

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032323\
 Data File : PL081684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2023 17:58
 Operator : AR\AJ
 Sample : 01950-09DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL

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 03:08:10 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	2.658	12051731	8328574	5.182	4.172
2) SA Decachlor...	8.750	7.776	7549820	8555683	4.219	4.314
Target Compounds						
2) A alpha-BHC	3.778	3.158	375.5E6	319.7E6	109.538	109.660
3) MA gamma-BHC...	4.105	3.486	1055.1E6	921.2E6	332.108m	330.865
4) MA Heptachlor	4.686	3.819	210.7E6	203.5E6	66.849	70.974
5) MB Aldrin	5.023	4.096	272.9E6	256.7E6	95.397	96.360
6) B beta-BHC	4.309	3.784	440.3E6	381.1E6	292.556	319.969
7) B delta-BHC	4.551	4.012	490.9E6	432.7E6	161.515	167.309
8) B Heptachlo...	5.449	4.598	424.0E6	401.0E6	155.863	165.119
9) A Endosulfan I	5.830	4.966	490.3E6	485.5E6	198.416	219.897
10) B gamma-Chl...	5.703	4.847	62077374	59178167	23.646	24.349
11) B alpha-Chl...	5.781	4.910	135.2E6	133.2E6	52.239	54.831
12) B 4,4'-DDE	5.960	5.101	335.9E6	319.8E6	149.038	162.342
13) MA Dieldrin	6.104	5.230	421.8E6	423.7E6	174.219	188.341
14) MA Endrin	6.330	5.505	567.2E6	562.5E6	268.151m	277.940
15) B Endosulfa...	6.553	5.801	409.6E6	399.5E6	193.036	220.251
16) A 4,4'-DDD	6.475	5.655	112.6E6	104.0E6	62.421	68.510
17) MA 4,4'-DDT	6.786	5.904	106.5E6	100.1E6	52.463	58.065
18) B Endrin al...	6.681	5.981	530.3E6	513.2E6	324.149m	330.452
19) B Endosulfa...	6.917	6.204	405.2E6	398.2E6	194.446	204.664
20) A Methoxychlor	7.266	6.483	143.3E6	146.5E6	133.060	147.040
21) B Endrin ke...	7.397	6.709	730.0E6	774.5E6	348.520	362.425

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032232\
Data File : PL081684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2023 17:58
Operator : AR\AJ
Sample : 01950-09DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

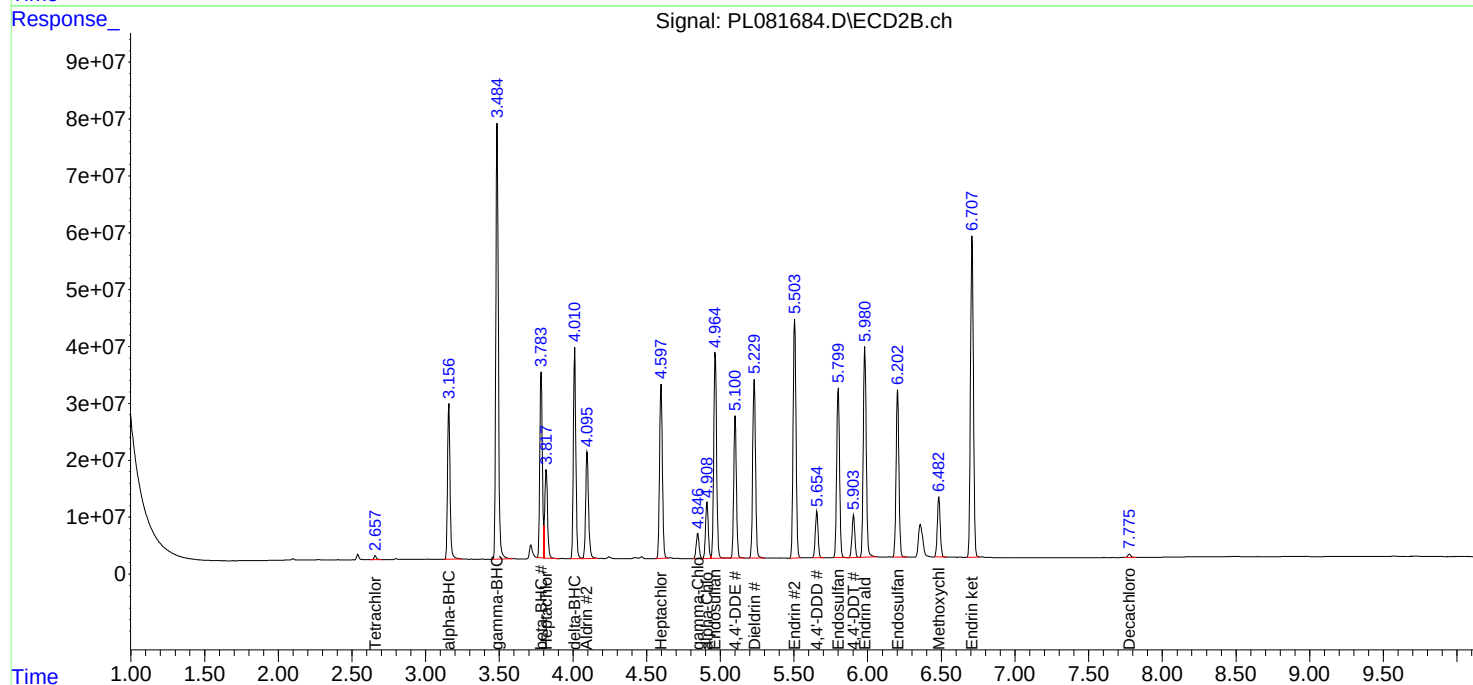
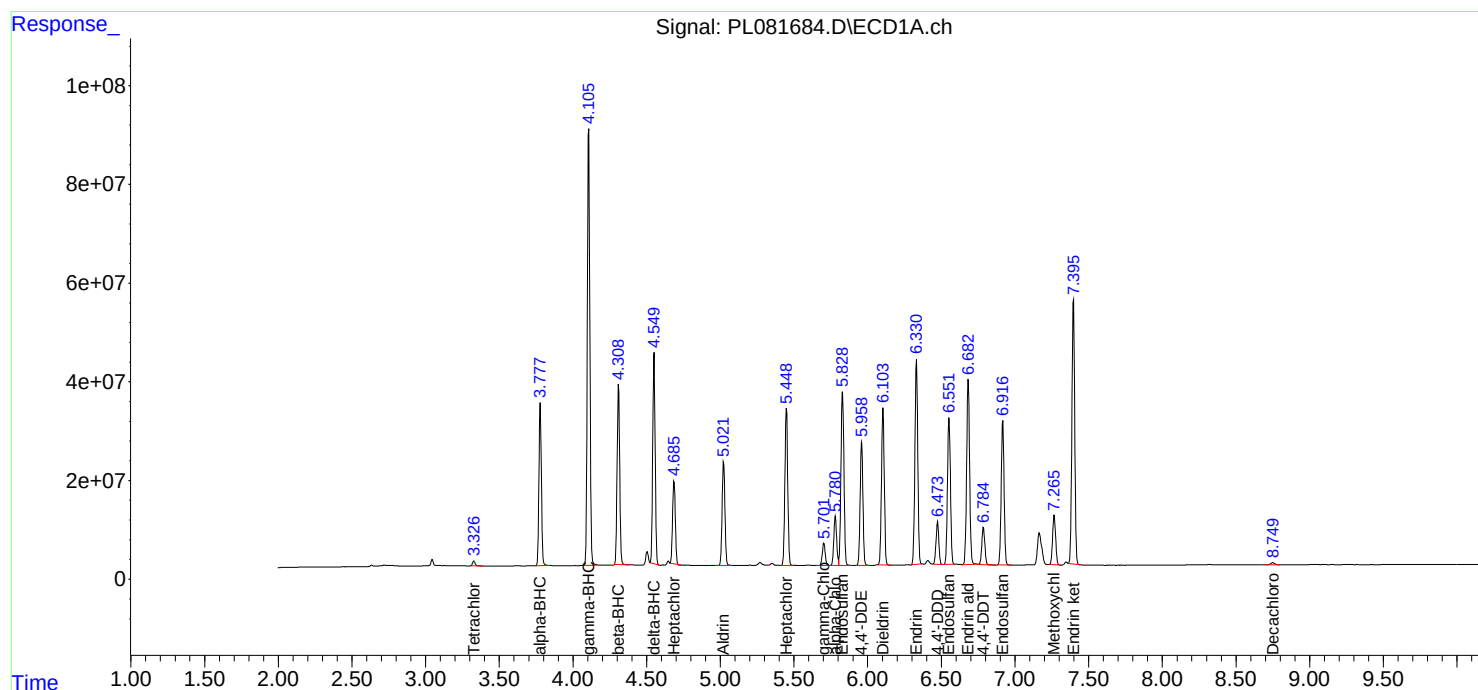
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

