

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082925\
 Data File : PD090084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 13:12
 Operator : AR\AJ
 Sample : Q2973-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OK-01-082825

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/02/2025
 Supervised By : mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 23:19:20 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...	3.548	2.877	35142840	275.9E6	11.974	12.511
28)	SA Decachlor...	9.071	8.065	55375124	176.3E6	12.830	6.810 #
Target Compounds							
8)	B Heptachlo...	5.685	4.866	3825351	30895420	0.780m	1.116 #
10)	B gamma-Chl...	5.944	5.120	33898321	177.6E6	6.931	5.997
11)	B alpha-Chl...	6.027	5.184	62285913	259.8E6	12.654	9.104 #
12)	B 4,4'-DDE	6.186	5.370	3644414	19303043	0.830	0.670
13)	MA Dieldrin	6.345	5.505	1972199	19636061	0.403	0.670m#
17)	MA 4,4'-DDT	7.019	6.176	1829948	16858540	0.480	0.672 #

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

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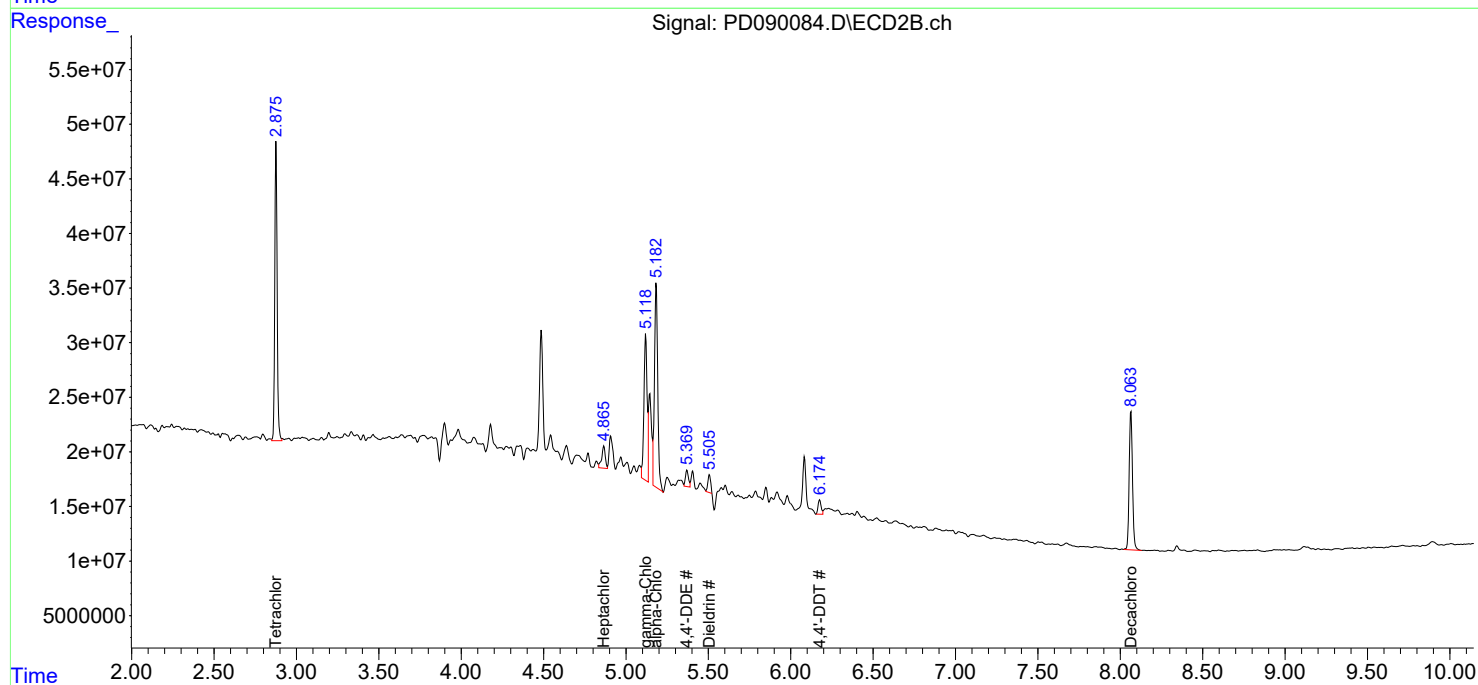
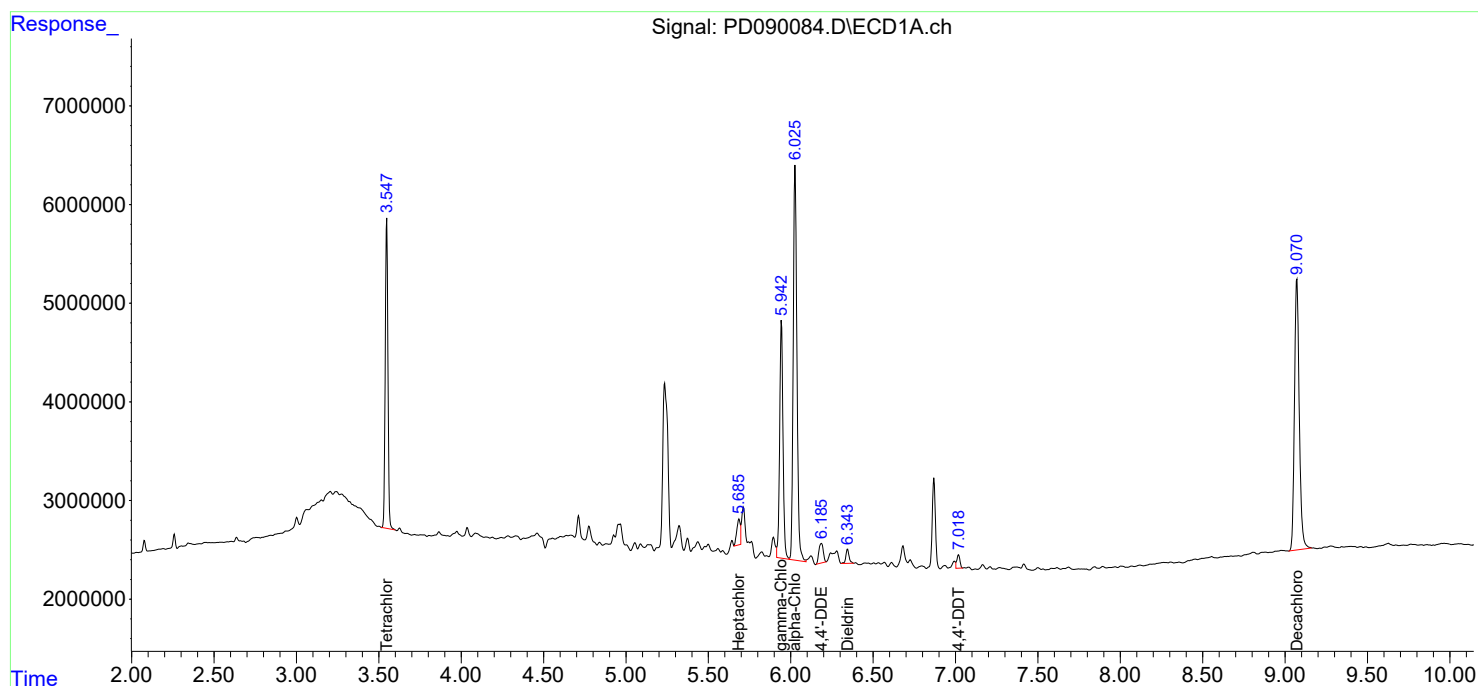
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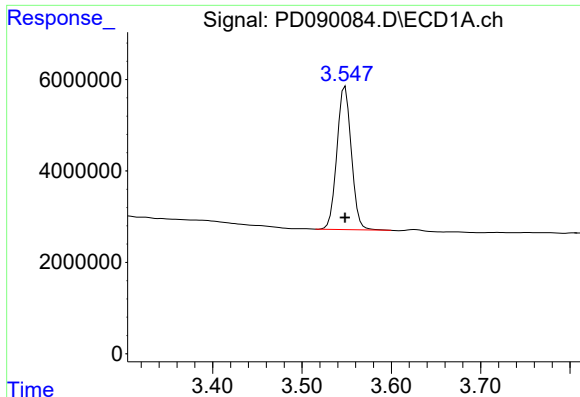
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#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 35142840
Conc: 11.97 ng/ml

Instrument :

