

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 19:25
 Operator : AR\AJ
 Sample : Q1502-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WP

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/12/2025
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 03:03:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.537	2.770	74181343	75299350	26.206	21.097m
28)	SA Decachlor...	9.053	7.905	52492033	100.3E6	24.908	24.827
Target Compounds							
2)	A alpha-BHC	3.994	3.274	2170.7E6	2981.1E6	522.766	552.933
3)	MA gamma-BHC...	4.326	3.603	1866.3E6	2587.2E6	467.702	503.402
4)	MA Heptachlor	4.914	3.941	1406.5E6	2063.3E6	362.351	391.625
5)	MB Aldrin	5.254	4.220	3107.5E6	4355.8E6	841.642m	893.254
6)	B beta-BHC	4.525	3.903	764.0E6	1063.4E6	414.068	478.742
7)	B delta-BHC	4.772	4.132	5336.0E6	7055.7E6	1370.215	1410.586
8)	B Heptachlo...	5.682	4.723	2667.5E6	3765.1E6	797.410	822.337
9)	A Endosulfan I	6.068	5.093	4028.0E6	5816.3E6	1311.963	1325.273
10)	B gamma-Chl...	5.938	4.973	519.7E6	836.5E6	154.252	173.248
11)	B alpha-Chl...	6.017	5.036	919.5E6	1497.4E6	278.894	313.740
12)	B 4,4'-DDE	6.191	5.225	1765.3E6	2979.1E6	600.030	640.879
13)	MA Dieldrin	6.343	5.357	2741.5E6	4236.9E6	857.230	873.259
14)	MA Endrin	6.573	5.632	3938.4E6	5934.3E6	1420.756	1359.948
15)	B Endosulfa...	6.793	5.927	1587.5E6	2649.4E6	584.752	612.127
16)	A 4,4'-DDD	6.709	5.779	1875.5E6	3511.9E6	865.861	976.641m
17)	MA 4,4'-DDT	7.022	6.030	1235.5E6	2350.3E6	519.432	582.902
18)	B Endrin al...	6.923	6.107	2994.0E6	4875.7E6	1418.291	1448.789
19)	B Endosulfa...	7.157	6.330	2006.5E6	3564.0E6	825.018	874.925
20)	A Methoxychlor	7.499	6.605	860.1E6	1552.7E6	718.515	732.050
21)	B Endrin ke...	7.641	6.835	3924.4E6	6483.8E6	1484.692m	1358.550

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 19:25
Operator : AR\AJ
Sample : Q1502-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PT-PEST-WP

