

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 19:22
 Operator : AR\AJ
 Sample : Q2473-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PIT#1

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/03/2025
 Supervised By : mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 01:42:46 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	2.879	36627572	255.7E6	12.838m	15.081m
28)	SA Decachlor...	9.074	8.072	60089241	240.6E6	15.299	12.168
Target Compounds							
4)	MA Heptachlor	4.927	4.081	39017654	302.6E6	7.157m	12.086m#
5)	MB Aldrin	5.270	4.369	96406489	424.9E6	18.145	17.547
10)	B gamma-Chl...	5.946	5.125	246.7E6	813.0E6	51.525	33.984 #
11)	B alpha-Chl...	6.031	5.190	401.5E6	1027.1E6	82.977	44.857 #
12)	B 4,4'-DDE	6.196	5.373	63649888	391.7E6	14.595	17.093m
17)	MA 4,4'-DDT	7.021	6.182	94381016	472.9E6	24.914	23.319

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

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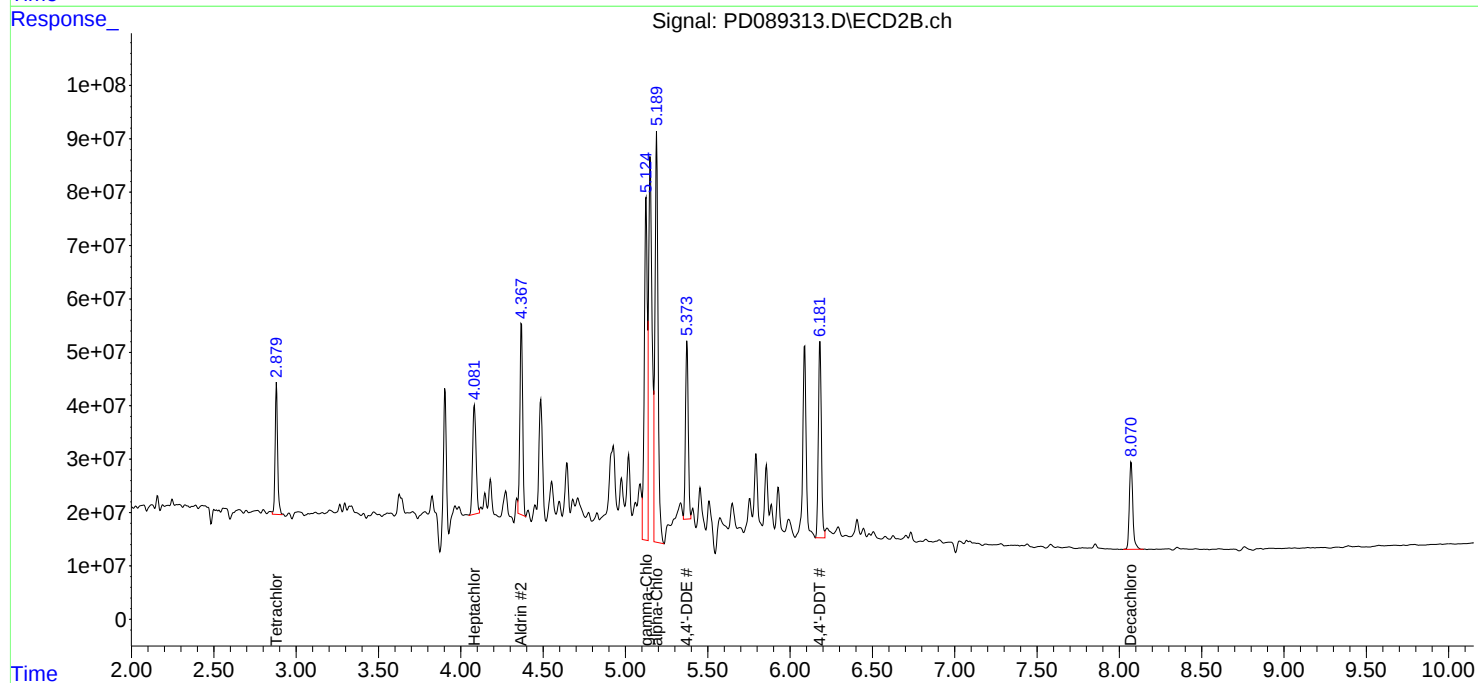
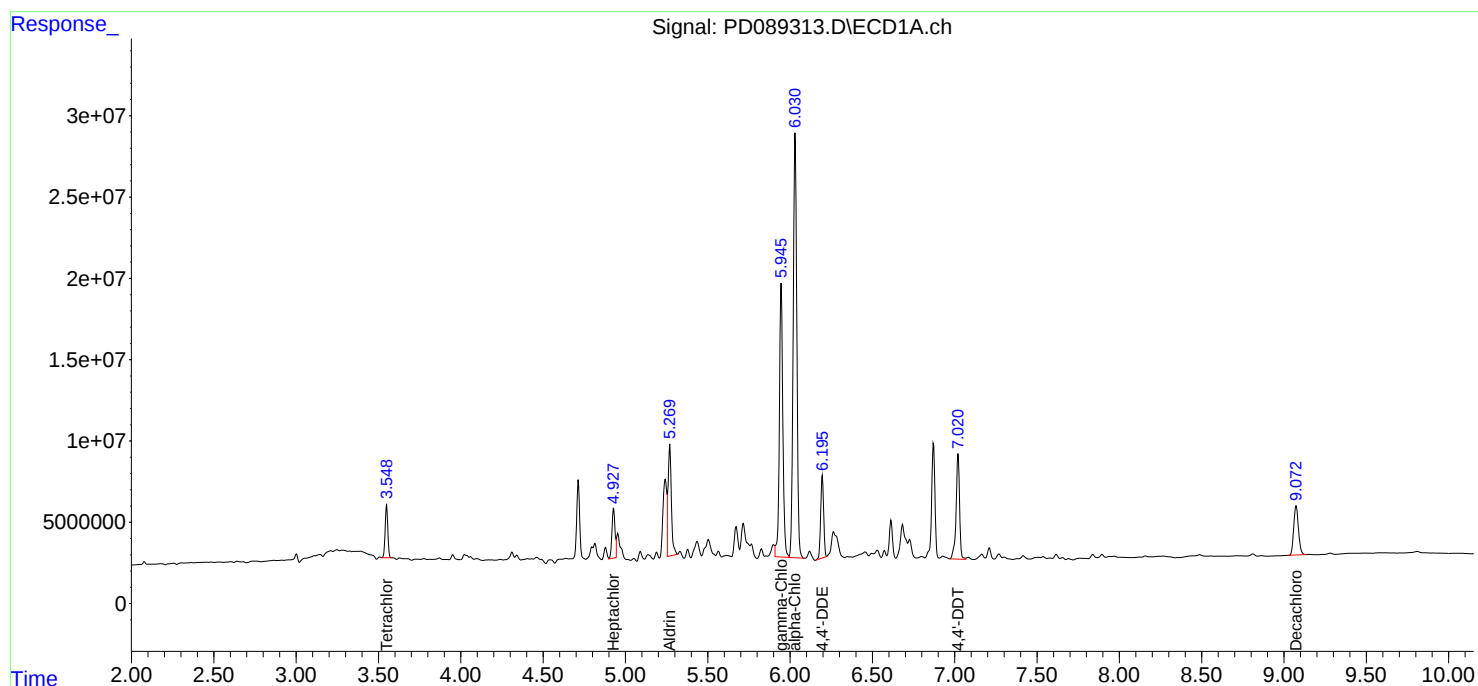
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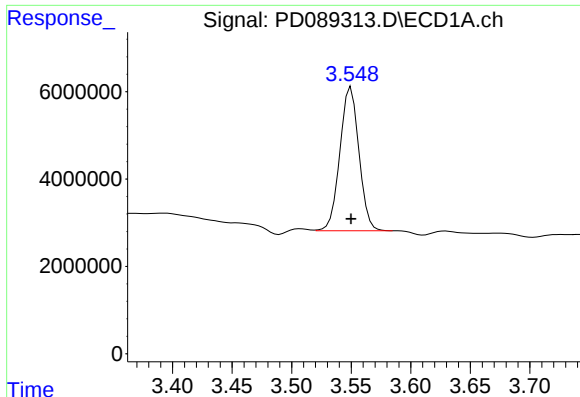
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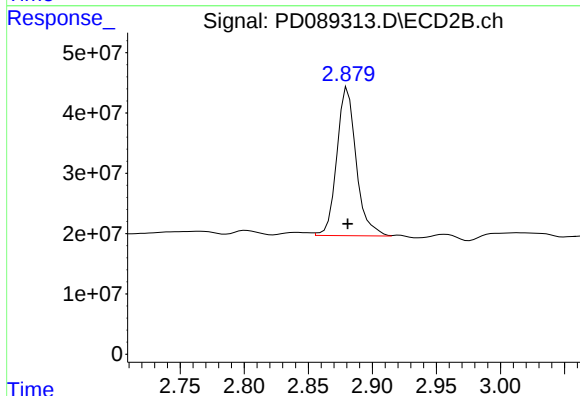
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 36627572
Conc: 12.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#1

