

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061225\
 Data File : PL096031.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jun 2025 18:05
 Operator : AR\AJ
 Sample : Q2296-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-4MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/13/2025
 Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 12 22:53:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 11 14:04:36 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	2.883	52222431	64471267	16.071m	15.885
28) SA Decachlor...	9.111	8.064	41803126	80107317	17.101	16.849
Target Compounds						
2) A alpha-BHC	4.022	3.392	232.0E6	291.1E6	46.440	47.728
3) MA gamma-BHC...	4.354	3.725	216.1E6	275.4E6	46.320	47.375
4) MA Heptachlor	4.951	4.078	187.4E6	273.0E6	45.455	47.372
5) MB Aldrin	5.293	4.362	206.4E6	263.0E6	46.341	47.936
6) B beta-BHC	4.541	4.021	95080347	119.2E6	47.989	46.276
7) B delta-BHC	4.789	4.256	212.7E6	278.8E6	46.745	48.215
8) B Heptachlo...	5.714	4.864	184.1E6	245.4E6	46.677	47.813
9) A Endosulfan I	6.097	5.237	173.7E6	241.7E6	46.472	43.681
10) B gamma-Chl...	5.968	5.117	184.5E6	267.5E6	45.635	49.206
11) B alpha-Chl...	6.050	5.181	186.1E6	262.3E6	46.178	46.026
12) B 4,4'-DDE	6.221	5.370	174.6E6	257.9E6	46.945	47.604
13) MA Dieldrin	6.371	5.503	186.1E6	260.6E6	46.688	48.025
14) MA Endrin	6.598	5.778	150.9E6	238.7E6	47.630	50.261
15) B Endosulfa...	6.812	6.070	153.9E6	235.5E6	44.276	47.825
16) A 4,4'-DDD	6.732	5.923	140.5E6	217.1E6	46.726	47.448
17) MA 4,4'-DDT	7.048	6.177	132.4E6	229.2E6	46.520	48.621
18) B Endrin al...	6.941	6.248	116.1E6	174.4E6	46.842	47.530
19) B Endosulfa...	7.176	6.473	141.3E6	217.0E6	45.674	46.272
20) A Methoxychlor	7.523	6.749	66315559	122.0E6	46.316	47.406
21) B Endrin ke...	7.658	6.979	151.9E6	259.2E6	45.280	46.855
22) Mirex	8.141	7.172	114.0E6	202.8E6	45.191	46.487

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061225\
Data File : PL096031.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jun 2025 18:05
Operator : AR\AJ
Sample : Q2296-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

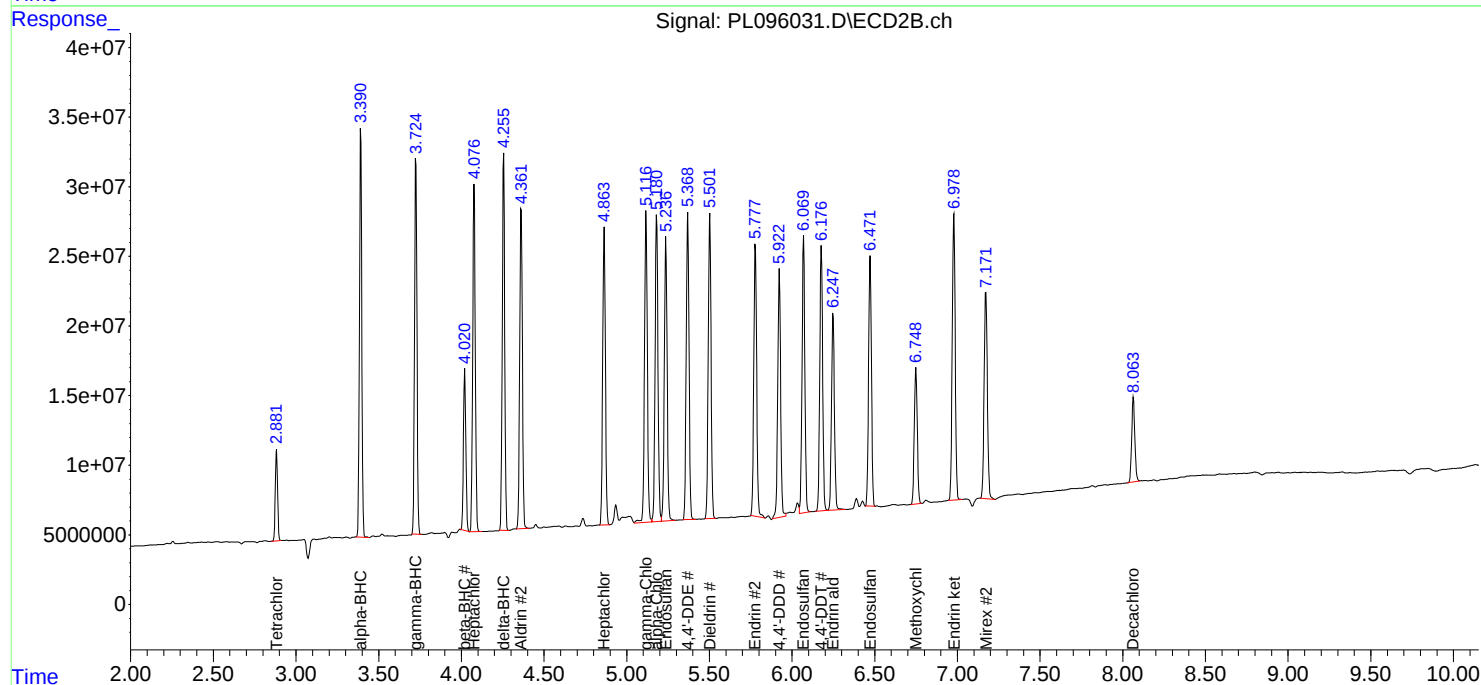
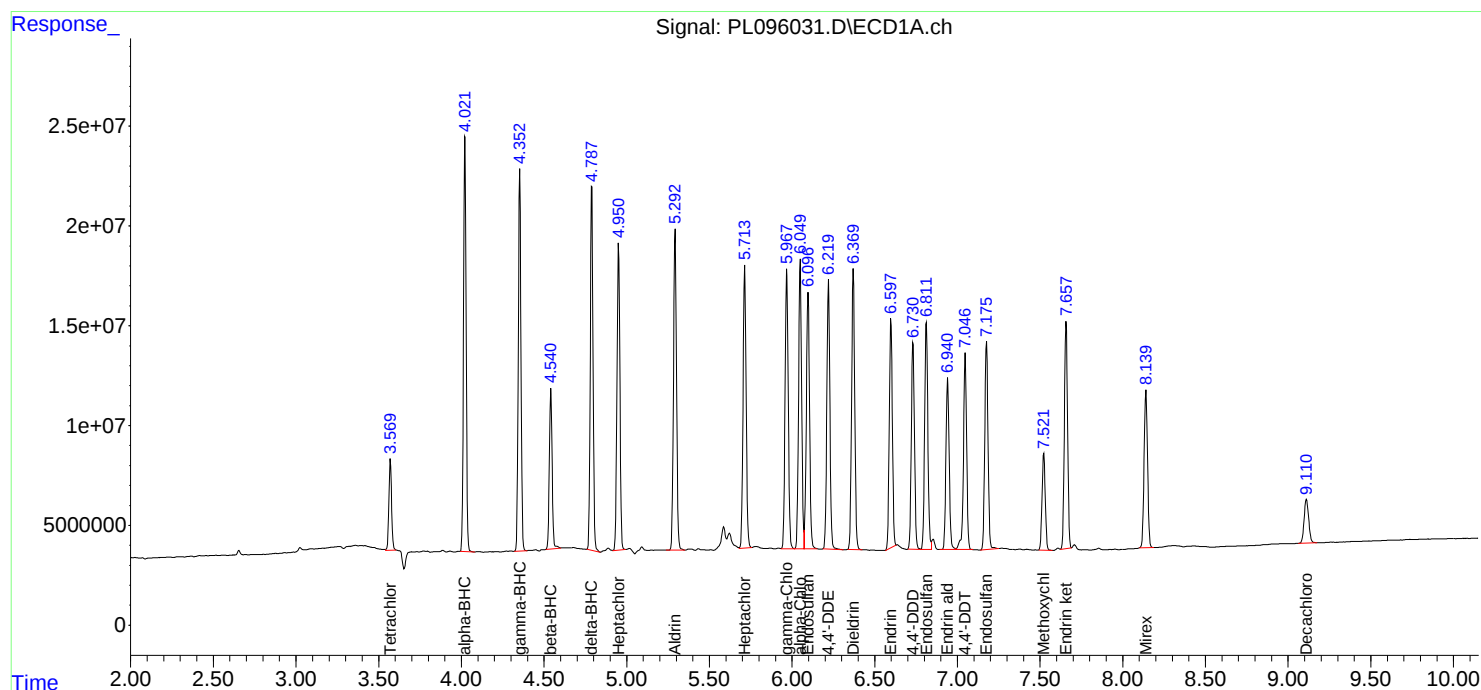
Instrument :
ECD_L
ClientSampleId :
WC-4MS

