

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
 Data File : PL096131.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2025 17:57
 Operator : AR\AJ
 Sample : Q2358-01MSD 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-07-06182025MSD

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 23:02:23 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...	3.571	2.881	7437380	9806648	2.044	2.068
28) SA Decachlor...	9.114	8.065	4440075	7741871	1.551m	1.284
Target Compounds						
2) A alpha-BHC	4.022	3.390	25786554	29277167	4.553	4.069
3) MA gamma-BHC...	4.354	3.723	24331031	28537344	4.598	4.165
4) MA Heptachlor	4.951	4.075	20791315	27409507	4.278	3.930
5) MB Aldrin	5.294	4.360	22899160	27980556	4.492	4.253
6) B beta-BHC	4.541	4.018	10584293	14378959	4.694	4.746m
7) B delta-BHC	4.789	4.254	24025251	28171931	4.622	4.099
8) B Heptachlo...	5.715	4.862	21454576	26741052	4.725	4.337
9) A Endosulfan I	6.098	5.234	19607182	26989331	4.565	4.209m
10) B gamma-Chl...	5.969	5.113	20431538	26912533	4.387	4.046m
11) B alpha-Chl...	6.051	5.178	20654036	28249354	4.462	4.144m
12) B 4,4'-DDE	6.221	5.367	17662662	26342257	4.079	4.016
13) MA Dieldrin	6.371	5.500	19571937	25804849	4.234	3.933
14) MA Endrin	6.599	5.777	15318102	25498635	4.030	4.296
15) B Endosulfa...	6.813	6.067	17669956	22436985	4.461	3.774m
16) A 4,4'-DDD	6.733	5.921	15812277	24109786	4.533	4.383
17) MA 4,4'-DDT	7.048	6.176	10492582	16395438	3.005	2.733
18) B Endrin al...	6.942	6.247	11998702	17509192	4.225	3.903
19) B Endosulfa...	7.177	6.471	15283890	19573564	4.215	3.443
20) A Methoxychlor	7.524	6.749	5241317	8590185	2.944	2.619
21) B Endrin ke...	7.657	6.978	16546694	23019861	4.249m	3.469
22) Mirex	8.142	7.172	13415198	19027033	4.528	3.407

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061925\
Data File : PL096131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2025 17:57
Operator : AR\AJ
Sample : Q2358-01MSD 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

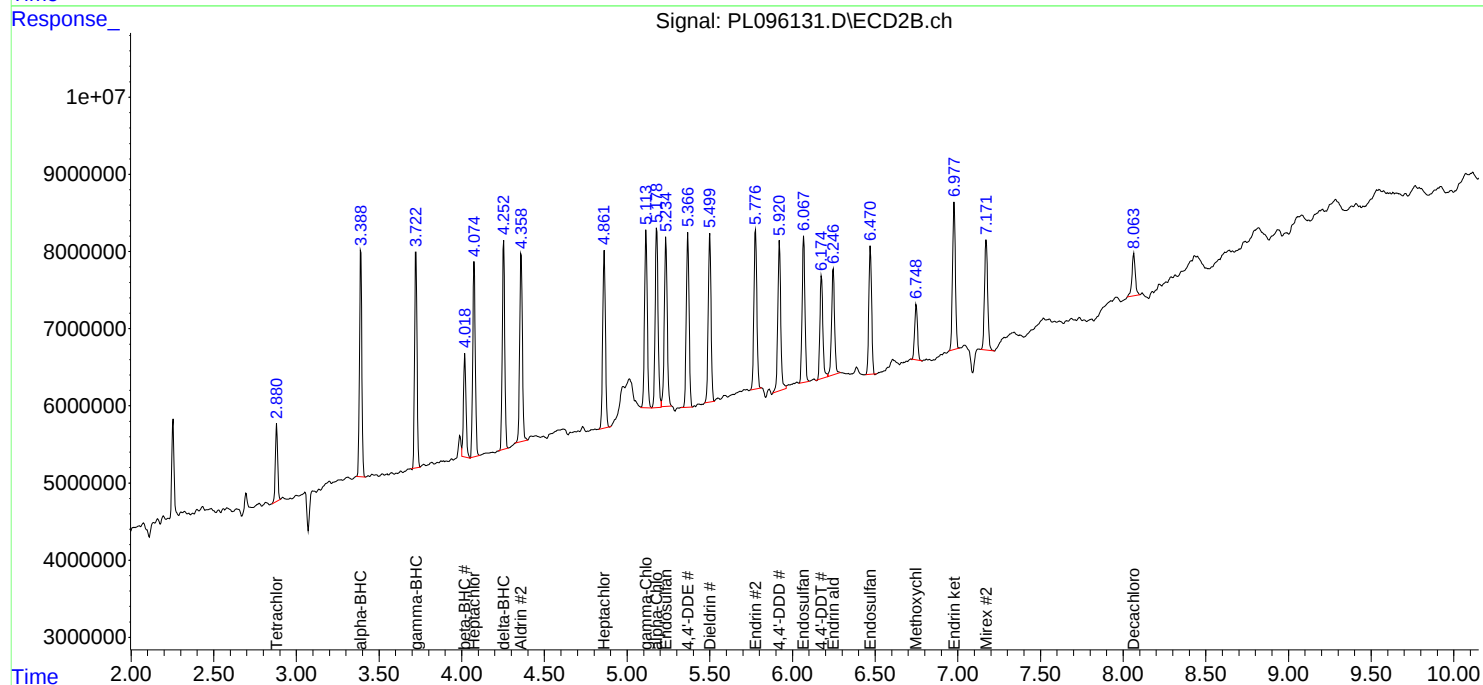
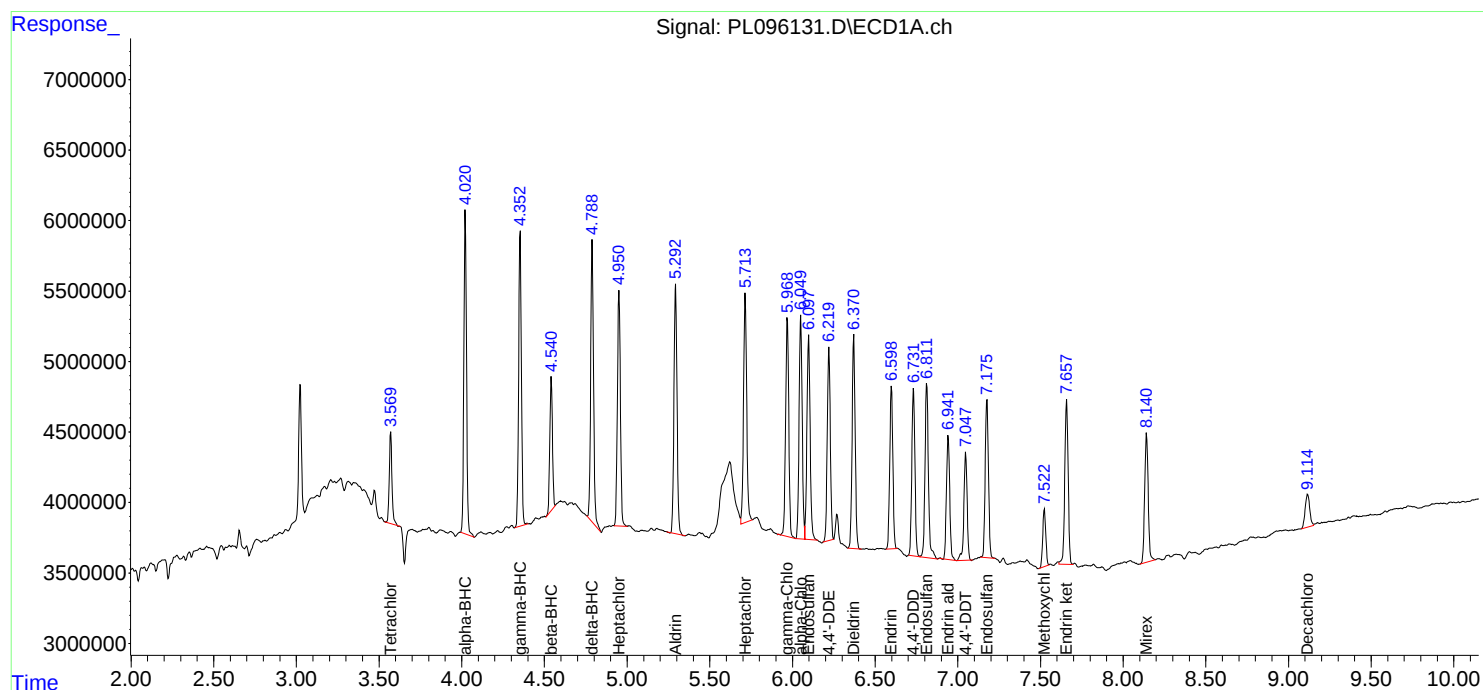
Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