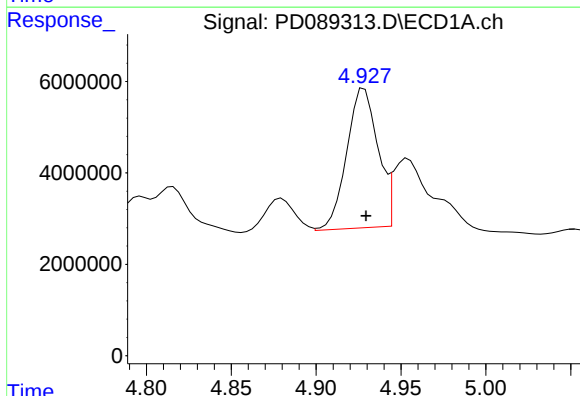
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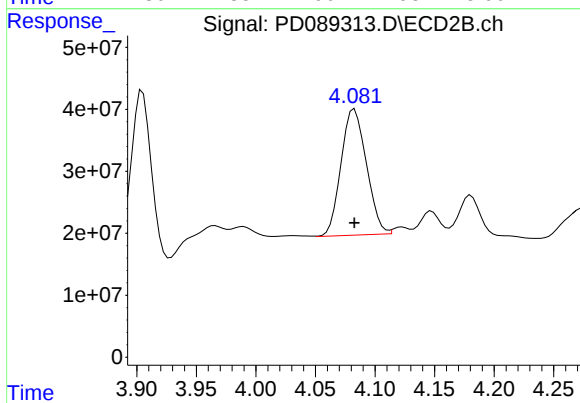
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.001 min
Response: 255675831
Conc: 15.08 ng/ml m



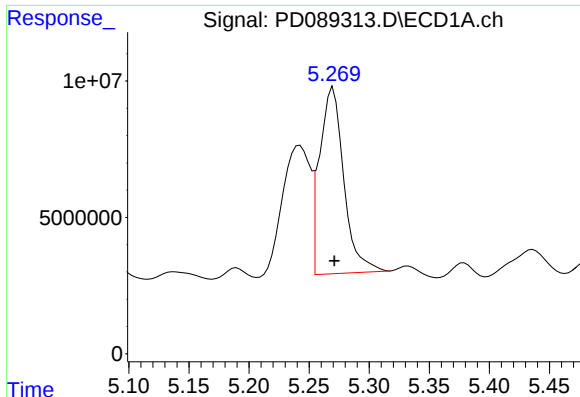
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 39017654
Conc: 7.16 ng/ml m



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 302619147
Conc: 12.09 ng/ml m