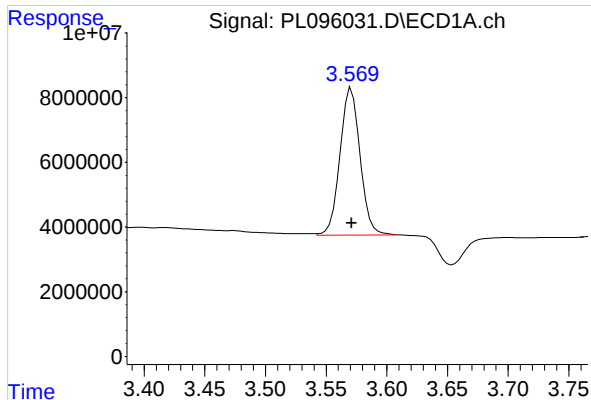
Manual Integrations
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Supervised By :mohammad ahmed 06/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 22:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061125.M
Quant Title : GC Extractables
QLast Update : Wed Jun 11 14:04:36 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





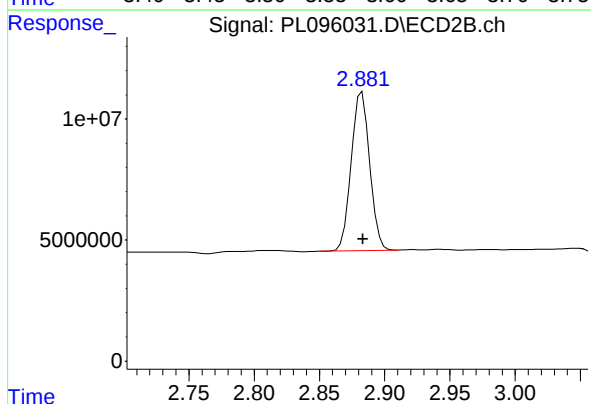
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.002 min
Response: 52222431
Conc: 16.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

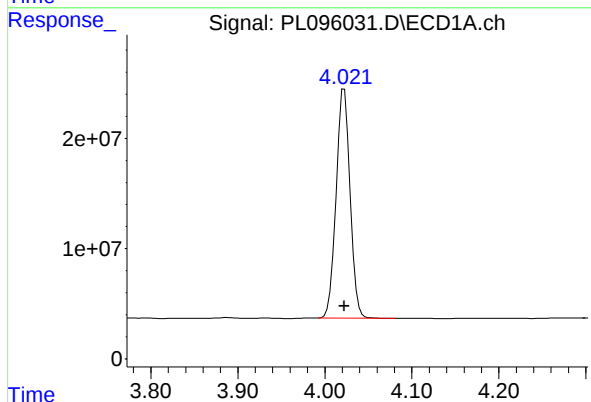
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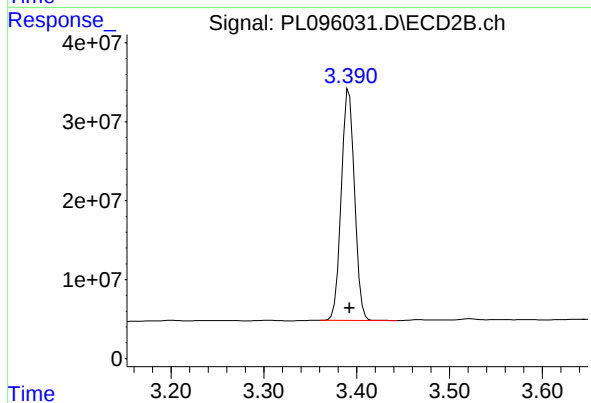
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 64471267
Conc: 15.89 ng/ml



