14	Q3323-01	PL097624.D	13 Oct 2025 15:32	AR\AJ	Not Ok
15	Q3323-02	PL097625.D	13 Oct 2025 15:45	AR\AJ	Not Ok
16	Q3323-03	PL097626.D	13 Oct 2025 15:59	AR\AJ	Not Ok
17	Q3323-04	PL097627.D	13 Oct 2025 16:12	AR\AJ	Not Ok
18	PB170065BS	PL097628.D	13 Oct 2025 16:26	AR\AJ	Not Ok
19	Q3323-05	PL097629.D	13 Oct 2025 16:40	AR\AJ	Not Ok
20	Q3323-06	PL097630.D	13 Oct 2025 16:53	AR\AJ	Not Ok
21	Q3323-07	PL097631.D	13 Oct 2025 17:07	AR\AJ	Not Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL101325

Review By	Abdul	Review On	10/14/2025 12:45:20 PM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:42 AM		
SubDirectory	PL101325	HP Acquire Method		HP Processing Method	pl100725 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	PB170065BS	PL097632.D	13 Oct 2025 17:34	AR\AJ	Not Ok
23	I.BLK	PL097633.D	13 Oct 2025 17:48	AR\AJ	Ok
24	PSTDCCC050	PL097634.D	13 Oct 2025 18:15	AR\AJ	Not Ok

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM		
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM		
SubDirectory	PD091825	HP Acquire Method		HP Processing Method	pd091825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090326.D	18 Sep 2025 09:36		AR\AJ	Ok
2	I.BLK	I.BLK	PD090327.D	18 Sep 2025 09:49		AR\AJ	Ok
3	PEM	PEM	PD090328.D	18 Sep 2025 10:03		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD090329.D	18 Sep 2025 10:16		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD090330.D	18 Sep 2025 10:30		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD090331.D	18 Sep 2025 10:43		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PD090332.D	18 Sep 2025 10:57		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD090333.D	18 Sep 2025 11:11		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD090334.D	18 Sep 2025 11:24		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD090335.D	18 Sep 2025 11:38		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD090336.D	18 Sep 2025 11:51		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD090337.D	18 Sep 2025 12:05		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD090338.D	18 Sep 2025 12:18		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD090339.D	18 Sep 2025 12:32		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PD090340.D	18 Sep 2025 12:45		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD090341.D	18 Sep 2025 12:59		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD090342.D	18 Sep 2025 13:12		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD090343.D	18 Sep 2025 13:26		AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD091825

Review By	Abdul	Review On	10/2/2025 10:15:46 AM		
Supervise By	Sohil	Supervise On	10/2/2025 10:03:44 AM		
SubDirectory	PD091825	HP Acquire Method		HP Processing Method	pd091825 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	PD090344.D	18 Sep 2025 13:40		AR\AJ	Ok
20	PSTDICV050	ICVPD091825	PD090345.D	18 Sep 2025 13:53		AR\AJ	Ok,M
21	PCHLORICV500	ICVPD091825CHLOR	PD090346.D	18 Sep 2025 14:07		AR\AJ	Ok
22	PTOXICV500	ICVPD091825TOX	PD090347.D	18 Sep 2025 15:21		AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101425

