

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
 Data File : PD088869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 15:30
 Operator : AR\AJ
 Sample : Q2241-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TP-S

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/11/2025
 Supervised By : mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 15:39:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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 x 0.5 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	2.880	50039208	302.0E6	23.126	19.967
28) SA Decachlor...	9.073	8.072	62003173	291.8E6	18.117	15.984
Target Compounds						
10) B gamma-Chl...	5.943	5.124	2973843	17269196	0.746	0.810m
11) B alpha-Chl...	6.027	5.188	5551733	17973221	1.386	0.871m#
12) B 4,4'-DDE	6.194	5.373	50346839	306.0E6	14.027	14.641m
16) A 4,4'-DDD	6.701	5.929	2297578	13614430	0.825m	0.783m
17) MA 4,4'-DDT	7.020	6.183	25393236	147.6E6	8.134	8.137

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

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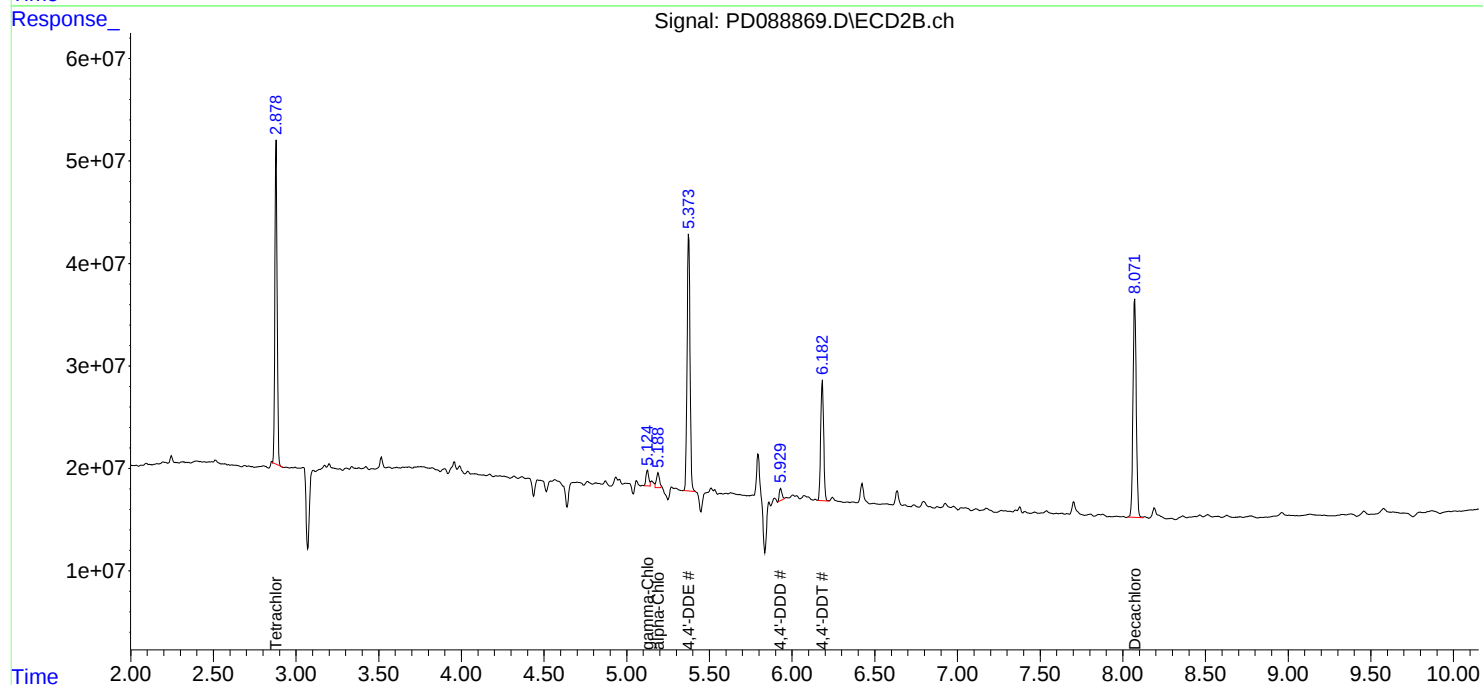
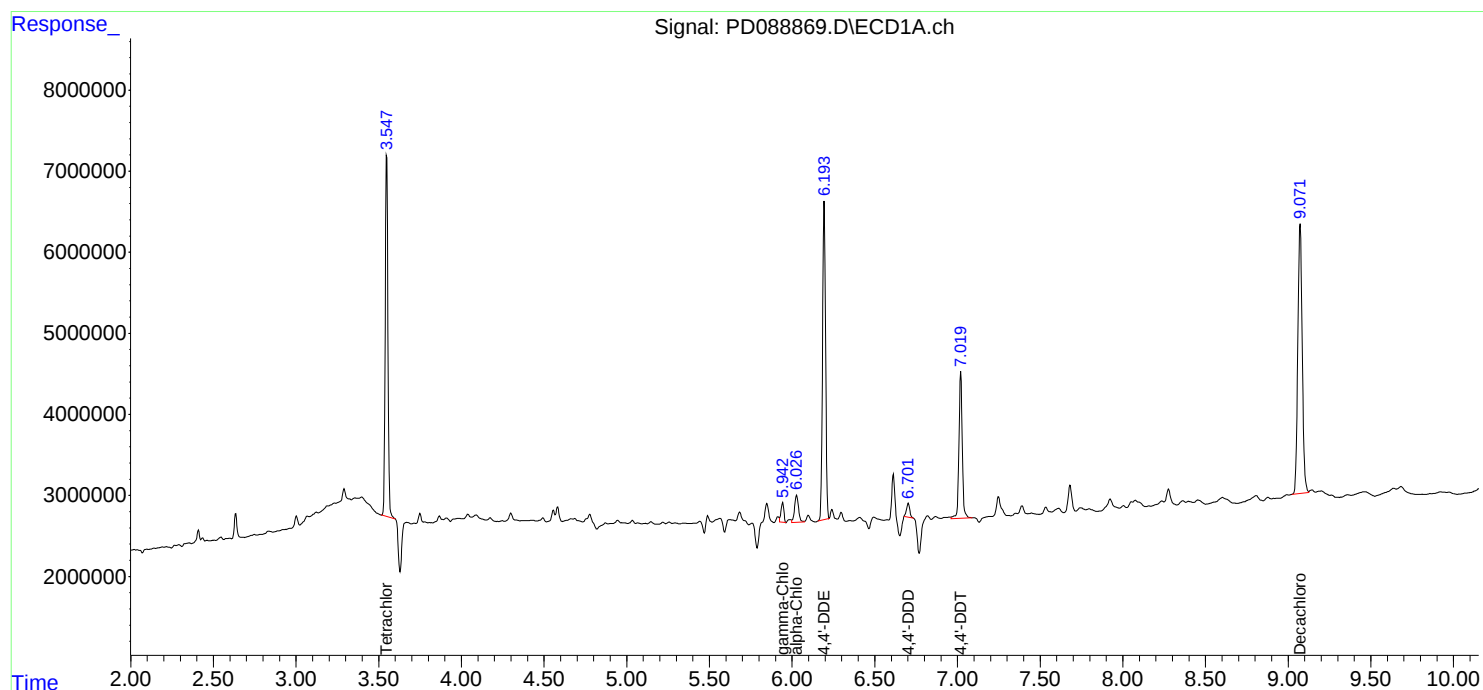
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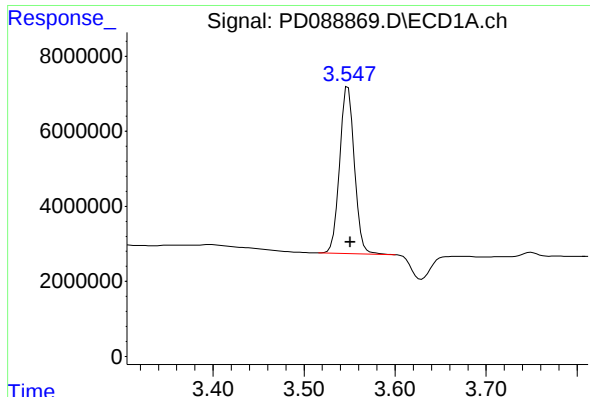
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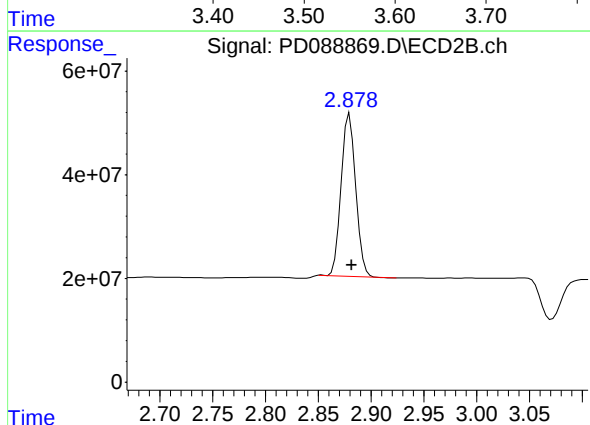
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 50039208
Conc: 23.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-S

