

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
 Data File : PL096129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 17:30
 Operator : AR\AJ
 Sample : Q2358-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-07-06182025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2025
 Supervised By :mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 19 23:01:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 17:11:36 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 x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.570	2.881	7023925	9910323	1.930m	2.089
2) SA Decachlor...	9.116	8.065	5172026	10154774	1.806m	1.685
Target Compounds						
6) B beta-BHC	4.541	4.018	990990	1130318	0.440m	0.373m
7) B delta-BHC	4.789	4.252	3052360	2917663	0.587m	0.425m#
8) B Heptachlo...	5.714	4.861	1466025	2288203	0.323m	0.371m
9) A Endosulfan I	6.097	5.234	1800514	4827990	0.419m	0.753m#
10) B gamma-Chl...	5.968	5.114	2379656	2956551	0.511m	0.444m
11) B alpha-Chl...	6.049	5.179	2190437	4041353	0.473m	0.593m#
12) B 4,4'-DDE	6.220	5.366	2183283	2949685	0.504m	0.450m
13) MA Dieldrin	6.371	5.500	2286039	3379651	0.495m	0.515m
14) MA Endrin	6.599	5.777	1697997	2593551	0.447m	0.437m
15) B Endosulfa...	6.811	6.068	2684310	2635049	0.678m	0.443m#
16) A 4,4'-DDD	6.731	5.920	2060706	1858132	0.591m	0.338m#
19) B Endosulfa...	7.176	6.472	2193982	3179551	0.605m	0.559m
20) A Methoxychlor	7.525	6.748	657787	1362622	0.369m	0.415m
21) B Endrin ke...	7.658	6.978	1895313	2382297	0.487m	0.359m#
22) Mirex	8.141	7.172	1691517	2000793	0.571m	0.358m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
Data File : PL096129.D
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Acq On : 19 Jun 2025 17:30
Operator : AR\AJ
Sample : Q2358-01 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

