

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091520\  
 Data File : PL061465.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Sep 2020 14:25  
 Operator : DD\AJ  
 Sample : L3998-03MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-EF-01-TEST1-ABCD-BMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 03:36:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 01:27:38 2020  
 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... | 3.459 | 4.008  | 34825052 | 64286018 | 20.192   | 20.899     |
| 28)                         | SA Decachlor... | 8.210 | 9.093  | 23646058 | 36642349 | 14.174   | 15.496     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.397  | 131.3E6  | 243.6E6  | 51.301   | 52.753     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.683  | 119.4E6  | 222.1E6  | 52.306   | 51.757     |
| 4)                          | MA Heptachlor   | 4.480 | 5.193  | 111.5E6  | 196.4E6  | 51.956   | 50.242     |
| 5)                          | MB Aldrin       | 4.728 | 5.499  | 97167768 | 174.0E6  | 50.609   | 46.059     |
| 6)                          | B beta-BHC      | 4.430 | 4.854  | 49630100 | 89188217 | 51.666   | 51.072     |
| 7)                          | B delta-BHC     | 4.633 | 5.071  | 101.2E6  | 146.9E6  | 46.716   | 46.054     |
| 8)                          | B Heptachlo...  | 5.170 | 5.886  | 92959982 | 146.9E6  | 49.891   | 49.215     |
| 9)                          | A Endosulfan I  | 5.509 | 6.244  | 84911314 | 140.7E6  | 49.355   | 43.855     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.122  | 91303667 | 151.6E6  | 49.285   | 43.985     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.194  | 90603145 | 153.0E6  | 48.909   | 43.964     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.352  | 83454484 | 140.9E6  | 49.079   | 43.945     |
| 13)                         | MA Dieldrin     | 5.752 | 6.502  | 87269598 | 141.4E6  | 48.619   | 43.131     |
| 14)                         | MA Endrin       | 6.008 | 6.720  | 81253684 | 117.8E6  | 48.350   | 42.119     |
| 15)                         | B Endosulfa...  | 6.281 | 6.930  | 78834829 | 119.5E6  | 46.080   | 40.472     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.843  | 69161598 | 111.4E6  | 47.857   | 43.392     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.143  | 66659433 | 101.4E6  | 48.547   | 40.498     |
| 18)                         | B Endrin al...  | 6.449 | 7.054  | 66646513 | 99687038 | 45.273   | 40.746     |
| 19)                         | B Endosulfa...  | 6.662 | 7.278  | 72503274 | 107.5E6  | 44.053   | 39.305     |
| 20)                         | A Methoxychlor  | 6.922 | 7.603  | 39034428 | 57474197 | 45.598   | 39.956     |
| 21)                         | B Endrin ke...  | 7.151 | 7.750  | 78981756 | 112.6E6  | 43.190   | 41.460     |
| 22)                         | Mirex           | 7.340 | 8.206  | 60602133 | 81191224 | 40.530   | 42.165     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 174.0E6  | N.D.     | 1424.944 # |
| 25)                         | Chlordane-3     | 5.398 | 6.122  | 91303667 | 151.6E6  | 550.530  | 351.025 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.194  | 90603145 | 153.0E6  | 658.234  | 292.271 #  |
| 27)                         | Chlordane-5     | 6.281 | 0.000  | 78834829 | 0        | 1402.585 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

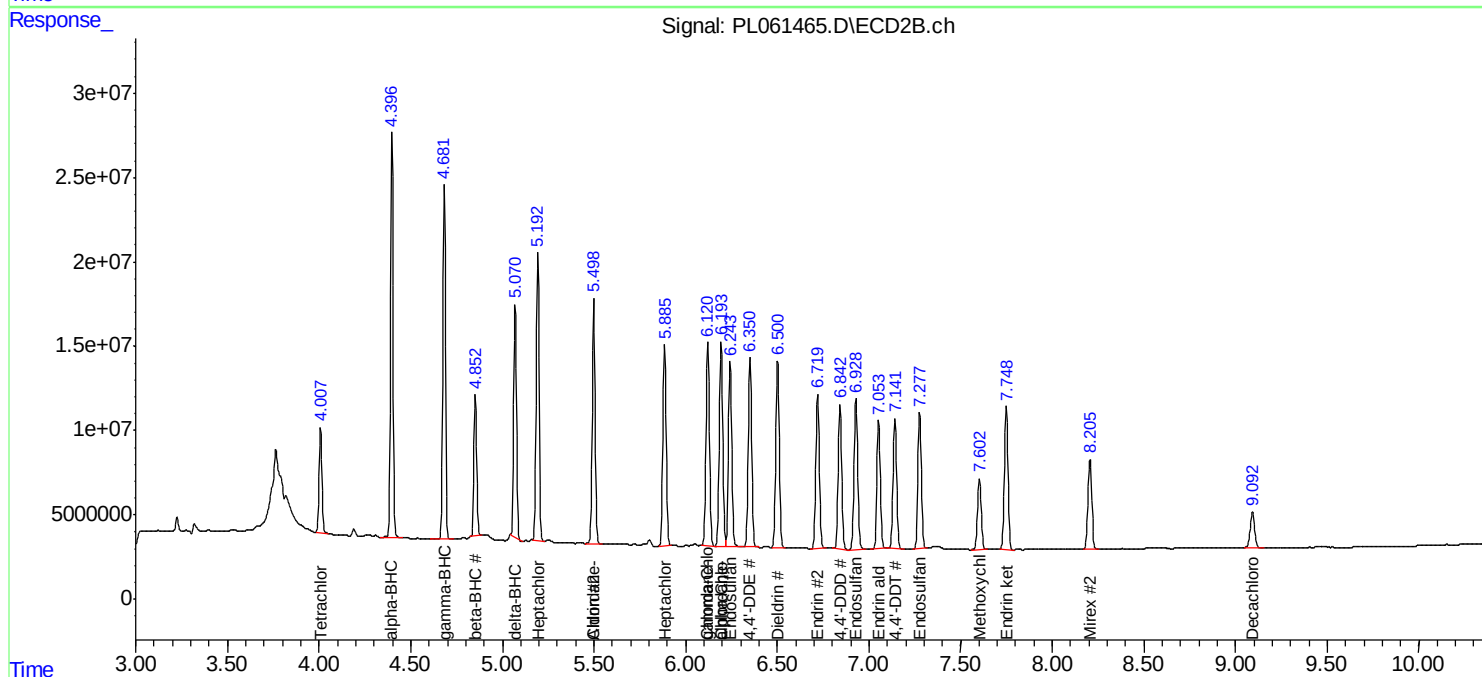
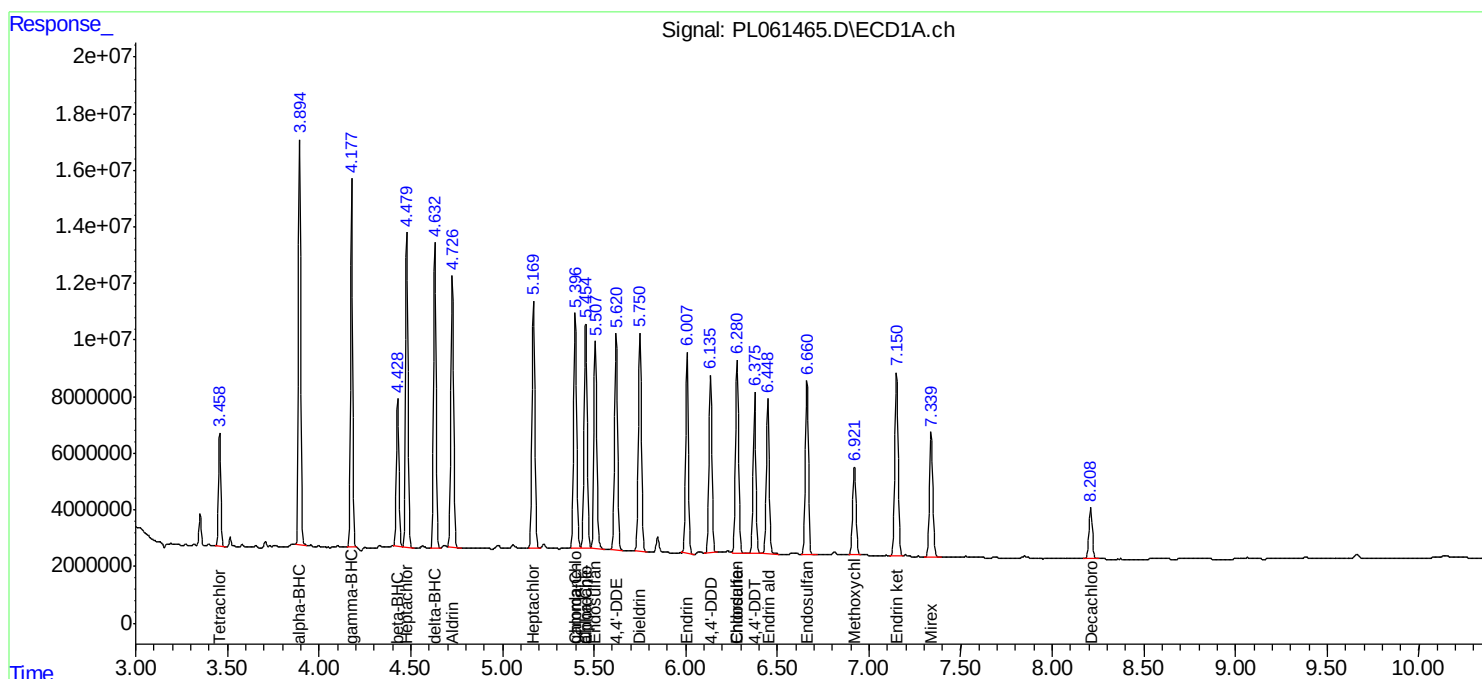
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

