

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089065.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 20:08
 Operator : AR\AJ
 Sample : Q2358-01MS 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 NB-07-06182025MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/23/2025
 Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:06:58 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...	3.550	2.881	6467867	44096677	2.267	2.601
28) SA Decachlor...	9.072	8.071	7974913	44981879	2.030	2.275
Target Compounds						
2) A alpha-BHC	3.999	3.393	26466708	143.1E6	4.540	5.340
3) MA gamma-BHC...	4.328	3.730	25368475	136.3E6	4.545m	5.504
4) MA Heptachlor	4.929	4.083	27666262	141.4E6	5.075	5.645
5) MB Aldrin	5.269	4.366	25967194	123.2E6	4.888m	5.089m
6) B beta-BHC	4.516	4.025	11952622	64120468	5.415	5.967
7) B delta-BHC	4.764	4.262	25523890	138.3E6	4.973	5.561
8) B Heptachlo...	5.690	4.872	27360724	128.5E6	5.672	5.869
9) A Endosulfan I	6.074	5.246	23185663	114.9E6	5.144	5.510
10) B gamma-Chl...	5.945	5.124	23013142	132.5E6	4.806	5.538m
11) B alpha-Chl...	6.026	5.189	24673568	131.7E6	5.099	5.752m
12) B 4,4'-DDE	6.195	5.375	20204509	129.1E6	4.633	5.632
13) MA Dieldrin	6.347	5.513	23349147	132.6E6	4.867	5.713
14) MA Endrin	6.572	5.789	19998798	155.4E6	4.848m	7.157m#
15) B Endosulfa...	6.785	6.080	21321447	117.6E6	5.282	5.823
16) A 4,4'-DDD	6.705	5.930	17309927	106.0E6	5.044	5.539
17) MA 4,4'-DDT	7.020	6.183	17917151	105.5E6	4.730	5.201
18) B Endrin al...	6.915	6.258	15662567	82403117	5.112	5.382
19) B Endosulfa...	7.149	6.482	18777070	106.7E6	4.893	5.440
20) A Methoxychlor	7.493	6.754	9790427	58167020	4.845	5.402
21) B Endrin ke...	7.630	6.991	19497331	115.9E6	4.787	5.366
22) Mirex	8.114	7.185	17069786	99277144	5.615	5.953

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
Data File : PD089065.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 20:08
Operator : AR\AJ
Sample : Q2358-01MS 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

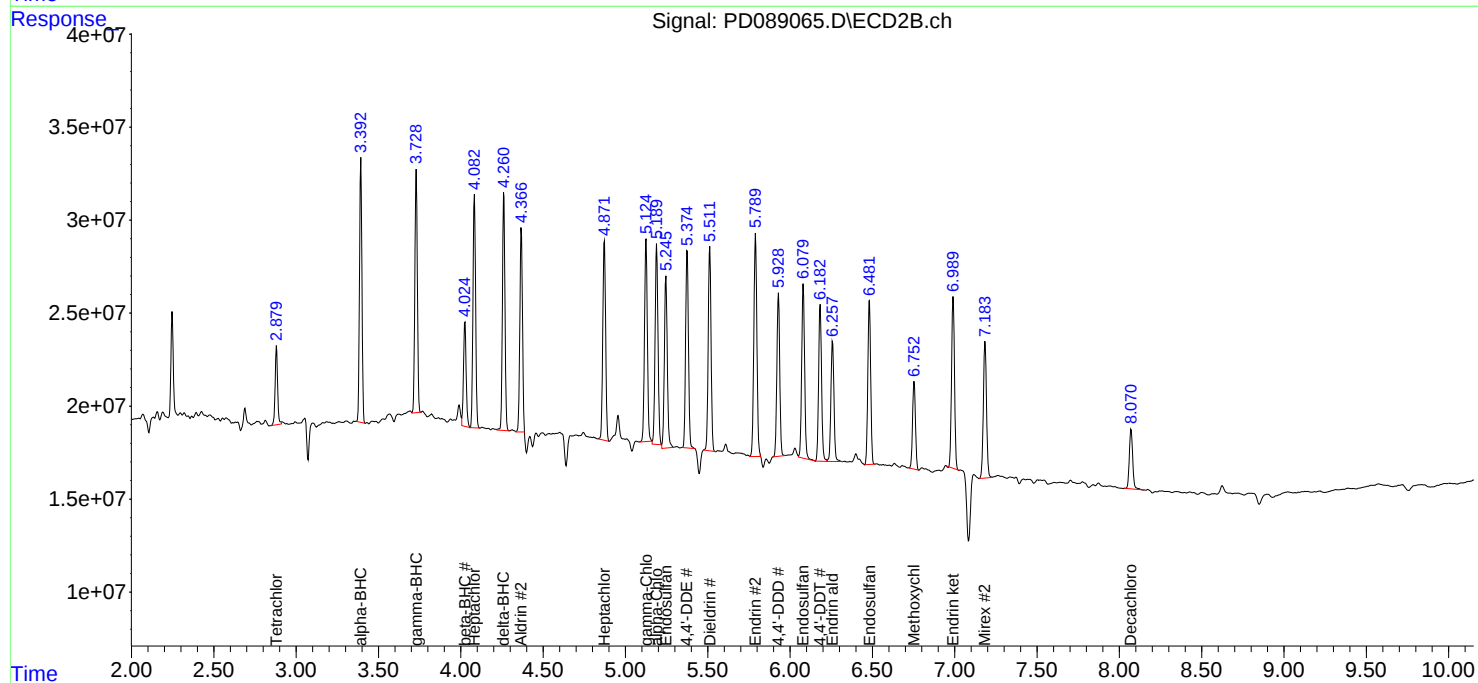
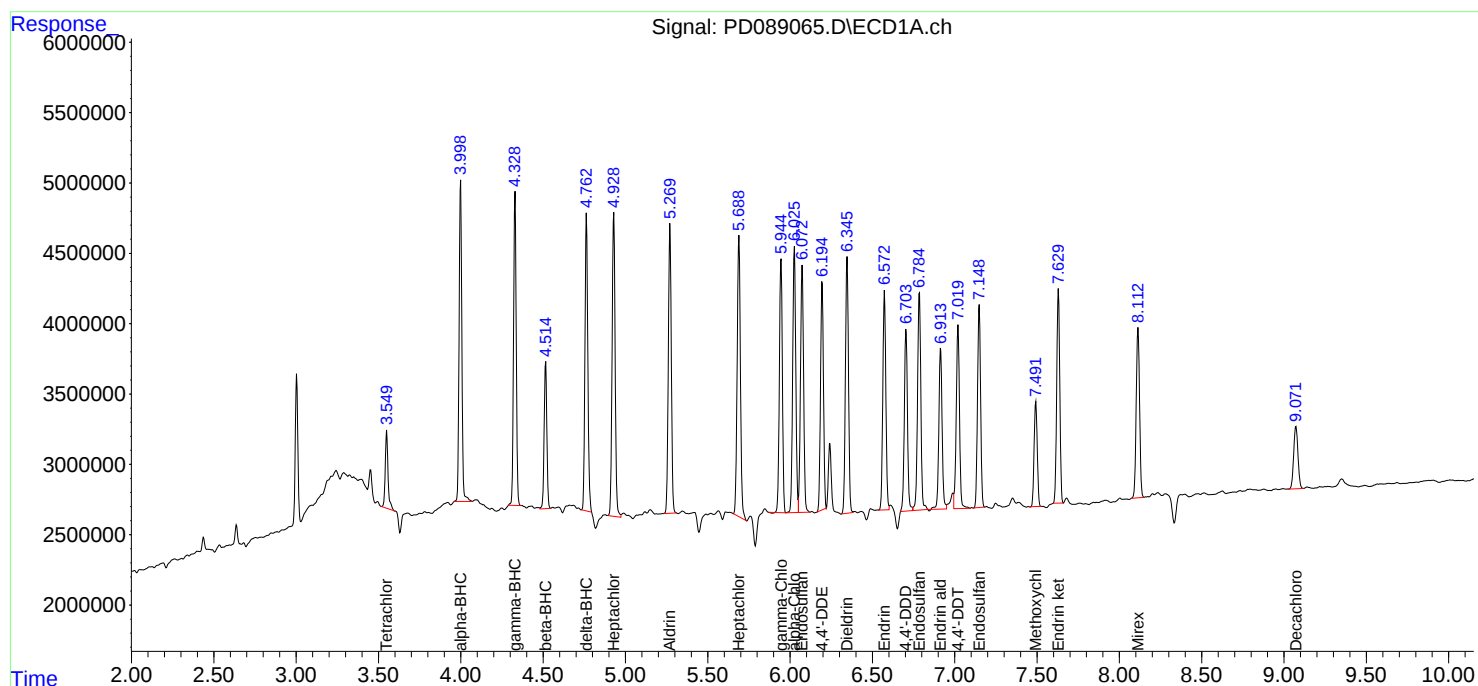
Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

