

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
 Data File : PD090696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 14:47
 Operator : AR\AJ
 Sample : Q3386-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 237

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 23:50:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.544	2.872	68952894	572.3E6	22.142m	19.219m
28) SA Decachlor...	9.070	8.061	88504031	485.2E6	18.919	16.019m
Target Compounds						
8) B Heptachlo...	5.684	4.863	15891457	143.4E6	2.745m	3.363m
10) B gamma-Chl...	5.941	5.115	40592039	347.6E6	6.844	7.732m
11) B alpha-Chl...	6.025	5.180	90140952	373.6E6	14.585	8.660m#
12) B 4,4'-DDE	6.192	5.365	10902877	110.8E6	2.047	2.528m
13) MA Dieldrin	6.343	5.503	14513721	198.2E6	2.489	4.485m#
17) MA 4,4'-DDT	7.017	6.173	19037688	157.2E6	4.632m	4.481

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

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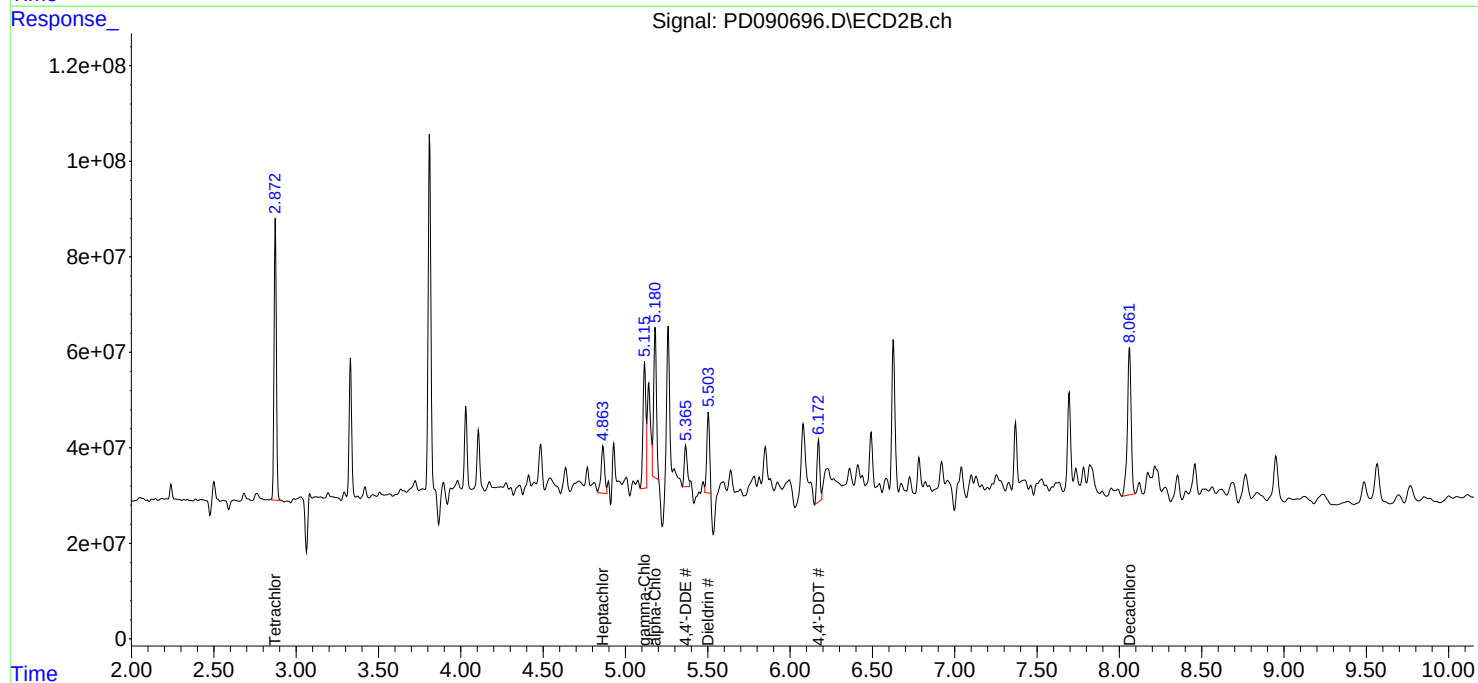
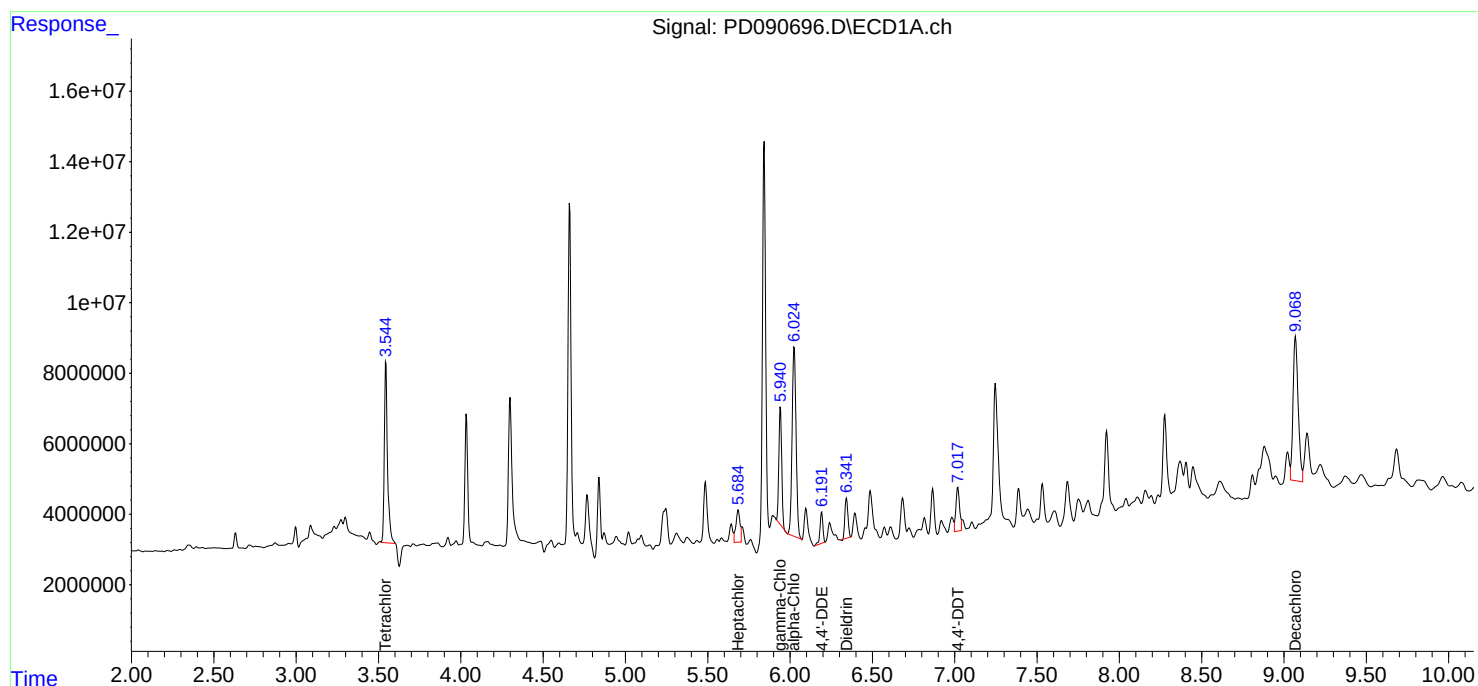
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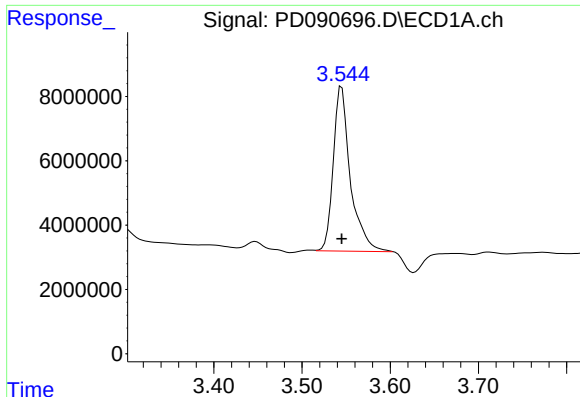
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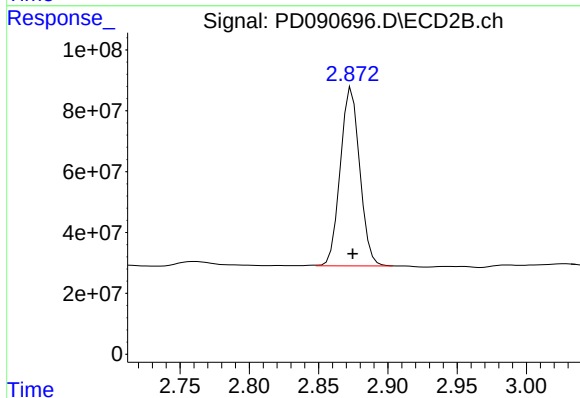
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 68952894
Conc: 22.14 ng/ml

