

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
 Data File : PD089796.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 12:34
 Operator : AR\AJ
 Sample : Q2784-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EO-01-080625

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/08/2025
 Supervised By : mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 23:15:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.876	25209432	214.5E6	10.220	13.543m#
28) SA Decachlor...	9.065	8.065	49792300	170.3E6	13.399m	8.480 #
Target Compounds						
4) MA Heptachlor	4.925	4.077	2012677	10825046	0.418	0.466m
10) B gamma-Chl...	5.942	5.119	18647291	74053999	4.462	3.420m
11) B alpha-Chl...	6.024	5.183	28498138	102.3E6	6.779m	4.911m#
12) B 4,4'-DDE	6.191	5.368	3574576	31321132	0.958m	1.482m#
17) MA 4,4'-DDT	7.015	6.176	2488357	24158632	0.741m	1.315 #

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

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Acq On : 07 Aug 2025 12:34
Operator : AR\AJ
Sample : Q2784-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

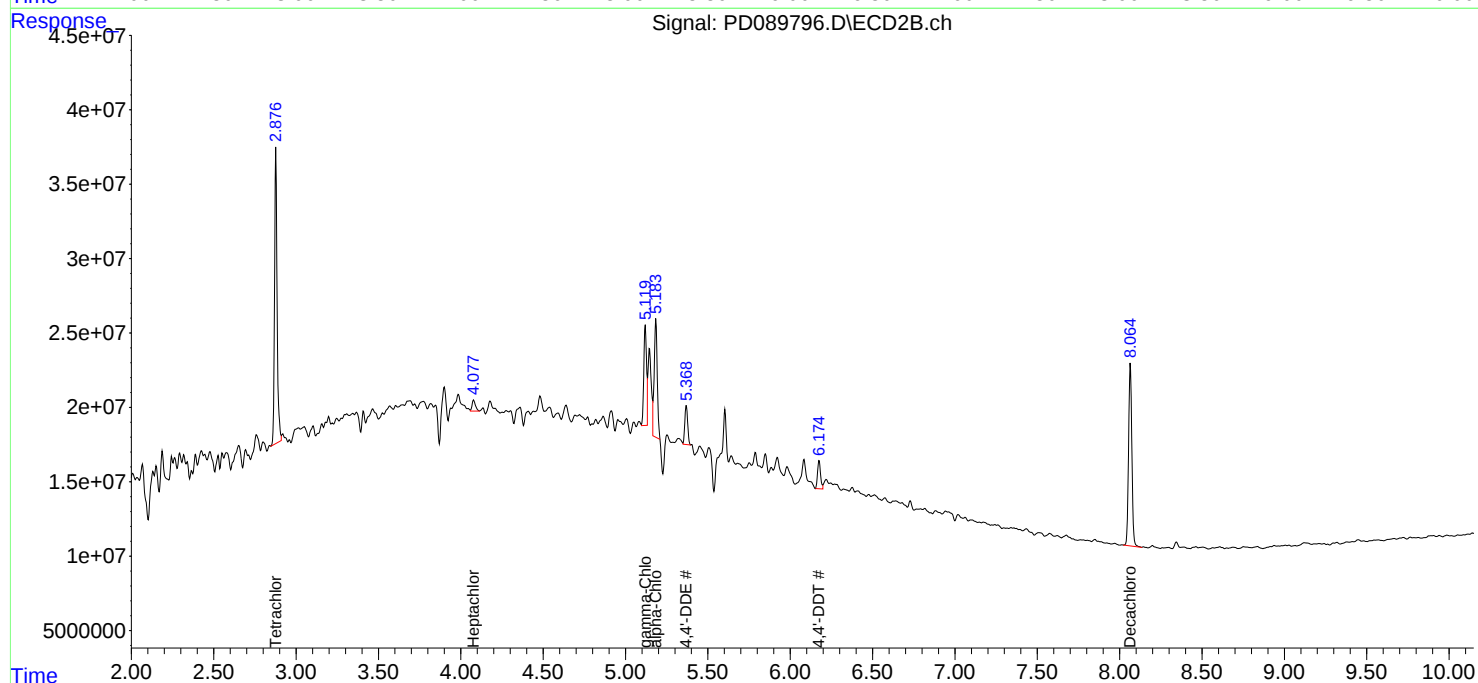
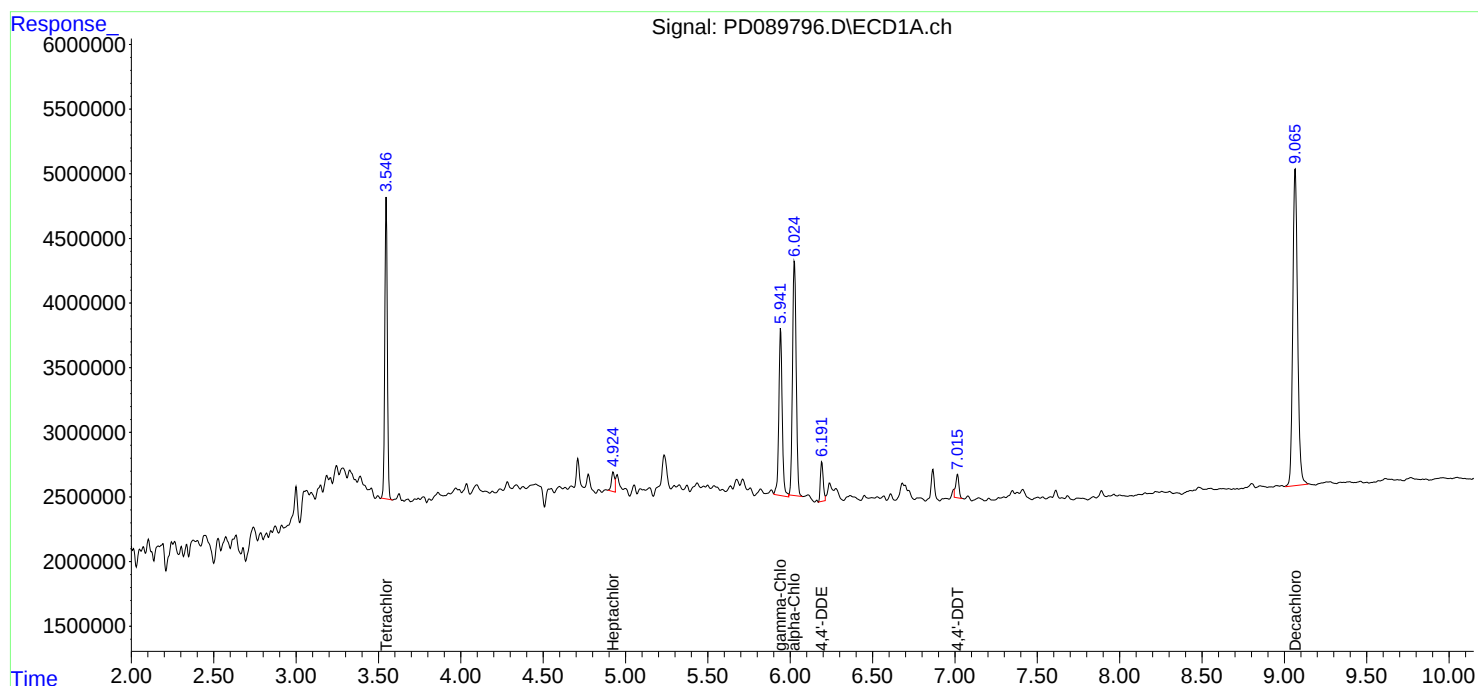
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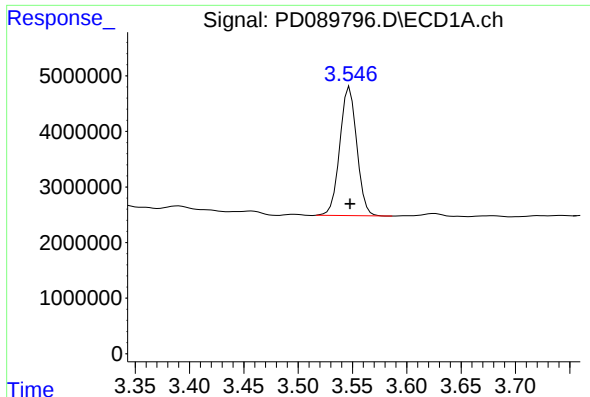
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 23:15:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response 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





