

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
 Data File : PD089458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 14:09
 Operator : AR\AJ
 Sample : Q2560-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LP-7102025MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 11 22:51:58 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...	3.548	2.879	43113689	346.4E6	15.111m	20.432m#
28)	SA Decachlor...	9.069	8.069	66636288	322.0E6	16.966m	16.289
Target Compounds							
2)	A alpha-BHC	3.999	3.391	242.7E6	1178.6E6	41.630	43.983m
3)	MA gamma-BHC...	4.329	3.728	283.1E6	1045.4E6	50.714	42.226
4)	MA Heptachlor	4.927	4.080	231.8E6	1065.7E6	42.521m	42.564m
5)	MB Aldrin	5.270	4.367	246.6E6	1070.7E6	46.411	44.213
6)	B beta-BHC	4.516	4.024	66461844	605.9E6	30.112	56.384m#
7)	B delta-BHC	4.764	4.261	226.3E6	1102.0E6	44.091	44.303
8)	B Heptachlo...	5.689	4.870	235.2E6	1094.4E6	48.763m	49.976m
9)	A Endosulfan I	6.073	5.246	202.9E6	874.9E6	45.024	41.978m
10)	B gamma-Chl...	5.945	5.123	243.2E6	1231.5E6	50.799	51.476m
11)	B alpha-Chl...	6.027	5.189	294.7E6	1404.7E6	60.910	61.349
12)	B 4,4'-DDE	6.196	5.372	155.4E6	986.8E6	35.644	43.060m
13)	MA Dieldrin	6.346	5.510	207.3E6	1044.6E6	43.214	45.008m
14)	MA Endrin	6.573	5.786	168.4E6	951.7E6	40.809	43.828m
15)	B Endosulfa...	6.785	6.078	162.1E6	981.5E6	40.150	48.597m
16)	A 4,4'-DDD	6.702	5.927	153.6E6	709.7E6	44.753m	37.102m
17)	MA 4,4'-DDT	7.020	6.182	163.8E6	890.2E6	43.242	43.897
18)	B Endrin al...	6.914	6.257	125.2E6	684.8E6	40.855	44.724
19)	B Endosulfa...	7.148	6.481	151.7E6	811.9E6	39.538	41.382
20)	A Methoxychlor	7.491	6.752	89373796	428.9E6	44.231m	39.834
21)	B Endrin ke...	7.629	6.989	160.6E6	818.0E6	39.431	37.866
22)	Mirex	8.111	7.184	120.0E6	604.3E6	39.458m	36.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071125\
Data File : PD089458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 14:09
Operator : AR\AJ
Sample : Q2560-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

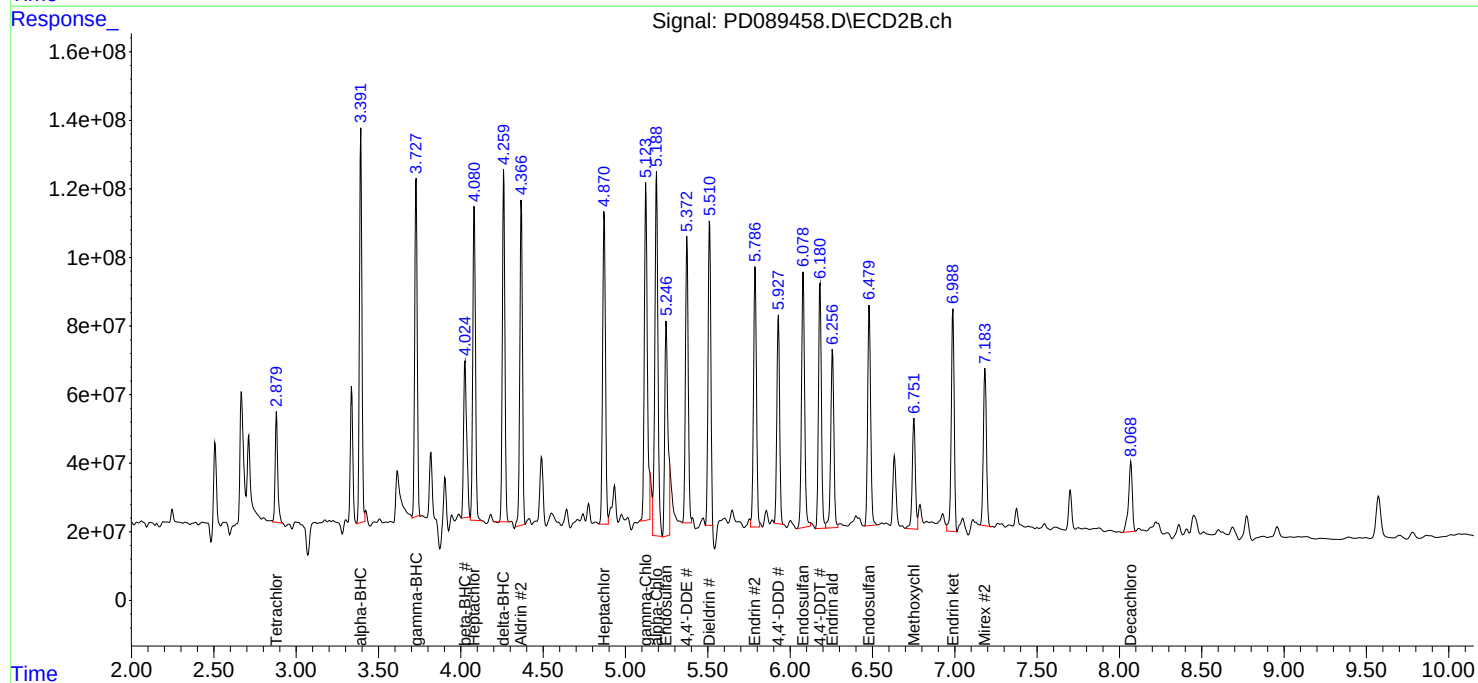
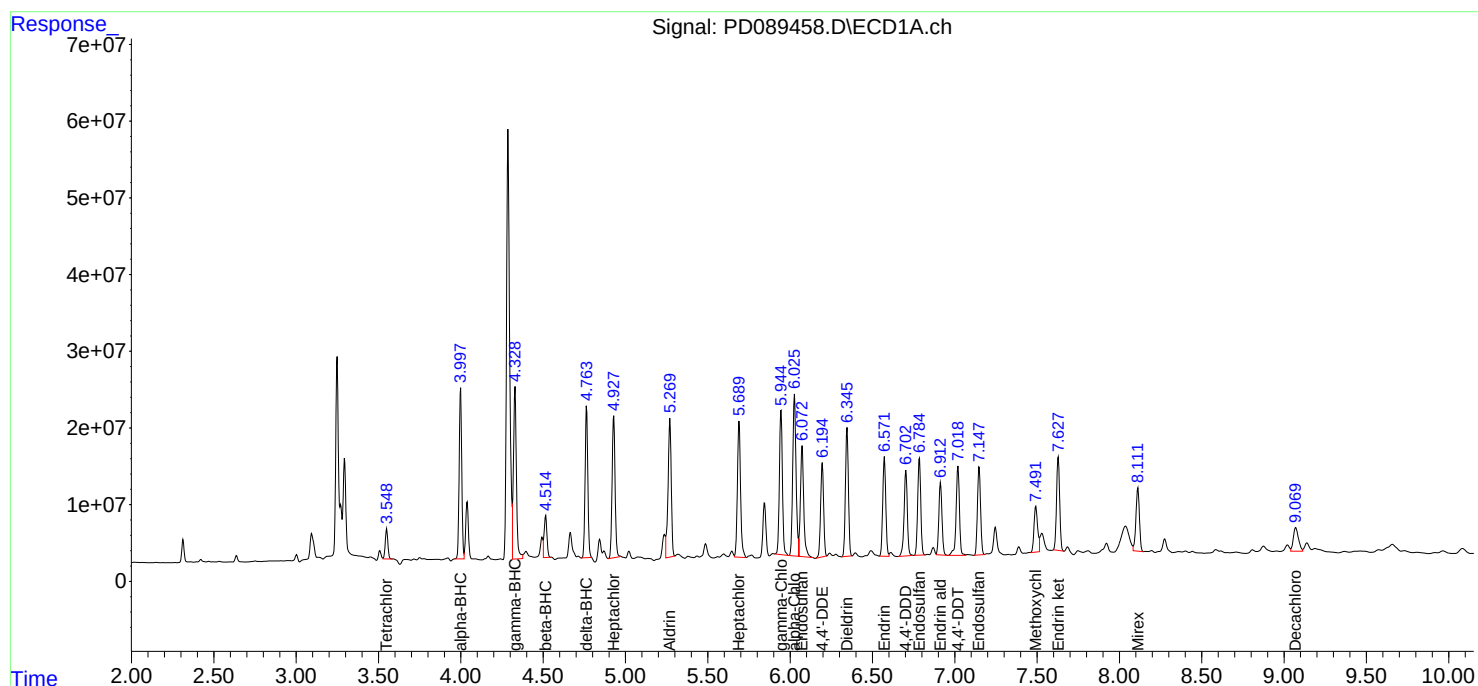
Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

