

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071625\
 Data File : PD089503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 14:07
 Operator : AR\AJ
 Sample : Q2614-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-MCN-COMP-01

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/17/2025
 Supervised By : mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:43:37 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	2.880	37408876	245.9E6	13.112	14.507
28)	SA Decachlor...	9.071	8.067	42315977	284.5E6	10.774	14.392 #
Target Compounds							
10)	B gamma-Chl...	5.943	5.122	62951444	187.0E6	13.147m	7.817m#
11)	B alpha-Chl...	6.029	5.186	113.7E6	341.0E6	23.509	14.894m#
12)	B 4,4'-DDE	6.194	5.371	14661110	98425053	3.362	4.295m#
13)	MA Dieldrin	6.344	5.506	4294047	96394457	0.895	4.153m#
14)	MA Endrin	6.572	5.792	4489664	59276147	1.088	2.730 #
17)	MA 4,4'-DDT	7.017	6.178	4354110	158.9E6	1.149m	7.835 #

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

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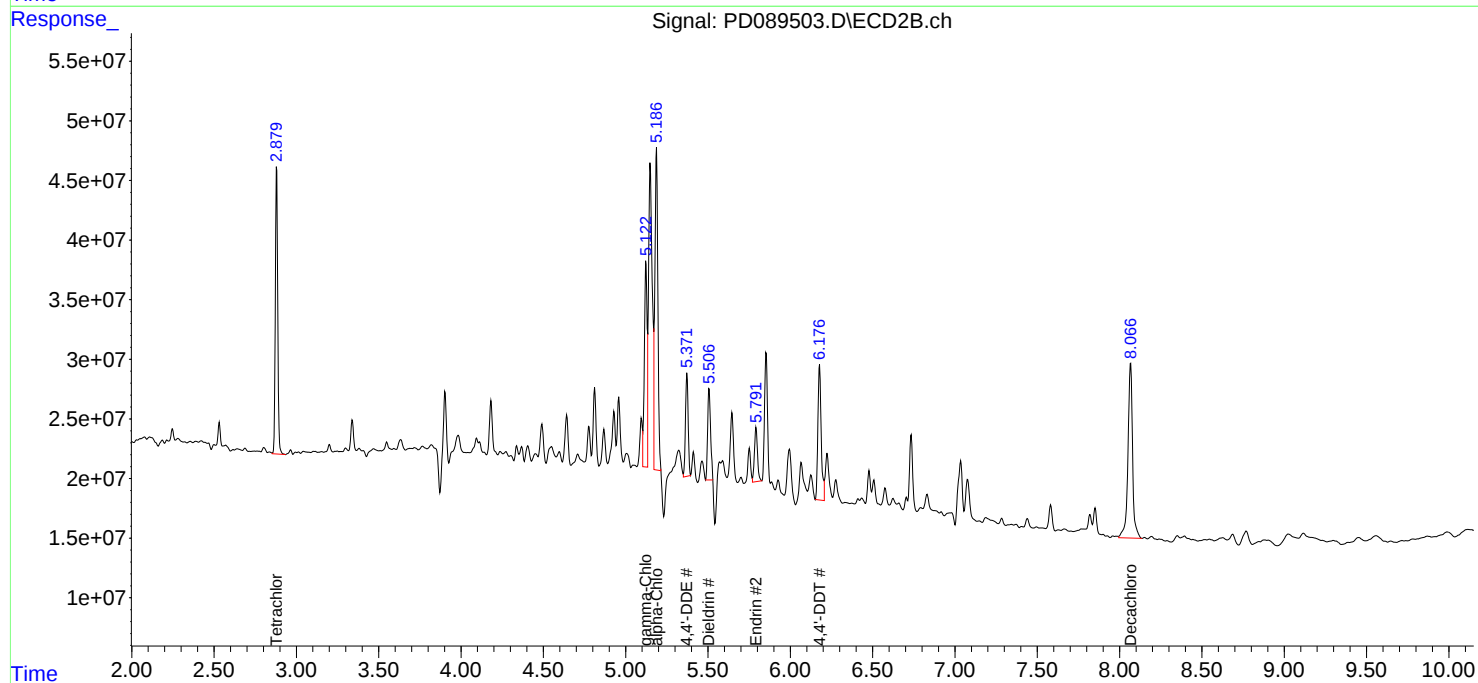
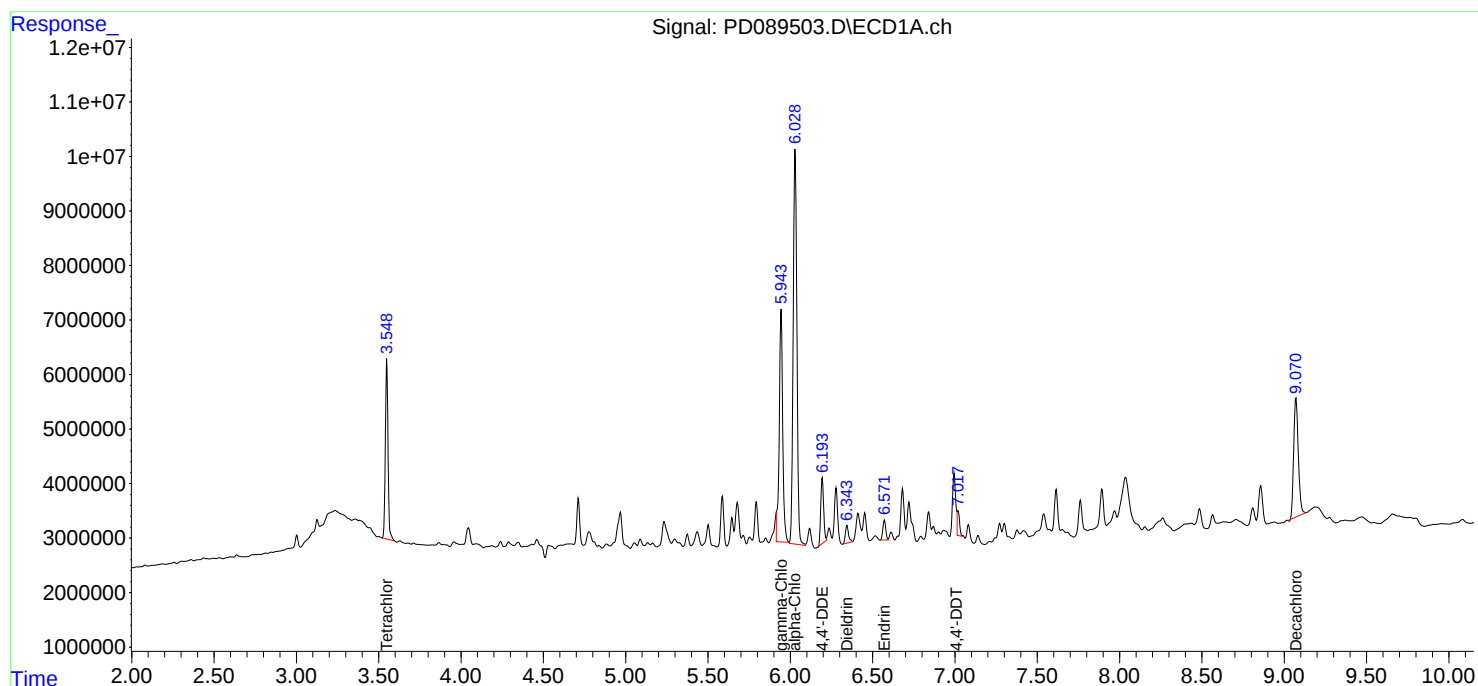
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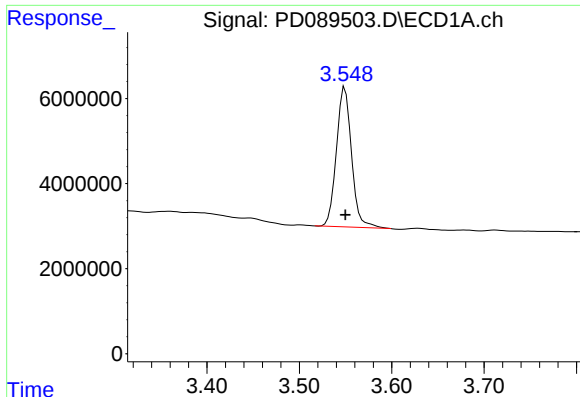
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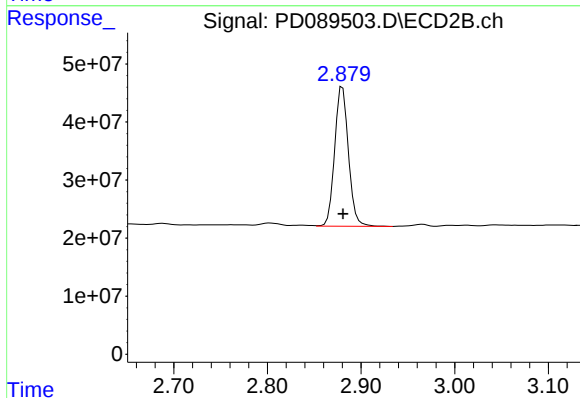
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 37408876
Conc: 13.11 ng/ml

