

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
 Data File : PL096130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 17:43
 Operator : AR\AJ
 Sample : Q2358-01MS 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-07-06182025MS

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 23:02:08 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...	3.569	2.881	6921475	9887624	1.902m	2.085
28) SA Decachlor...	9.115	8.066	4620581	7405548	1.614m	1.229
Target Compounds						
2) A alpha-BHC	4.022	3.390	25880362	29050786	4.569	4.038
3) MA gamma-BHC...	4.354	3.724	23989395	28257040	4.534	4.124
4) MA Heptachlor	4.950	4.076	20699558	27262054	4.259m	3.909
5) MB Aldrin	5.293	4.360	22768875	27791227	4.466	4.224
6) B beta-BHC	4.542	4.018	10714773	13482385	4.752	4.450m
7) B delta-BHC	4.790	4.254	23798462	27615897	4.578	4.018
8) B Heptachlo...	5.715	4.863	21502435	26446826	4.736	4.289
9) A Endosulfan I	6.098	5.234	18978516	26870061	4.419	4.190m
10) B gamma-Chl...	5.969	5.114	20389467	27181864	4.378	4.087m
11) B alpha-Chl...	6.050	5.178	20079263	28388891	4.337	4.164m
12) B 4,4'-DDE	6.221	5.368	17179420	25492172	3.967	3.886
13) MA Dieldrin	6.372	5.501	19509318	24718096	4.221	3.767
14) MA Endrin	6.599	5.778	14975913	24291856	3.940	4.093
15) B Endosulfa...	6.813	6.069	17891446	23097898	4.517	3.885
16) A 4,4'-DDD	6.733	5.922	15351063	22593879	4.401	4.107
17) MA 4,4'-DDT	7.049	6.176	11058462	15889409	3.167	2.648
18) B Endrin al...	6.942	6.248	11448466	17851796	4.031	3.979
19) B Endosulfa...	7.177	6.472	14475233	19522005	3.992	3.434
20) A Methoxychlor	7.524	6.749	5228755	9329363	2.937	2.844
21) B Endrin ke...	7.660	6.978	15711079	22214178	4.034	3.347
22) Mirex	8.142	7.172	12285292	21085968	4.147	3.776

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
Data File : PL096130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2025 17:43
Operator : AR\AJ
Sample : Q2358-01MS 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

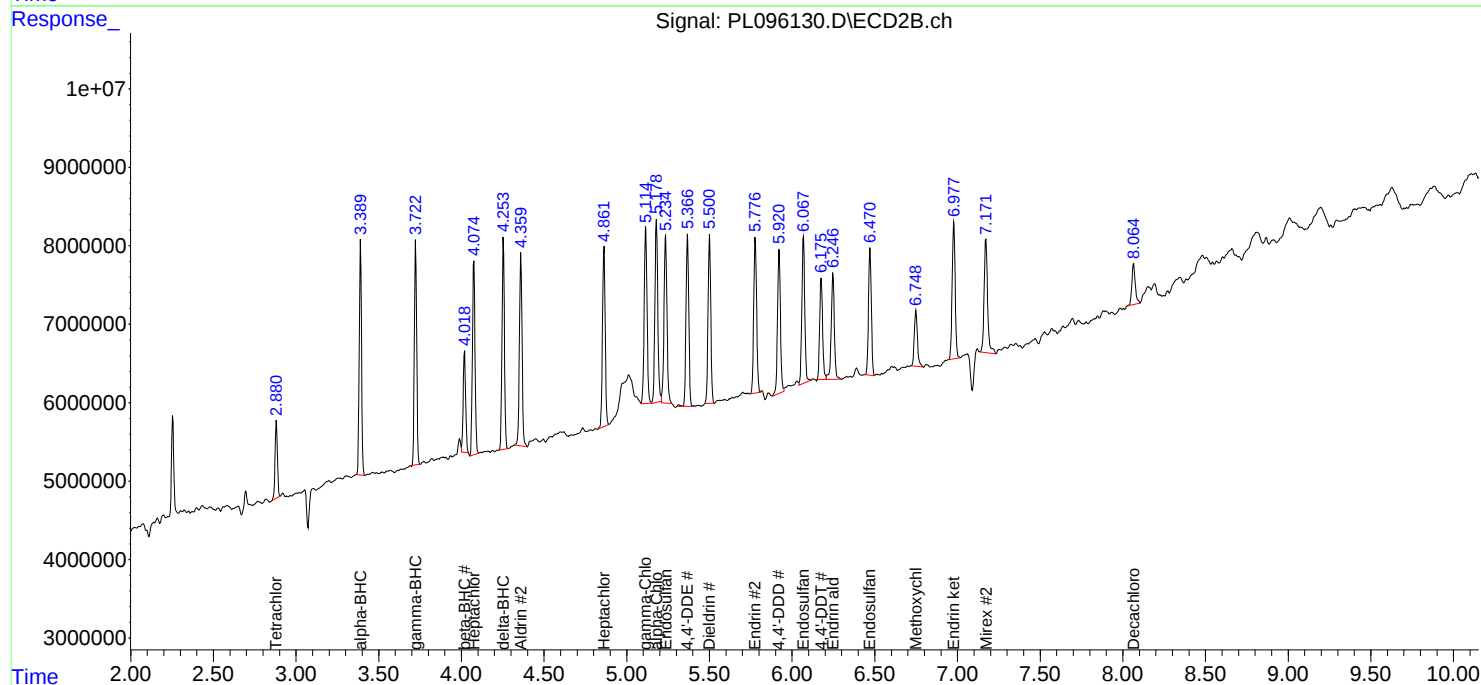
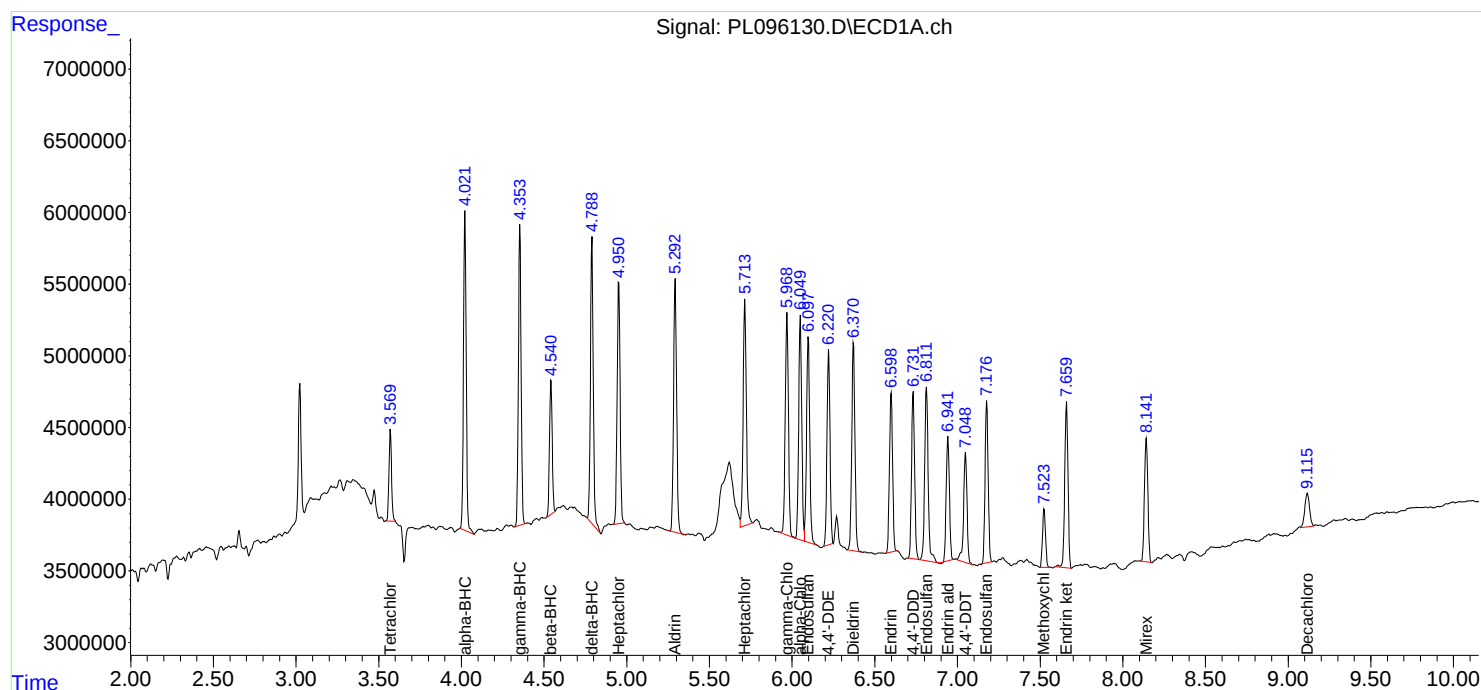
Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

