

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
 Data File : PL096062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2025 13:46
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/18/2025
 Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 14:06:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 17 14:06:01 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	19791745	25292111	5.439	5.333
28) SA Decachlor...	9.111	8.064	16432457	32859023	5.738	5.452
Target Compounds						
2) A alpha-BHC	4.021	3.390	28552704	34170985	5.041	4.749
3) MA gamma-BHC...	4.353	3.724	27441757	33522051	5.186	4.892
4) MA Heptachlor	4.949	4.076	26485705	36037676	5.448m	5.167
5) MB Aldrin	5.292	4.360	27680523	32722473	5.429	4.974
6) B beta-BHC	4.540	4.019	12282459	16313214	5.447	5.384
7) B delta-BHC	4.788	4.254	26972992	33399349	5.189	4.860
8) B Heptachlo...	5.713	4.863	25330086	32572001	5.579	5.282
9) A Endosulfan I	6.096	5.234	23915436	38524956	5.568	5.886m
10) B gamma-Chl...	5.968	5.114	25178734	34389576	5.406	5.171m
11) B alpha-Chl...	6.049	5.179	25554068	39001230	5.520	5.743m
12) B 4,4'-DDE	6.219	5.366	22578648	33736050	5.214	5.150m
13) MA Dieldrin	6.370	5.501	24886305	33254738	5.384	5.069
14) MA Endrin	6.598	5.777	20794658	30770001	5.471	5.184
15) B Endosulfa...	6.811	6.067	22839064	31535367	5.862	5.303m
16) A 4,4'-DDD	6.730	5.922	18667084	28654537	5.352	5.209
17) MA 4,4'-DDT	7.046	6.176	18518534	29784541	5.303	4.964
18) B Endrin al...	6.940	6.247	16265135	26488038	5.727	5.904
19) B Endosulfa...	7.175	6.472	20633699	30255396	5.690	5.322
20) A Methoxychlor	7.521	6.749	10322890	18053723	5.798	5.503
21) B Endrin ke...	7.657	6.978	21929237	35233519	5.631	5.309
22) Mirex	8.140	7.172	17969041	35313807	6.065	6.324

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061725\
Data File : PL096062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 13:46
Operator : AR\AJ
Sample : PSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

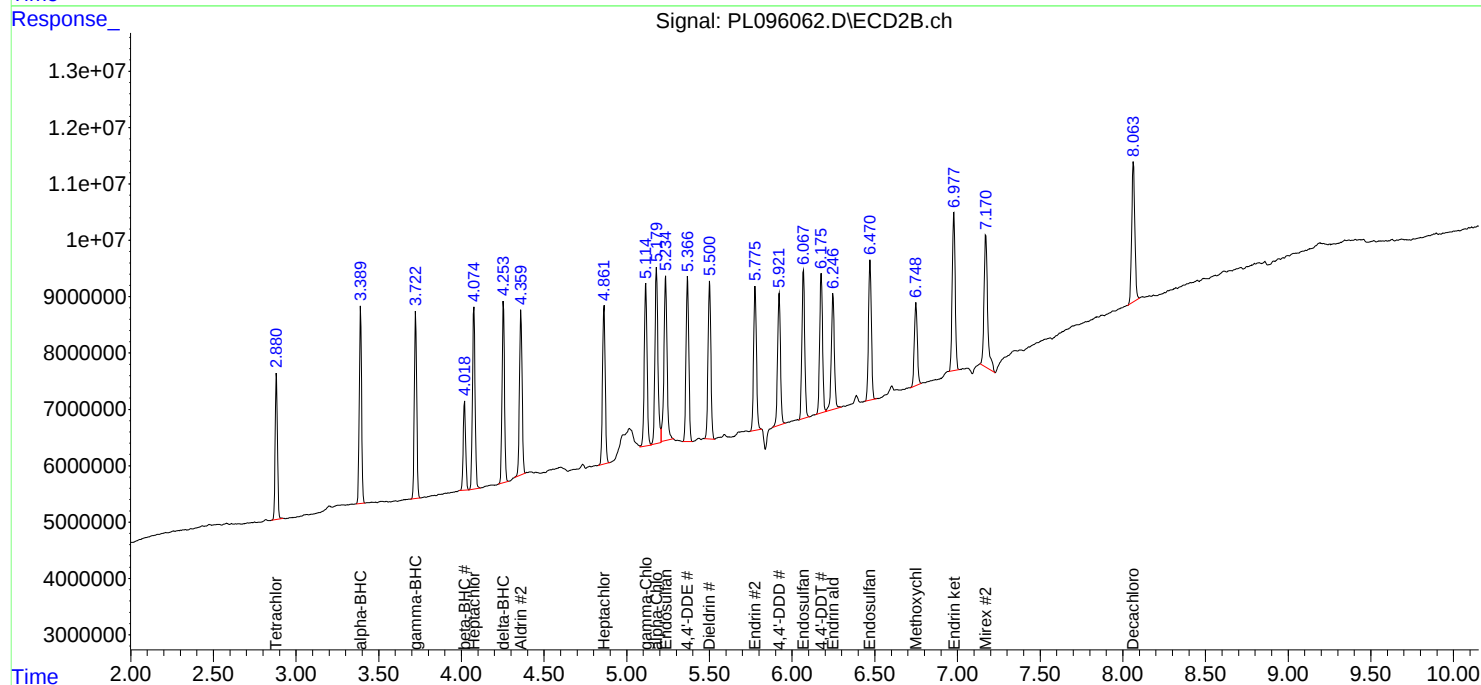
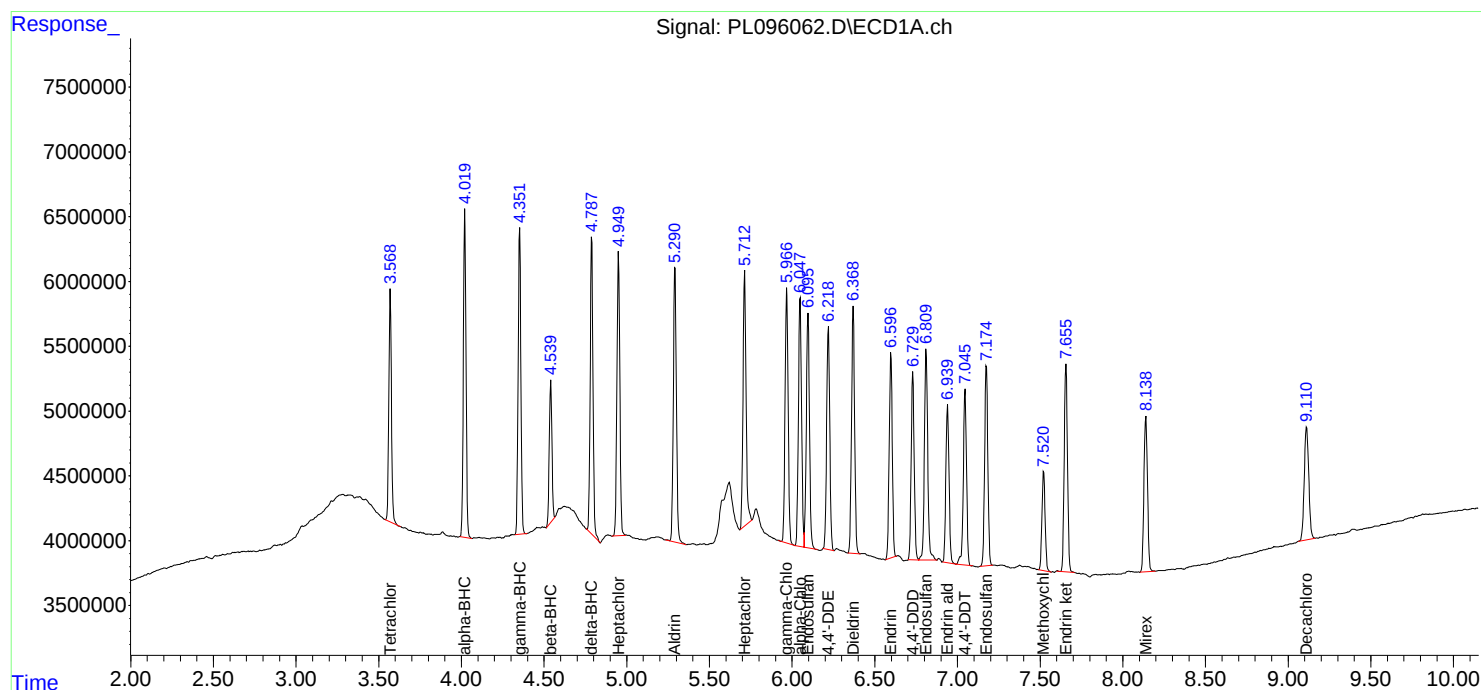
APPROVED