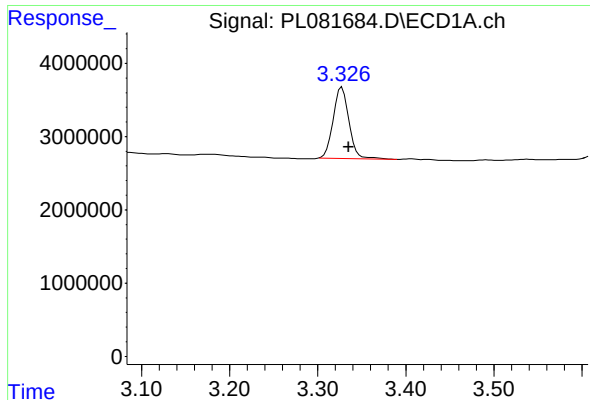
Manual Integrations
APPROVED

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 03:08:10 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





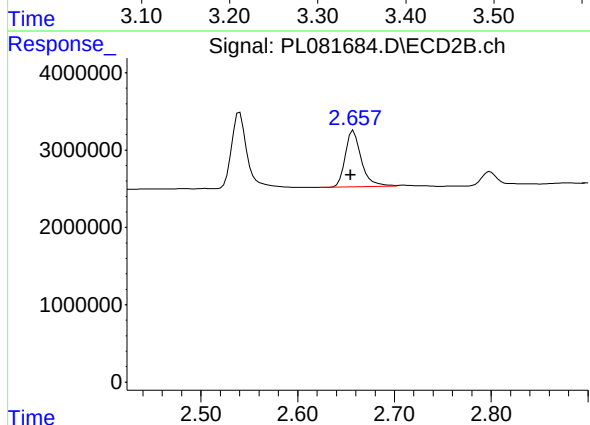
#1 Tetrachloro-m-xylene

R.T.: 3.328 min
Delta R.T.: -0.007 min
Response: 12051731
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

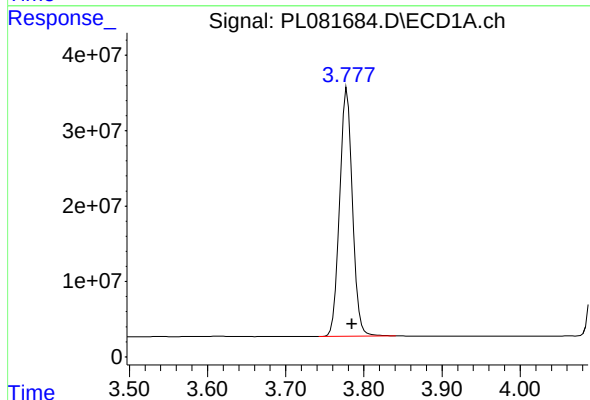
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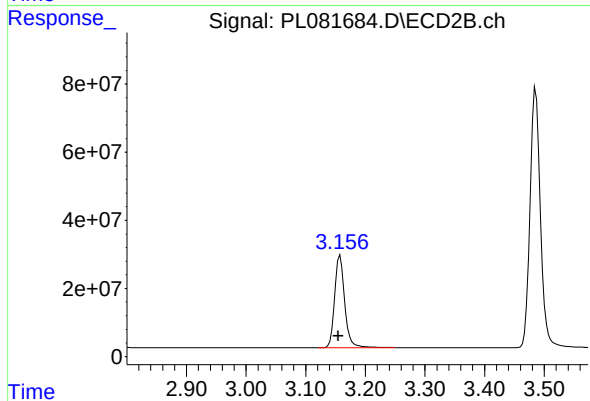
#1 Tetrachloro-m-xylene

