

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070325\
 Data File : PD089314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2025 19:36
 Operator : AR\AJ
 Sample : Q2473-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PIT#2

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 01:43:04 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...	3.550	2.881	36954192	245.5E6	12.952	14.483
28)	SA Decachlor...	9.073	8.072	53376914	220.9E6	13.590	11.173
Target Compounds							
4)	MA Heptachlor	4.927	4.081	6692977	66544988	1.228m	2.658m#
5)	MB Aldrin	5.270	4.368	20116849	99414436	3.786	4.105
10)	B gamma-Chl...	5.945	5.124	29030510	112.7E6	6.063m	4.713m
11)	B alpha-Chl...	6.031	5.188	45630329	129.0E6	9.431	5.635m#
12)	B 4,4'-DDE	6.196	5.373	12911547	82914743	2.961	3.618m
17)	MA 4,4'-DDT	7.019	6.182	11238587	81275297	2.967m	4.008 #

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

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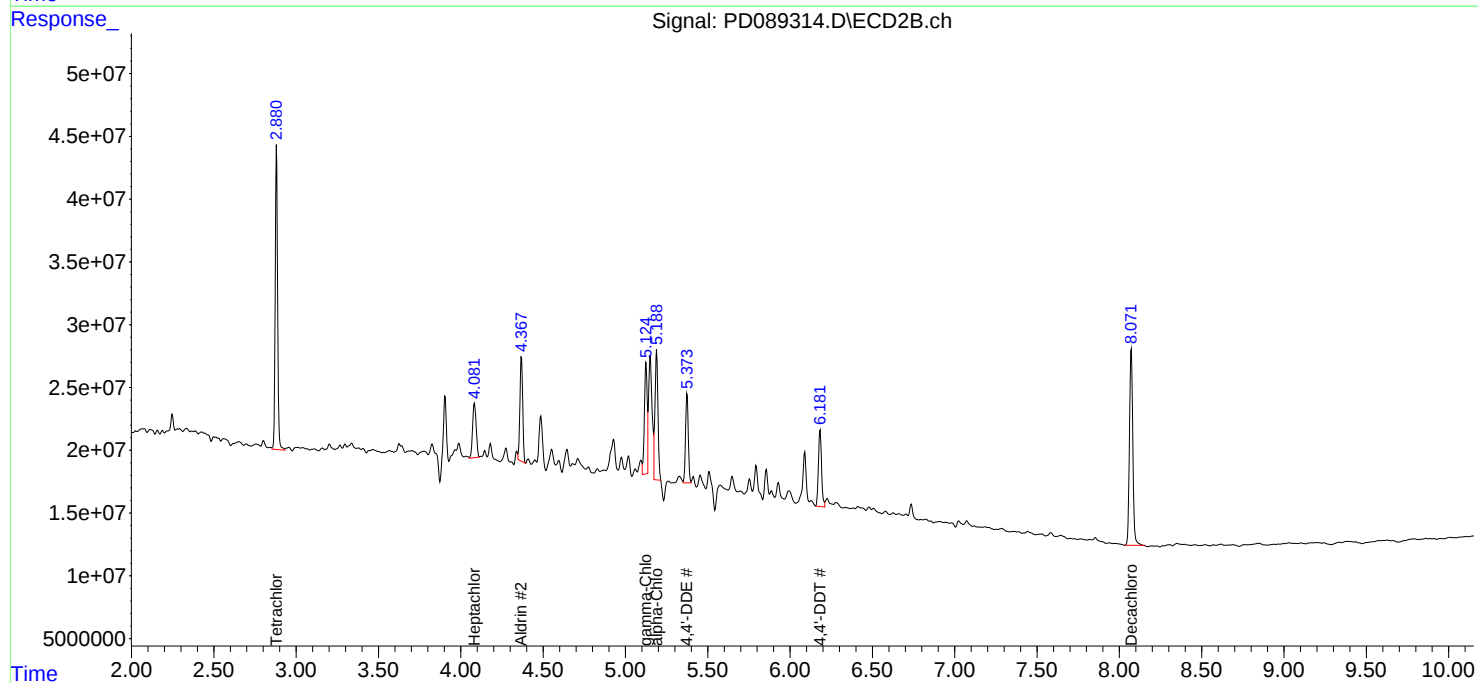
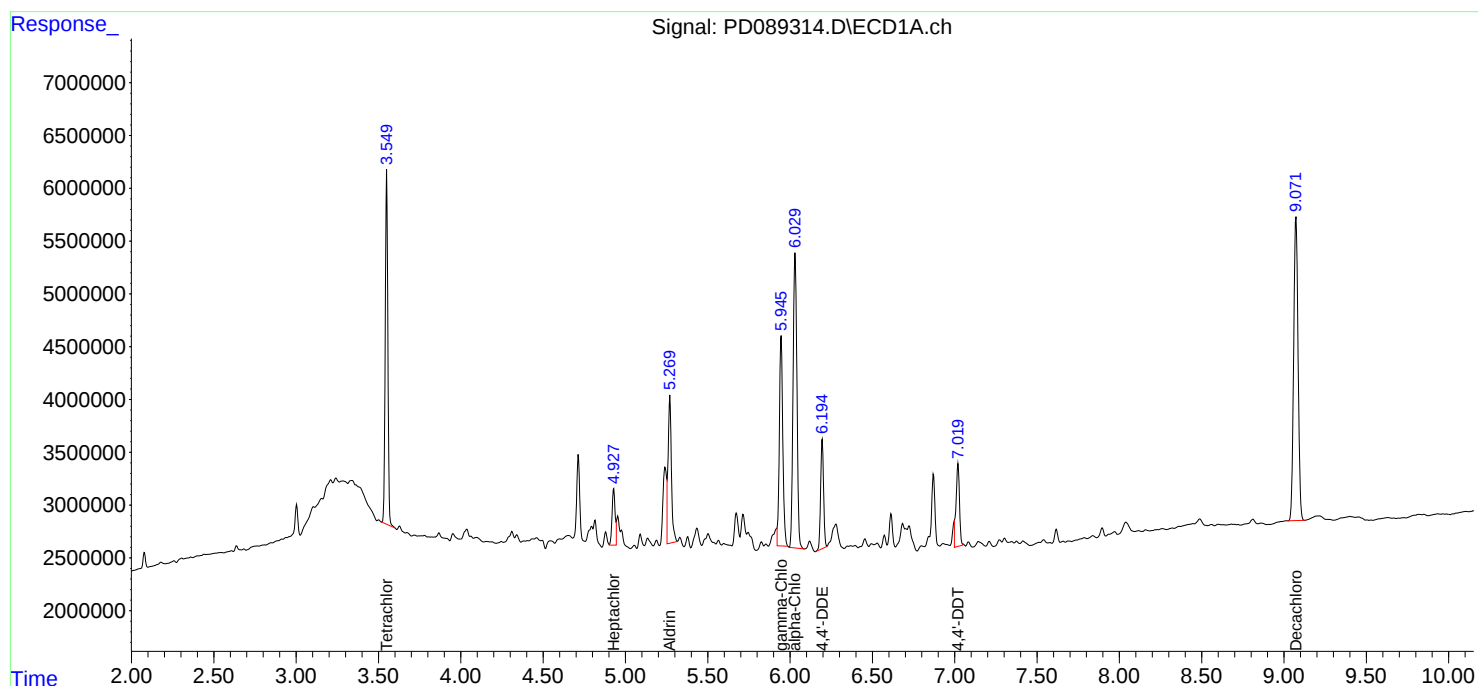
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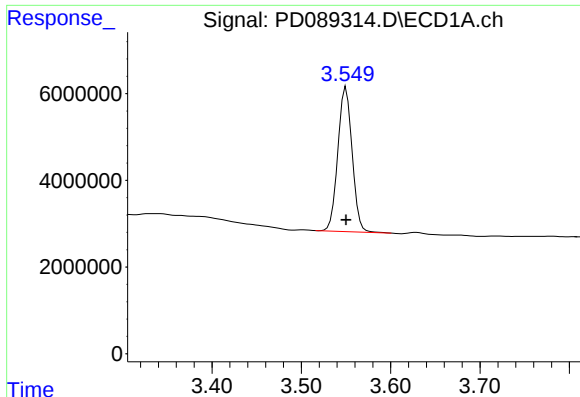
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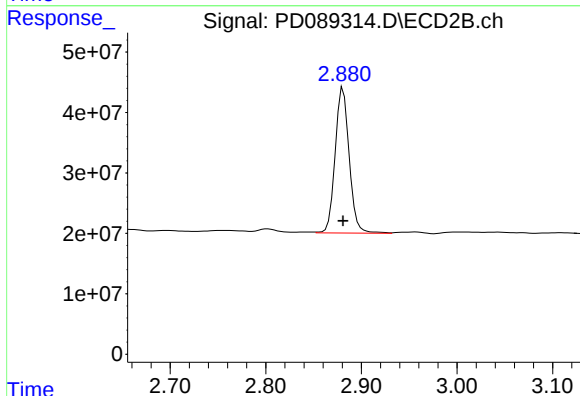
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 36954192
Conc: 12.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#2

