

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032323\
 Data File : PL081683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 17:44
 Operator : AR\AJ
 Sample : 01950-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WP

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2023
 Supervised By :Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 03:07:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.328	2.659	58262617	39634948	25.050	19.856
28) SA Decachlor...	8.751	7.776	35061865	39575333	19.592	19.955
Target Compounds						
2) A alpha-BHC	3.779	3.158	2012.7E6	1707.6E6	587.081	585.816
3) MA gamma-BHC...	4.106	3.486	5223.6E6	4460.5E6	1644.294m	1602.081
4) MA Heptachlor	4.687	3.819	1096.1E6	1059.0E6	347.716	369.367
5) MB Aldrin	5.024	4.097	1414.8E6	1357.3E6	494.650	509.403
6) B beta-BHC	4.308	3.785	2183.2E6	1856.9E6	1450.542m	1559.110
7) B delta-BHC	4.551	4.012	2580.3E6	2253.8E6	849.010	871.493
8) B Heptachlo...	5.449	4.599	2048.9E6	1943.6E6	753.251	800.259
9) A Endosulfan I	5.830	4.966	2385.4E6	2320.4E6	965.426	1051.056
10) B gamma-Chl...	5.704	4.847	316.5E6	308.0E6	120.569	126.735
11) B alpha-Chl...	5.782	4.909	695.6E6	820.0E6	268.730	337.577 #
12) B 4,4'-DDE	5.960	5.101	1799.7E6	1699.8E6	798.586	862.908
13) MA Dieldrin	6.105	5.231	2172.6E6	2131.7E6	897.406	947.645
14) MA Endrin	6.330	5.505	2851.9E6	2759.6E6	1348.282m	1363.611
15) B Endosulfa...	6.554	5.801	2021.2E6	1947.3E6	952.454	1073.467
16) A 4,4'-DDD	6.476	5.655	596.8E6	579.5E6	330.915	381.892
17) MA 4,4'-DDT	6.787	5.904	578.0E6	562.2E6	284.795	326.245
18) B Endrin al...	6.684	5.981	2524.1E6	2414.9E6	1542.743	1555.010
19) B Endosulfa...	6.918	6.203	2002.5E6	1944.8E6	960.883	999.541
20) A Methoxychlor	7.267	6.484	708.1E6	715.6E6	657.538	718.458
21) B Endrin ke...	7.397	6.709	3539.9E6	3593.5E6	1689.971	1681.562

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032232\
Data File : PL081683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2023 17:44
Operator : AR\AJ
Sample : 01950-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

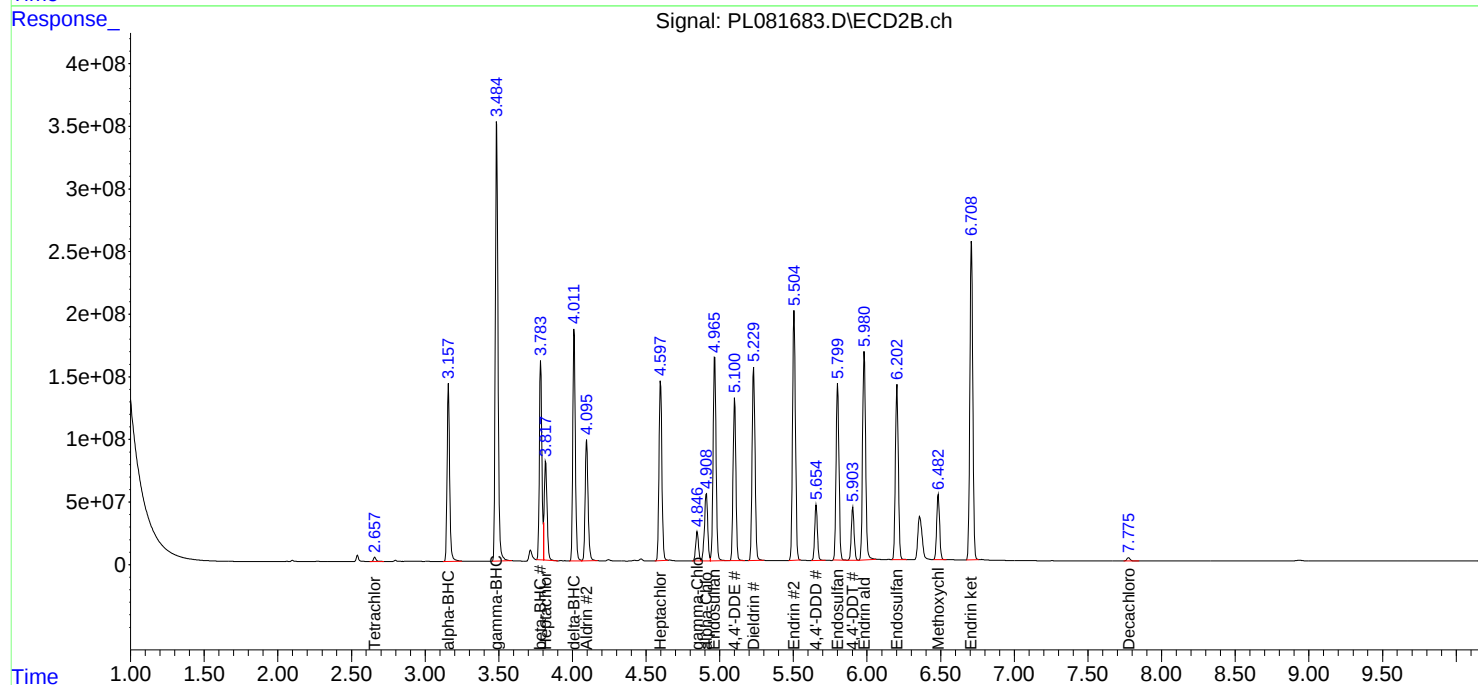
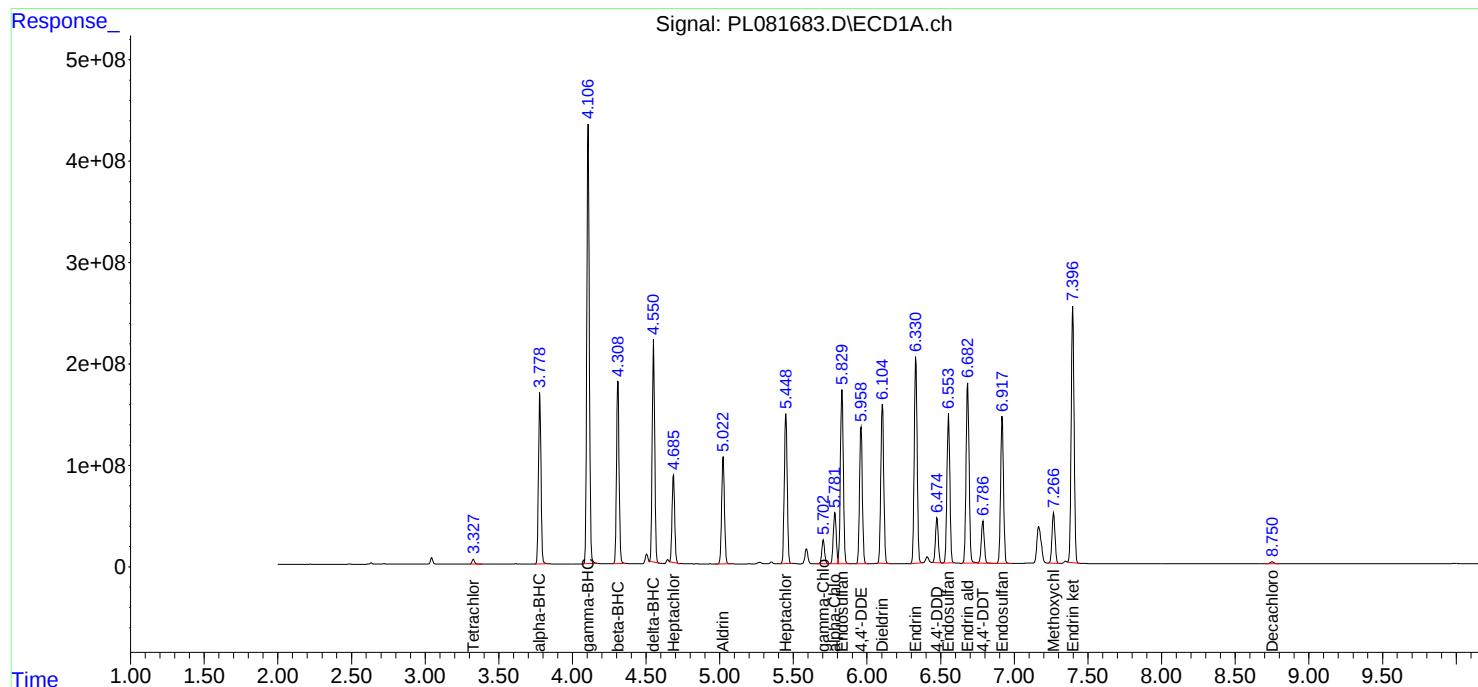
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