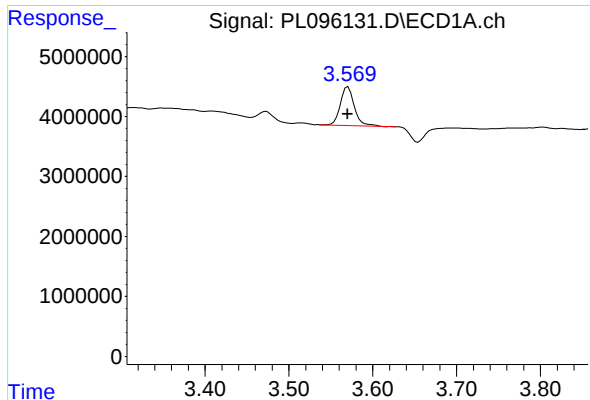
Manual Integrations
APPROVED

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 23:02:23 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





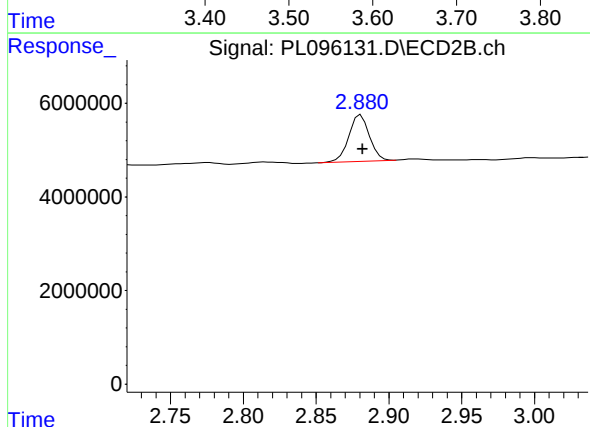
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 7437380
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

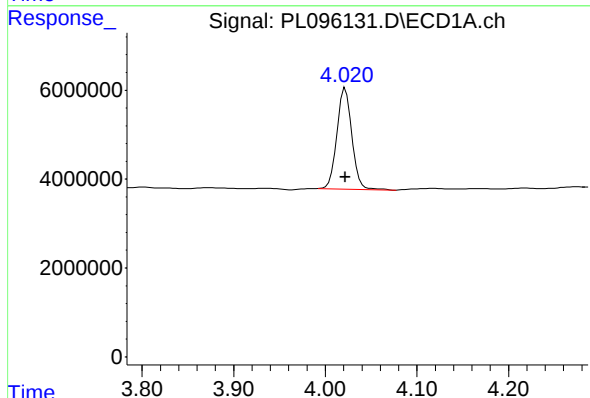
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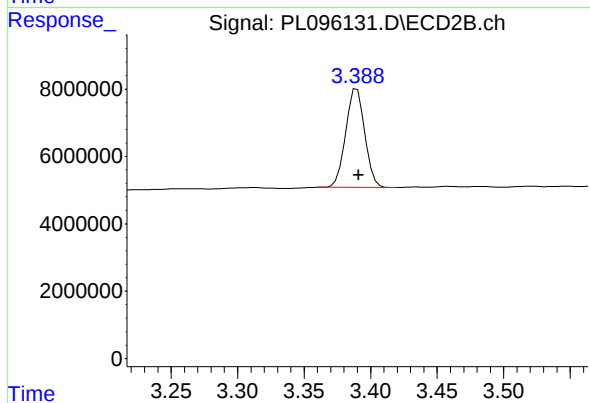
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 9806648
Conc: 2.07 ng/ml