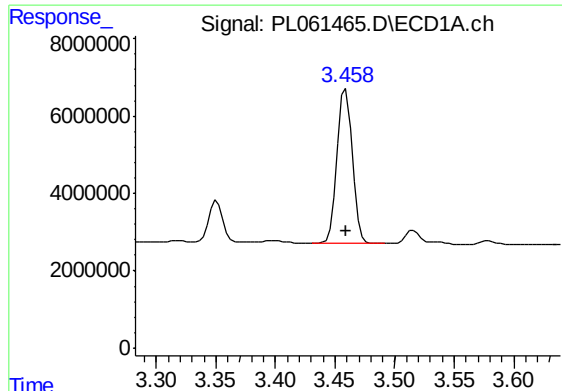
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091520\  
Data File : PL061465.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Sep 2020 14:25  
Operator : DD\AJ  
Sample : L3998-03MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 03:36:21 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 01:27:38 2020  
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

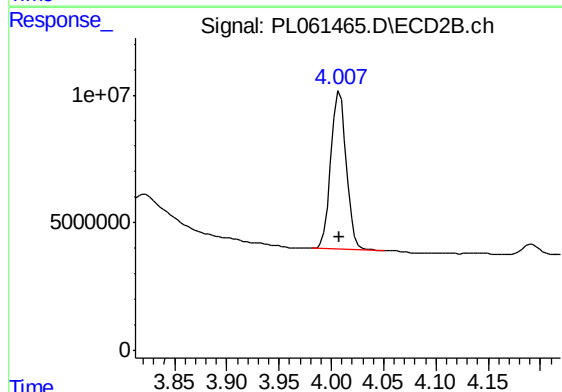




#1 Tetrachloro-m-xylene

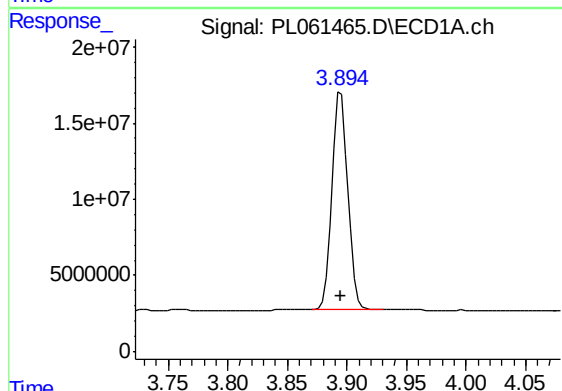
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 34825052  
Conc: 20.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



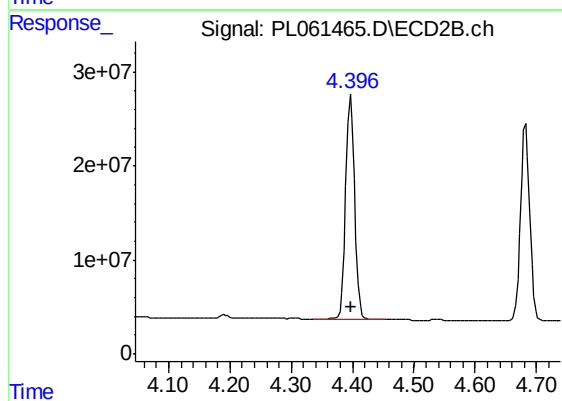
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 64286018  
Conc: 20.90 ng/ml



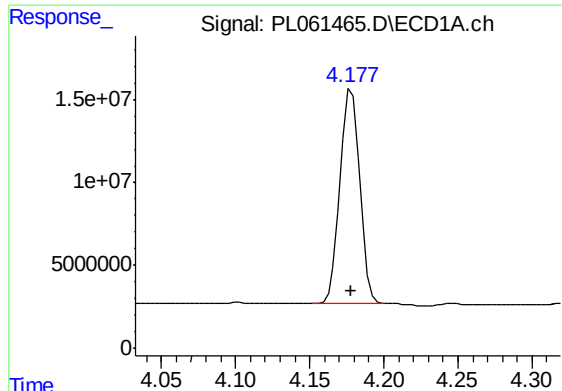
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 131285189  
Conc: 51.30 ng/ml



