

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 14:50
 Operator : AR\AJ
 Sample : Q3106-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NB-07-09152025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:48:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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	30996670	297.0E6	10.562m	13.468m#
28)	SA Decachlor...	9.067	8.063	68888165	312.5E6	15.961	12.074
Target Compounds							
4)	MA Heptachlor	4.923	4.078	3172543	29080209	0.566m	0.932 #
10)	B gamma-Chl...	5.940	5.117	26548773	135.9E6	5.428m	4.590m
11)	B alpha-Chl...	6.024	5.182	41245605	162.4E6	8.379m	5.690m#
12)	B 4,4'-DDE	6.192	5.368	61116028	518.6E6	13.927	17.992 #
13)	MA Dieldrin	6.340	5.502	5302324	20827763	1.083	0.711m#
17)	MA 4,4'-DDT	7.015	6.175	61863501	441.8E6	16.238m	17.621

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

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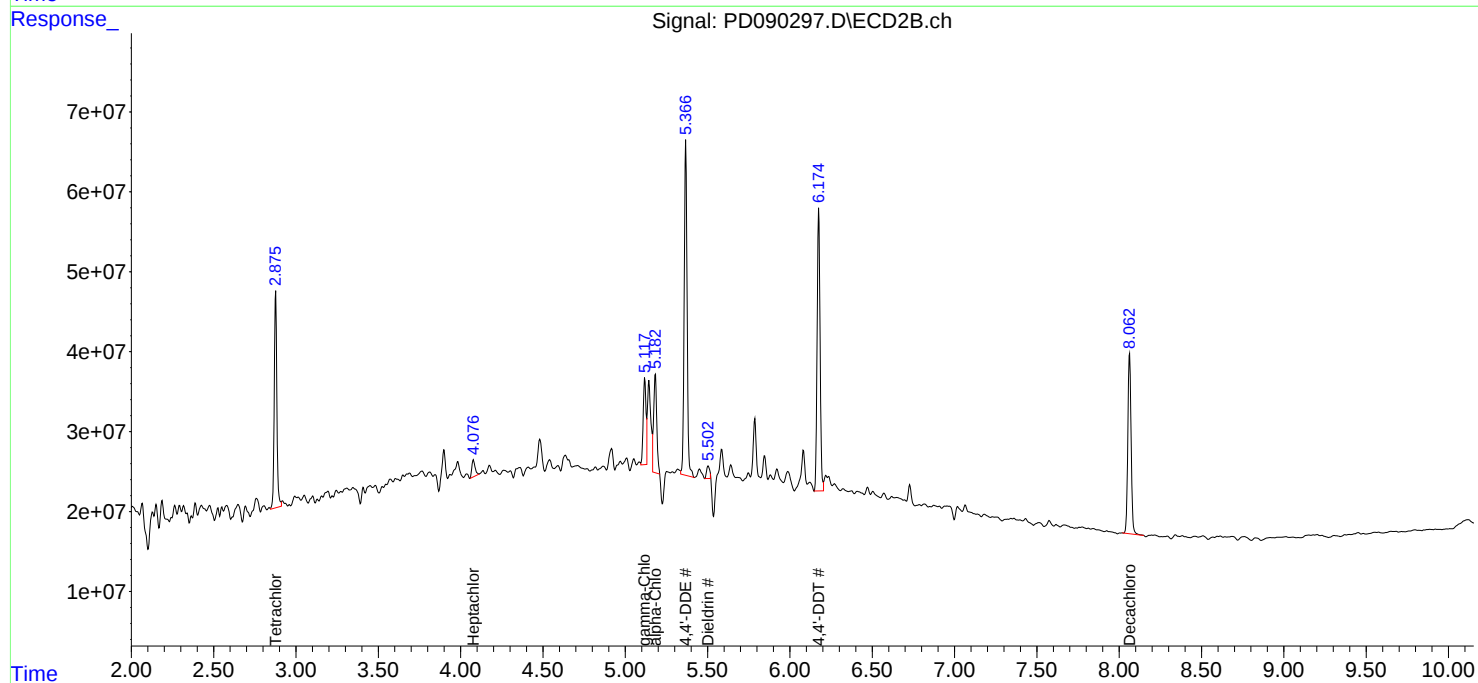
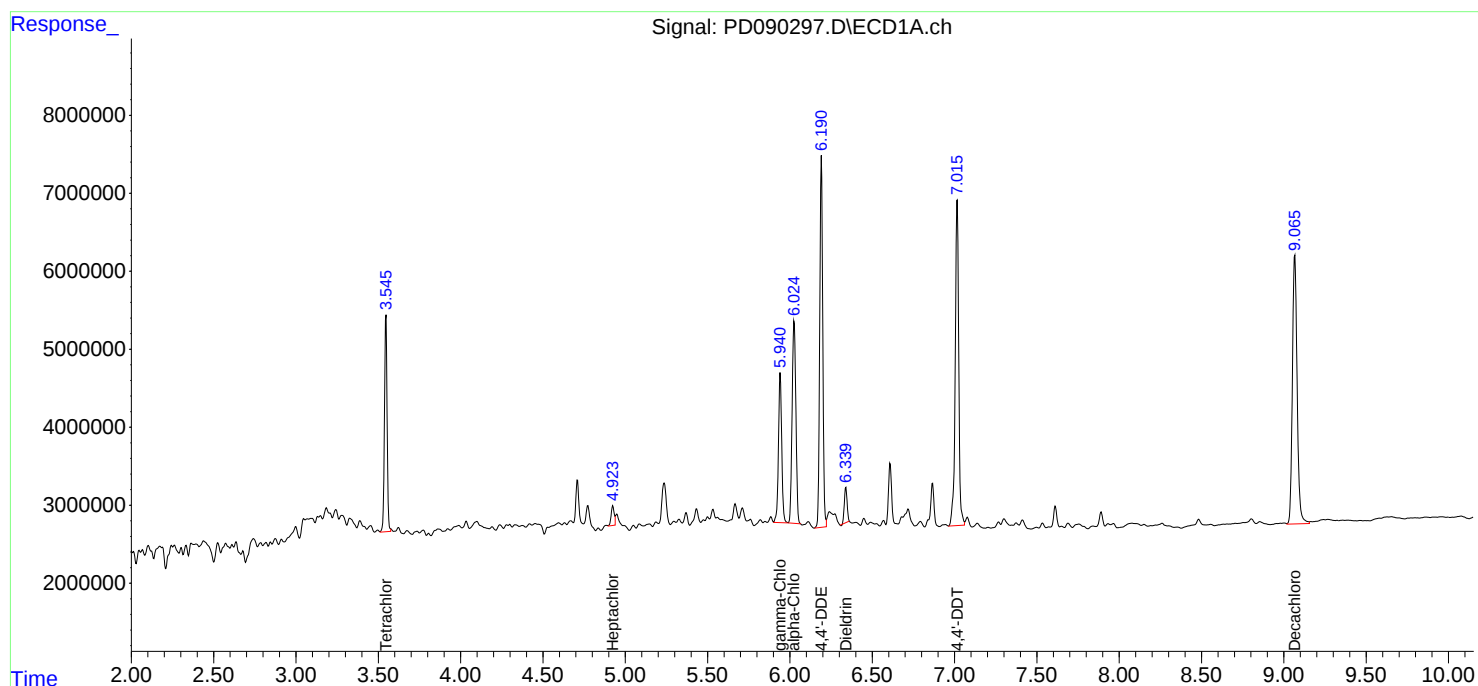
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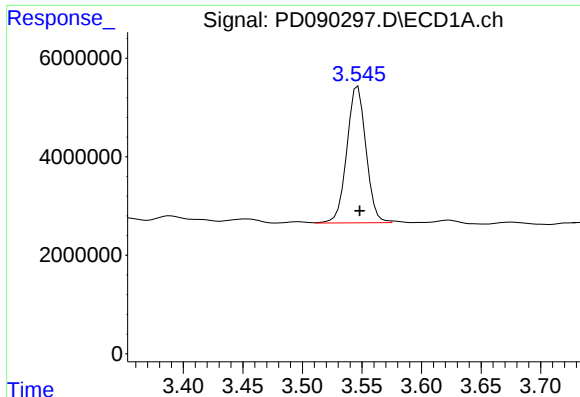
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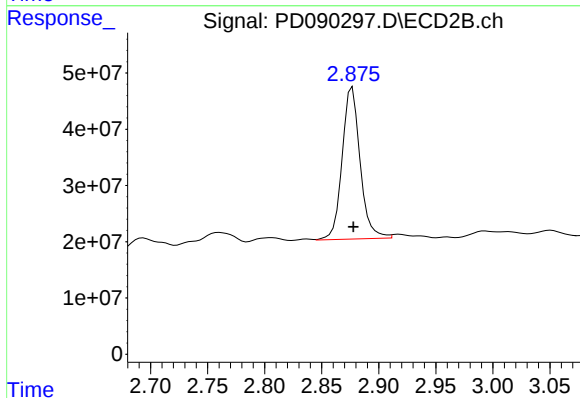
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.003 min
Response: 30996670
Conc: 10.56 ng/ml