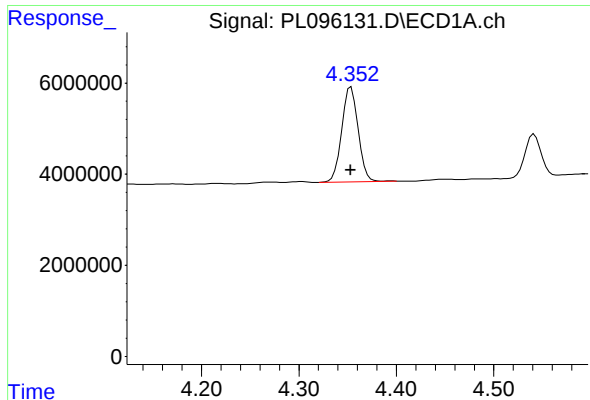
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 25786554
Conc: 4.55 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: -0.001 min
Response: 29277167
Conc: 4.07 ng/ml



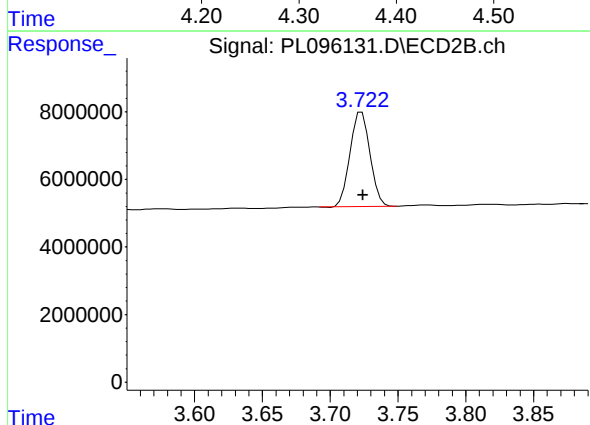
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 24331031
Conc: 4.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

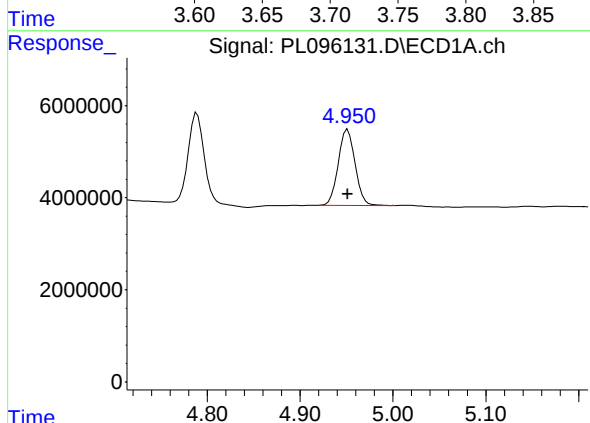
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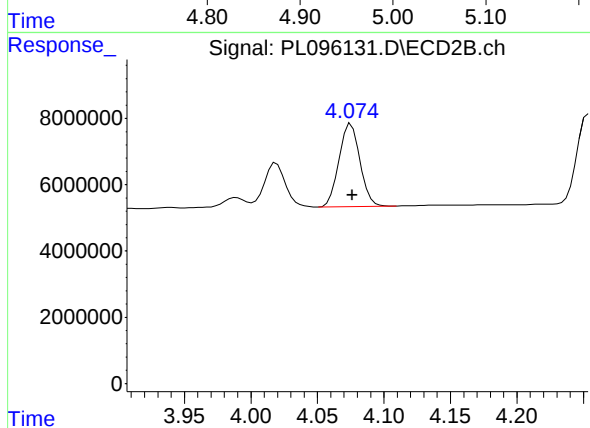
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 28537344
Conc: 4.16 ng/ml



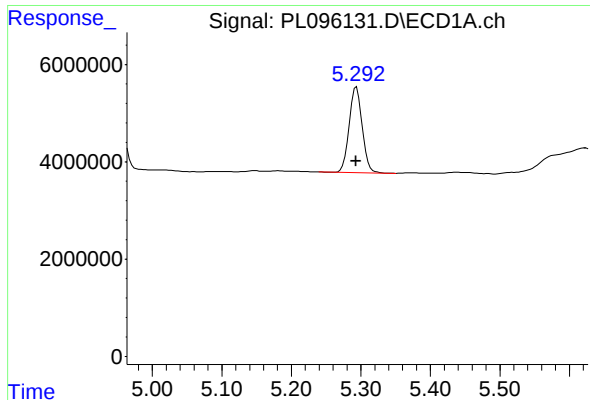
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 20791315
Conc: 4.28 ng/ml



#4 Heptachlor

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 27409507
Conc: 3.93 ng/ml



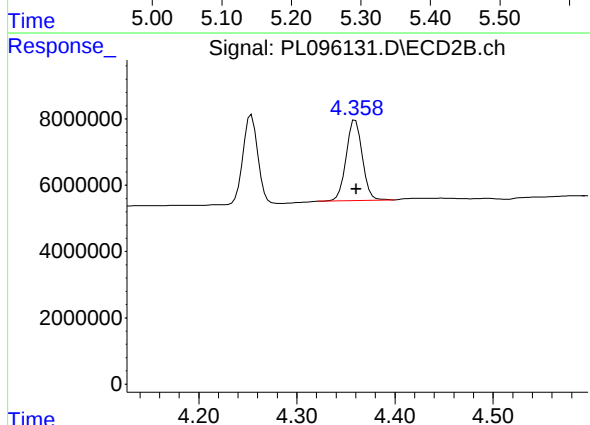
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.001 min
Response: 22899160
Conc: 4.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