R.T.: 2.658 min
Delta R.T.: 0.003 min
Response: 8328574
Conc: 4.17 ng/ml



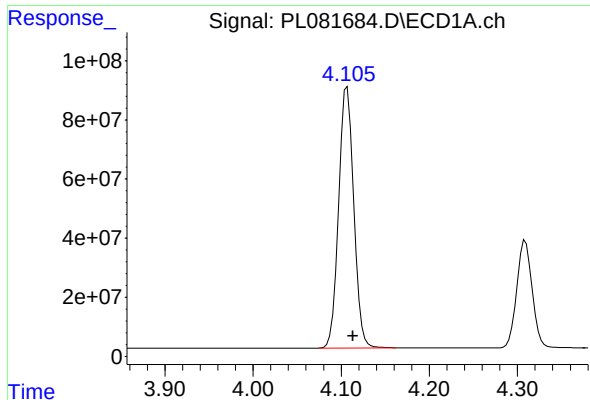
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: -0.006 min
Response: 375539094
Conc: 109.54 ng/ml



#2 alpha-BHC

R.T.: 3.158 min
Delta R.T.: 0.003 min
Response: 319658805
Conc: 109.66 ng/ml



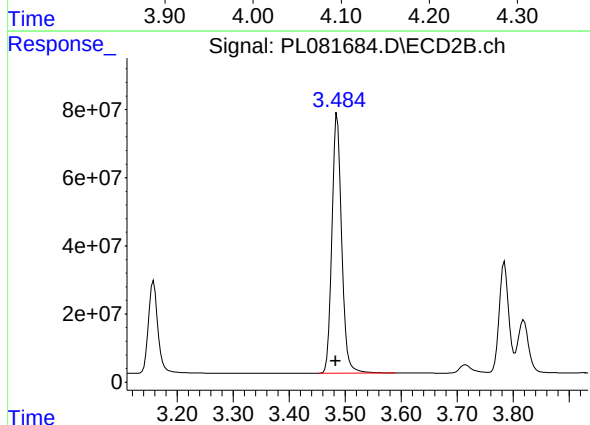
#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: -0.008 min
Response: 1055052402
Conc: 332.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

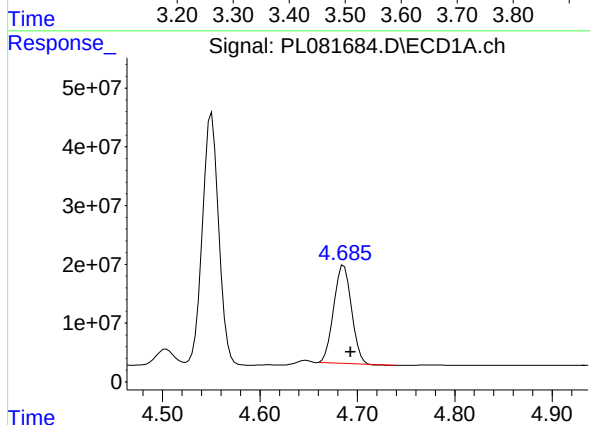
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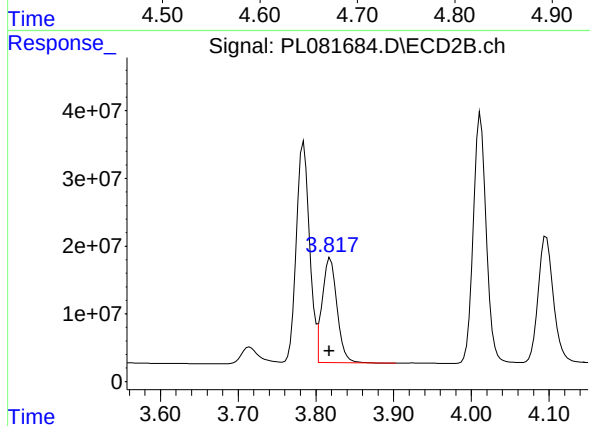
#3 gamma-BHC (Lindane)

R.T.: 3.486 min
Delta R.T.: 0.003 min
Response: 921202075
Conc: 330.87 ng/ml



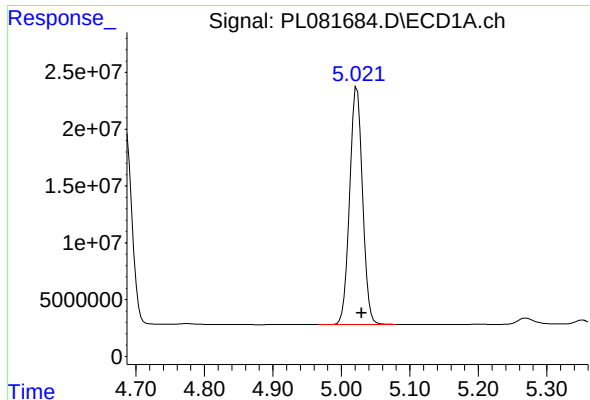
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.007 min
Response: 210718187
Conc: 66.85 ng/ml



#4 Heptachlor

R.T.: 3.819 min
Delta R.T.: 0.002 min
Response: 203480632
Conc: 70.97 ng/ml



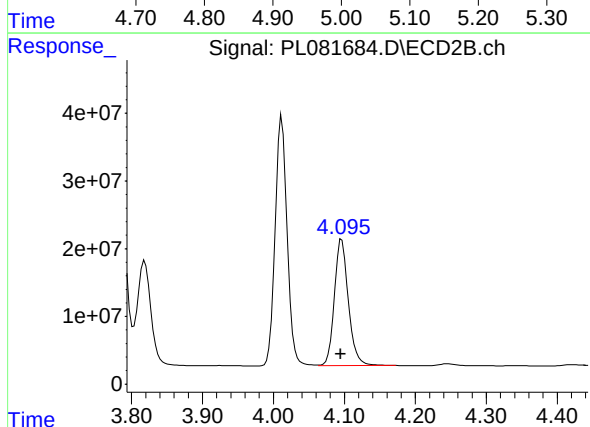
#5 Aldrin

R.T.: 5.023 min
Delta R.T.: -0.007 min
Response: 272863011
Conc: 95.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