ECD_D

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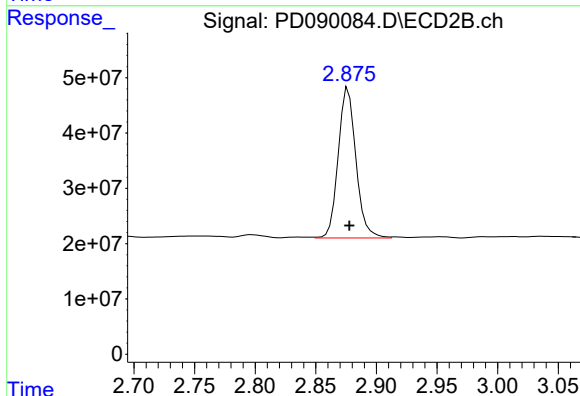
OK-01-082825

Manual Integrations

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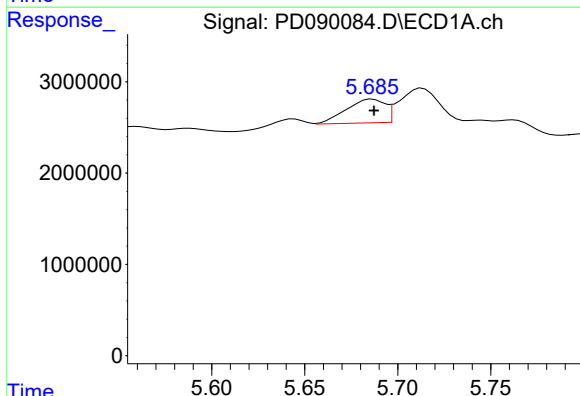
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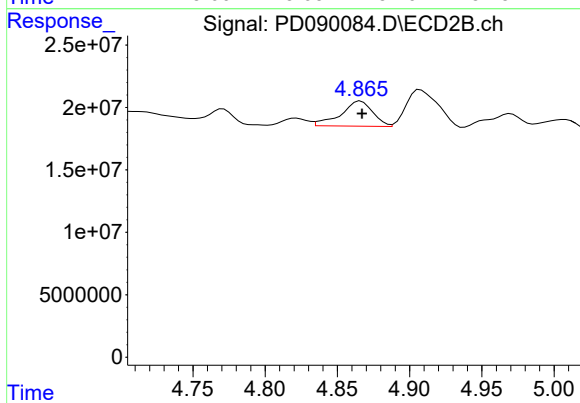
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 275880739
Conc: 12.51 ng/ml



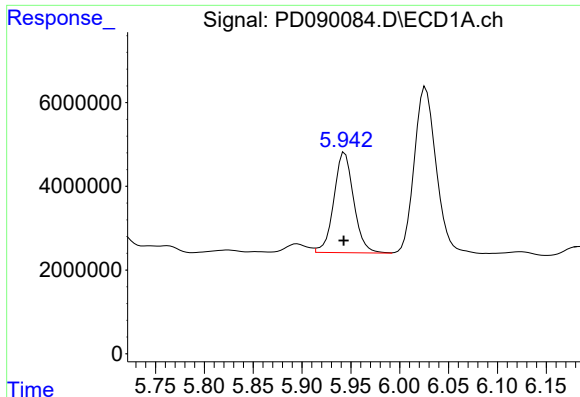
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 3825351
Conc: 0.78 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 30895420
Conc: 1.12 ng/ml



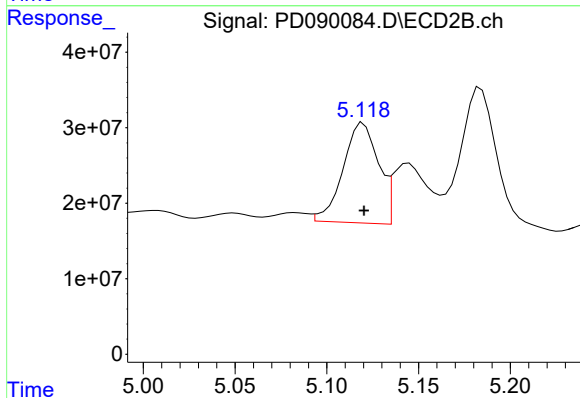
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 33898321
Conc: 6.93 ng/ml

