

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082225\
 Data File : PD090016.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2025 18:22
 Operator : AR\AJ
 Sample : Q2932-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ARS20-0009

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/25/2025
 Supervised By :mohammad ahmed 08/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 01:54:42 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...	3.549	2.877	49735678	277.5E6	16.947	12.586m#
28)	SA Decachlor...	9.069	8.066	78616265	376.8E6	18.215m	14.554
Target Compounds							
10)	B gamma-Chl...	5.942	5.121	2889985	20373366	0.591m	0.688
11)	B alpha-Chl...	6.029	5.184	6861595	13159835	1.394	0.461m#
12)	B 4,4'-DDE	6.194	5.370	35957632	230.5E6	8.194	7.997
13)	MA Dieldrin	6.343	5.506	3609014	29464541	0.737m	1.006m#
16)	A 4,4'-DDD	6.701	5.924	8191089	38072590	2.368m	1.583m#
17)	MA 4,4'-DDT	7.019	6.178	29623434	178.6E6	7.776	7.123

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

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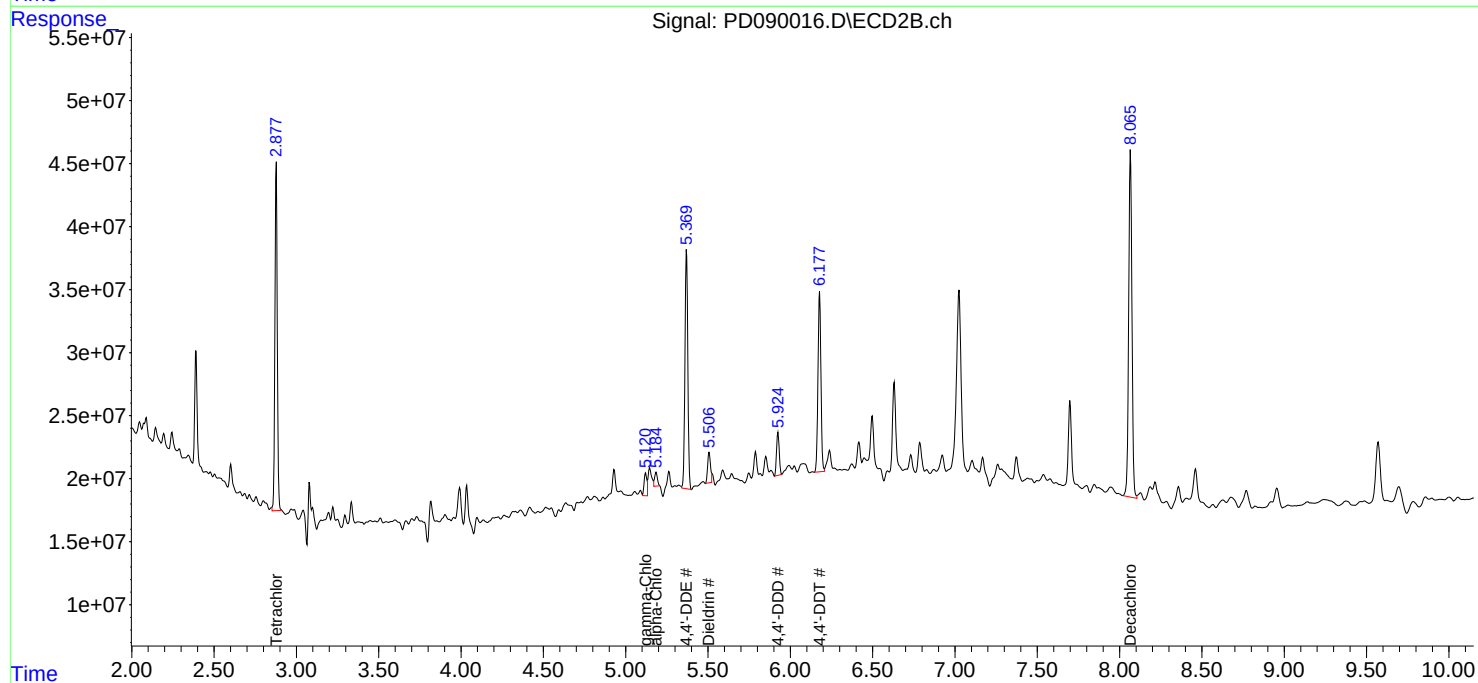
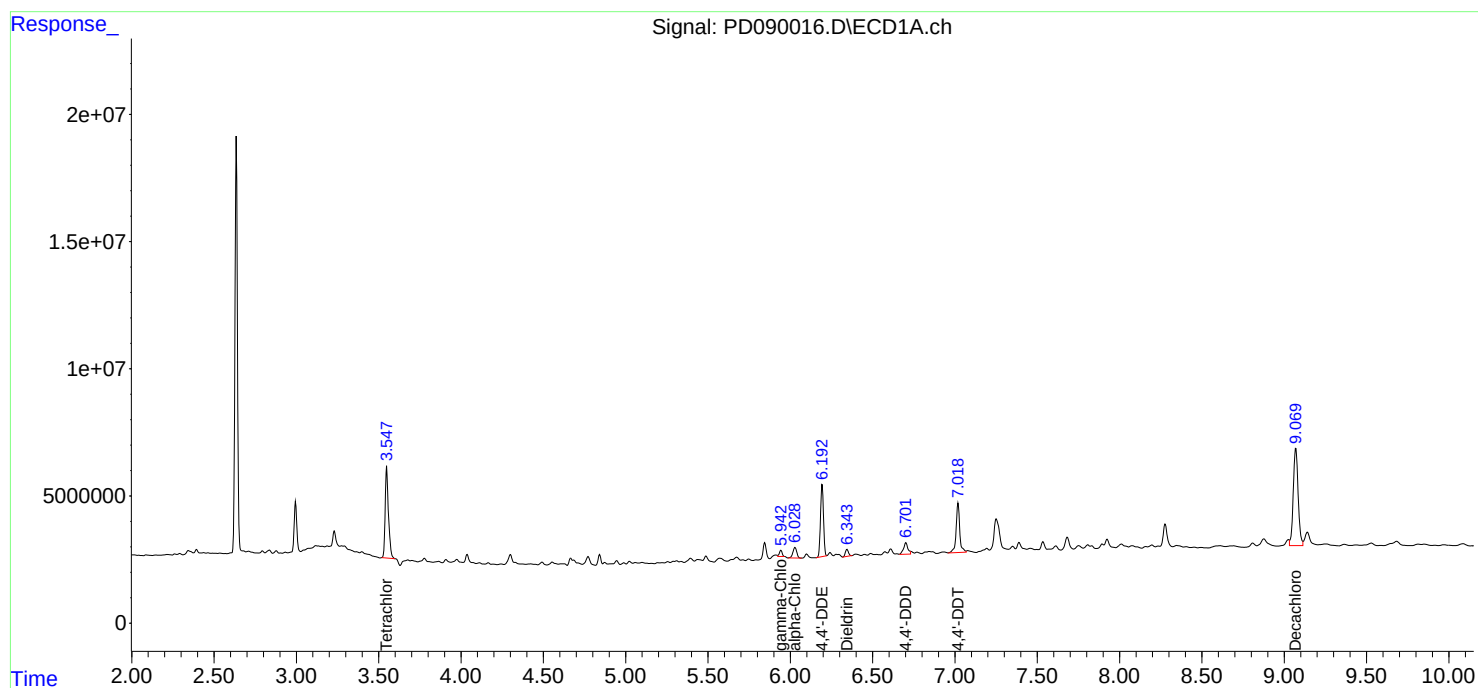
Instrument :
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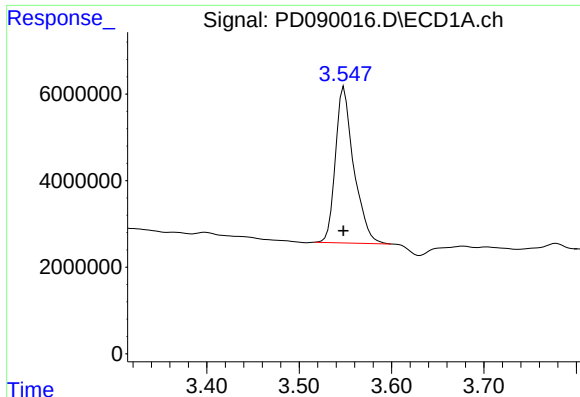
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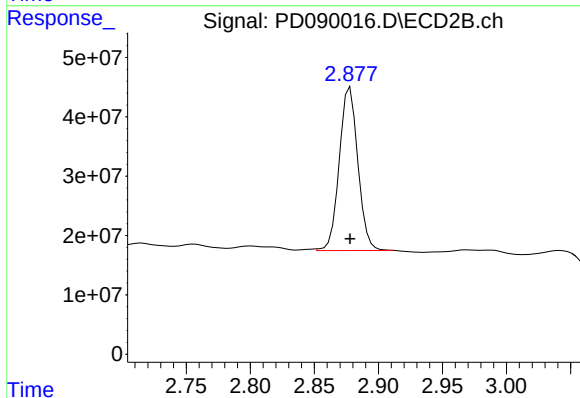
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 49735678
Conc: 16.95 ng/ml

