

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 15:09
 Operator : AR\AJ
 Sample : 02500-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOIL

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:49:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.322	2.645	62777358	43292536	23.501	18.687
28)	SA Decachlor...	8.746	7.759	34381821	40469858	18.010	17.731
Target Compounds							
2)	A alpha-BHC	3.773	3.143	4215.4E6	3453.6E6	1059.079	1014.741
3)	MA gamma-BHC...	4.101	3.470	4313.3E6	3568.1E6	1153.626	1109.724
4)	MA Heptachlor	4.679	3.802	732.0E6	659.7E6	200.343	192.723
5)	MB Aldrin	5.017	4.079	3431.5E6	3127.2E6	1040.598	992.805
6)	B beta-BHC	4.304	3.770	1669.3E6	1380.9E6	978.786	1012.086
7)	B delta-BHC	4.546	3.996	1739.7E6	1477.2E6	483.559	481.572
8)	B Heptachlo...	5.443	4.580	2664.7E6	2451.5E6	873.571	850.952
9)	A Endosulfan I	5.823	4.948	362.6E6	343.8E6	130.773	128.802
10)	B gamma-Chl...	5.698	4.829	1981.7E6	1823.1E6	659.052	628.255
11)	B alpha-Chl...	5.775	4.892	798.7E6	758.7E6	267.611	261.367
12)	B 4,4'-DDE	5.954	5.083	2609.8E6	2392.6E6	1026.670	1040.731
13)	MA Dieldrin	6.099	5.212	2356.7E6	2253.3E6	854.135	834.450
14)	MA Endrin	6.326	5.487	1161.6E6	1126.5E6	479.092	460.567
15)	B Endosulfa...	6.548	5.783	614.2E6	602.4E6	252.301	267.234
16)	A 4,4'-DDD	6.470	5.638	1505.3E6	1417.5E6	742.549	757.849
17)	MA 4,4'-DDT	6.780	5.886	722.2E6	618.6E6	315.685m	292.825
18)	B Endrin al...	6.678	5.964	931.3E6	892.8E6	494.253	477.089
19)	B Endosulfa...	6.913	6.187	1736.2E6	1644.4E6	732.086	698.488
20)	A Methoxychlor	7.263	6.466	358.8E6	357.6E6	294.035	295.096
21)	B Endrin ke...	7.392	6.691	1510.1E6	1507.8E6	630.669	594.042

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
Data File : PL082439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2023 15:09
Operator : AR\AJ
Sample : 02500-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

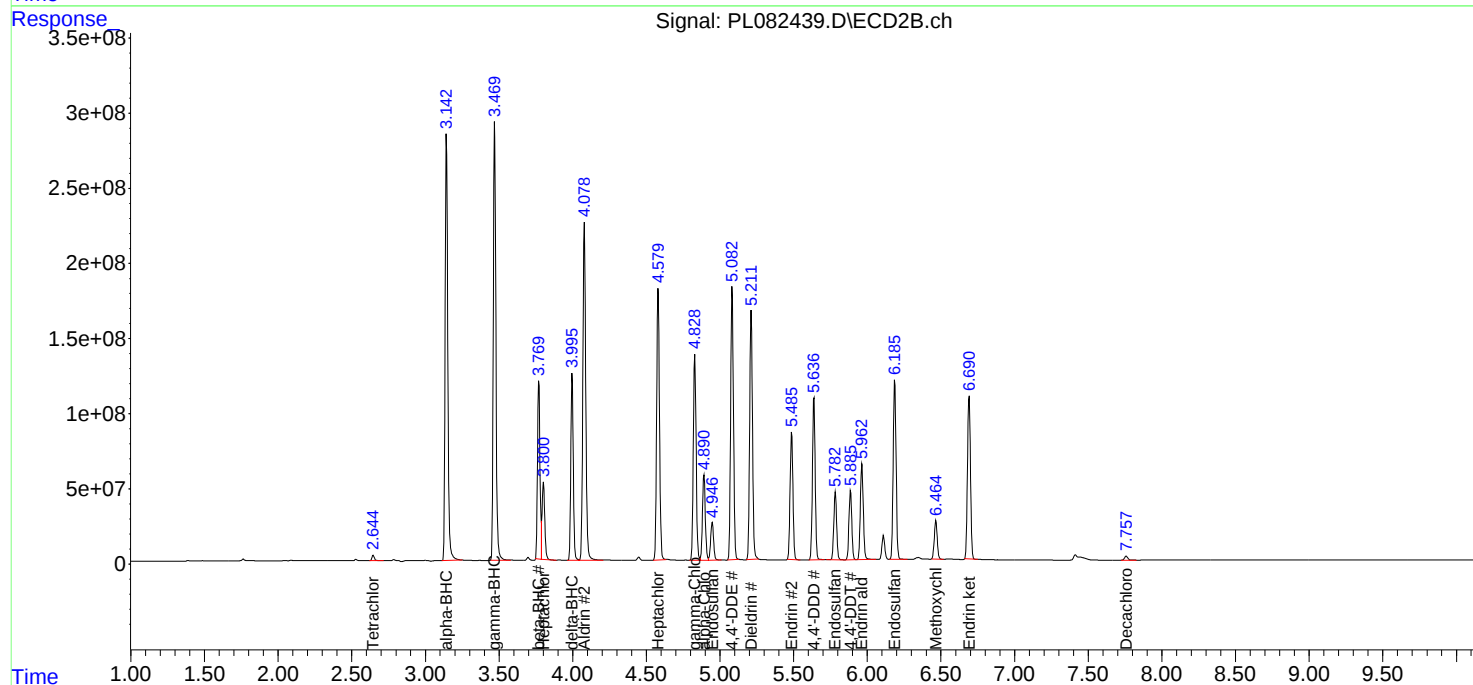
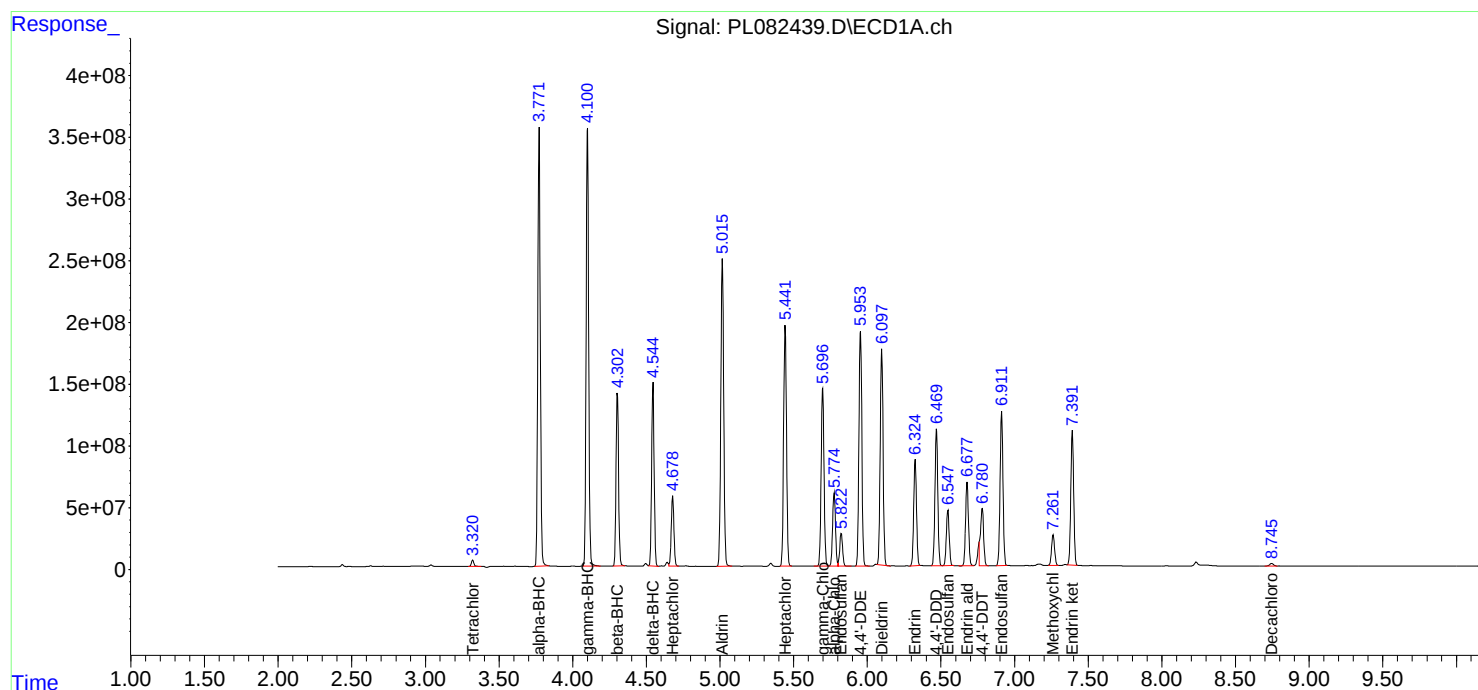
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