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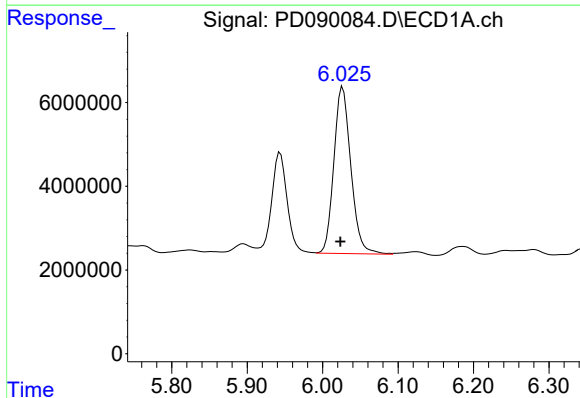
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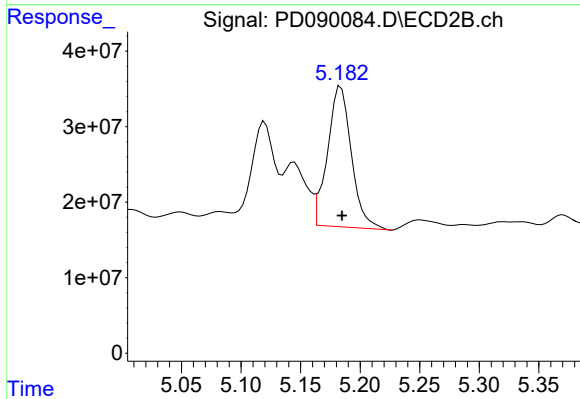
#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 177581609
Conc: 6.00 ng/ml



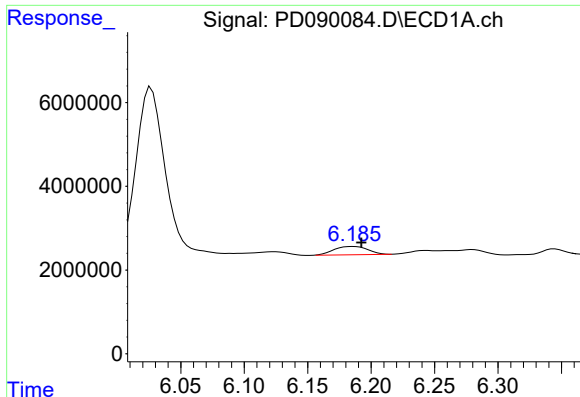
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.003 min
Response: 62285913
Conc: 12.65 ng/ml



#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 259802760
Conc: 9.10 ng/ml



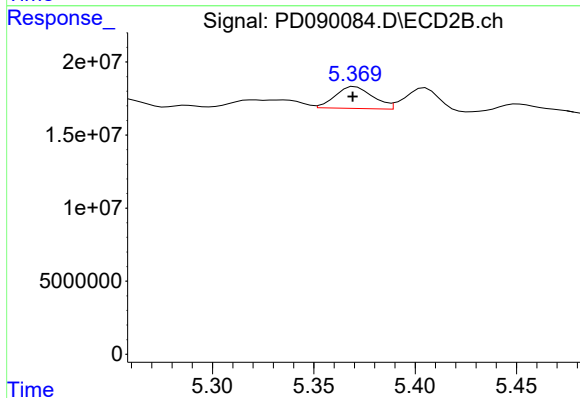
#12 4,4'-DDE

R.T.: 6.186 min
Delta R.T.: -0.006 min
Response: 3644414
Conc: 0.83 ng/ml

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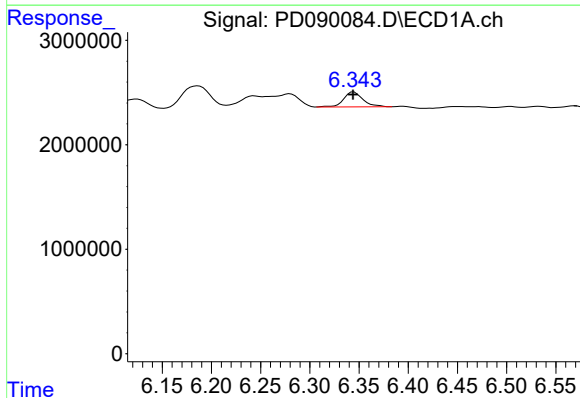
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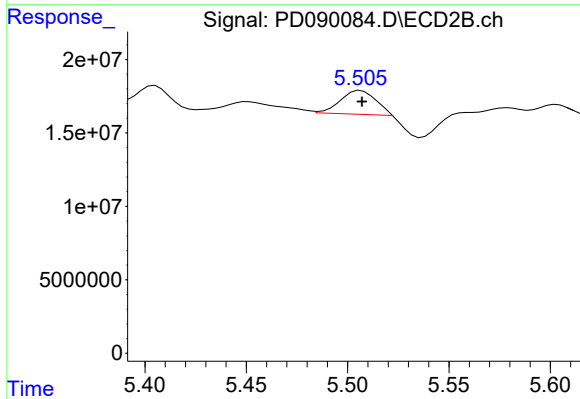
#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 19303043
Conc: 0.67 ng/ml



