

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071425\
 Data File : PD089487.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2025 19:28
 Operator : AR\AJ
 Sample : Q2558-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 OU4-TS-Denali-070925

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2025
 Supervised By : mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 08:17:52 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...	3.549	2.878	43410197	294.6E6	15.215	17.379m
28)	SA Decachlor...	9.068	8.068	50761335	262.5E6	12.924m	13.276
Target Compounds							
10)	B gamma-Chl...	5.942	5.121	5446646	30787542	1.138m	1.287m
11)	B alpha-Chl...	6.029	5.186	11058920	36040392	2.286	1.574m#
12)	B 4,4'-DDE	6.194	5.371	9759869	80809033	2.238	3.526m#
13)	MA Dieldrin	6.345	5.508	5530304	53538741	1.153	2.307m#
14)	MA Endrin	6.575	5.787	3853555	24255179	0.934	1.117m
17)	MA 4,4'-DDT	7.019	6.180	3526935	37143470	0.931m	1.832 #

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

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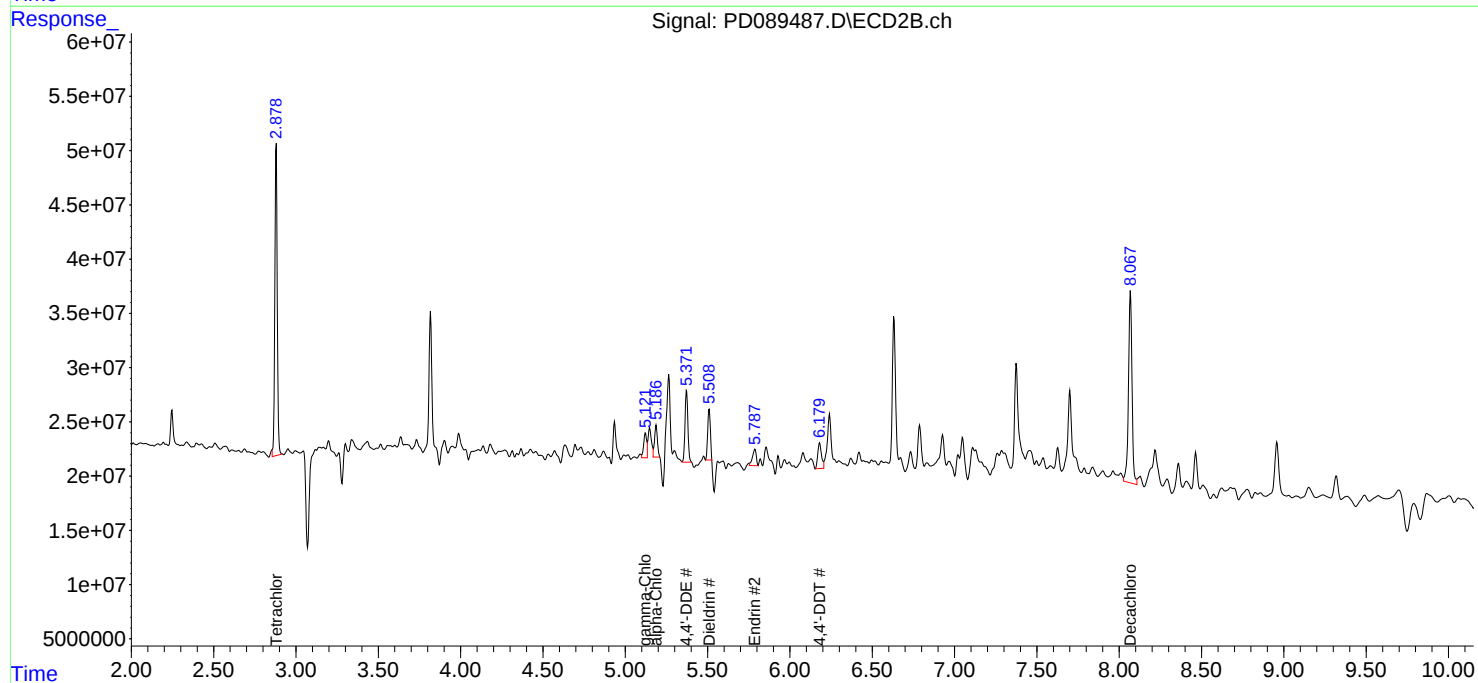
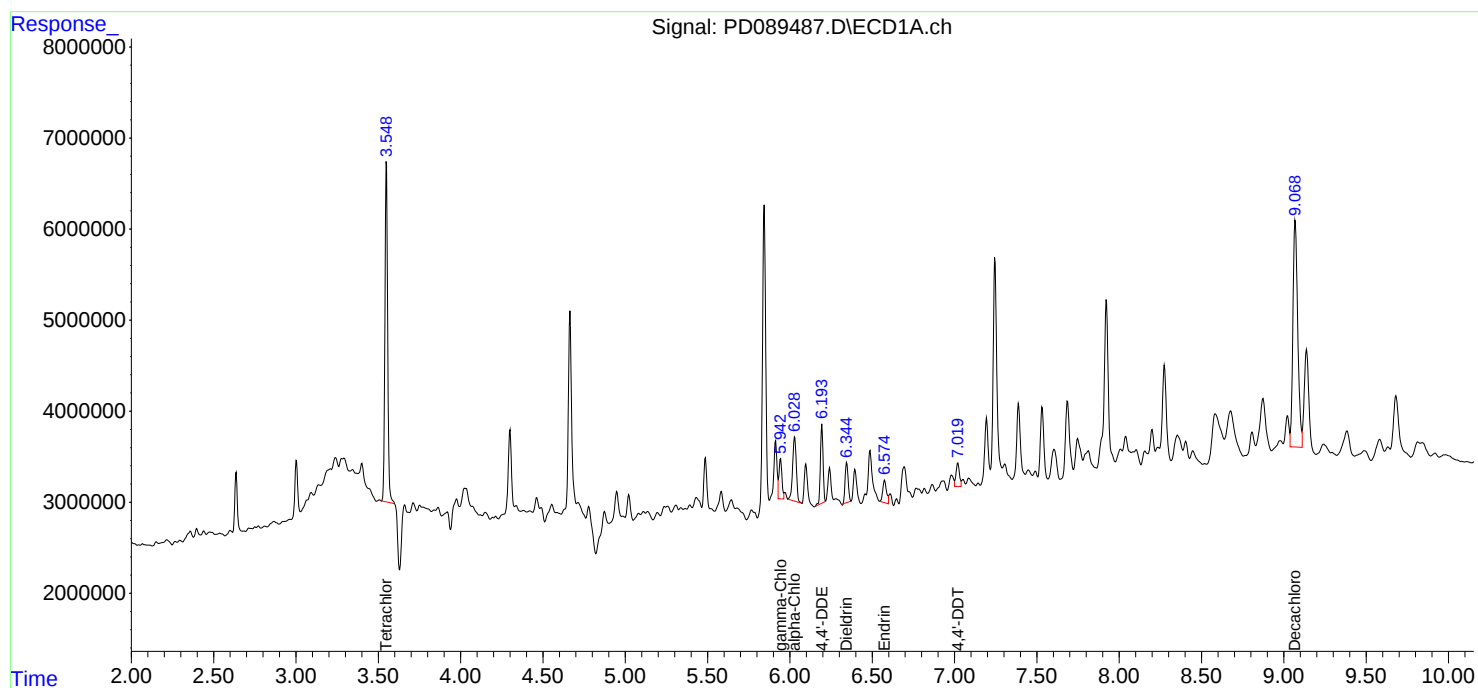
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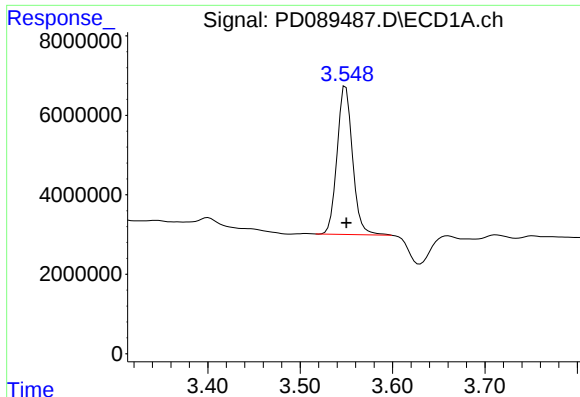
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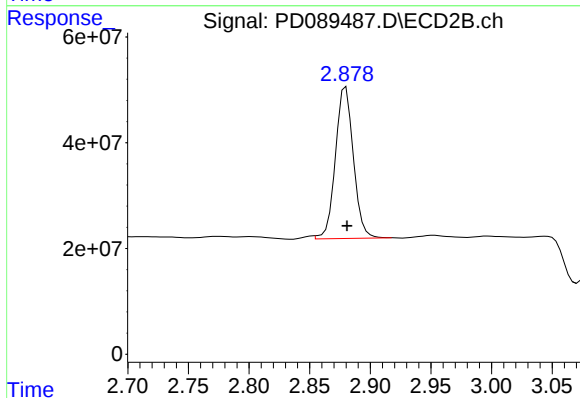
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 43410197
Conc: 15.21 ng/ml