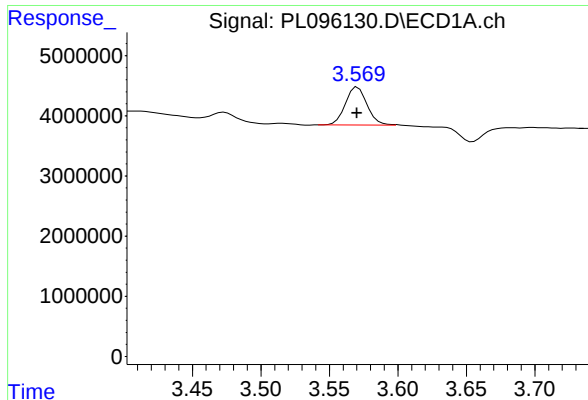
Manual Integrations
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Supervised By :mohammad ahmed 06/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 19 23:02:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
QLast Update : Tue Jun 17 17:11:36 2025
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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





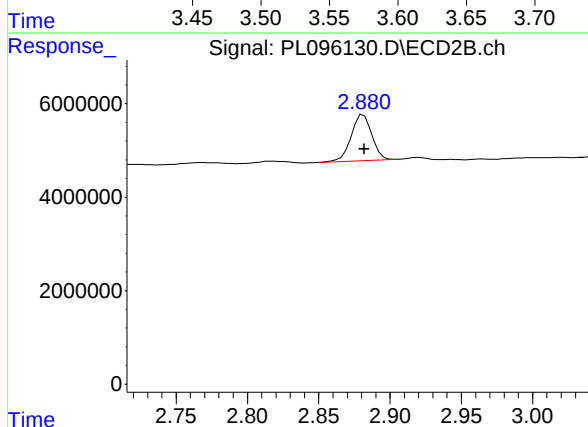
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 6921475
Conc: 1.90 ng/ml

Instrument :
ECD_L
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NB-07-06182025MS

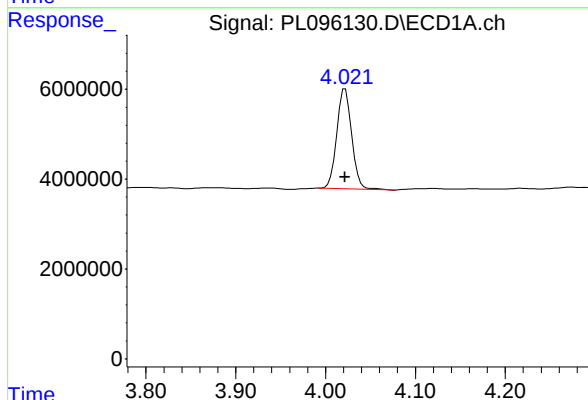
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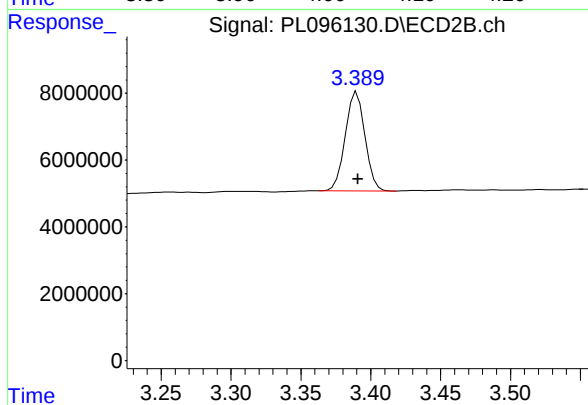
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 9887624
Conc: 2.08 ng/ml