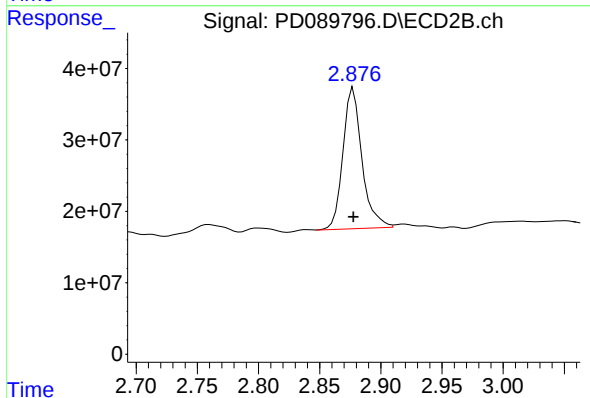
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 25209432
Conc: 10.22 ng/ml

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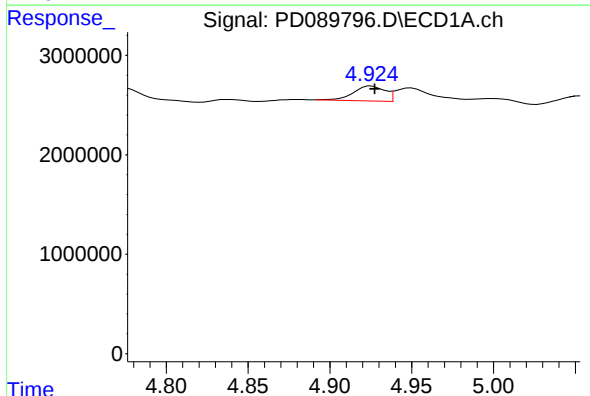
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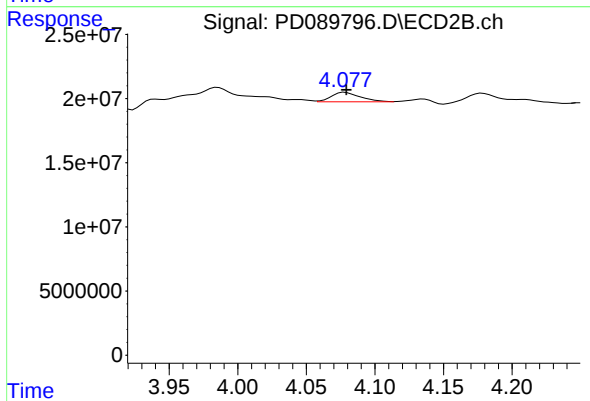
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: -0.001 min
Response: 214498267
Conc: 13.54 ng/ml m



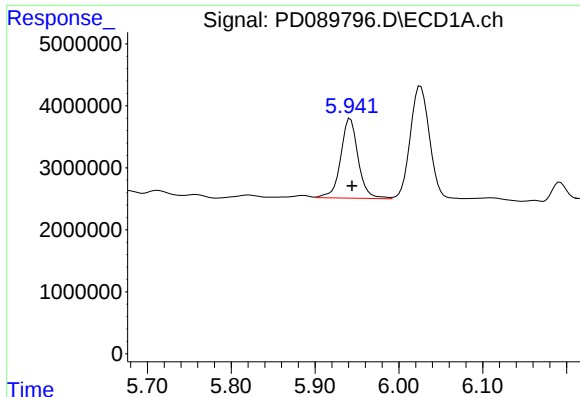
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 2012677
Conc: 0.42 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.003 min
Response: 10825046
Conc: 0.47 ng/ml m