Manual Integrations

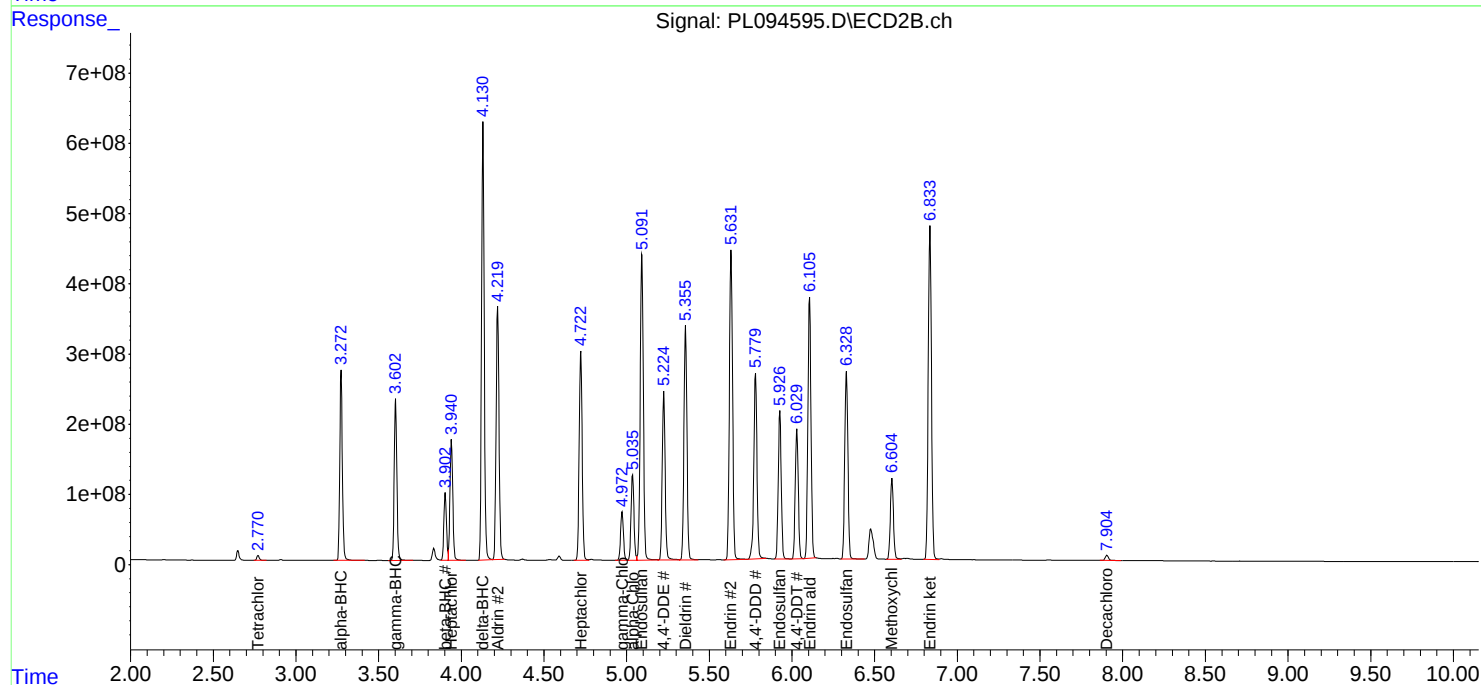
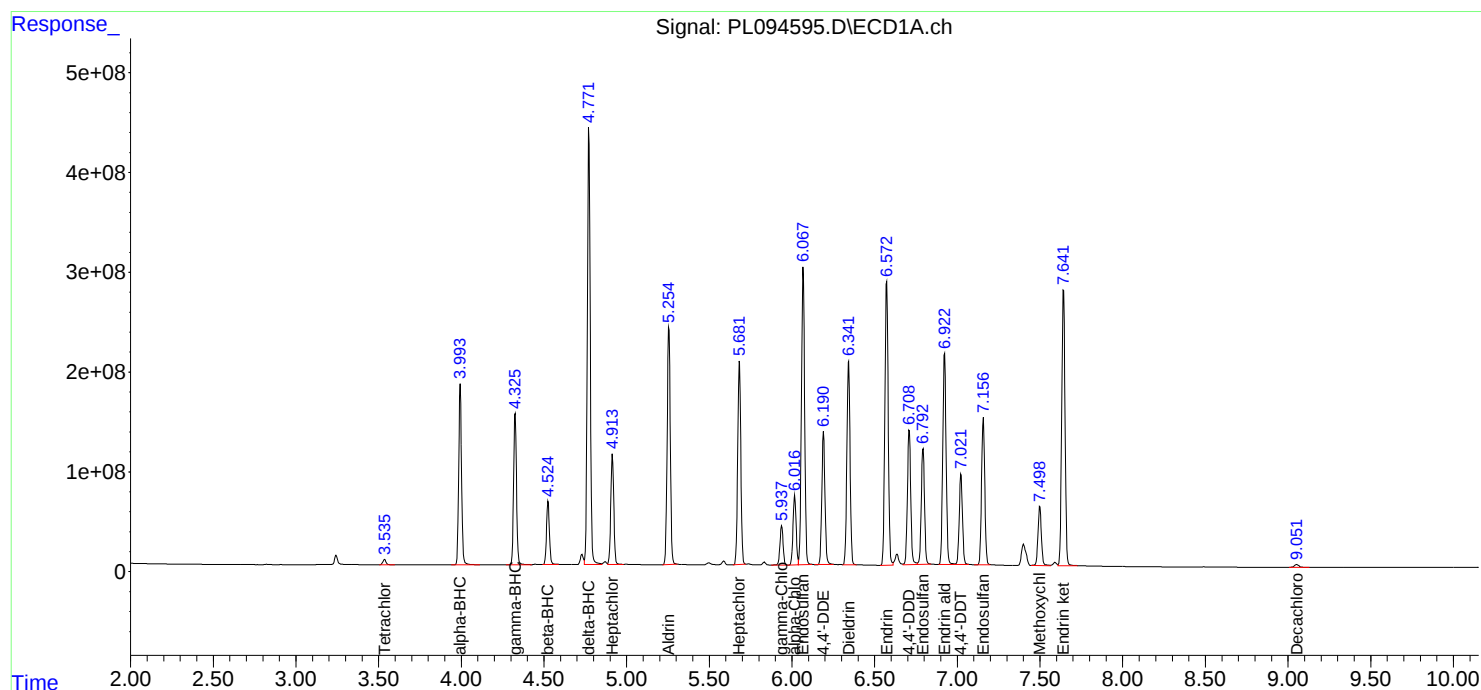
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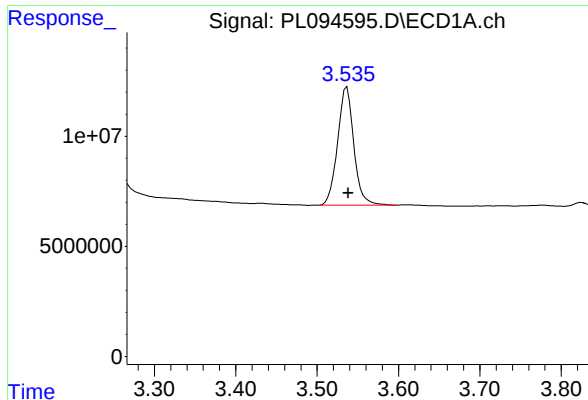
Reviewed By :Abdul Mirza 03/12/2025

Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:03:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





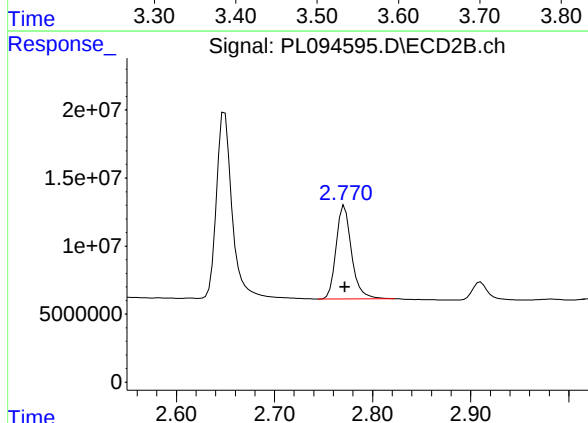
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 74181343
Conc: 26.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

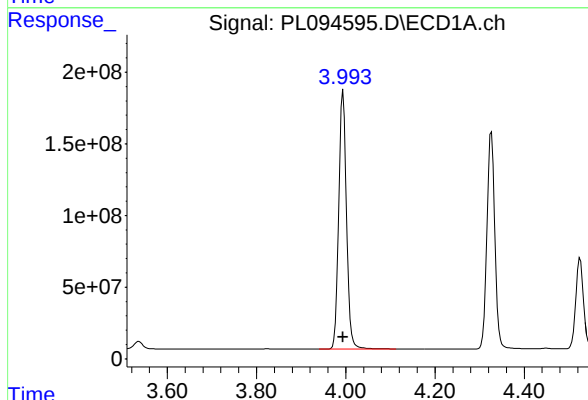
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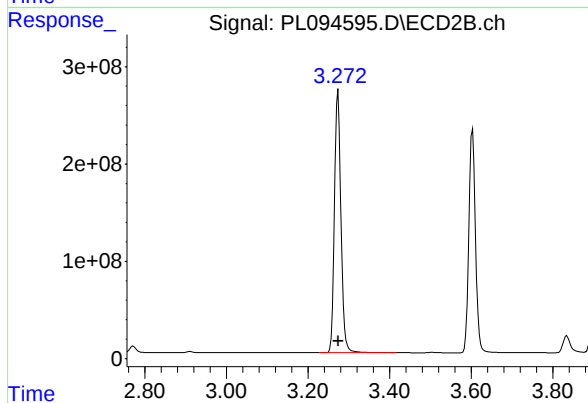
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 75299350
Conc: 21.10 ng/ml



