

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033121\  
 Data File : PL065757.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 02:29  
 Operator : AR\AJ  
 Sample : M1874-03MSD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 16:50:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.279 | 3.783  | 44510235 | 63570983 | 17.086   | 23.159 #   |
| 28)                         | SA Decachlor... | 7.914 | 8.731  | 48763954 | 60315842 | 21.055   | 26.753 #   |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.703 | 4.167  | 219.1E6  | 224.6E6  | 53.581   | 55.274     |
| 3)                          | MA gamma-BHC... | 3.976 | 4.446  | 199.0E6  | 303.7E6  | 53.760   | 82.939 #   |
| 4)                          | MA Heptachlor   | 4.260 | 4.932  | 218.1E6  | 195.0E6  | 60.548   | 55.261     |
| 5)                          | MB Aldrin       | 4.497 | 5.228  | 203.1E6  | 352.2E6  | 59.491   | 106.678 #  |
| 6)                          | B beta-BHC      | 4.227 | 4.630  | 111.8E6  | 112.6E6  | 70.158   | 64.637     |
| 7)                          | B delta-BHC     | 4.419 | 4.839  | 55945007 | 29394011 | 15.552   | 9.855 #    |
| 8)                          | B Heptachlo...  | 4.929 | 5.614  | 200.6E6  | 243.8E6  | 63.805   | 78.498     |
| 9)                          | A Endosulfan I  | 5.255 | 5.965  | 205.1E6  | 148.3E6  | 71.172   | 54.009     |
| 10)                         | B gamma-Chl...  | 5.150 | 5.844  | 258.7E6  | 167.2E6  | 82.191   | 55.715 #   |
| 11)                         | B alpha-Chl...  | 5.205 | 5.915  | 265.7E6  | 164.6E6  | 85.388   | 55.634 #   |
| 12)                         | B 4,4'-DDE      | 5.372 | 6.079  | 189.5E6  | 167.9E6  | 68.677   | 64.266     |
| 13)                         | MA Dieldrin     | 5.494 | 6.221  | 173.7E6  | 163.2E6  | 59.471   | 57.904     |
| 14)                         | MA Endrin       | 5.743 | 6.436  | 166.4E6  | 151.4E6  | 61.618   | 60.777     |
| 15)                         | B Endosulfa...  | 6.015 | 6.653  | 175.5E6  | 329.6E6  | 70.677   | 139.460 #  |
| 16)                         | A 4,4'-DDD      | 5.878 | 6.570  | 332.7E6  | 282.9E6  | 146.645  | 134.227    |
| 17)                         | MA 4,4'-DDT     | 6.112 | 6.863  | 132.0E6  | 128.6E6  | 62.673   | 57.443     |
| 18)                         | B Endrin al...  | 6.182 | 6.777  | 123.7E6  | 132.5E6  | 65.384   | 69.804     |
| 19)                         | B Endosulfa...  | 6.392 | 6.999  | 121.1E6  | 129.2E6  | 46.937   | 53.257     |
| 20)                         | A Methoxychlor  | 6.658 | 7.328  | 63399896 | 124.3E6  | 50.503   | 98.150 #   |
| 21)                         | B Endrin ke...  | 6.870 | 7.465  | 156.7E6  | 174.2E6  | 57.146   | 67.779     |
| 22)                         | Mirex           | 7.042 | 7.900  | 79836595 | 98791052 | 38.122   | 50.615 #   |
| 23)                         | Chlordane-1     | 0.000 | 4.749  | 0        | 8796596  | N.D.     | 79.644 #   |
| 24)                         | Chlordane-2     | 4.609 | 5.228f | 98269336 | 352.2E6  | 855.009  | 3077.787 # |
| 25)                         | Chlordane-3     | 5.150 | 5.844  | 258.7E6  | 167.2E6  | 832.181  | 393.287 #  |
| 26)                         | Chlordane-4     | 5.205 | 5.915  | 265.7E6  | 164.6E6  | 930.540  | 325.423 #  |
| 27)                         | Chlordane-5     | 6.015 | 6.706  | 175.5E6  | 55906172 | 1716.115 | 670.526 #  |
| -----                       |                 |       |        |          |          |          |            |