Instrument :
ECD_D
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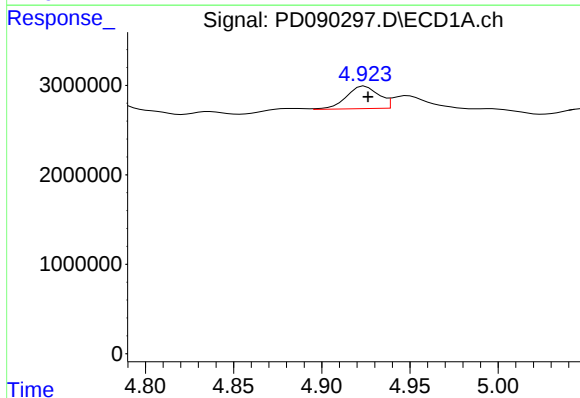
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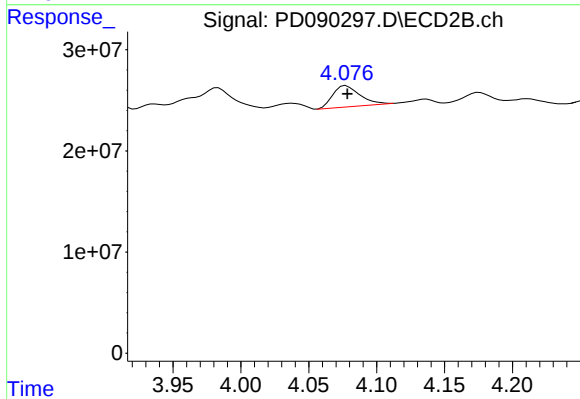
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.002 min
Response: 296972170
Conc: 13.47 ng/ml m



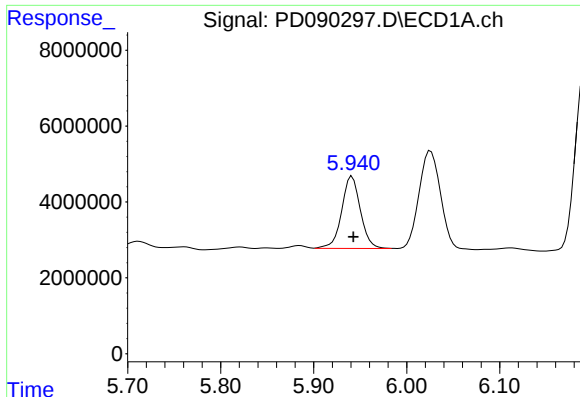
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.003 min
Response: 3172543
Conc: 0.57 ng/ml m



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 29080209
Conc: 0.93 ng/ml



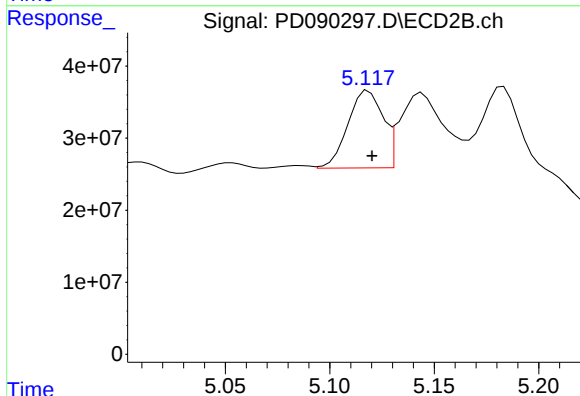
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 26548773
Conc: 5.43 ng/ml