#2 alpha-BHC

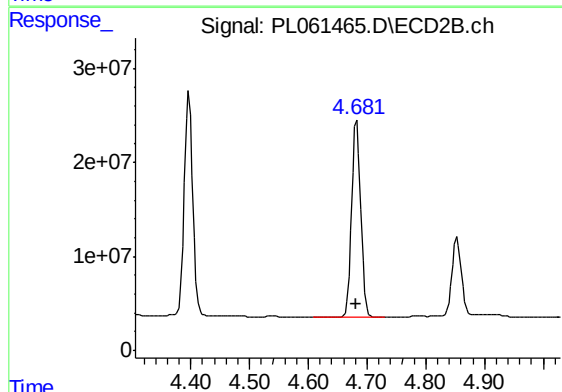
R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 243623481  
Conc: 52.75 ng/ml



#3 gamma-BHC (Lindane)

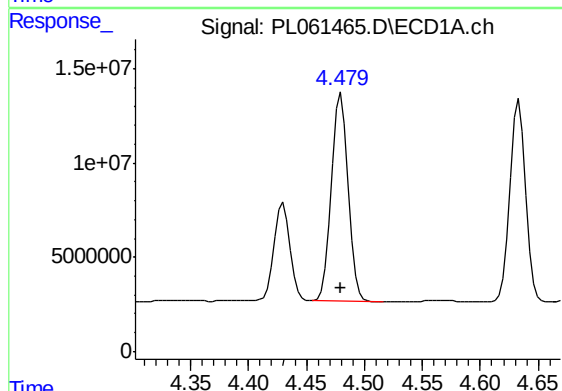
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 119381216  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



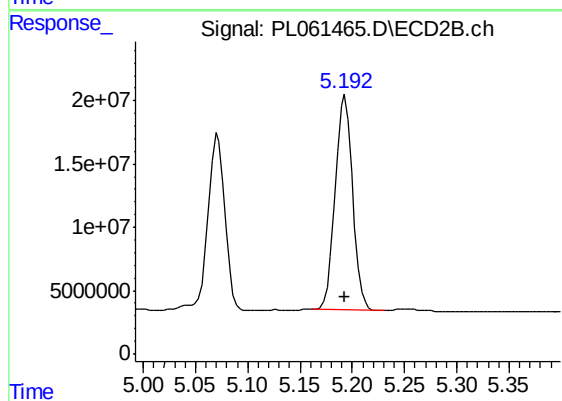
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 222056860  
Conc: 51.76 ng/ml



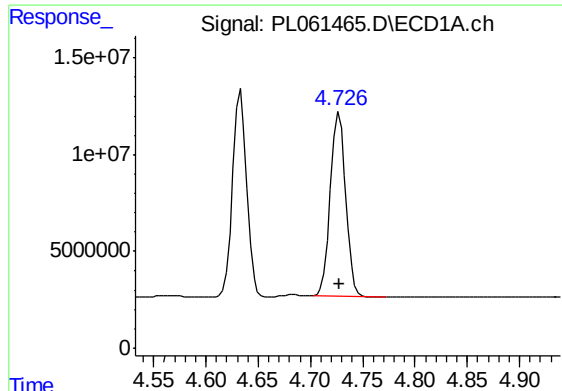
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 111472428  
Conc: 51.96 ng/ml



#4 Heptachlor

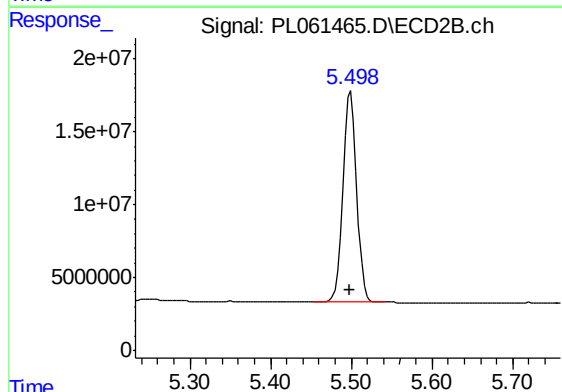
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 196410254  
Conc: 50.24 ng/ml



#5 Aldrin

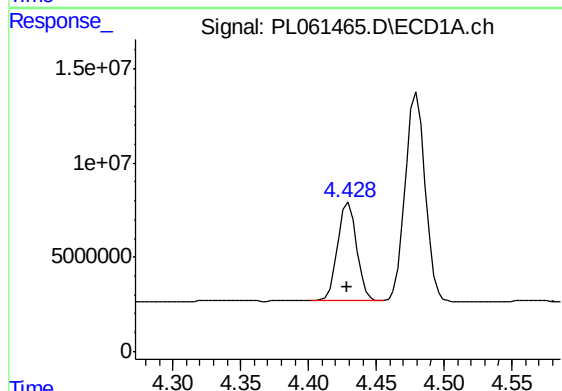
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 97167768  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



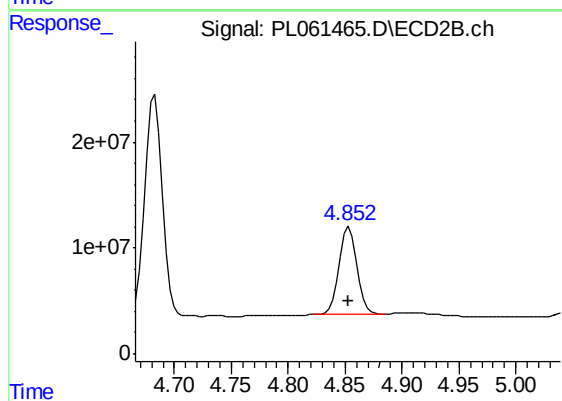
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 174038595  
Conc: 46.06 ng/ml



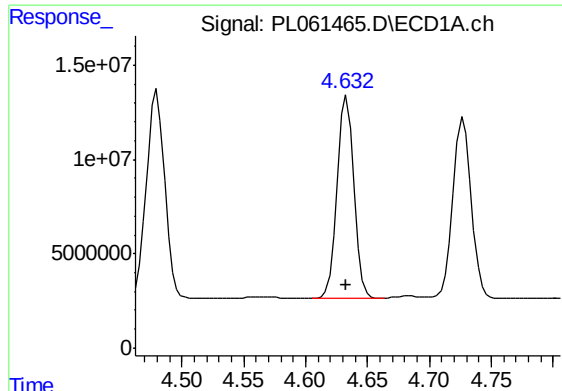
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 49630100  
Conc: 51.67 ng/ml