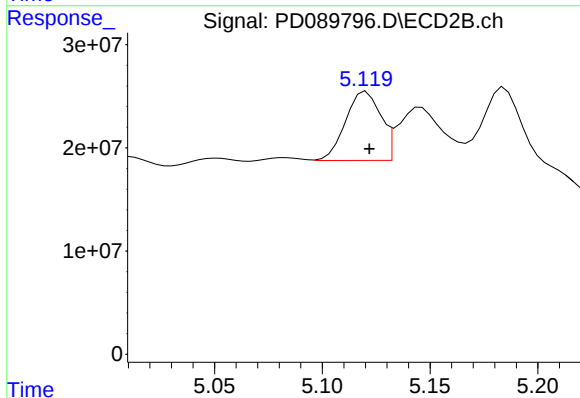
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 18647291
Conc: 4.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
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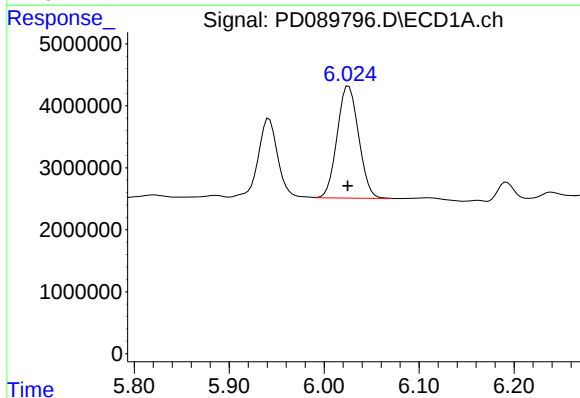
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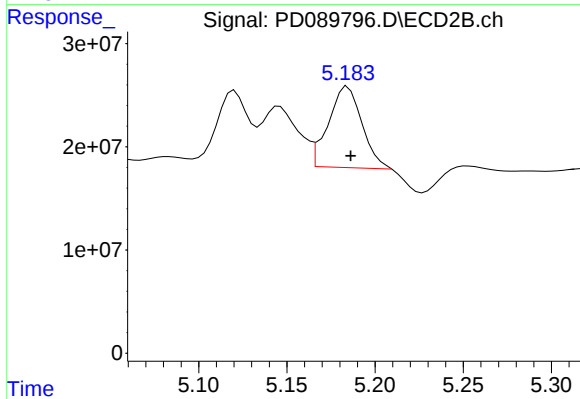
#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: -0.003 min
Response: 74053999
Conc: 3.42 ng/ml m



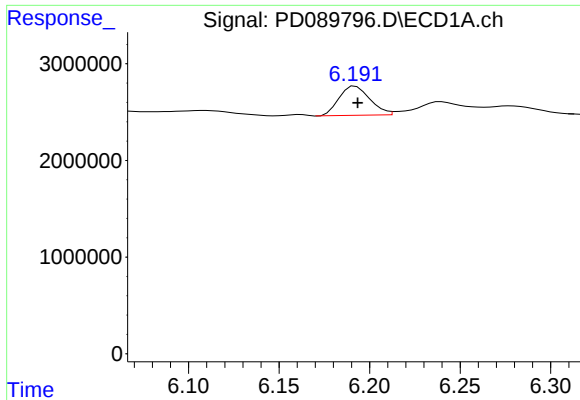
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 28498138
Conc: 6.78 ng/ml m



#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 102261872
Conc: 4.91 ng/ml m



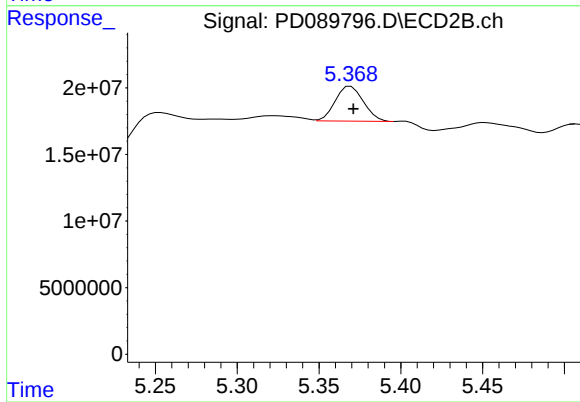
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 3574576
Conc: 0.96 ng/ml