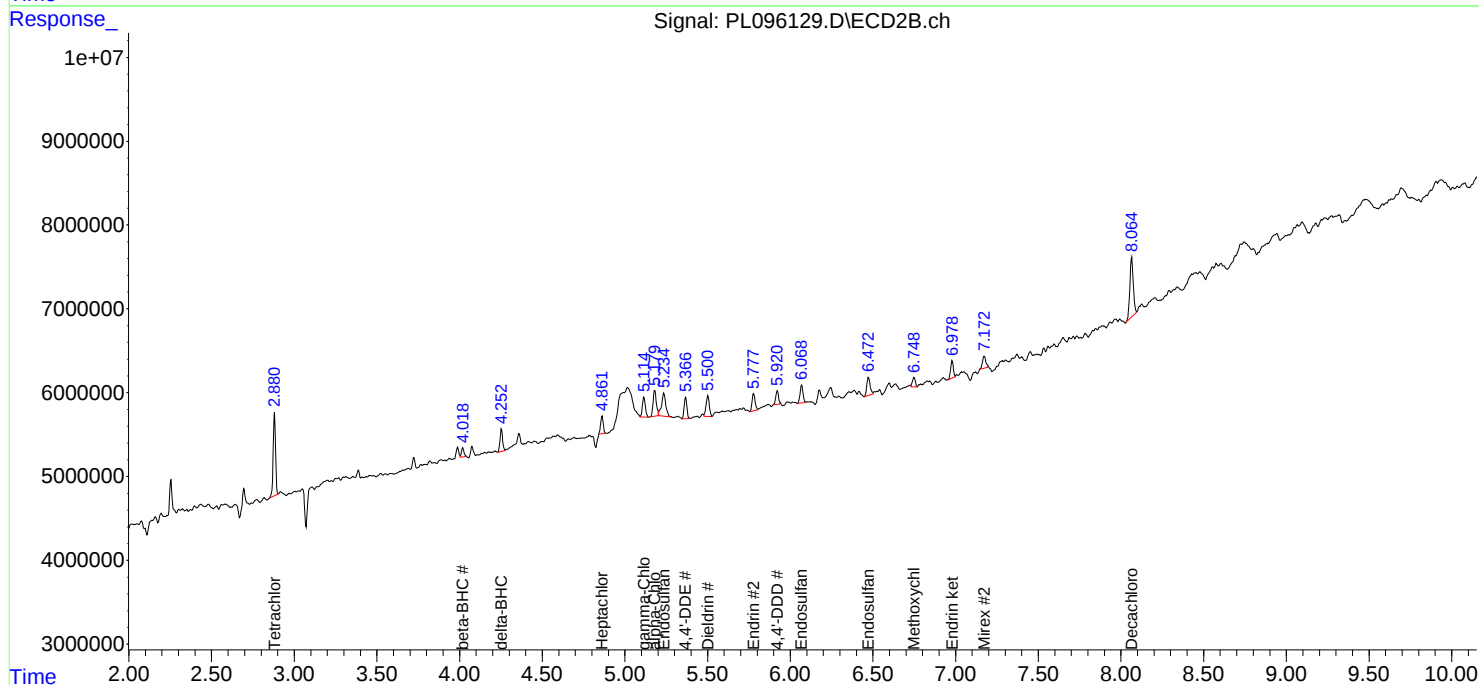
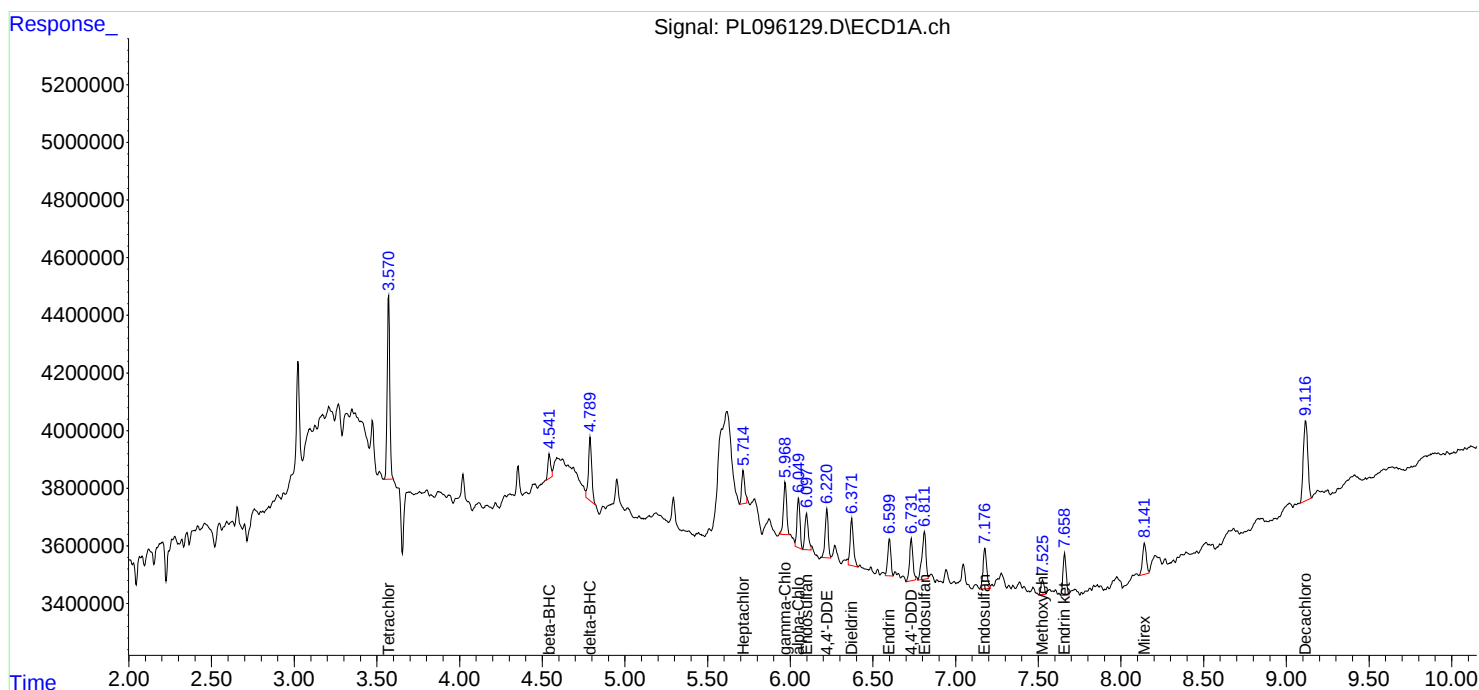
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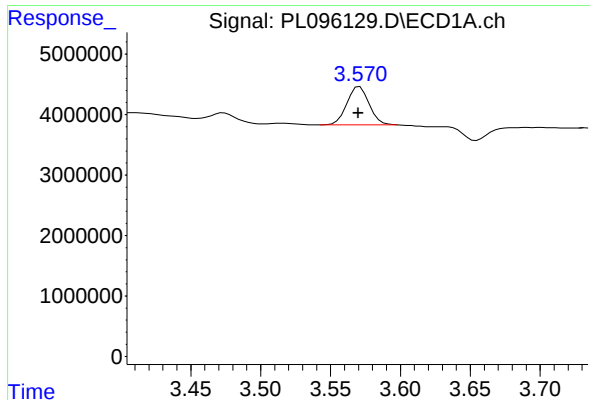
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 23:01:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
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Signal #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 x0.25µm