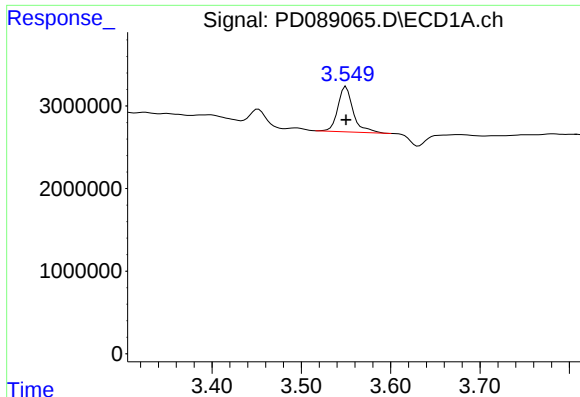
Manual Integrations
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Supervised By :mohammad ahmed 06/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 23:06:58 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





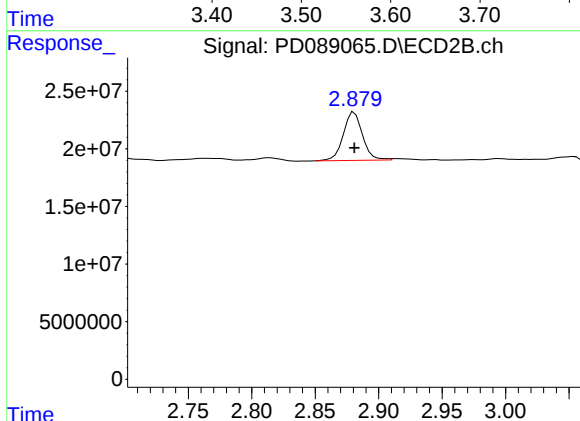
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 6467867
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

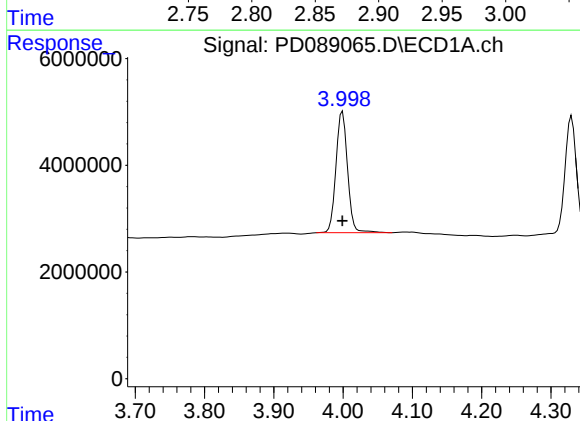
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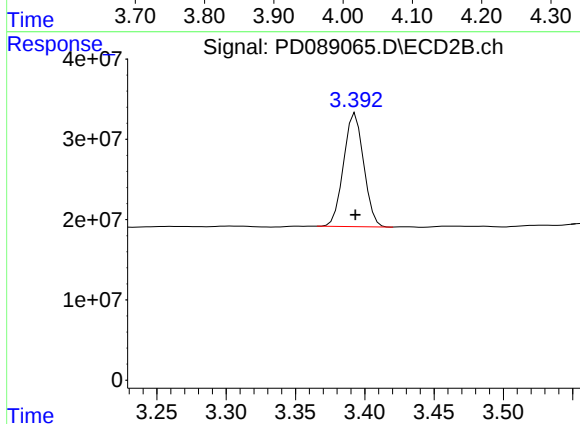
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 44096677
Conc: 2.60 ng/ml