Instrument :
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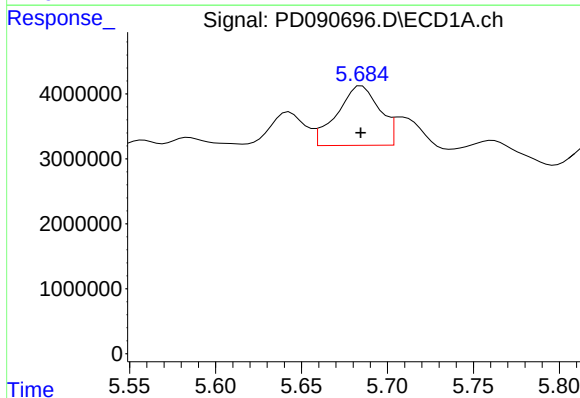
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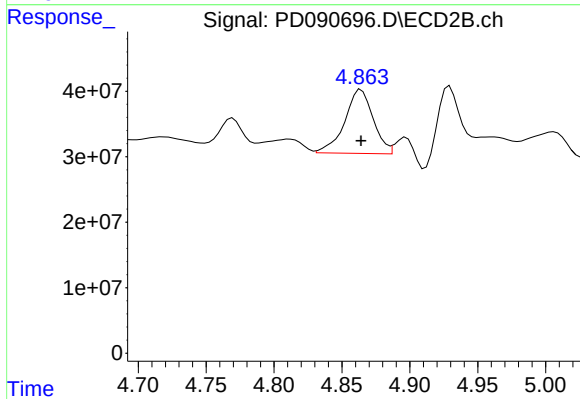
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 572276046
Conc: 19.22 ng/ml m



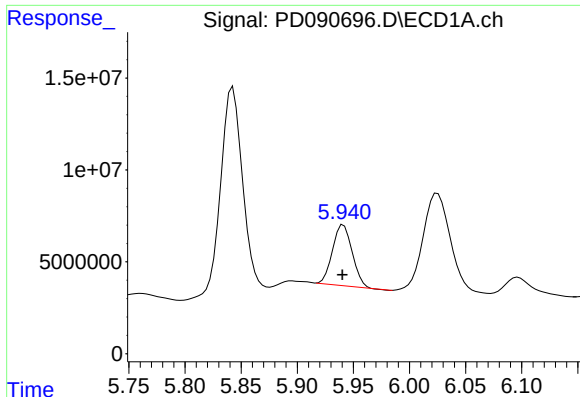
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 15891457
Conc: 2.75 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 143411456
Conc: 3.36 ng/ml m



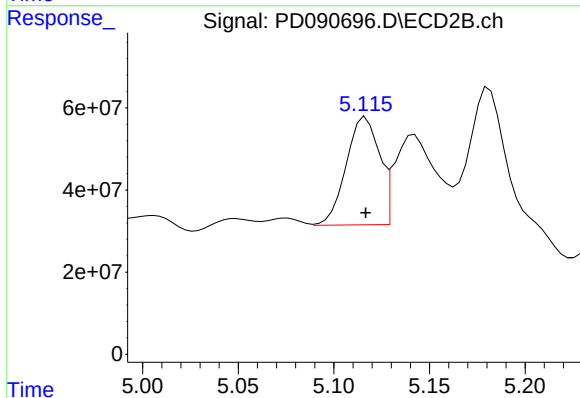
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.001 min
Response: 40592039
Conc: 6.84 ng/ml