Instrument :
ECD_D
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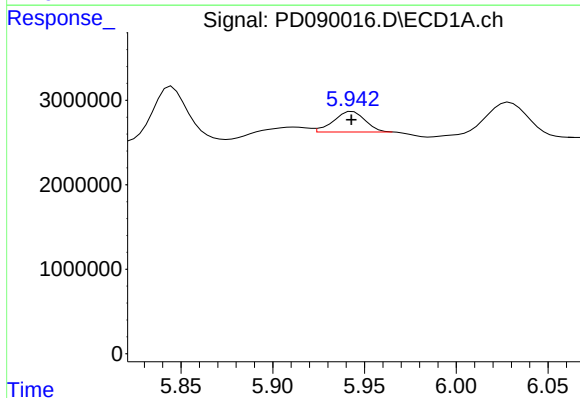
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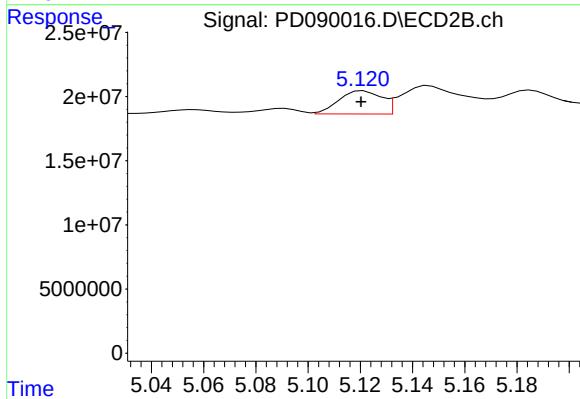
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 277538773
Conc: 12.59 ng/ml m



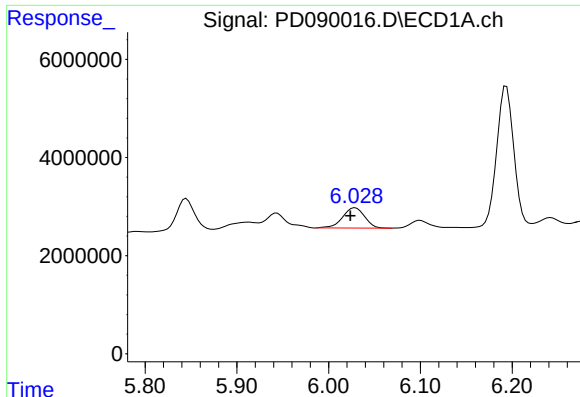
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 2889985
Conc: 0.59 ng/ml m



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.001 min
Response: 20373366
Conc: 0.69 ng/ml



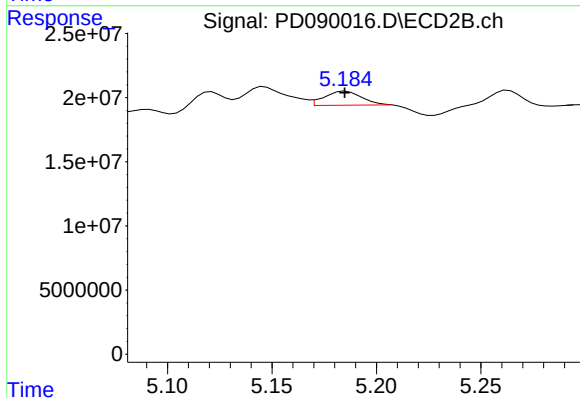
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.005 min
Response: 6861595
Conc: 1.39 ng/ml

