

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD100625\
 Data File : PD090522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2025 14:23
 Operator : AR\AJ
 Sample : Q3289-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VNJ-240

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 03:21:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.544	2.874	59288713	491.9E6	18.240m	17.920m
28)	SA Decachlor...	9.065	8.060	77876649	408.0E6	16.140	12.587m
Target Compounds							
8)	B Heptachlo...	5.682	4.864	23701430	141.6E6	4.147m	3.840
10)	B gamma-Chl...	5.940	5.117	66843351	378.9E6	11.702	9.645
11)	B alpha-Chl...	6.023	5.181	169.5E6	632.2E6	29.414m	16.784 #
12)	B 4,4'-DDE	6.188	5.366	6087510	62987128	1.169	1.645 #
13)	MA Dieldrin	6.341	5.504	60606757	511.8E6	10.513	13.141
17)	MA 4,4'-DDT	7.013	6.175	20007687	229.3E6	4.494m	6.670 #

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

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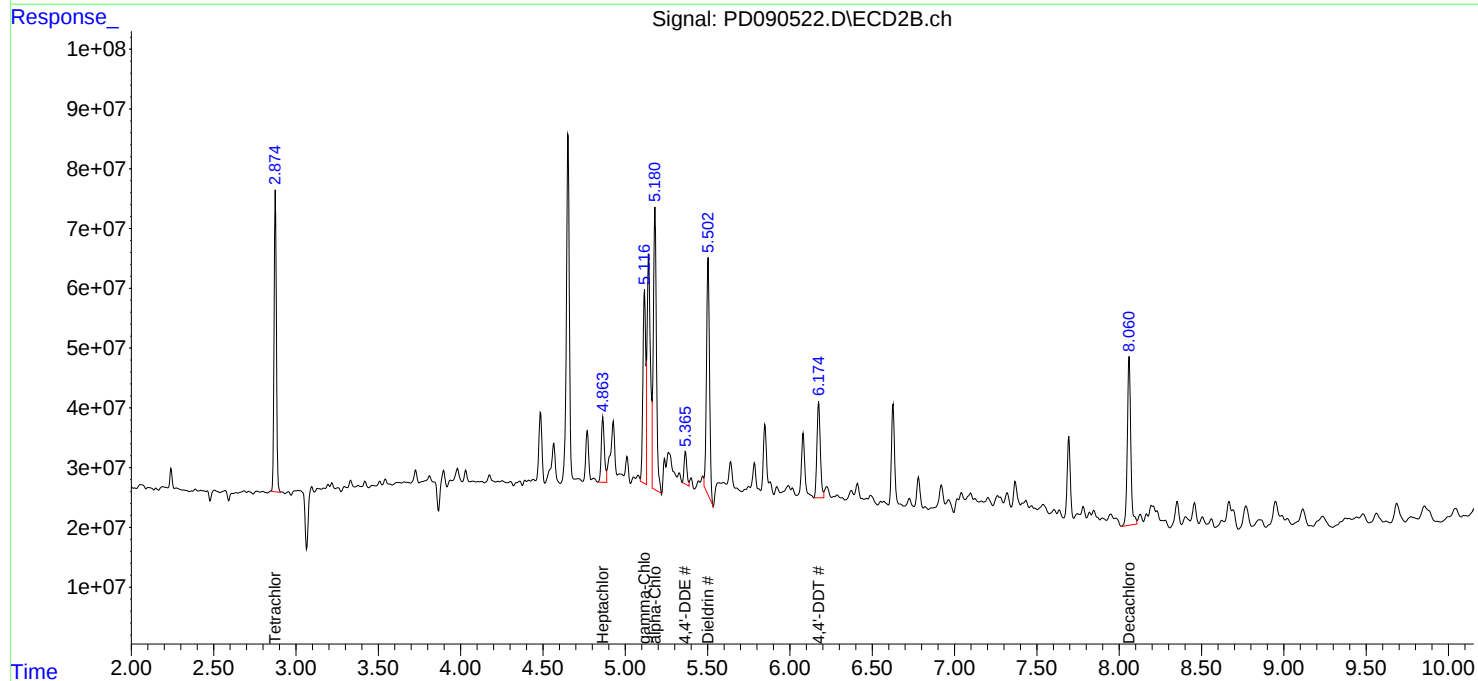
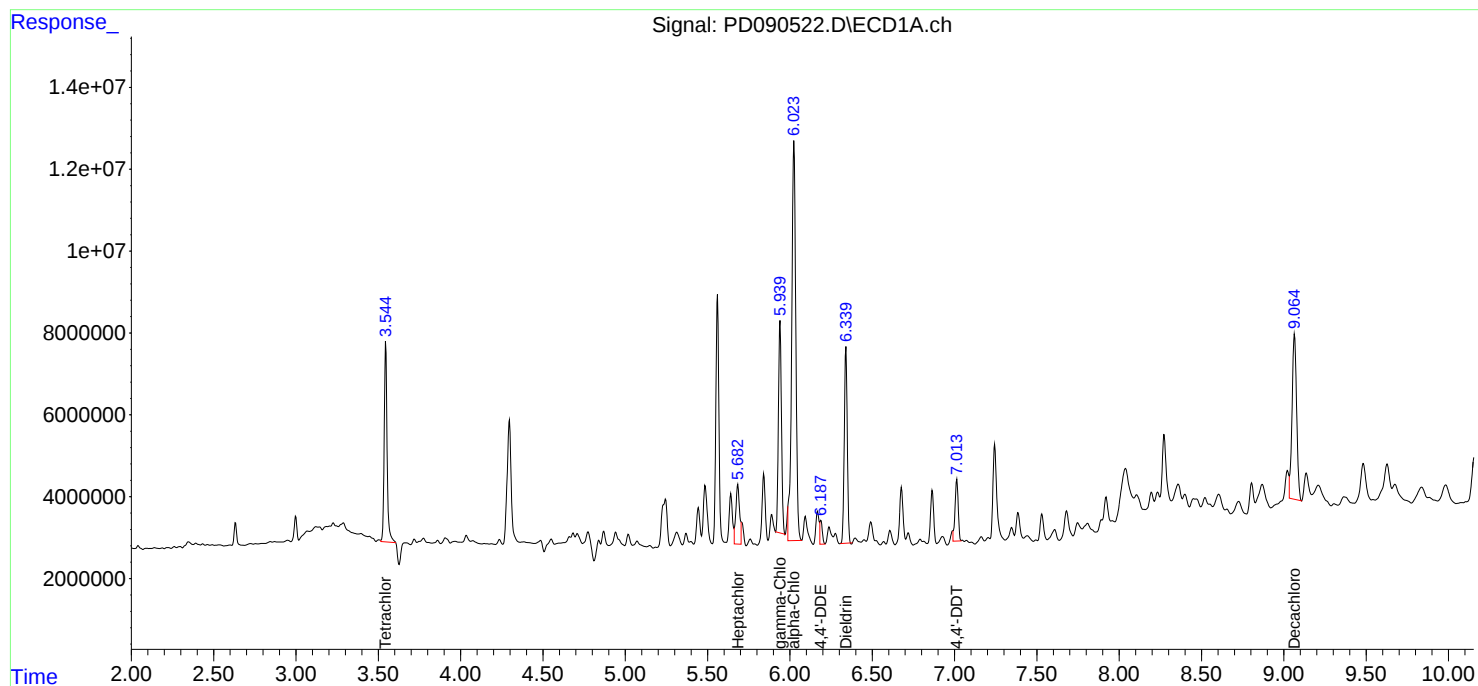
Instrument :
ECD_D
ClientSampleId :
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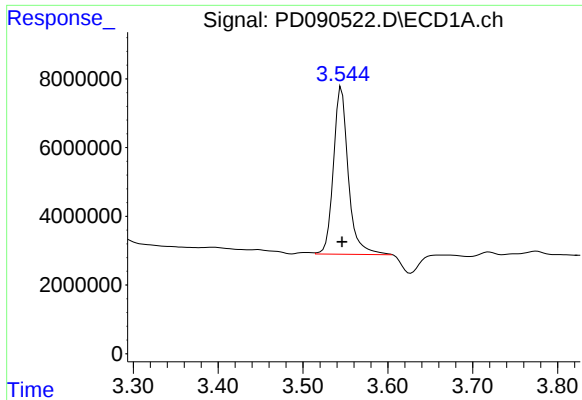
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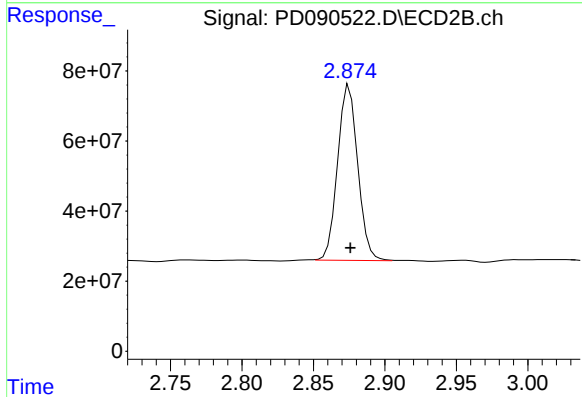
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.002 min
Response: 59288713
Conc: 18.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-240