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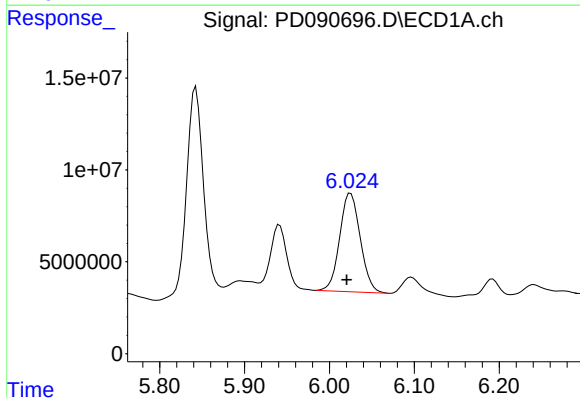
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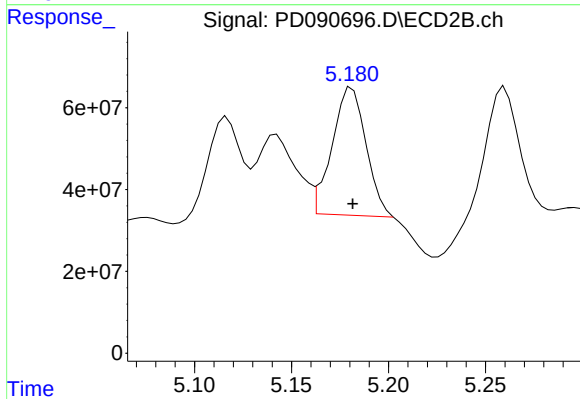
#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 347550780
Conc: 7.73 ng/ml m



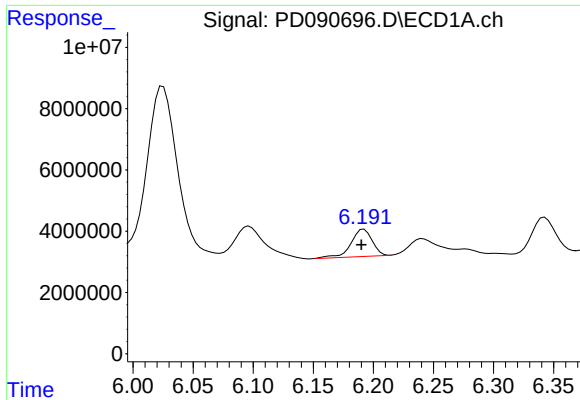
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.004 min
Response: 90140952
Conc: 14.59 ng/ml



#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 373590812
Conc: 8.66 ng/ml m



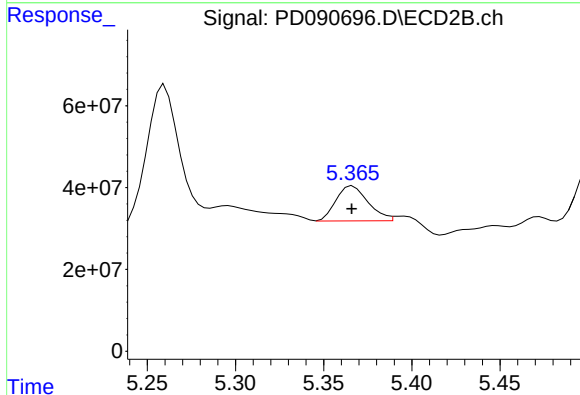
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 10902877
Conc: 2.05 ng/ml

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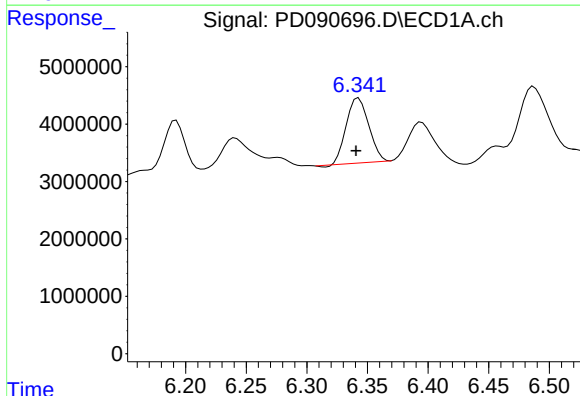
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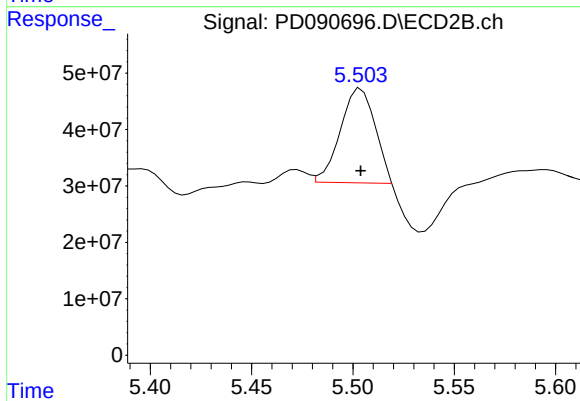
#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 110831135
Conc: 2.53 ng/ml m



