

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070725\
 Data File : PD089358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 16:41
 Operator : AR\AJ
 Sample : Q2513-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-2-070325

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:26:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.880	22291817	142.5E6	7.813	8.406m
28)	SA Decachlor...	9.071	8.071	42709164	143.4E6	10.874	7.254 #
Target Compounds							
5)	MB Aldrin	5.270	4.367	2350920	18338859	0.442	0.757m#
10)	B gamma-Chl...	5.943	5.124	1750307	8958566	0.366	0.374m
11)	B alpha-Chl...	6.030	5.186	2111796	7194382	0.436	0.314m#
12)	B 4,4'-DDE	6.194	5.374	2508187	18075341	0.575	0.789 #
16)	A 4,4'-DDD	6.702	5.927	1704477	12569637	0.497m	0.657m#
17)	MA 4,4'-DDT	7.018	6.179	965156	16855493	0.255m	0.831 #

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

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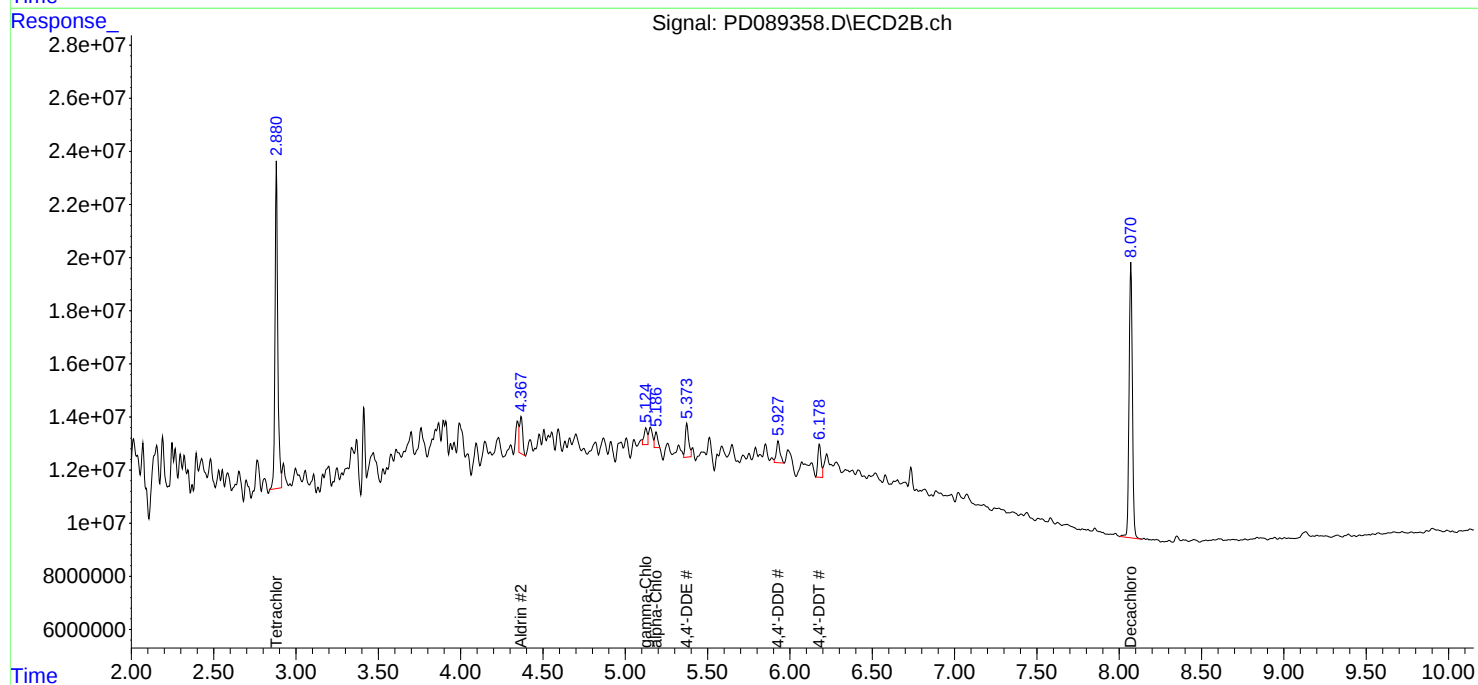
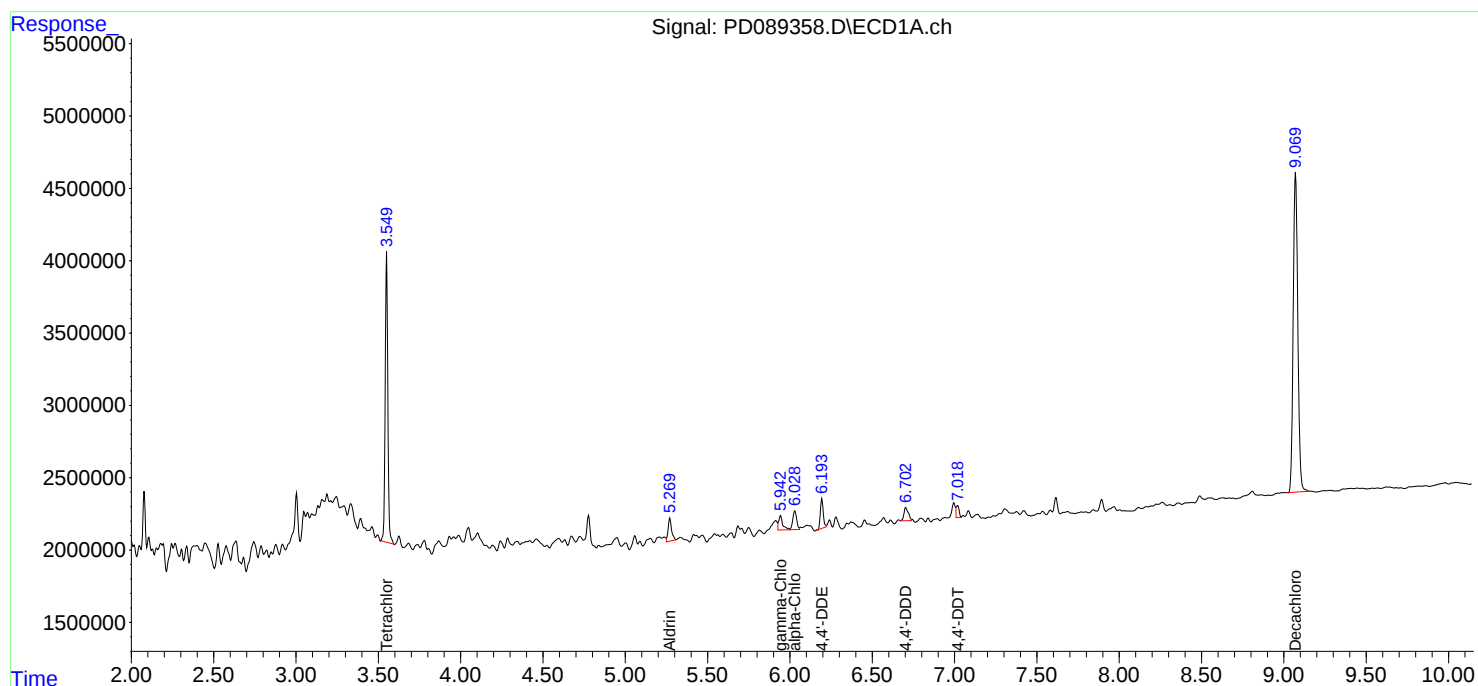
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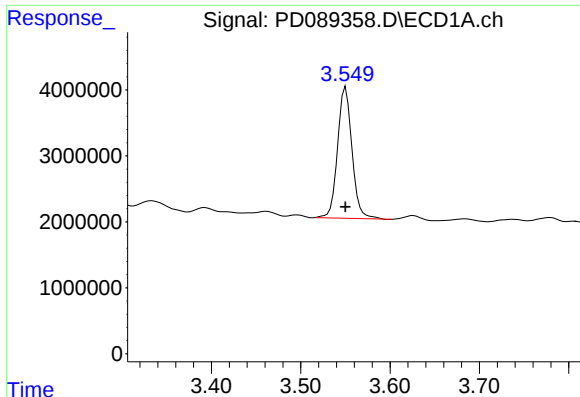
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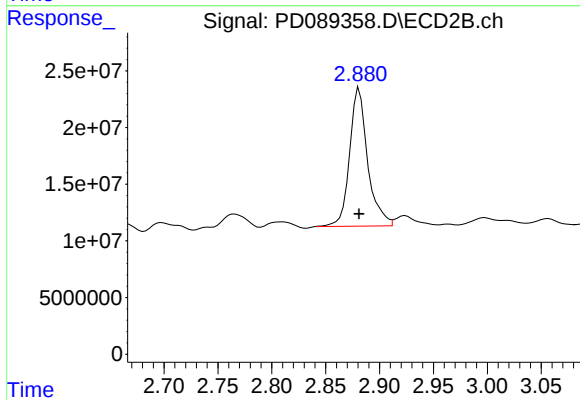
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 22291817
Conc: 7.81 ng/ml