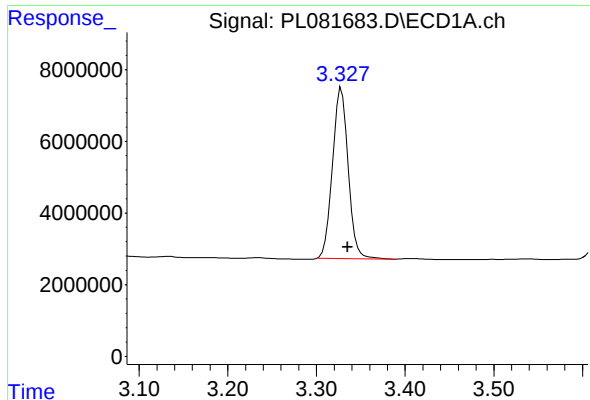
Manual Integrations
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Reviewed By : Abdul Mirza 03/24/2023
Supervised By : Ankita Jodhani 03/24/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 03:07:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





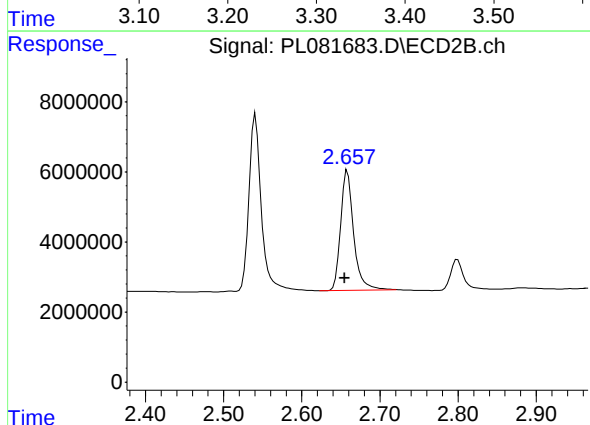
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 58262617
Conc: 25.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

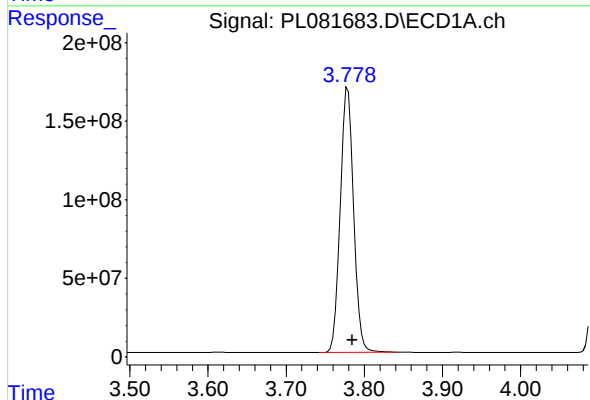
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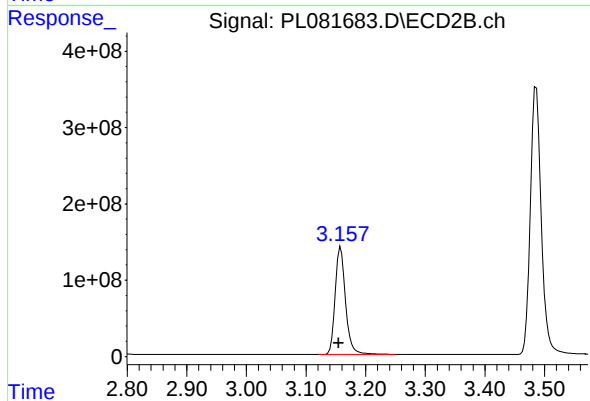
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: 0.004 min
Response: 39634948
Conc: 19.86 ng/ml