Instrument :
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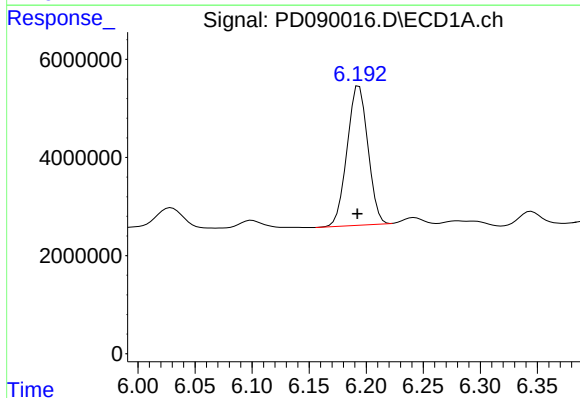
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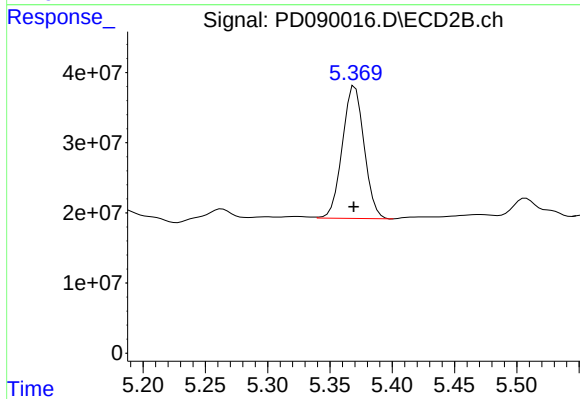
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: 0.000 min
Response: 13159835
Conc: 0.46 ng/ml m



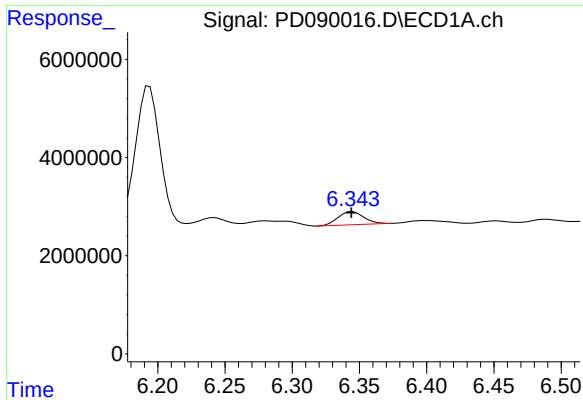
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 35957632
Conc: 8.19 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 230486157
Conc: 8.00 ng/ml



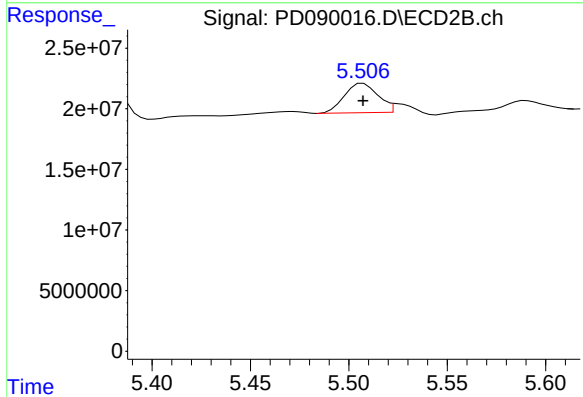
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 3609014
Conc: 0.74 ng/ml

Instrument :
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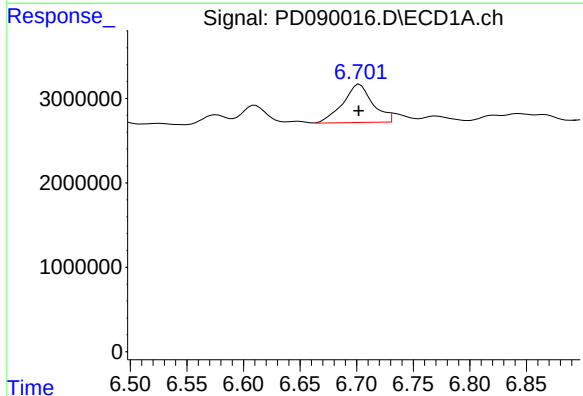
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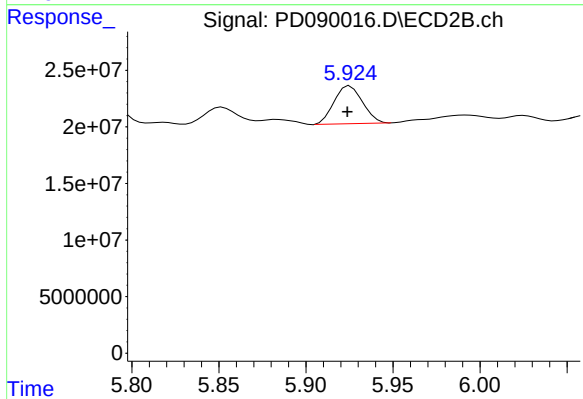
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 29464541
Conc: 1.01 ng/ml m



