

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112625\
 Data File : PD091397.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2025 20:30
 Operator : AR\AJ
 Sample : Q3719-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1125-17B

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 03:42:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.542	2.873	43949991	501.6E6	12.744	13.693
28)	SA Decachlor...	9.063	8.058	47700536	288.6E6	9.575	7.293
Target Compounds							
4)	MA Heptachlor	4.919	4.070	19201252	170.3E6	2.681	3.085m
5)	MB Aldrin	5.261	4.356	38786691	354.6E6	5.345	6.280m
10)	B gamma-Chl...	5.938	5.112	47876718	264.7E6	7.365	4.846m#
11)	B alpha-Chl...	6.022	5.177	95912379	451.9E6	13.935	8.635m#
12)	B 4,4'-DDE	6.188	5.362	13268189	170.2E6	2.288	3.184 #
17)	MA 4,4'-DDT	7.011	6.169	8186227	113.0E6	1.979m	2.888 #

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

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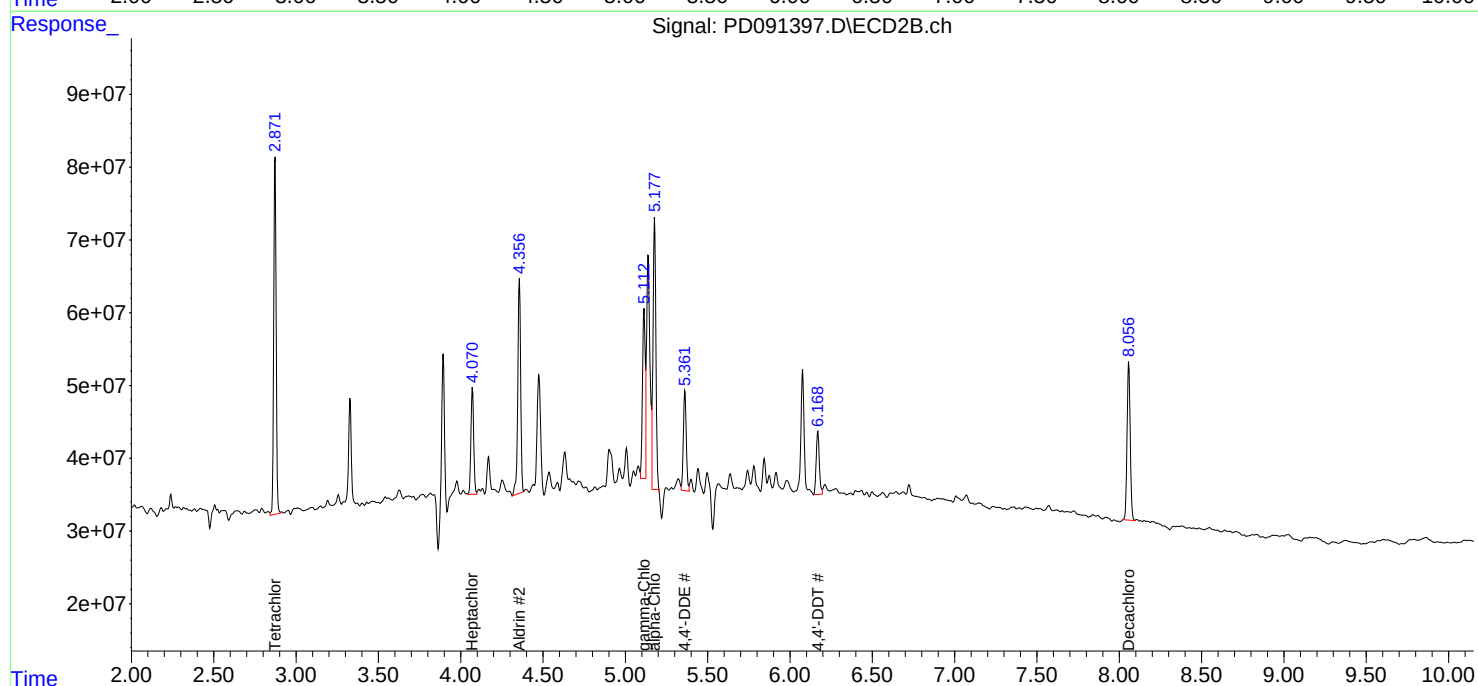
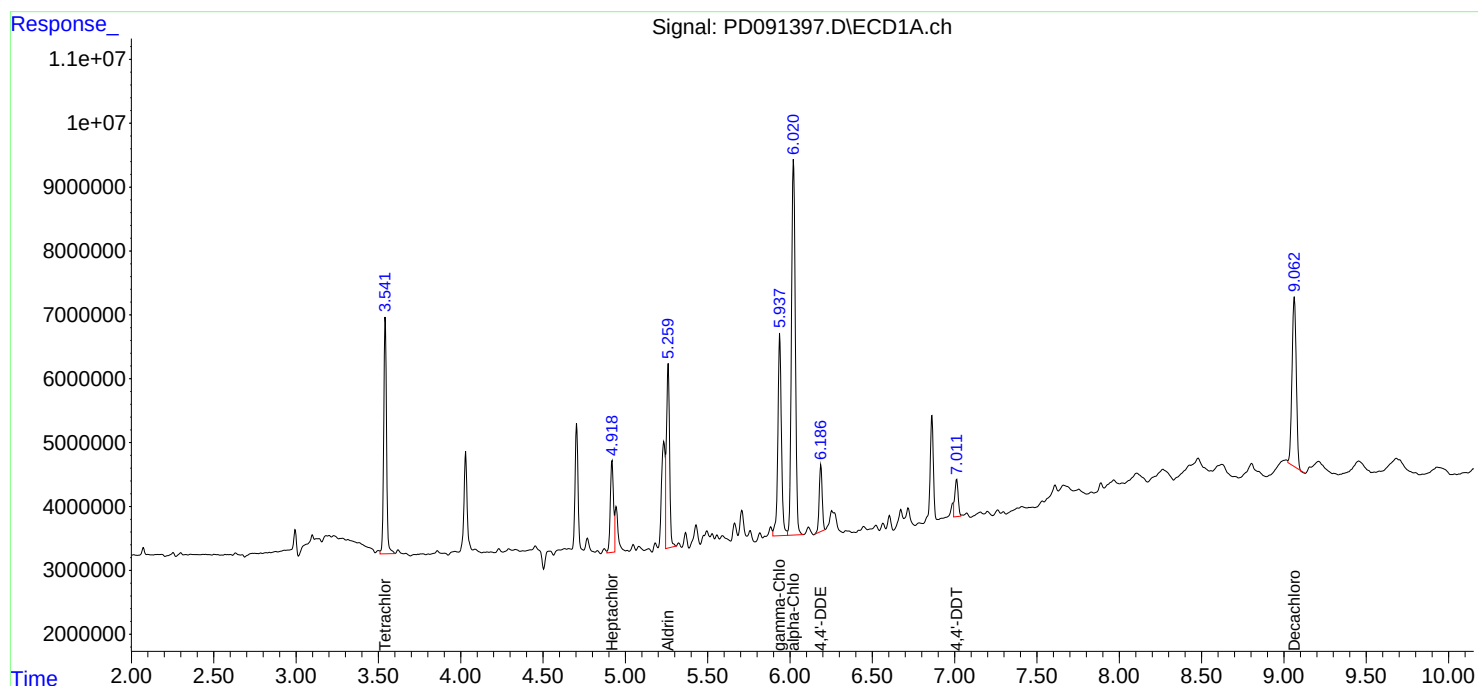
Instrument :
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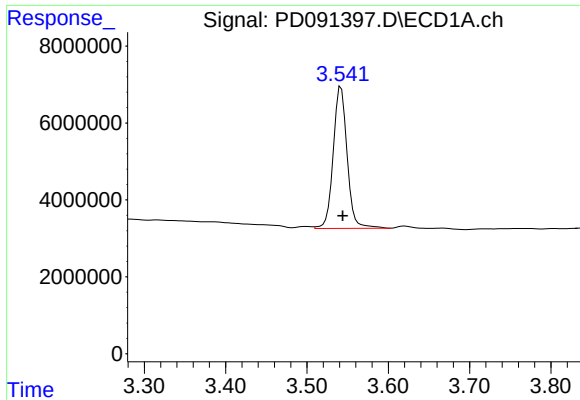
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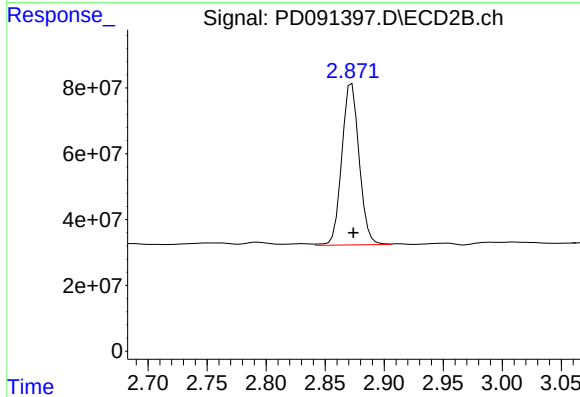
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 43949991
Conc: 12.74 ng/ml