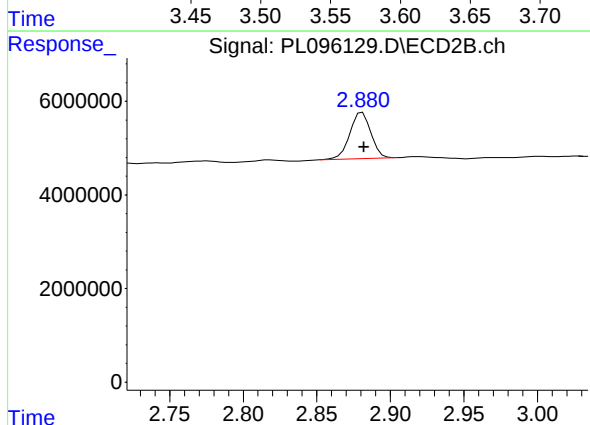
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 7023925
Conc: 1.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025

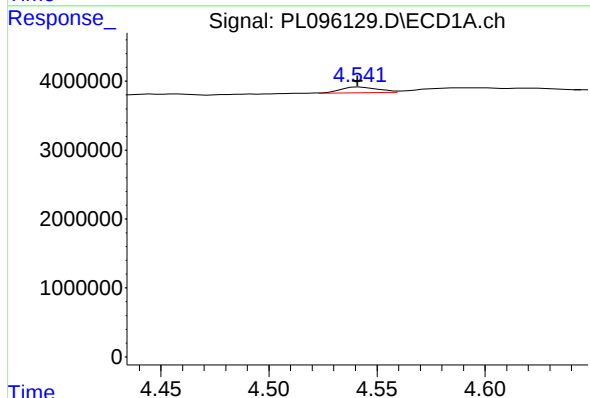
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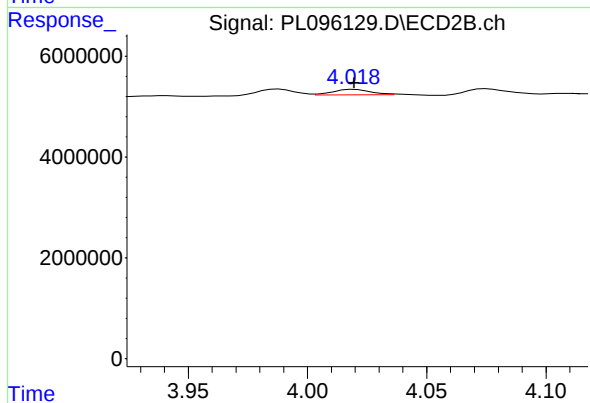
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 9910323
Conc: 2.09 ng/ml



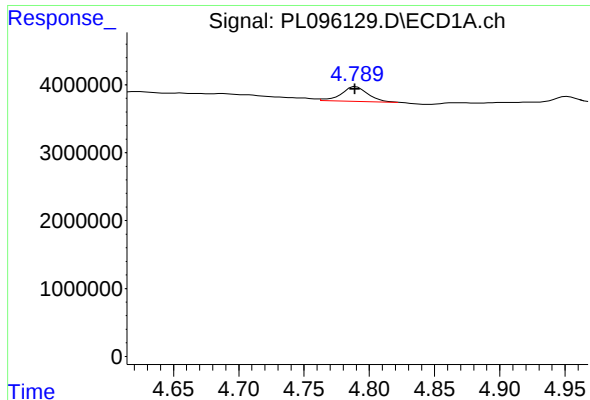
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 990990
Conc: 0.44 ng/ml m



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 1130318
Conc: 0.37 ng/ml m



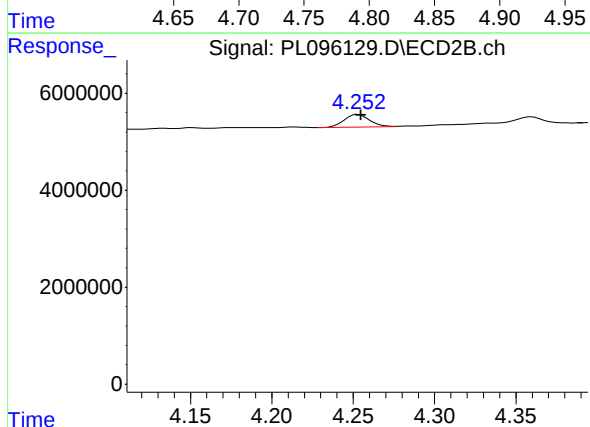
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 3052360
Conc: 0.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025