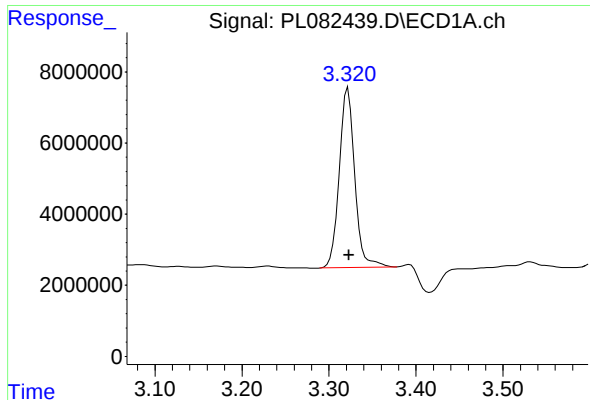
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/04/2023
Supervised By : Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 01:49:33 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





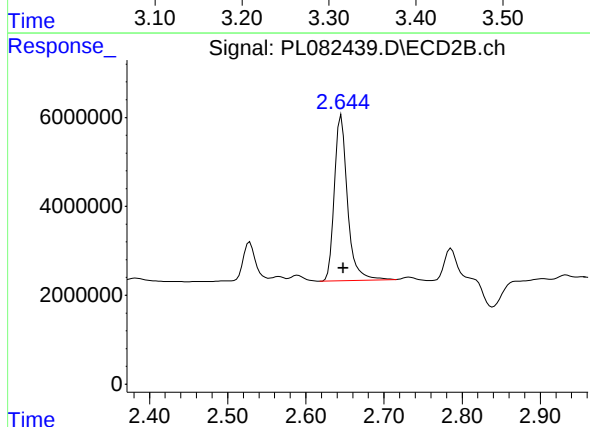
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 62777358
Conc: 23.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

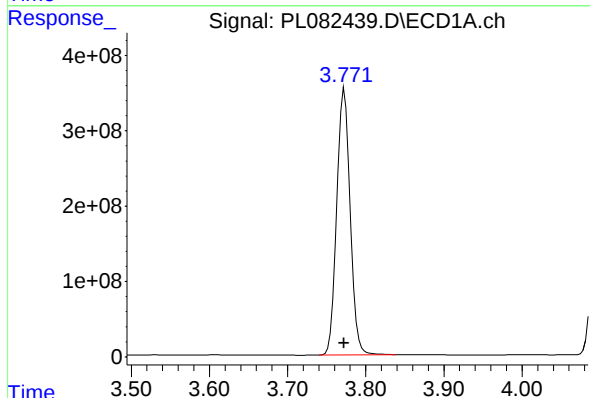
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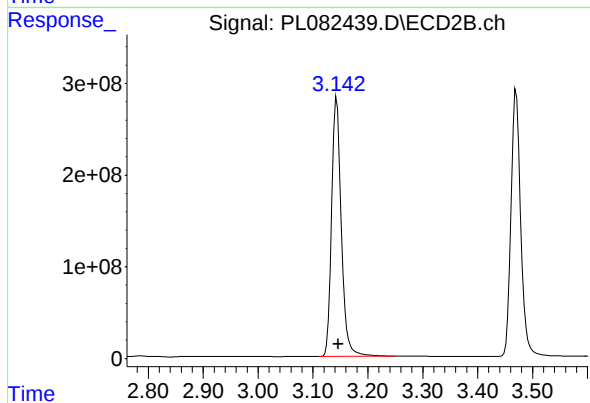
#1 Tetrachloro-m-xylene