Instrument :
ECD_D
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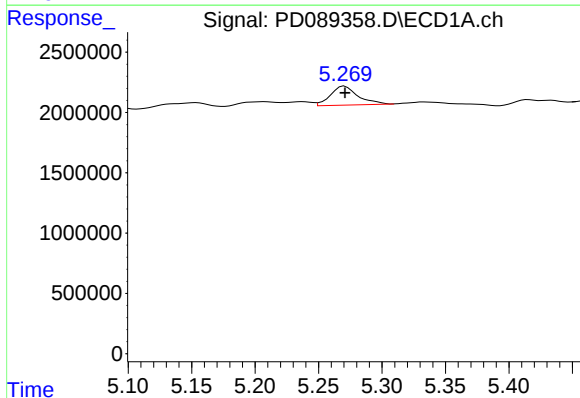
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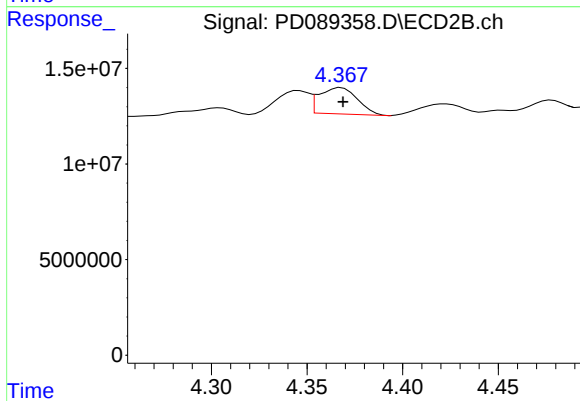
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.001 min
Response: 142513213
Conc: 8.41 ng/ml m



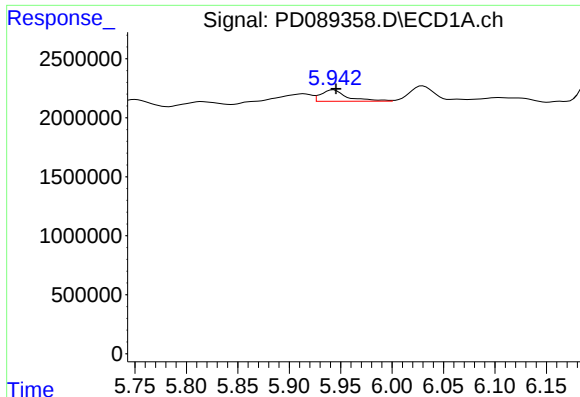
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 2350920
Conc: 0.44 ng/ml



#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 18338859
Conc: 0.76 ng/ml m



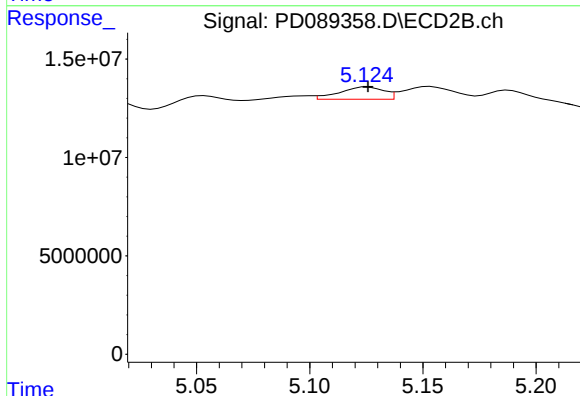
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.003 min
Response: 1750307
Conc: 0.37 ng/ml