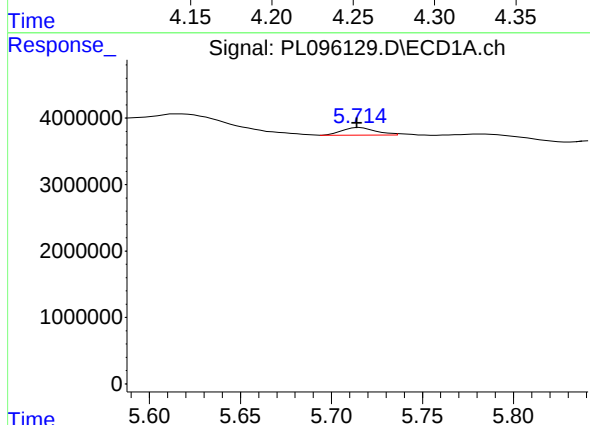
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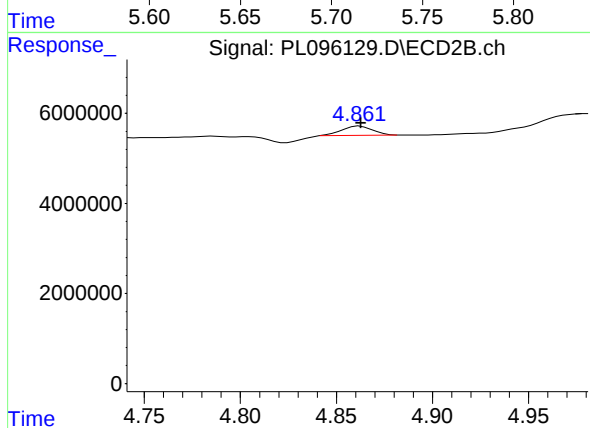
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.003 min
Response: 2917663
Conc: 0.42 ng/ml



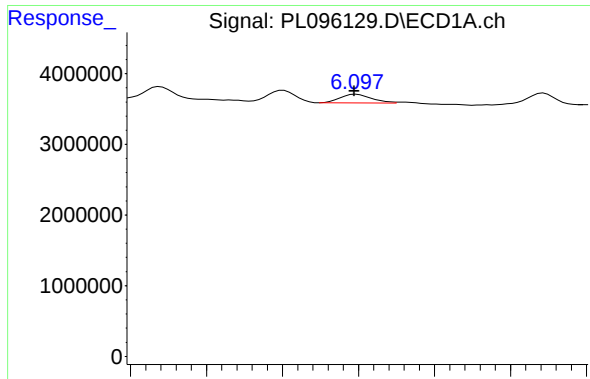
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 1466025
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 2288203
Conc: 0.37 ng/ml



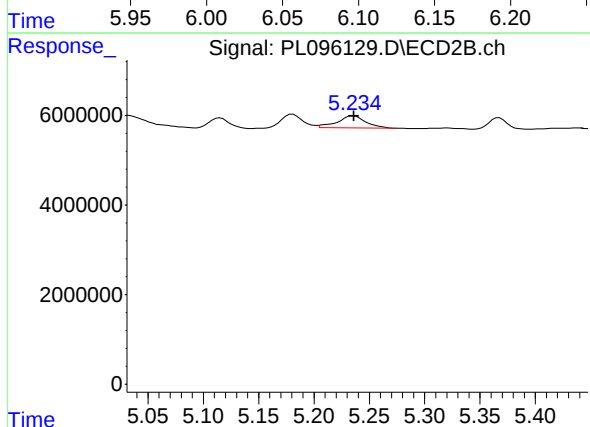
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 1800514
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025

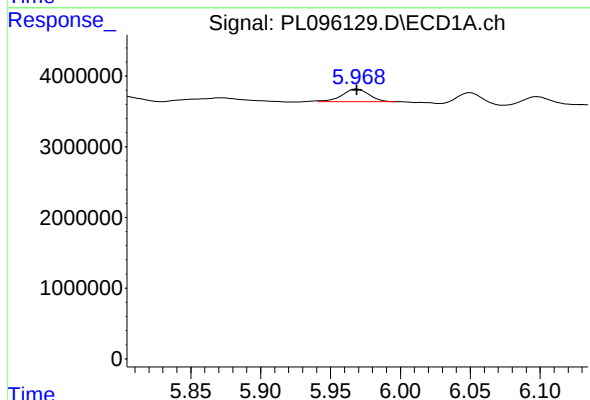
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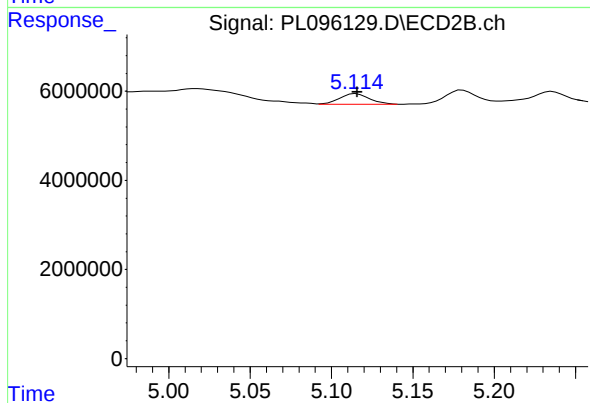
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 4827990
Conc: 0.75 ng/ml