#6 beta-BHC

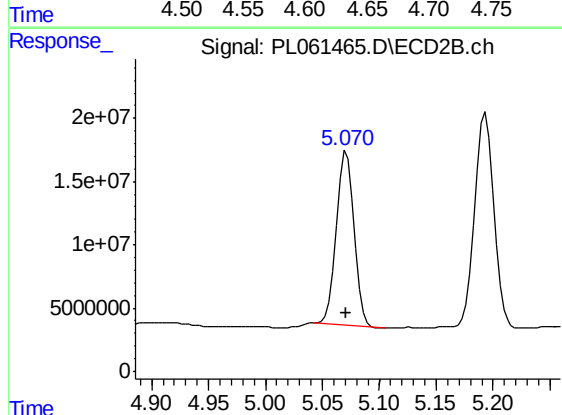
R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 89188217  
Conc: 51.07 ng/ml



#7 delta-BHC

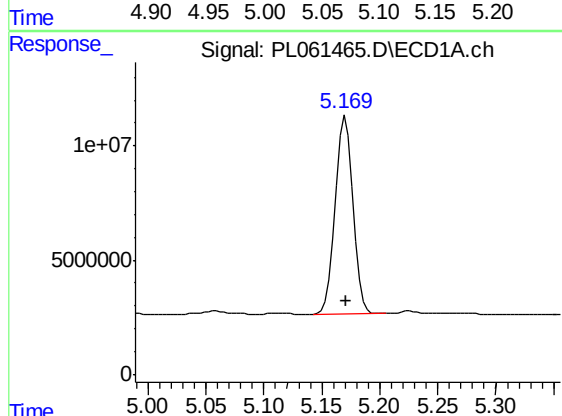
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 101197559  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



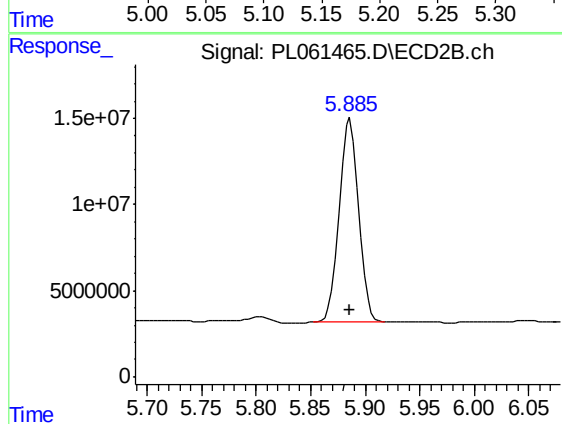
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 146891538  
Conc: 46.05 ng/ml



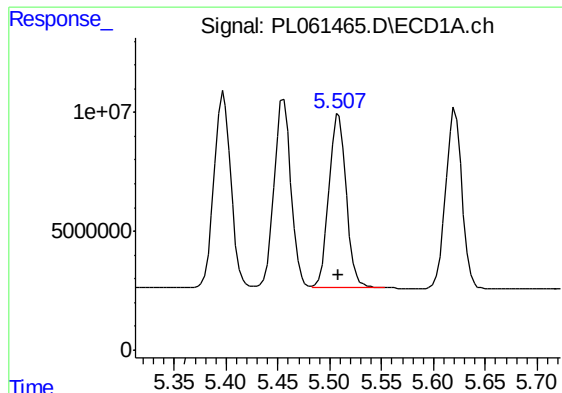
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 92959982  
Conc: 49.89 ng/ml



#8 Heptachlor epoxide

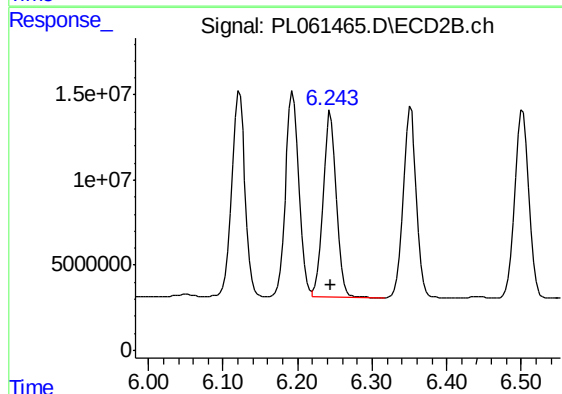
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 146949798  
Conc: 49.21 ng/ml



#9 Endosulfan I

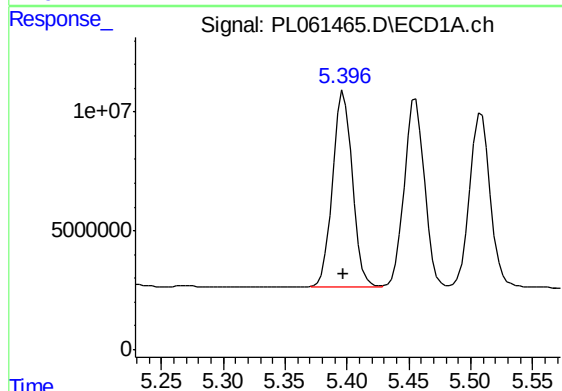
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 84911314  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



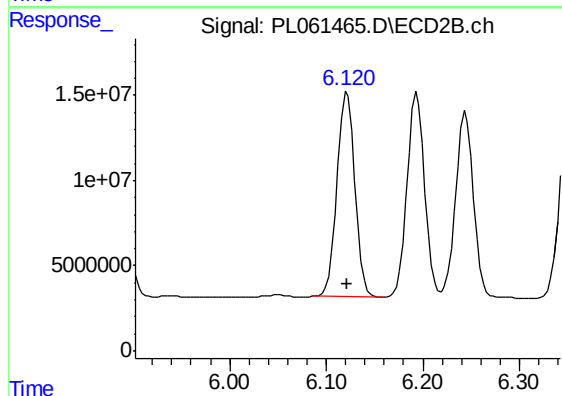
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 140681067  
Conc: 43.86 ng/ml



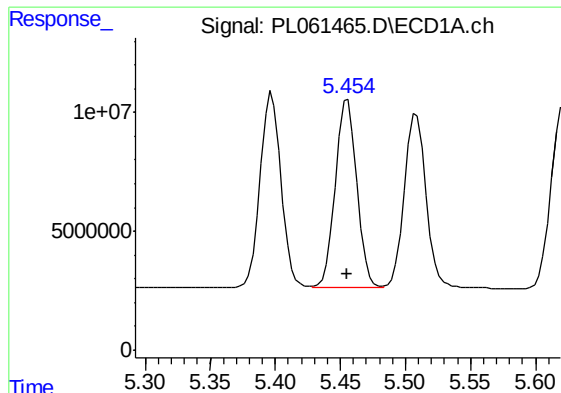
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 91303667  
Conc: 49.29 ng/ml