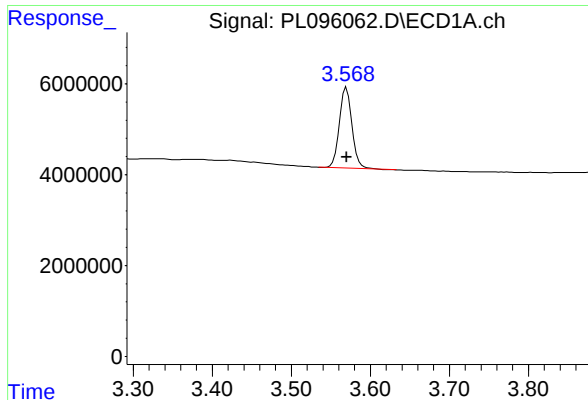
Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 14:06:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061725.M
Quant Title : GC Extractables
QLast Update : Tue Jun 17 14:06:01 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





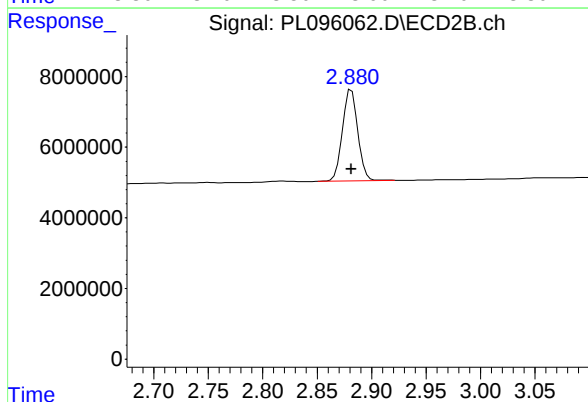
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 19791745
Conc: 5.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

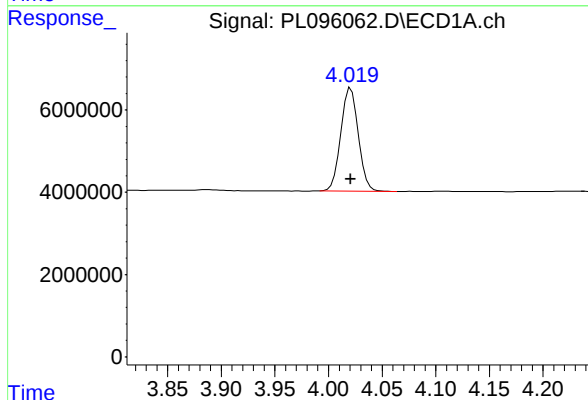
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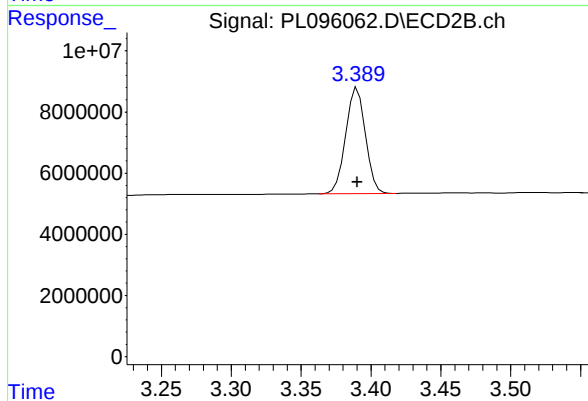
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 25292111
Conc: 5.33 ng/ml