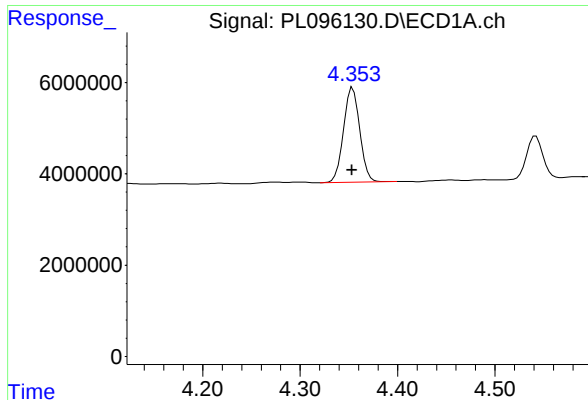
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 25880362
Conc: 4.57 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 29050786
Conc: 4.04 ng/ml



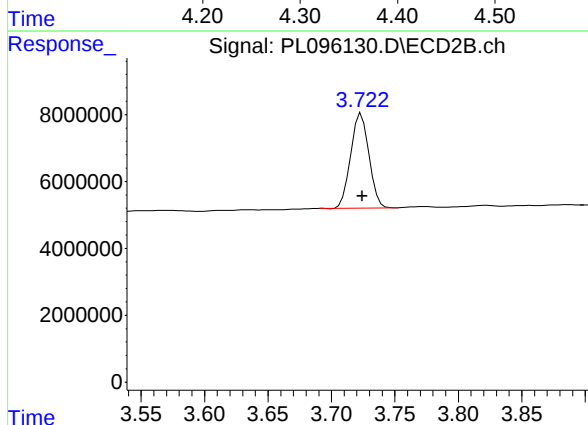
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 23989395
Conc: 4.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

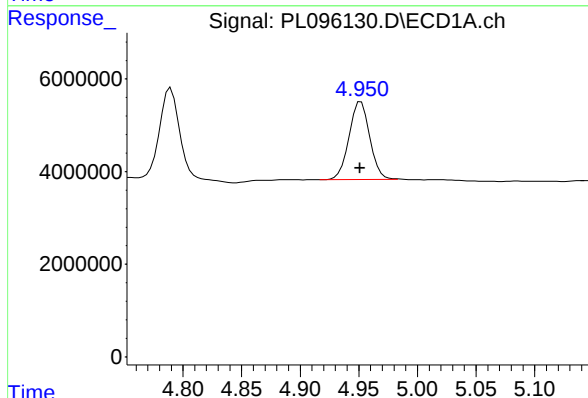
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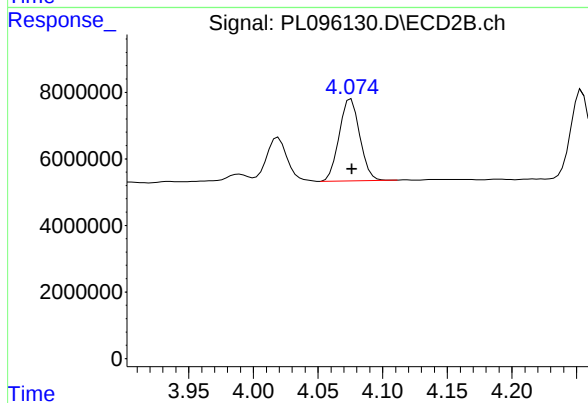
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 28257040
Conc: 4.12 ng/ml



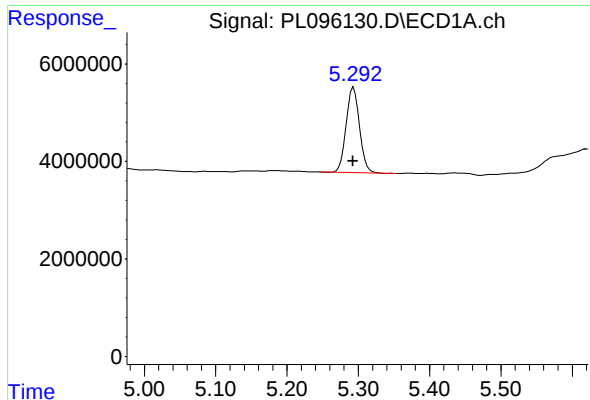
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 20699558
Conc: 4.26 ng/ml m



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 27262054
Conc: 3.91 ng/ml



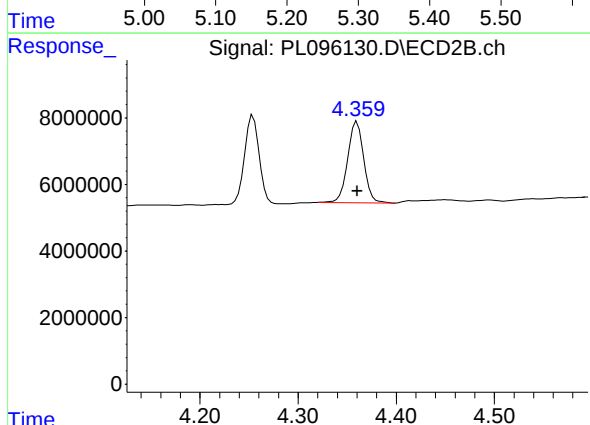
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 22768875
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

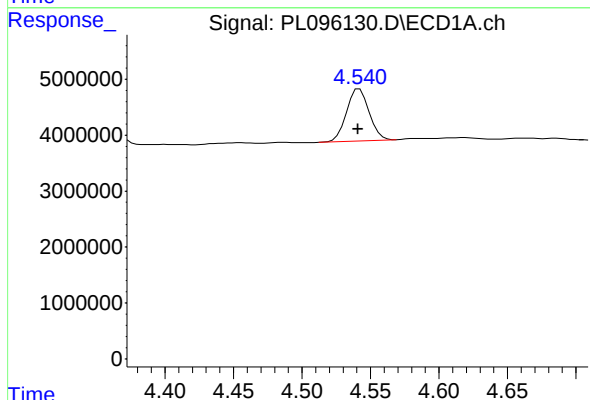
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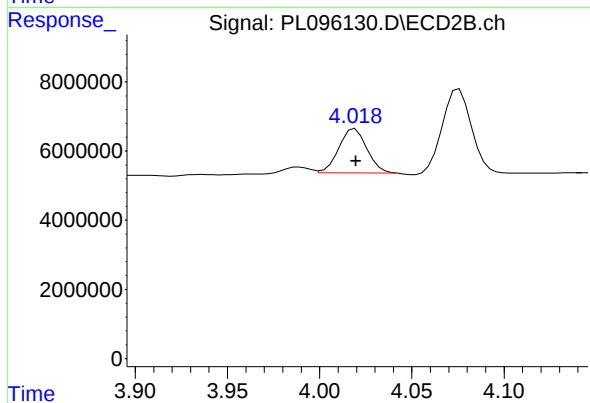
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 27791227
Conc: 4.22 ng/ml