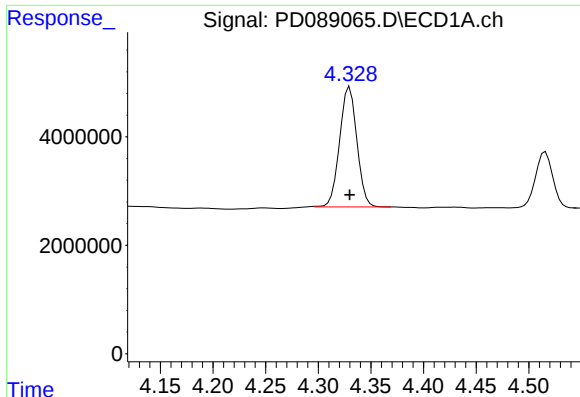
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 26466708
Conc: 4.54 ng/ml



#2 alpha-BHC

R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 143102493
Conc: 5.34 ng/ml



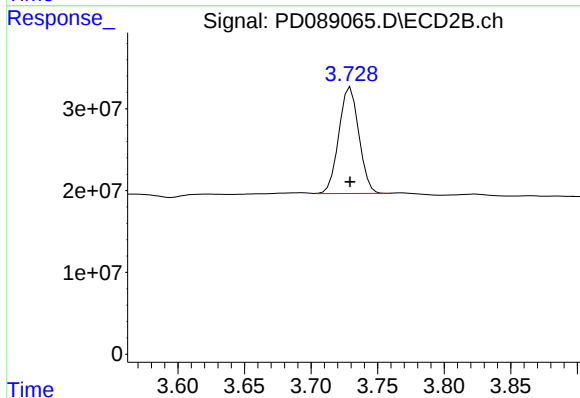
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 25368475
Conc: 4.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

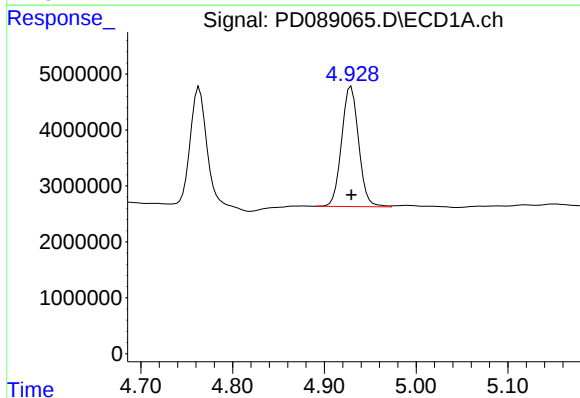
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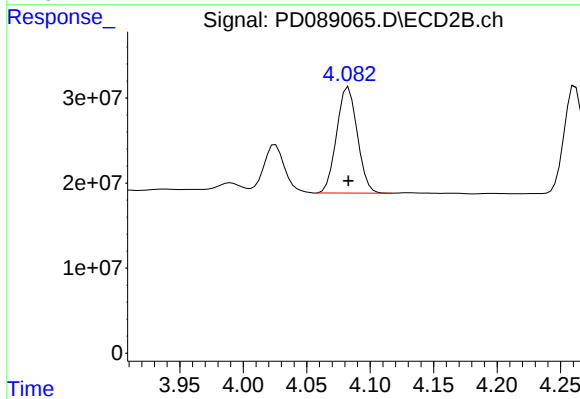
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 136268960
Conc: 5.50 ng/ml



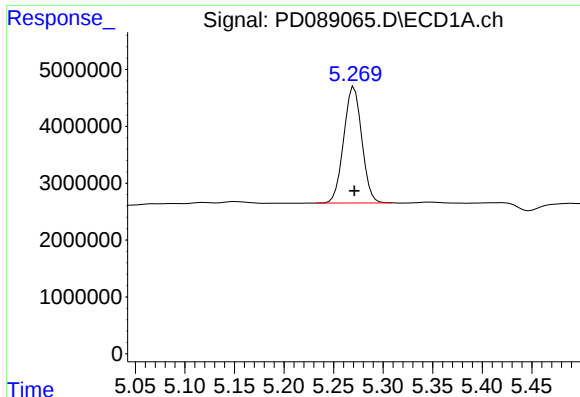
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 27666262
Conc: 5.07 ng/ml



#4 Heptachlor

R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 141353144
Conc: 5.65 ng/ml



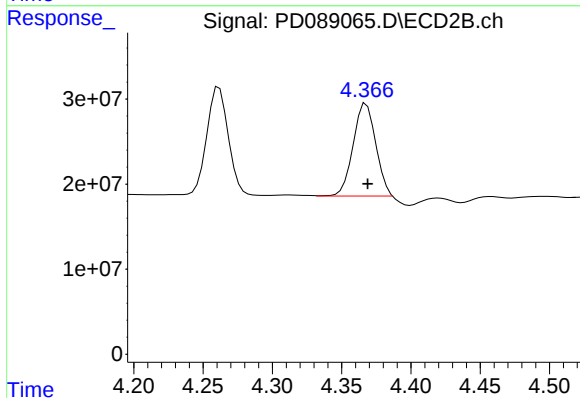
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 25967194
Conc: 4.89 ng/ml