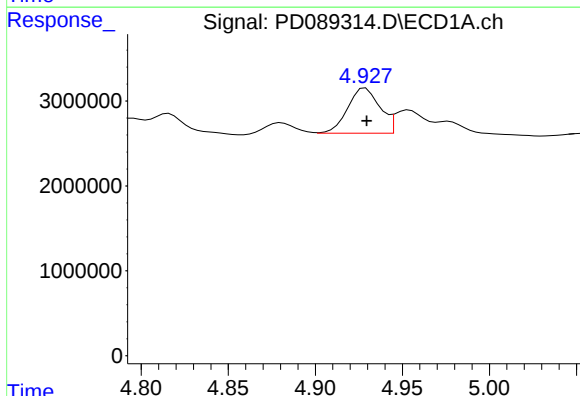
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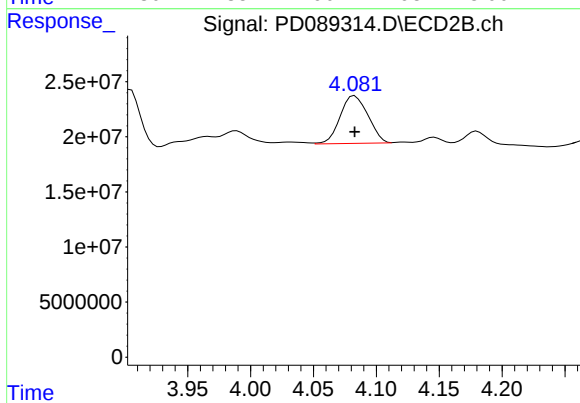
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 245534147
Conc: 14.48 ng/ml



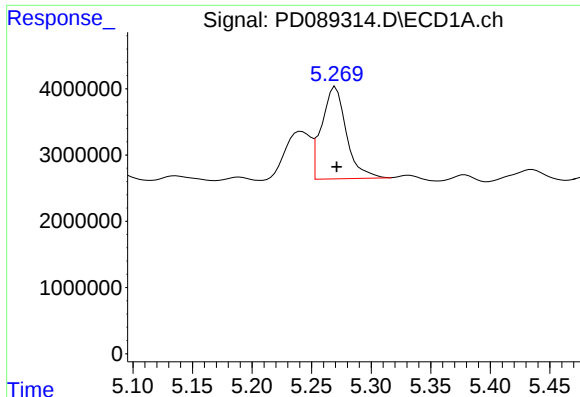
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 6692977
Conc: 1.23 ng/ml m



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 66544988
Conc: 2.66 ng/ml m