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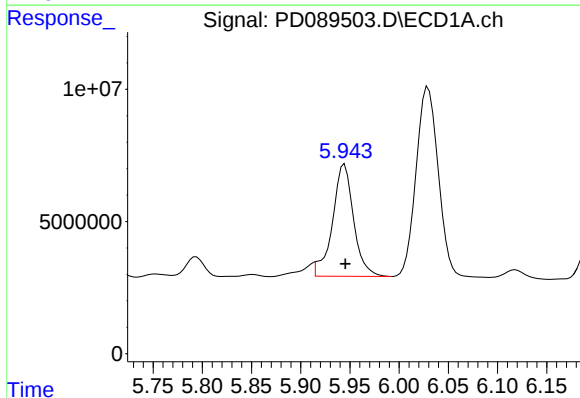
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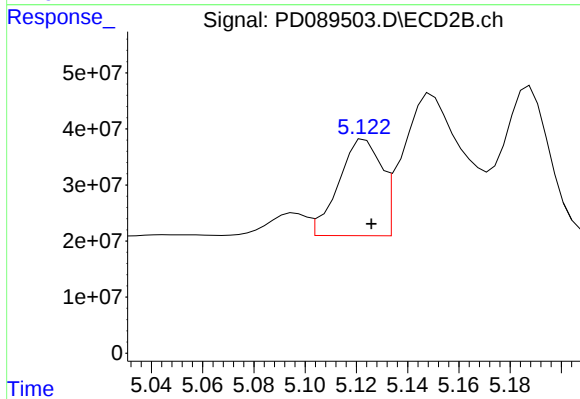
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 245931963
Conc: 14.51 ng/ml



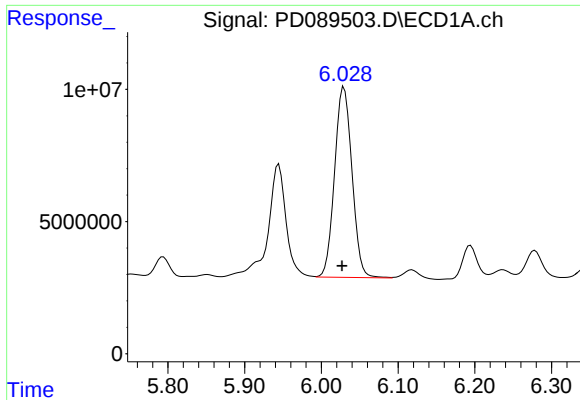
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 62951444
Conc: 13.15 ng/ml m



#10 gamma-Chlordane

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 186992281
Conc: 7.82 ng/ml m



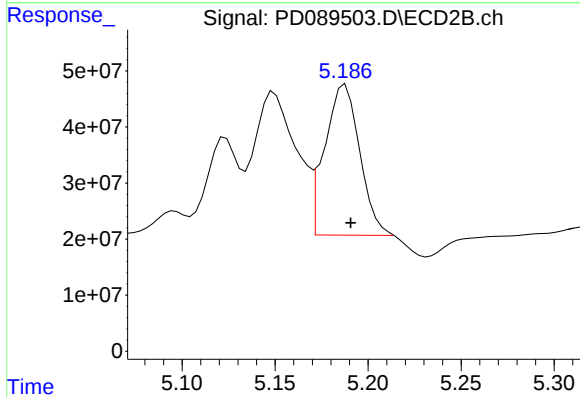
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.003 min
Response: 113749606
Conc: 23.51 ng/ml