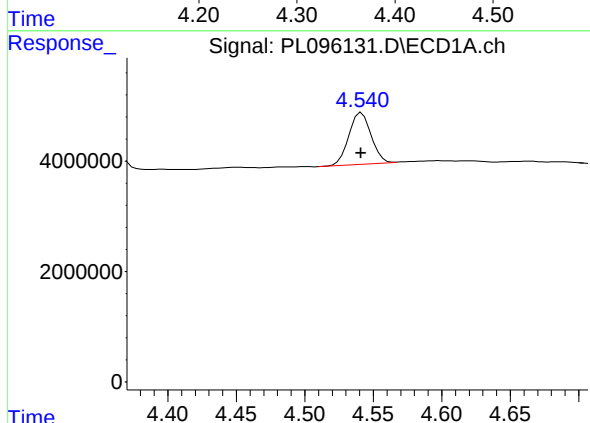
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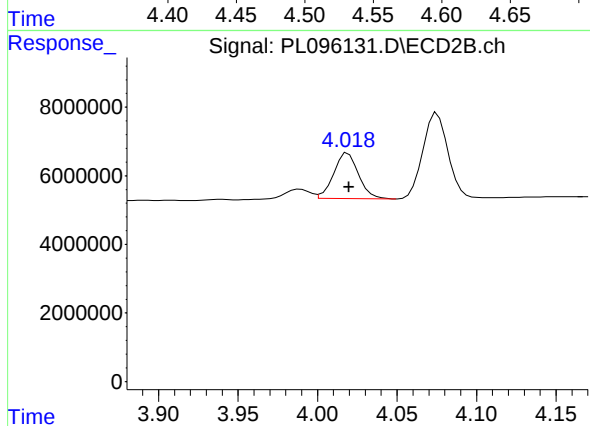
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 27980556
Conc: 4.25 ng/ml



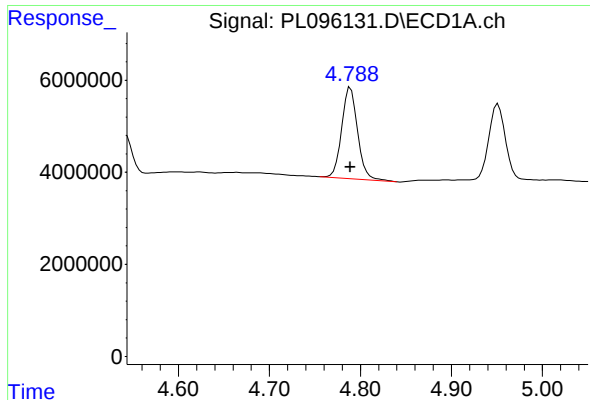
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 10584293
Conc: 4.69 ng/ml



#6 beta-BHC

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 14378959
Conc: 4.75 ng/ml m



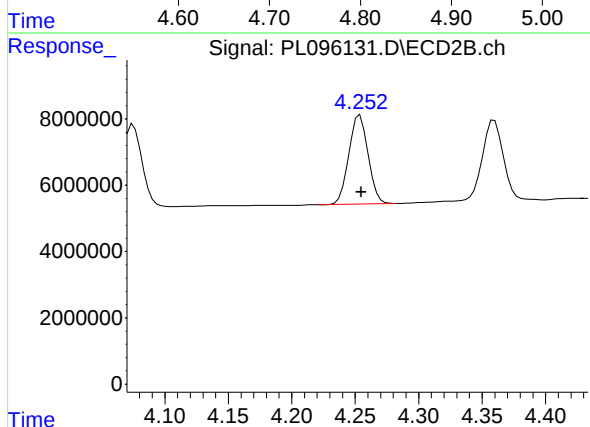
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 24025251
Conc: 4.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

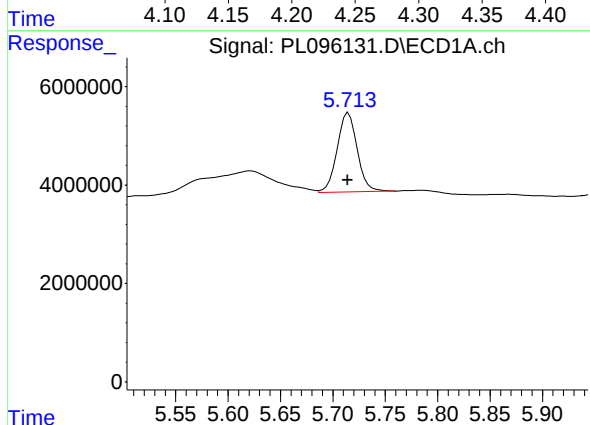
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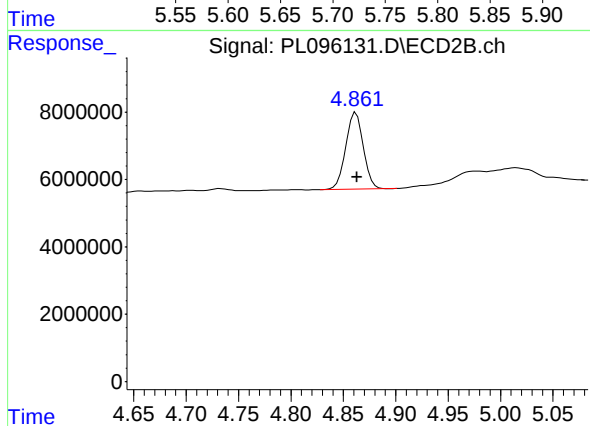
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 28171931
Conc: 4.10 ng/ml



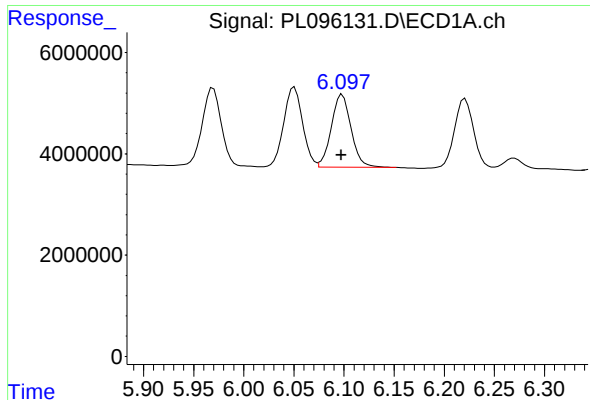
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 21454576
Conc: 4.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 26741052
Conc: 4.34 ng/ml



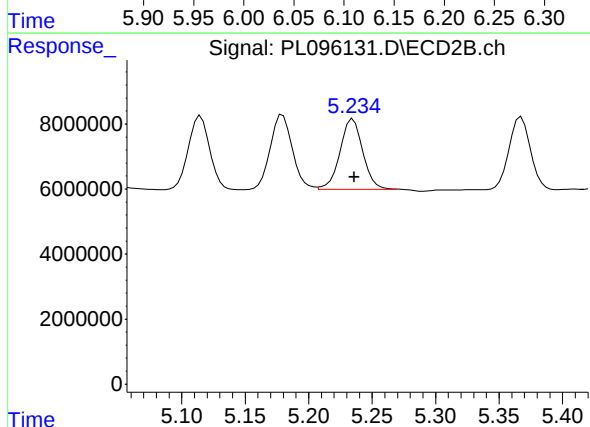
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: 0.001 min
Response: 19607182
Conc: 4.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