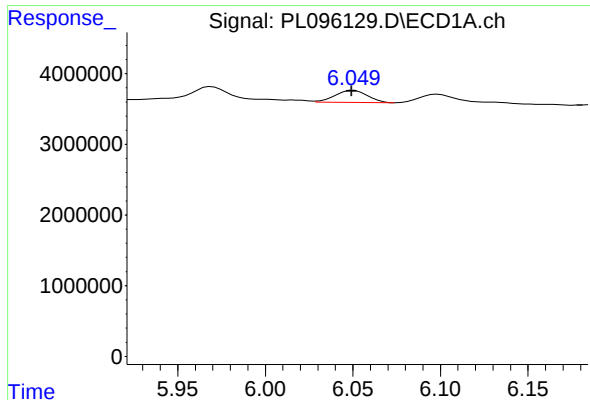
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 2379656
Conc: 0.51 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 2956551
Conc: 0.44 ng/ml



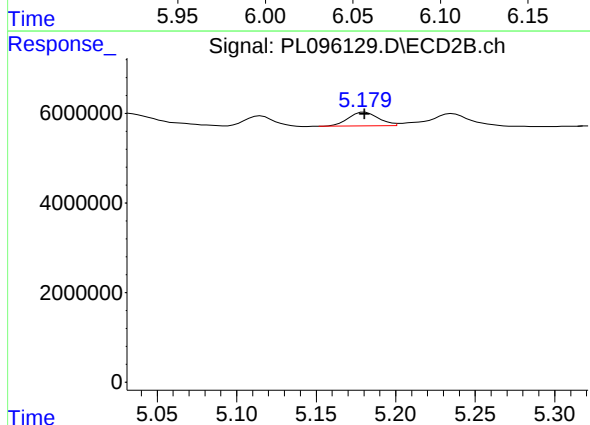
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 2190437
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025

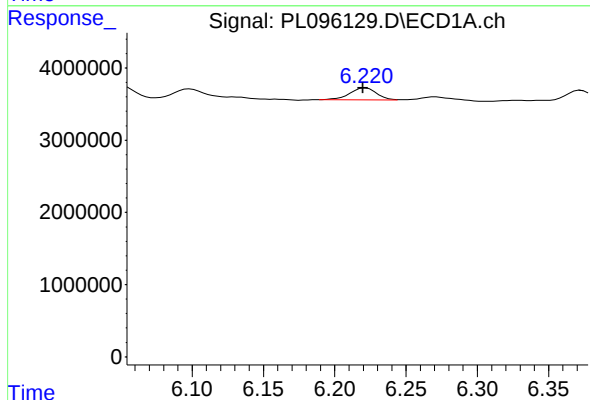
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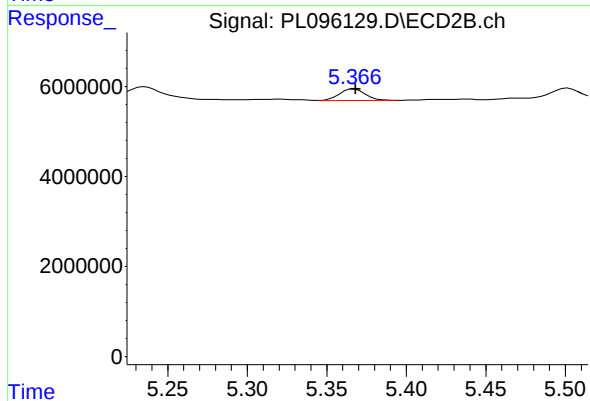
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: -0.001 min
Response: 4041353
Conc: 0.59 ng/ml



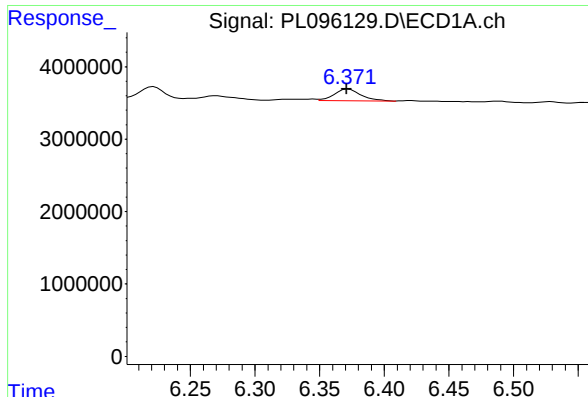
#12 4,4'-DDE

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 2183283
Conc: 0.50 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.002 min
Response: 2949685
Conc: 0.45 ng/ml



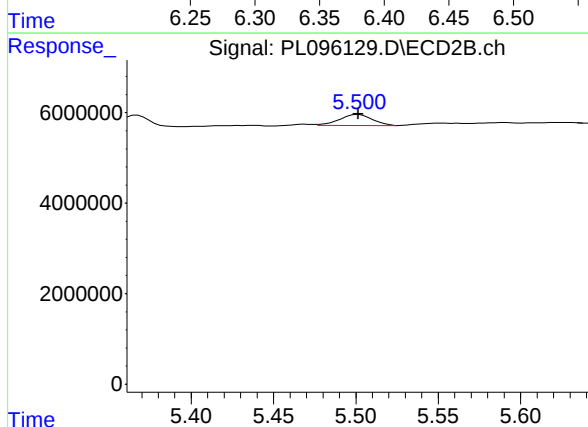
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 2286039
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025