Review By	Abdul	Review On	10/15/2025 4:06:26 PM		
Supervise By		Supervise On			
SubDirectory	PD101425	HP Acquire Method		HP Processing Method	pd091825 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD090570.D	14 Oct 2025 10:12		AR\AJ	Ok
2	I.BLK	I.BLK	PD090571.D	14 Oct 2025 10:26		AR\AJ	Ok
3	PEM	PEM	PD090572.D	14 Oct 2025 10:40		AR\AJ	Ok,NS
4	PSTDCCC050	PSTDCCC050	PD090573.D	14 Oct 2025 11:18		AR\AJ	Ok,NS
5	PB170065BL	PB170065BL	PD090574.D	14 Oct 2025 11:38		AR\AJ	Ok
6	PB170065BS	PB170065BS	PD090575.D	14 Oct 2025 11:53		AR\AJ	Ok,NS
7	Q3323-01	SED-01-0-2	PD090576.D	14 Oct 2025 12:11		AR\AJ	Ok,NS
8	Q3323-02	SED-02-0-2	PD090577.D	14 Oct 2025 12:24		AR\AJ	Ok,NS
9	Q3323-03	SED-03-0-2	PD090578.D	14 Oct 2025 12:38		AR\AJ	Ok,NS
10	Q3323-04	SED-04-0-2	PD090579.D	14 Oct 2025 12:51		AR\AJ	Ok,NS
11	Q3323-05	SED-05-0-2	PD090580.D	14 Oct 2025 13:04		AR\AJ	Ok,NS
12	Q3323-06	SED-06-0-2	PD090581.D	14 Oct 2025 13:18		AR\AJ	Ok,NS
13	Q3323-07	SED-07-0-2	PD090582.D	14 Oct 2025 13:31		AR\AJ	Ok,NS
14	I.BLK	I.BLK	PD090583.D	14 Oct 2025 13:48		AR\AJ	Ok
15	PSTDCCC050	PSTDCCC050	PD090584.D	14 Oct 2025 14:59		AR\AJ	Ok,NS
16	PB170091BL	PB170091BL	PD090585.D	14 Oct 2025 16:56		AR\AJ	Ok
17	PB170091BS	PB170091BS	PD090586.D	14 Oct 2025 17:10	Methoxychlor-I Recovery Fail	AR\AJ	Not Ok
18	PB170062TB	PB170062TB	PD090587.D	14 Oct 2025 17:23		AR\AJ	Ok

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

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QCBatch ID # PD101425

Review By	Abdul	Review On	10/15/2025 4:06:26 PM		
Supervise By		Supervise On			
SubDirectory	PD101425	HP Acquire Method		HP Processing Method	pd091825 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	Q3321-02	P001-DS-01	PD090588.D	14 Oct 2025 17:37		AR\AJ	Ok
20	Q3321-02MS	P001-DS-01MS	PD090589.D	14 Oct 2025 17:51		AR\AJ	Ok,NS
21	Q3321-02MSD	P001-DS-01MSD	PD090590.D	14 Oct 2025 18:04		AR\AJ	Ok,NS
22	I.BLK	I.BLK	PD090591.D	14 Oct 2025 18:18		AR\AJ	Ok
23	PSTDCCC050	PSTDCCC050	PD090592.D	14 Oct 2025 18:32		AR\AJ	Ok,NS

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100725

Review By	Abdul	Review On	10/8/2025 9:04:37 AM		
Supervise By	mohammad	Supervise On	10/9/2025 1:41:46 AM		
SubDirectory	PL100725	HP Acquire Method		HP Processing Method	pl100725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097522.D	07 Oct 2025 09:39		AR\AJ	Ok
2	I.BLK	I.BLK	PL097523.D	07 Oct 2025 09:53		AR\AJ	Ok
3	PEM	PEM	PL097524.D	07 Oct 2025 10:06		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL097525.D	07 Oct 2025 10:20		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL097526.D	07 Oct 2025 10:33		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL097527.D	07 Oct 2025 10:47		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PL097528.D	07 Oct 2025 11:00		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL097529.D	07 Oct 2025 11:41		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL097530.D	07 Oct 2025 11:55		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL097531.D	07 Oct 2025 12:38		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL097532.D	07 Oct 2025 12:52		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL097533.D	07 Oct 2025 13:05		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL097534.D	07 Oct 2025 13:19		AR\AJ	Ok,M
14	PCHLORICC050	PCHLORICC050	PL097535.D	07 Oct 2025 13:32		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL097536.D	07 Oct 2025 13:46		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL097537.D	07 Oct 2025 14:00		AR\AJ	Ok,M
17	PTOXICC500	PTOXICC500	PL097538.D	07 Oct 2025 14:13		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL097539.D	07 Oct 2025 14:59		AR\AJ	Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100725