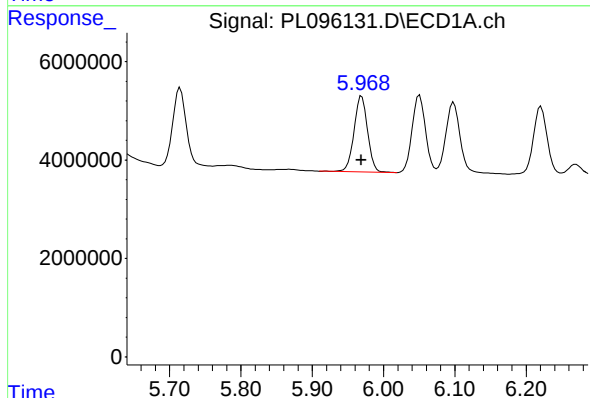
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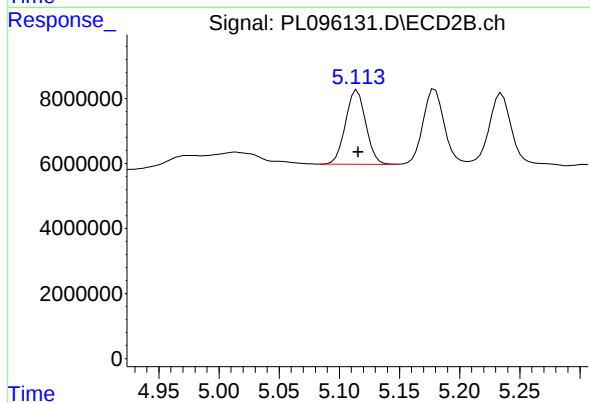
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 26989331
Conc: 4.21 ng/ml m



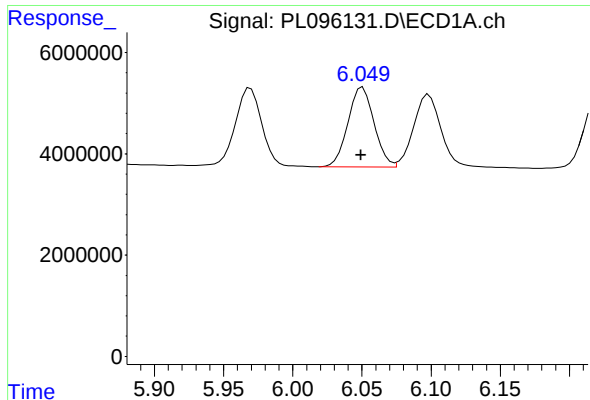
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 20431538
Conc: 4.39 ng/ml



#10 gamma-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 26912533
Conc: 4.05 ng/ml m



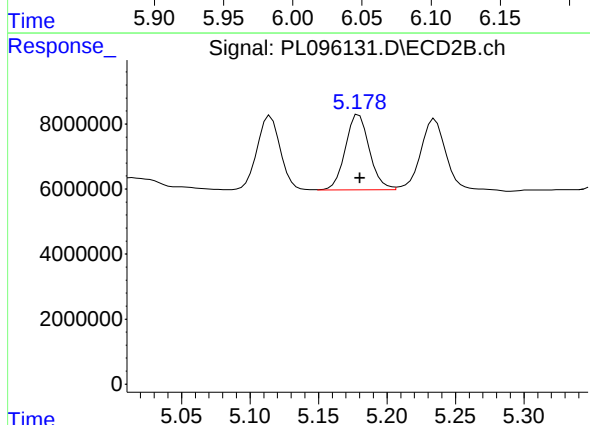
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: 0.001 min
Response: 20654036
Conc: 4.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

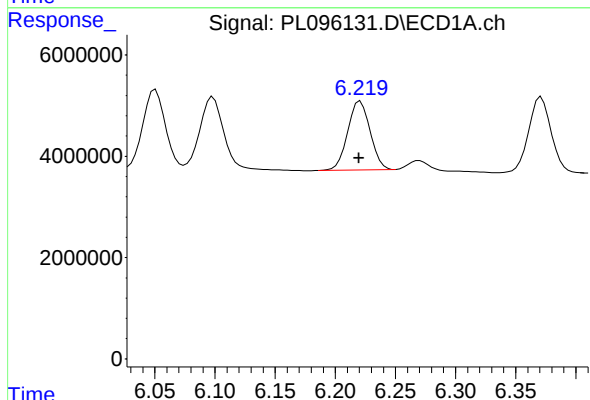
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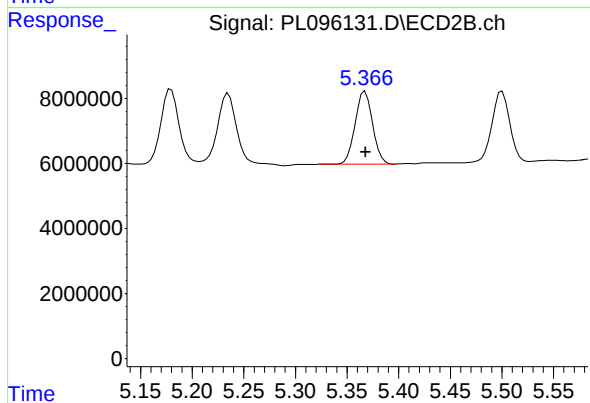
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.002 min
Response: 28249354
Conc: 4.14 ng/ml m



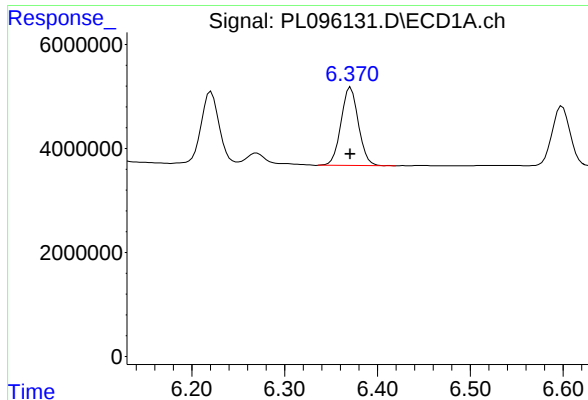
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.001 min
Response: 17662662
Conc: 4.08 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 26342257
Conc: 4.02 ng/ml