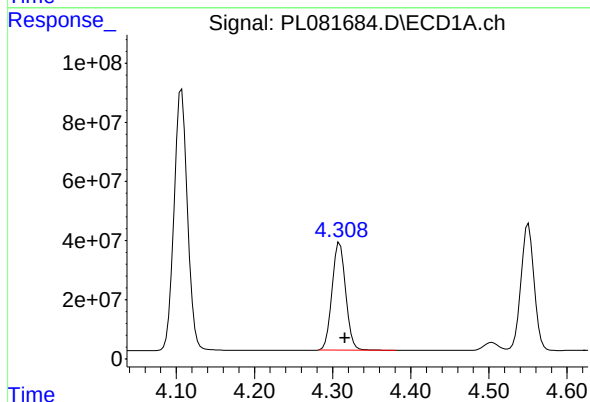
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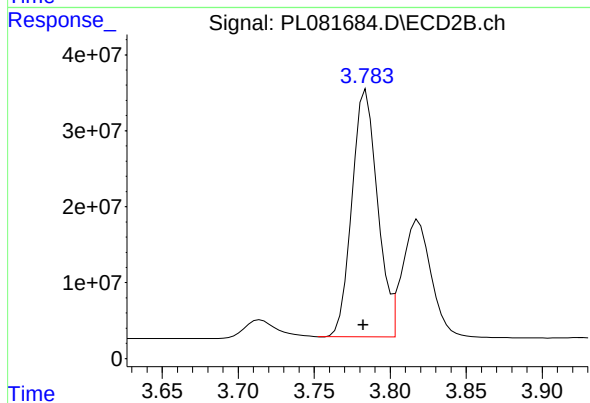
#5 Aldrin

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 256748634
Conc: 96.36 ng/ml



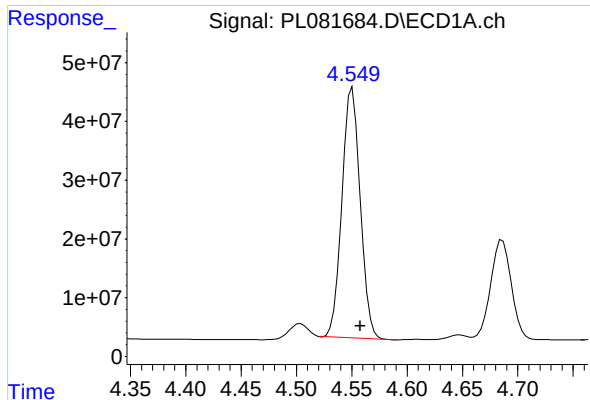
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: -0.007 min
Response: 440320993
Conc: 292.56 ng/ml



#6 beta-BHC

R.T.: 3.784 min
Delta R.T.: 0.002 min
Response: 381078404
Conc: 319.97 ng/ml



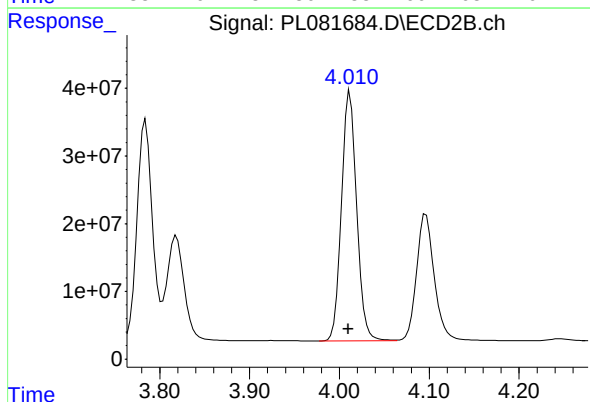
#7 delta-BHC

R.T.: 4.551 min
Delta R.T.: -0.007 min
Response: 490879820
Conc: 161.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

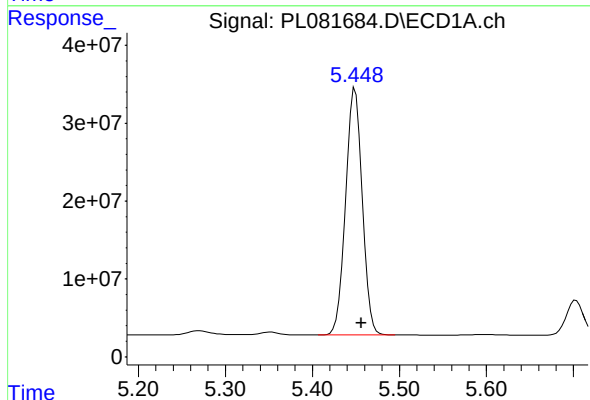
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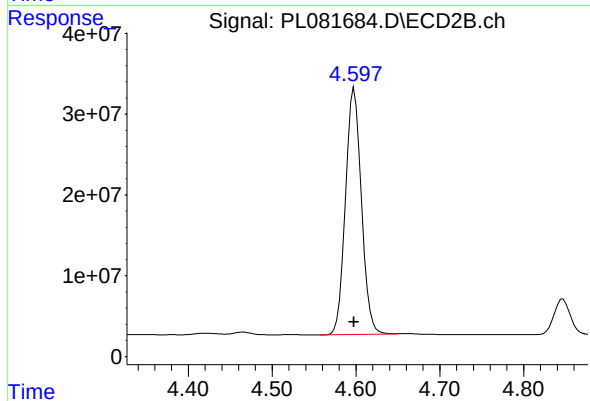
#7 delta-BHC

R.T.: 4.012 min
Delta R.T.: 0.002 min
Response: 432677821
Conc: 167.31 ng/ml



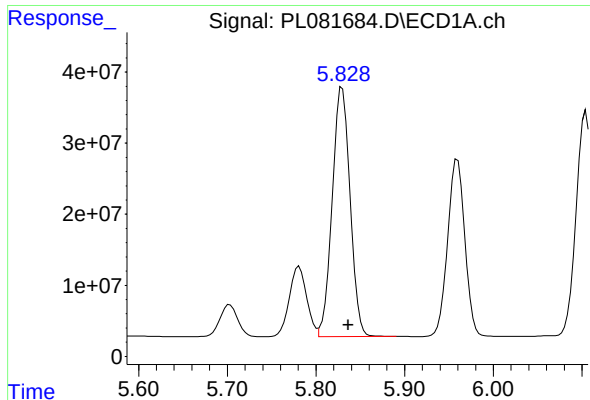
#8 Heptachlor epoxide

R.T.: 5.449 min
Delta R.T.: -0.007 min
Response: 423951329
Conc: 155.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.598 min
Delta R.T.: 0.000 min
Response: 401033507
Conc: 165.12 ng/ml