R.T.: 2.645 min
Delta R.T.: -0.003 min
Response: 43292536
Conc: 18.69 ng/ml



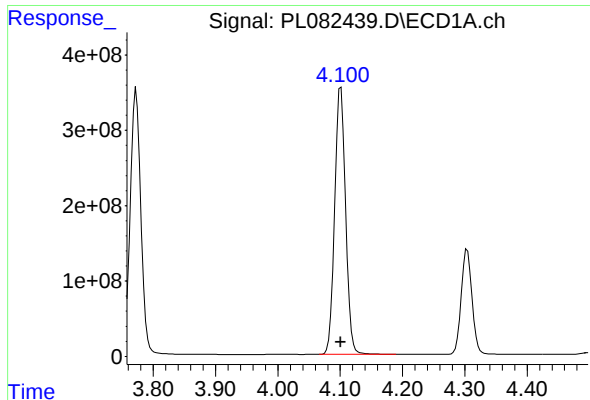
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 4215396264
Conc: 1059.08 ng/ml



#2 alpha-BHC

R.T.: 3.143 min
Delta R.T.: -0.003 min
Response: 3453646341
Conc: 1014.74 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 4313326180
Conc: 1153.63 ng/ml

Instrument :

ECD_L

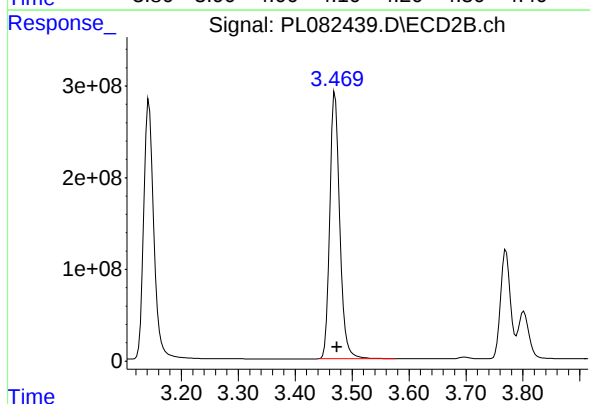
ClientSampleId :

PT-PEST-SOIL

Manual Integrations

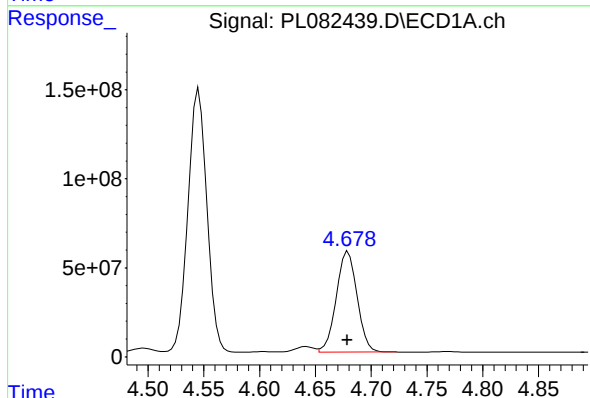
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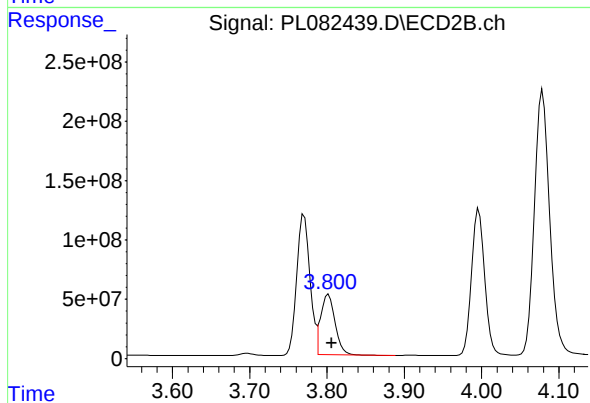
#3 gamma-BHC (Lindane)

R.T.: 3.470 min
Delta R.T.: -0.003 min
Response: 3568073922
Conc: 1109.72 ng/ml



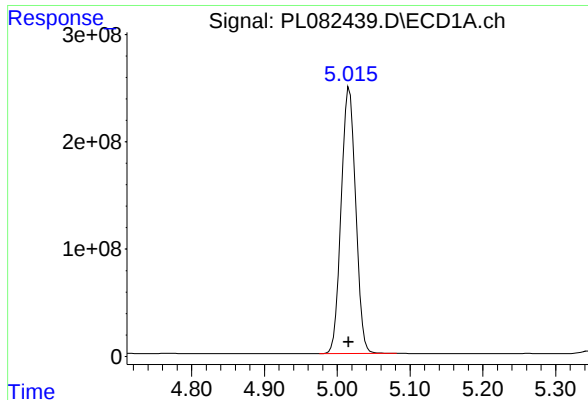
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 732040389
Conc: 200.34 ng/ml



#4 Heptachlor

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 659737625
Conc: 192.72 ng/ml



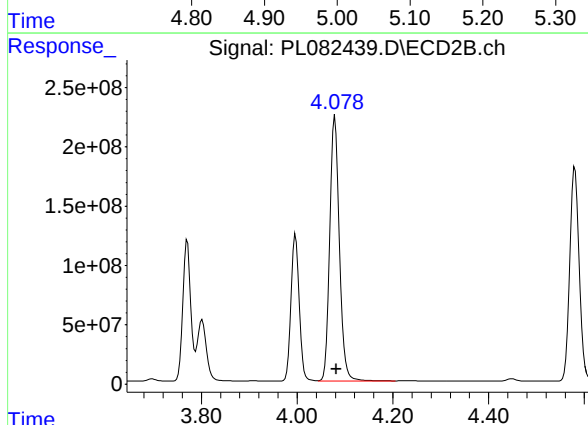
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.001 min
Response: 3431458528
Conc: 1040.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