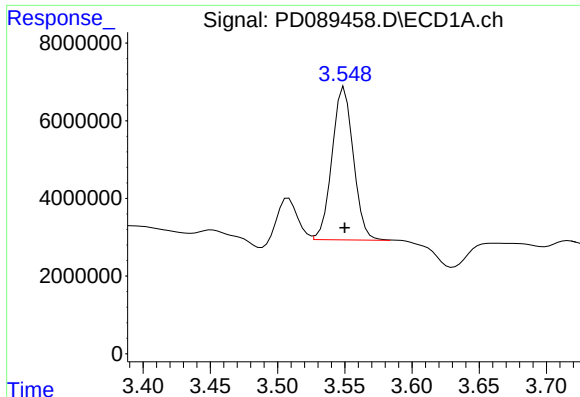
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 22:51:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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





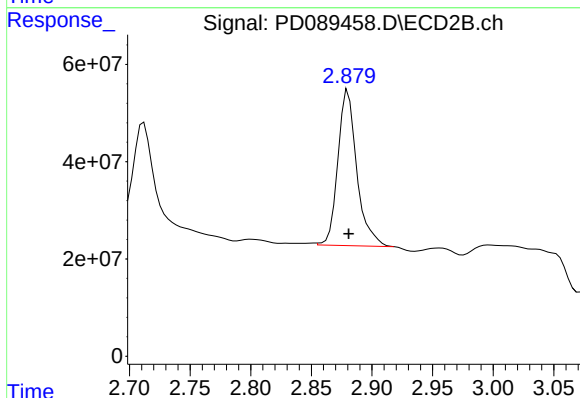
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 43113689
Conc: 15.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

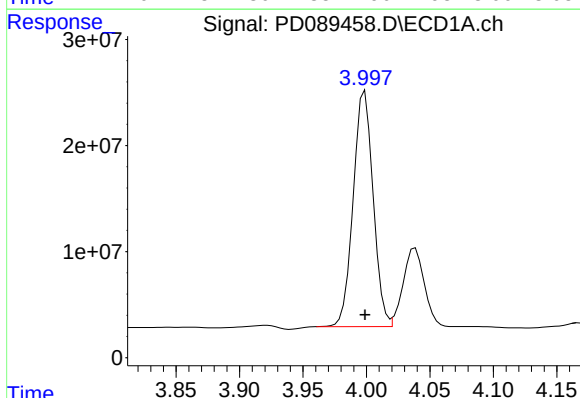
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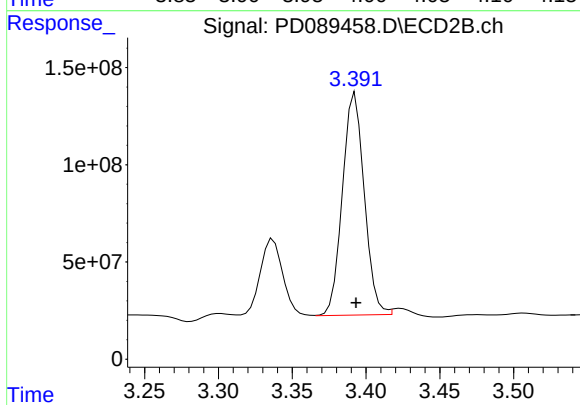
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 346390032
Conc: 20.43 ng/ml m