#10 gamma-Chlordane

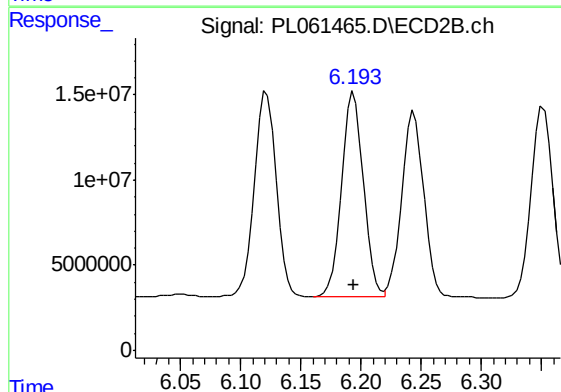
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 151634924  
Conc: 43.99 ng/ml



#11 alpha-Chlordane

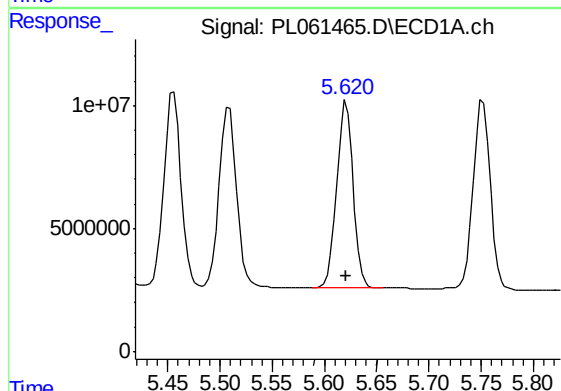
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 90603145  
Conc: 48.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



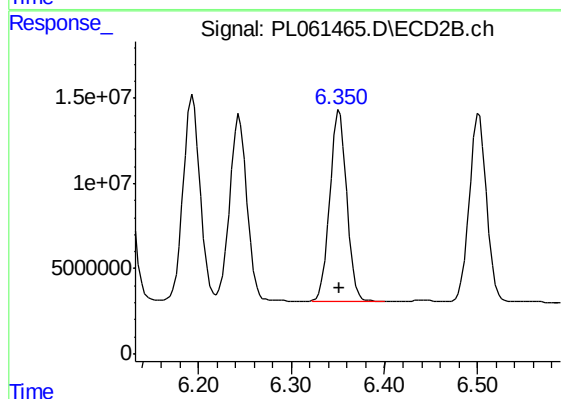
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 152996131  
Conc: 43.96 ng/ml



#12 4,4'-DDE

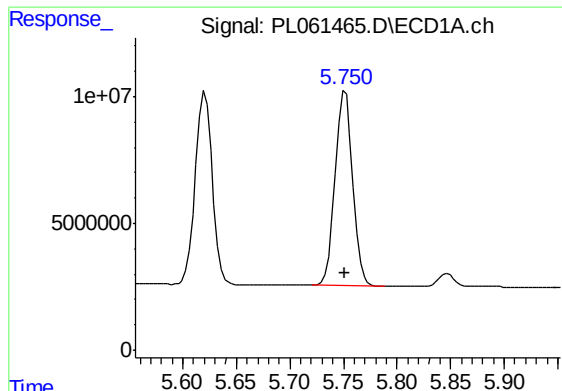
R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 83454484  
Conc: 49.08 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 140862816  
Conc: 43.94 ng/ml

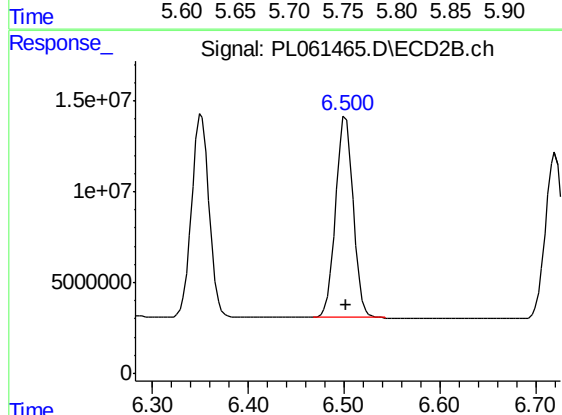




#13 Dieldrin

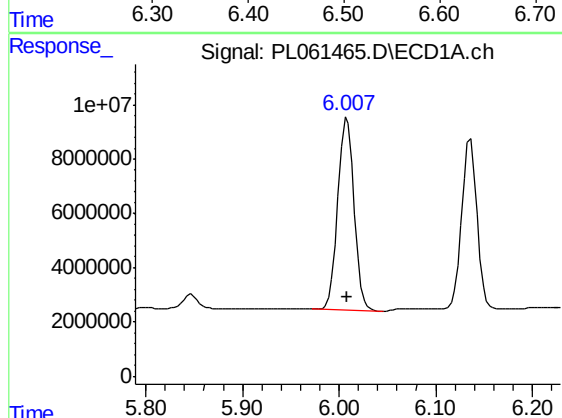
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 87269598  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



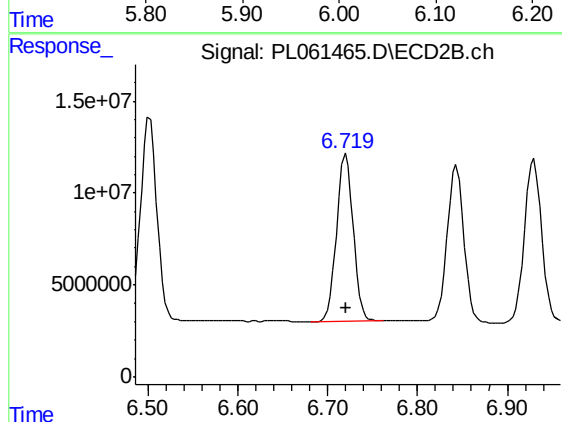
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 141414471  
Conc: 43.13 ng/ml



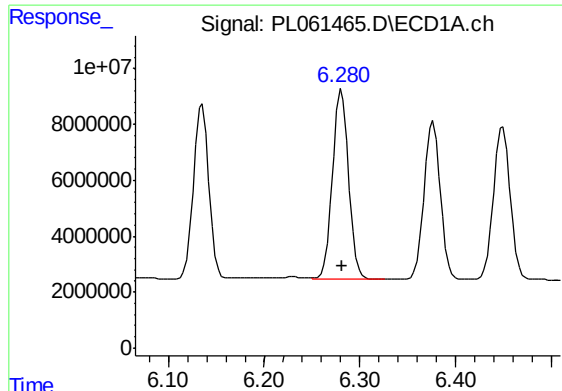
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 81253684  
Conc: 48.35 ng/ml



#14 Endrin

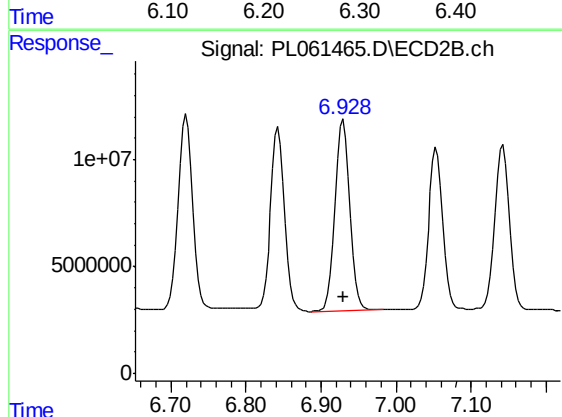
R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 117767808  
Conc: 42.12 ng/ml