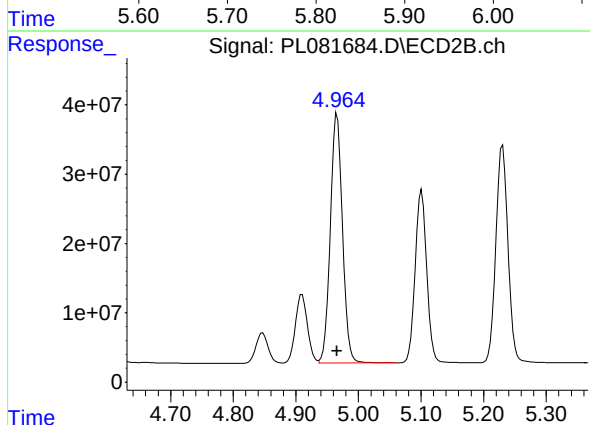
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.007 min
Response: 490251313
Conc: 198.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

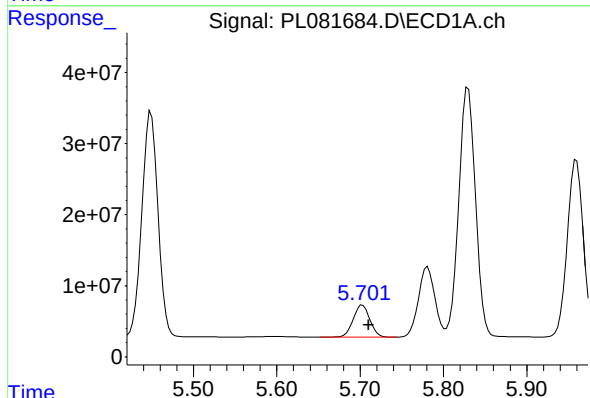
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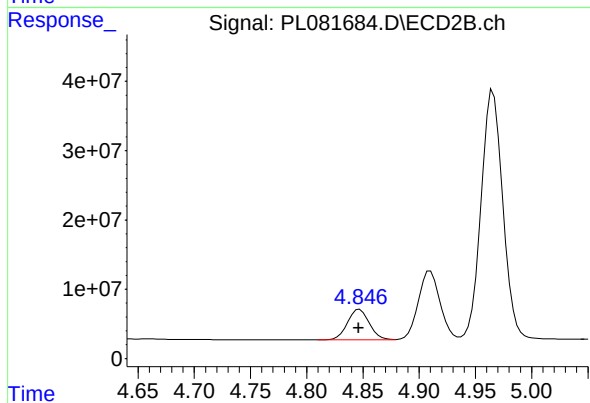
#9 Endosulfan I

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 485471897
Conc: 219.90 ng/ml



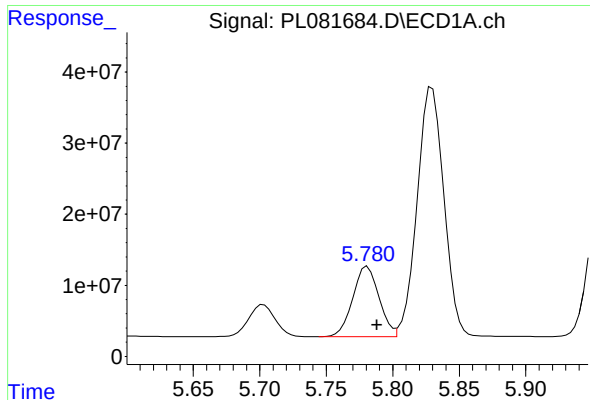
#10 gamma-Chlordane

R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 62077374
Conc: 23.65 ng/ml



#10 gamma-Chlordane

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 59178167
Conc: 24.35 ng/ml



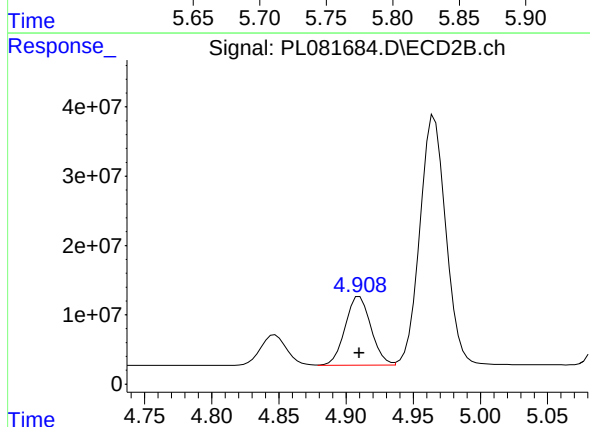
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 135215647
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

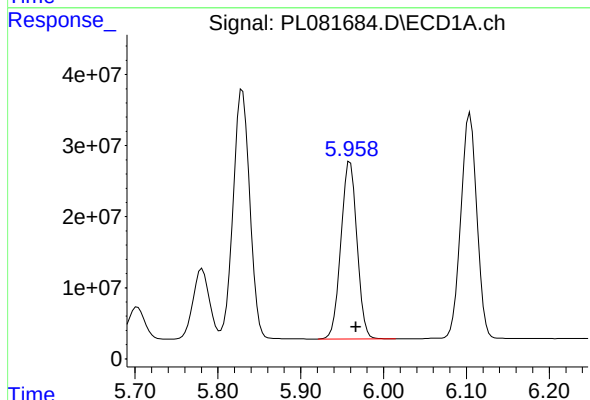
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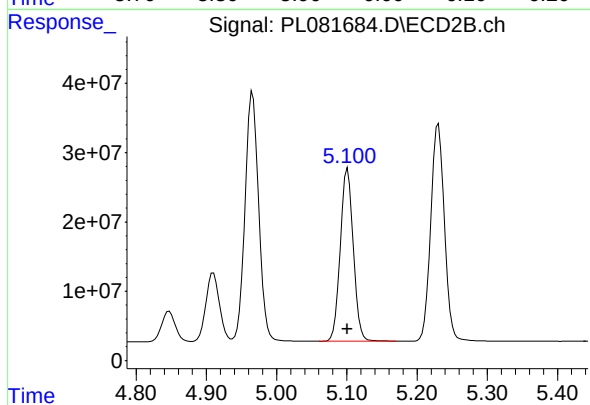
#11 alpha-Chlordane

