

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071625\
 Data File : PD089499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 13:12
 Operator : AR\AJ
 Sample : Q2611-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EO-02-071525

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/17/2025
 Supervised By : mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:42:32 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...	3.548	2.878	25026744	206.2E6	8.772m	12.160m#
28)	SA Decachlor...	9.074	8.068	67636974	142.2E6	17.221m	7.192m#
Target Compounds							
10)	B gamma-Chl...	5.945	5.122	48984125	122.1E6	10.230	5.105m#
11)	B alpha-Chl...	6.033	5.188	113.3E6	263.3E6	23.425	11.498 #
12)	B 4,4'-DDE	6.197	5.372	3462332	27583912	0.794	1.204m#
13)	MA Dieldrin	6.346	5.508	2626714	20807753	0.548	0.897m#
17)	MA 4,4'-DDT	7.018	6.178	2047991	27277492	0.541m	1.345 #

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

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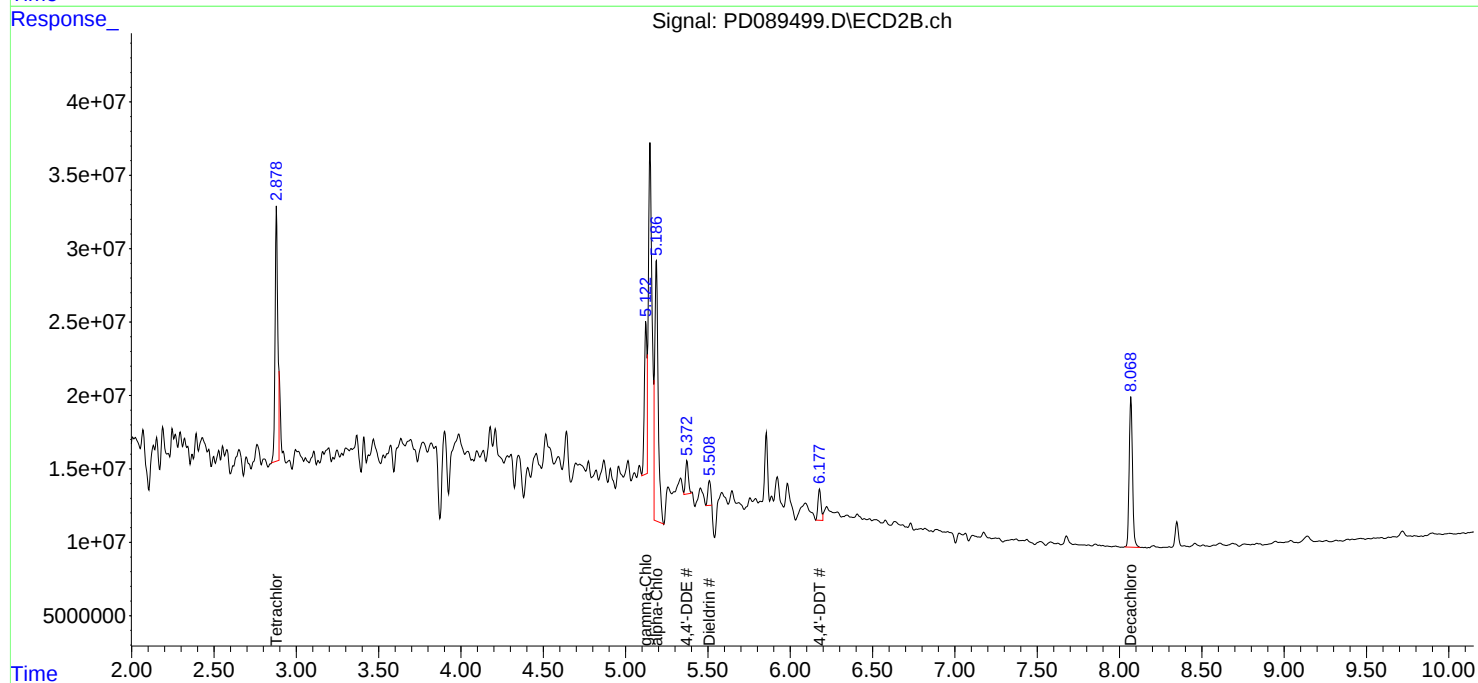
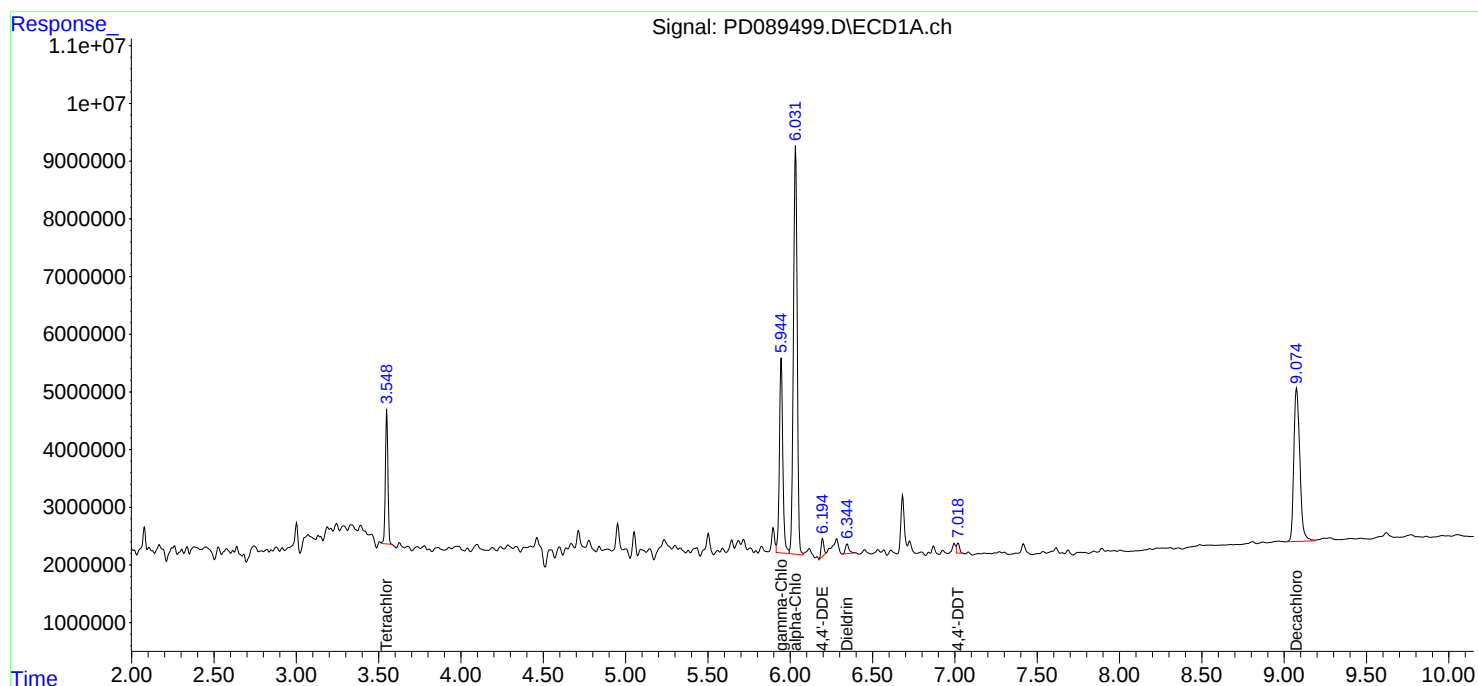