Review By	Abdul	Review On	10/8/2025 9:04:37 AM		
Supervise By	mohammad	Supervise On	10/9/2025 1:41:46 AM		
SubDirectory	PL100725	HP Acquire Method		HP Processing Method	pl100725 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	PL097540.D	07 Oct 2025 15:13		AR\AJ	Ok,M
20	PSTDICV050	ICVPL100725	PL097541.D	07 Oct 2025 15:26		AR\AJ	Ok
21	PCHLORICV500	ICVPL100725CHLOR	PL097542.D	07 Oct 2025 15:55		AR\AJ	Ok,M
22	PTOXICV500	ICVPL100725TOX	PL097543.D	07 Oct 2025 16:08		AR\AJ	Ok
23	I.BLK	I.BLK	PL097544.D	07 Oct 2025 16:22		AR\AJ	Ok
24	PEM	PEM	PL097545.D	07 Oct 2025 16:36		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL097546.D	07 Oct 2025 16:56		AR\AJ	Ok,M
26	PB169968BL	PB169968BL	PL097547.D	07 Oct 2025 17:23		AR\AJ	Ok
27	PB170003BL	PB170003BL	PL097548.D	07 Oct 2025 17:37		AR\AJ	Ok
28	PB170003BS	PB170003BS	PL097549.D	07 Oct 2025 17:50		AR\AJ	Ok
29	Q3294-01	HD-02-10062025	PL097550.D	07 Oct 2025 18:04		AR\AJ	Ok,M
30	Q3295-01	EO-01-10062025	PL097551.D	07 Oct 2025 18:17		AR\AJ	Ok,M
31	Q3295-03	EO-02-10062025	PL097552.D	07 Oct 2025 18:31		AR\AJ	Ok,M
32	Q3296-01	SU-04-10062025	PL097553.D	07 Oct 2025 18:44		AR\AJ	Ok,M
33	Q3297-01	TP1	PL097554.D	07 Oct 2025 18:58		AR\AJ	Ok,M
34	Q3297-01MS	TP1MS	PL097555.D	07 Oct 2025 19:12	some compound recovery fail	AR\AJ	Not Ok
35	Q3297-01MSD	TP1MSD	PL097556.D	07 Oct 2025 19:25	some compound recovery fail , RPD fail for almost all compound	AR\AJ	Not Ok
36	Q3297-11	TP2	PL097557.D	07 Oct 2025 19:39		AR\AJ	Ok,M
37	I.BLK	I.BLK	PL097558.D	07 Oct 2025 19:52		AR\AJ	Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL100725

Review By	Abdul	Review On	10/8/2025 9:04:37 AM		
Supervise By	mohammad	Supervise On	10/9/2025 1:41:46 AM		
SubDirectory	PL100725	HP Acquire Method		HP Processing Method	pl100725 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	PSTDCCC050	PSTDCCC050	PL097559.D	07 Oct 2025 21:14		AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL101325

Review By	Abdul	Review On	10/14/2025 12:45:20 PM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:42 AM		
SubDirectory	PL101325	HP Acquire Method		HP Processing Method	pl100725 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24942,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL097611.D	13 Oct 2025 10:19		AR\AJ	Ok
2	I.BLK	I.BLK	PL097612.D	13 Oct 2025 10:34		AR\AJ	Ok
3	PEM	PEM	PL097613.D	13 Oct 2025 10:47		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL097614.D	13 Oct 2025 11:45		AR\AJ	Ok,M
5	PB170065BL	PB170065BL	PL097615.D	13 Oct 2025 12:26	Not used	AR\AJ	Not Ok
6	PB170065BS	PB170065BS	PL097616.D	13 Oct 2025 13:39	DCB high in 2nd column	AR\AJ	Not Ok
7	Q3327-01	HADLEY-ROAD-TP	PL097617.D	13 Oct 2025 13:53		AR\AJ	Ok
8	Q3326-01	TP-1	PL097618.D	13 Oct 2025 14:06		AR\AJ	Ok,M
9	Q3326-01MS	TP-1MS	PL097619.D	13 Oct 2025 14:20		AR\AJ	Ok,M
10	Q3326-01MSD	TP-1MSD	PL097620.D	13 Oct 2025 14:33		AR\AJ	Ok,M
11	Q3326-05	TP-2	PL097621.D	13 Oct 2025 14:47		AR\AJ	Ok,M
12	I.BLK	I.BLK	PL097622.D	13 Oct 2025 15:00		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PL097623.D	13 Oct 2025 15:14		AR\AJ	Ok
14	Q3323-01	SED-01-0-2	PL097624.D	13 Oct 2025 15:32	END CCC Fail	AR\AJ	Not Ok
15	Q3323-02	SED-02-0-2	PL097625.D	13 Oct 2025 15:45	END CCC Fail	AR\AJ	Not Ok
16	Q3323-03	SED-03-0-2	PL097626.D	13 Oct 2025 15:59	END CCC Fail	AR\AJ	Not Ok
17	Q3323-04	SED-04-0-2	PL097627.D	13 Oct 2025 16:12	END CCC Fail	AR\AJ	Not Ok
18	PB170065BS	PB170065BS	PL097628.D	13 Oct 2025 16:26	END CCC Fail , Recovery fail	AR\AJ	Not Ok