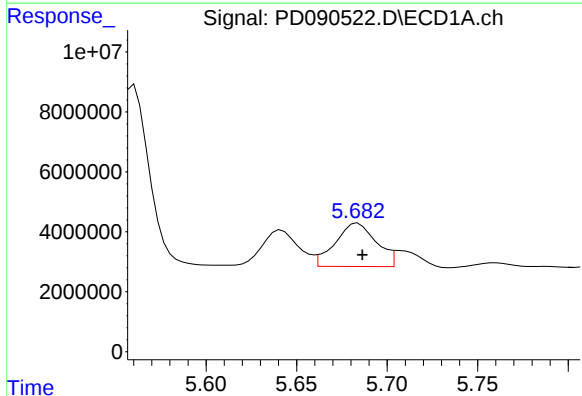
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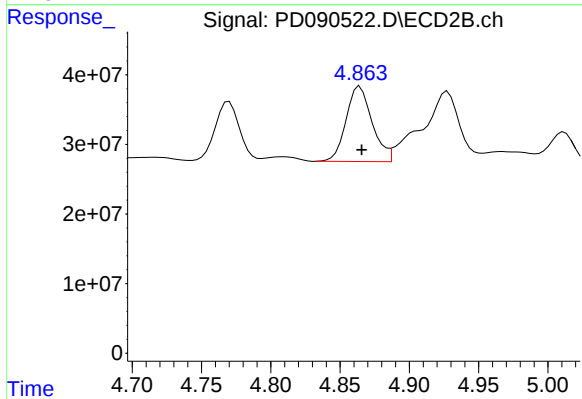
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: -0.002 min
Response: 491911586
Conc: 17.92 ng/ml m



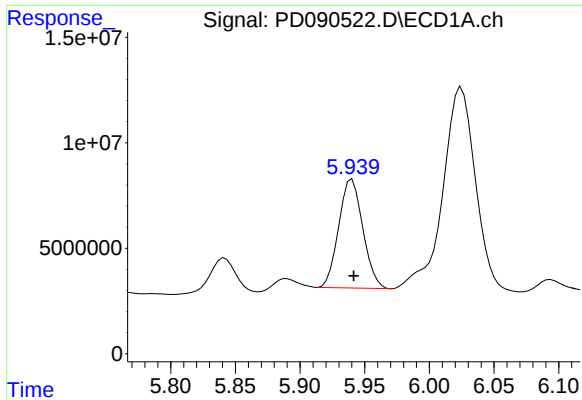
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 23701430
Conc: 4.15 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: -0.001 min
Response: 141550625
Conc: 3.84 ng/ml



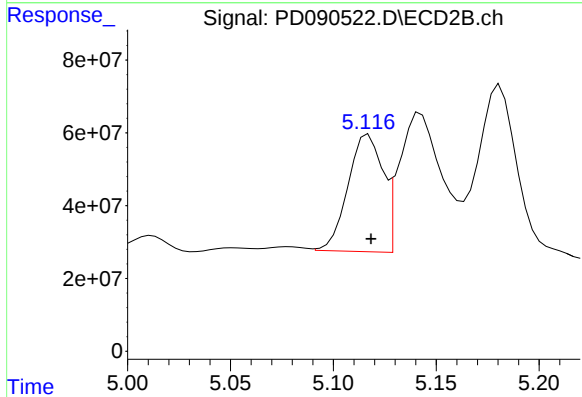
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 66843351
Conc: 11.70 ng/ml