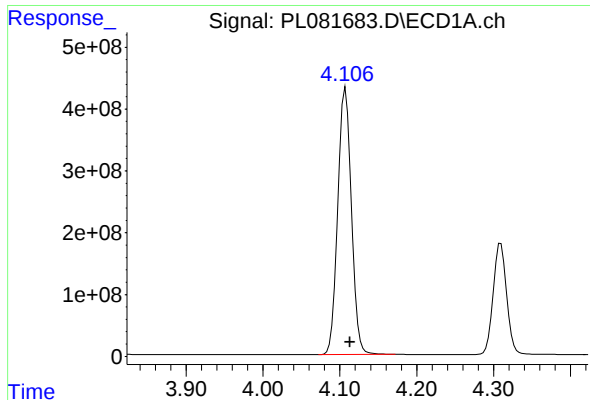
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 2012739189
Conc: 587.08 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.003 min
Response: 1707649754
Conc: 585.82 ng/ml



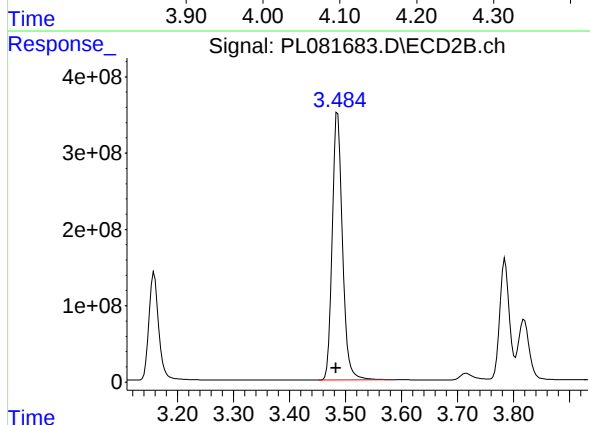
#3 gamma-BHC (Lindane)

R.T.: 4.106 min
Delta R.T.: -0.007 min
Response: 5223647469
Conc: 1644.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

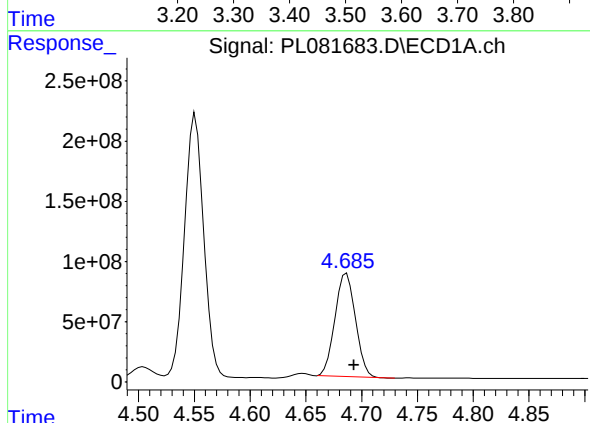
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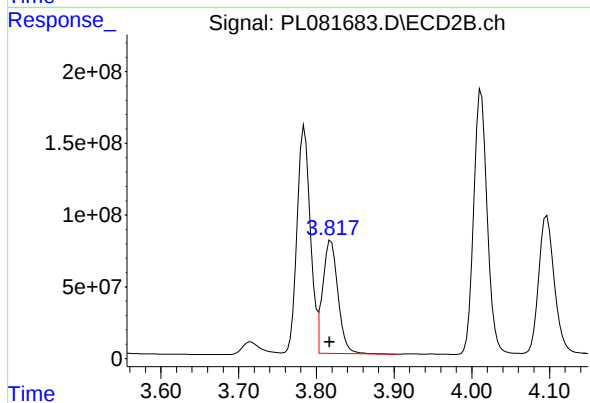
#3 gamma-BHC (Lindane)

R.T.: 3.486 min
Delta R.T.: 0.003 min
Response: 4460544699
Conc: 1602.08 ng/ml



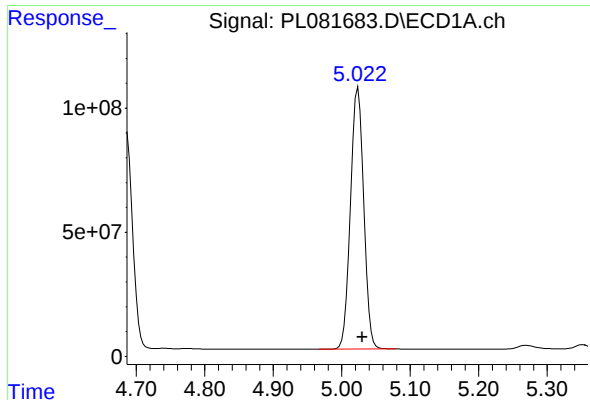
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: -0.007 min
Response: 1096058436
Conc: 347.72 ng/ml



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: 0.002 min
Response: 1058962418
Conc: 369.37 ng/ml



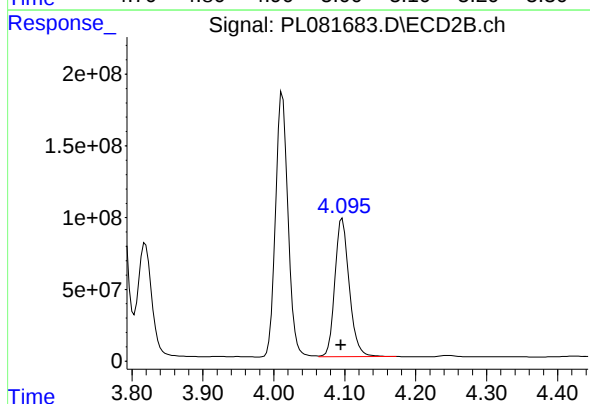
#5 Aldrin

R.T.: 5.024 min
Delta R.T.: -0.006 min
Response: 1414839313
Conc: 494.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