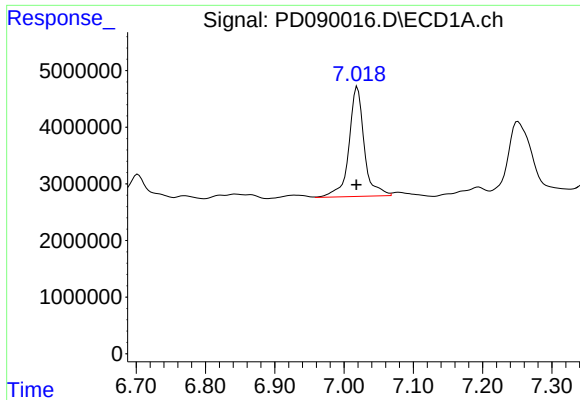
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 8191089
Conc: 2.37 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 38072590
Conc: 1.58 ng/ml m



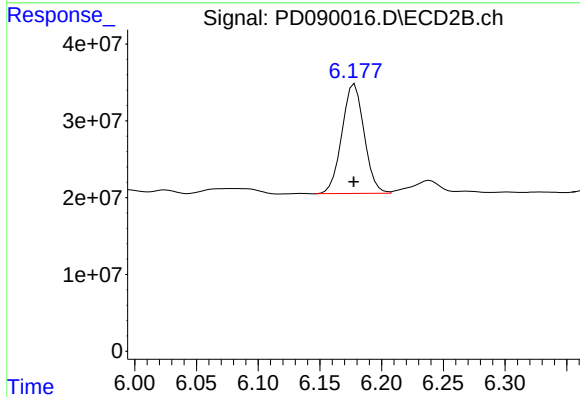
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 29623434
Conc: 7.78 ng/ml

Instrument :
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ClientSampleId :
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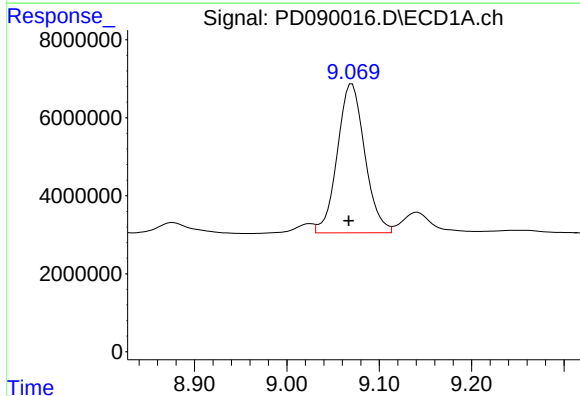
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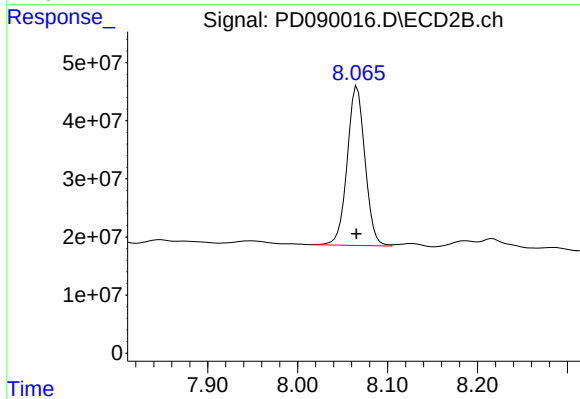
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 178566546
Conc: 7.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 78616265
Conc: 18.22 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 376754612
Conc: 14.55 ng/ml