Instrument :
ECD_D
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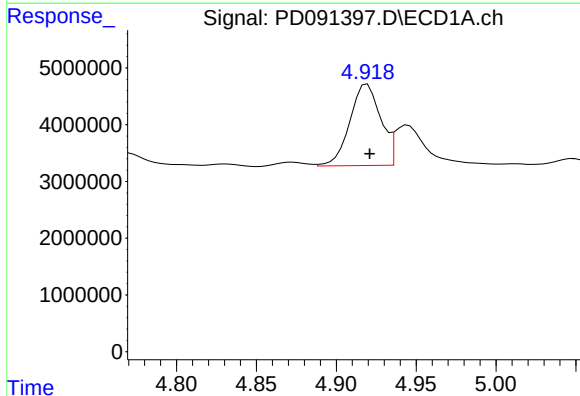
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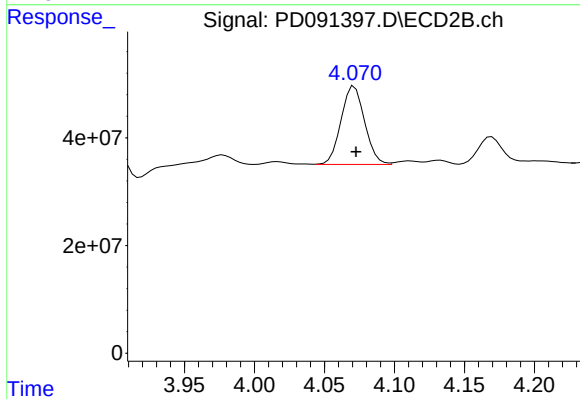
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 501565899
Conc: 13.69 ng/ml



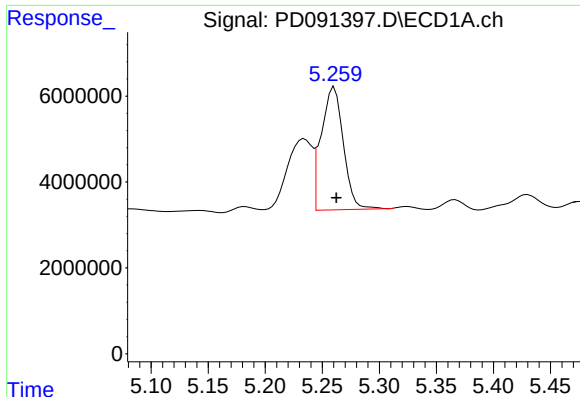
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.002 min
Response: 19201252
Conc: 2.68 ng/ml



#4 Heptachlor

R.T.: 4.070 min
Delta R.T.: -0.003 min
Response: 170301940
Conc: 3.08 ng/ml m



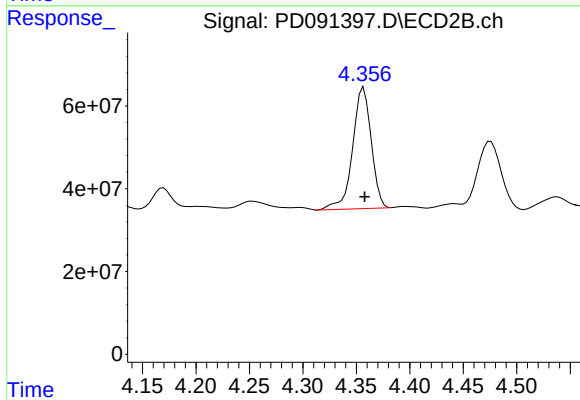
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 38786691
Conc: 5.35 ng/ml