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL101325

Review By	Abdul	Review On	10/14/2025 12:45:20 PM		
Supervise By	mohammad	Supervise On	10/15/2025 1:15:42 AM		
SubDirectory	PL101325	HP Acquire Method		HP Processing Method	pl100725 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	Q3323-05	SED-05-0-2	PL097629.D	13 Oct 2025 16:40	END CCC Fail	AR\AJ	Not Ok
20	Q3323-06	SED-06-0-2	PL097630.D	13 Oct 2025 16:53	END CCC Fail	AR\AJ	Not Ok
21	Q3323-07	SED-07-0-2	PL097631.D	13 Oct 2025 17:07	END CCC Fail	AR\AJ	Not Ok
22	PB170065BS	PB170065BS	PL097632.D	13 Oct 2025 17:34	END CCC Fail	AR\AJ	Not Ok
23	I.BLK	I.BLK	PL097633.D	13 Oct 2025 17:48		AR\AJ	Ok
24	PSTDCCC050	PSTDCCC050	PL097634.D	13 Oct 2025 18:15	Comp#20 low in both column , Comp#17 low in 2nd column	AR\AJ	Not Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/11/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137490

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
Q3323-01	SED-01-0-2	1	1.15	10.84	11.99	8.39	66.8	
Q3323-02	SED-02-0-2	2	1.19	10.07	11.26	6.96	57.3	
Q3323-03	SED-03-0-2	3	1.19	10.97	12.16	9.05	71.6	
Q3323-04	SED-04-0-2	4	1.13	11.34	12.47	9.09	70.2	
Q3323-05	SED-05-0-2	5	1.19	10.26	11.45	9.13	77.4	
Q3323-06	SED-06-0-2	6	1.13	10.78	11.91	9.84	80.8	
Q3323-07	SED-07-0-2	7	1.14	10.46	11.6	9.63	81.2	
Q3325-01	SVOC-GPC-BLANK	8	1.00	1.00	2.00	2.00	100.0	
Q3325-02	PEST-GPC-BLANK	9	1.00	1.00	2.00	2.00	100.0	
Q3325-03	PEST-GPC-BLANK-SPIKE	10	1.00	1.00	2.00	2.00	100.0	
Q3325-04	SVOC-GPC2-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q3325-05	PEST-GPC2-BLANK	12	1.00	1.00	2.00	2.00	100.0	
Q3325-06	PEST -GPC2-BLANK-SPIKE	13	1.00	1.00	2.00	2.00	100.0	
Q3326-01	TP-1	14	1.14	10.71	11.85	10.6	88.3	
Q3326-02	TP-1-EPH	15	1.16	10.31	11.47	10.28	88.5	
Q3326-03	TP-1-VOC	16	1.18	11.20	12.38	11.12	88.7	
Q3326-05	TP-2	17	1.11	10.49	11.6	10.35	88.1	
Q3326-06	TP-2-EPH	18	1.19	10.53	11.72	10.64	89.7	
Q3326-07	TP-2-VOC	19	1.14	10.84	11.98	10.86	89.7	
Q3327-01	HADLEY-ROAD-TP	20	1.15	10.77	11.92	10.65	88.2	
Q3329-01	106	21	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3332-01	100225-D	22	1.16	10.32	11.48	10.41	89.6	
Q3333-01	100725-A	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3334-01	100325	24	1.00	1.00	2.00	2.00	100.0	debris

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB B74490

WorkList Name : %1-101025 **WorkList ID :** 192391 **Department :** Wet-Chemistry **Date :** 10-10-2025 10:38:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3323-01	SED-01-0-2	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3323-02	SED-02-0-2	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3323-03	SED-03-0-2	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3323-04	SED-04-0-2	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3323-05	SED-05-0-2	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3323-06	SED-06-0-2	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3323-07	SED-07-0-2	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3325-01	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	LANG01	D31	10/09/2025	Chemtech -SO
Q3325-02	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	10/03/2025	Chemtech -SO
Q3325-03	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	10/03/2025	Chemtech -SO
Q3325-04	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	10/03/2025	Chemtech -SO
Q3325-05	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	10/03/2025	Chemtech -SO
Q3325-06	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	10/03/2025	Chemtech -SO
Q3326-01	TP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO
Q3326-02	TP-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO
Q3326-03	TP-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO
Q3326-05	TP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO
Q3326-06	TP-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO
Q3326-07	TP-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO
Q3327-01	HADLEY-ROAD	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO
Q3329-01	106	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO