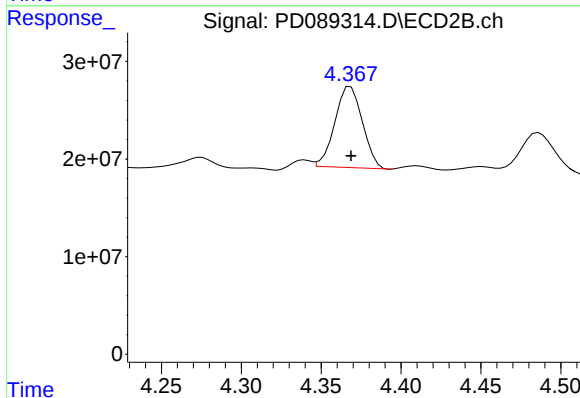
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 20116849
Conc: 3.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
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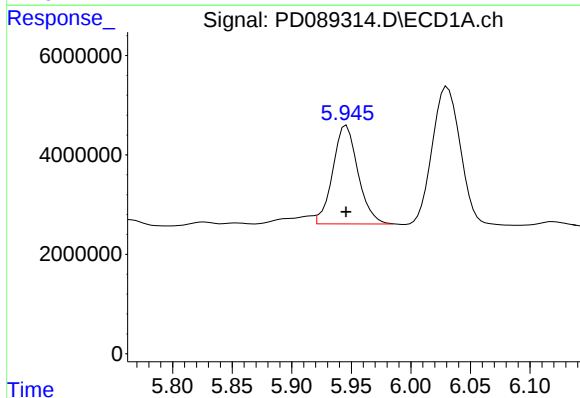
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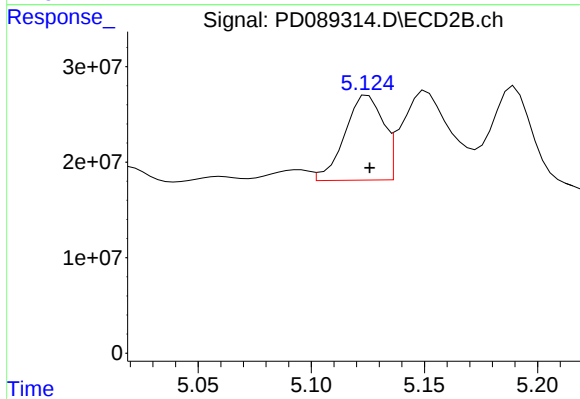
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 99414436
Conc: 4.11 ng/ml



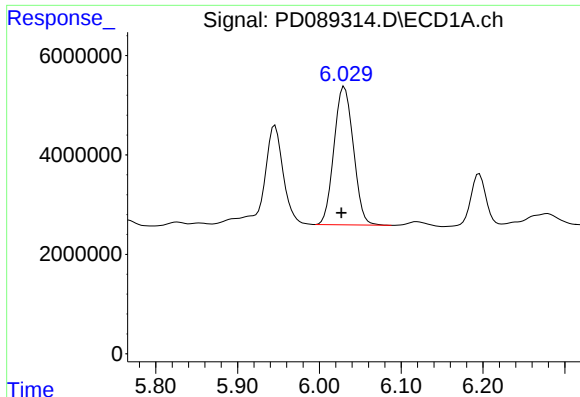
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 29030510
Conc: 6.06 ng/ml m



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 112745794
Conc: 4.71 ng/ml m



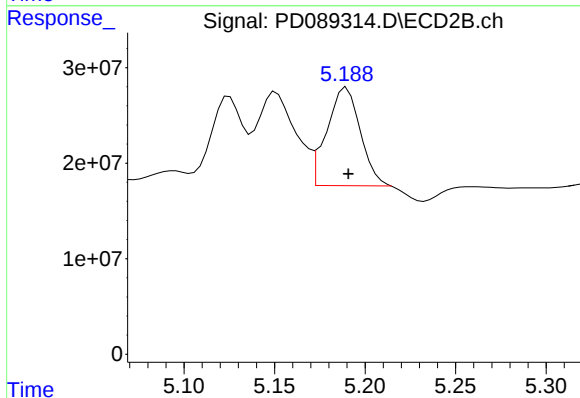
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 45630329
Conc: 9.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
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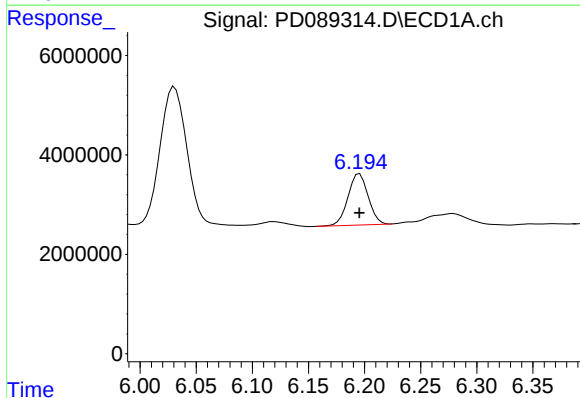
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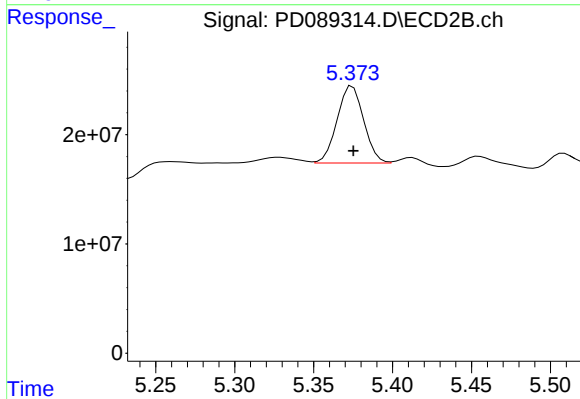
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 129016444
Conc: 5.63 ng/ml m