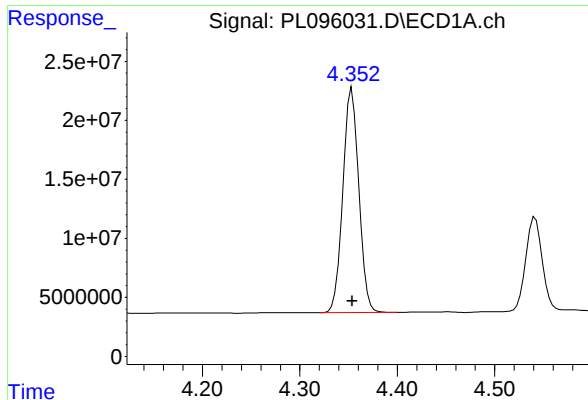
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 231973772
Conc: 46.44 ng/ml



#2 alpha-BHC

R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 291149964
Conc: 47.73 ng/ml



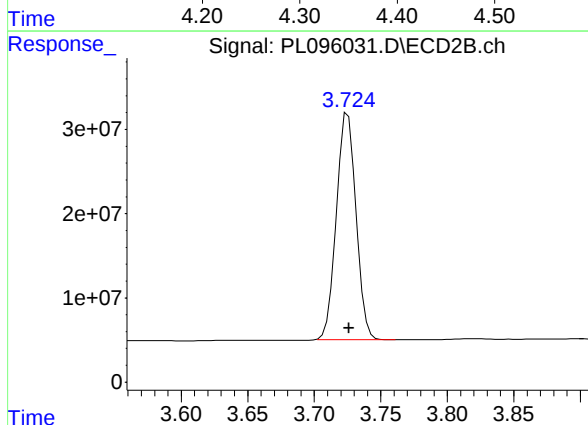
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: 0.000 min
Response: 216055670
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

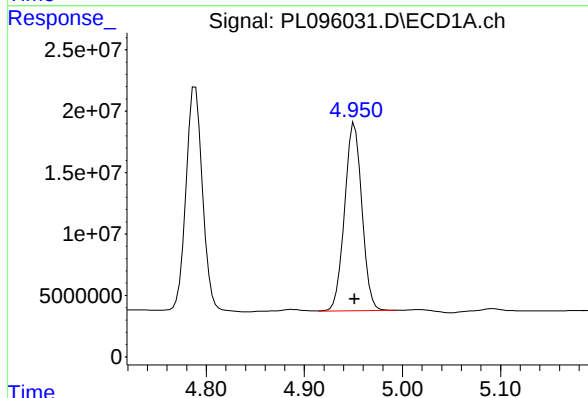
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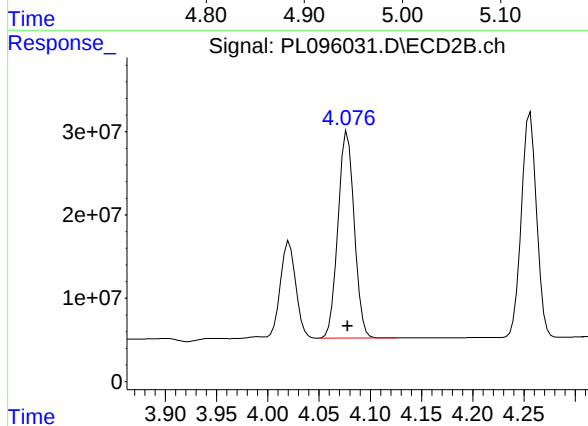
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 275447584
Conc: 47.38 ng/ml



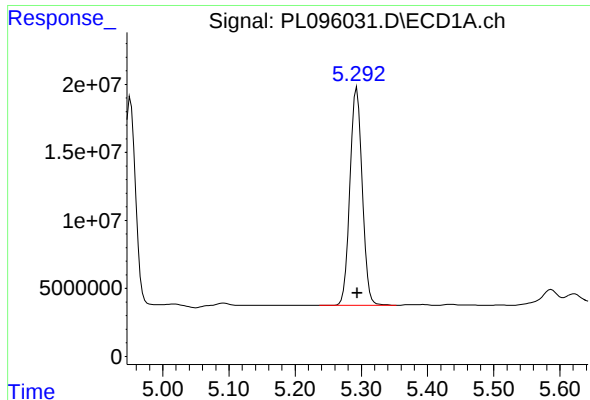
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.000 min
Response: 187396946
Conc: 45.45 ng/ml



#4 Heptachlor

R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 272988289
Conc: 47.37 ng/ml



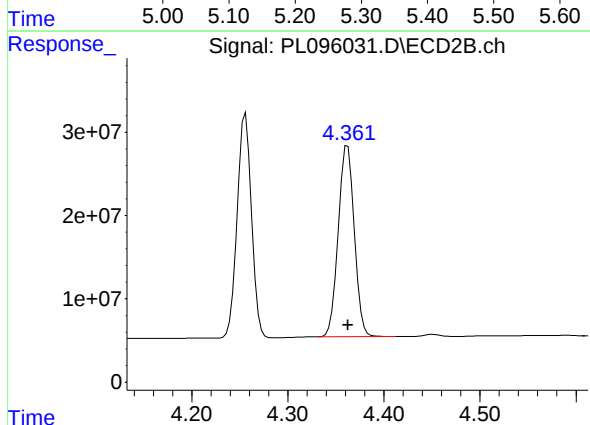
#5 Aldrin

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 206380869
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