Instrument :
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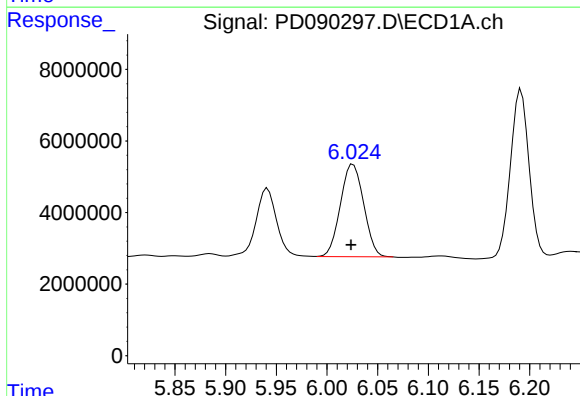
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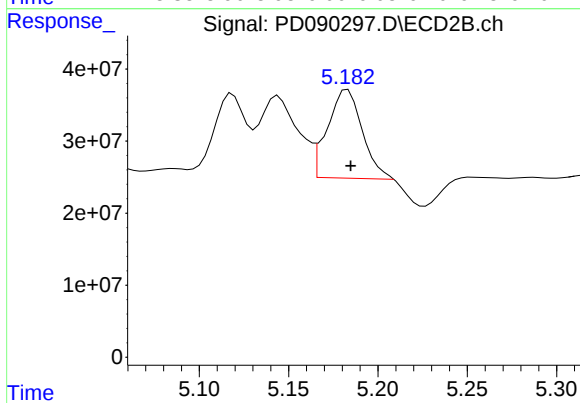
#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 135906786
Conc: 4.59 ng/ml m



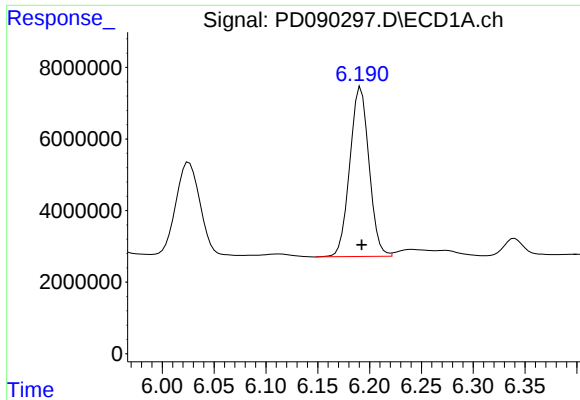
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 41245605
Conc: 8.38 ng/ml m



#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 162381455
Conc: 5.69 ng/ml m



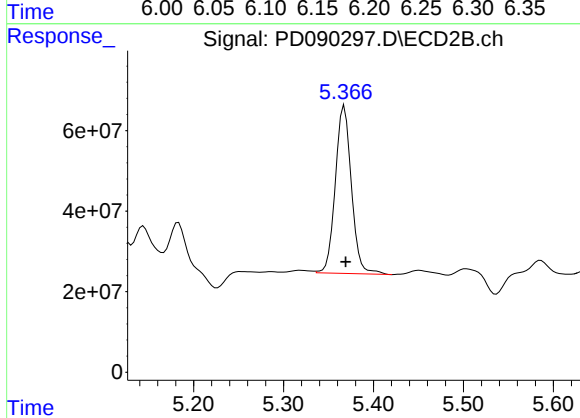
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 61116028
Conc: 13.93 ng/ml

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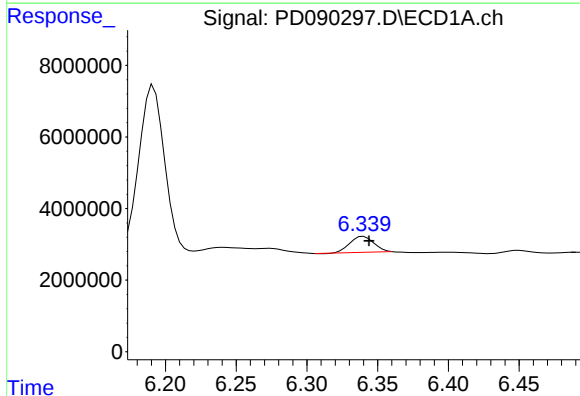
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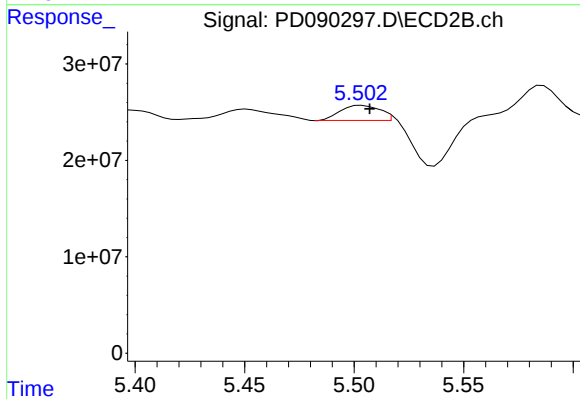
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 518576170
Conc: 17.99 ng/ml