R.T.: 4.910 min
Delta R.T.: 0.000 min
Response: 133182156
Conc: 54.83 ng/ml



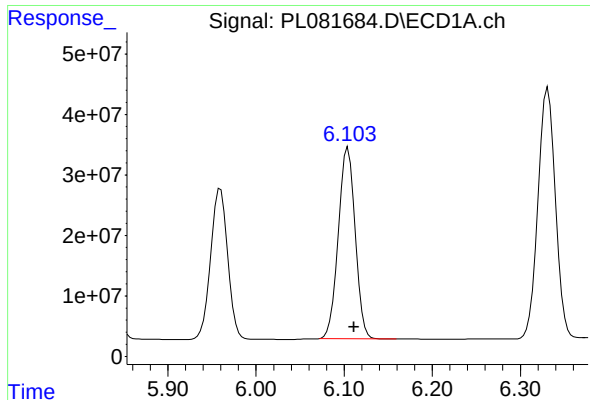
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 335878579
Conc: 149.04 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 319781242
Conc: 162.34 ng/ml



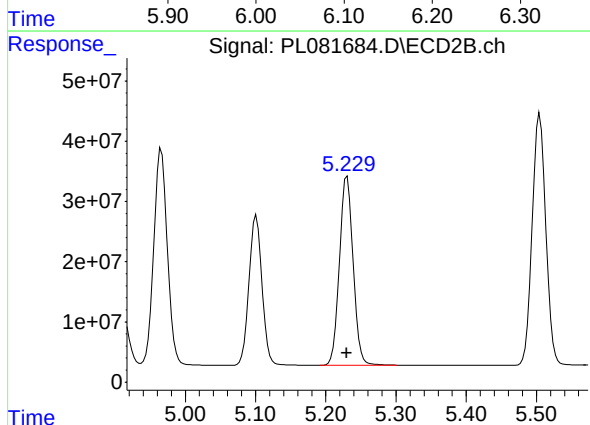
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.007 min
Response: 421775796
Conc: 174.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

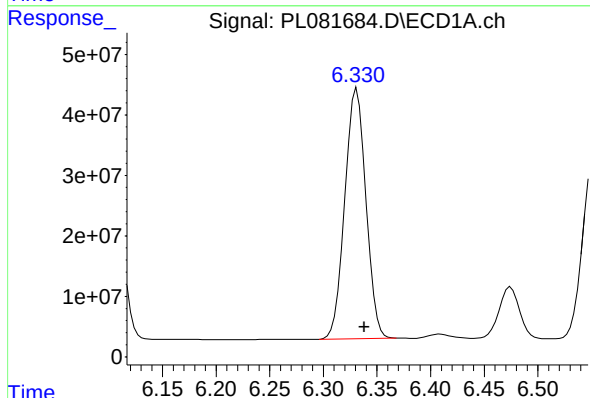
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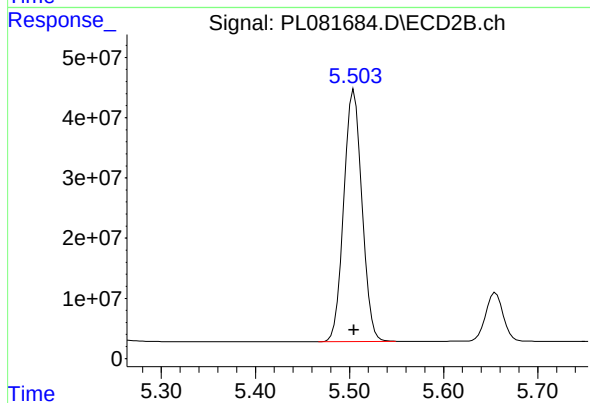
#13 Dieldrin

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 423659427
Conc: 188.34 ng/ml



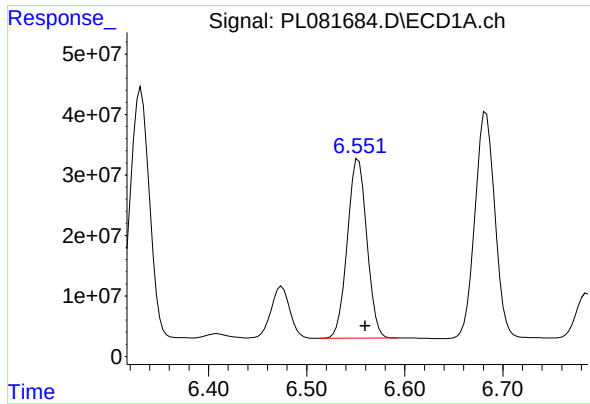
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 567199984
Conc: 268.15 ng/ml m



#14 Endrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 562470468
Conc: 277.94 ng/ml



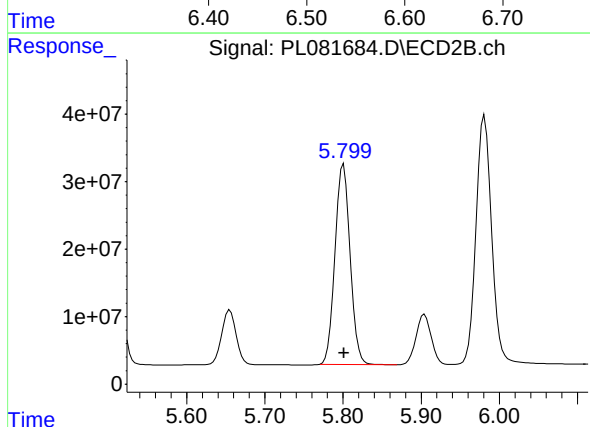
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 409641854
Conc: 193.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