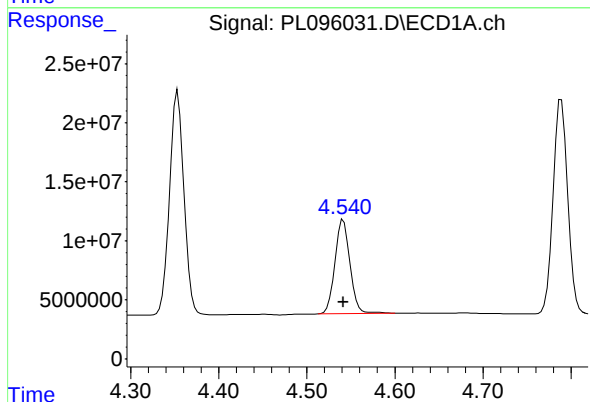
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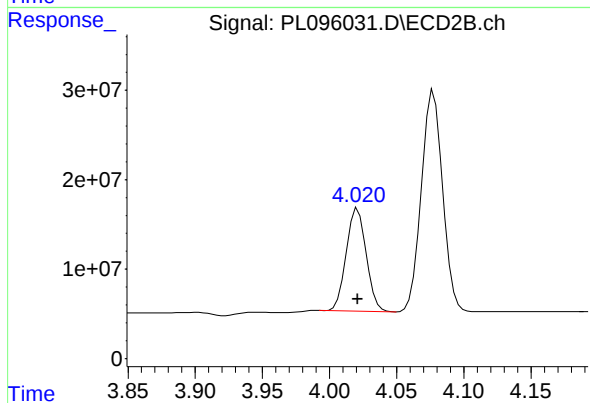
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 262964912
Conc: 47.94 ng/ml



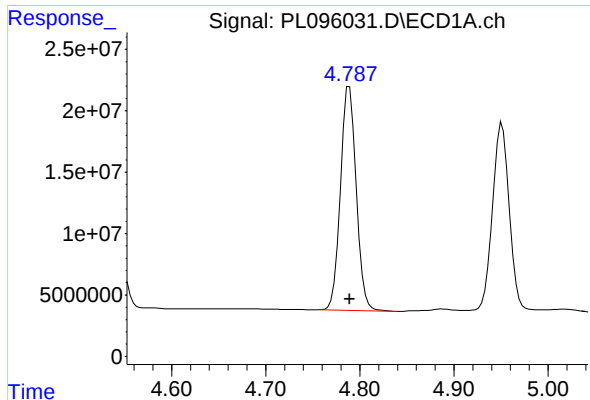
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 95080347
Conc: 47.99 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 119168593
Conc: 46.28 ng/ml



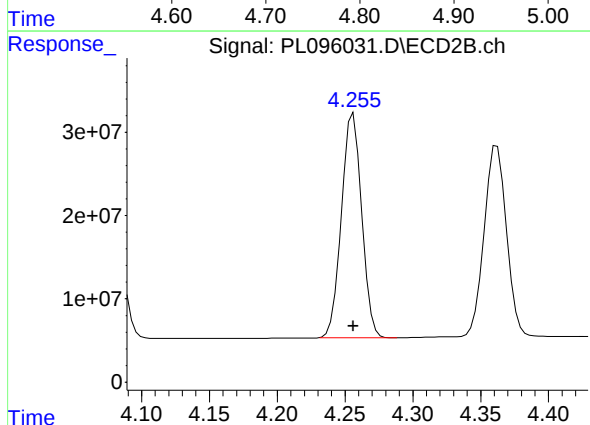
#7 delta-BHC

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 212657771
Conc: 46.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

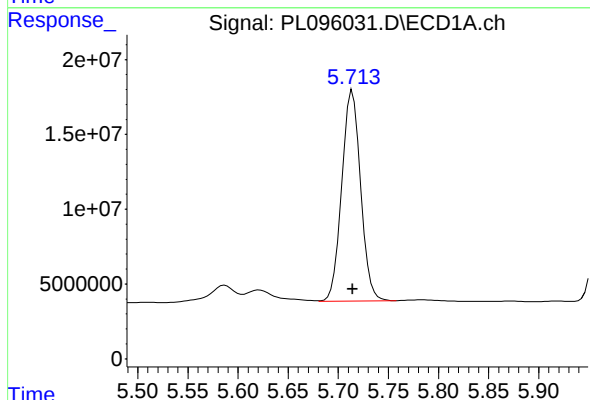
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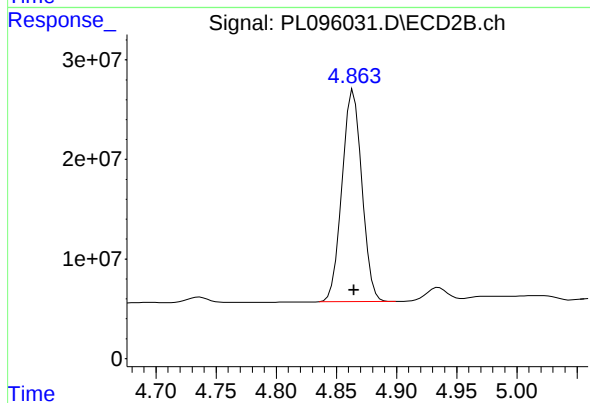
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 278848631
Conc: 48.22 ng/ml



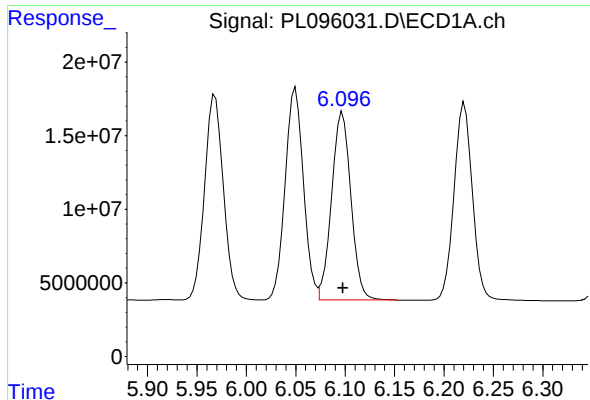
#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 184119179
Conc: 46.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min
Delta R.T.: 0.000 min
Response: 245400252
Conc: 47.81 ng/ml



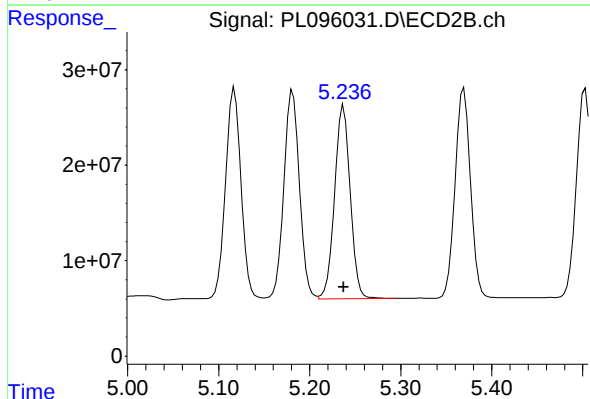
#9 Endosulfan I

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 173727959
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