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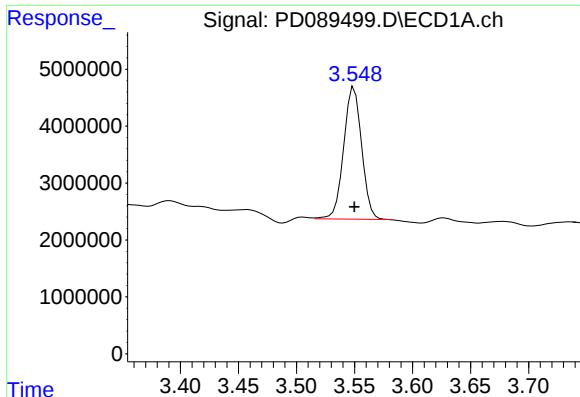
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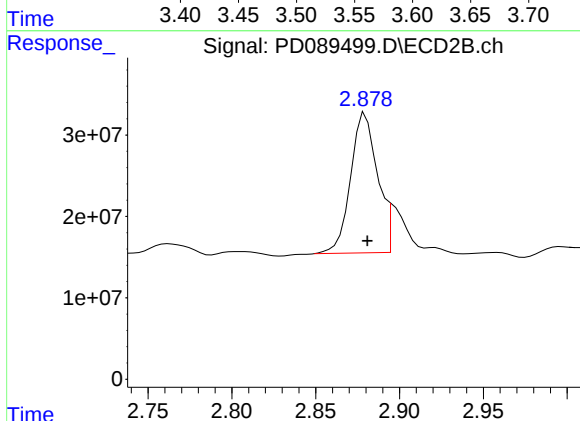
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 25026744
Conc: 8.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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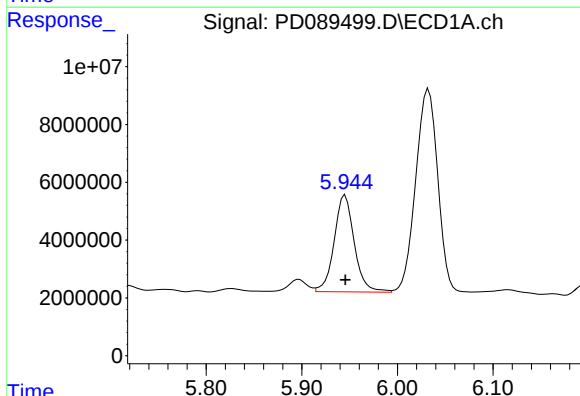
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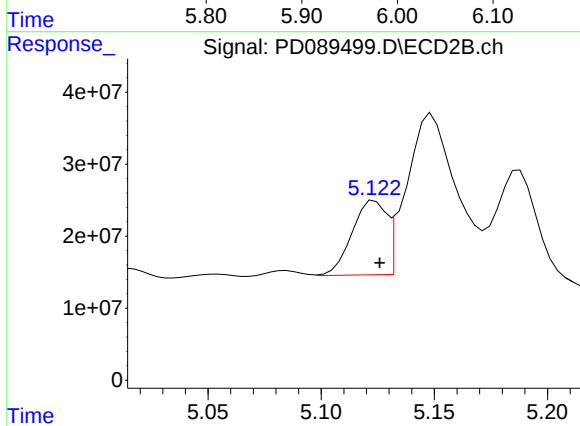
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.003 min
Response: 206150907
Conc: 12.16 ng/ml m