Instrument :
ECD_D
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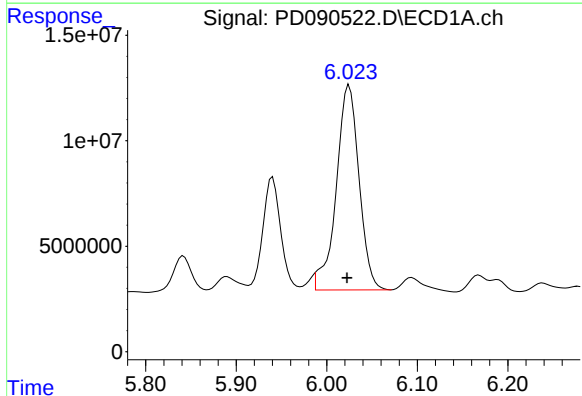
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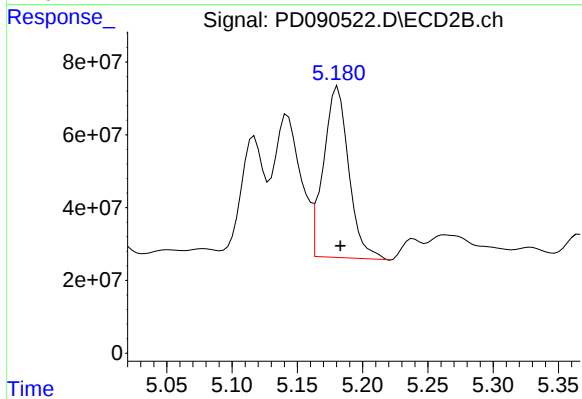
#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 378899492
Conc: 9.64 ng/ml



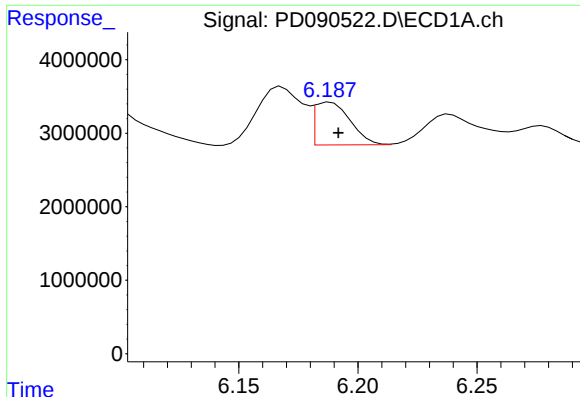
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.001 min
Response: 169451819
Conc: 29.41 ng/ml m



#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: -0.002 min
Response: 632170807
Conc: 16.78 ng/ml



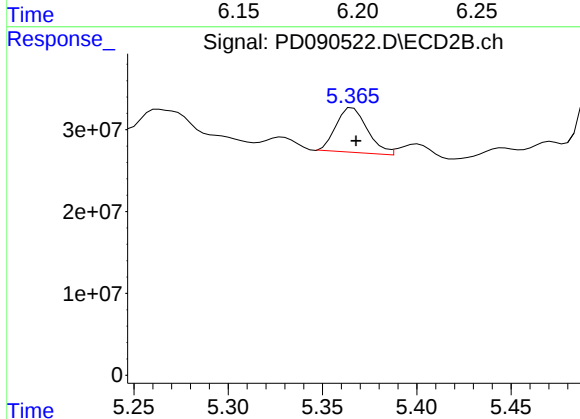
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.004 min
Response: 6087510
Conc: 1.17 ng/ml

Instrument :
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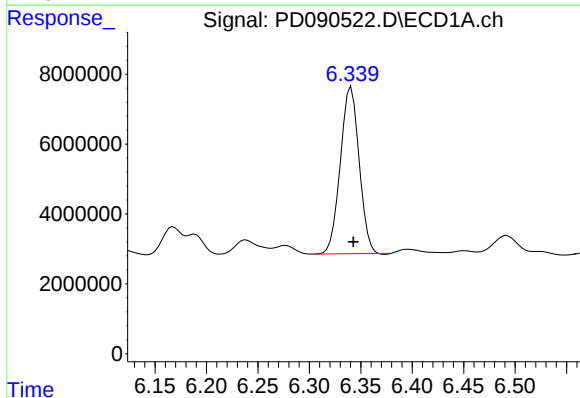
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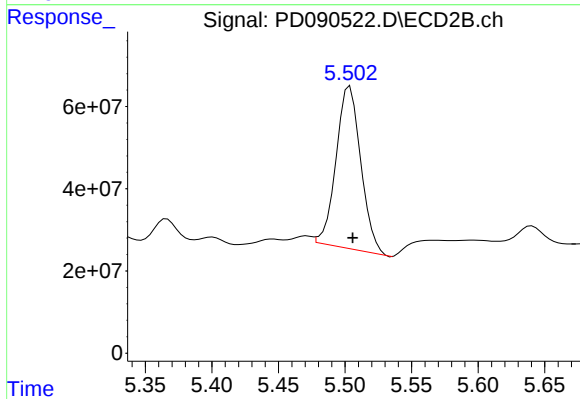
#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 62987128
Conc: 1.65 ng/ml