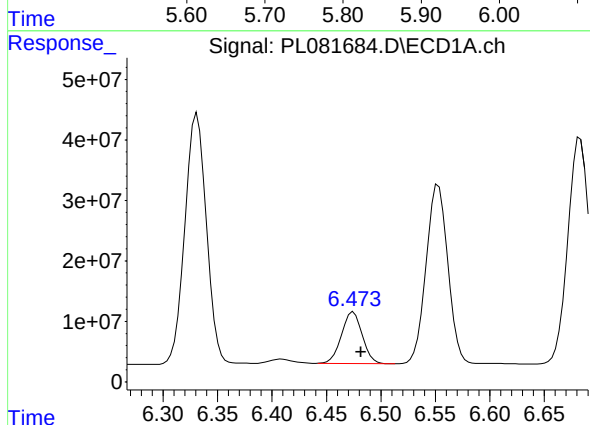
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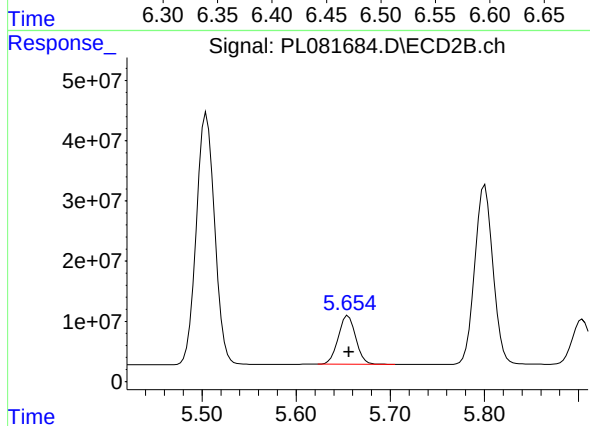
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 399543501
Conc: 220.25 ng/ml



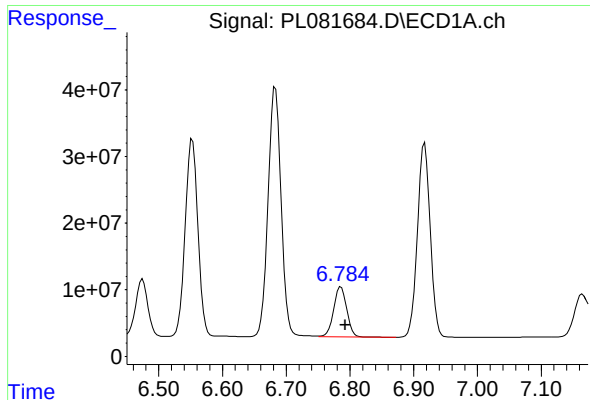
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 112575264
Conc: 62.42 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min
Delta R.T.: 0.000 min
Response: 103966889
Conc: 68.51 ng/ml



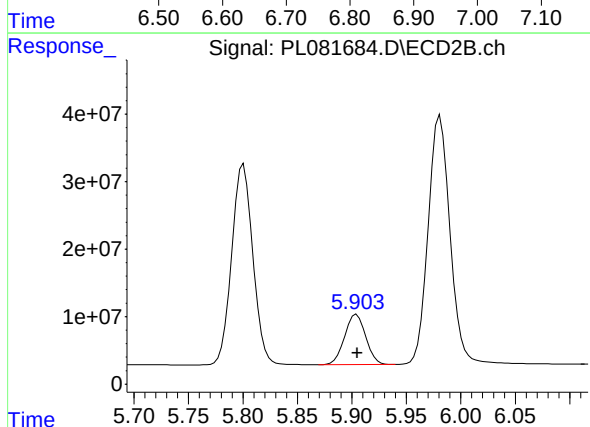
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 106480378
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

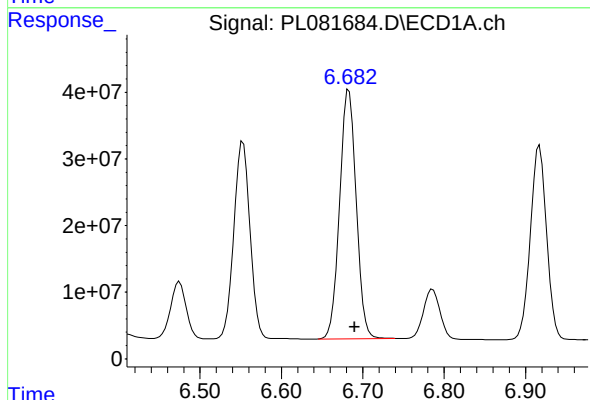
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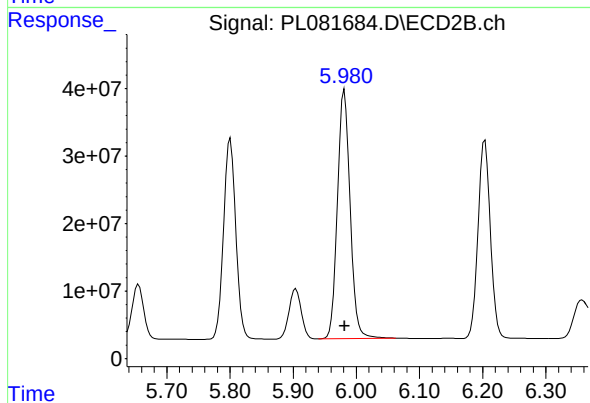
#17 4,4'-DDT

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 100061452
Conc: 58.06 ng/ml



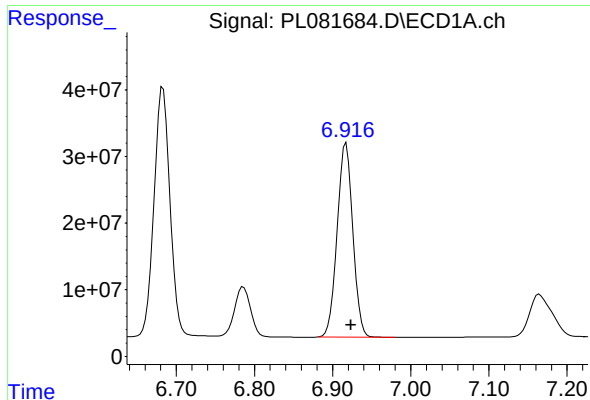
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: -0.008 min
Response: 530344440
Conc: 324.15 ng/ml m



#18 Endrin aldehyde

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 513187665
Conc: 330.45 ng/ml