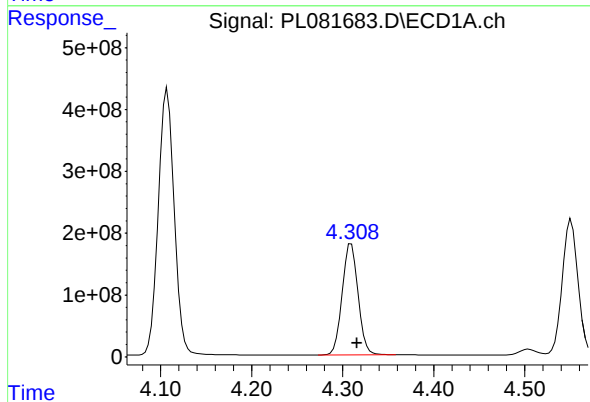
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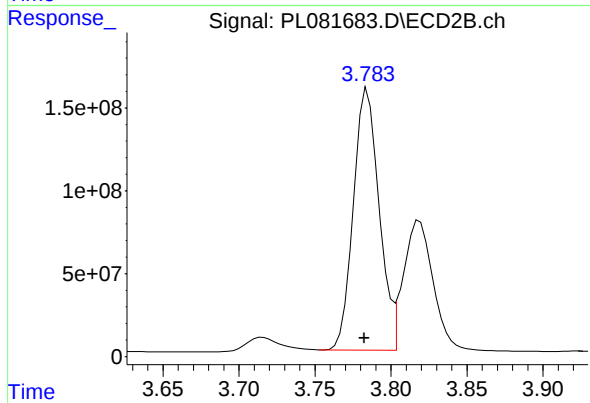
#5 Aldrin

R.T.: 4.097 min
Delta R.T.: 0.002 min
Response: 1357289089
Conc: 509.40 ng/ml



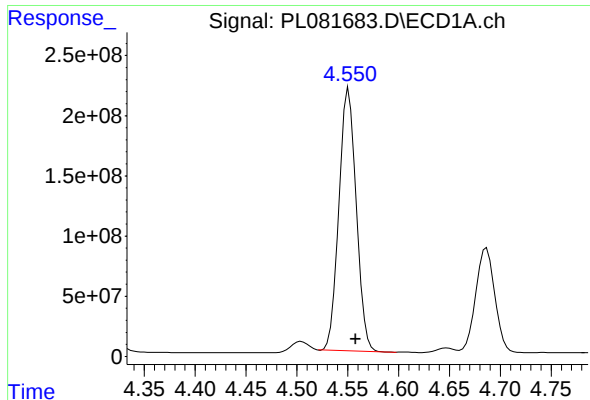
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.008 min
Response: 2183188493
Conc: 1450.54 ng/ml m



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: 0.002 min
Response: 1856876791
Conc: 1559.11 ng/ml



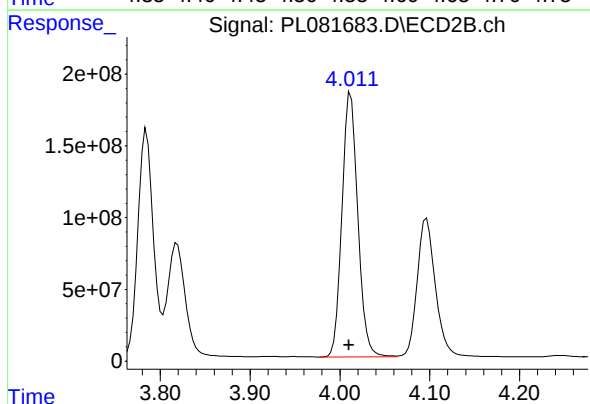
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 2580322402
Conc: 849.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

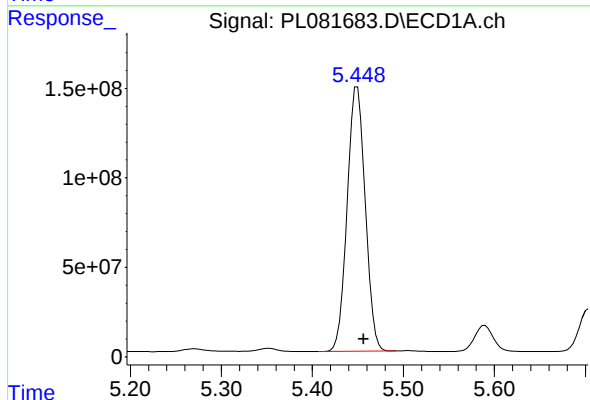
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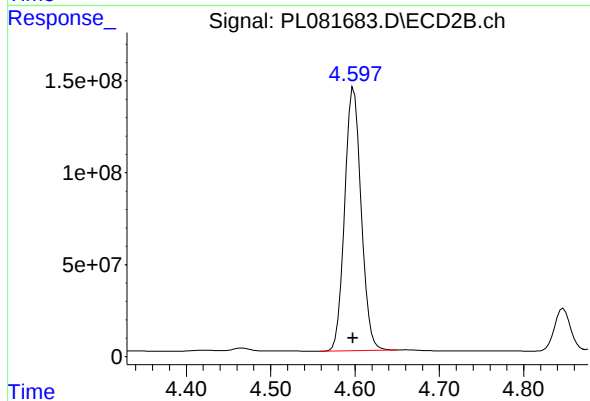
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.002 min
Response: 2253766823
Conc: 871.49 ng/ml



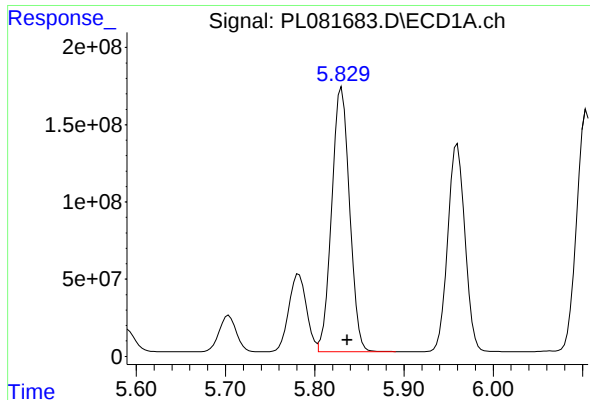
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.007 min
Response: 2048868399
Conc: 753.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.599 min
Delta R.T.: 0.001 min
Response: 1943630013
Conc: 800.26 ng/ml