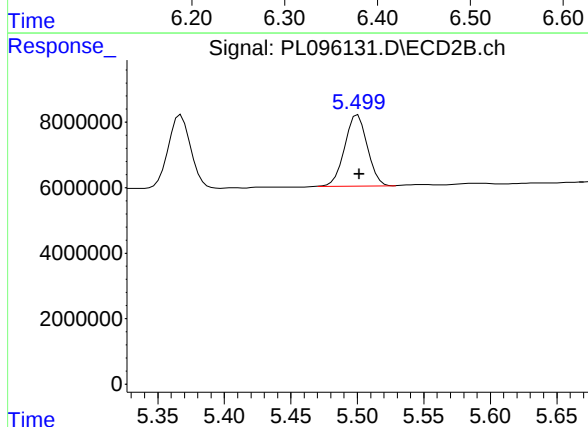
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 19571937
Conc: 4.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

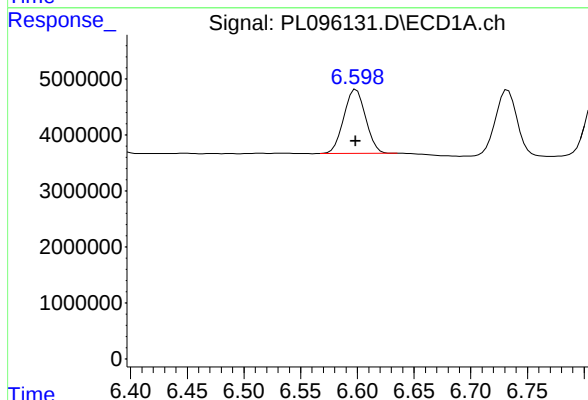
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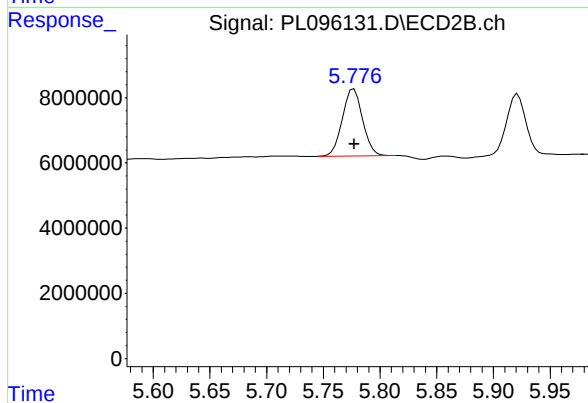
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 25804849
Conc: 3.93 ng/ml



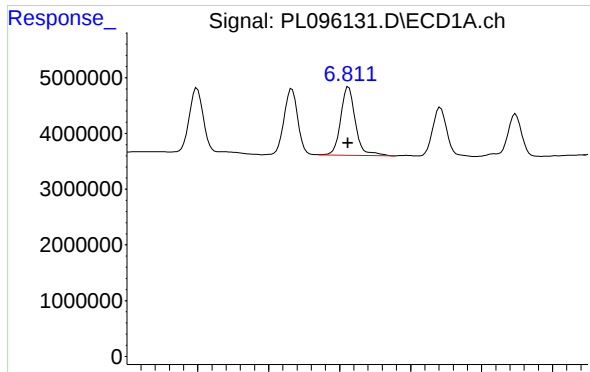
#14 Endrin

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 15318102
Conc: 4.03 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 25498635
Conc: 4.30 ng/ml



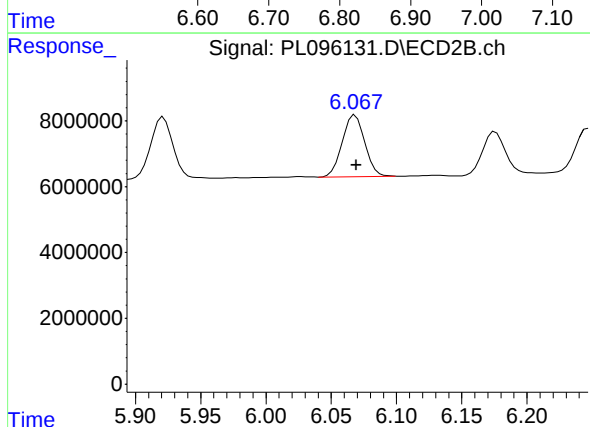
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 17669956
Conc: 4.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
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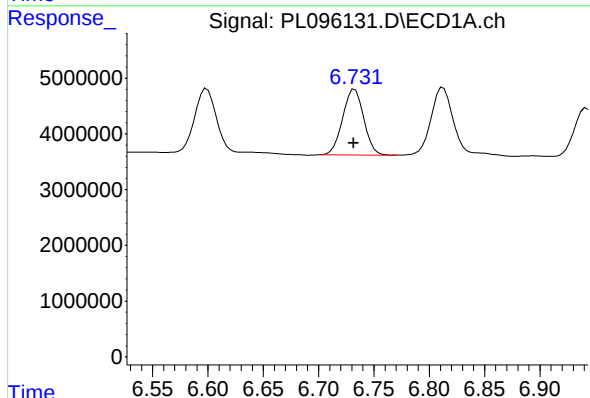
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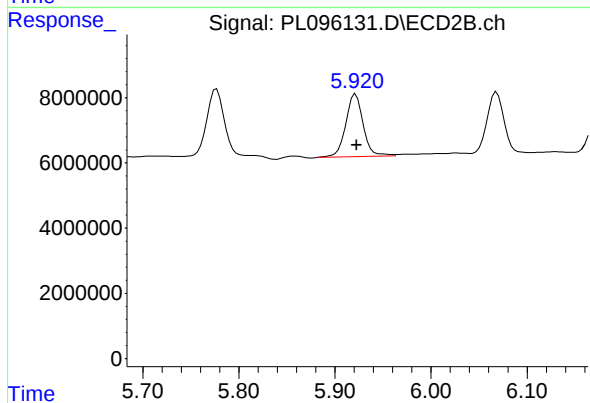
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 22436985
Conc: 3.77 ng/ml m