Instrument :
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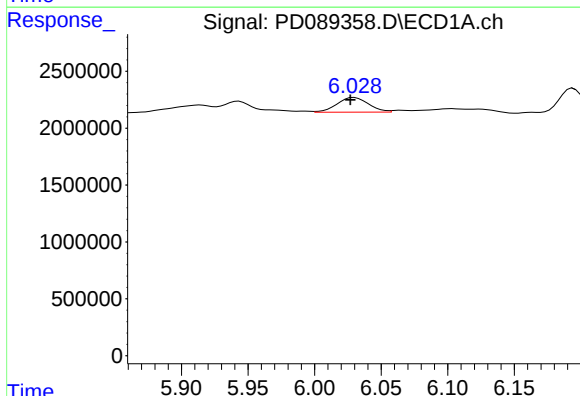
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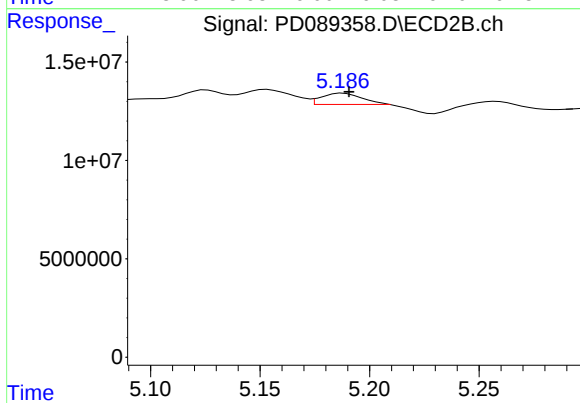
#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 8958566
Conc: 0.37 ng/ml m



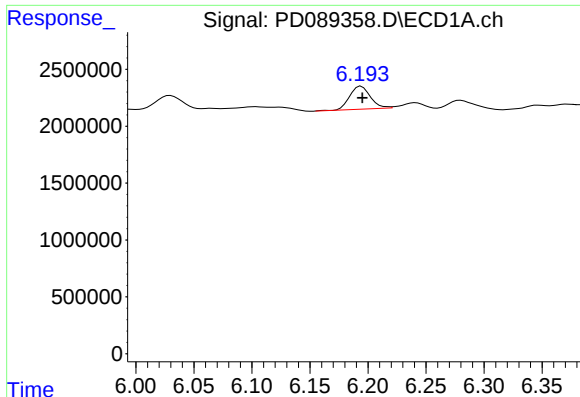
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.003 min
Response: 2111796
Conc: 0.44 ng/ml



#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: -0.004 min
Response: 7194382
Conc: 0.31 ng/ml m



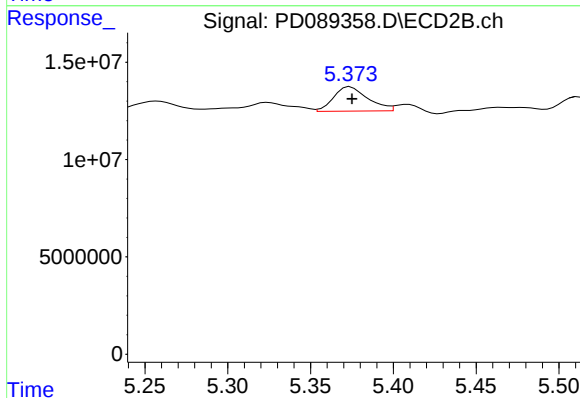
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 2508187
Conc: 0.58 ng/ml

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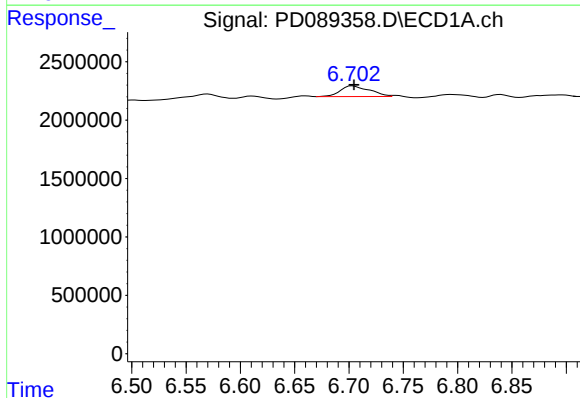
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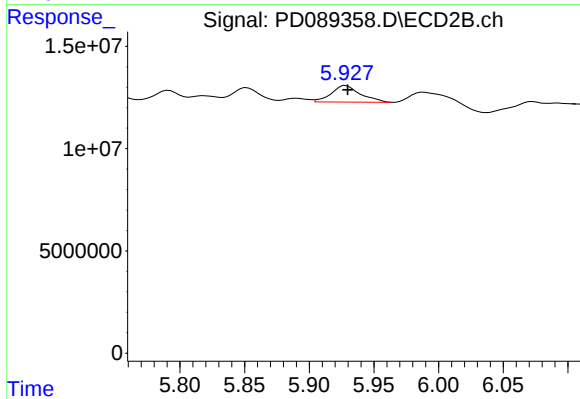
#12 4,4'-DDE