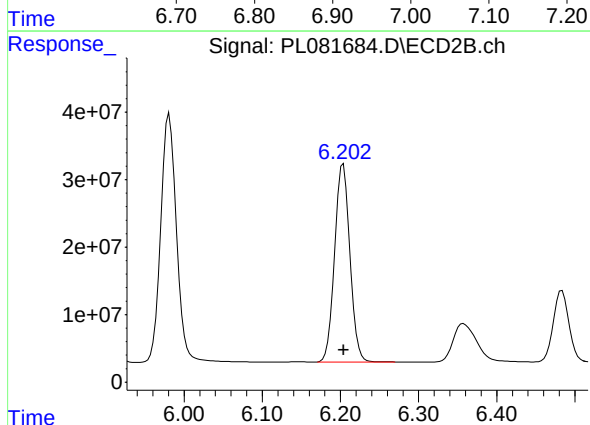
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 405233654
Conc: 194.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

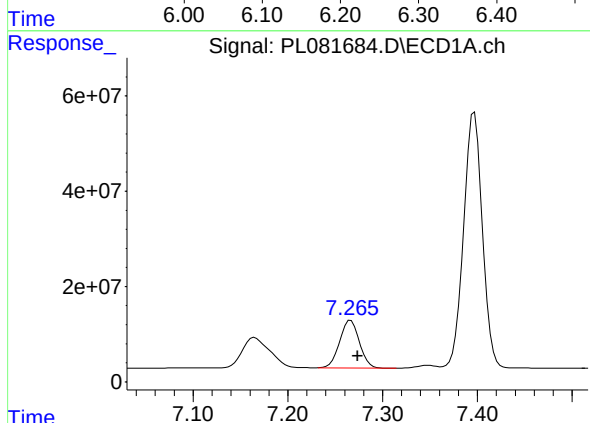
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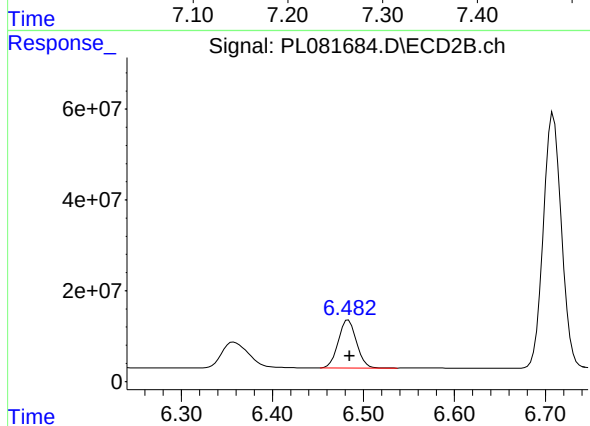
#19 Endosulfan Sulfate

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 398214495
Conc: 204.66 ng/ml



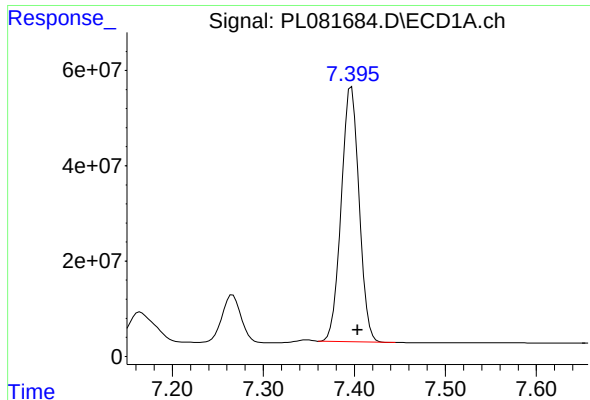
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.007 min
Response: 143291570
Conc: 133.06 ng/ml



#20 Methoxychlor

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 146457665
Conc: 147.04 ng/ml



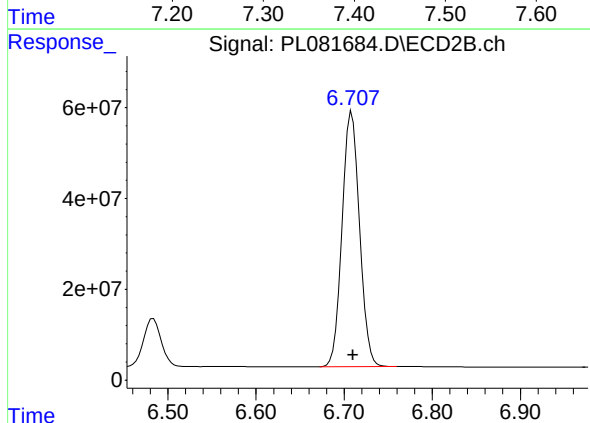
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 730033192
Conc: 348.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

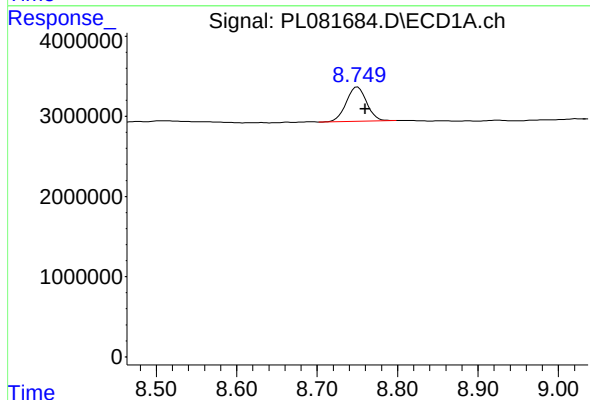
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Reviewed By :Abdul Mirza 03/24/2023
Supervised By :Ankita Jodhani 03/24/2023



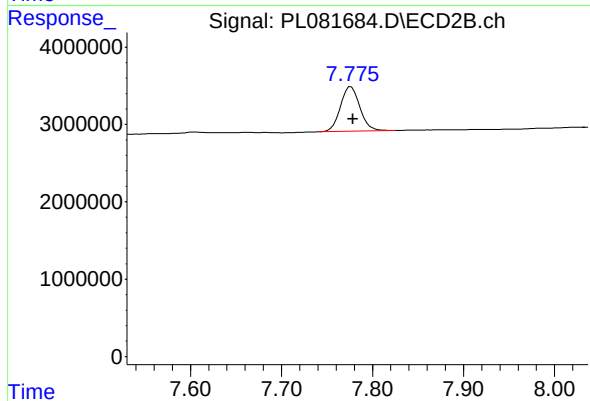
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 774498406
Conc: 362.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.009 min
Response: 7549820
Conc: 4.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: -0.002 min
Response: 8555683
Conc: 4.31 ng/ml