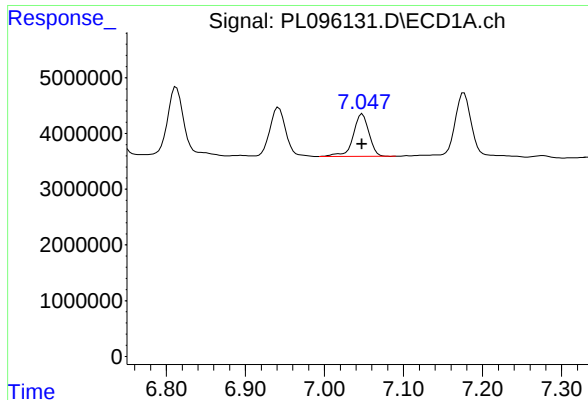
#16 4,4'-DDD

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 15812277
Conc: 4.53 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 24109786
Conc: 4.38 ng/ml



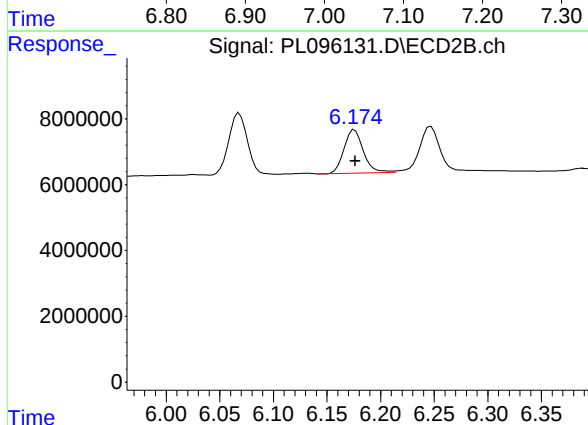
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 10492582
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

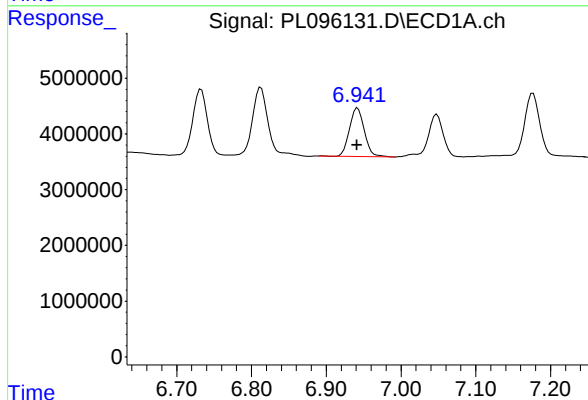
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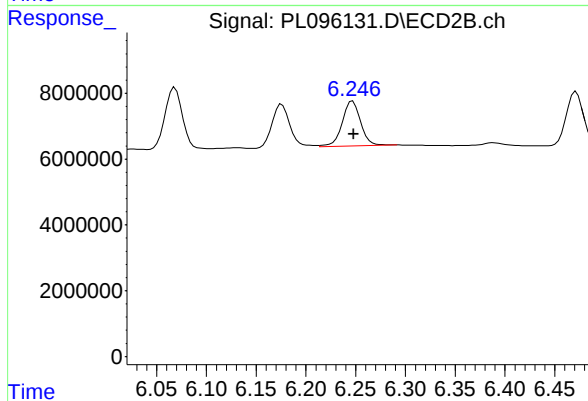
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 16395438
Conc: 2.73 ng/ml



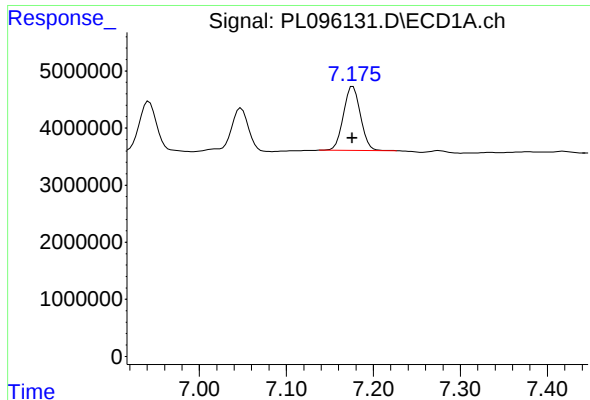
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.001 min
Response: 11998702
Conc: 4.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 17509192
Conc: 3.90 ng/ml



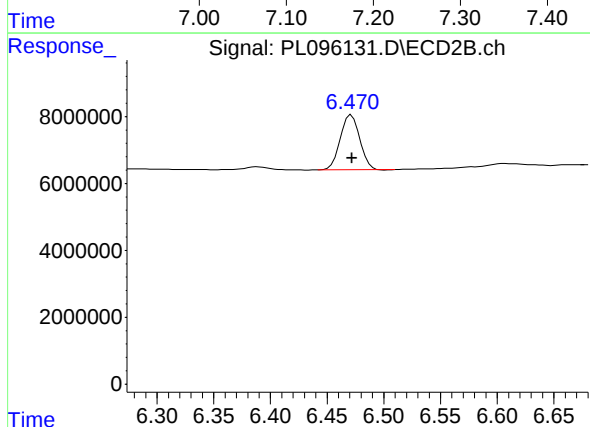
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 15283890
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

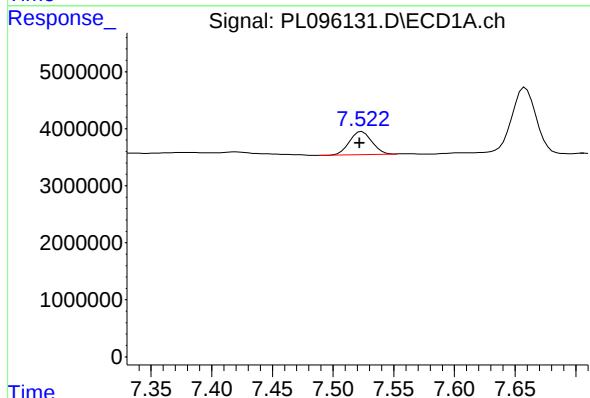
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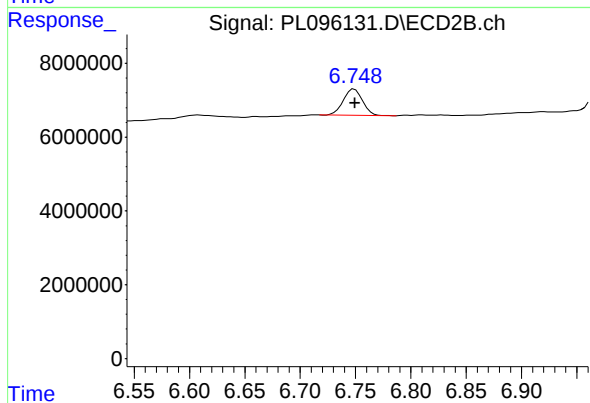
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 19573564
Conc: 3.44 ng/ml