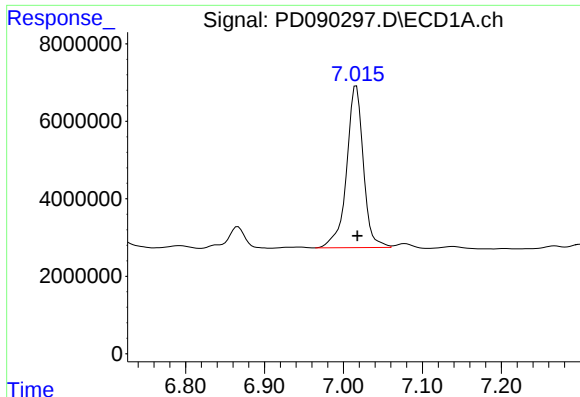
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 5302324
Conc: 1.08 ng/ml



#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 20827763
Conc: 0.71 ng/ml m



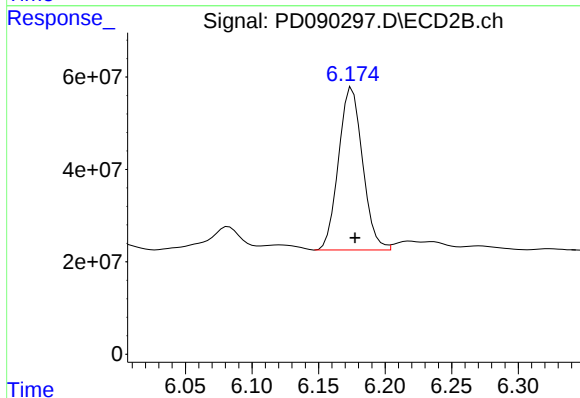
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.003 min
Response: 61863501
Conc: 16.24 ng/ml

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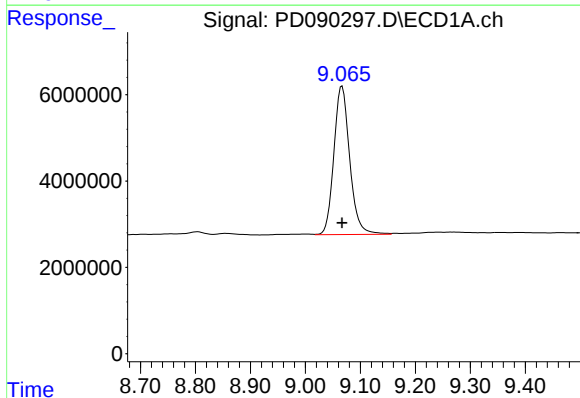
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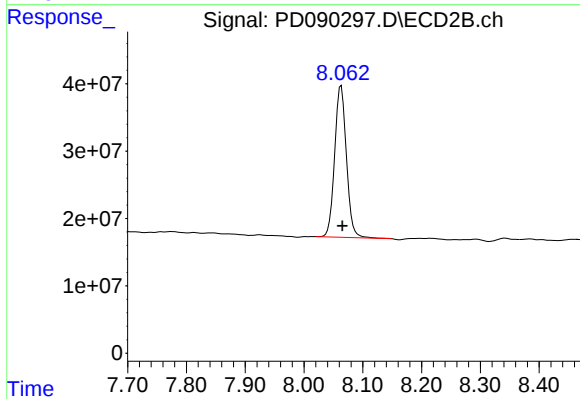
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 441754384
Conc: 17.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 68888165
Conc: 15.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 312534009
Conc: 12.07 ng/ml