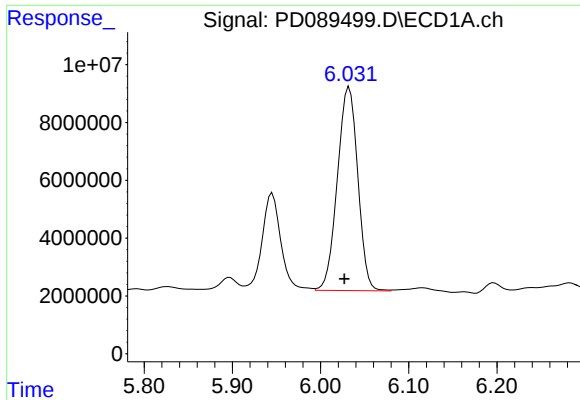
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 48984125
Conc: 10.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 122122760
Conc: 5.10 ng/ml m



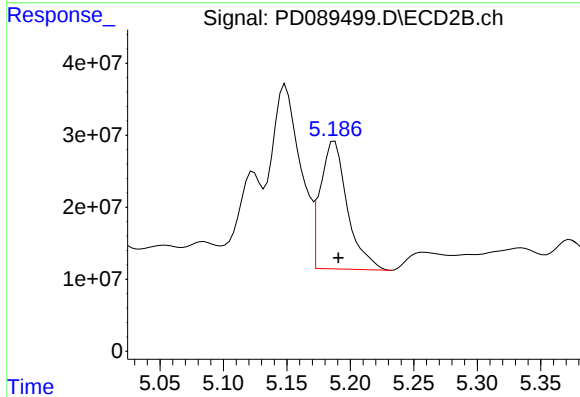
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 113342266
Conc: 23.42 ng/ml

Instrument :
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ClientSampleId :
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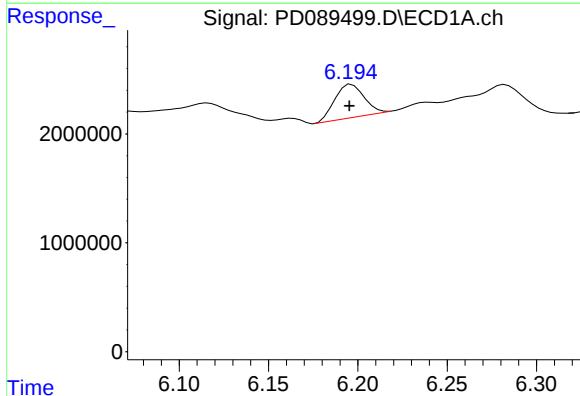
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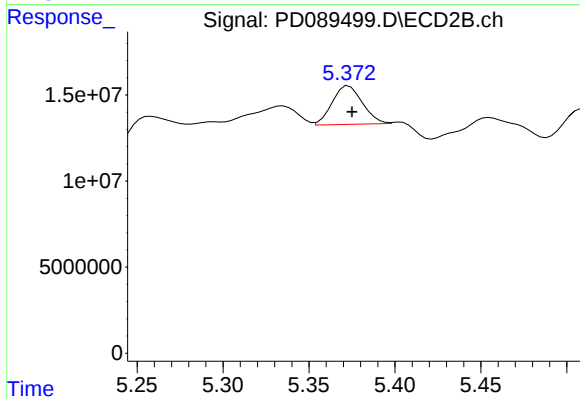
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 263270117
Conc: 11.50 ng/ml



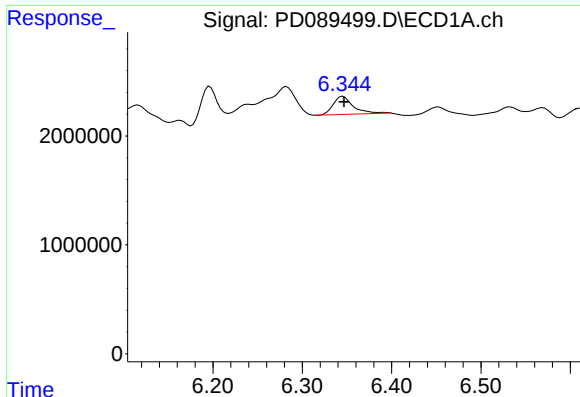
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.001 min
Response: 3462332
Conc: 0.79 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 27583912
Conc: 1.20 ng/ml m



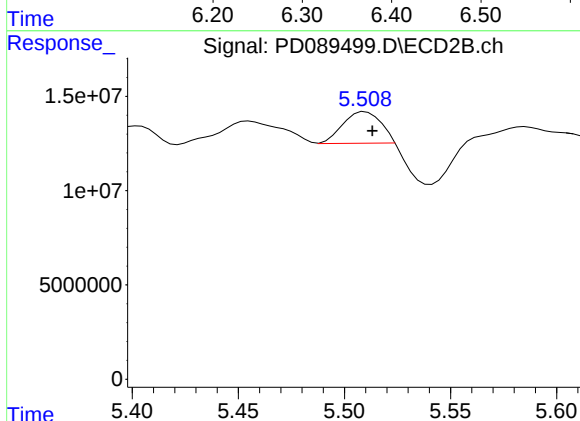
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 2626714
Conc: 0.55 ng/ml