Instrument :
ECD_D
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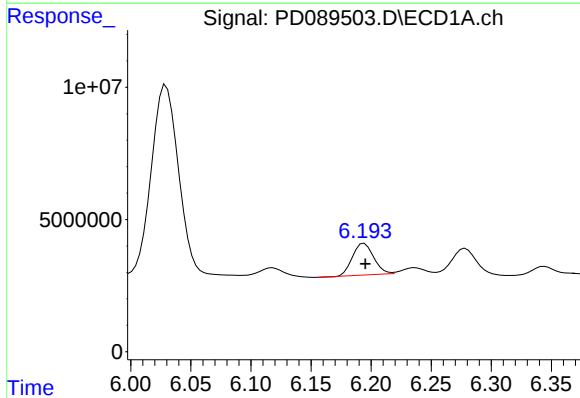
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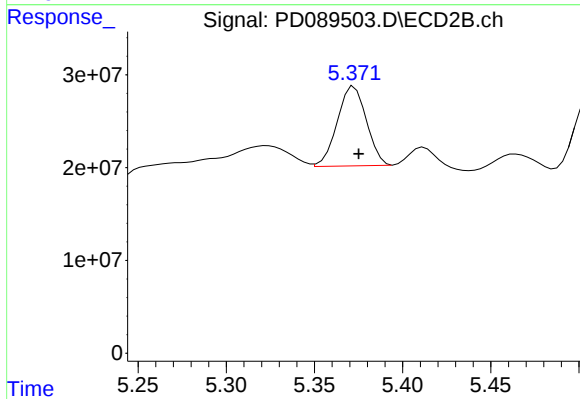
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: -0.004 min
Response: 341026756
Conc: 14.89 ng/ml m



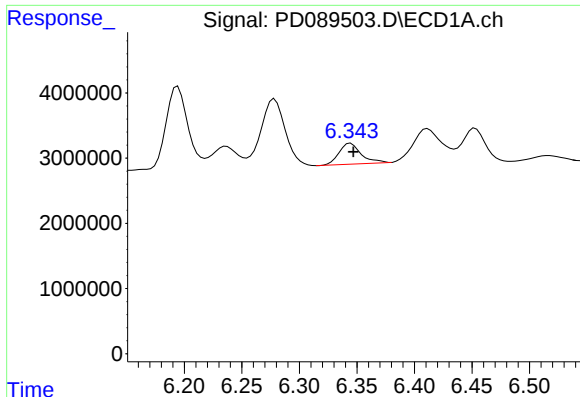
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 14661110
Conc: 3.36 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.004 min
Response: 98425053
Conc: 4.30 ng/ml m



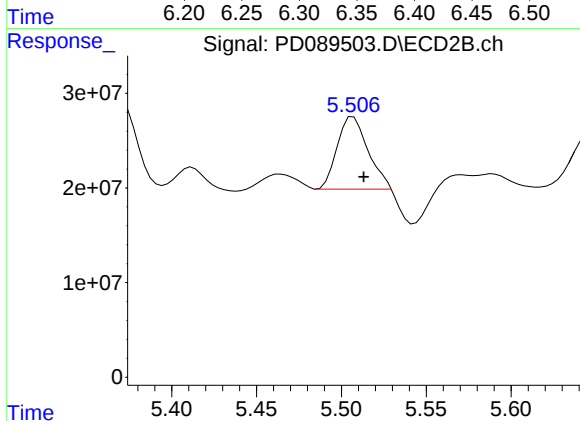
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 4294047
Conc: 0.90 ng/ml

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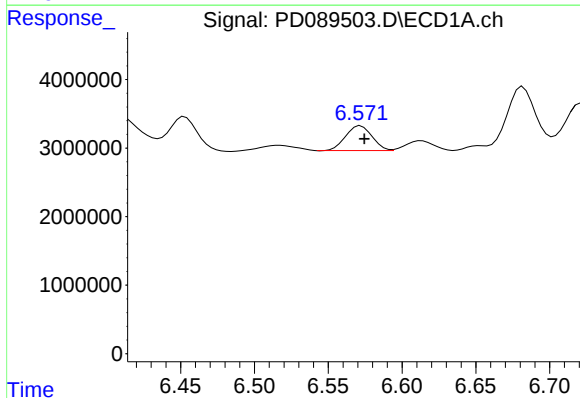
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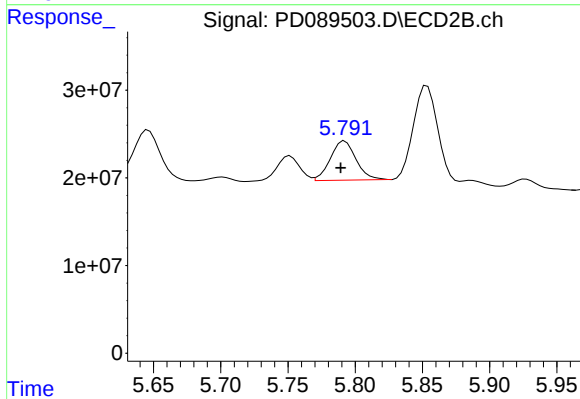
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.008 min
Response: 96394457
Conc: 4.15 ng/ml m