Date/Time 10/10/25 15:20

Raw Sample Received by: SB WC

Raw Sample Relinquished by: SM

Date/Time 10/10/25 17:30

Raw Sample Received by: SM

Raw Sample Relinquished by: SB WC

WORKLIST(Hardcopy Internal Chain)

VM 137490

WorkList Name : %1-101025 **WorkList ID :** 192391 **Department :** Wet-Chemistry **Date :** 10-10-2025 10:38:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3332-01	100225-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/10/2025	Chemtech -SO
Q3333-01	100725-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	10/10/2025	Chemtech -SO
Q3334-01	100325	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/10/2025	Chemtech -SO

Date/Time 10/10/25 15:20
Raw Sample Received by:
Raw Sample Relinquished by:

Date/Time 10/10/25 17:30
Raw Sample Received by:
Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170065

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Florisil			**Extraction Start Date :**	10/13/2025
Matrix :	Solid			**Extraction Start Time :**	08:36
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/13/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	12:00
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	ritesh

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

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

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2652
Sand	N/A	E3951
Hexane	N/A	E3974
Florisil	N/A	E3927
9:1 Hexane:Acetone Mixture	N/A	EP2644
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID:	N/A	**Envap ID:**	NE VAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/13/25	RS (Ext Lab)	Y-P Pest/PCB
12:05	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170065

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 10/13/2025

Sample ID	Client Sample ID	Test	(g) mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170065BL	PBLK065	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10			U1-1
PB170065BS	PLCS065	Pesticide-TCL	30.01	N/A	ritesh	Evelyn	10			2
Q3323-01	SED-01-0-2	Pesticide-TCL	30.04	N/A	ritesh	Evelyn	10	E		3
Q3323-02	SED-02-0-2	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		4
Q3323-03	SED-03-0-2	Pesticide-TCL	30.08	N/A	ritesh	Evelyn	10	E		5
Q3323-04	SED-04-0-2	Pesticide-TCL	30.07	N/A	ritesh	Evelyn	10	E		6
Q3323-05	SED-05-0-2	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	E		U2-1
Q3323-06	SED-06-0-2	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		2
Q3323-07	SED-07-0-2	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	E		3
Q3326-01	TP-1	Pesticide-TCL	30.06	N/A	ritesh	Evelyn	10	E		4
Q3326-01MS	TP-1MS	Pesticide-TCL	30.09	N/A	ritesh	Evelyn	10	E		5
Q3326-01MSD	TP-1MSD	Pesticide-TCL	30.02	N/A	ritesh	Evelyn	10	E		6
Q3326-05	TP-2	Pesticide-TCL	30.03	N/A	ritesh	Evelyn	10	B		U3-1
Q3327-01	HADLEY-ROAD	Pesticide-TCL	30.05	N/A	ritesh	Evelyn	10	H		2

RS
10/13

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

+0065 8:36

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3323P **WorkList ID :** 192408 **Department :** Extraction **Date :** 10-13-2025 08:31:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3323-01	SED-01-0-2	Solid	Pesticide-TCL	Cool 4 deg C	LANG01	D31	10/09/2025	8081B
Q3323-02	SED-02-0-2	Solid	Pesticide-TCL	Cool 4 deg C	LANG01	D31	10/09/2025	8081B
Q3323-03	SED-03-0-2	Solid	Pesticide-TCL	Cool 4 deg C	LANG01	D31	10/09/2025	8081B
Q3323-04	SED-04-0-2	Solid	Pesticide-TCL	Cool 4 deg C	LANG01	D31	10/09/2025	8081B
Q3323-05	SED-05-0-2	Solid	Pesticide-TCL	Cool 4 deg C	LANG01	D31	10/09/2025	8081B
Q3323-06	SED-06-0-2	Solid	Pesticide-TCL	Cool 4 deg C	LANG01	D31	10/09/2025	8081B
Q3323-07	SED-07-0-2	Solid	Pesticide-TCL	Cool 4 deg C	LANG01	D31	10/09/2025	8081B
Q3326-01	TP-1	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	10/10/2025	8081B
Q3326-05	TP-2	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	10/10/2025	8081B
Q3327-01	HADLEY-ROAD	Solid	Pesticide-TCL	Cool 4 deg C	PSEG03	D31	10/10/2025	8081B