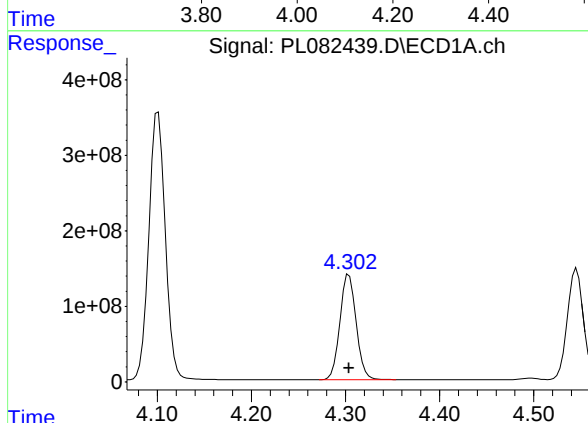
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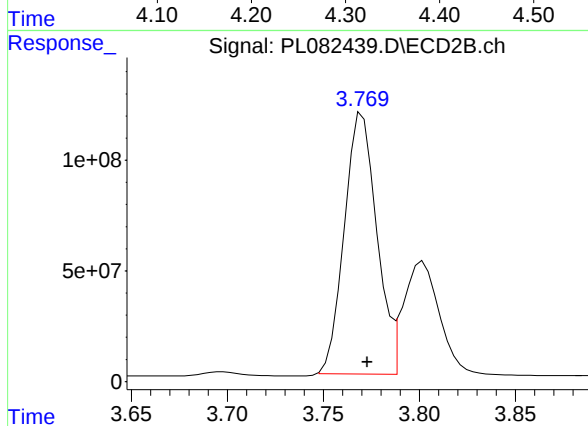
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.003 min
Response: 3127196366
Conc: 992.80 ng/ml



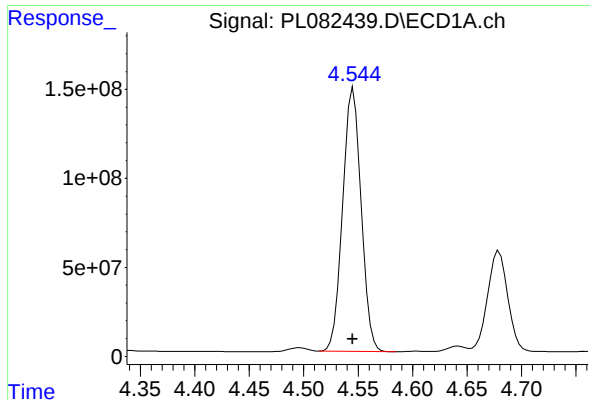
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 1669319378
Conc: 978.79 ng/ml



#6 beta-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 1380891916
Conc: 1012.09 ng/ml



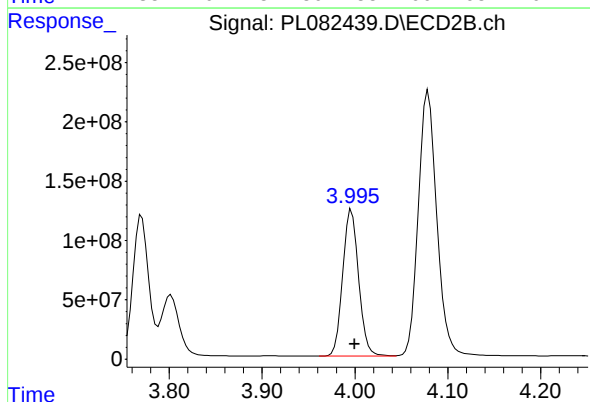
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 1739736738
Conc: 483.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

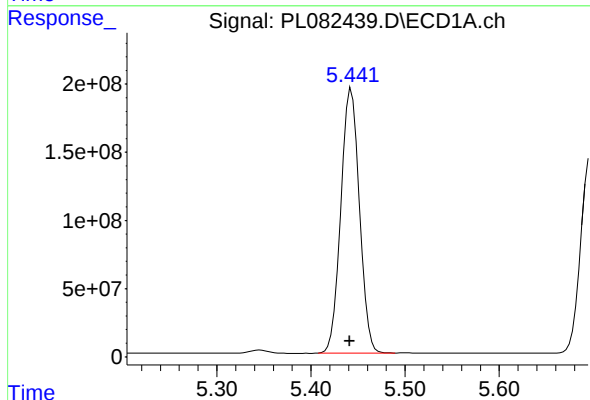
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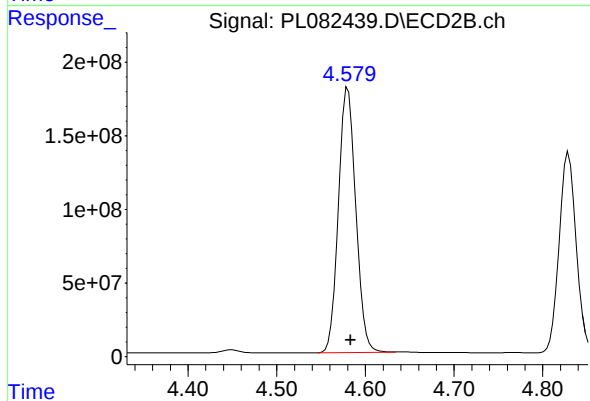
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 1477169882
Conc: 481.57 ng/ml



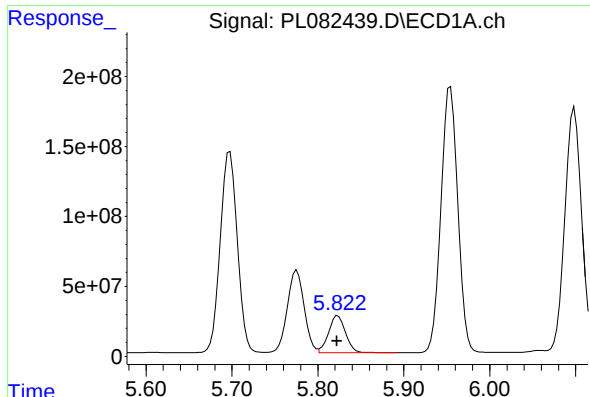
#8 Heptachlor epoxide

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 2664696429
Conc: 873.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 2451494117
Conc: 850.95 ng/ml