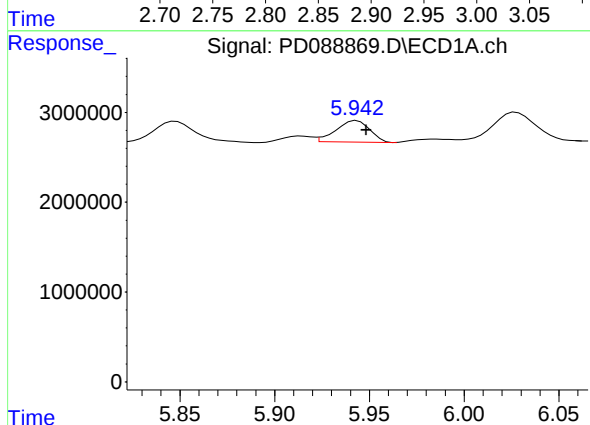
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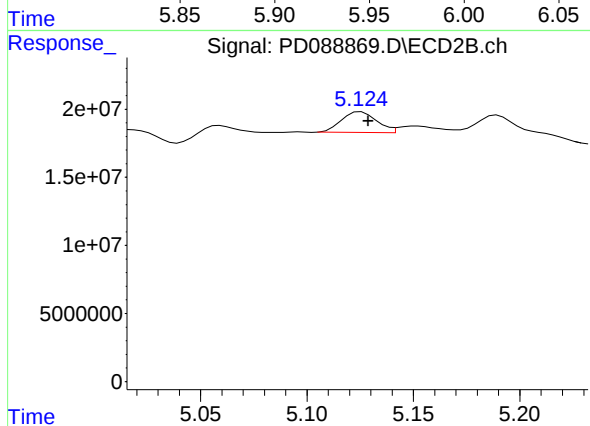
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 302037550
Conc: 19.97 ng/ml



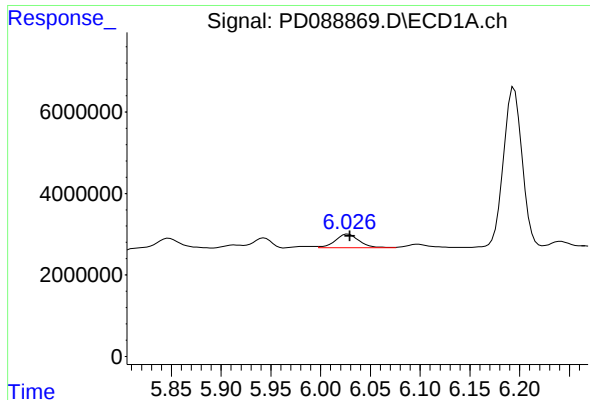
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.005 min
Response: 2973843
Conc: 0.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 17269196
Conc: 0.81 ng/ml m