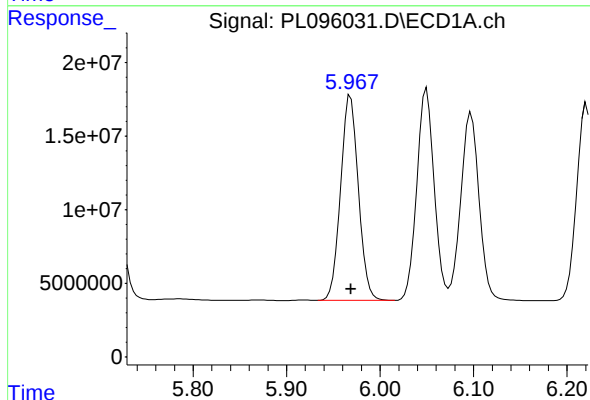
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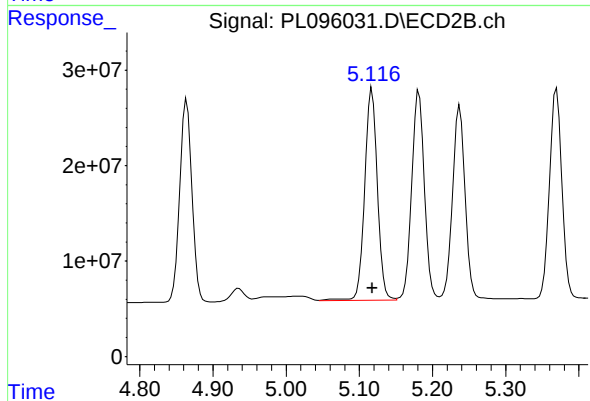
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 241664241
Conc: 43.68 ng/ml



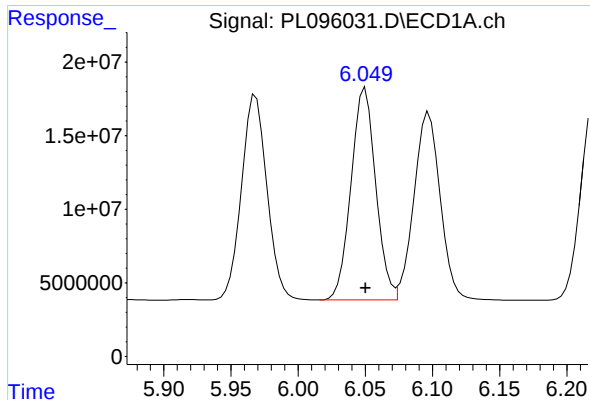
#10 gamma-Chlordane

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 184470338
Conc: 45.63 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 267542436
Conc: 49.21 ng/ml



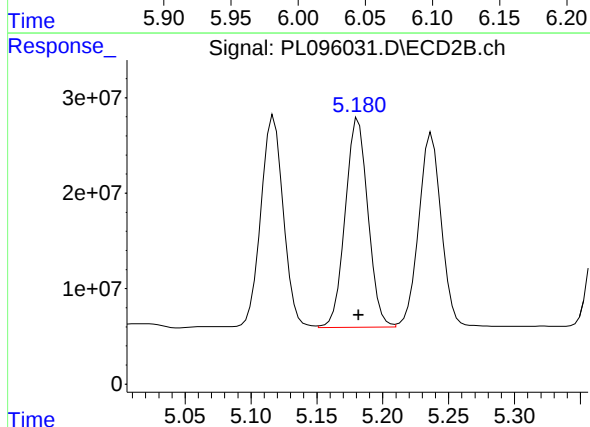
#11 alpha-Chlordane

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 186085670
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

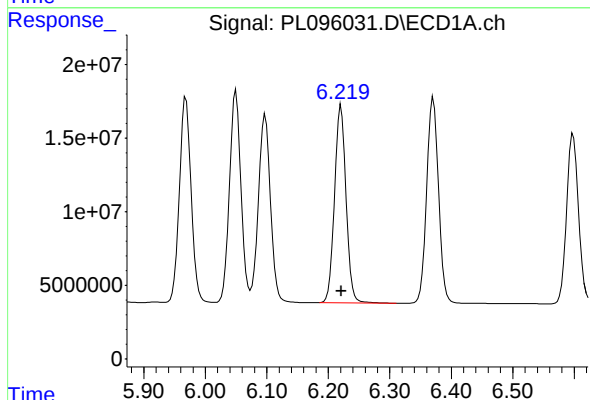
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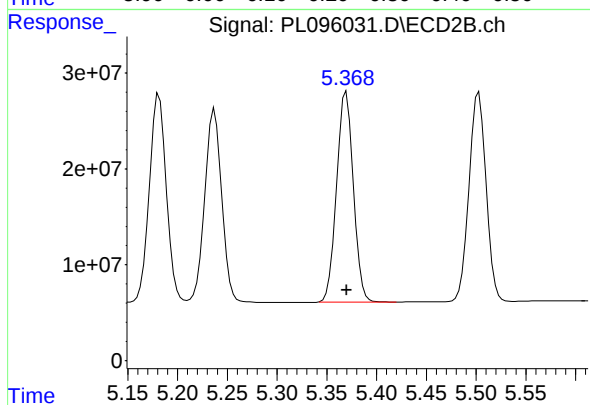
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 262314389
Conc: 46.03 ng/ml



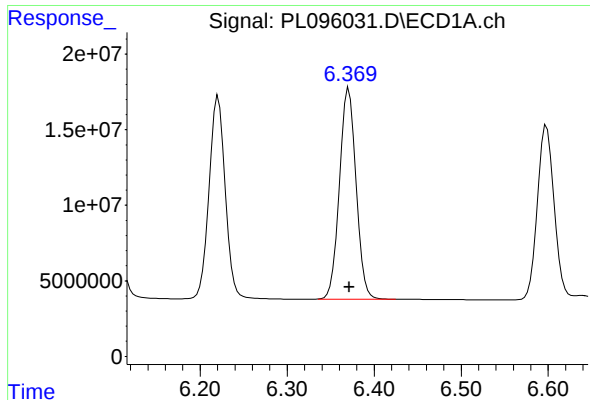
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 174645790
Conc: 46.95 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 257909363
Conc: 47.60 ng/ml