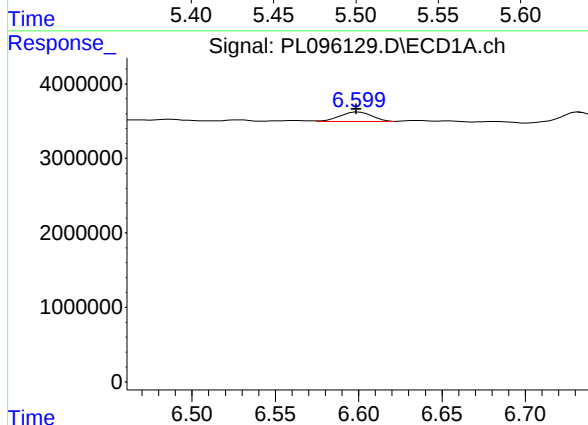
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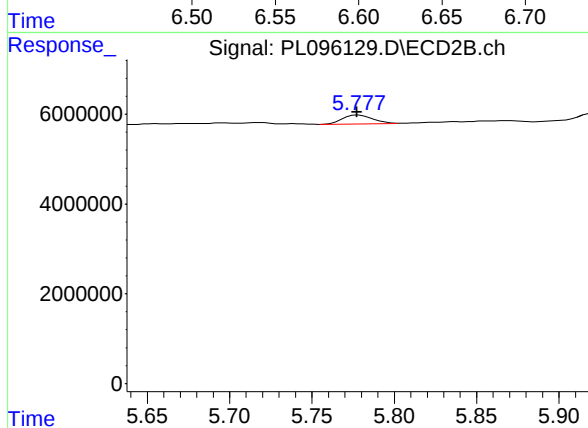
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 3379651
Conc: 0.52 ng/ml



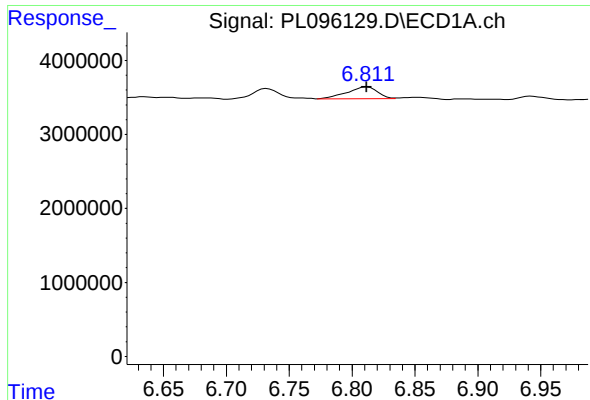
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 1697997
Conc: 0.45 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2593551
Conc: 0.44 ng/ml



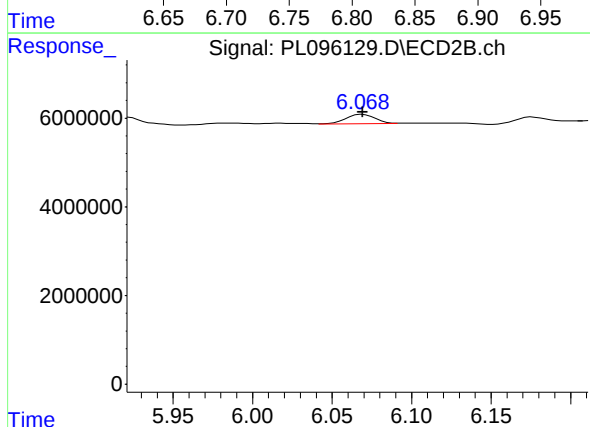
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: -0.001 min
Response: 2684310
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025

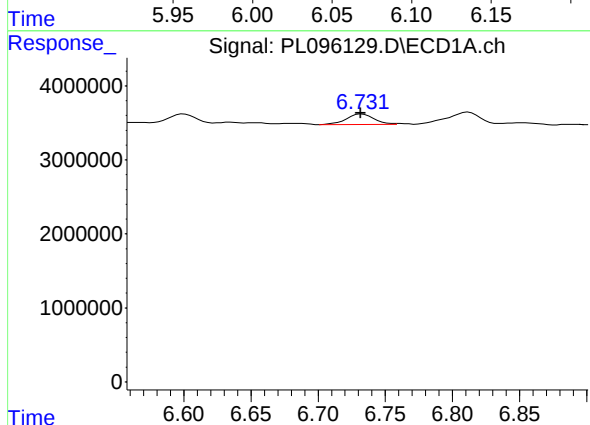
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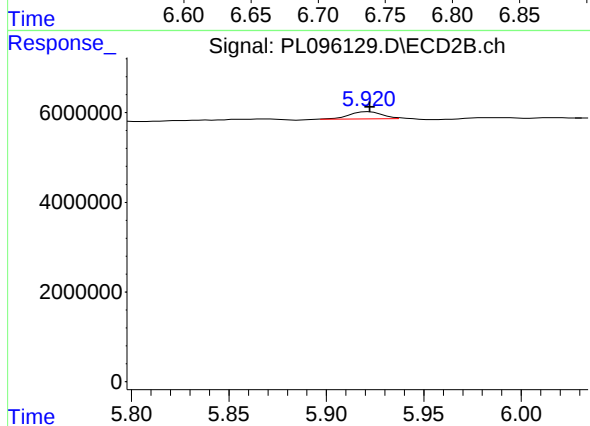
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 2635049
Conc: 0.44 ng/ml