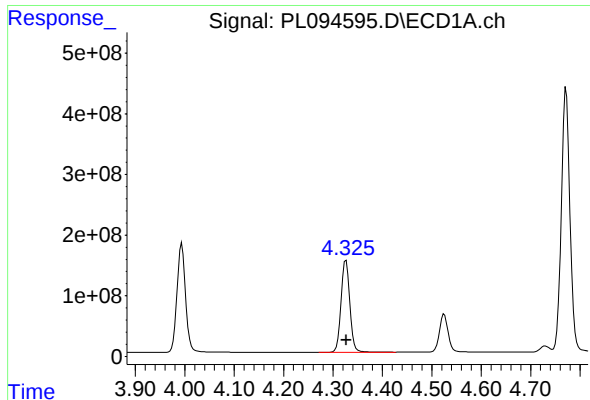
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 2170704387
Conc: 522.77 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 2981066084
Conc: 552.93 ng/ml



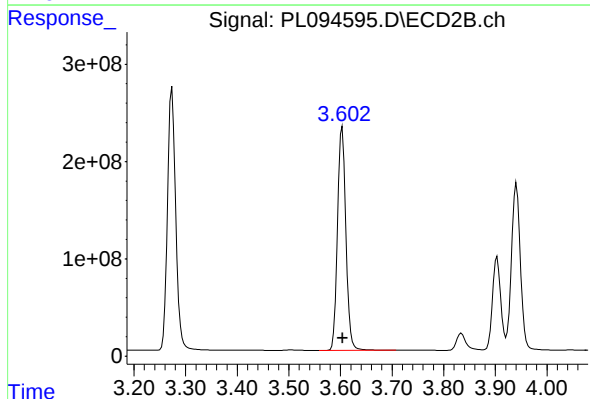
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 1866257178
Conc: 467.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

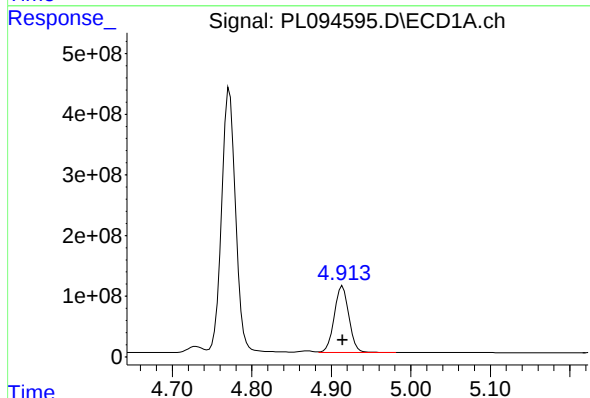
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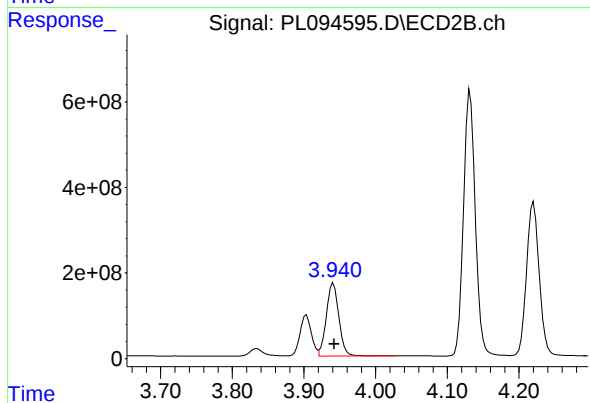
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.001 min
Response: 2587207070
Conc: 503.40 ng/ml



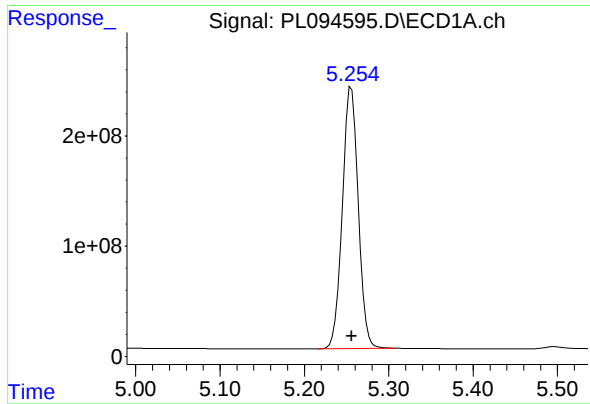
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 1406510479
Conc: 362.35 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.001 min
Response: 2063331588
Conc: 391.62 ng/ml



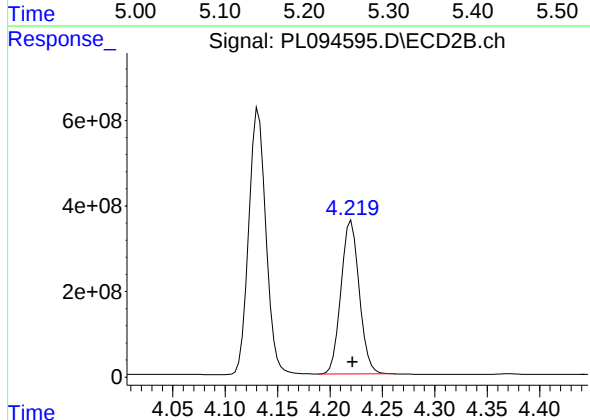
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 3107528361
Conc: 841.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