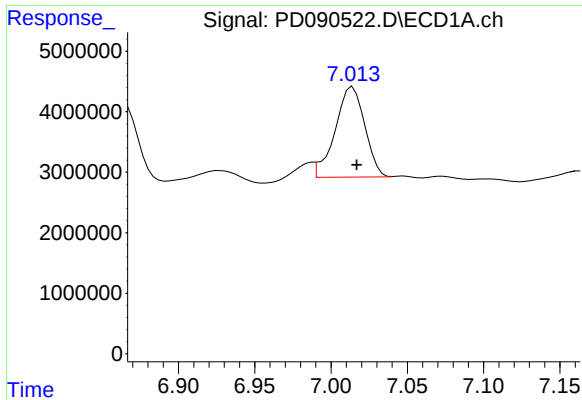
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 60606757
Conc: 10.51 ng/ml



#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 511793147
Conc: 13.14 ng/ml



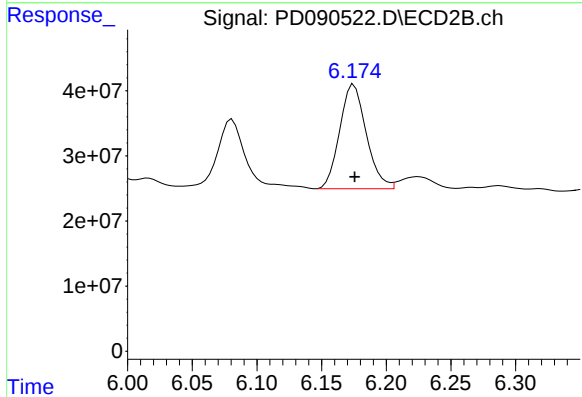
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.004 min
Response: 20007687
Conc: 4.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
VNJ-240

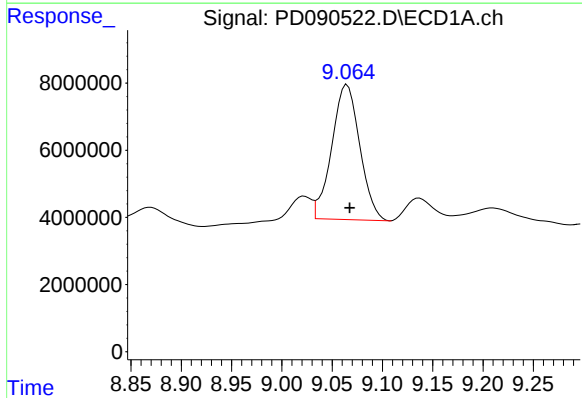
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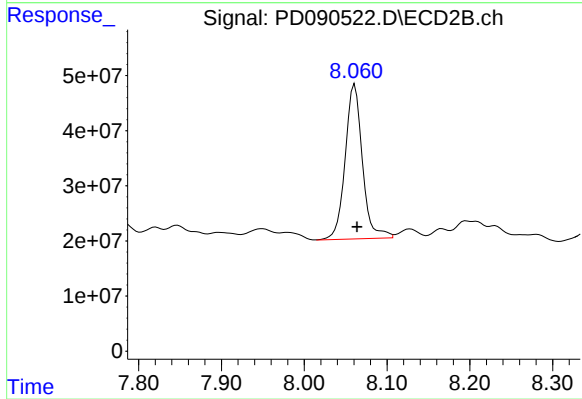
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 229291160
Conc: 6.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 77876649
Conc: 16.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 408019996
Conc: 12.59 ng/ml m