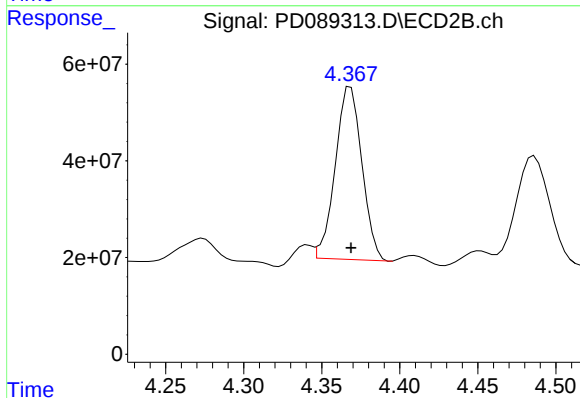
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.001 min
Response: 96406489
Conc: 18.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
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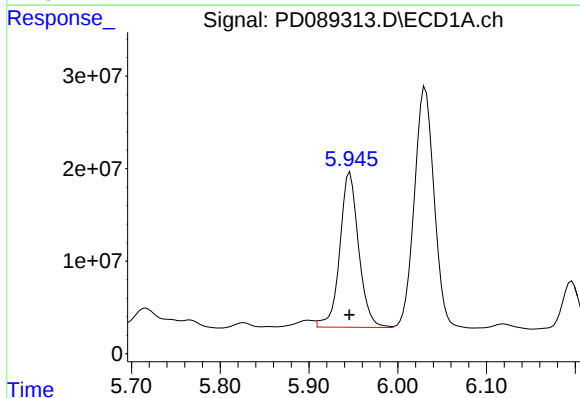
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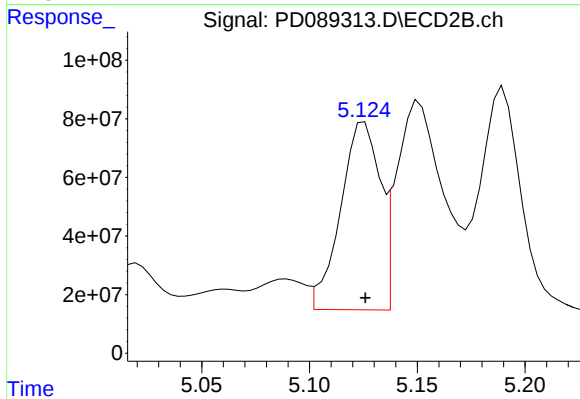
#5 Aldrin

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 424949543
Conc: 17.55 ng/ml



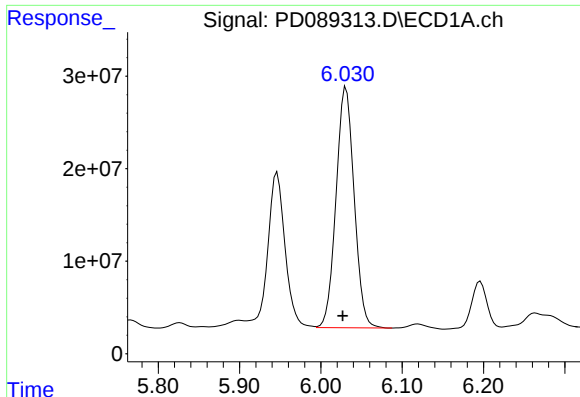
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 246709106
Conc: 51.53 ng/ml



#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 812987249
Conc: 33.98 ng/ml



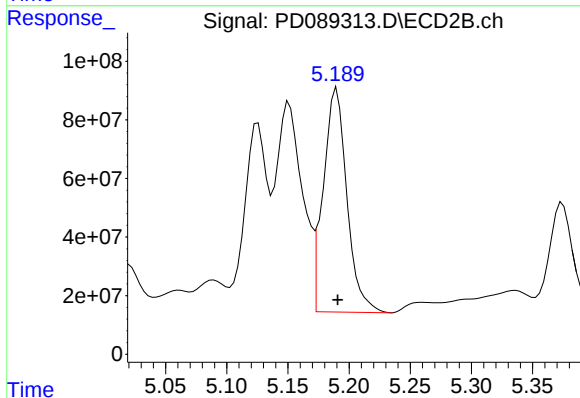
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 401488274
Conc: 82.98 ng/ml

Instrument :
ECD_D
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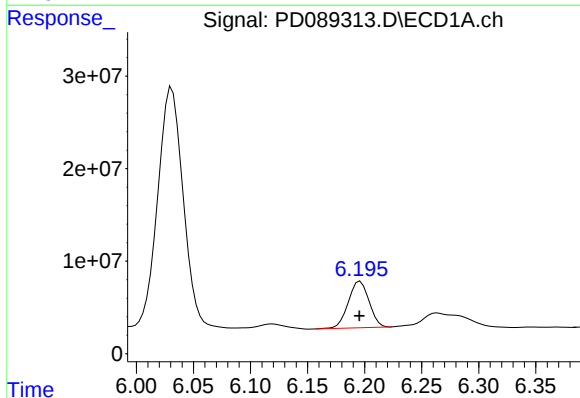
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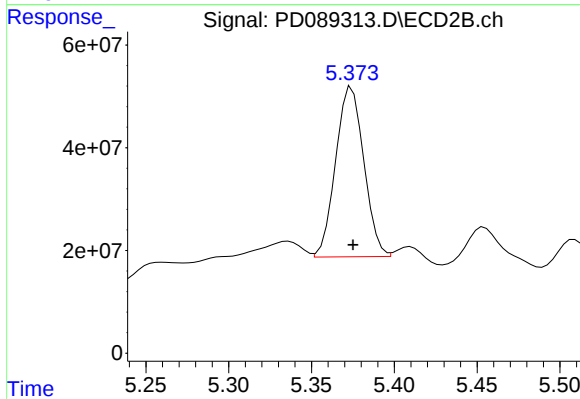
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 1027090697
Conc: 44.86 ng/ml