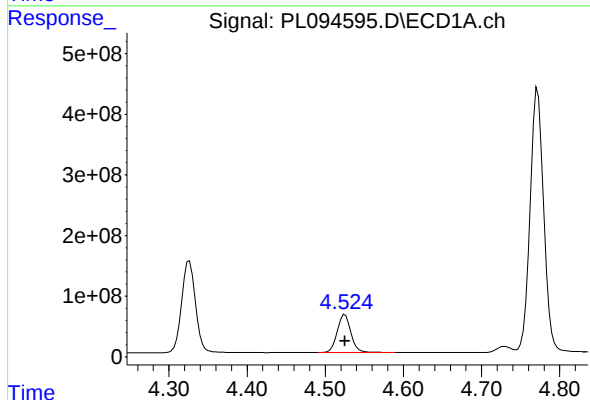
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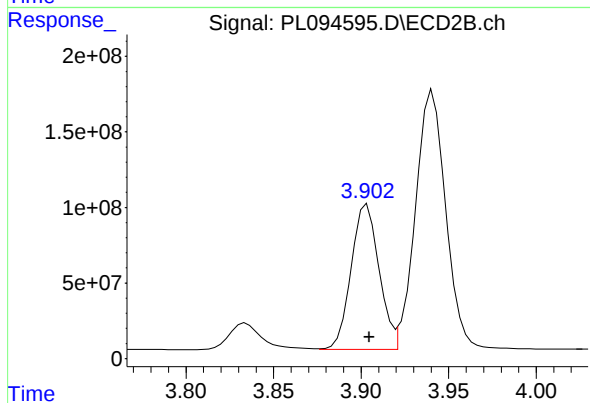
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.001 min
Response: 4355812509
Conc: 893.25 ng/ml



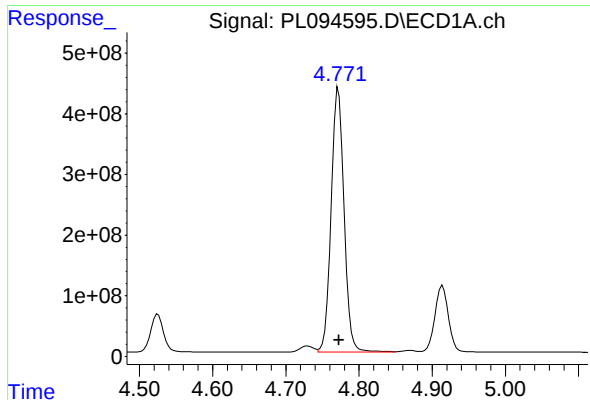
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 764045200
Conc: 414.07 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.001 min
Response: 1063426611
Conc: 478.74 ng/ml



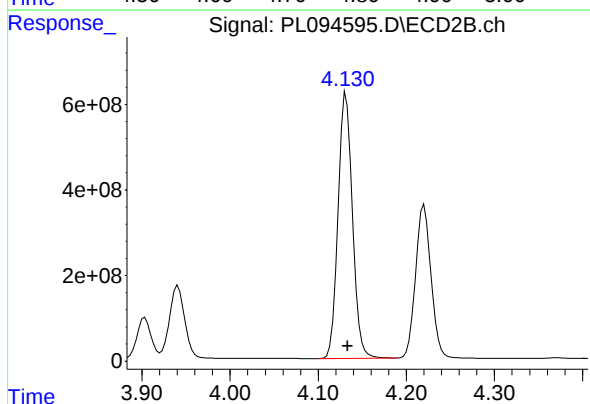
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 5336040471
Conc: 1370.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

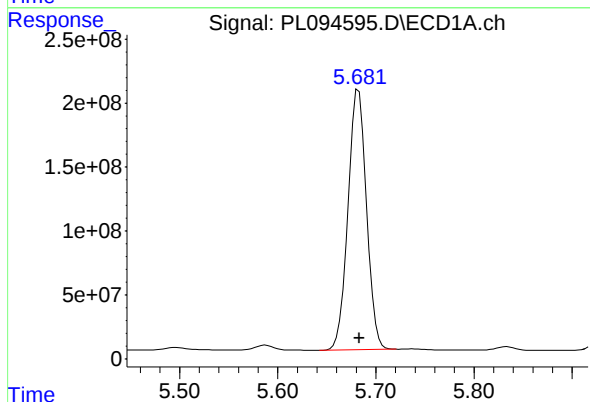
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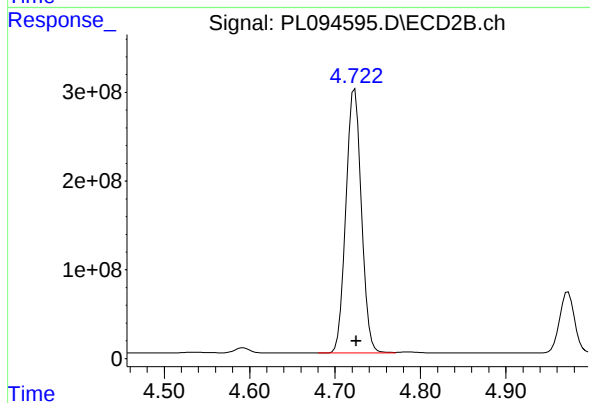
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 7055722886
Conc: 1410.59 ng/ml



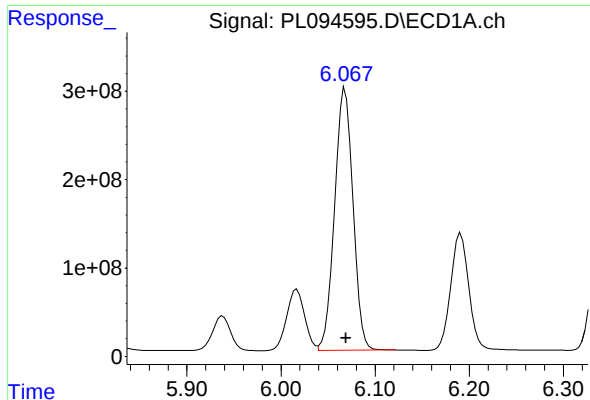
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 2667493763
Conc: 797.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 3765141478
Conc: 822.34 ng/ml