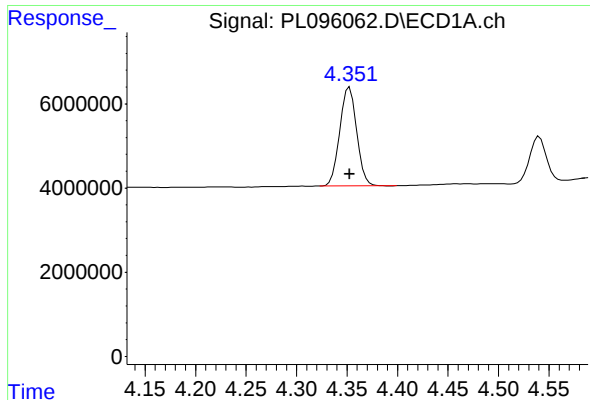
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 28552704
Conc: 5.04 ng/ml



#2 alpha-BHC

R.T.: 3.390 min
Delta R.T.: 0.000 min
Response: 34170985
Conc: 4.75 ng/ml



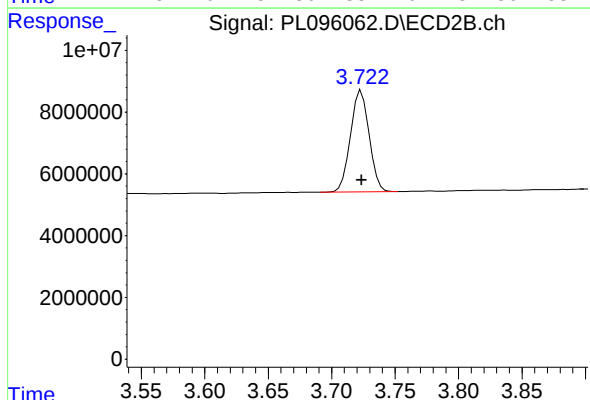
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 27441757
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

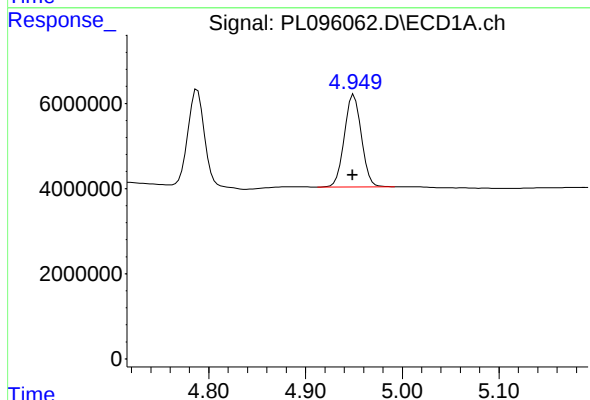
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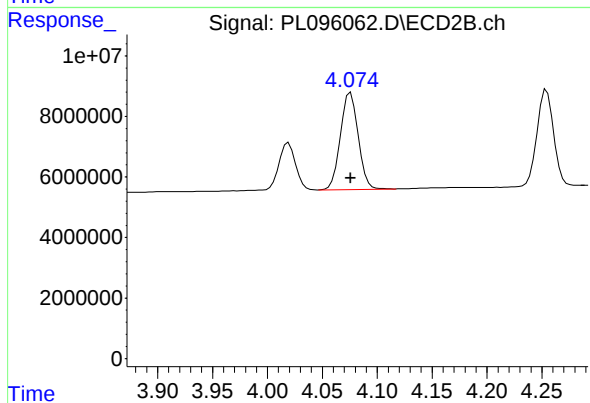
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 33522051
Conc: 4.89 ng/ml



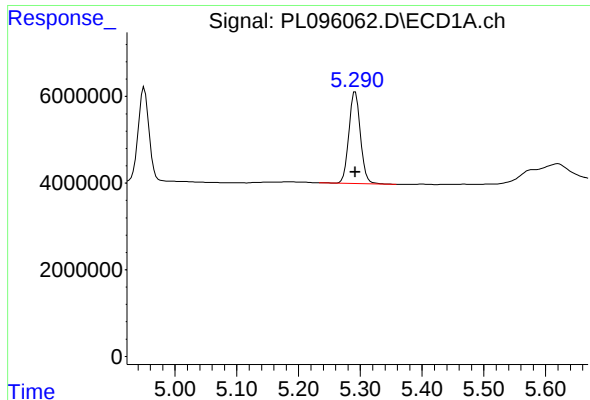
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 26485705
Conc: 5.45 ng/ml m



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 36037676
Conc: 5.17 ng/ml



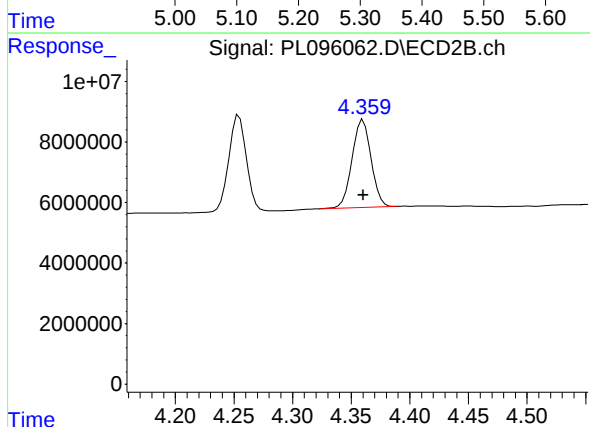
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 27680523
Conc: 5.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