R.T.: 5.374 min
Delta R.T.: -0.001 min
Response: 18075341
Conc: 0.79 ng/ml



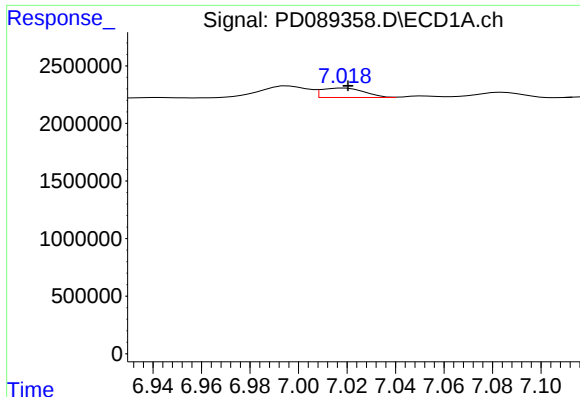
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 1704477
Conc: 0.50 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 12569637
Conc: 0.66 ng/ml m



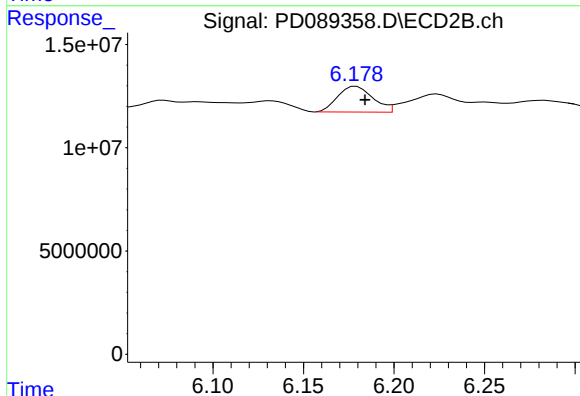
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.003 min
Response: 965156
Conc: 0.25 ng/ml

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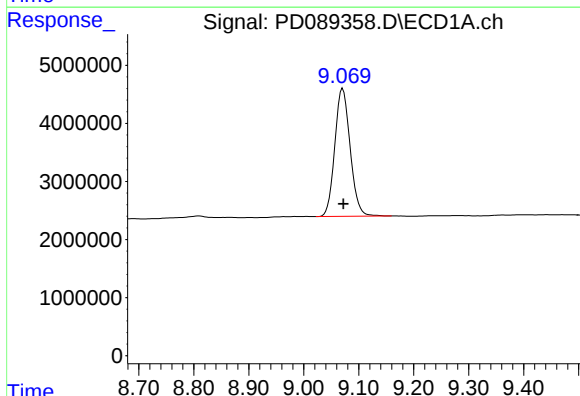
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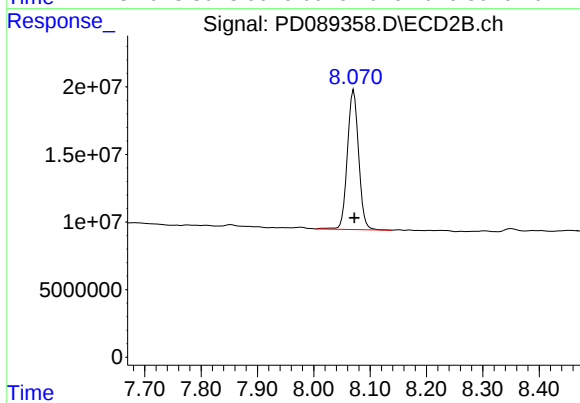
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.005 min
Response: 16855493
Conc: 0.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.001 min
Response: 42709164
Conc: 10.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 143402262
Conc: 7.25 ng/ml