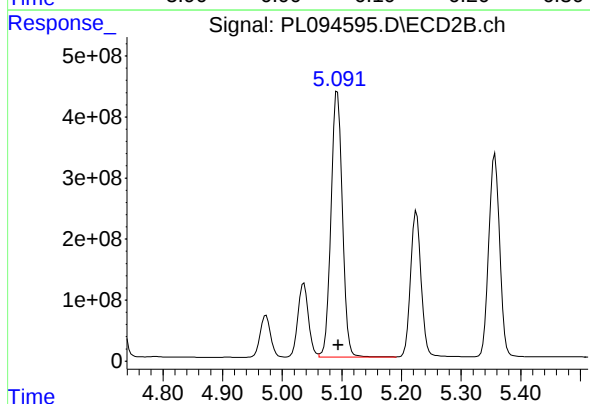
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 4027993208
Conc: 1311.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

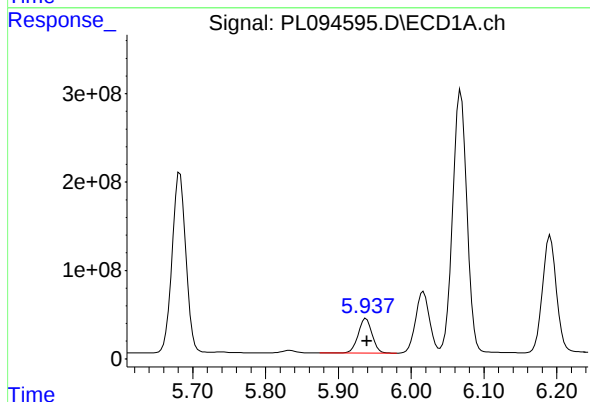
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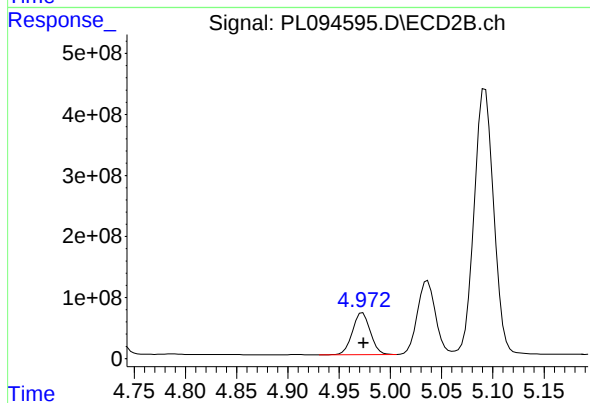
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 5816267783
Conc: 1325.27 ng/ml



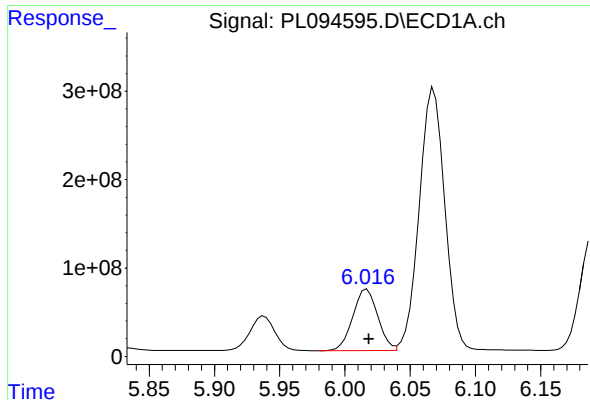
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 519730805
Conc: 154.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 836514114
Conc: 173.25 ng/ml



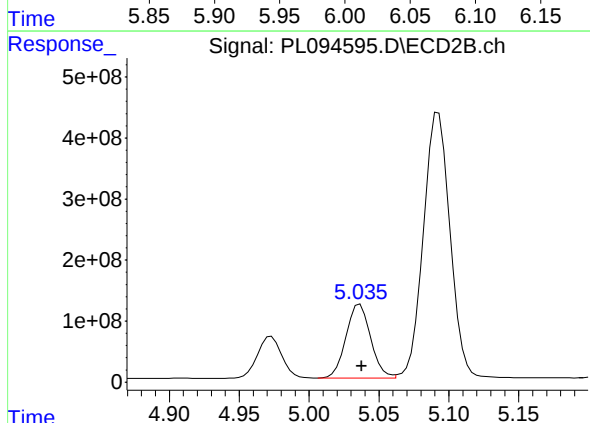
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 919467632
Conc: 278.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

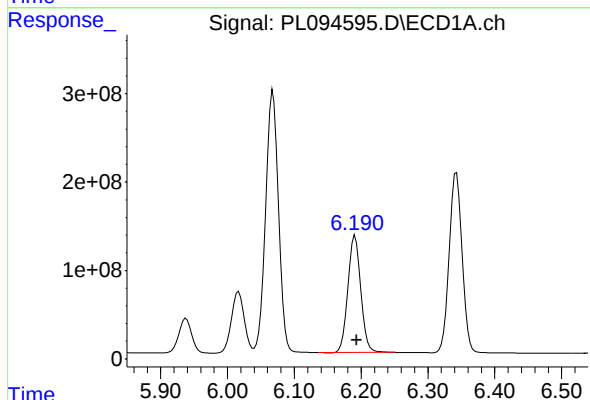
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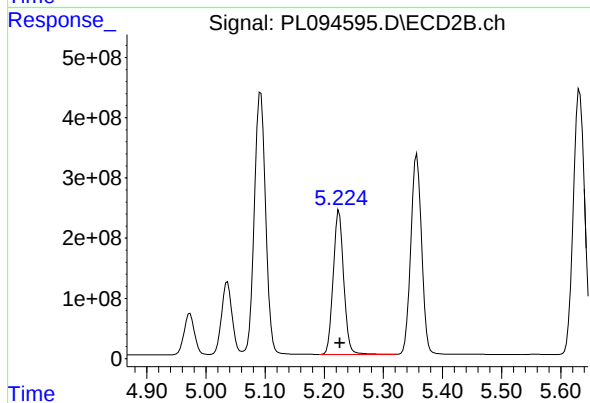
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 1497406772
Conc: 313.74 ng/ml