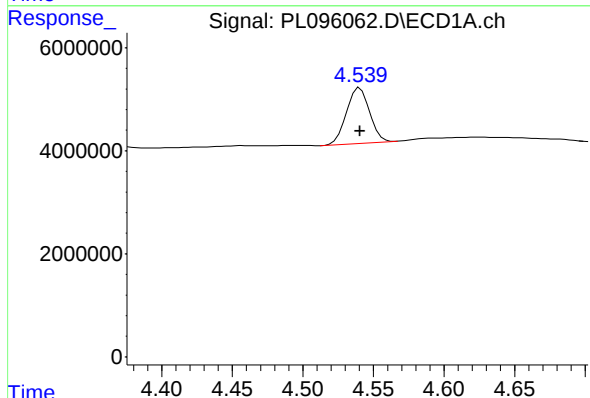
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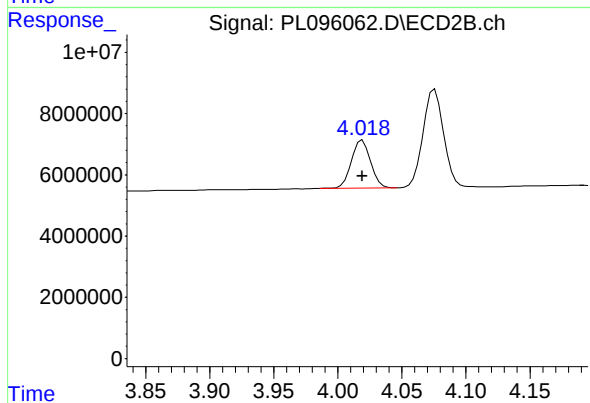
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 32722473
Conc: 4.97 ng/ml



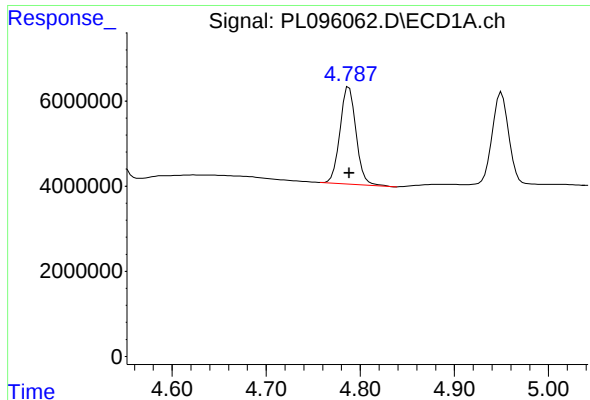
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 12282459
Conc: 5.45 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 16313214
Conc: 5.38 ng/ml



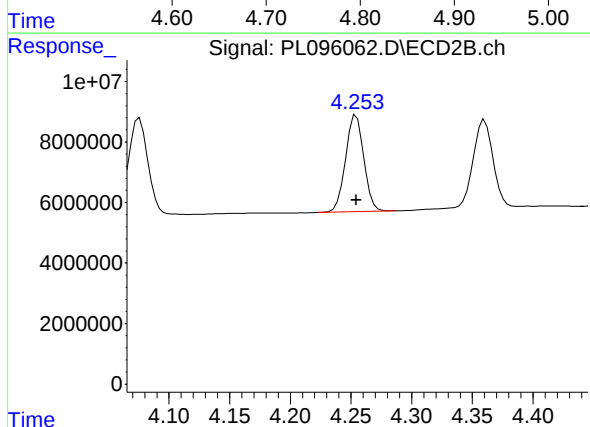
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 26972992
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

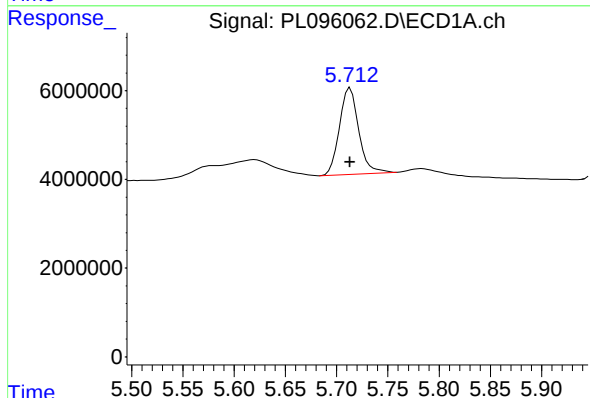
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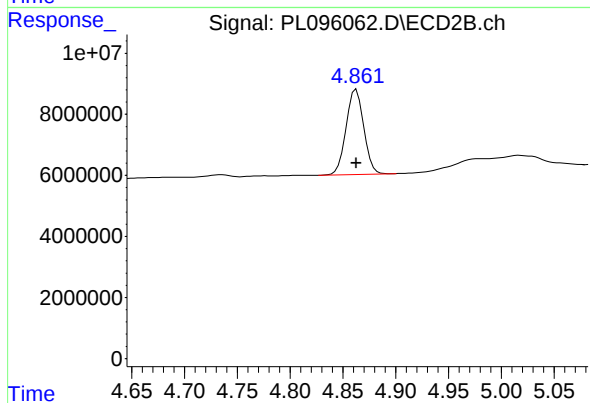
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.000 min
Response: 33399349
Conc: 4.86 ng/ml



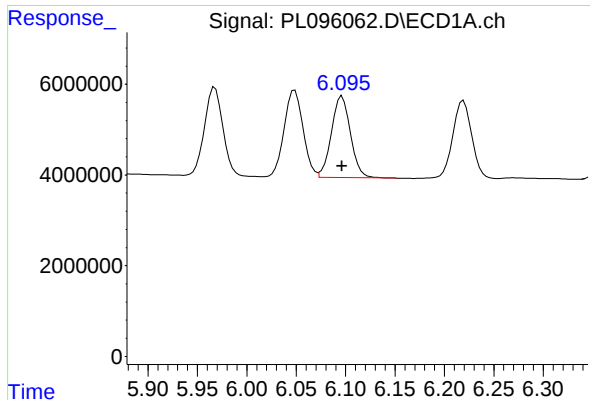
#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 25330086
Conc: 5.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 32572001
Conc: 5.28 ng/ml