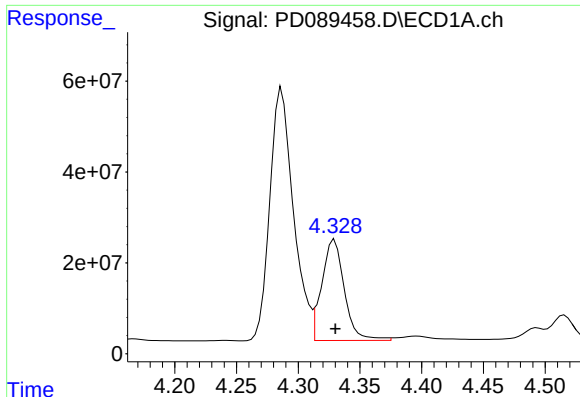
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 242663940
Conc: 41.63 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: -0.002 min
Response: 1178613583
Conc: 43.98 ng/ml m



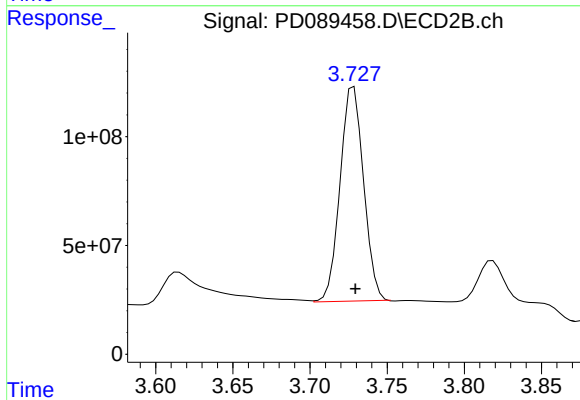
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 283071284
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

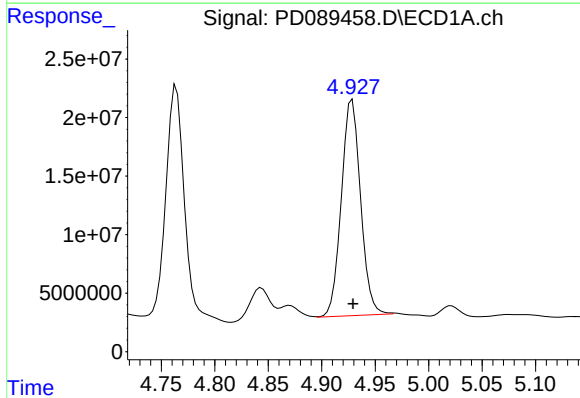
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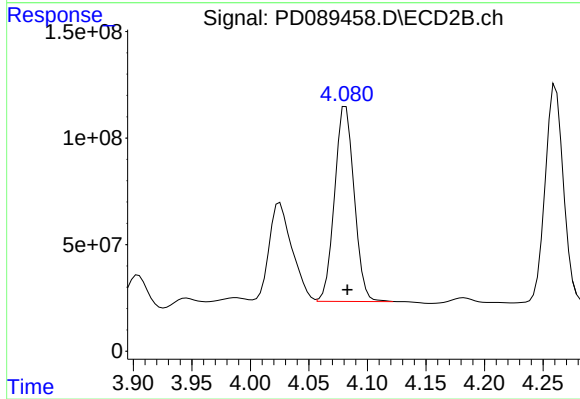
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.001 min
Response: 1045388945
Conc: 42.23 ng/ml



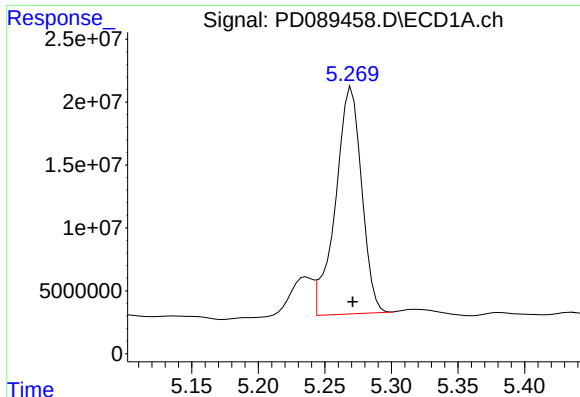
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: -0.002 min
Response: 231822972
Conc: 42.52 ng/ml m



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: -0.003 min
Response: 1065722086
Conc: 42.56 ng/ml m



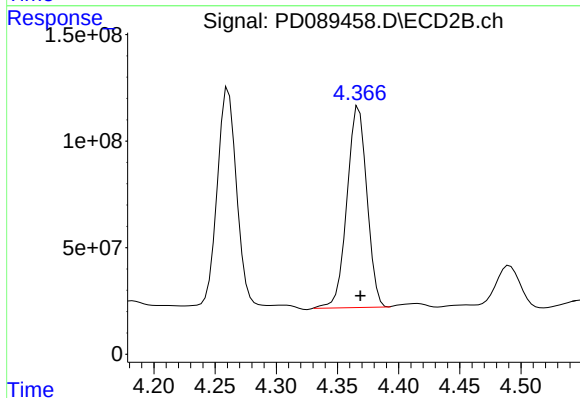
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.001 min
Response: 246579065
Conc: 46.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
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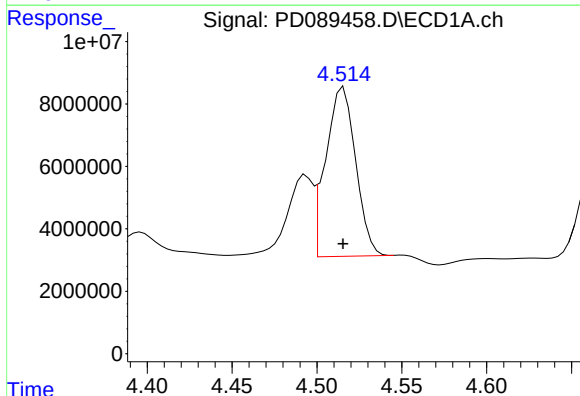
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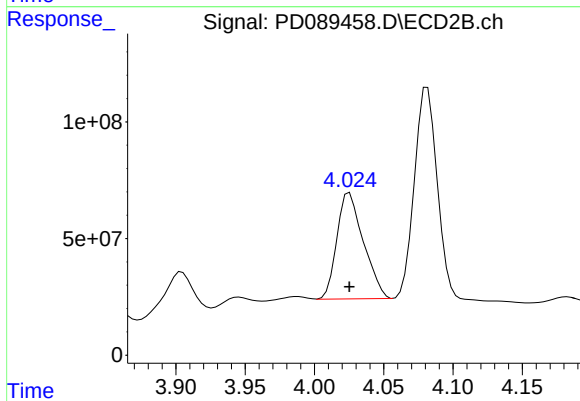
#5 Aldrin