Instrument :
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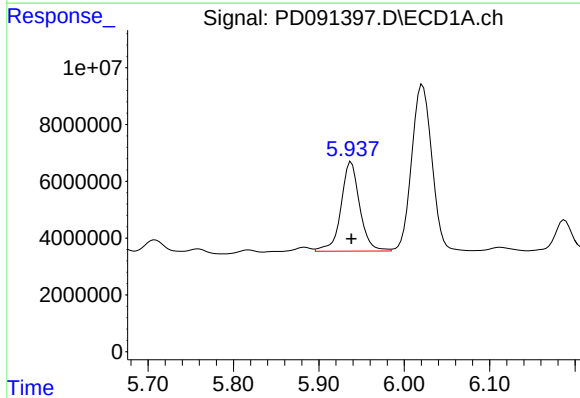
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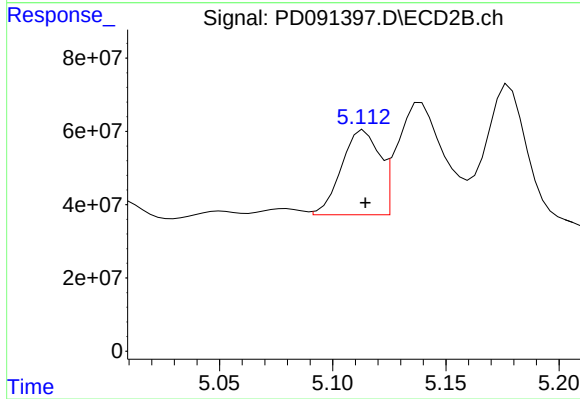
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 354561340
Conc: 6.28 ng/ml m



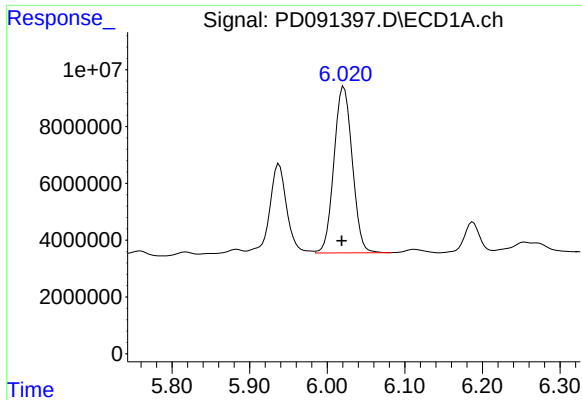
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 47876718
Conc: 7.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 264748872
Conc: 4.85 ng/ml m



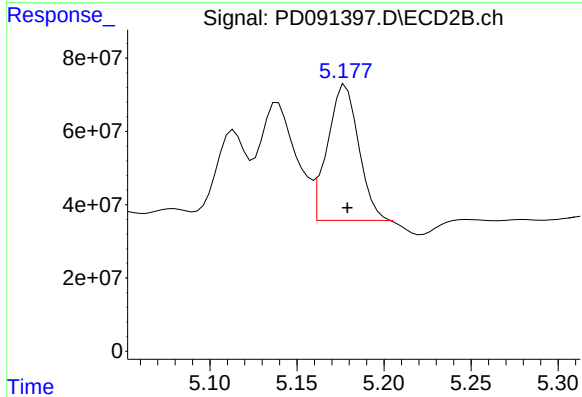
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 95912379
Conc: 13.94 ng/ml

Instrument :
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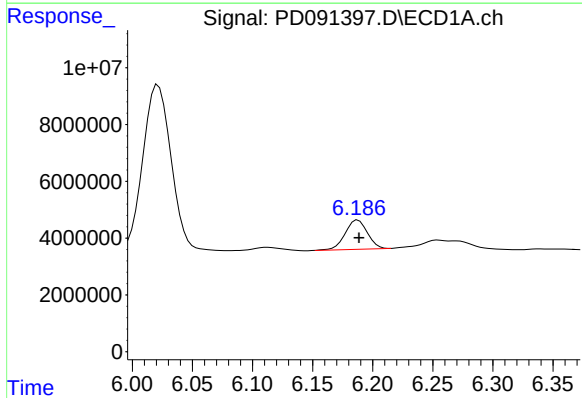
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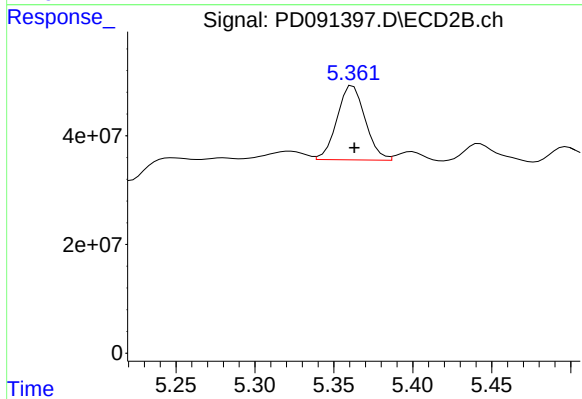
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.002 min
Response: 451899764
Conc: 8.64 ng/ml m