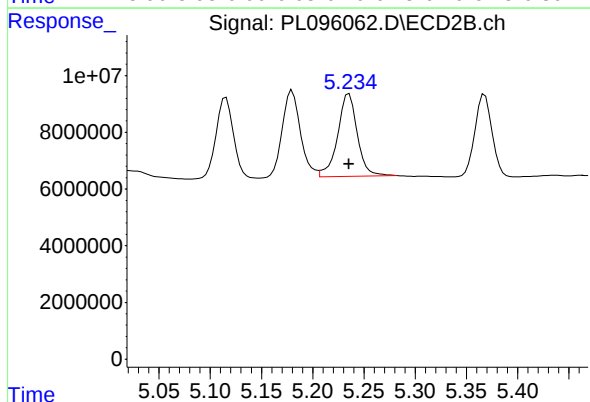
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 23915436
Conc: 5.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

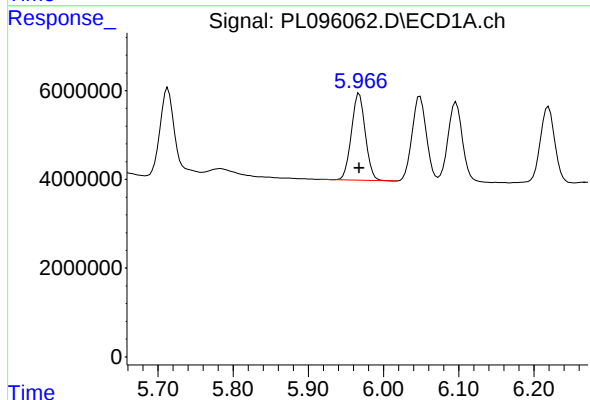
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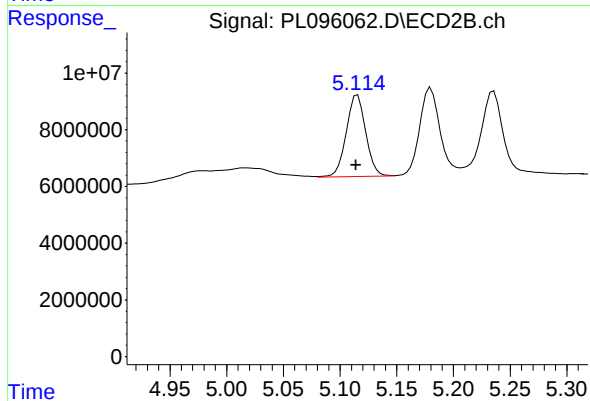
#9 Endosulfan I

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 38524956
Conc: 5.89 ng/ml m



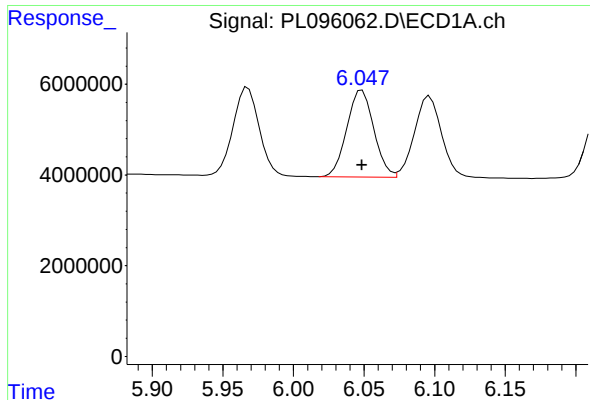
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 25178734
Conc: 5.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 34389576
Conc: 5.17 ng/ml m



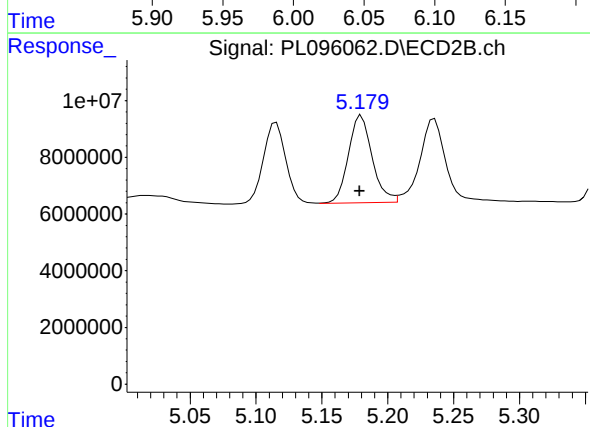
#11 alpha-Chlordane

R.T.: 6.049 min
Delta R.T.: 0.000 min
Response: 25554068
Conc: 5.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

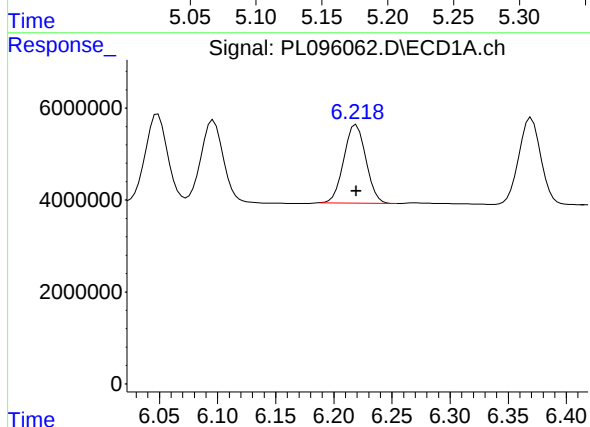
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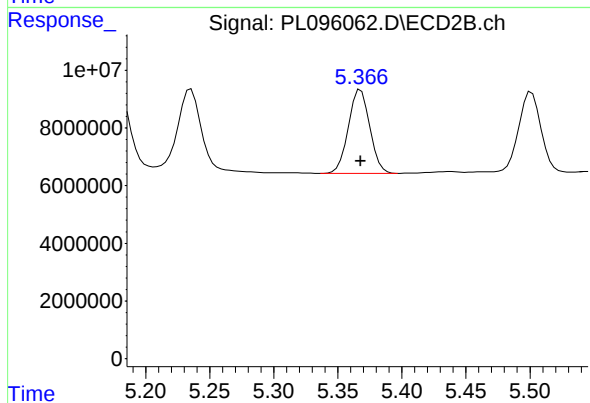
#11 alpha-Chlordane