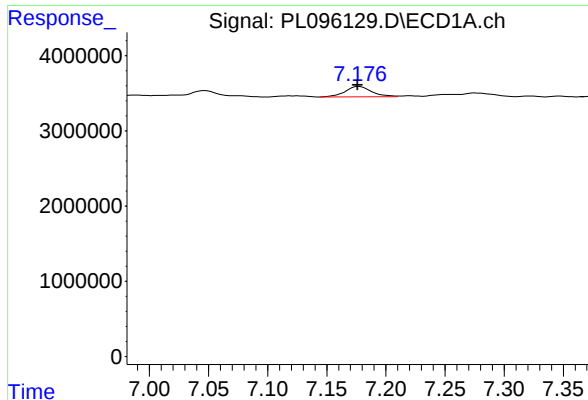
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 2060706
Conc: 0.59 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 1858132
Conc: 0.34 ng/ml



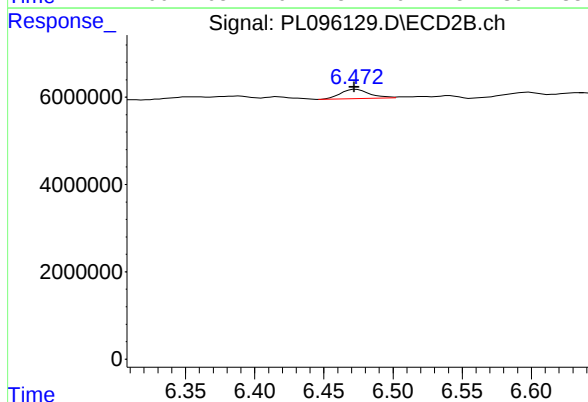
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 2193982
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025

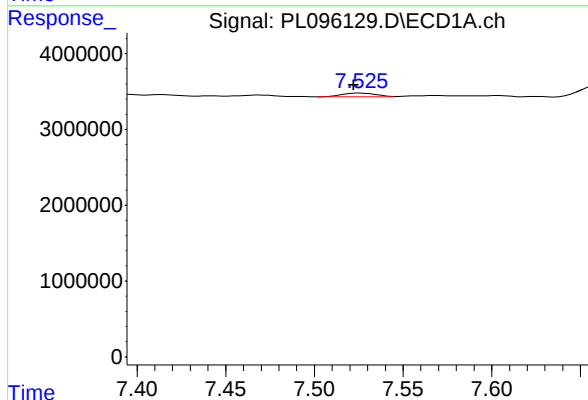
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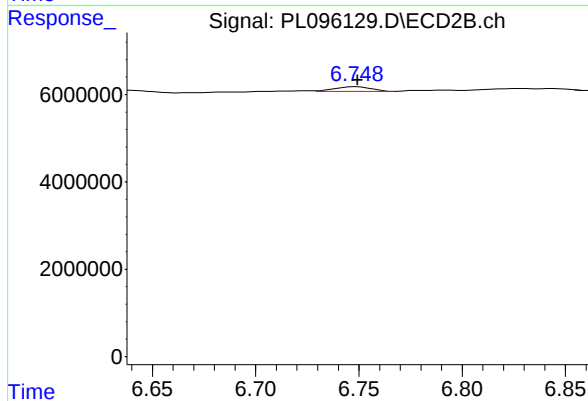
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 3179551
Conc: 0.56 ng/ml



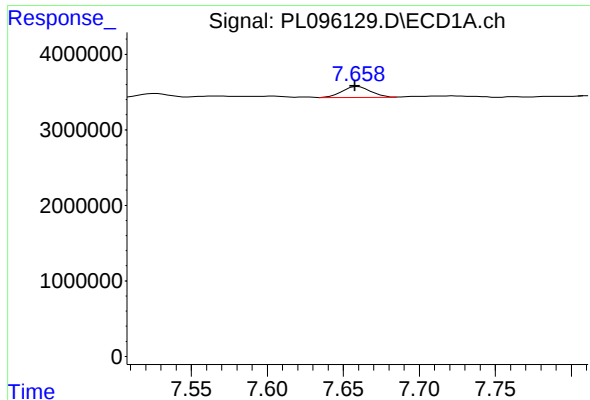
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.003 min
Response: 657787
Conc: 0.37 ng/ml