R.T.: 4.367 min
Delta R.T.: -0.001 min
Response: 1070721785
Conc: 44.21 ng/ml



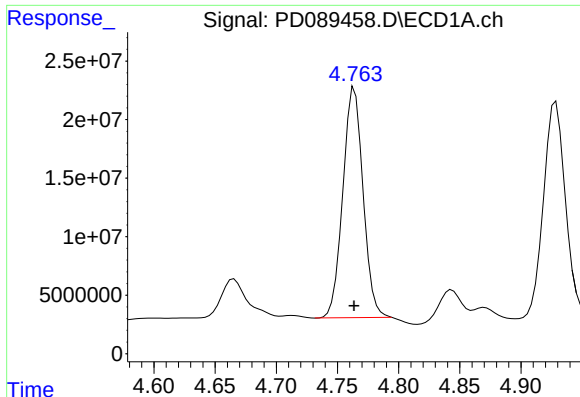
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 66461844
Conc: 30.11 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 605917527
Conc: 56.38 ng/ml m



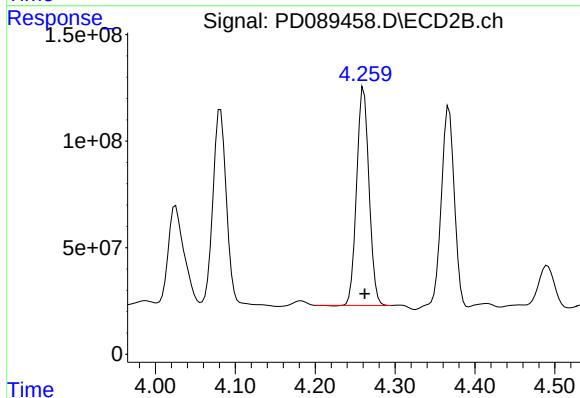
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 226312980
Conc: 44.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

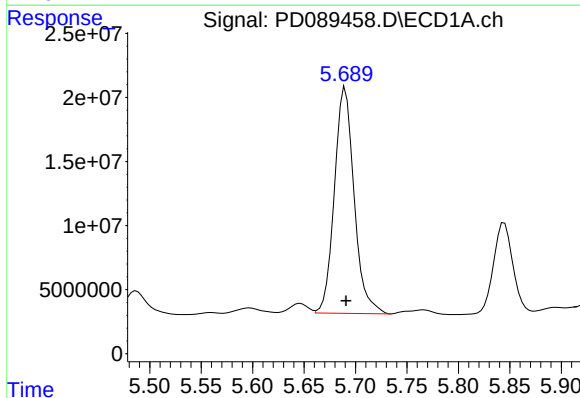
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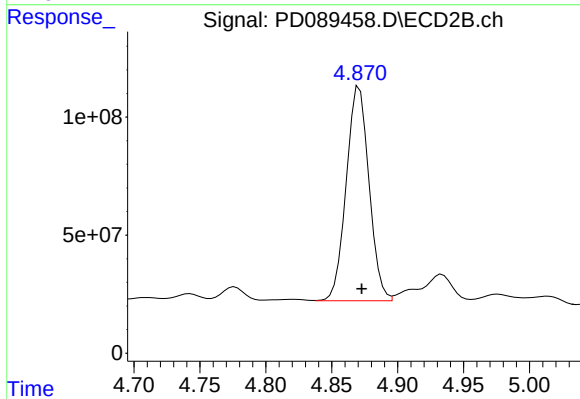
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 1101977808
Conc: 44.30 ng/ml



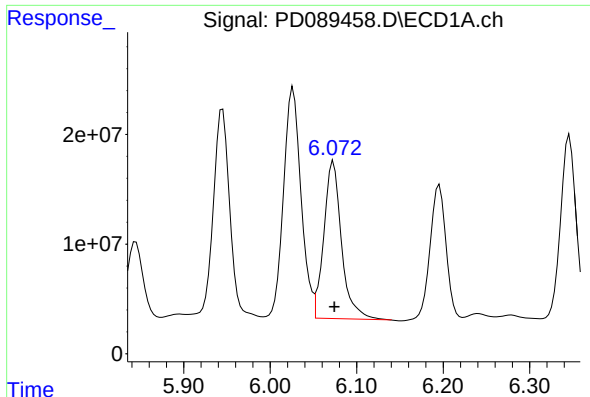
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 235230259
Conc: 48.76 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: -0.003 min
Response: 1094382772
Conc: 49.98 ng/ml m



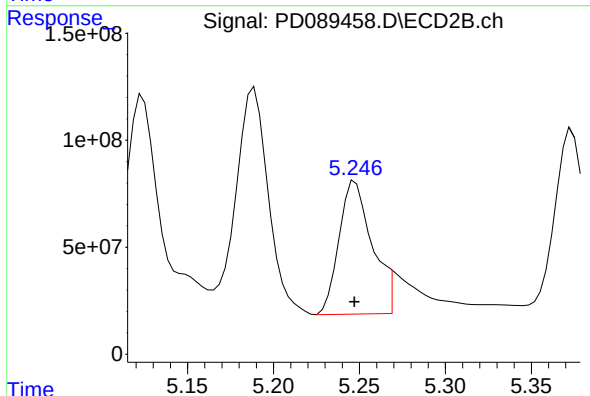
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 202945608
Conc: 45.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