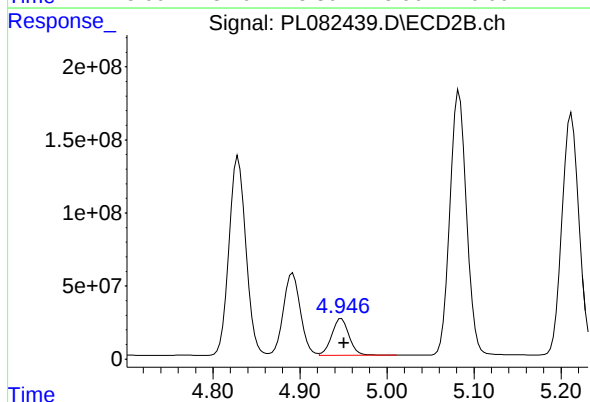
#9 Endosulfan I

R.T.: 5.823 min
 Delta R.T.: 0.001 min
 Response: 362598166
 Conc: 130.77 ng/ml

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOIL

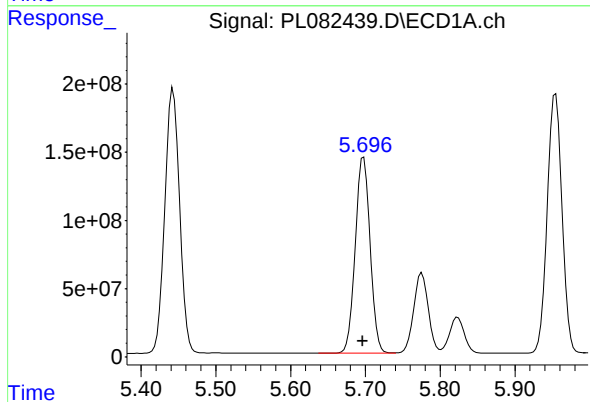
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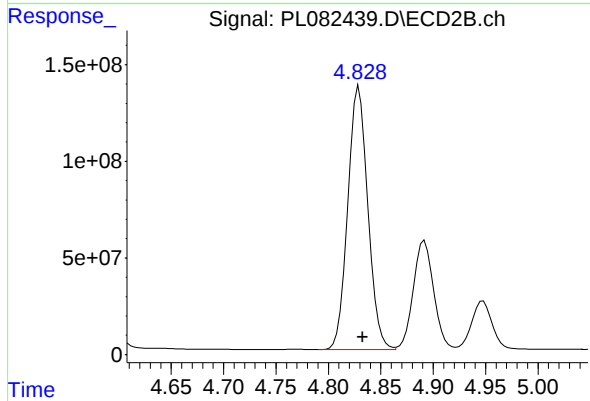
#9 Endosulfan I

R.T.: 4.948 min
 Delta R.T.: -0.003 min
 Response: 343828951
 Conc: 128.80 ng/ml



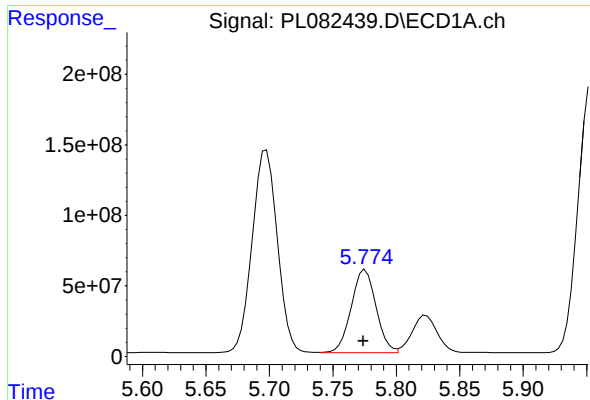
#10 gamma-Chlordane

R.T.: 5.698 min
 Delta R.T.: 0.002 min
 Response: 1981684995
 Conc: 659.05 ng/ml



#10 gamma-Chlordane

R.T.: 4.829 min
 Delta R.T.: -0.003 min
 Response: 1823103385
 Conc: 628.26 ng/ml



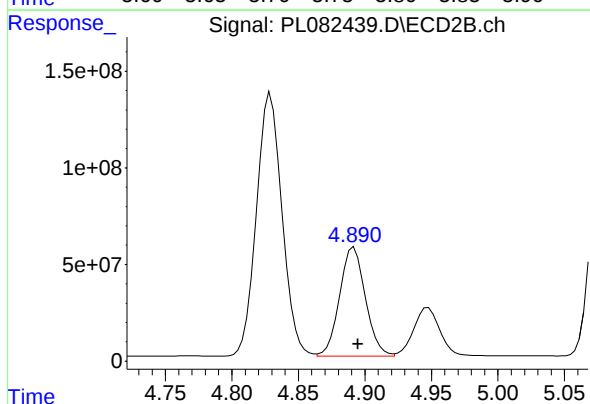
#11 alpha-Chlordane

R.T.: 5.775 min
Delta R.T.: 0.001 min
Response: 798713243
Conc: 267.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

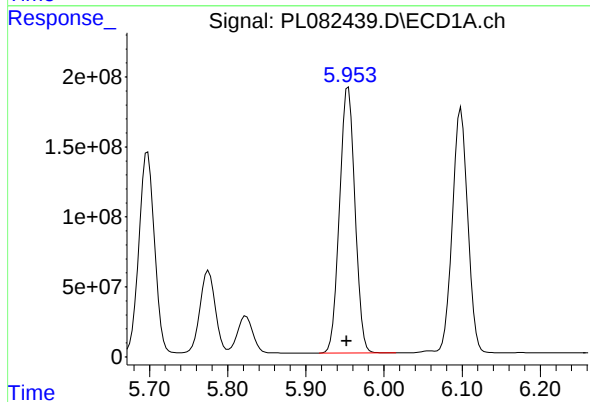
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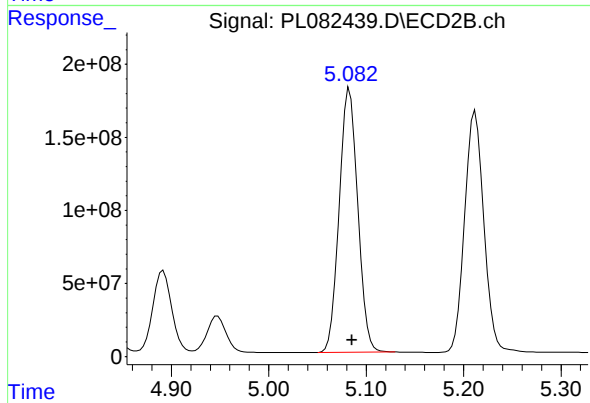
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 758704686
Conc: 261.37 ng/ml