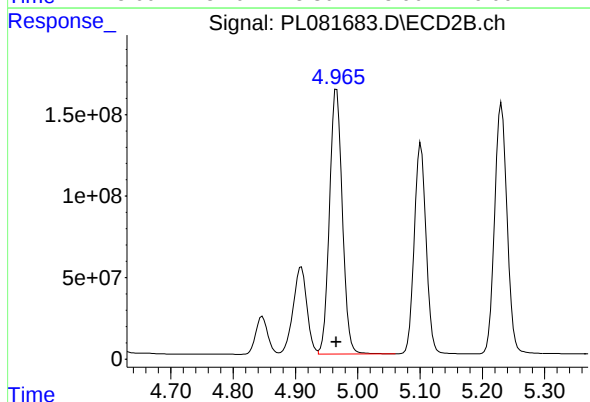
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.006 min
Response: 2385397925
Conc: 965.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

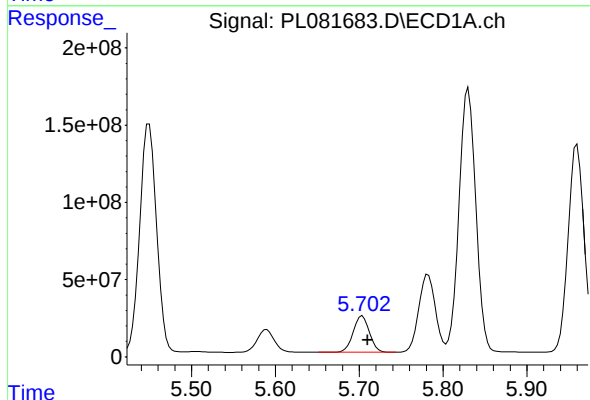
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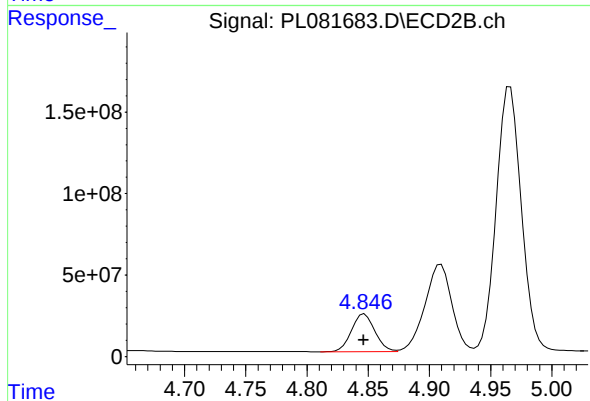
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 2320445685
Conc: 1051.06 ng/ml



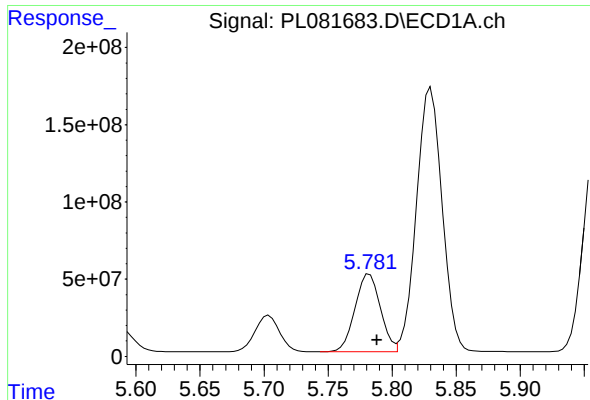
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 316521978
Conc: 120.57 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 308015232
Conc: 126.74 ng/ml



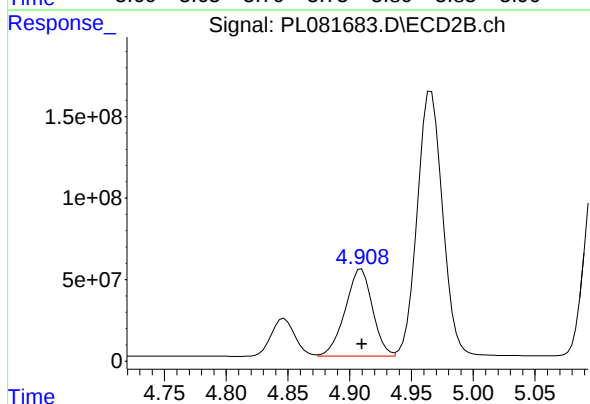
#11 alpha-Chlordane

R.T.: 5.782 min
Delta R.T.: -0.006 min
Response: 695581692
Conc: 268.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

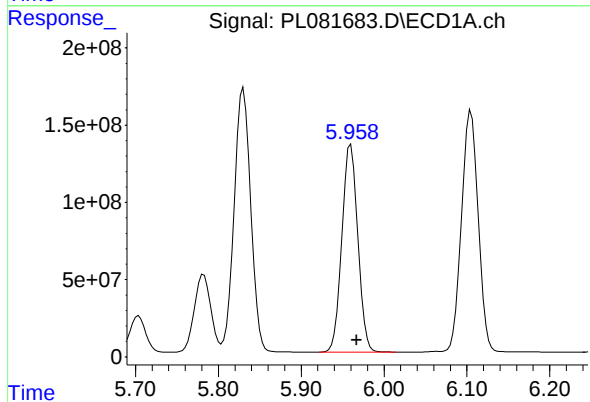
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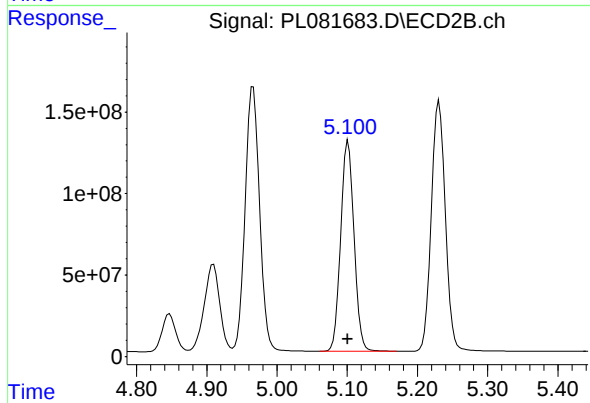
#11 alpha-Chlordane