#15 Endosulfan II

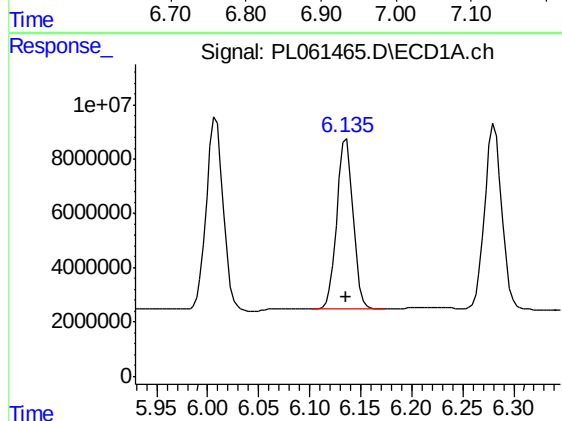
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 78834829  
Conc: 46.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



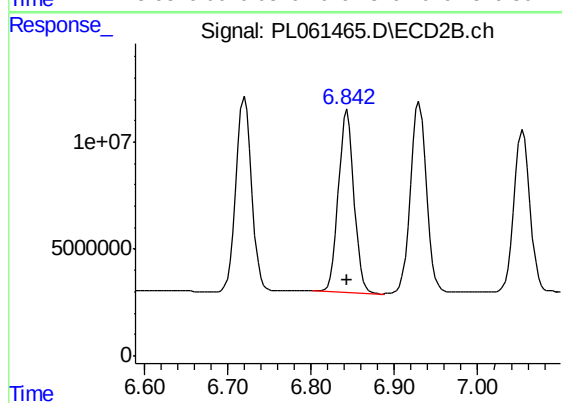
#15 Endosulfan II

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 119547133  
Conc: 40.47 ng/ml



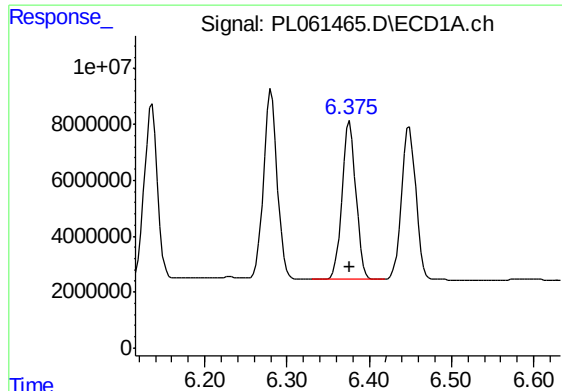
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 69161598  
Conc: 47.86 ng/ml



#16 4,4'-DDD

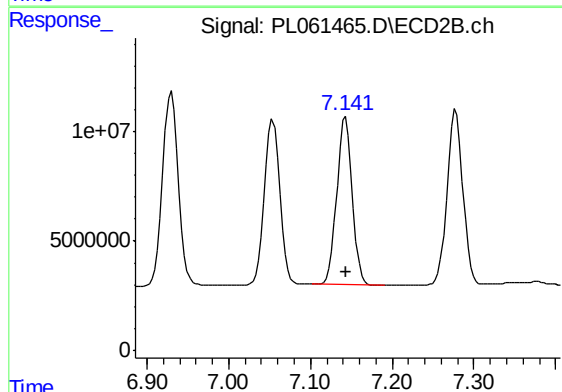
R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 111430557  
Conc: 43.39 ng/ml



#17 4,4'-DDT

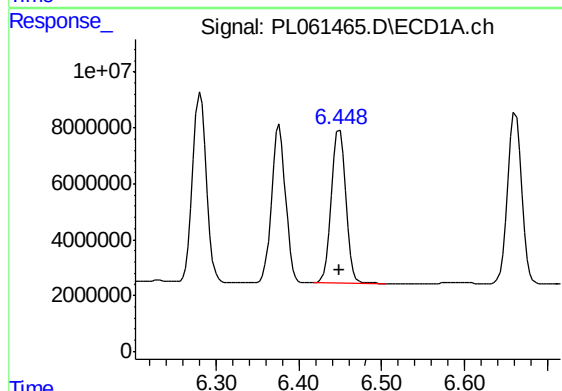
R.T.: 6.377 min  
Delta R.T.: 0.000 min  
Response: 66659433  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



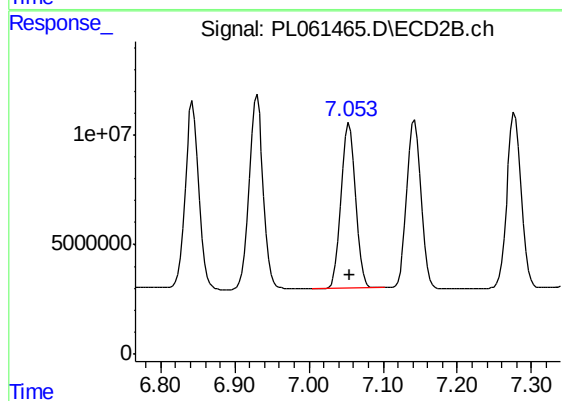
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 101372436  
Conc: 40.50 ng/ml



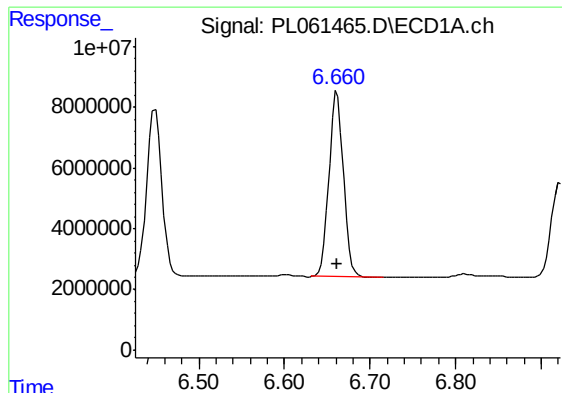
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 66646513  
Conc: 45.27 ng/ml



#18 Endrin aldehyde

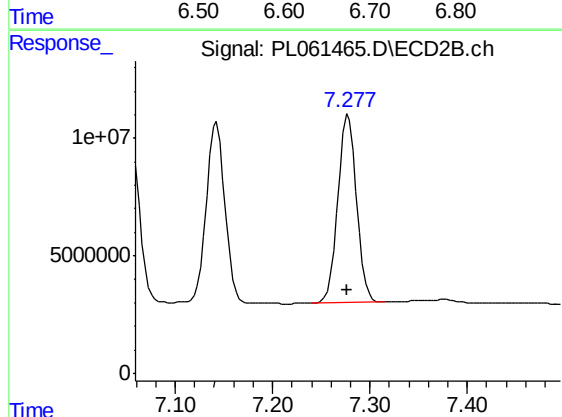
R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 99687038  
Conc: 40.75 ng/ml