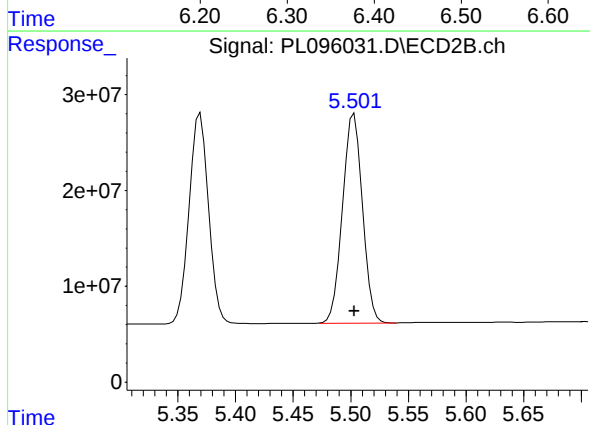
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 186073244
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

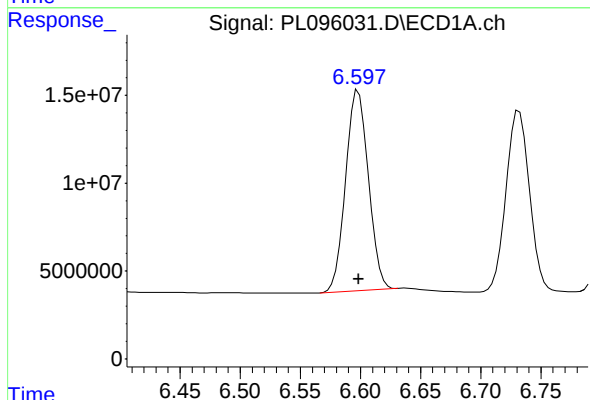
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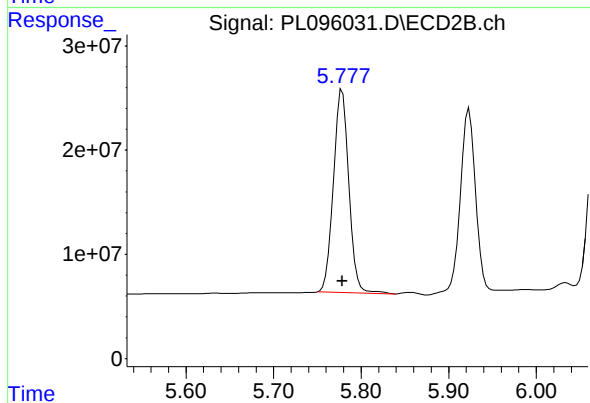
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 260604779
Conc: 48.02 ng/ml



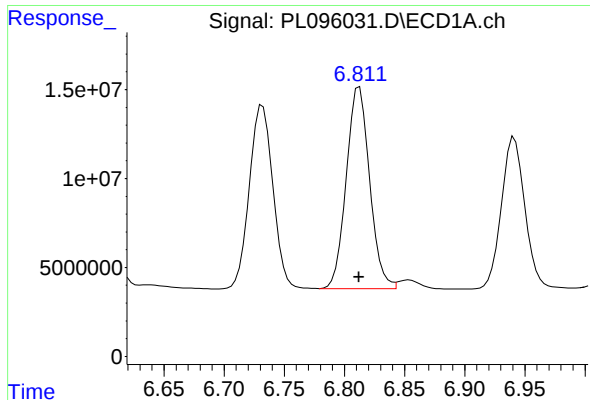
#14 Endrin

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 150856875
Conc: 47.63 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 238712037
Conc: 50.26 ng/ml



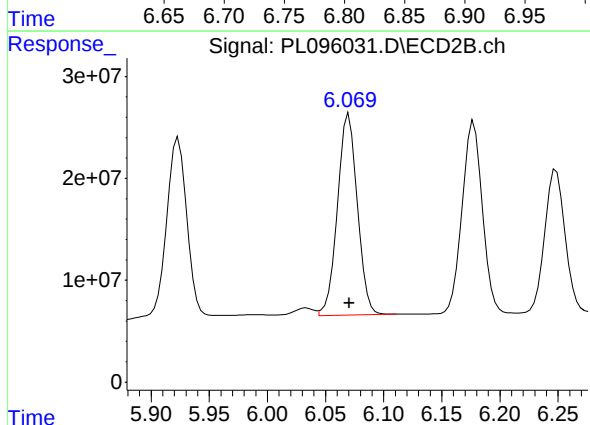
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 153876597
Conc: 44.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

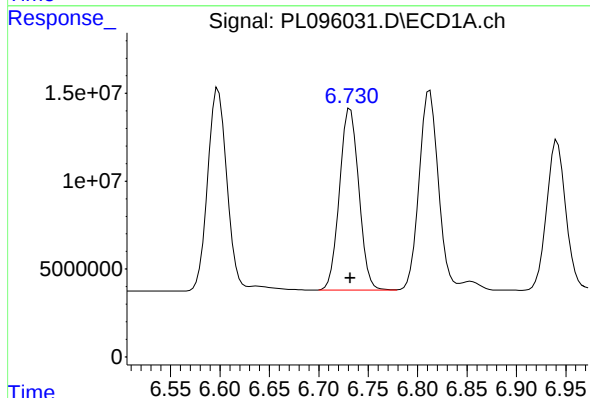
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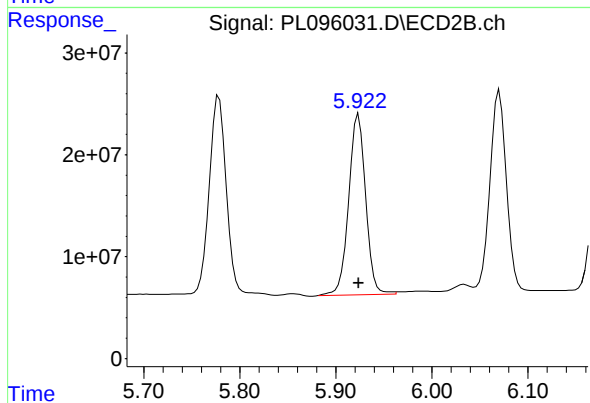
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 235548268
Conc: 47.82 ng/ml