Instrument :
ECD_D
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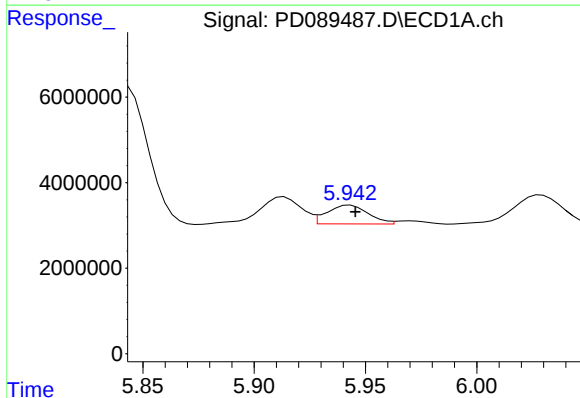
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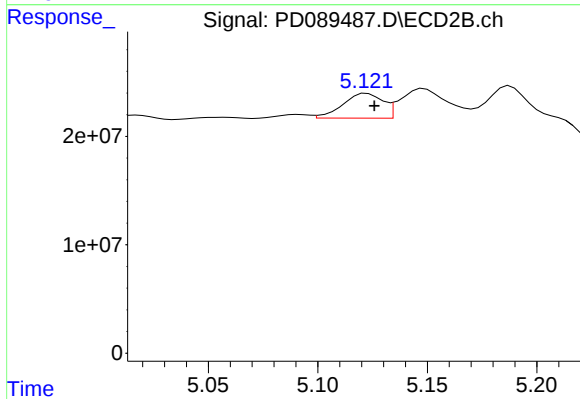
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.002 min
Response: 294625291
Conc: 17.38 ng/ml m



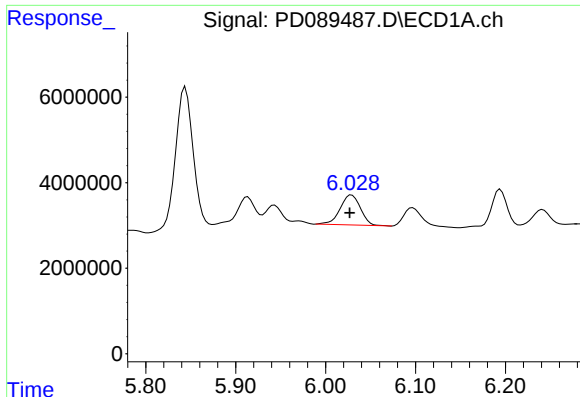
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 5446646
Conc: 1.14 ng/ml m



#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: -0.005 min
Response: 30787542
Conc: 1.29 ng/ml m



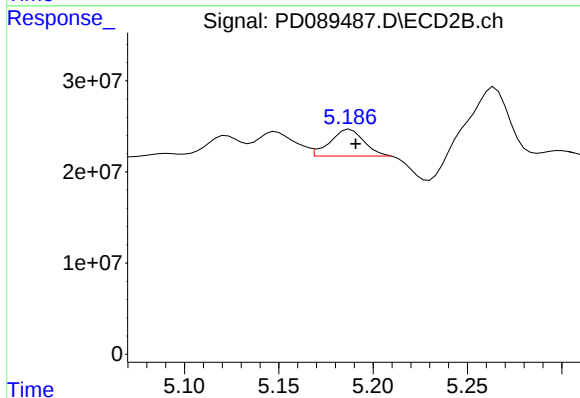
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.002 min
Response: 11058920
Conc: 2.29 ng/ml