Instrument :
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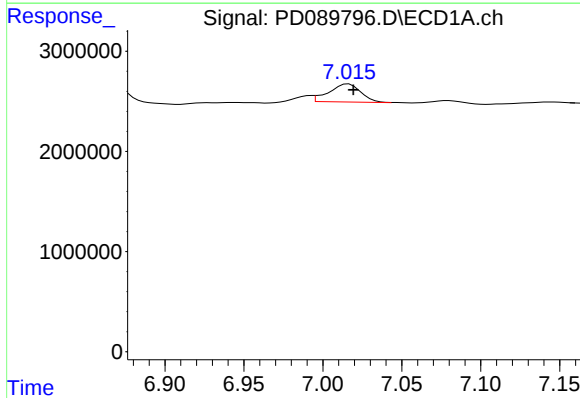
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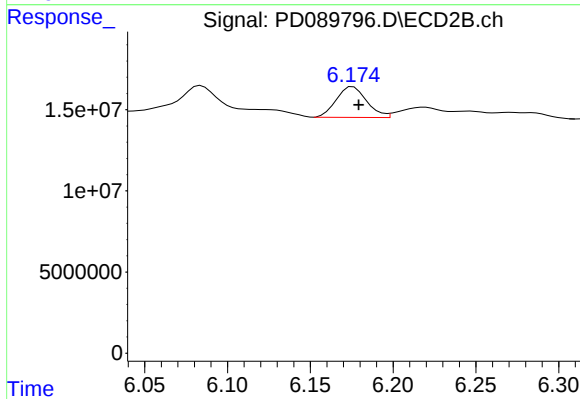
#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.003 min
Response: 31321132
Conc: 1.48 ng/ml m



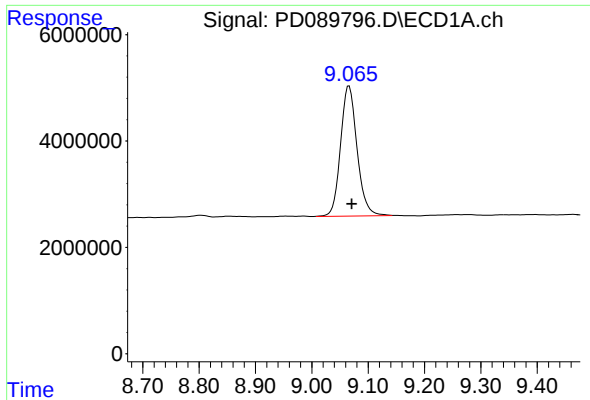
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.004 min
Response: 2488357
Conc: 0.74 ng/ml m



#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.004 min
Response: 24158632
Conc: 1.31 ng/ml



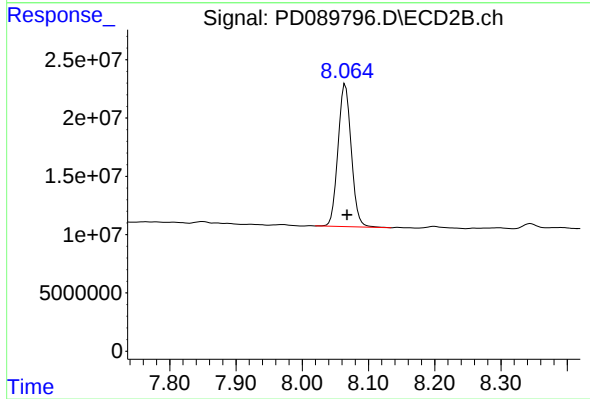
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: -0.006 min
Response: 49792300
Conc: 13.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 170267194
Conc: 8.48 ng/ml