Instrument :
ECD_D
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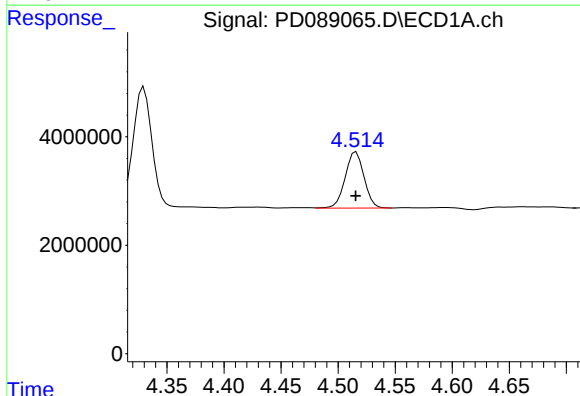
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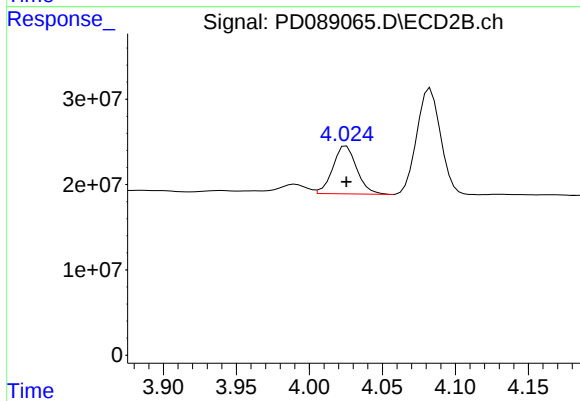
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.002 min
Response: 123248275
Conc: 5.09 ng/ml m



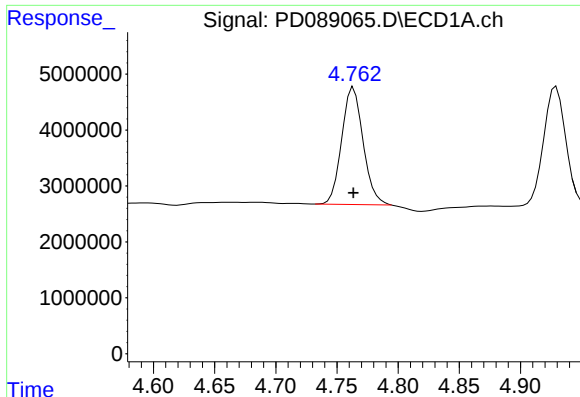
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 11952622
Conc: 5.42 ng/ml



#6 beta-BHC

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 64120468
Conc: 5.97 ng/ml



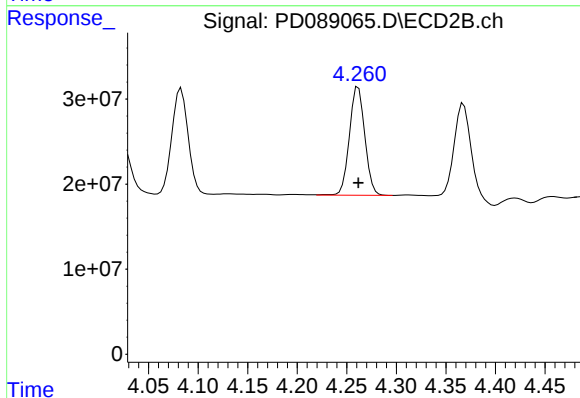
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 25523890
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

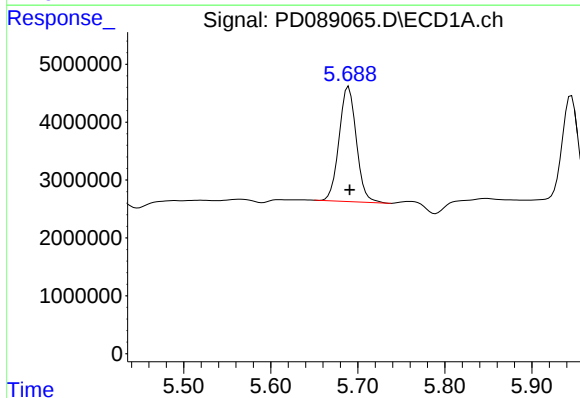
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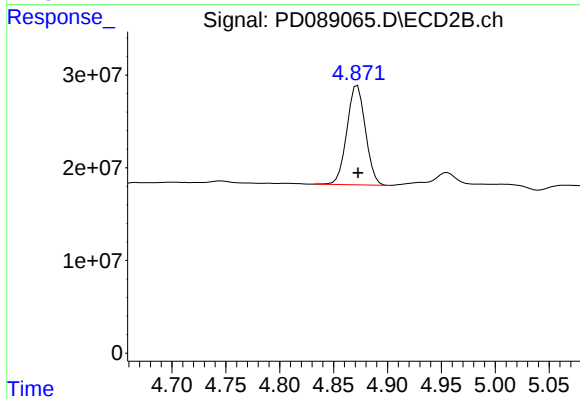
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 138330166
Conc: 5.56 ng/ml



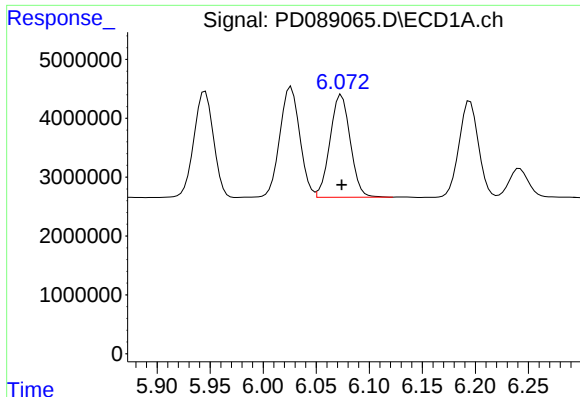
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: -0.001 min
Response: 27360724
Conc: 5.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 128529035
Conc: 5.87 ng/ml



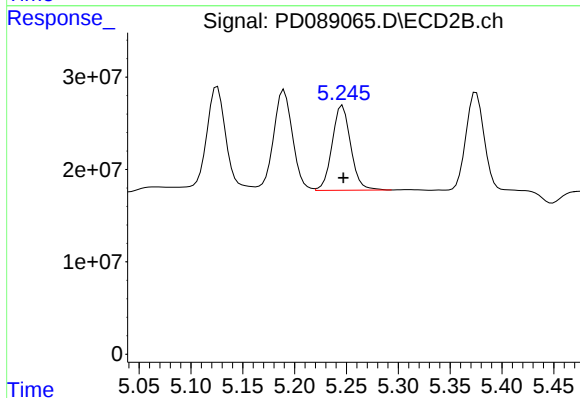
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 23185663
Conc: 5.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