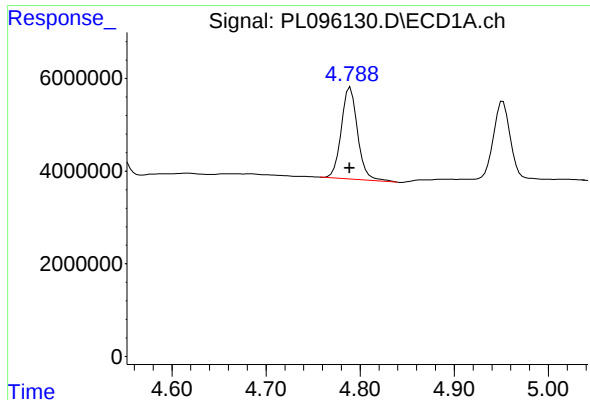
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 10714773
Conc: 4.75 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 13482385
Conc: 4.45 ng/ml m



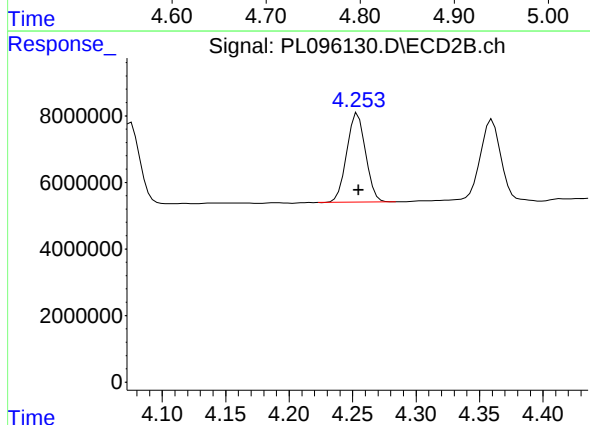
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: 0.000 min
Response: 23798462
Conc: 4.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

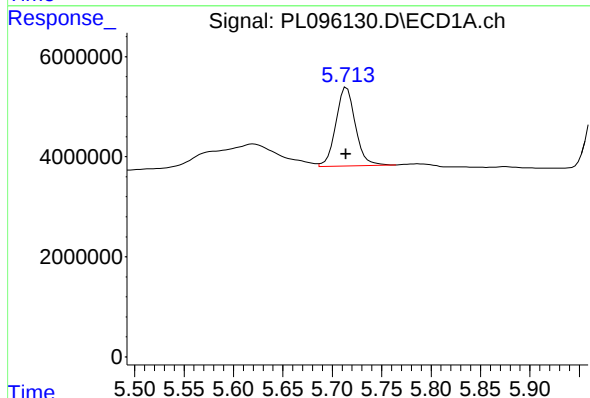
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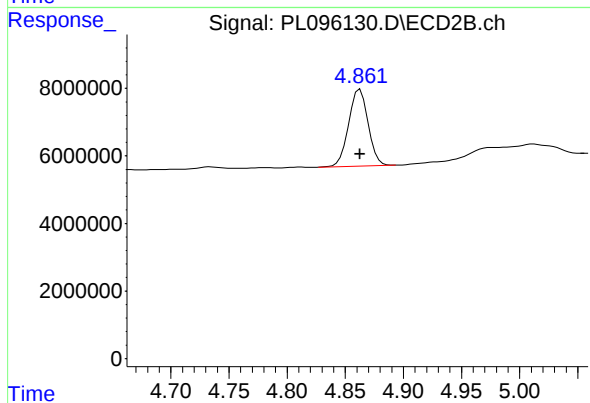
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 27615897
Conc: 4.02 ng/ml



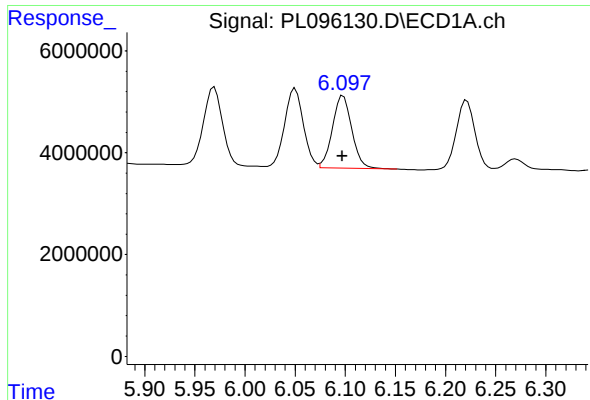
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 21502435
Conc: 4.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 26446826
Conc: 4.29 ng/ml



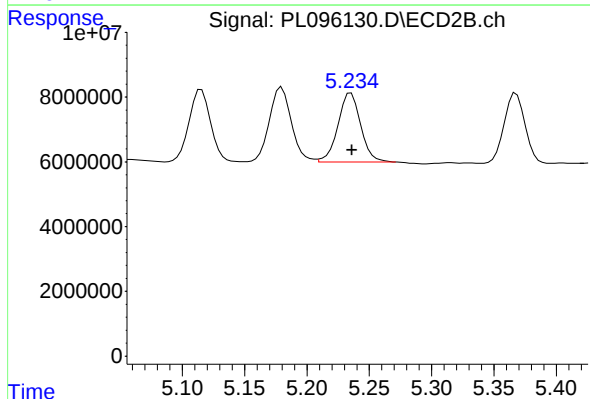
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 18978516
Conc: 4.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