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 39001230
Conc: 5.74 ng/ml m



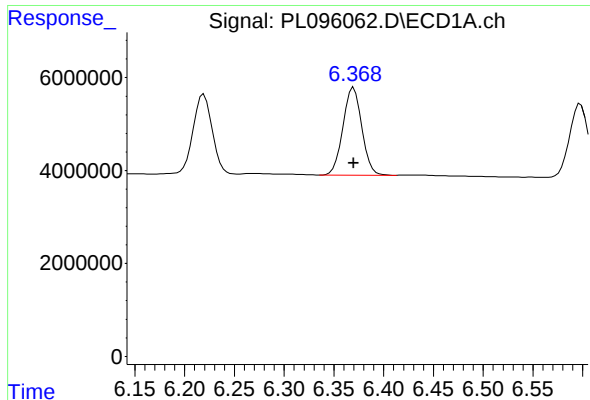
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 22578648
Conc: 5.21 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: -0.001 min
Response: 33736050
Conc: 5.15 ng/ml m



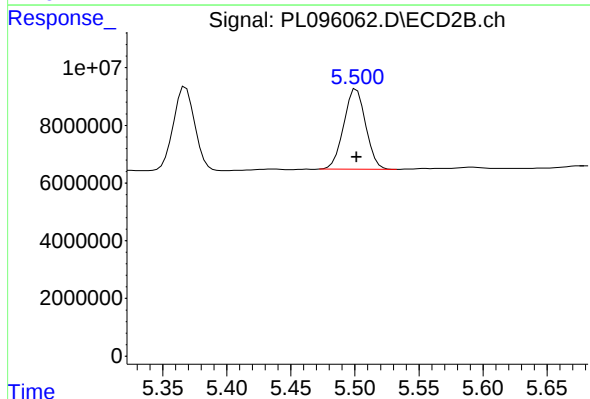
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 24886305
Conc: 5.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

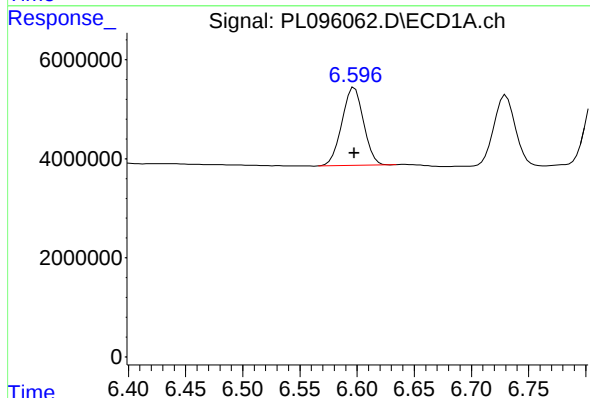
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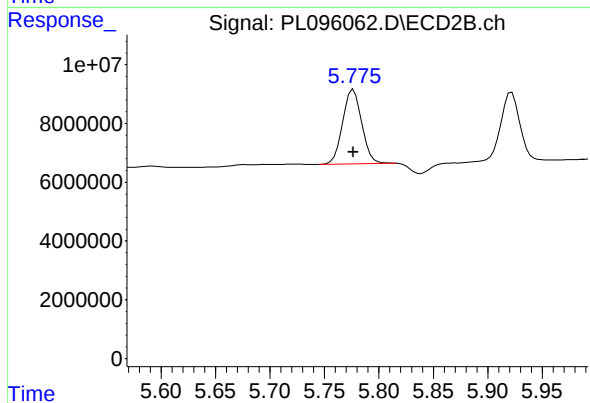
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 33254738
Conc: 5.07 ng/ml



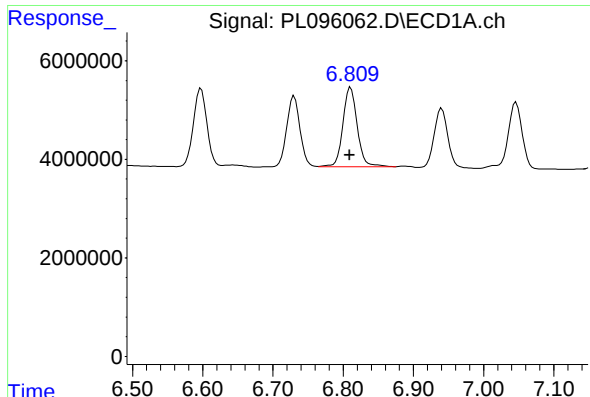
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 20794658
Conc: 5.47 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 30770001
Conc: 5.18 ng/ml



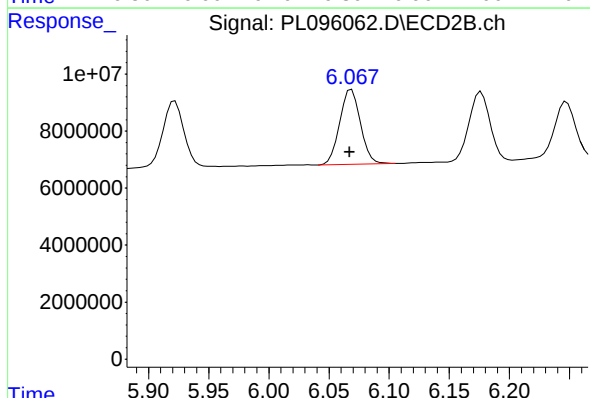
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.001 min
Response: 22839064
Conc: 5.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