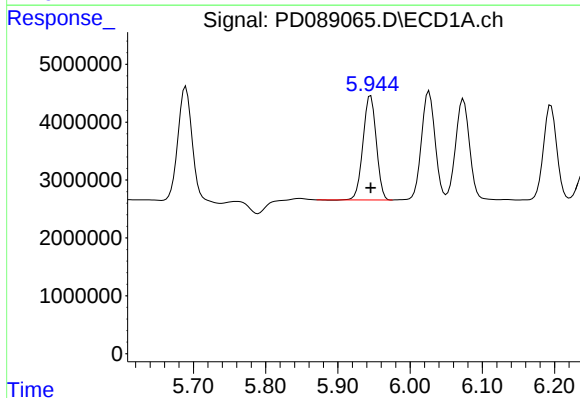
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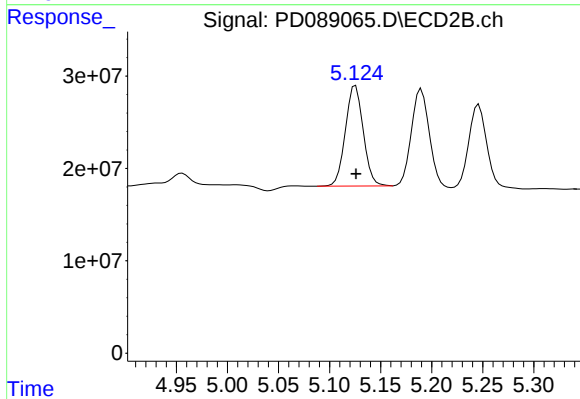
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 114850413
Conc: 5.51 ng/ml



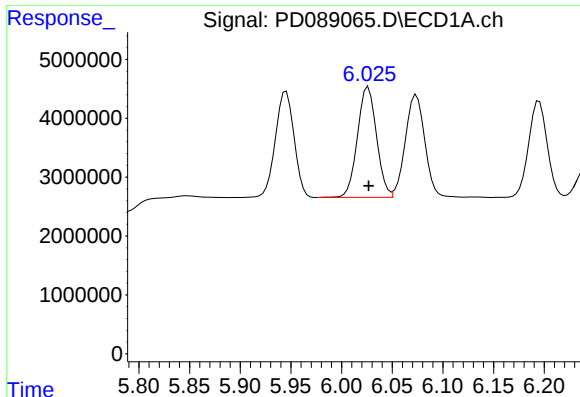
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 23013142
Conc: 4.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 132492913
Conc: 5.54 ng/ml m



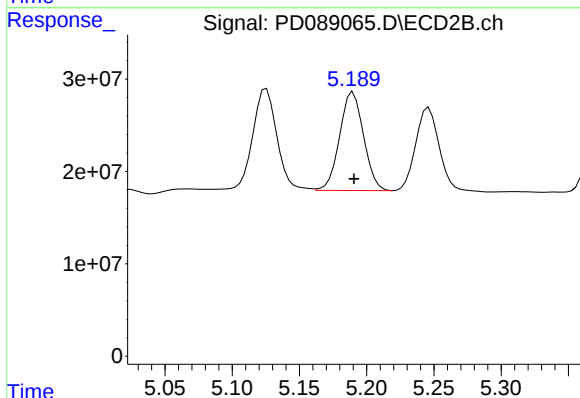
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 24673568
Conc: 5.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

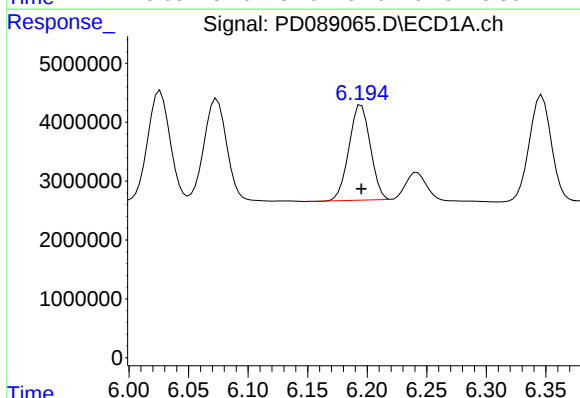
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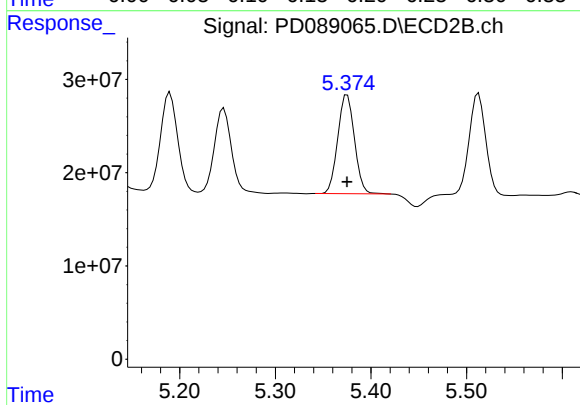
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.002 min
Response: 131711673
Conc: 5.75 ng/ml m



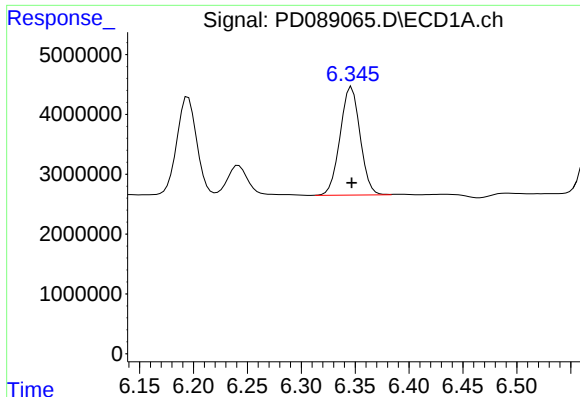
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 20204509
Conc: 4.63 ng/ml