#19 Endosulfan Sulfate

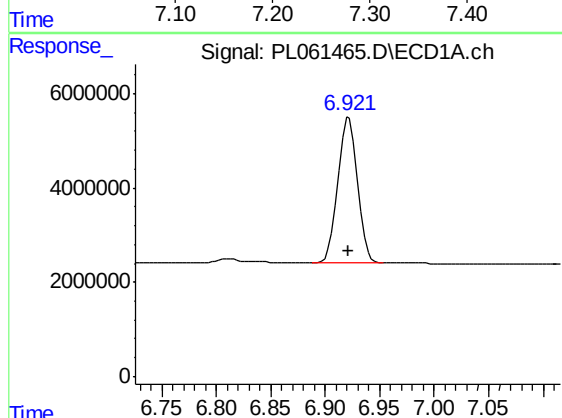
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 72503274  
Conc: 44.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



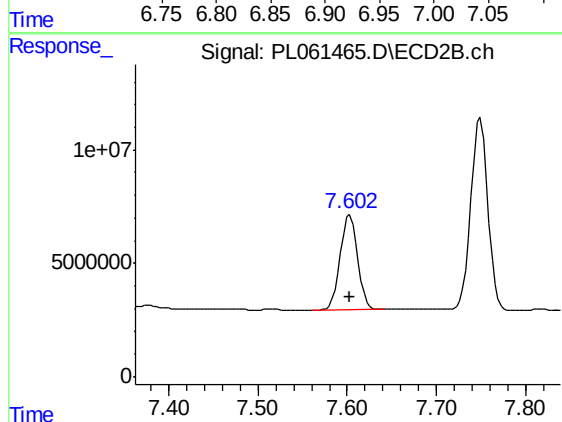
#19 Endosulfan Sulfate

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 107526981  
Conc: 39.30 ng/ml



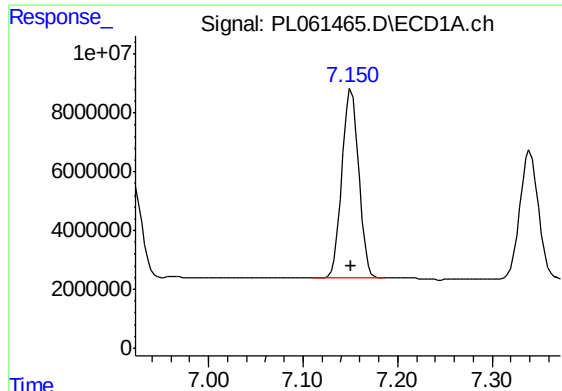
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 39034428  
Conc: 45.60 ng/ml



#20 Methoxychlor

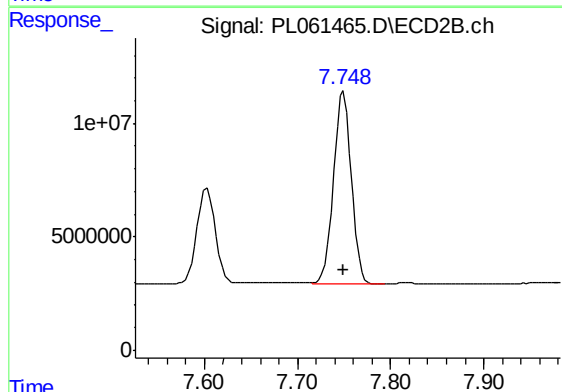
R.T.: 7.603 min  
Delta R.T.: 0.000 min  
Response: 57474197  
Conc: 39.96 ng/ml



#21 Endrin ketone

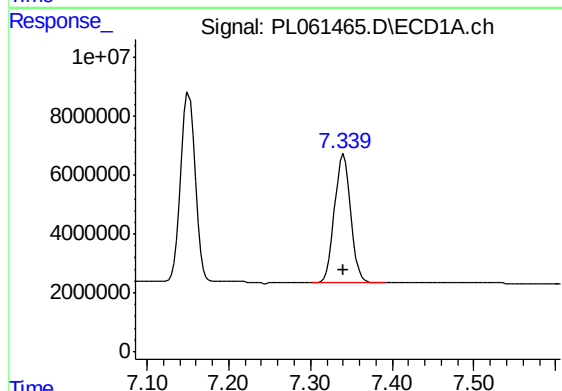
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 78981756  
Conc: 43.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



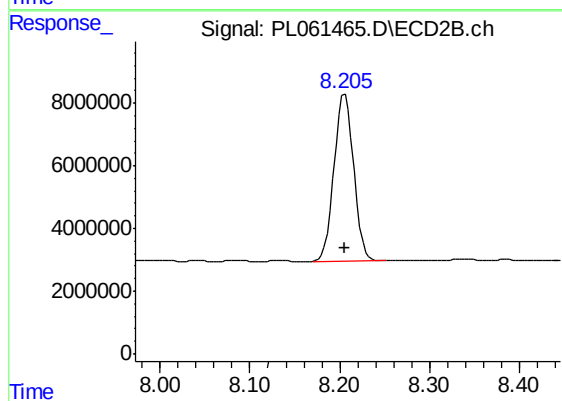
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 112555809  
Conc: 41.46 ng/ml



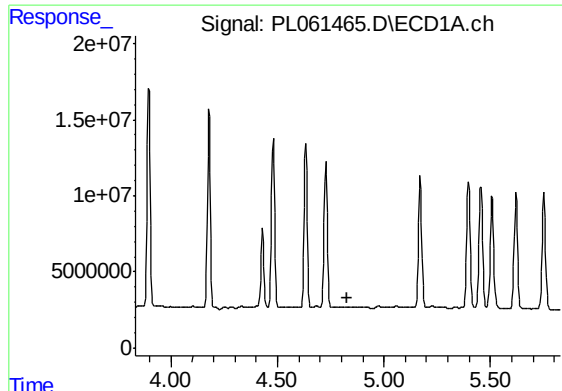
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 60602133  
Conc: 40.53 ng/ml



#22 Mirex

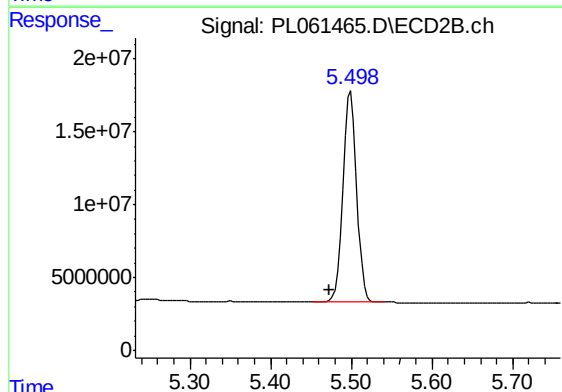
R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 81191224  
Conc: 42.17 ng/ml