Instrument :
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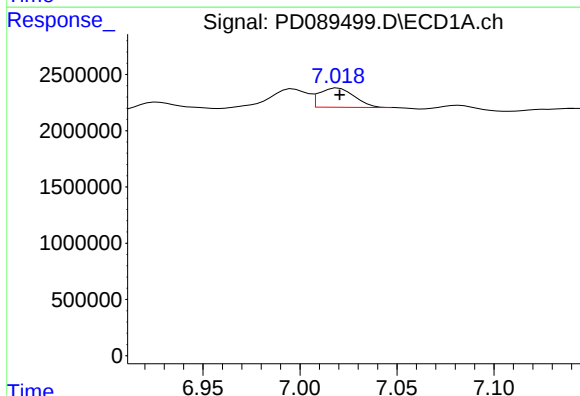
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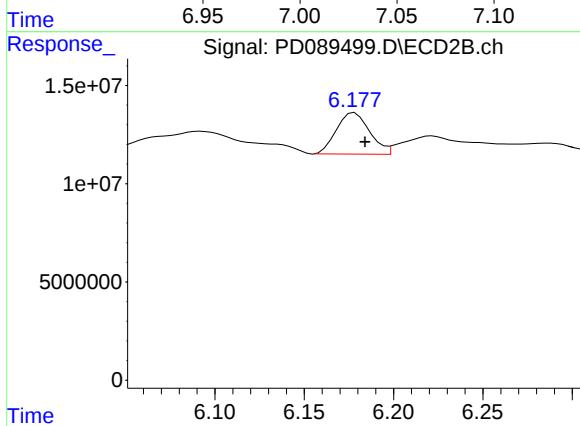
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.005 min
Response: 20807753
Conc: 0.90 ng/ml m



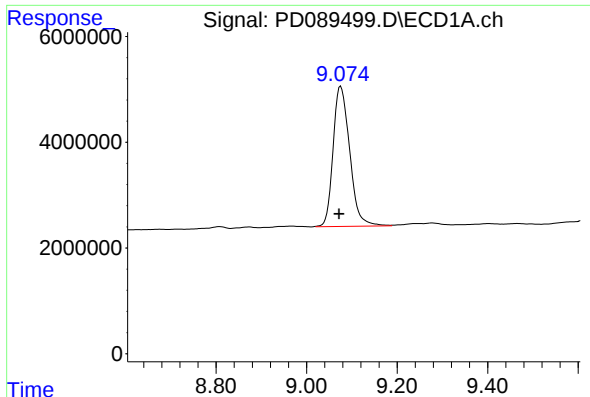
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 2047991
Conc: 0.54 ng/ml m



#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.006 min
Response: 27277492
Conc: 1.35 ng/ml



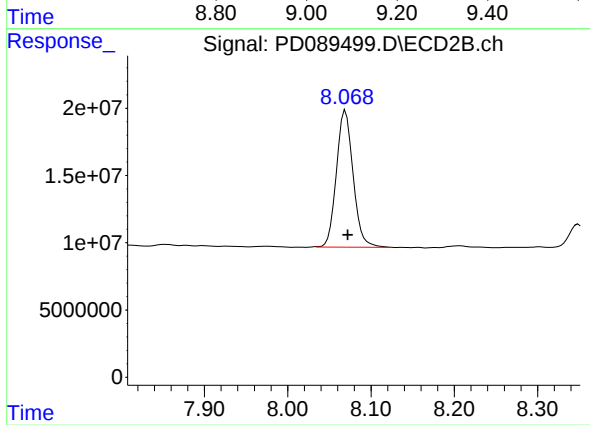
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 67636974
Conc: 17.22 ng/ml

Instrument :
ECD_D
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#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.004 min
Response: 142178921
Conc: 7.19 ng/ml m