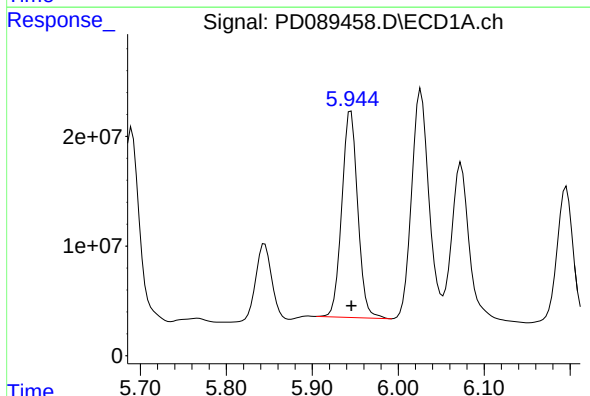
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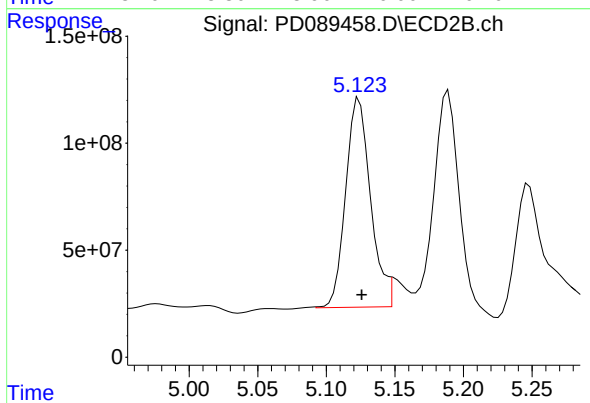
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 874923766
Conc: 41.98 ng/ml m



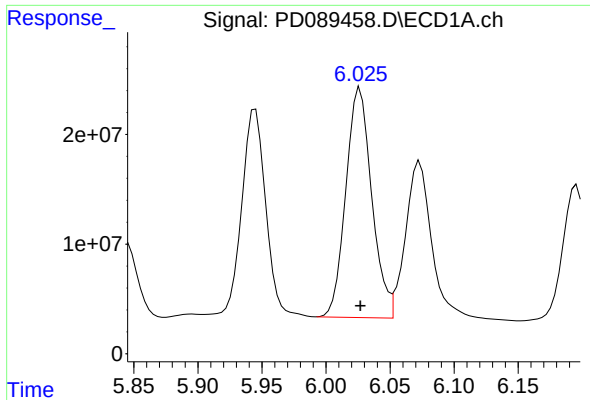
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 243229736
Conc: 50.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 1231452418
Conc: 51.48 ng/ml m



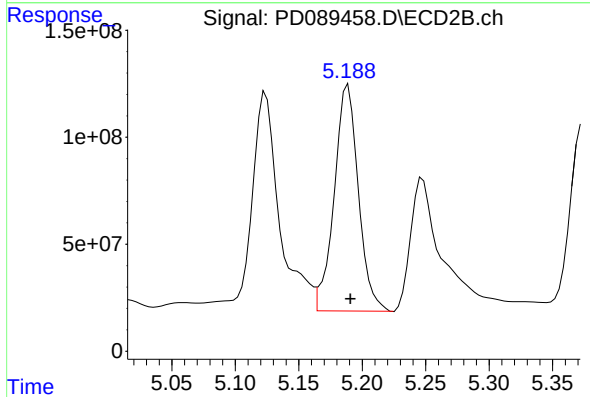
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 294717625
Conc: 60.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

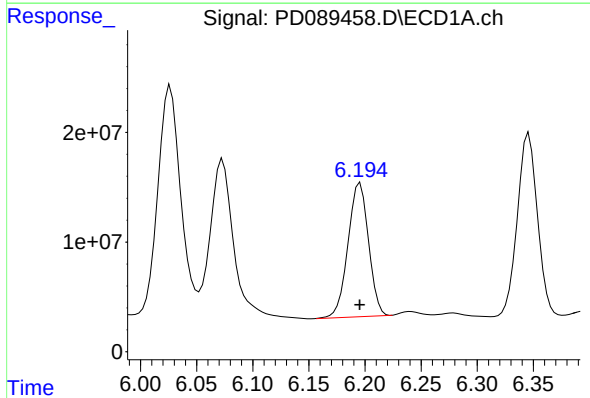
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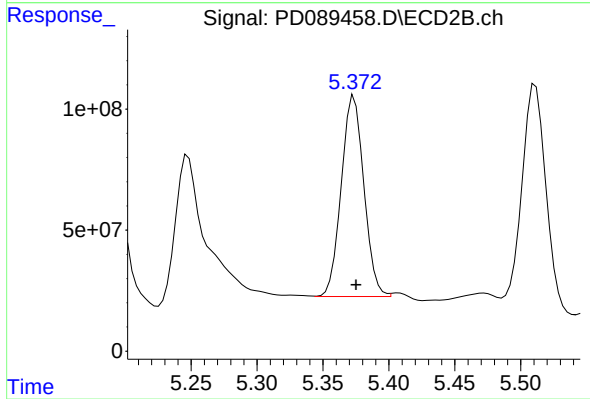
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 1404698628
Conc: 61.35 ng/ml



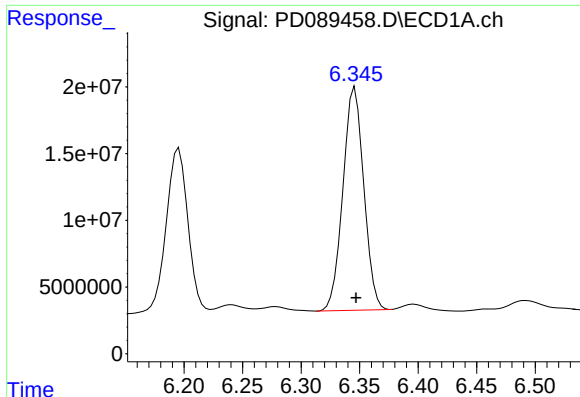
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 155442672
Conc: 35.64 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: -0.003 min
Response: 986772134
Conc: 43.06 ng/ml m