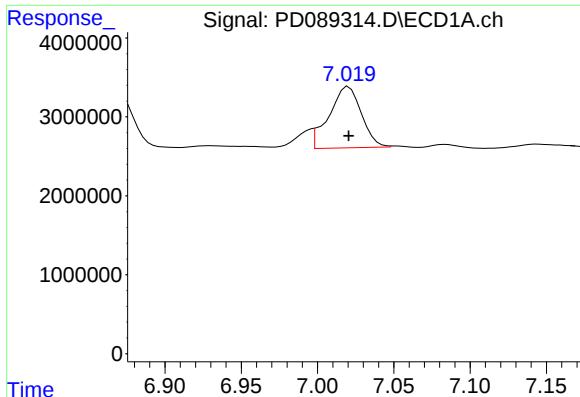
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 12911547
Conc: 2.96 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.002 min
Response: 82914743
Conc: 3.62 ng/ml m



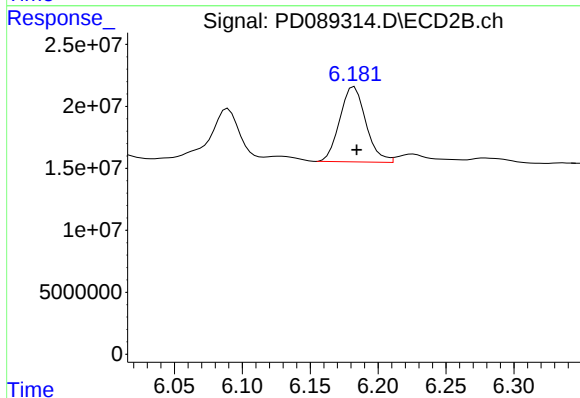
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.001 min
Response: 11238587
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PIT#2

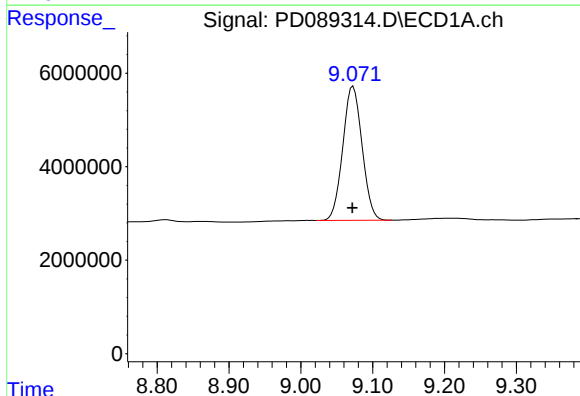
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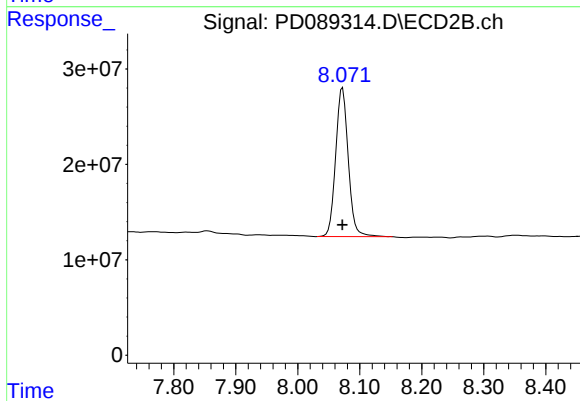
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 81275297
Conc: 4.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.000 min
Response: 53376914
Conc: 13.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 220889758
Conc: 11.17 ng/ml