#12 4,4'-DDE

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 129069392
Conc: 5.63 ng/ml



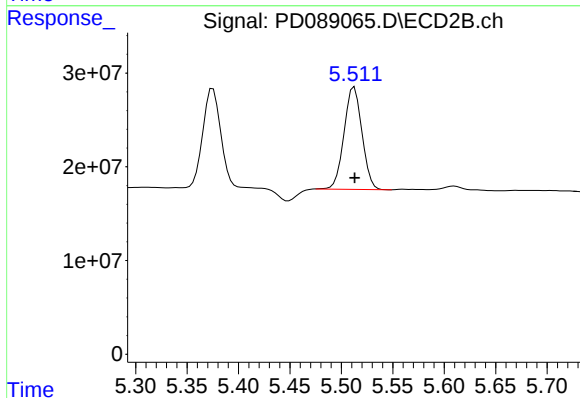
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 23349147
Conc: 4.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
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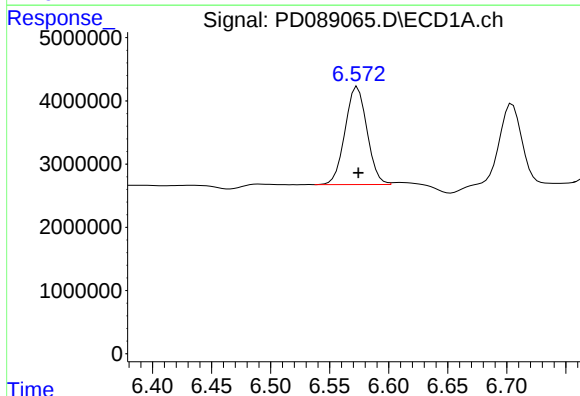
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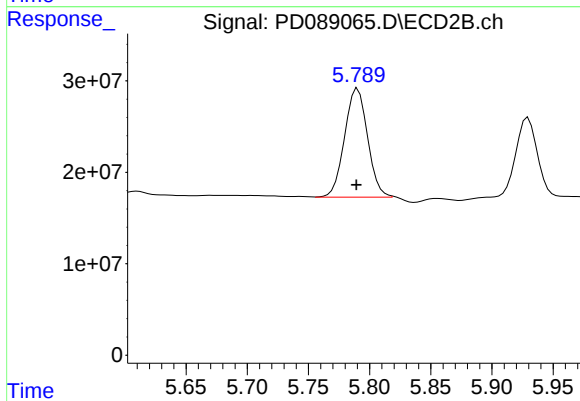
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.000 min
Response: 132594192
Conc: 5.71 ng/ml



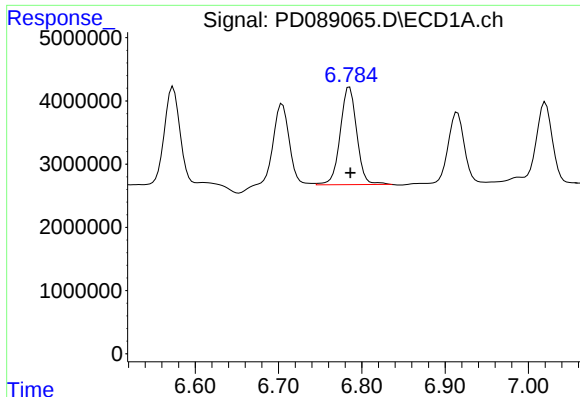
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 19998798
Conc: 4.85 ng/ml m



#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 155411379
Conc: 7.16 ng/ml m



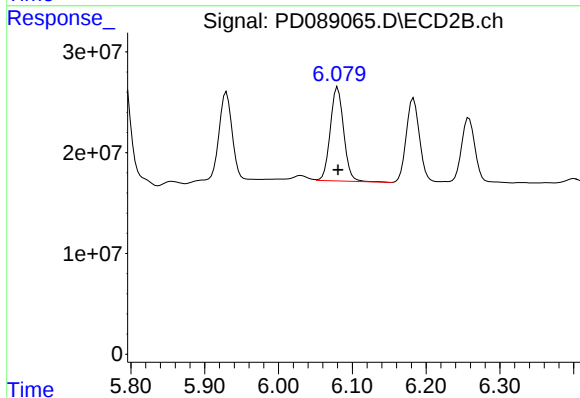
#15 Endosulfan II

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 21321447
Conc: 5.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
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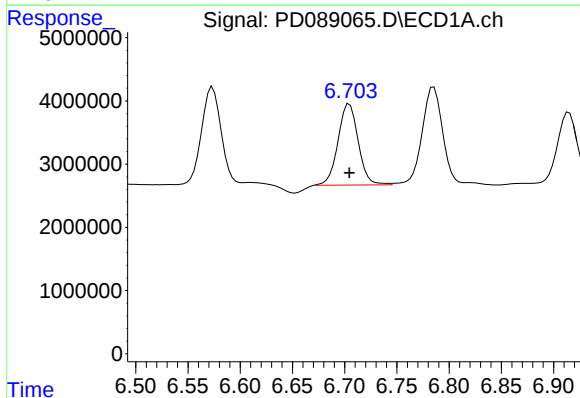
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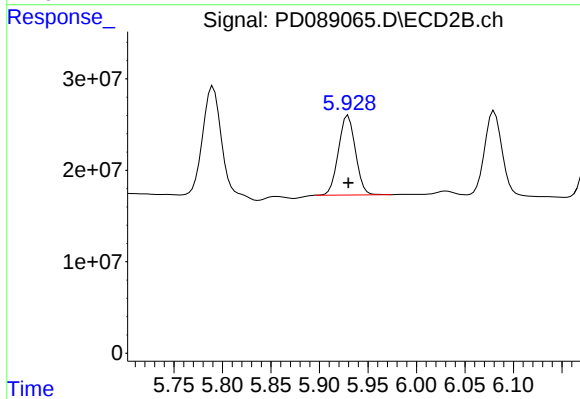
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 117613240
Conc: 5.82 ng/ml