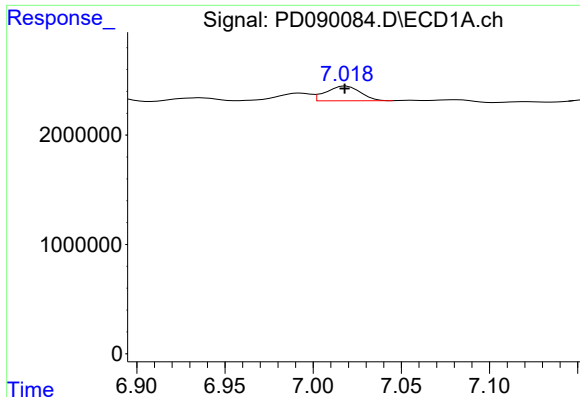
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 1972199
Conc: 0.40 ng/ml



#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 19636061
Conc: 0.67 ng/ml m



#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 1829948
Conc: 0.48 ng/ml

Instrument :

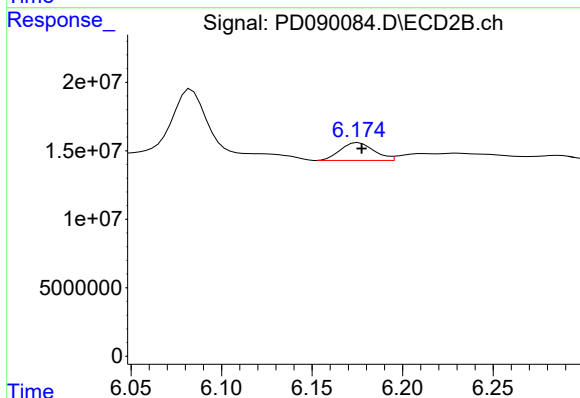
ECD_D

ClientSampleId :

OK-01-082825

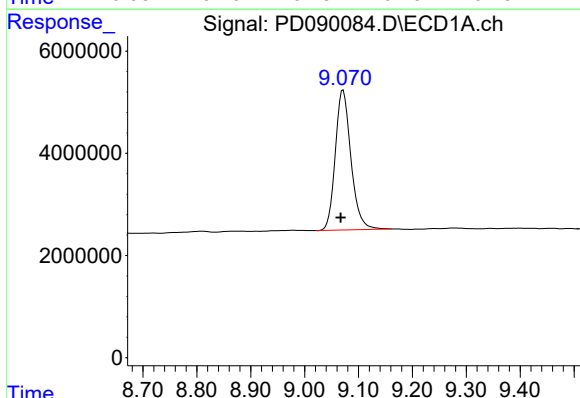
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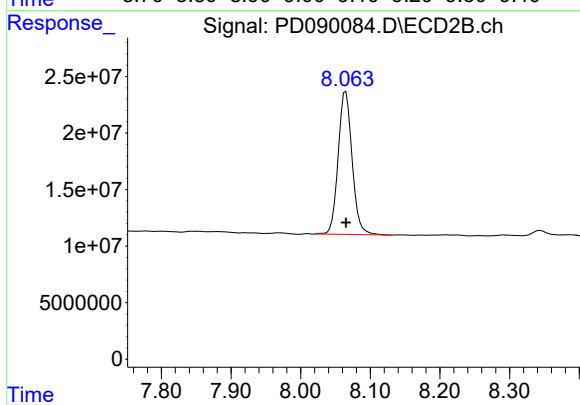
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 16858540
Conc: 0.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 55375124
Conc: 12.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 176294061
Conc: 6.81 ng/ml