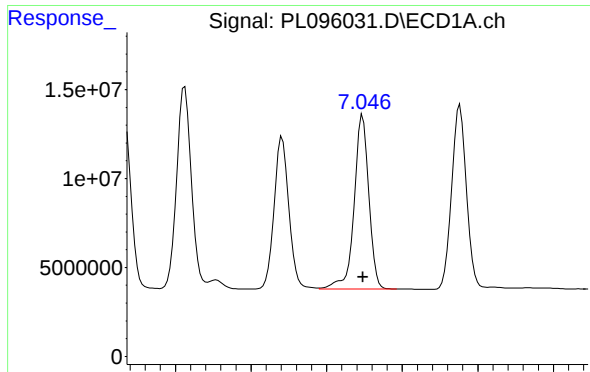
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 140492567
Conc: 46.73 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 217145191
Conc: 47.45 ng/ml



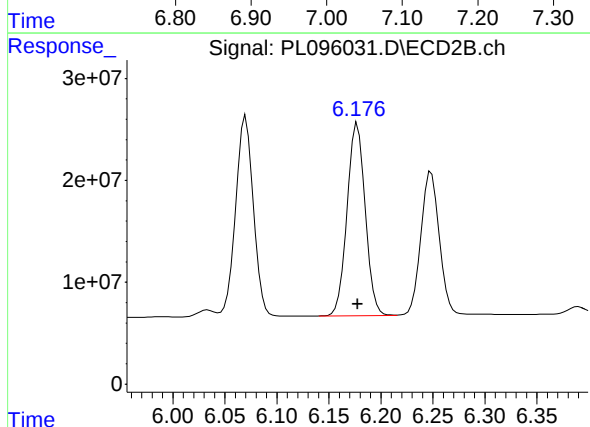
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 132421867
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

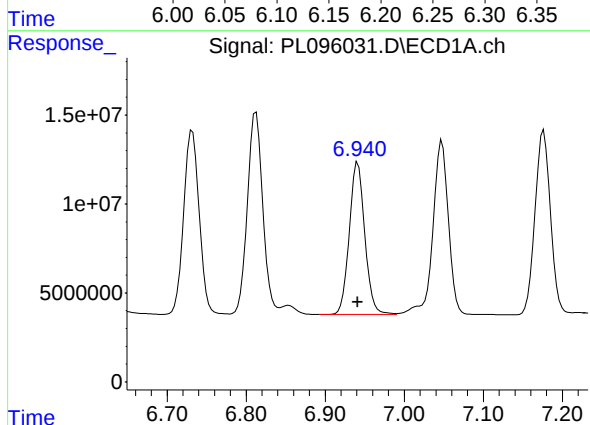
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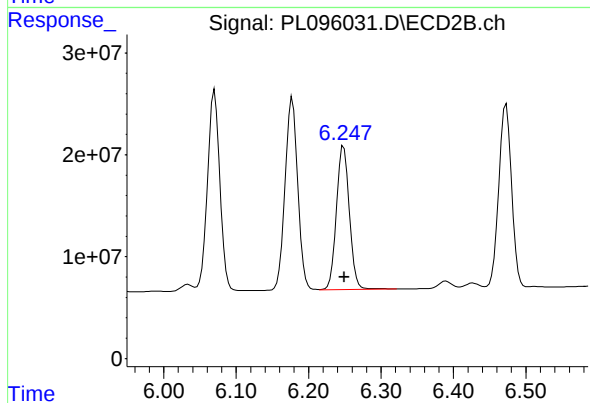
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 229170335
Conc: 48.62 ng/ml



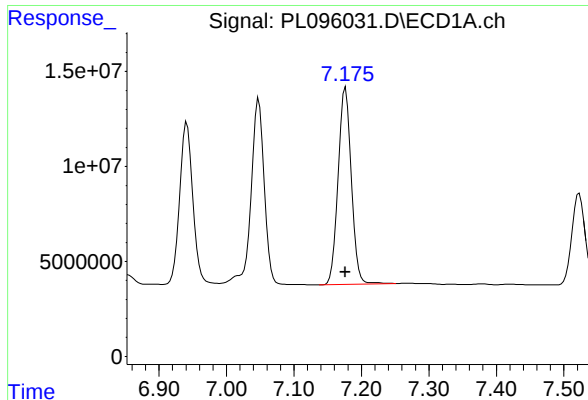
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 116097996
Conc: 46.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 174441849
Conc: 47.53 ng/ml



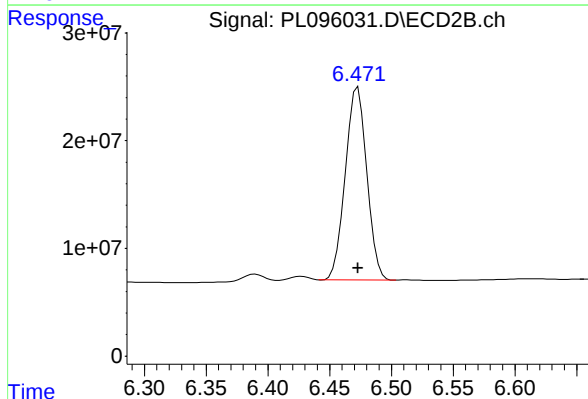
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 141260657
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