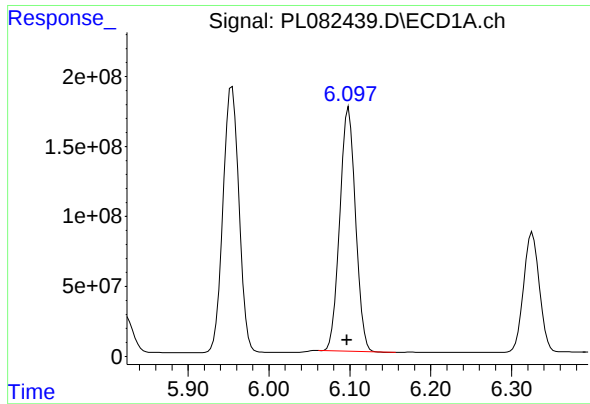
#12 4,4'-DDE

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 2609831481
Conc: 1026.67 ng/ml



#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: -0.003 min
Response: 2392601415
Conc: 1040.73 ng/ml



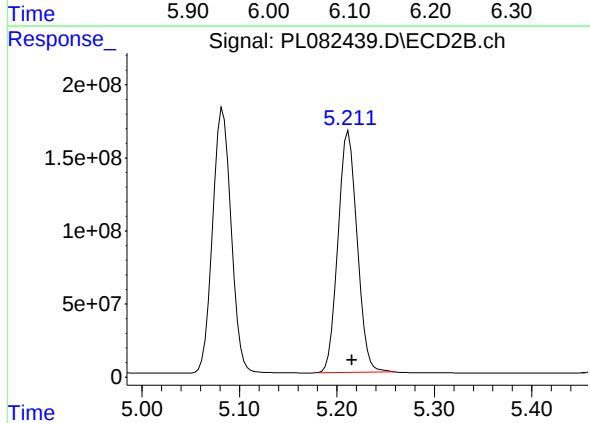
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 2356667919
Conc: 854.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

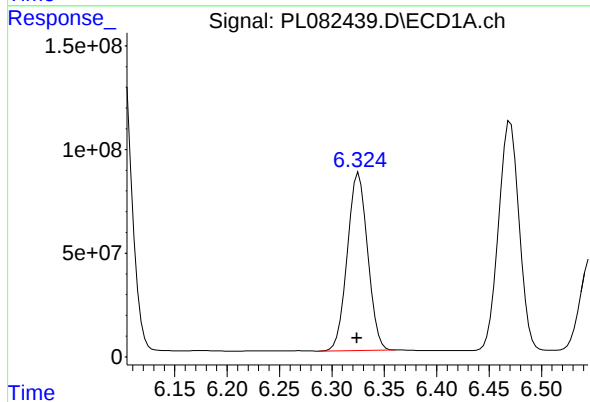
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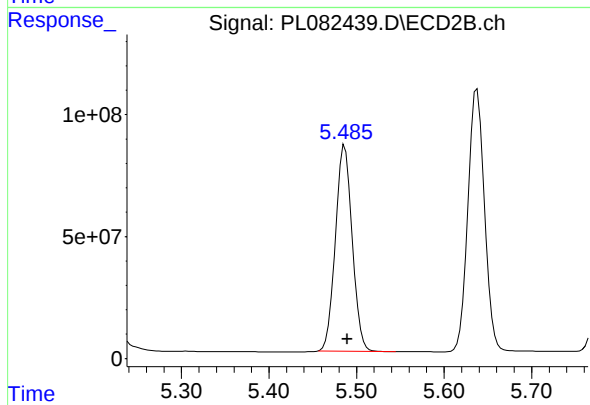
#13 Dieldrin

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 2253336705
Conc: 834.45 ng/ml



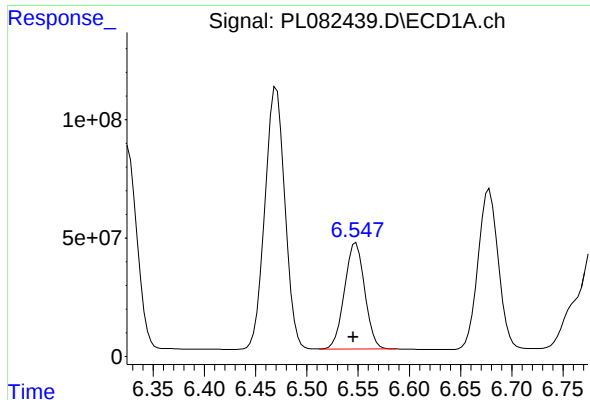
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 1161584430
Conc: 479.09 ng/ml



#14 Endrin

R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 1126527330
Conc: 460.57 ng/ml



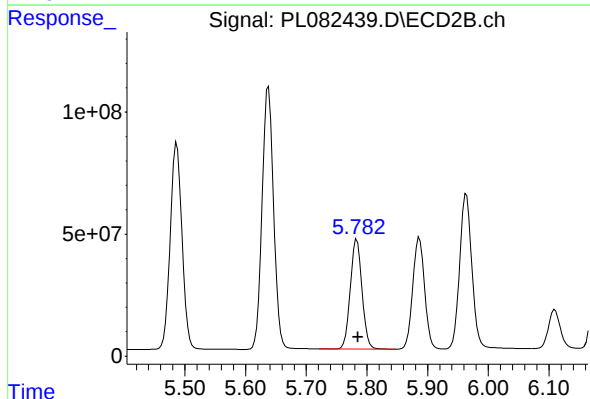
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 614241595
Conc: 252.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