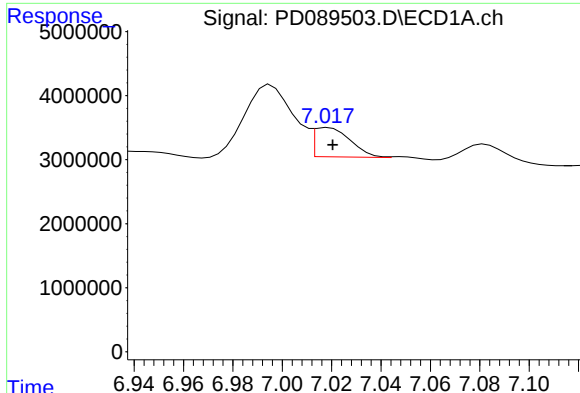
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 4489664
Conc: 1.09 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.003 min
Response: 59276147
Conc: 2.73 ng/ml



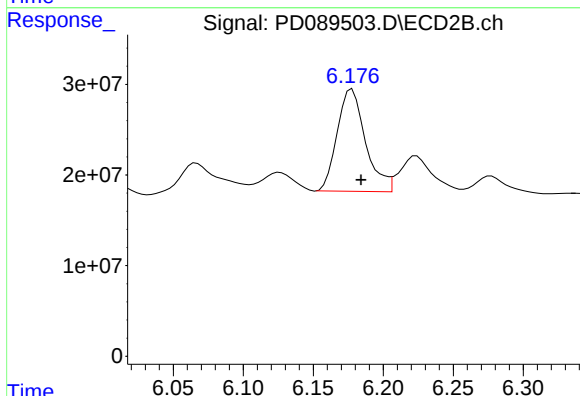
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.003 min
Response: 4354110
Conc: 1.15 ng/ml

Instrument :
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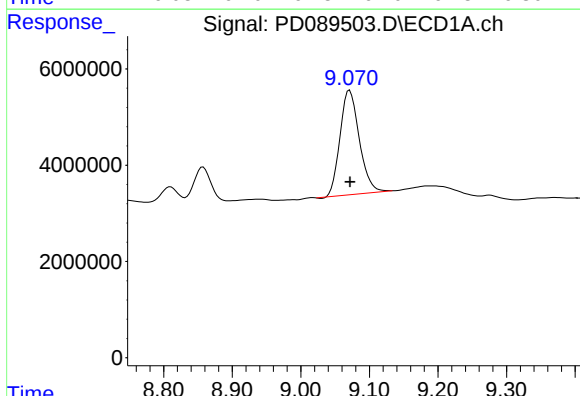
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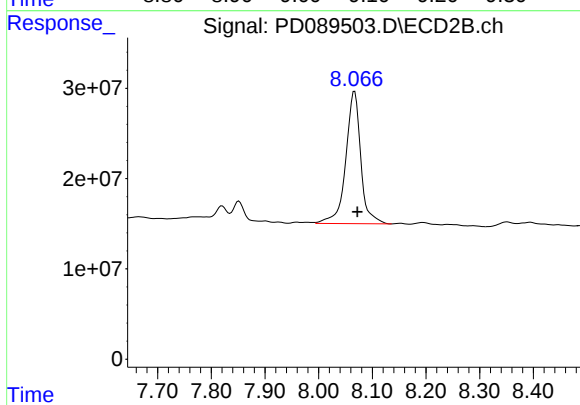
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.006 min
Response: 158883145
Conc: 7.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 42315977
Conc: 10.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: -0.005 min
Response: 284525802
Conc: 14.39 ng/ml