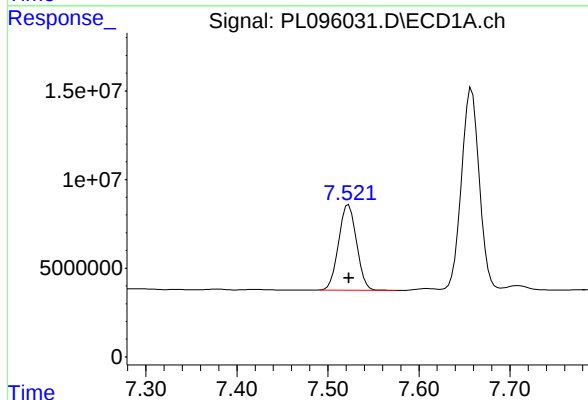
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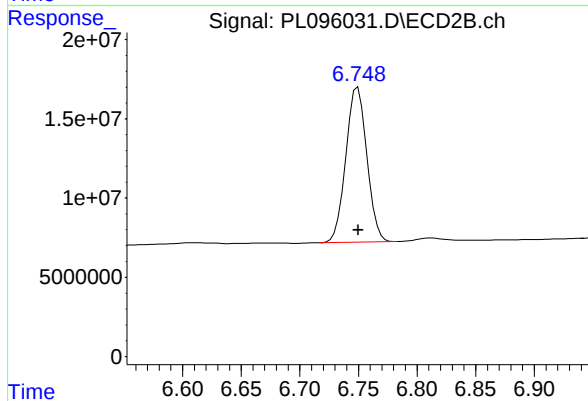
#19 Endosulfan Sulfate

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 217016788
Conc: 46.27 ng/ml



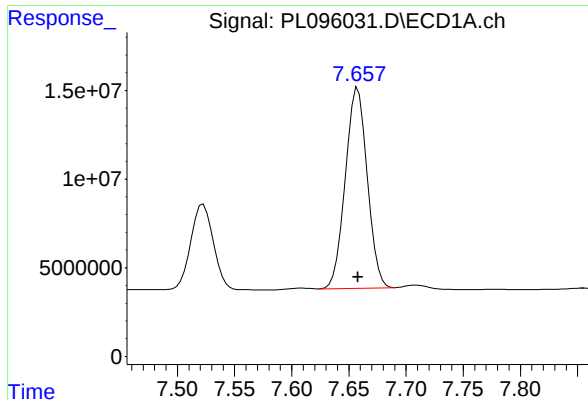
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 66315559
Conc: 46.32 ng/ml



#20 Methoxychlor

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 122011932
Conc: 47.41 ng/ml



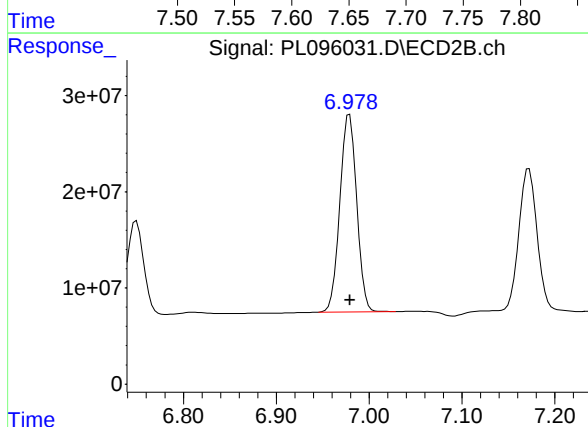
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 15191944
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

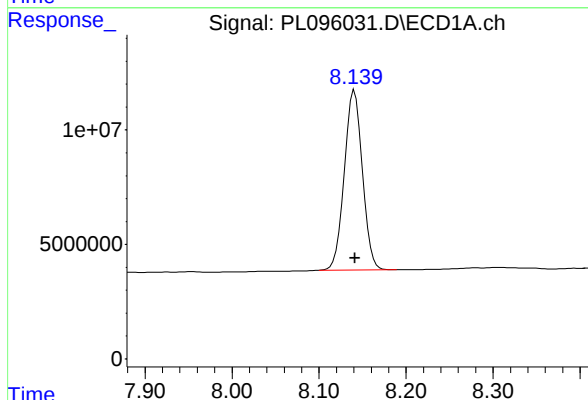
Manual Integrations
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Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



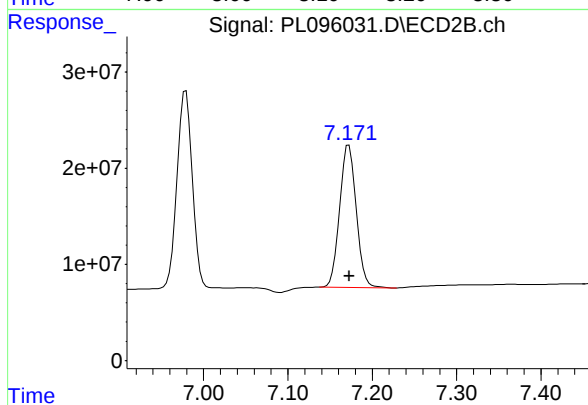
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 259240704
Conc: 46.86 ng/ml



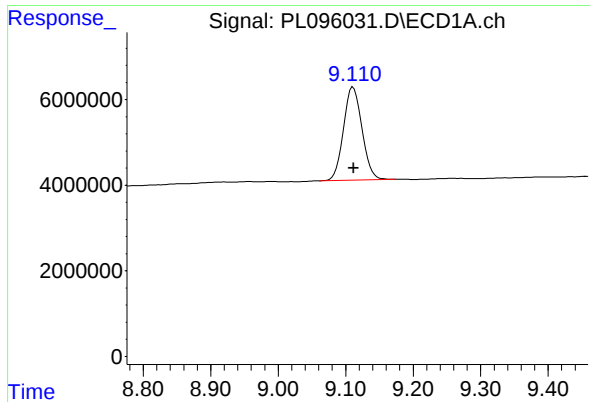
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 114014059
Conc: 45.19 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 202808865
Conc: 46.49 ng/ml



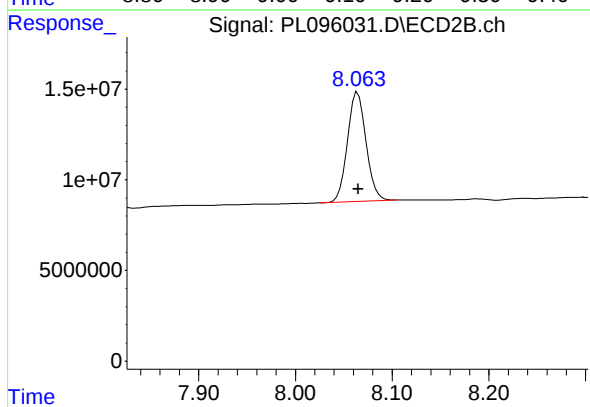
#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.001 min
Response: 41803126
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-4MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/13/2025
Supervised By :mohammad ahmed 06/16/2025



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 80107317
Conc: 16.85 ng/ml