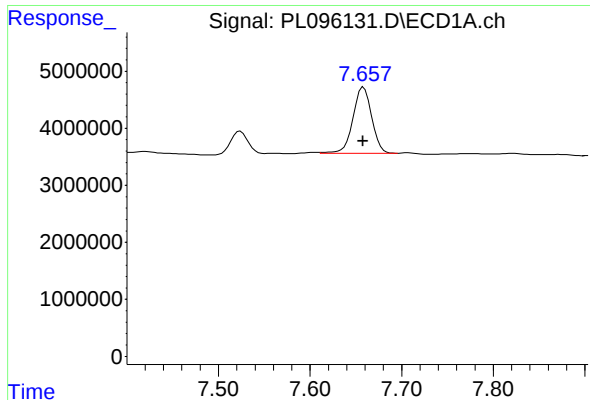
#20 Methoxychlor

R.T.: 7.524 min
Delta R.T.: 0.002 min
Response: 5241317
Conc: 2.94 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 8590185
Conc: 2.62 ng/ml



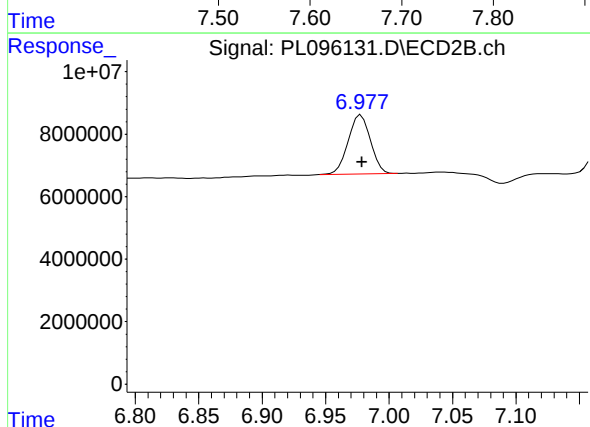
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 16546694
Conc: 4.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-06182025MSD

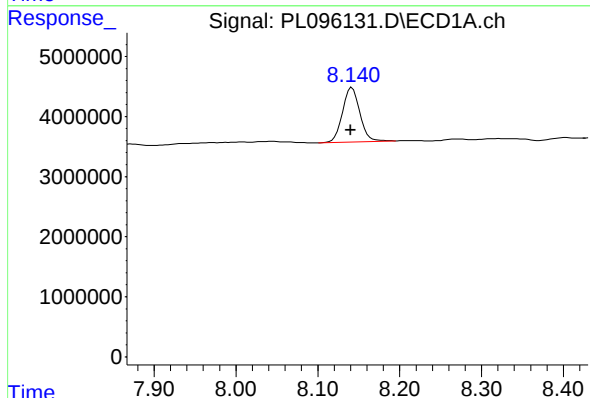
Manual Integrations
APPROVED

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



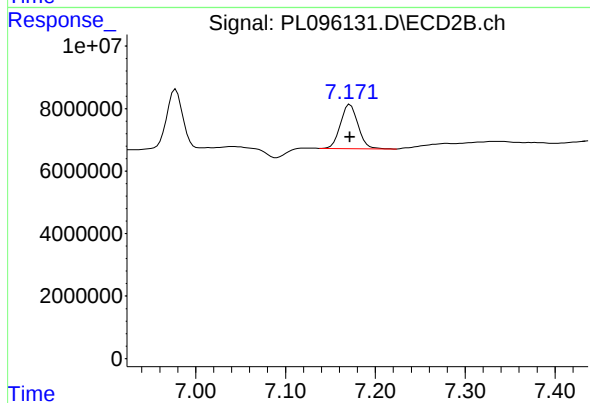
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 23019861
Conc: 3.47 ng/ml



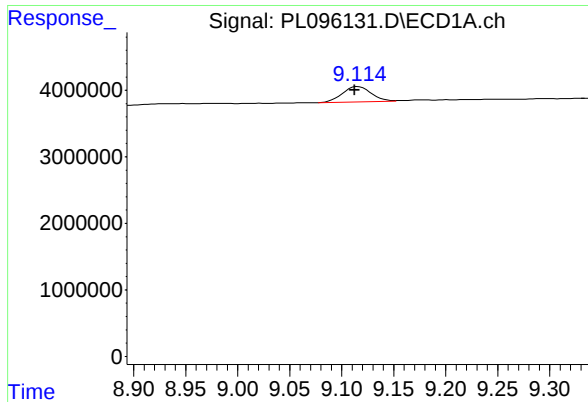
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.001 min
Response: 13415198
Conc: 4.53 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 19027033
Conc: 3.41 ng/ml



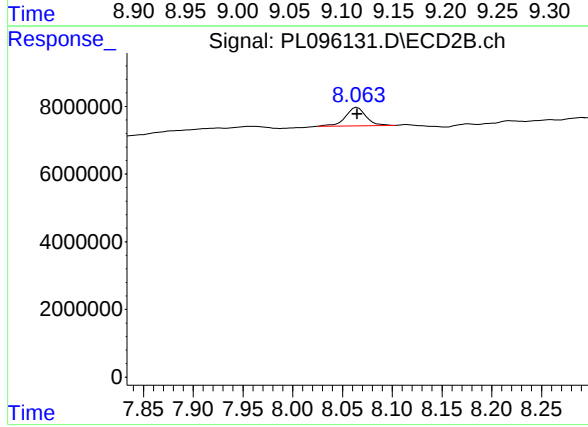
#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.002 min
Response: 4440075
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 7741871
Conc: 1.28 ng/ml