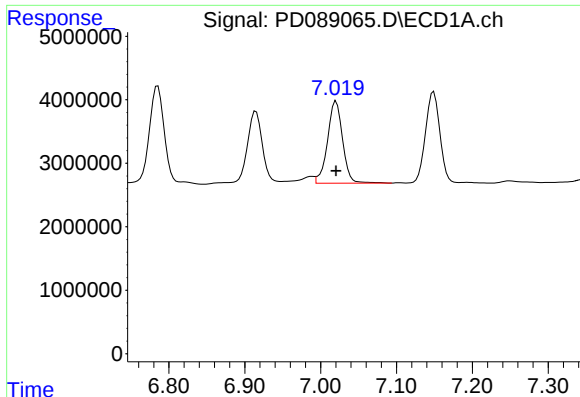
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 17309927
Conc: 5.04 ng/ml



#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 105954356
Conc: 5.54 ng/ml



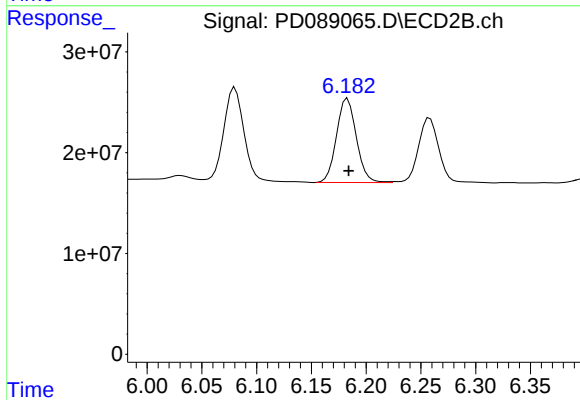
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 17917151
Conc: 4.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

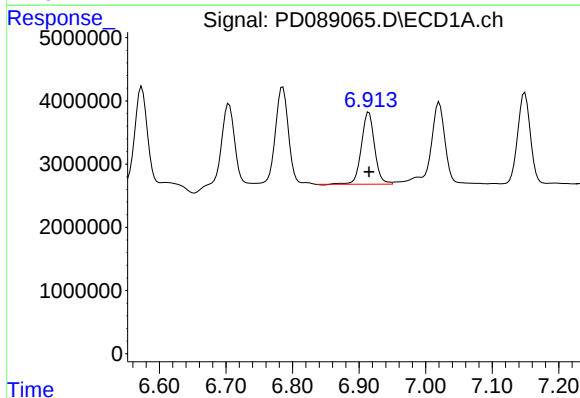
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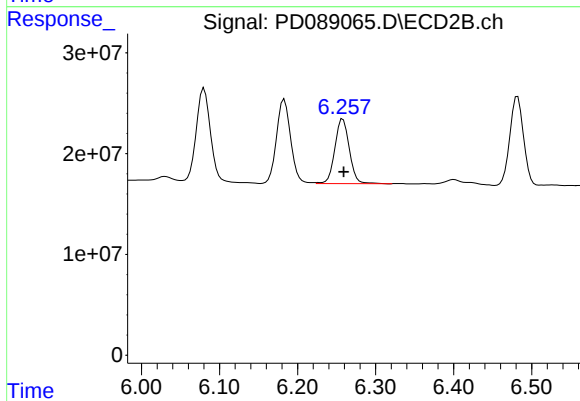
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 105469173
Conc: 5.20 ng/ml



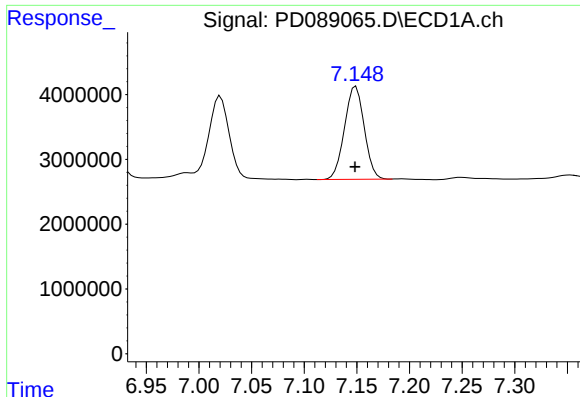
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 15662567
Conc: 5.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 82403117
Conc: 5.38 ng/ml



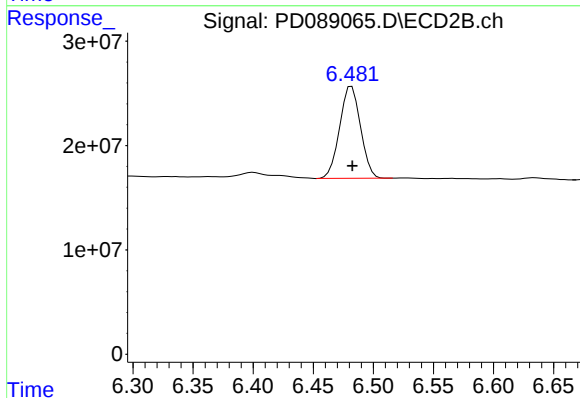
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 18777070
Conc: 4.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

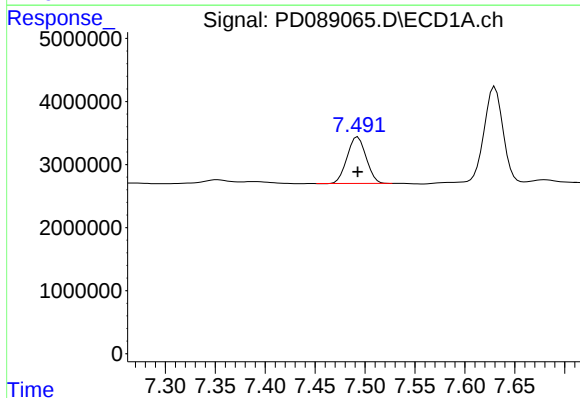
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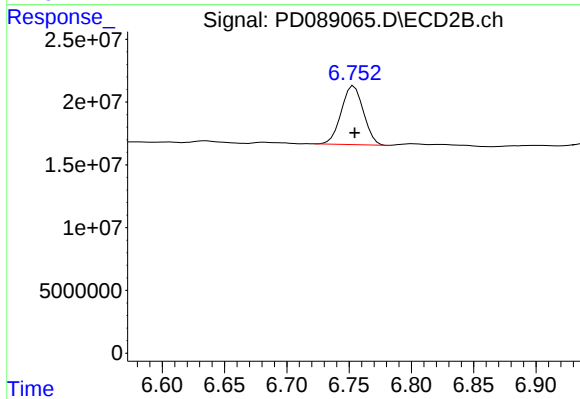
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 106746499
Conc: 5.44 ng/ml