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 819954577
Conc: 337.58 ng/ml



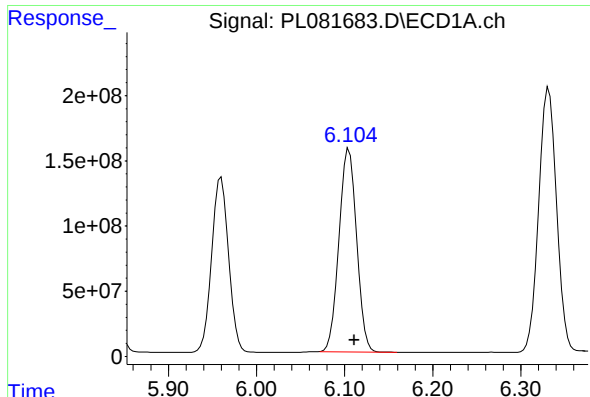
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 1799728228
Conc: 798.59 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 1699755202
Conc: 862.91 ng/ml



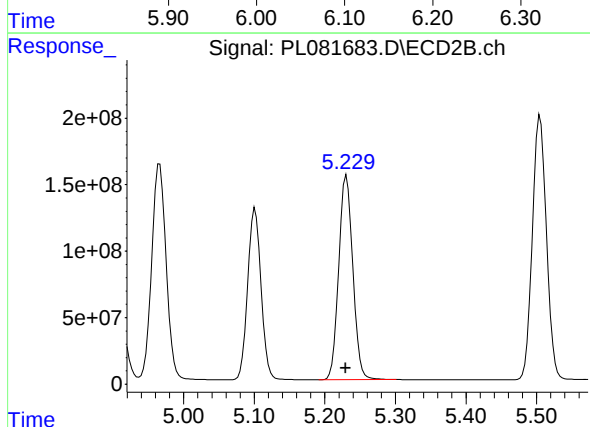
#13 Dieldrin

R.T.: 6.105 min
Delta R.T.: -0.006 min
Response: 2172571195
Conc: 897.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

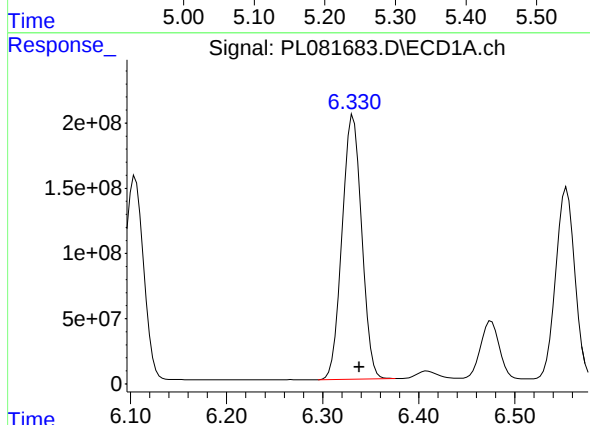
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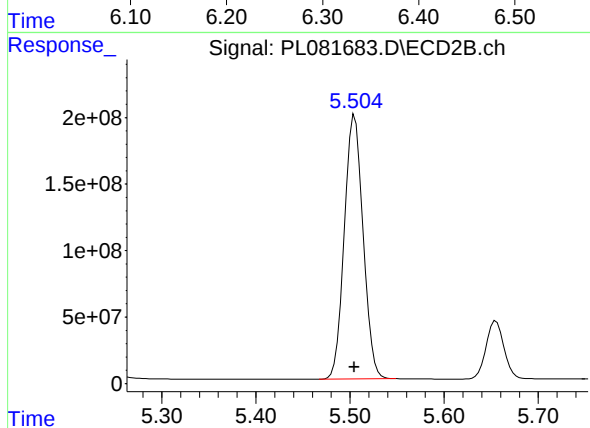
#13 Dieldrin

R.T.: 5.231 min
Delta R.T.: 0.001 min
Response: 2131657624
Conc: 947.64 ng/ml



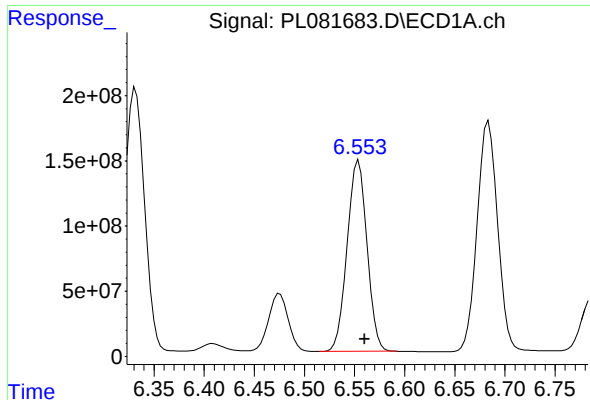
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 2851926206
Conc: 1348.28 ng/ml m



#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 2759559324
Conc: 1363.61 ng/ml



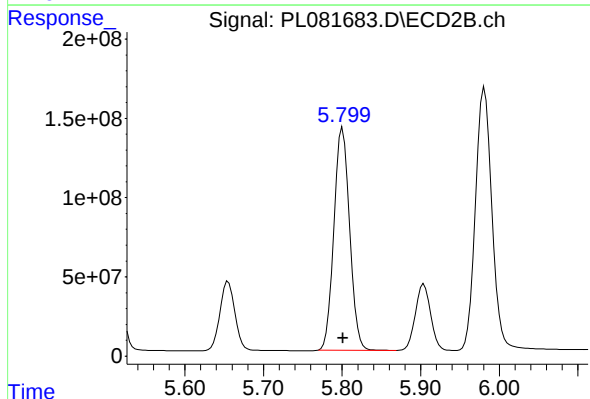
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: -0.006 min
Response: 2021203355
Conc: 952.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