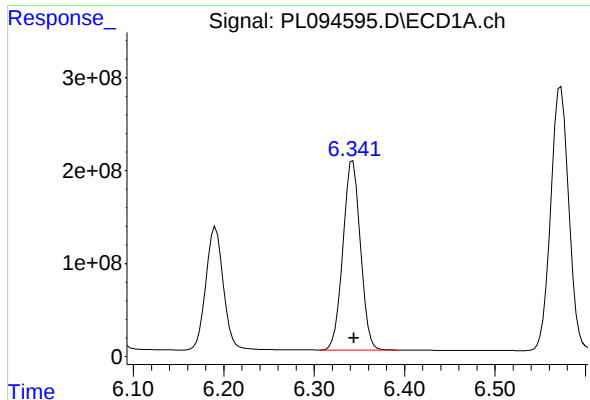
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 1765322968
Conc: 600.03 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 2979145439
Conc: 640.88 ng/ml



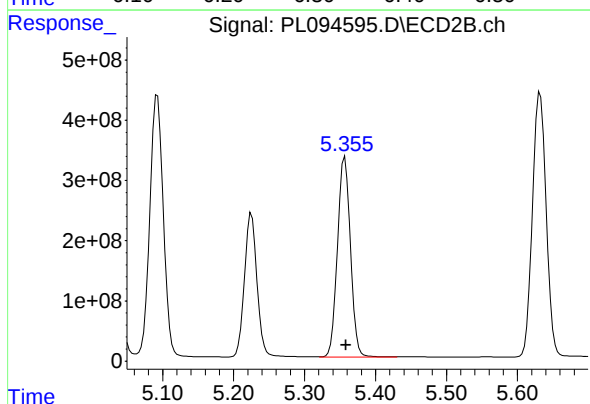
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 2741540942
Conc: 857.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

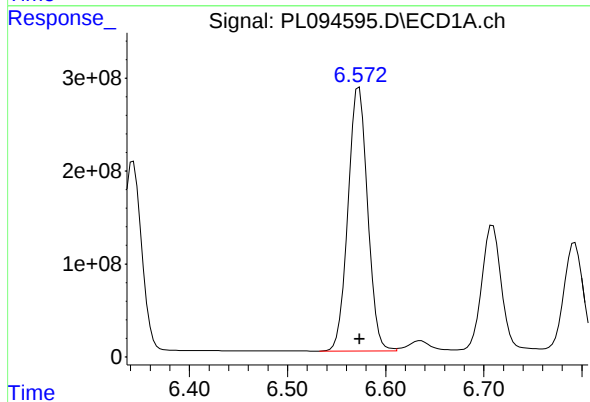
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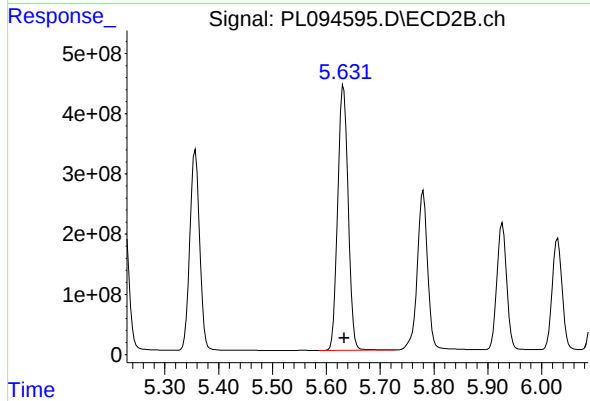
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 4236893414
Conc: 873.26 ng/ml



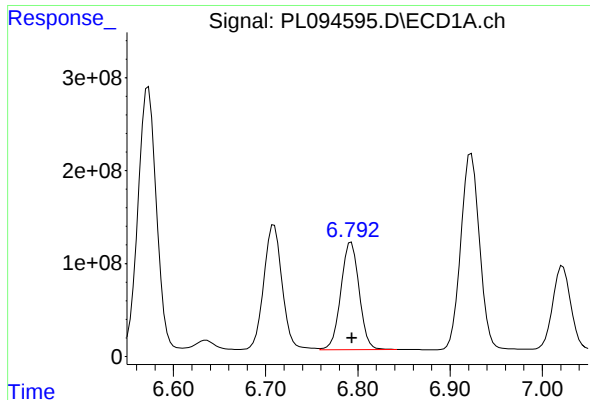
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 3938441241
Conc: 1420.76 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 5934337267
Conc: 1359.95 ng/ml



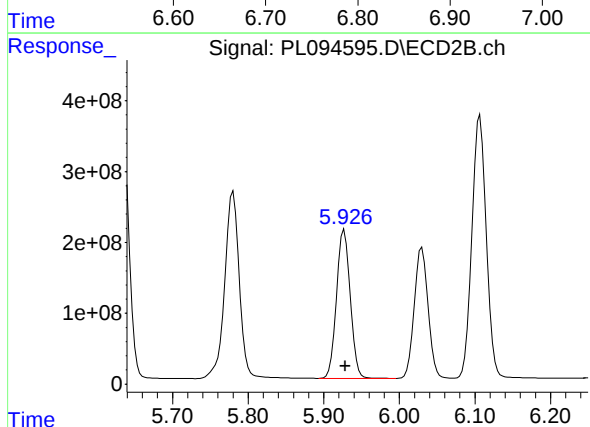
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 1587452287
Conc: 584.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