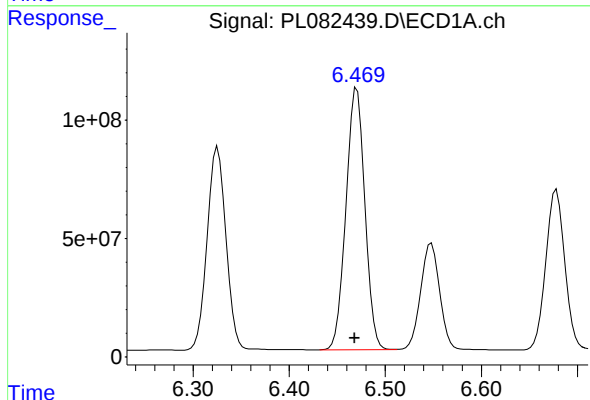
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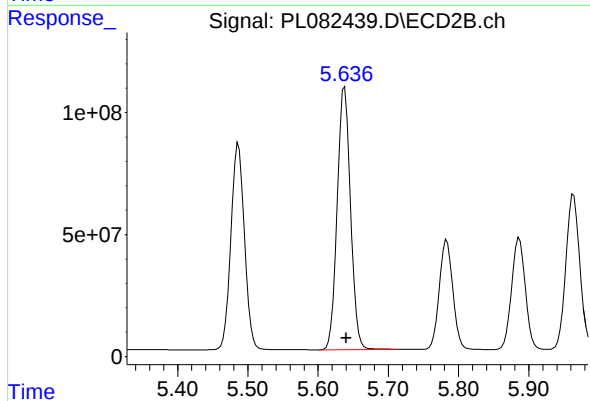
#15 Endosulfan II

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 602374811
Conc: 267.23 ng/ml



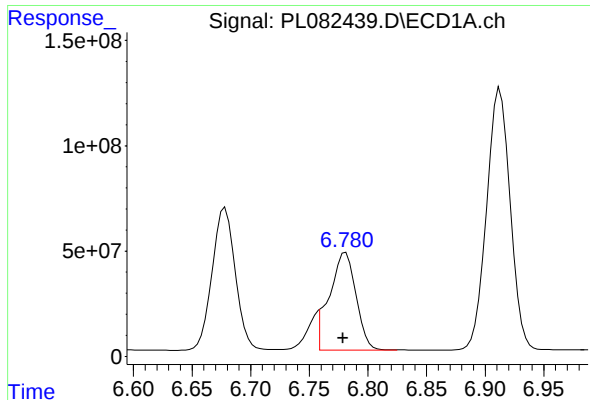
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 1505293962
Conc: 742.55 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 1417479433
Conc: 757.85 ng/ml



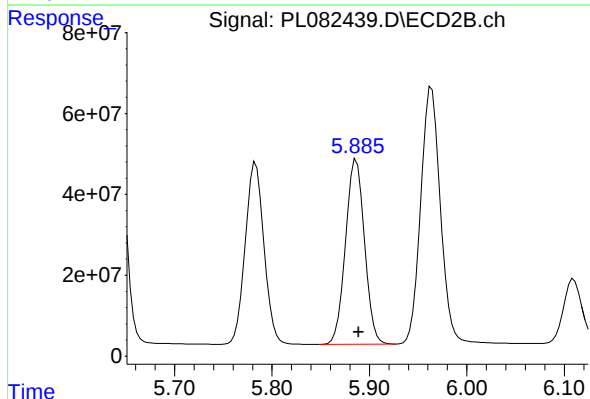
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 722199244
Conc: 315.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

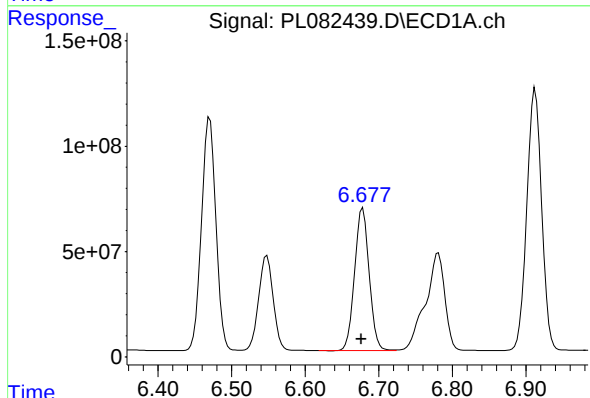
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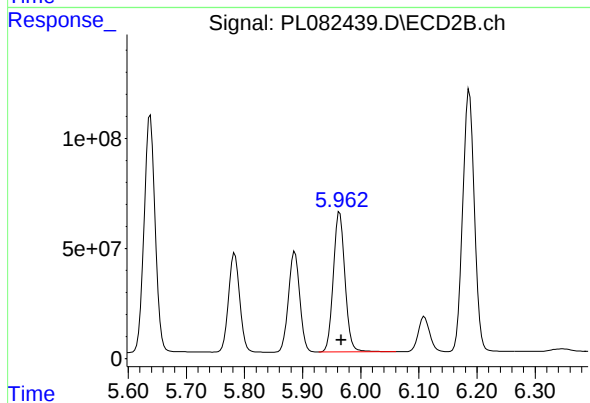
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 618620346
Conc: 292.83 ng/ml



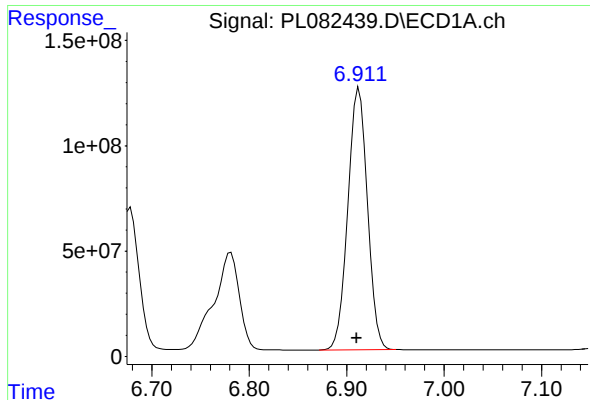
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 931257250
Conc: 494.25 ng/ml



#18 Endrin aldehyde

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 892814149
Conc: 477.09 ng/ml