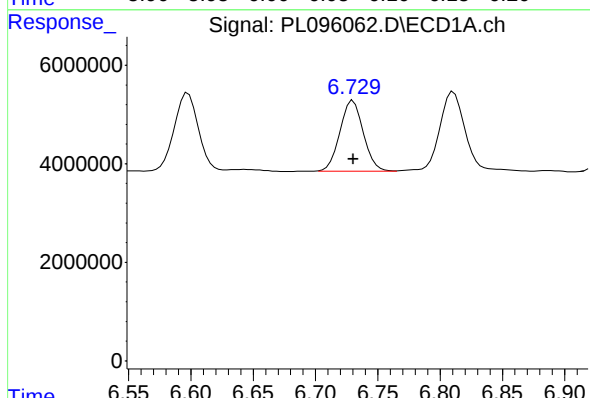
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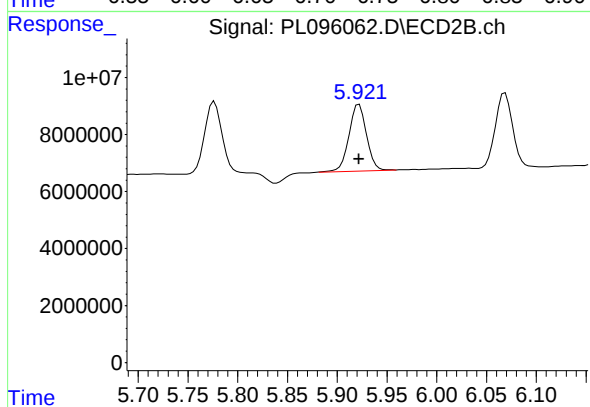
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 31535367
Conc: 5.30 ng/ml m



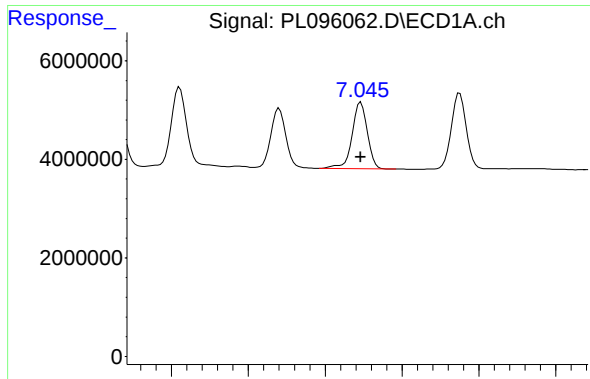
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 18667084
Conc: 5.35 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 28654537
Conc: 5.21 ng/ml



#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: 0.000 min
Response: 18518534
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

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#17 4,4'-DDT

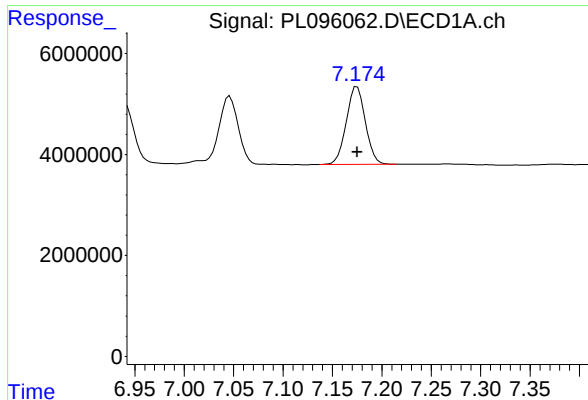
R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 29784541
Conc: 4.96 ng/ml

#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 16265135
Conc: 5.73 ng/ml

#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 26488038
Conc: 5.90 ng/ml



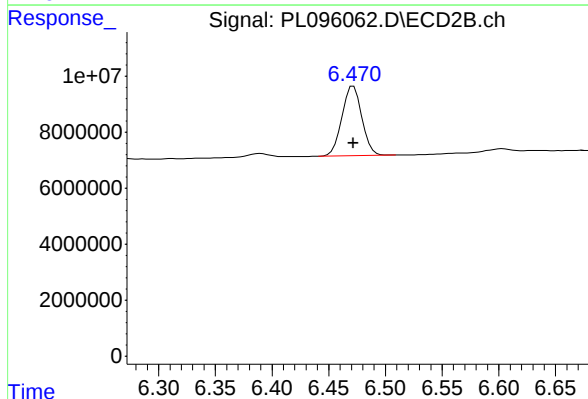
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 20633699
Conc: 5.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

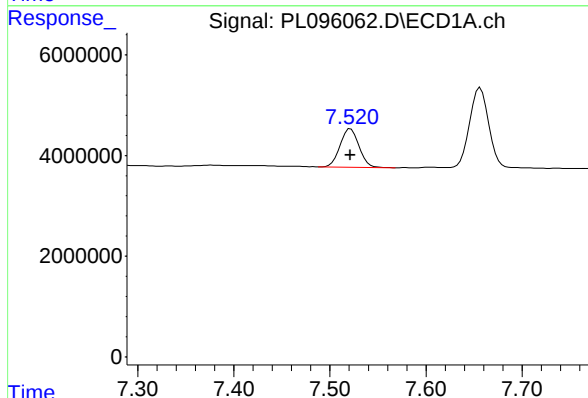
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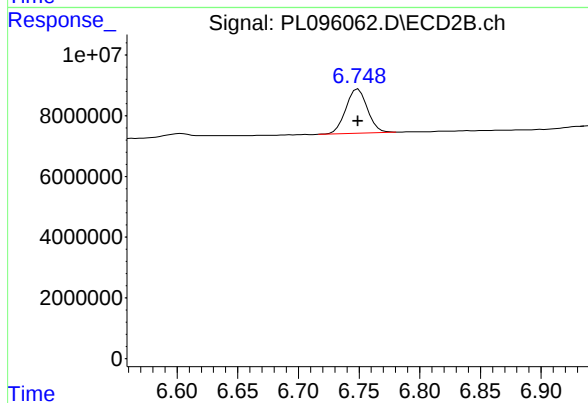
#19 Endosulfan Sulfate