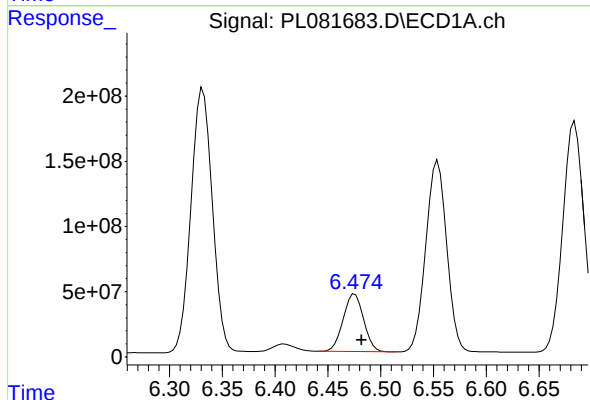
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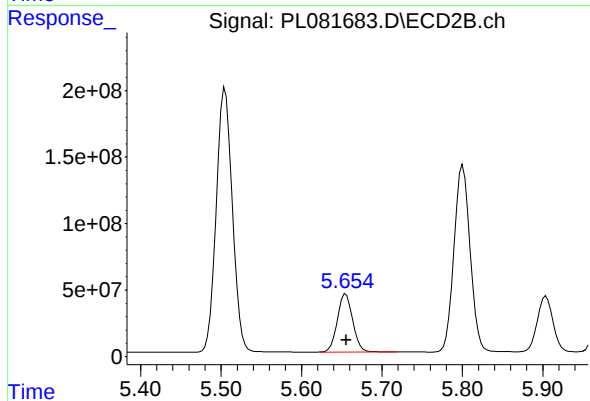
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 1947312848
Conc: 1073.47 ng/ml



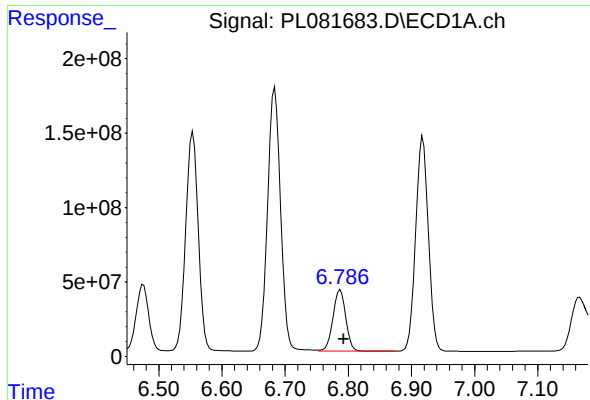
#16 4,4'-DDD

R.T.: 6.476 min
Delta R.T.: -0.006 min
Response: 596799827
Conc: 330.91 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 579534963
Conc: 381.89 ng/ml



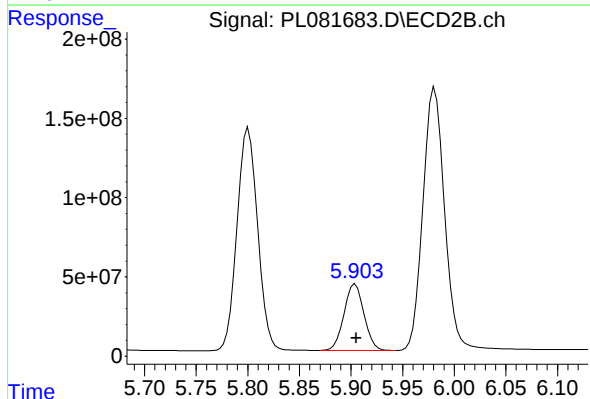
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 578030195
Conc: 284.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

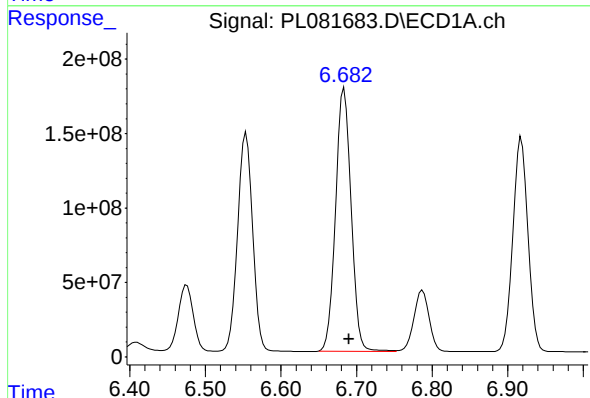
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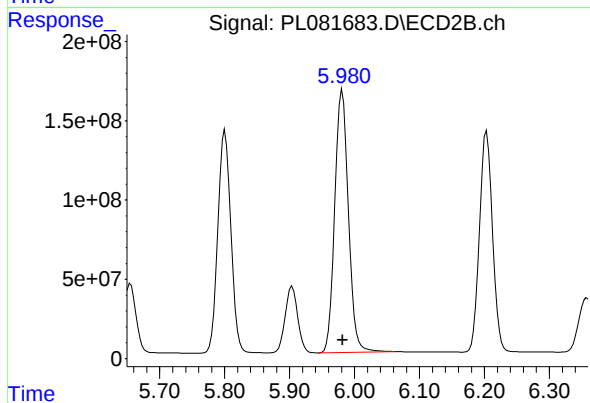
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 562208391
Conc: 326.25 ng/ml



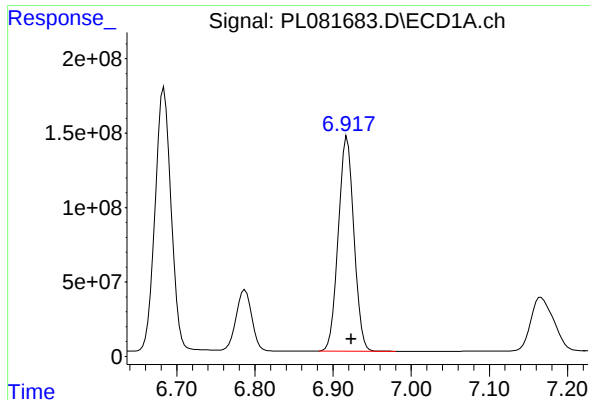
#18 Endrin aldehyde

R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 2524099583
Conc: 1542.74 ng/ml



#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 2414908518
Conc: 1555.01 ng/ml