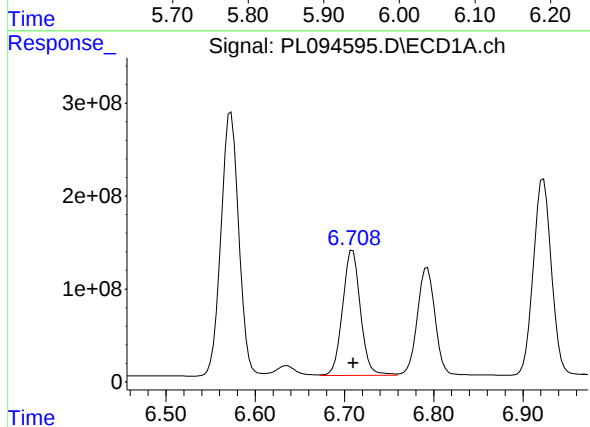
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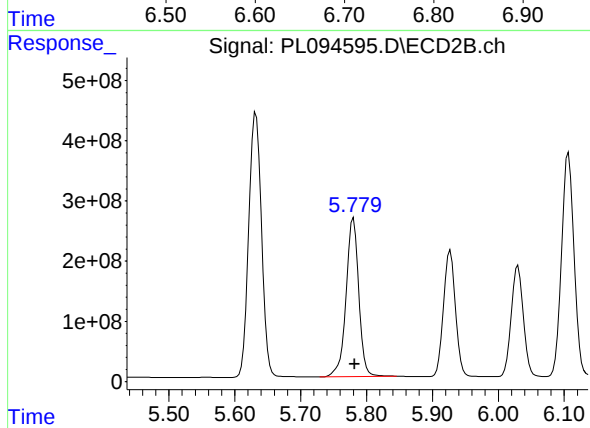
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 2649443657
Conc: 612.13 ng/ml



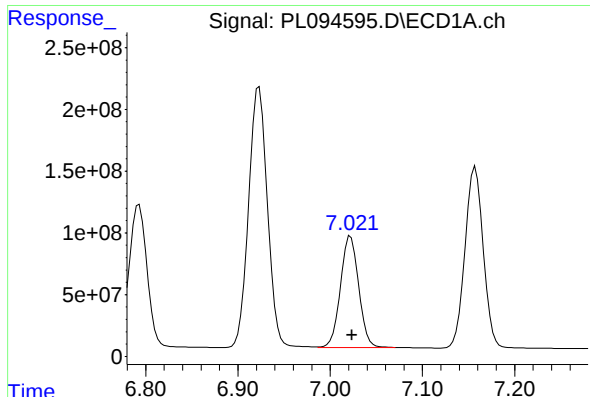
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 1875514148
Conc: 865.86 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 3511894796
Conc: 976.64 ng/ml m



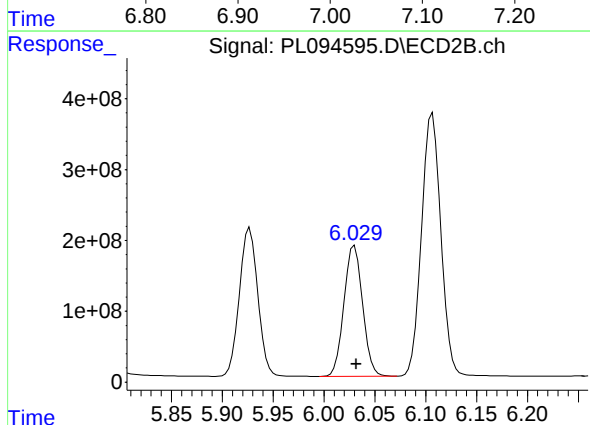
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 1235488840
Conc: 519.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

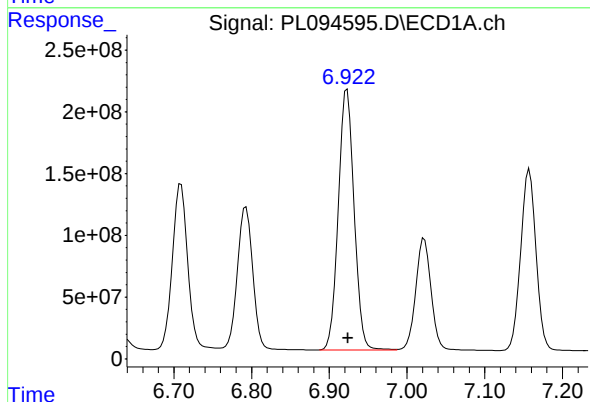
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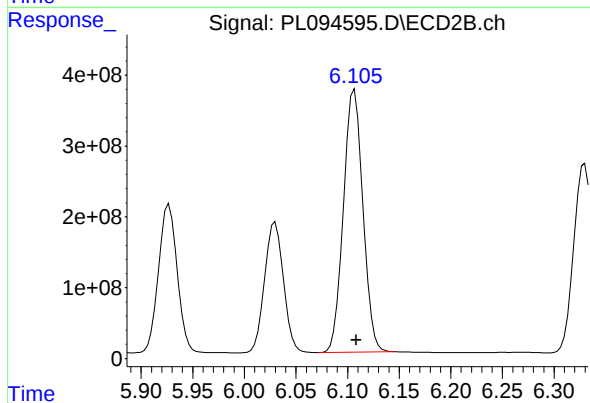
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 2350323608
Conc: 582.90 ng/ml



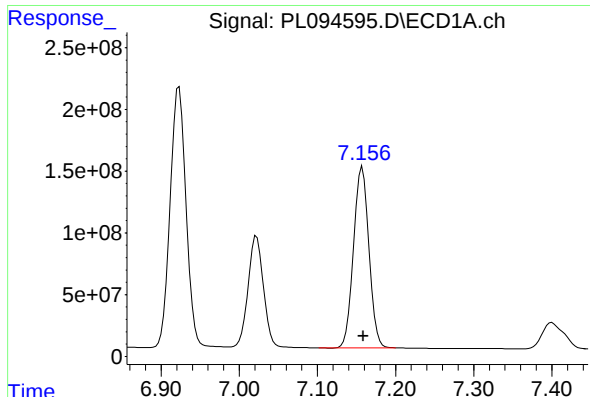
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 2993998751
Conc: 1418.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 4875708852
Conc: 1448.79 ng/ml