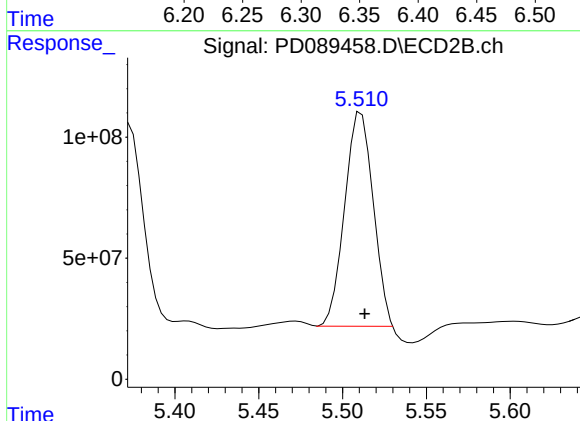
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 207318411
Conc: 43.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

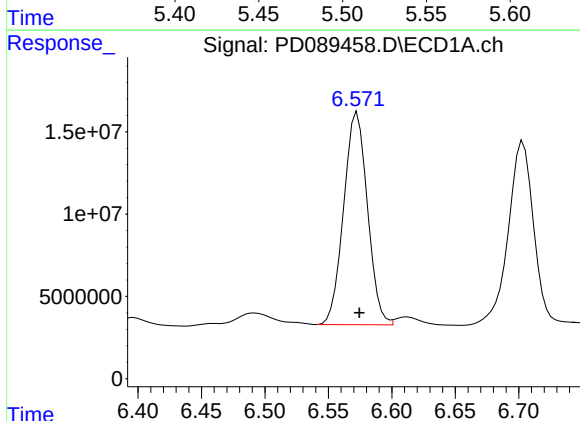
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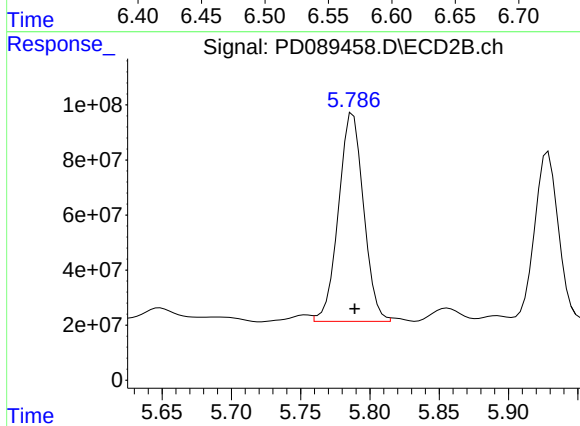
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.003 min
Response: 1044578242
Conc: 45.01 ng/ml m



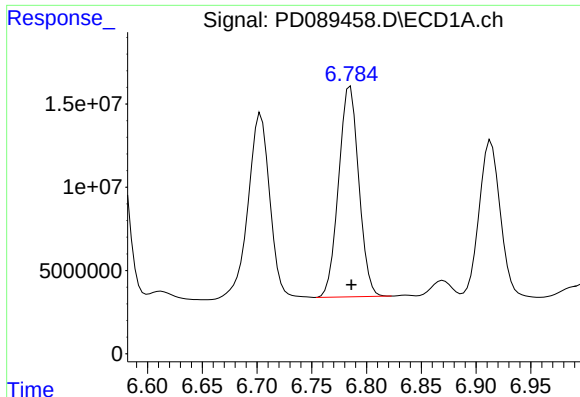
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 168360067
Conc: 40.81 ng/ml



#14 Endrin

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 951676628
Conc: 43.83 ng/ml m



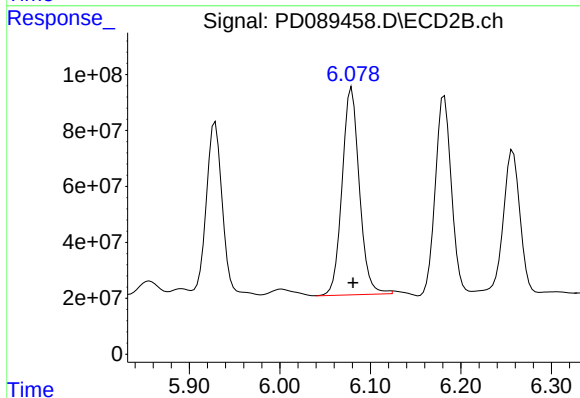
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 162070646
Conc: 40.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
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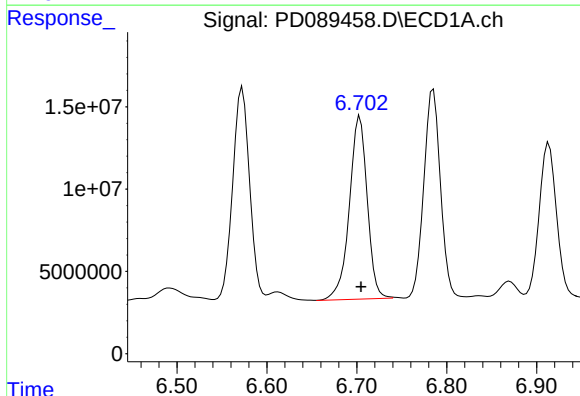
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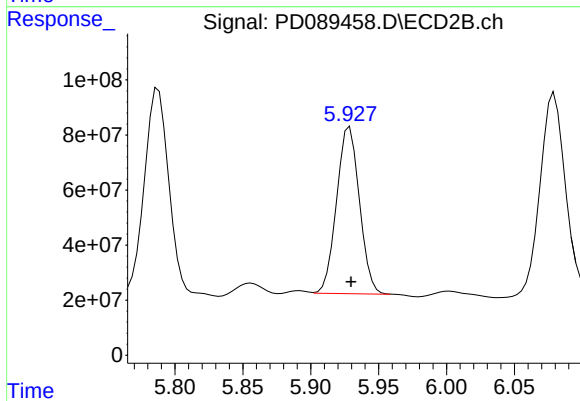
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 981487742
Conc: 48.60 ng/ml m