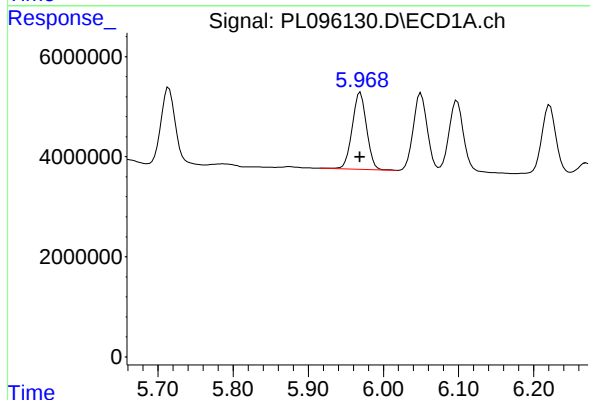
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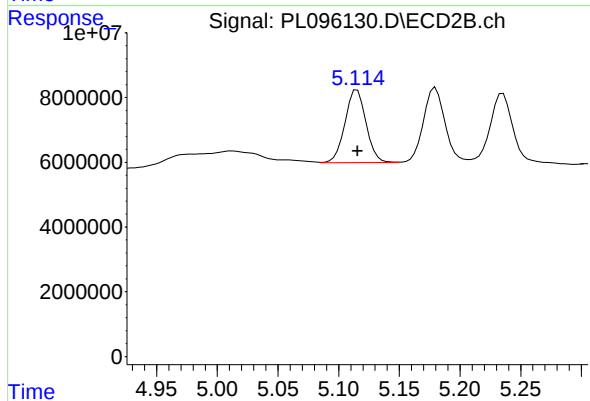
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 26870061
Conc: 4.19 ng/ml m



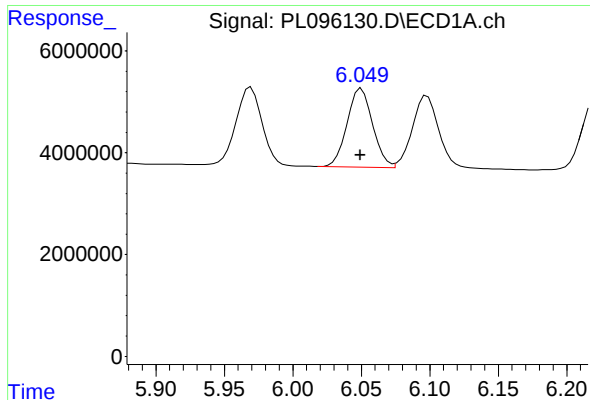
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 20389467
Conc: 4.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.002 min
Response: 27181864
Conc: 4.09 ng/ml m



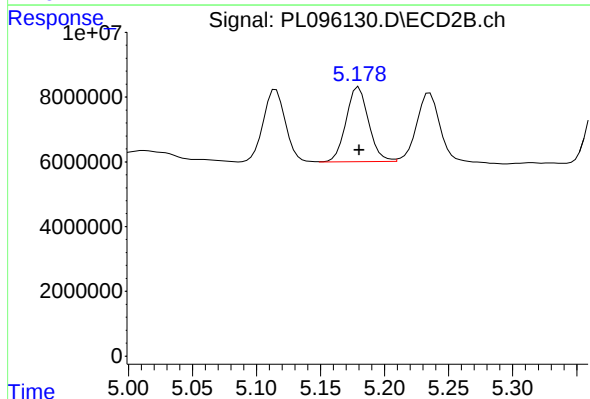
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 20079263
Conc: 4.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

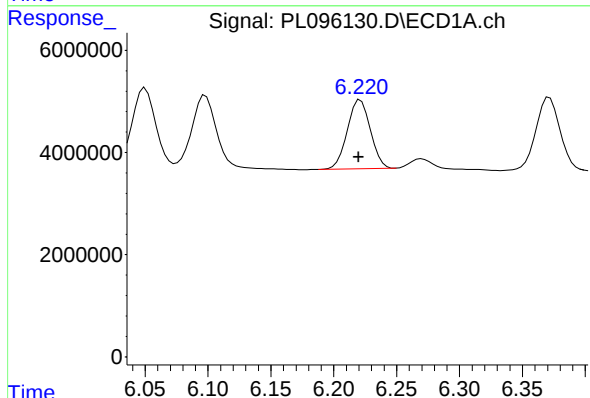
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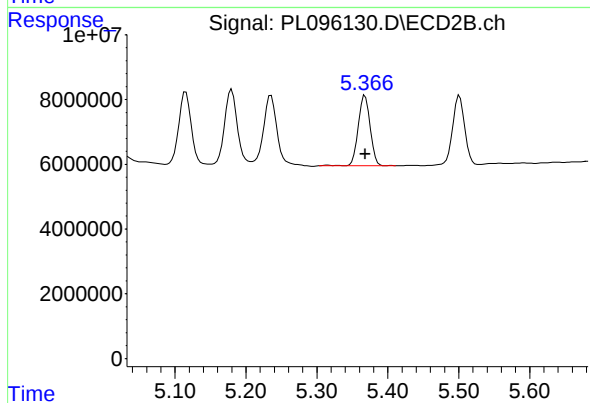
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.002 min
Response: 28388891
Conc: 4.16 ng/ml m



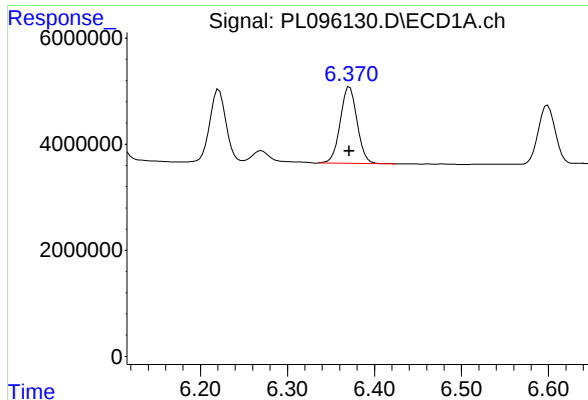
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.001 min
Response: 17179420
Conc: 3.97 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 25492172
Conc: 3.89 ng/ml