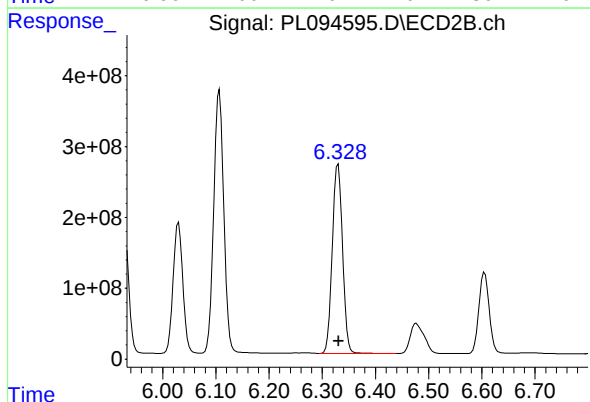
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 2006460372
Conc: 825.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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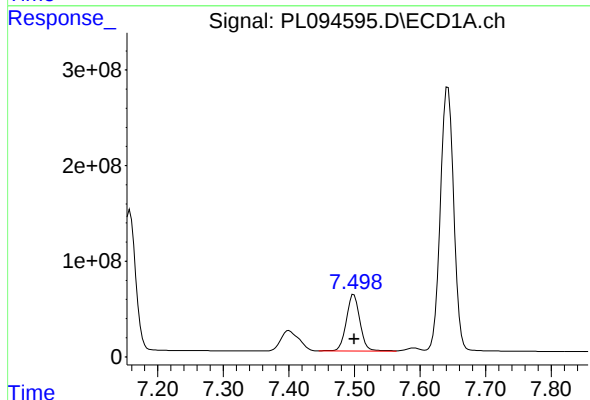
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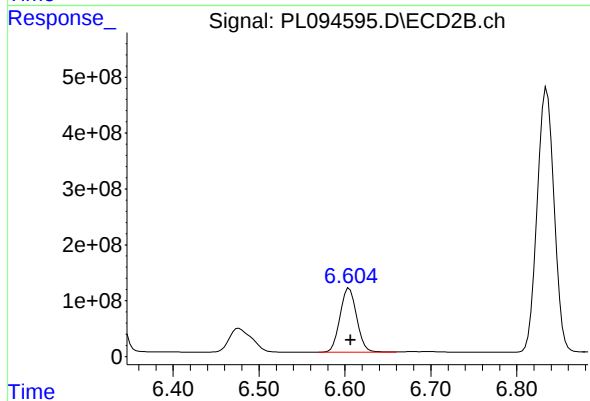
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 3563953642
Conc: 874.93 ng/ml



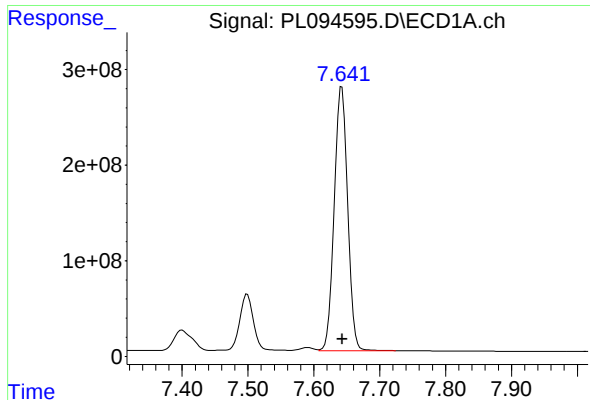
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 860114563
Conc: 718.52 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 1552727971
Conc: 732.05 ng/ml



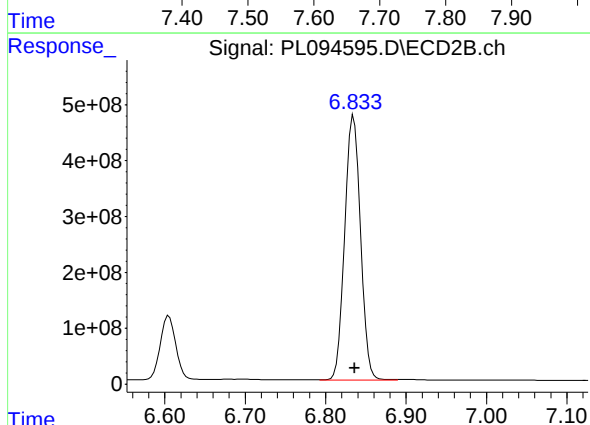
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 3924441650
Conc: 1484.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

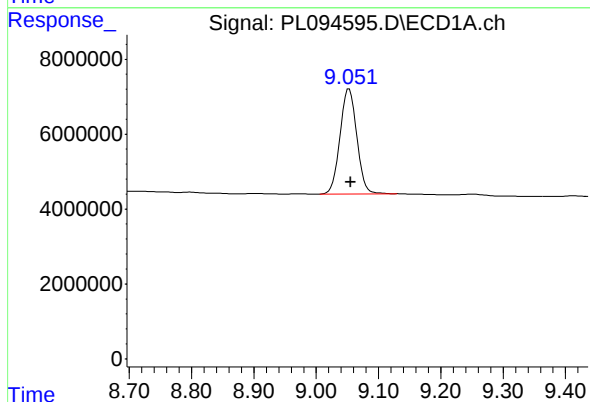
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



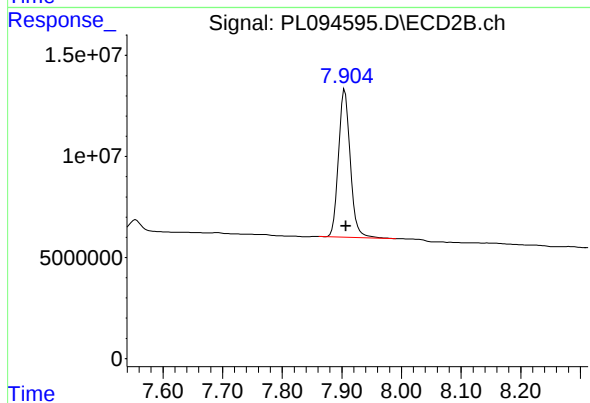
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 6483788082
Conc: 1358.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.003 min
Response: 52492033
Conc: 24.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 100284645
Conc: 24.83 ng/ml