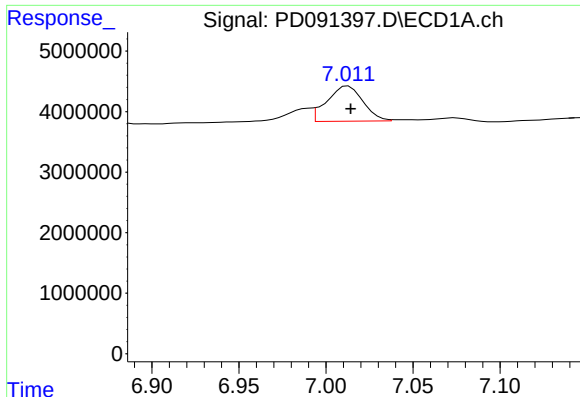
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 13268189
Conc: 2.29 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 170152281
Conc: 3.18 ng/ml



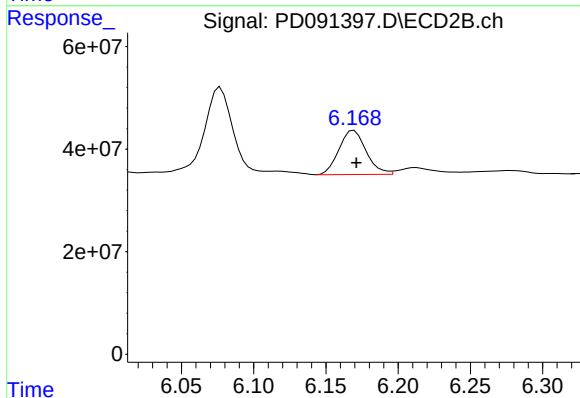
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 8186227
Conc: 1.98 ng/ml

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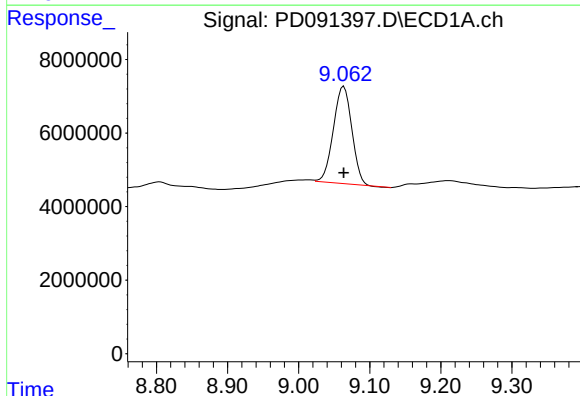
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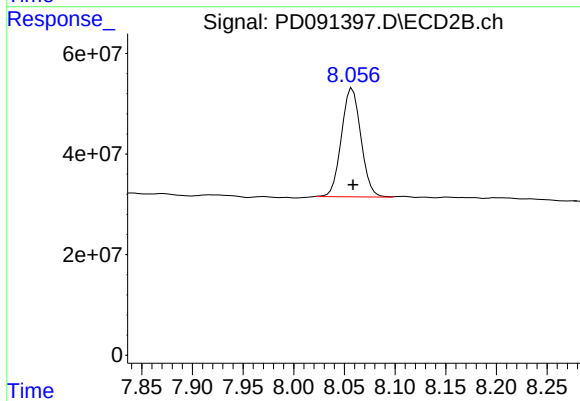
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 113017500
Conc: 2.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 47700536
Conc: 9.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 288624498
Conc: 7.29 ng/ml