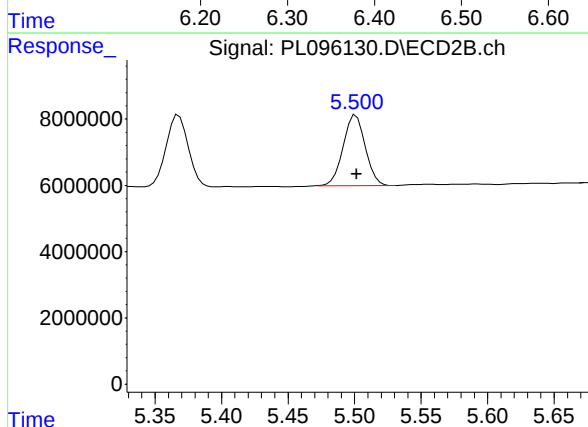
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 19509318
Conc: 4.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

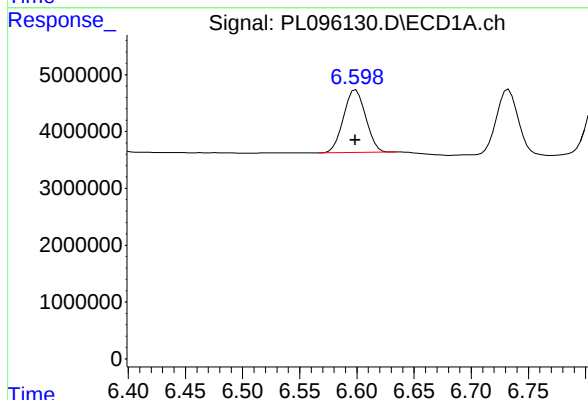
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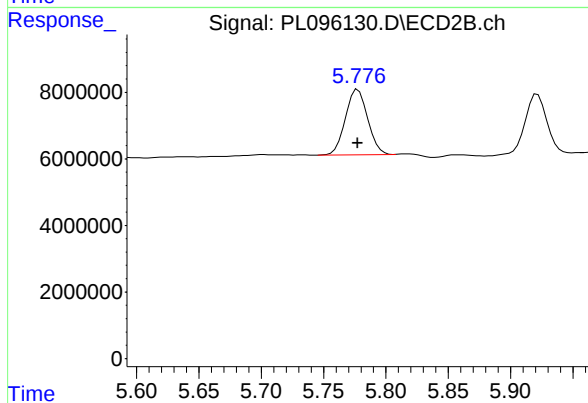
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 24718096
Conc: 3.77 ng/ml



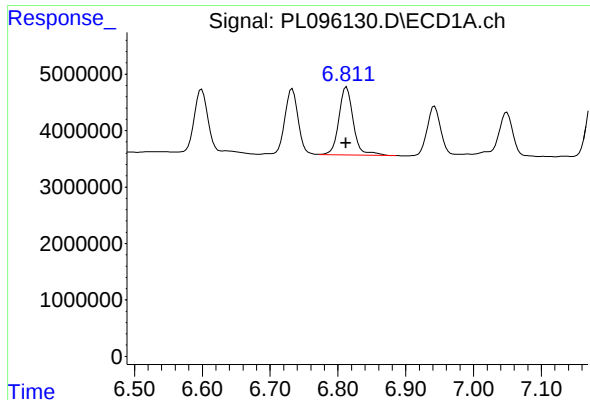
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 14975913
Conc: 3.94 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 24291856
Conc: 4.09 ng/ml



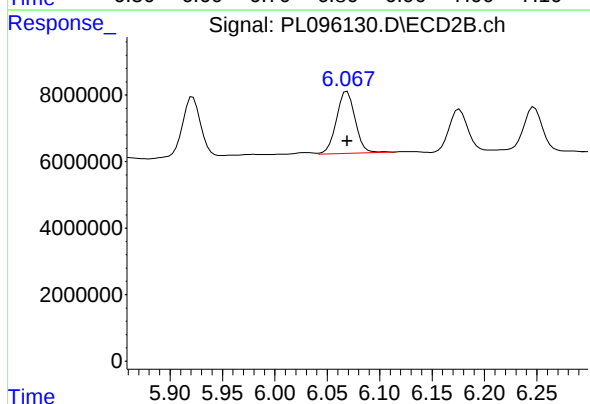
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.001 min
Response: 17891446
Conc: 4.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
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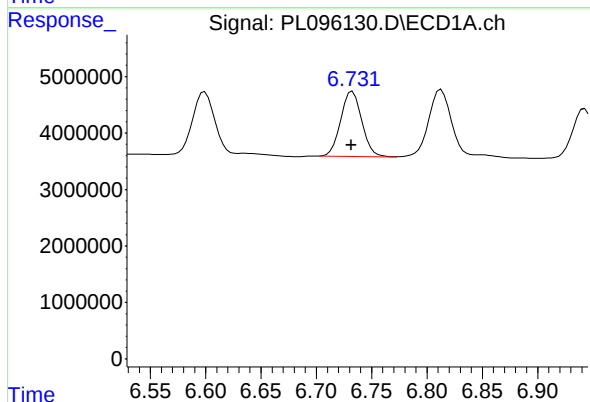
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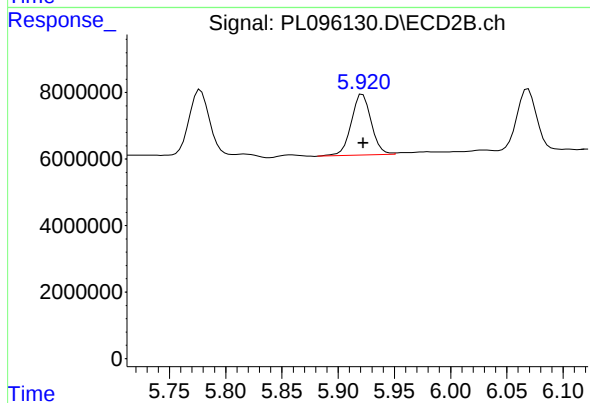
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 23097898
Conc: 3.88 ng/ml