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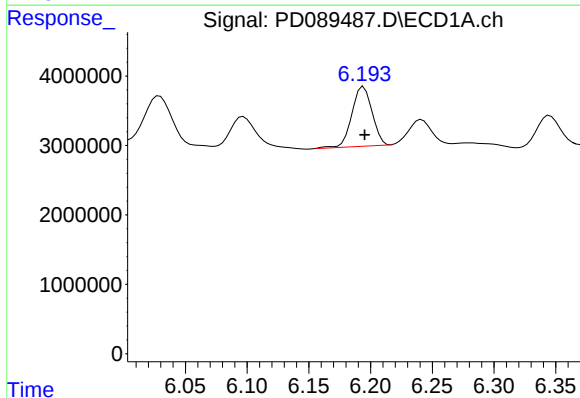
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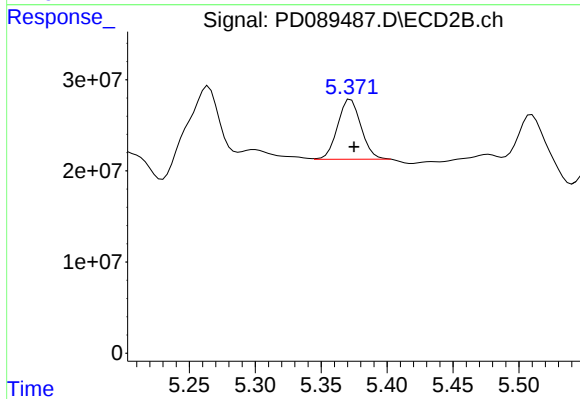
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: -0.004 min
Response: 36040392
Conc: 1.57 ng/ml m



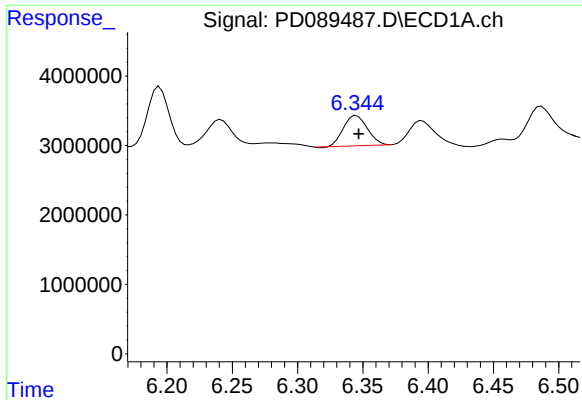
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 9759869
Conc: 2.24 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.004 min
Response: 80809033
Conc: 3.53 ng/ml m



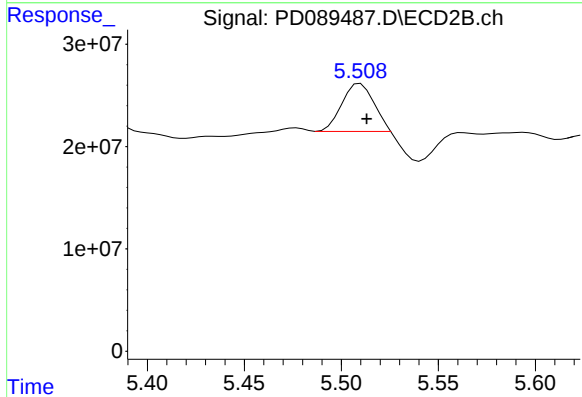
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.002 min
Response: 5530304
Conc: 1.15 ng/ml

Instrument :
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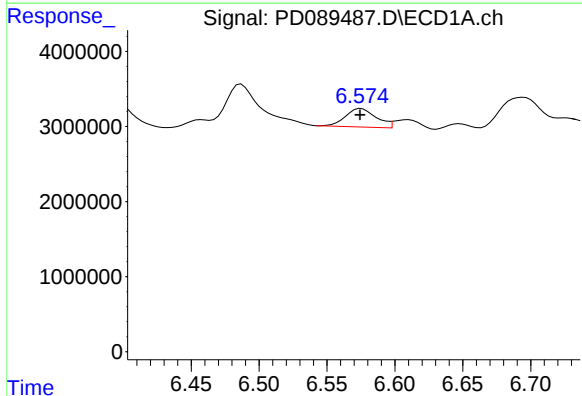
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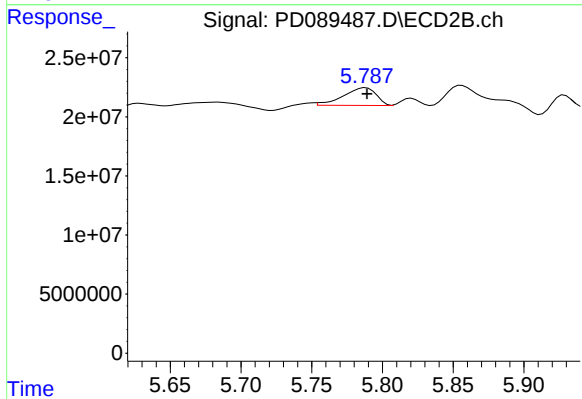
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: -0.005 min
Response: 53538741
Conc: 2.31 ng/ml m