Date/Time 10/13/25 8:31
Raw Sample Received by: RJ (LEZL-ccb)
Raw Sample Relinquished by: AW SM

Date/Time 10/13/25 8:50
Raw Sample Received by: AW SM
Raw Sample Relinquished by: RJ (LEZL-ccb)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q3323
COC Number 2045161

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LANGAN
ADDRESS: 1 North Broadway
CITY White Plains STATE: NY ZIP: 10601
ATTENTION:
PHONE: 914-323-7414 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Richmond Terrace - Site 163
PROJECT NO.: 190134901 LOCATION: Staten Island
PROJECT MANAGER: Gregory DelMastro
e-mail: gdelmastro@langan.com
PHONE: 914-323-7414 FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 21 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 + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1. VOCs (8260)
2. SVOCs (8270)
3. PCBs (8082A)
4. TAL Metals (6000/7000)
5. Pesticides (8081)
6.
7.
8.
9.

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	SED-01_0-2	S	X	X	10/9	8:45	6	X	X	X	X	X				
2.	SED-02_0-2	S	X			9:15	6	X	X	X	X	X				
3.	SED-03_0-2	S	X			9:30	6	X	X	X	X	X				
4.	SED-04_0-2	S	X			10:30	6	X	X	X	X	X				
5.	SED-05_0-2	S	X			11:00	6	X	X	X	X	X	X			
6.	SED-06_0-2	S	X			11:30	6	X	X	X	X	X				
7.	SED-07_0-2	S	X			12:00	6	X	X	X	X	X				
8.																
9.																
10.																

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

	DATE/TIME		
RELINQUISHED BY SAMPLER: 1.	DATE/TIME: 1430 10/9/25	RECEIVED BY: 1.	1430 10-9-25
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.	
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 2044 10-9-25	RECEIVED BY: 3.	

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.2 °C
Comments:

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3323 LANG01
Client Name : Langan Engineering and En
Client Contact : Gregory DelMastro
Invoice Name : Langan Engineering and En
Invoice Contact : Gregory DelMastro

Order Date : 10/9/2025 2:32:00 PM
Project Name : Con Edison Richmond Terr
Receive DateTime : 10/9/2025 ~~12:00:00~~ AM
Purchase Order : 20 44

Project Mgr : Results only
Report Type : ~~Results Only~~ [illegible]
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3323-01	SED-01-0-2	Solid	10/09/2025	08:45					
					VOC-TCLVOA-10		8260D	~~10~~ Bus. Days	10 Days
Q3323-02	SED-02-0-2	Solid	10/09/2025	09:15					
					VOC-TCLVOA-10		8260D	~~10~~ Bus. Days	
Q3323-03	SED-03-0-2	Solid	10/09/2025	09:30					
					VOC-TCLVOA-10		8260D	~~10~~ Bus. Days	
Q3323-04	SED-04-0-2	Solid	10/09/2025	10:30					
					VOC-TCLVOA-10		8260D	~~10~~ Bus. Days	
Q3323-05	SED-05-0-2	Solid	10/09/2025	11:00					
					VOC-TCLVOA-10		8260D	~~10~~ Bus. Days	
Q3323-06	SED-06-0-2	Solid	10/09/2025	11:30					
					VOC-TCLVOA-10		8260D	~~10~~ Bus. Days	
Q3323-07	SED-07-0-2	Solid	10/09/2025	12:00					
					VOC-TCLVOA-10		8260D	~~10~~ Bus. Days	

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	Q3323 LANG01	**Order Date :**	10/9/2025 2:32:00 PM	**Project Mgr :**	
Client Name :	Langan Engineering and En	**Project Name :**	Con Edison Richmond Terr	**Report Type :**	Results Only
Client Contact :	Gregory DelMastro	**Receive DateTime :**	10/9/2025 ~~12:00:00 AM~~ 20:44	**EDD Type :**	Excel NY
Invoice Name :	Langan Engineering and En	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Gregory DelMastro			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By : CR

Date / Time : 10/10/25 11:10

Received By : JL

Date / Time : 10/10/25 1110

Storage Area : VOA Refridgerator Room