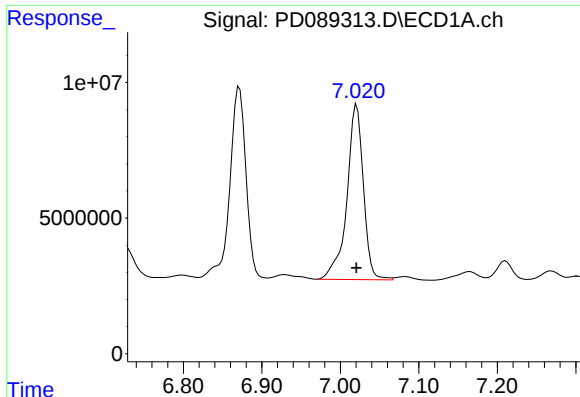
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 63649888
Conc: 14.60 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 391714662
Conc: 17.09 ng/ml m



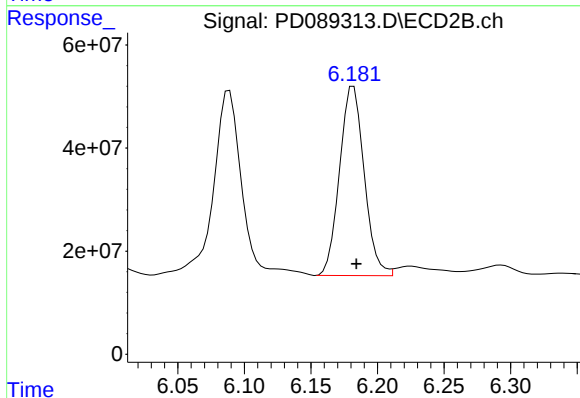
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 94381016
Conc: 24.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#1

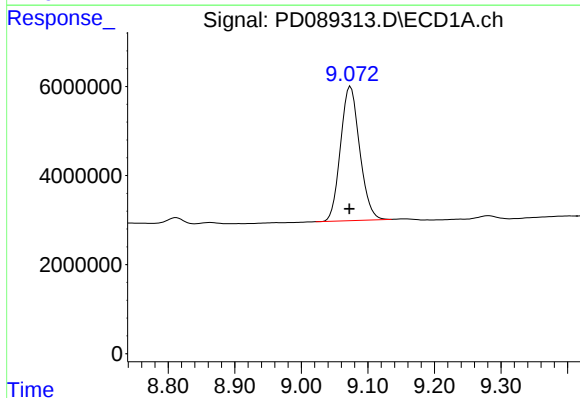
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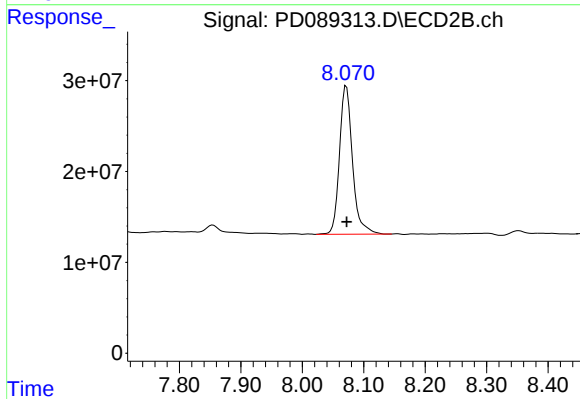
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 472901600
Conc: 23.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 60089241
Conc: 15.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 240569885
Conc: 12.17 ng/ml