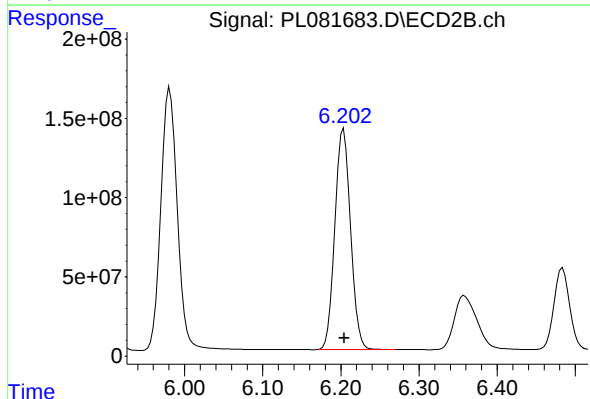
#19 Endosulfan Sulfate

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 2002518101
Conc: 960.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

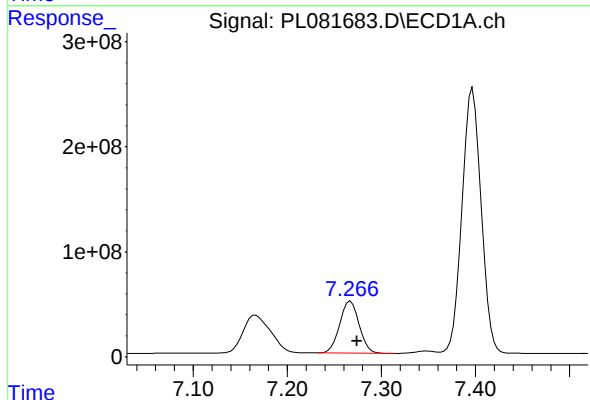
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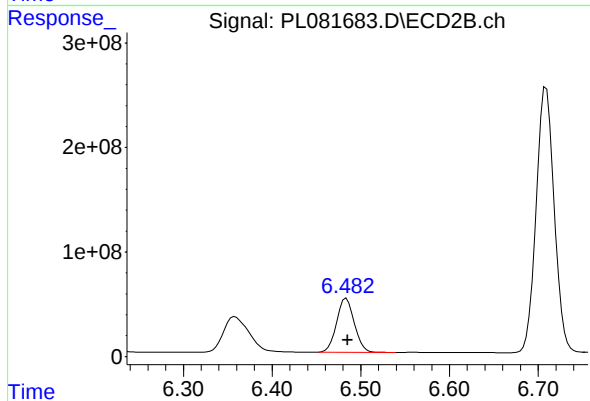
#19 Endosulfan Sulfate

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 1944801412
Conc: 999.54 ng/ml



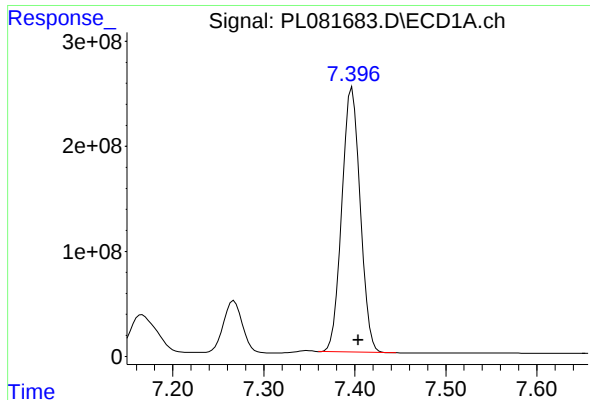
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.006 min
Response: 708097585
Conc: 657.54 ng/ml



#20 Methoxychlor

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 715611117
Conc: 718.46 ng/ml



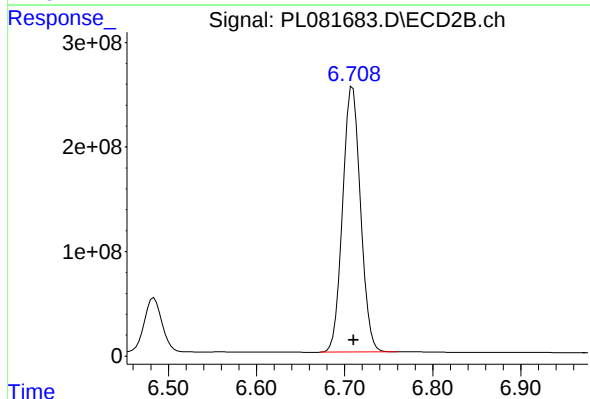
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 3539931147
Conc: 1689.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WP

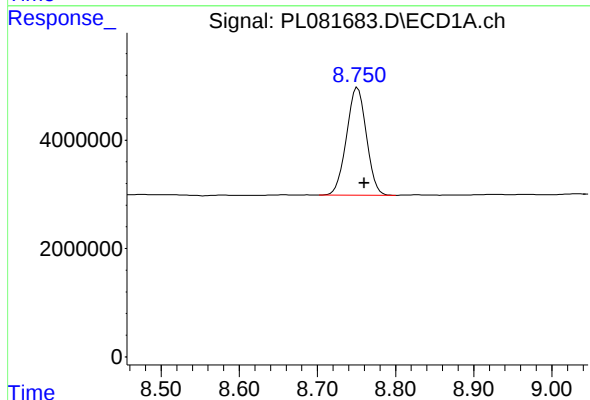
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2023
Supervised By :Ankita Jodhani 03/24/2023



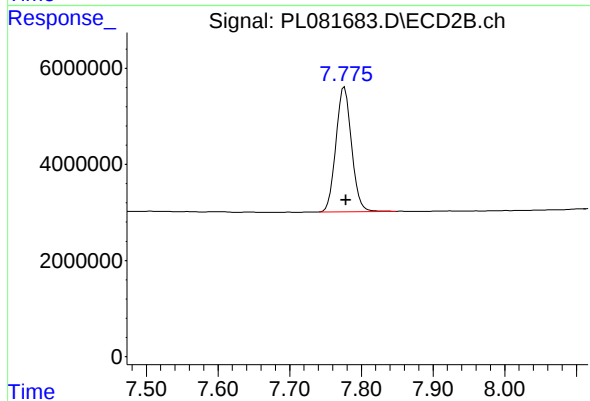
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 3593477748
Conc: 1681.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.008 min
Response: 35061865
Conc: 19.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 39575333
Conc: 19.95 ng/ml