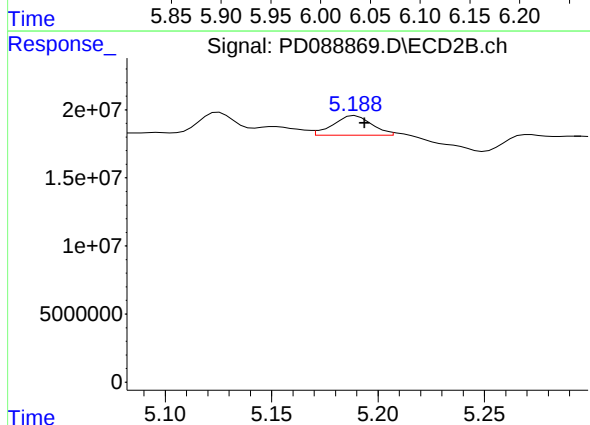
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 5551733
Conc: 1.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-S

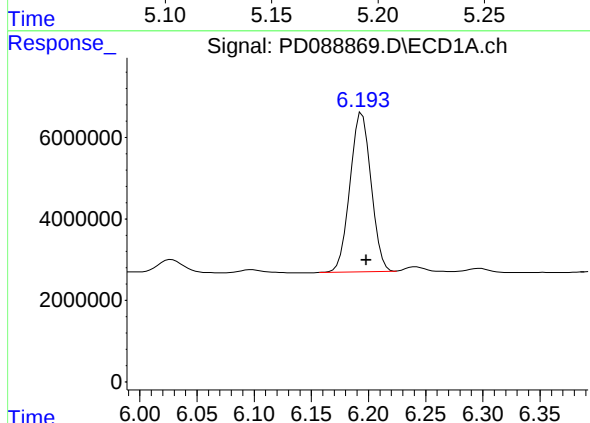
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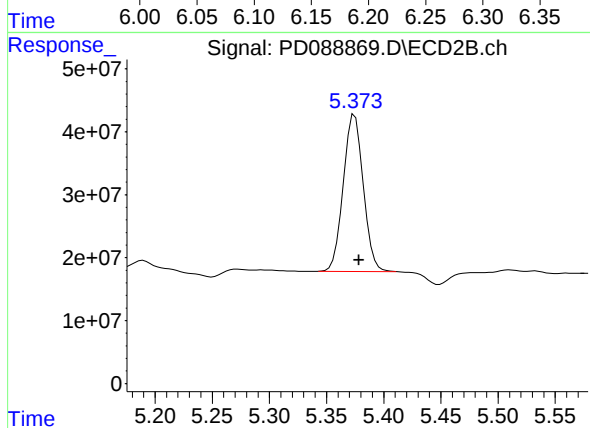
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.006 min
Response: 17973221
Conc: 0.87 ng/ml m



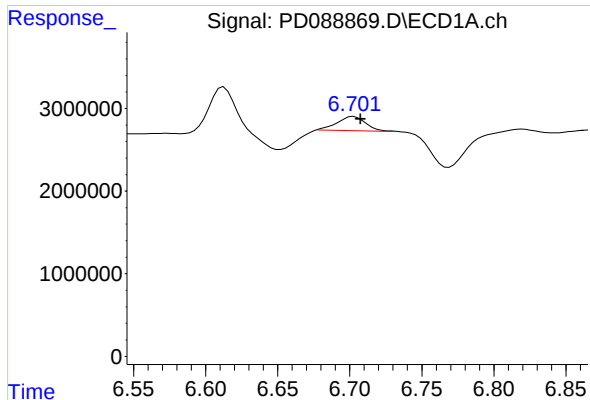
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.004 min
Response: 50346839
Conc: 14.03 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: -0.005 min
Response: 306034274
Conc: 14.64 ng/ml m



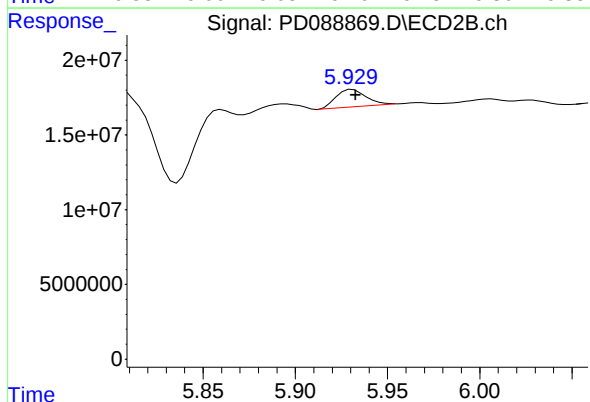
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.006 min
Response: 2297578
Conc: 0.82 ng/ml