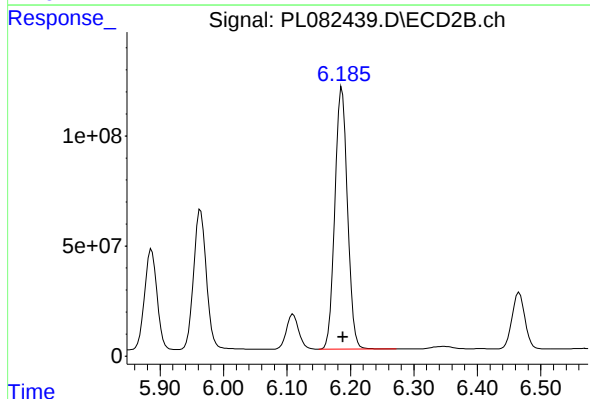
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 1736169960
Conc: 732.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

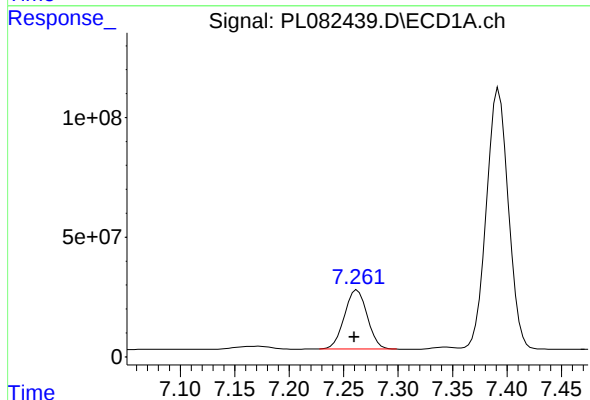
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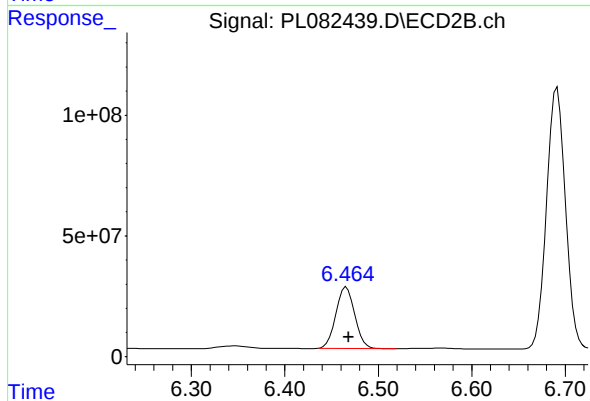
#19 Endosulfan Sulfate

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 1644436485
Conc: 698.49 ng/ml



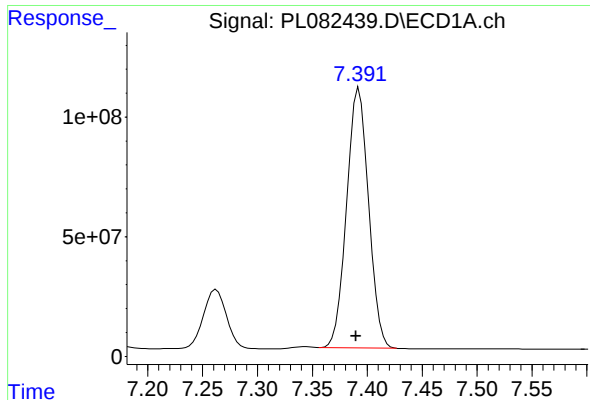
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: 0.003 min
Response: 358819517
Conc: 294.03 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 357608225
Conc: 295.10 ng/ml



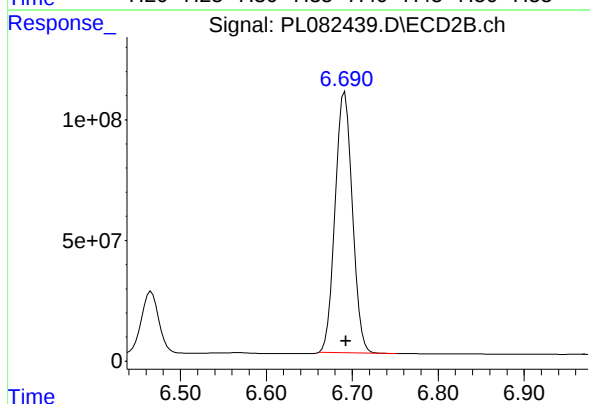
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: 0.003 min
Response: 1510075461
Conc: 630.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOIL

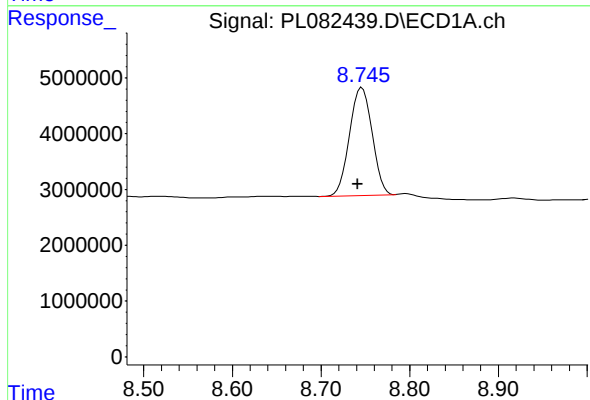
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



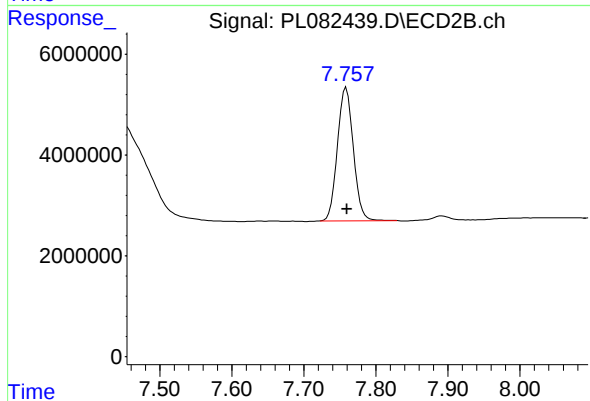
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.001 min
Response: 1507787212
Conc: 594.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: 0.005 min
Response: 34381821
Conc: 18.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 40469858
Conc: 17.73 ng/ml