#24 Chlordane-2

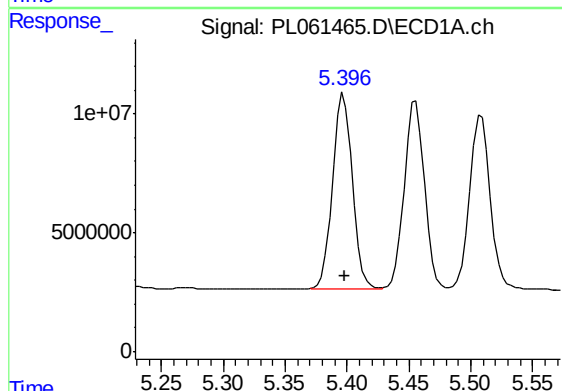
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



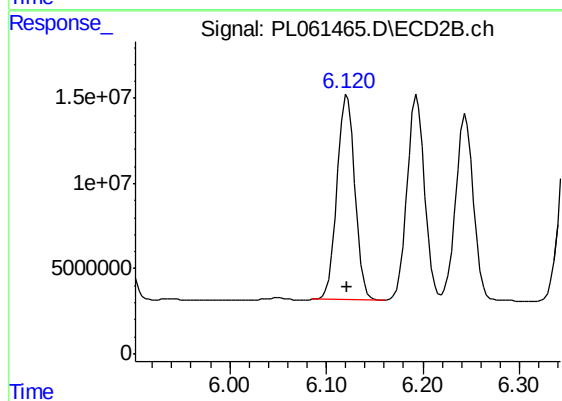
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.027 min  
Response: 174038595  
Conc: 1424.94 ng/ml



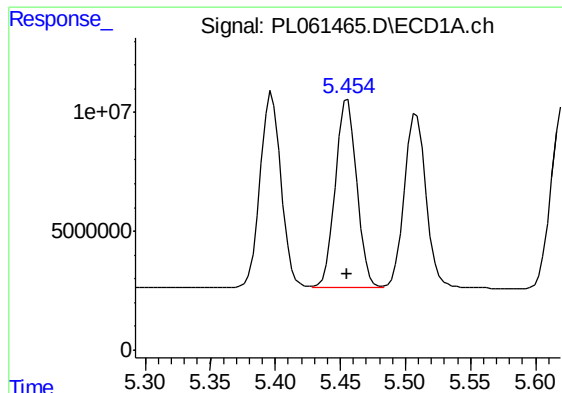
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 91303667  
Conc: 550.53 ng/ml



#25 Chlordane-3

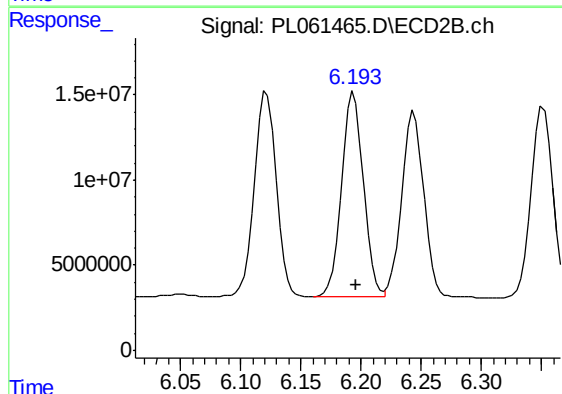
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 151634924  
Conc: 351.02 ng/ml



#26 Chlordane-4

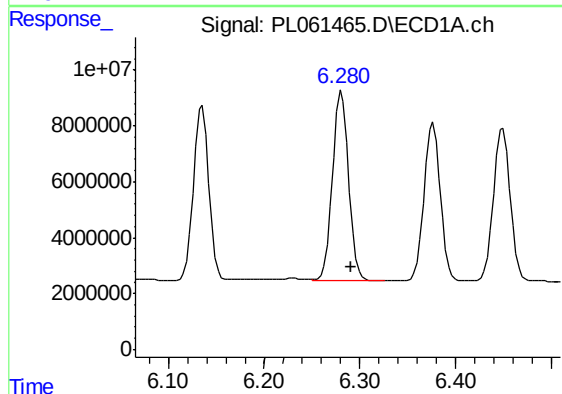
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 90603145  
Conc: 658.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



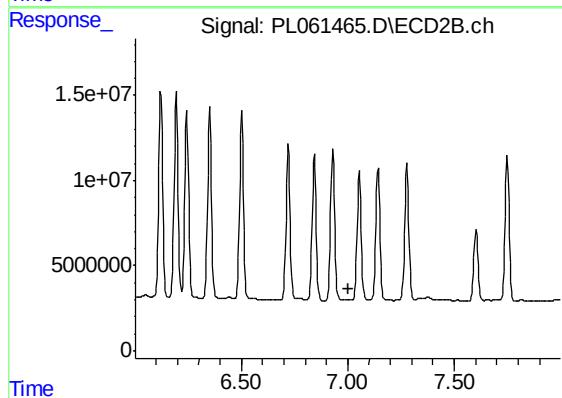
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 152996131  
Conc: 292.27 ng/ml



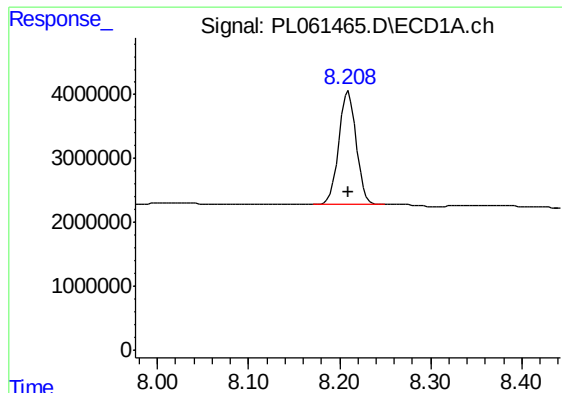
#27 Chlordane-5

R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 78834829  
Conc: 1402.58 ng/ml



#27 Chlordane-5

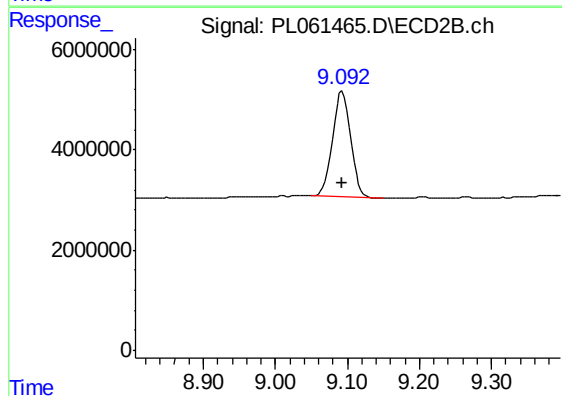
R.T.: 0.000 min  
Exp R.T. : 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 23646058  
Conc: 14.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-EF-01-TEST1-ABCD-BMSD



#28 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: 0.000 min  
Response: 36642349  
Conc: 15.50 ng/ml