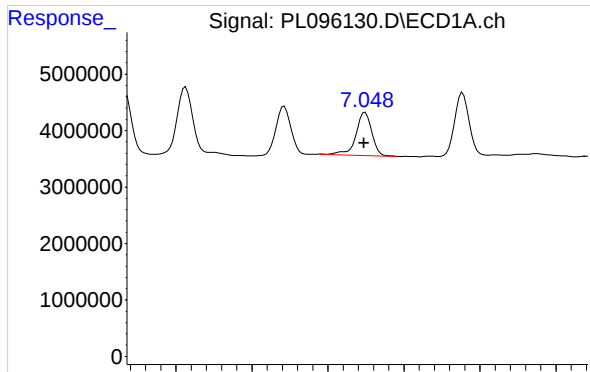
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 15351063
Conc: 4.40 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 22593879
Conc: 4.11 ng/ml



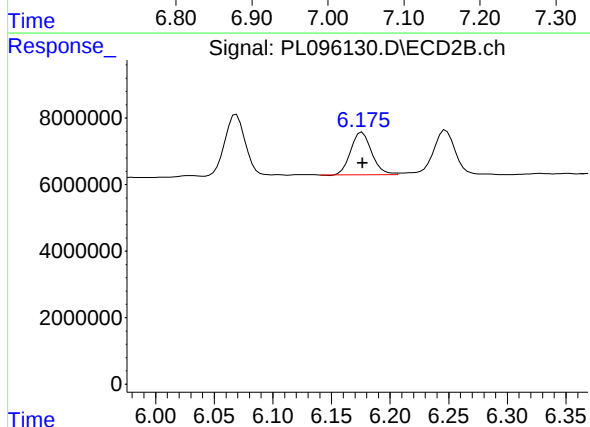
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: 0.002 min
Response: 11058462
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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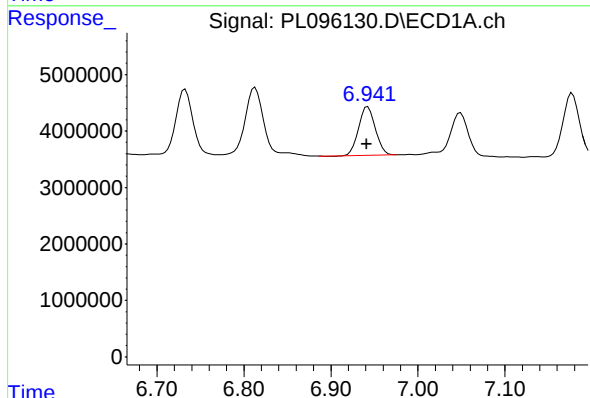
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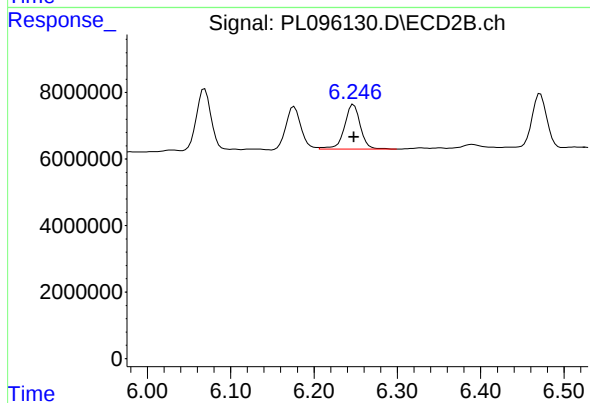
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 15889409
Conc: 2.65 ng/ml



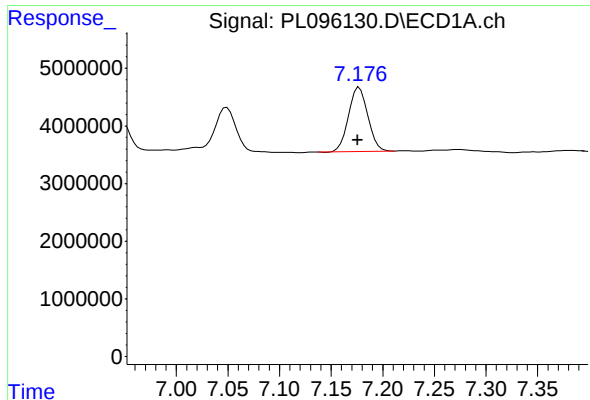
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 11448466
Conc: 4.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 17851796
Conc: 3.98 ng/ml



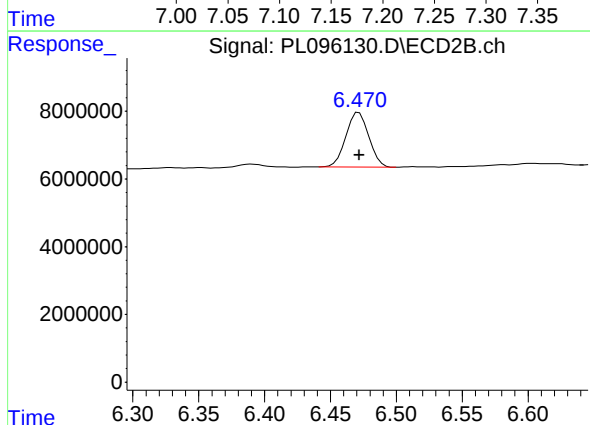
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 14475233
Conc: 3.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

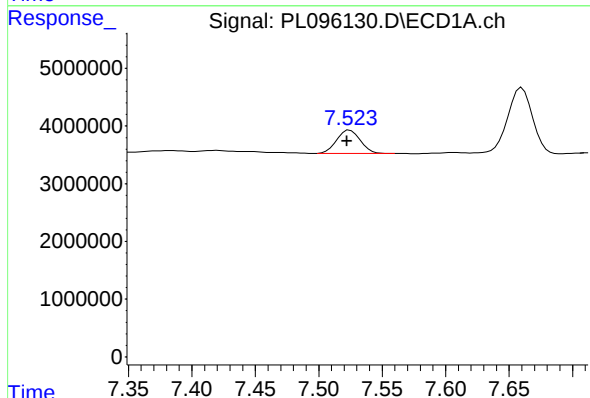
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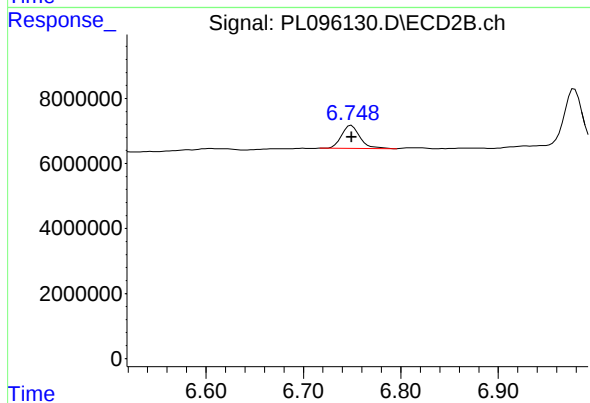
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 19522005
Conc: 3.43 ng/ml