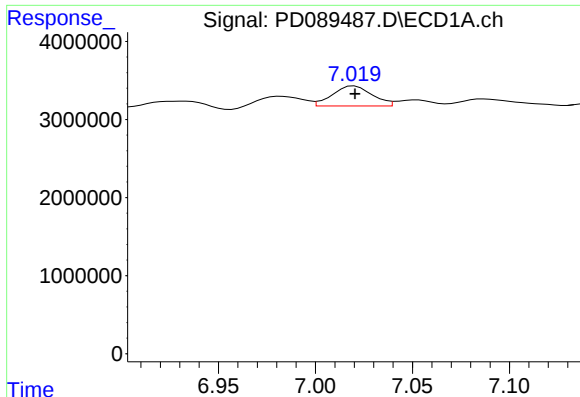
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 3853555
Conc: 0.93 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 24255179
Conc: 1.12 ng/ml m



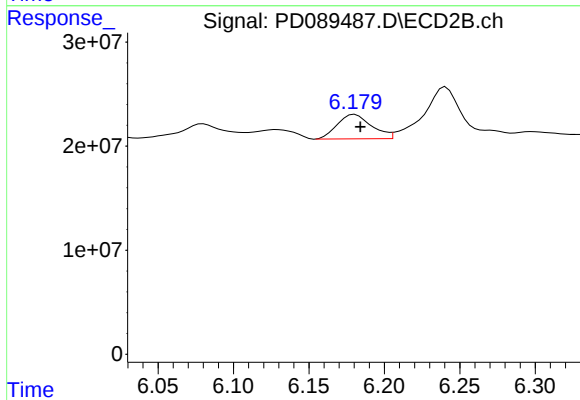
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: -0.002 min
Response: 3526935
Conc: 0.93 ng/ml

Instrument :
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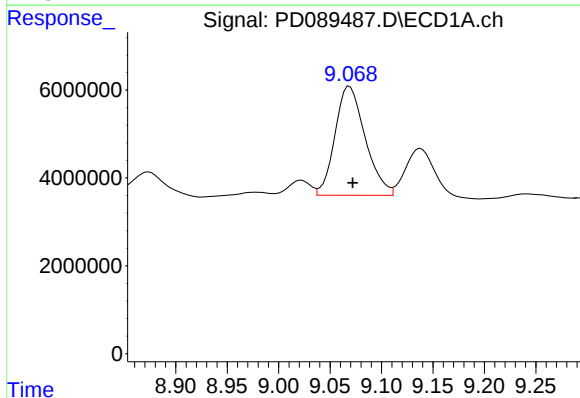
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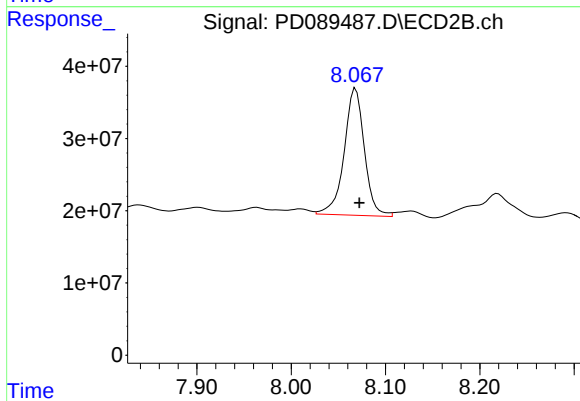
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 37143470
Conc: 1.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.004 min
Response: 50761335
Conc: 12.92 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.004 min
Response: 262463661
Conc: 13.28 ng/ml