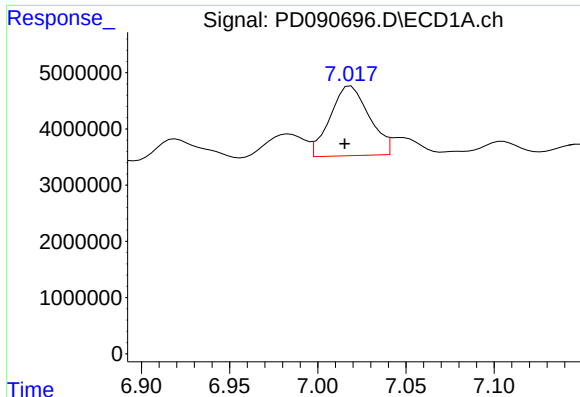
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.002 min
Response: 14513721
Conc: 2.49 ng/ml



#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 198157541
Conc: 4.48 ng/ml m



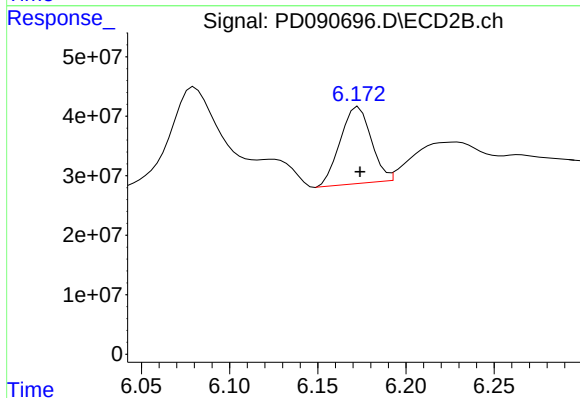
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 19037688
Conc: 4.63 ng/ml

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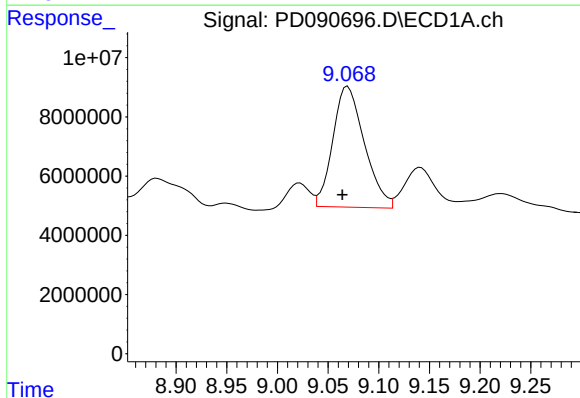
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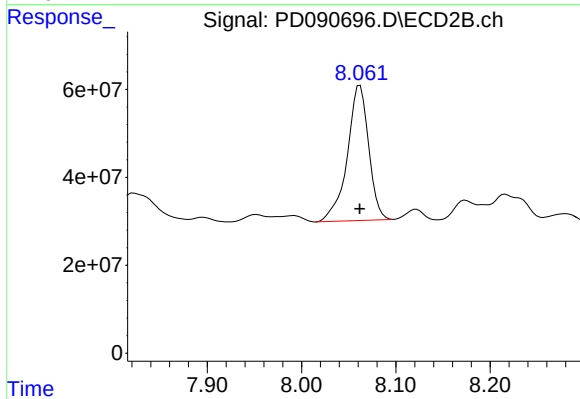
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 157168698
Conc: 4.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.005 min
Response: 88504031
Conc: 18.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.001 min
Response: 485228582
Conc: 16.02 ng/ml m