#20 Methoxychlor

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 1362622
Conc: 0.42 ng/ml



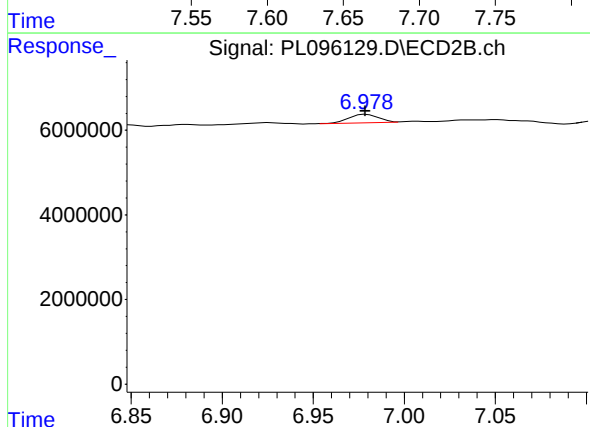
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 1895313
Conc: 0.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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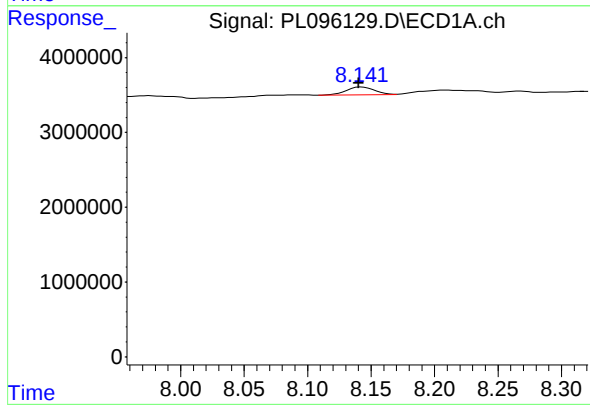
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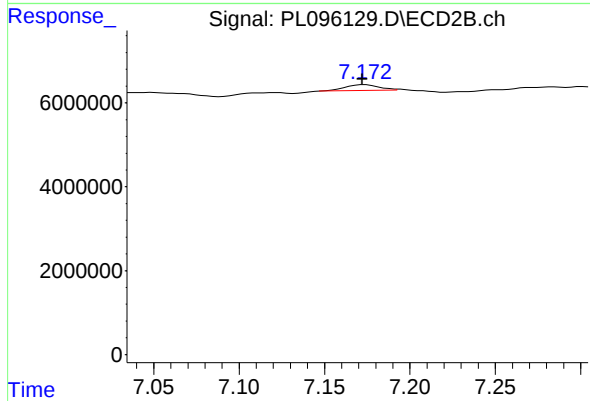
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: -0.001 min
Response: 2382297
Conc: 0.36 ng/ml m



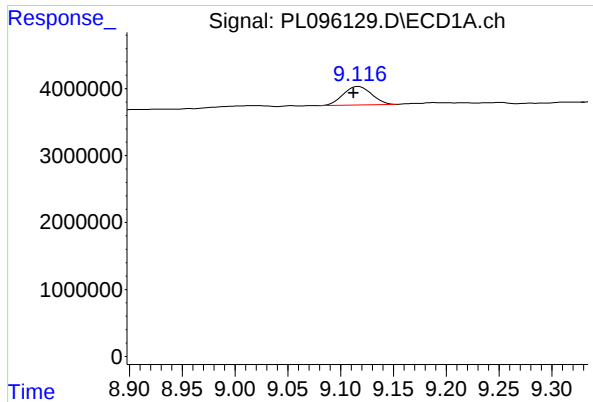
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 1691517
Conc: 0.57 ng/ml m



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 2000793
Conc: 0.36 ng/ml m



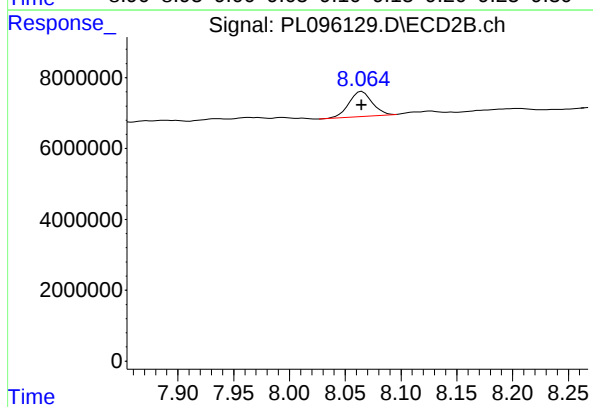
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 5172026
Conc: 1.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 10154774
Conc: 1.68 ng/ml