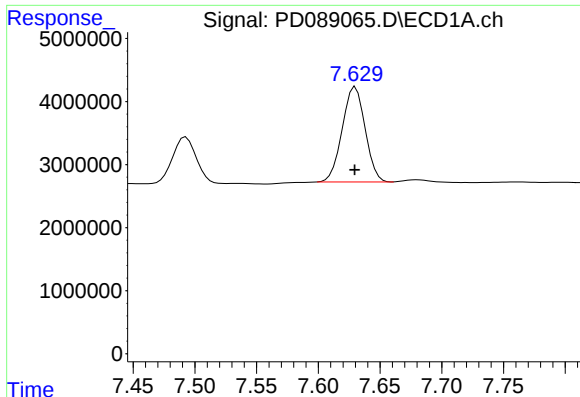
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 9790427
Conc: 4.85 ng/ml



#20 Methoxychlor

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 58167020
Conc: 5.40 ng/ml



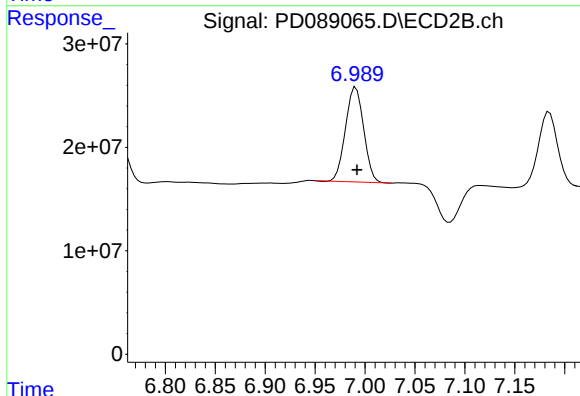
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 19497331
Conc: 4.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

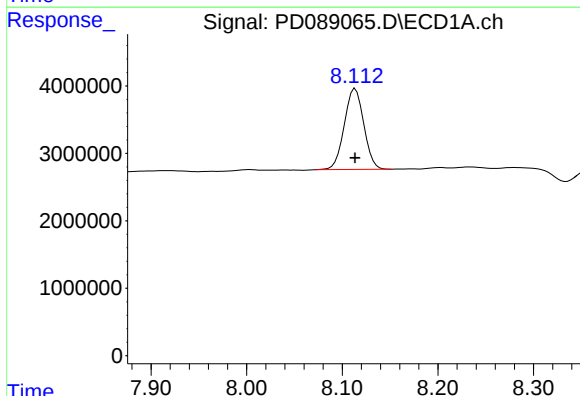
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/23/2025
Supervised By :mohammad ahmed 06/24/2025



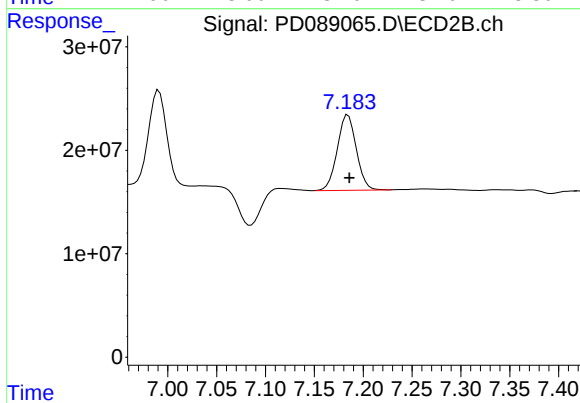
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 115919822
Conc: 5.37 ng/ml



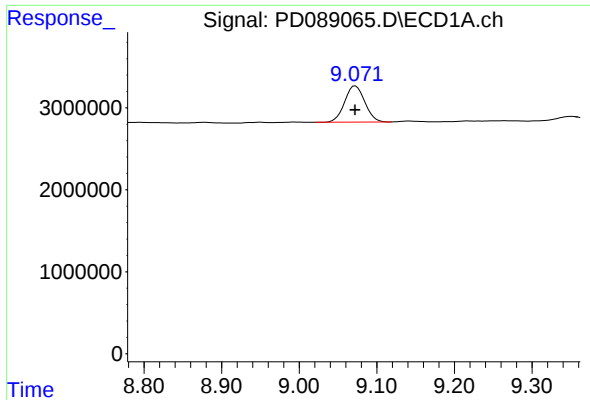
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 17069786
Conc: 5.61 ng/ml



#22 Mirex

R.T.: 7.185 min
Delta R.T.: -0.001 min
Response: 99277144
Conc: 5.95 ng/ml



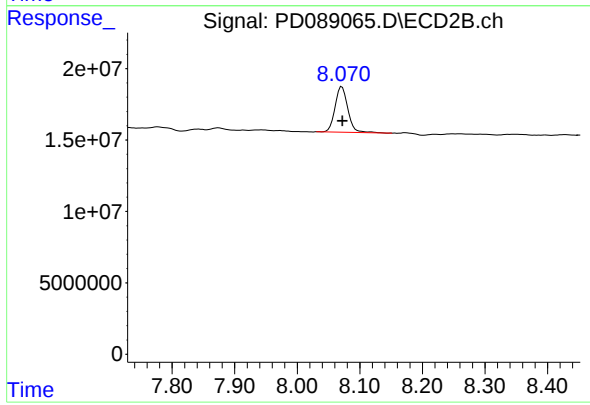
#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 7974913
Conc: 2.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
NB-07-06182025MS

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#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: 0.000 min
Response: 44981879
Conc: 2.28 ng/ml