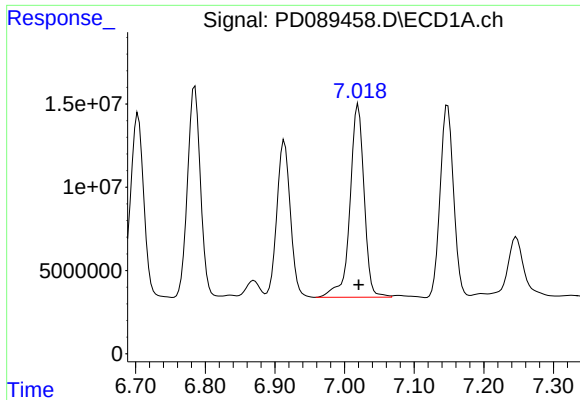
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.003 min
Response: 153594445
Conc: 44.75 ng/ml m



#16 4,4'-DDD

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 709747785
Conc: 37.10 ng/ml m



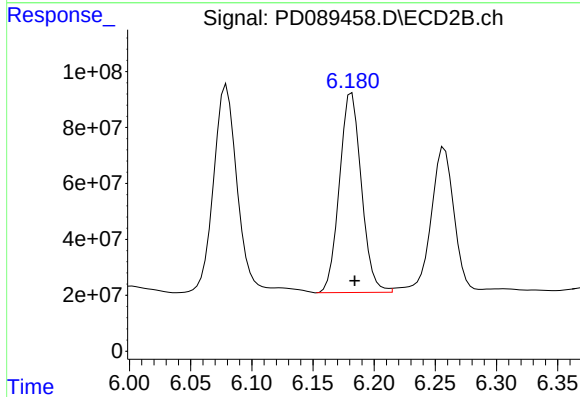
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 163810212
Conc: 43.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

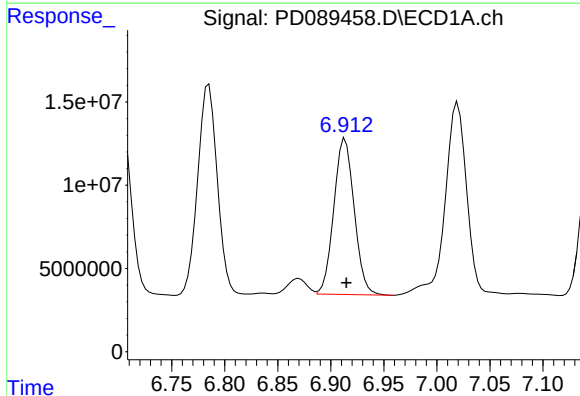
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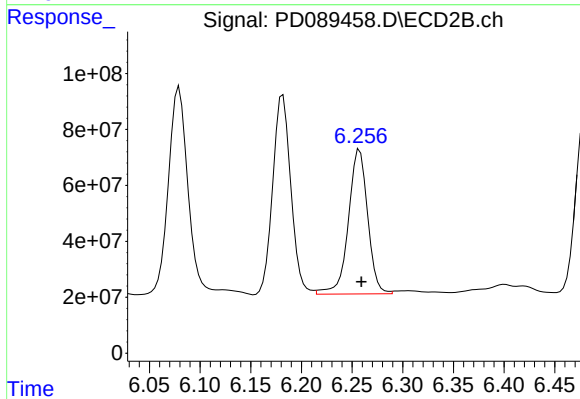
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 890209679
Conc: 43.90 ng/ml



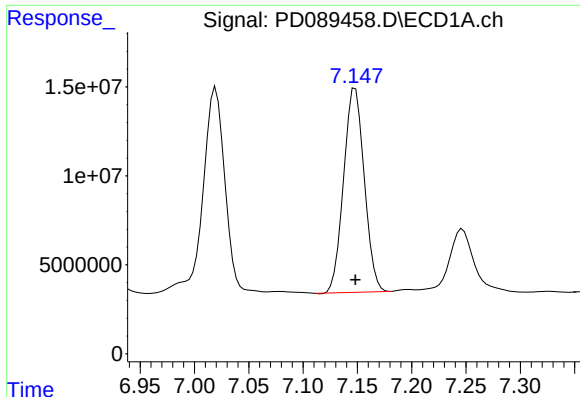
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.001 min
Response: 125177905
Conc: 40.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 684791153
Conc: 44.72 ng/ml



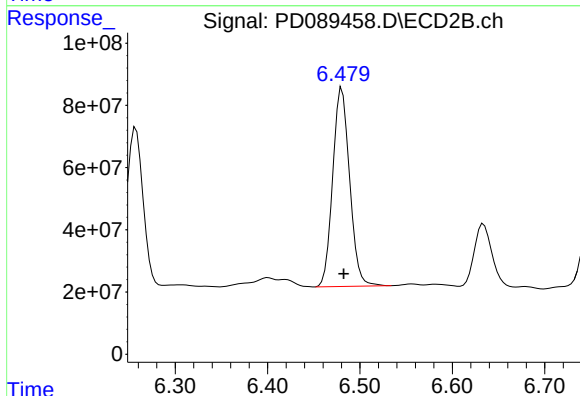
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 151715564
Conc: 39.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

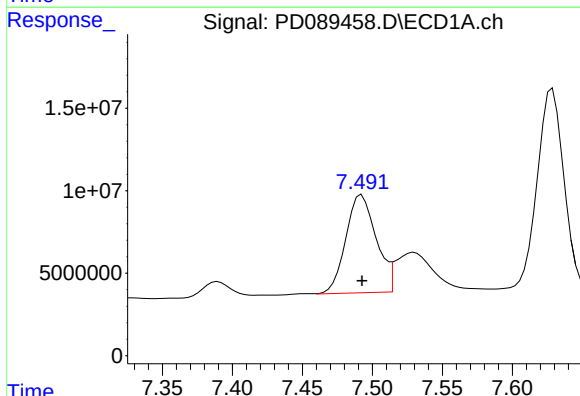
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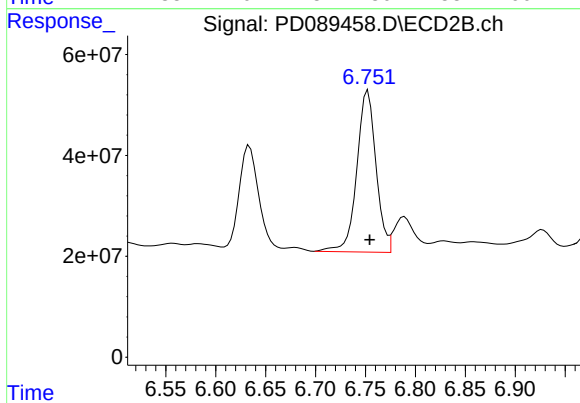
#19 Endosulfan Sulfate