Instrument :
ECD_D
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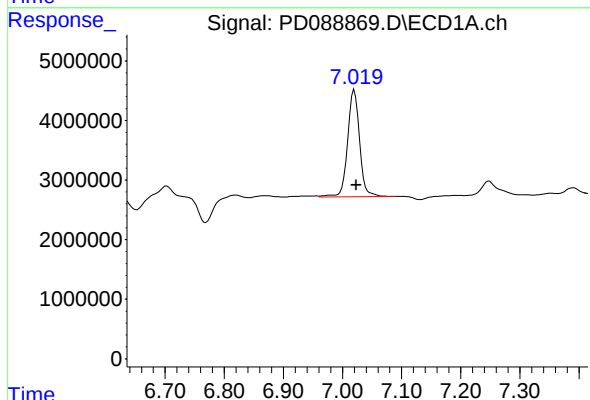
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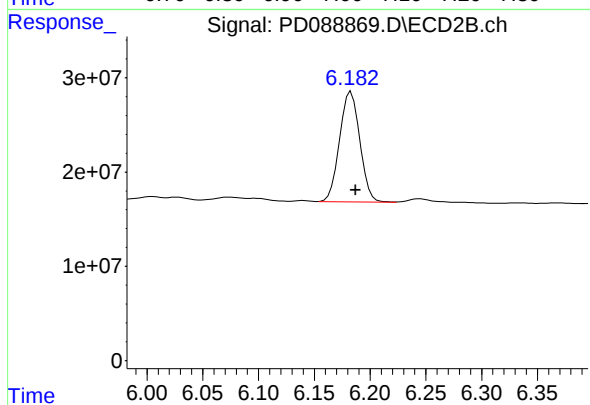
#16 4,4'-DDD

R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 13614430
Conc: 0.78 ng/ml m



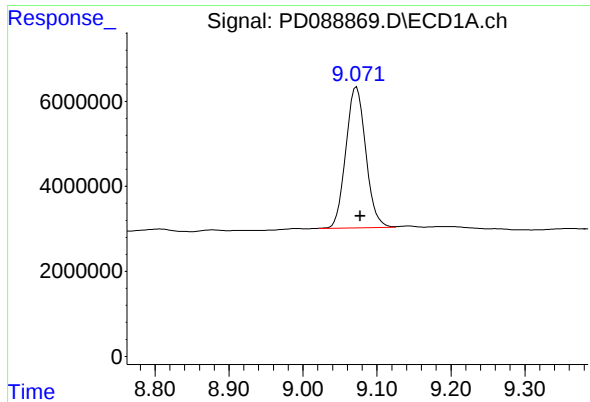
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 25393236
Conc: 8.13 ng/ml



#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 147583064
Conc: 8.14 ng/ml



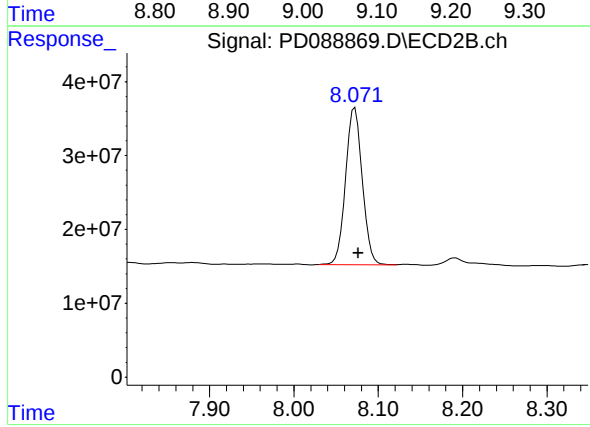
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.005 min
Response: 62003173
Conc: 18.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
TP-S

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#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 291800575
Conc: 15.98 ng/ml