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 30255396
Conc: 5.32 ng/ml



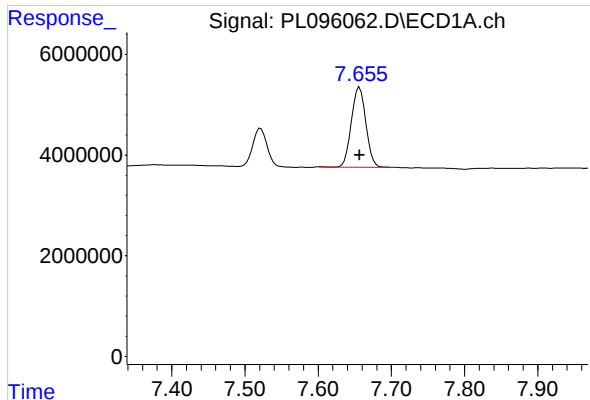
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.000 min
Response: 10322890
Conc: 5.80 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 18053723
Conc: 5.50 ng/ml



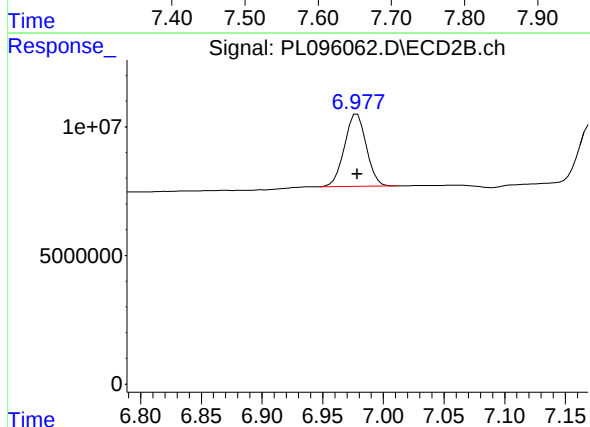
#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 21929237
Conc: 5.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

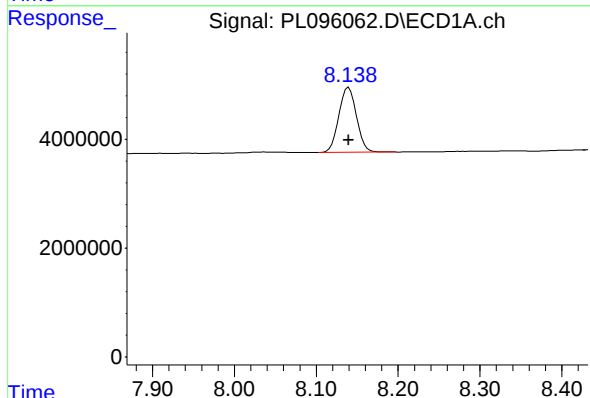
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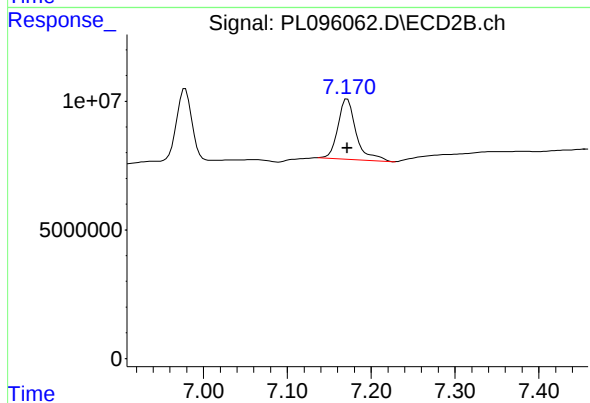
#21 Endrin ketone

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 35233519
Conc: 5.31 ng/ml



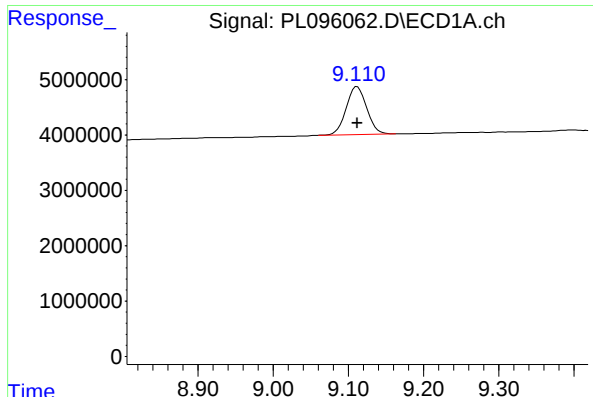
#22 Mirex

R.T.: 8.140 min
Delta R.T.: 0.000 min
Response: 17969041
Conc: 6.06 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 35313807
Conc: 6.32 ng/ml



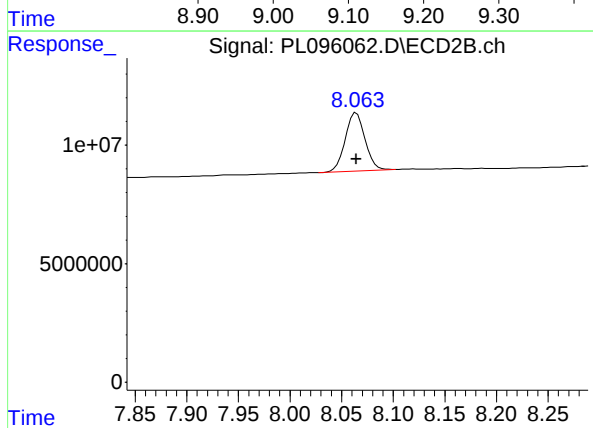
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 16432457
Conc: 5.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2025
Supervised By :mohammad ahmed 06/19/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 32859023
Conc: 5.45 ng/ml