R.T.: 6.481 min
Delta R.T.: -0.002 min
Response: 811949854
Conc: 41.38 ng/ml



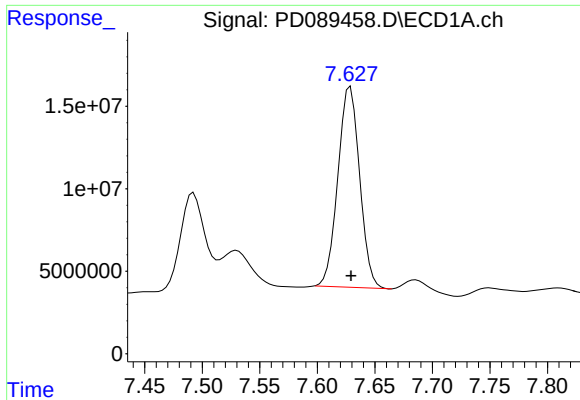
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 89373796
Conc: 44.23 ng/ml m



#20 Methoxychlor

R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 428935225
Conc: 39.83 ng/ml



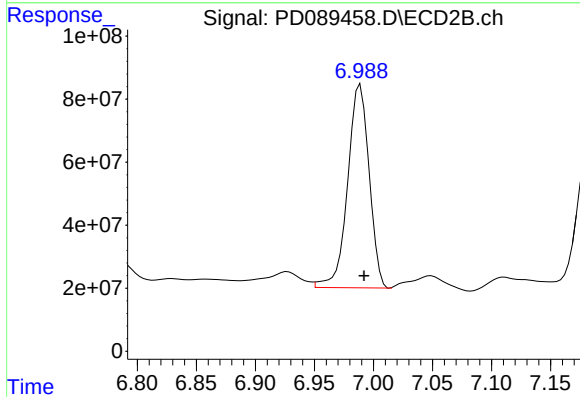
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 160603830
Conc: 39.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

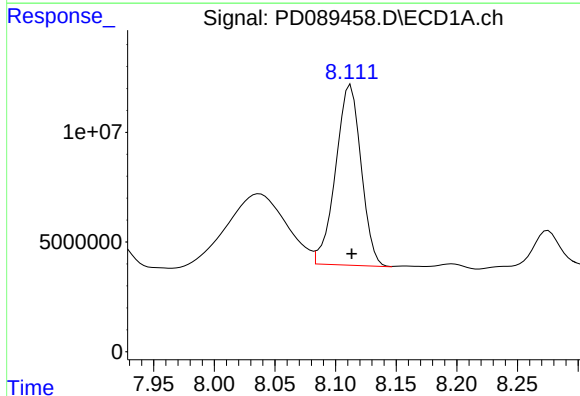
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/14/2025
Supervised By :mohammad ahmed 07/15/2025



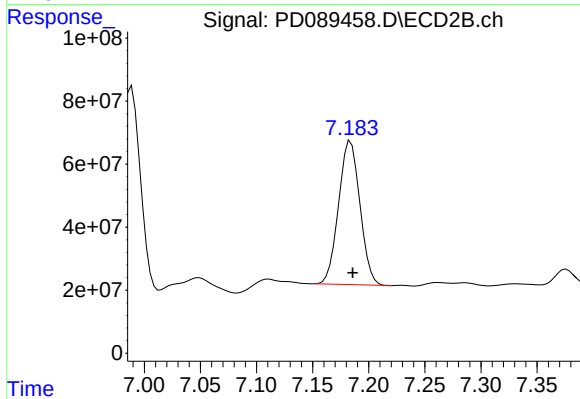
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 817964404
Conc: 37.87 ng/ml



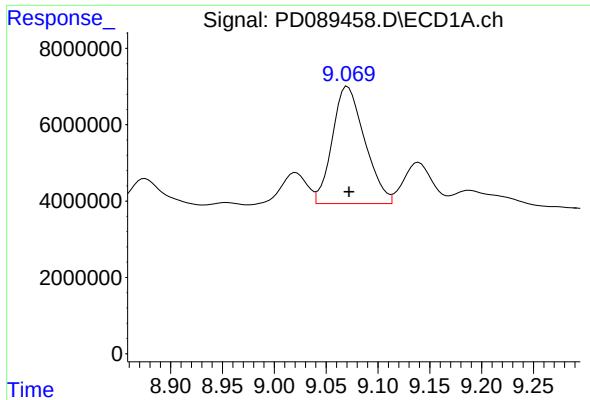
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.002 min
Response: 119957466
Conc: 39.46 ng/ml m



#22 Mirex

R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 604268462
Conc: 36.23 ng/ml



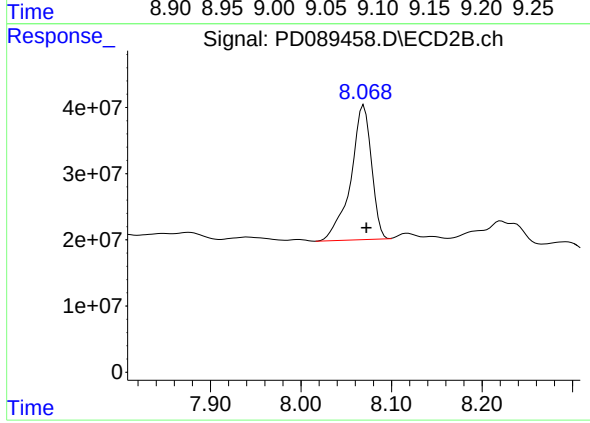
#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: -0.003 min
Response: 66636288
Conc: 16.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LP-7102025MSD

Manual Integrations
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Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: -0.003 min
Response: 322034876
Conc: 16.29 ng/ml