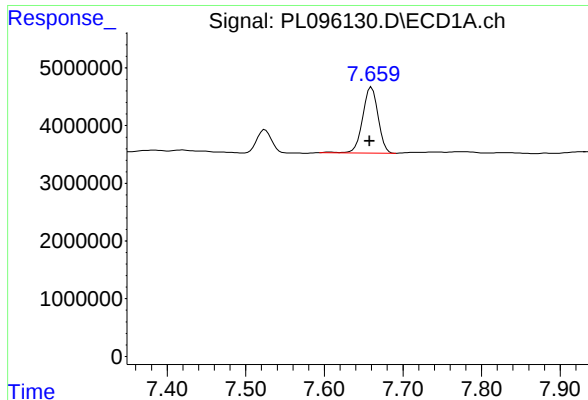
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.002 min
Response: 5228755
Conc: 2.94 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 9329363
Conc: 2.84 ng/ml



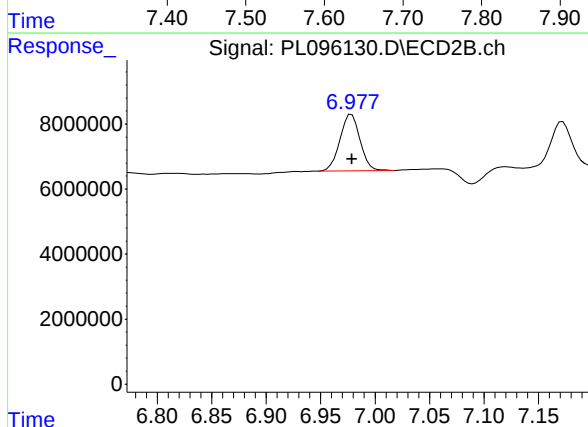
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.002 min
Response: 15711079
Conc: 4.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MS

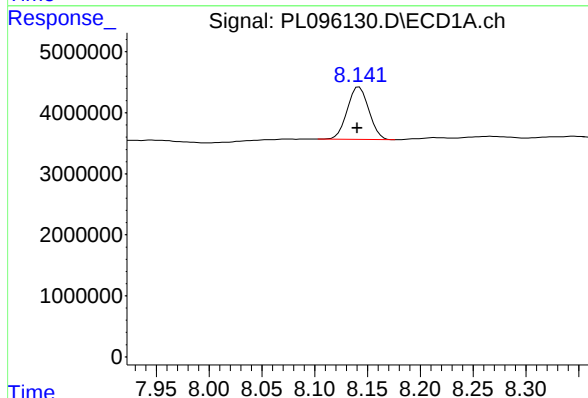
Manual Integrations
APPROVED

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



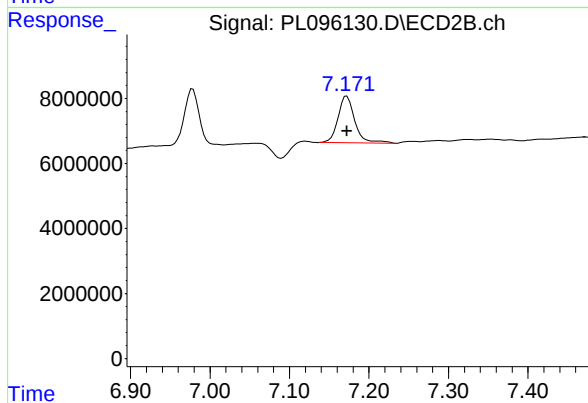
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 22214178
Conc: 3.35 ng/ml



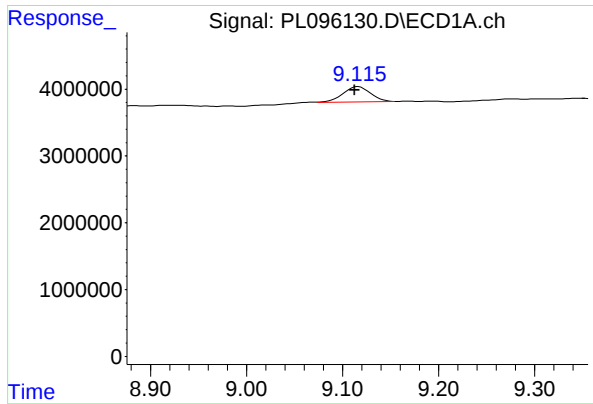
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.002 min
Response: 12285292
Conc: 4.15 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 21085968
Conc: 3.78 ng/ml



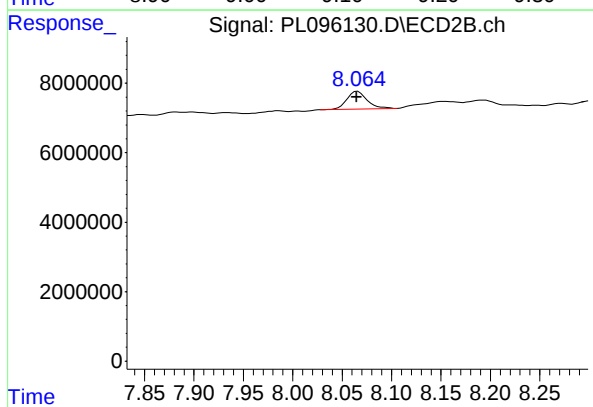
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.002 min
Response: 4620581
Conc: 1.61 ng/ml

Instrument : ECD_L
ClientSampleId : NB-07-06182025MS

Manual Integrations
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Supervised By :mohammad ahmed 06/23/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: 0.000 min
Response: 7405548
Conc: 1.23 ng/ml