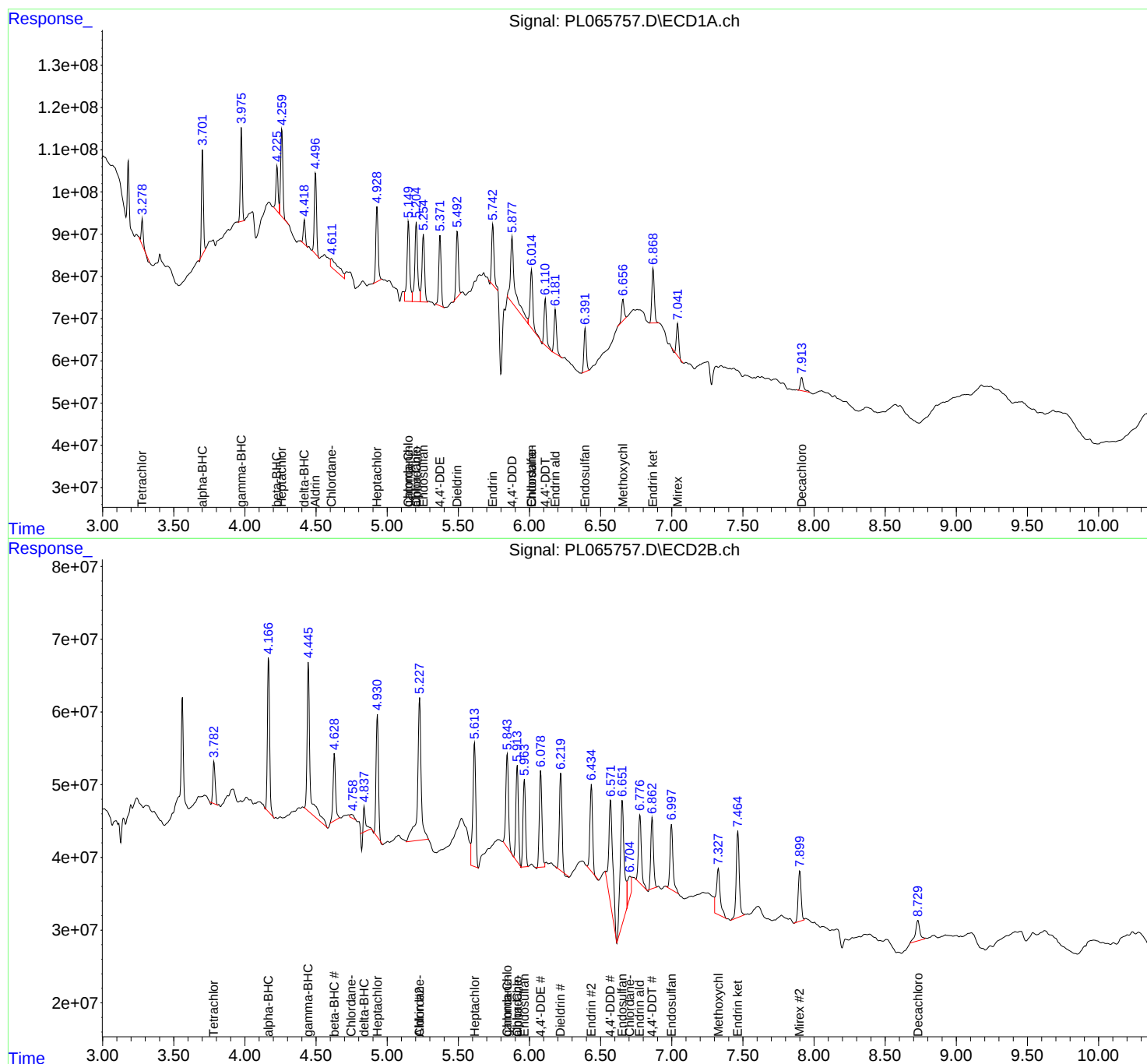
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

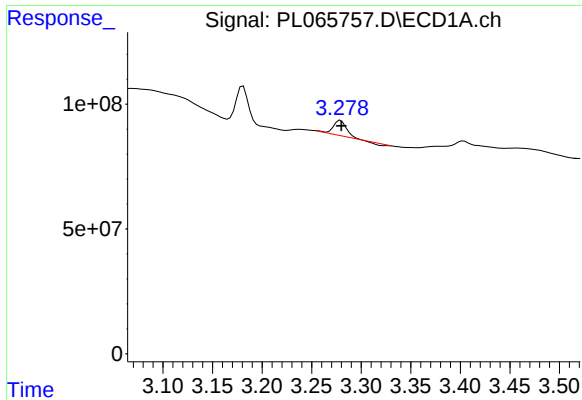
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033121\  
 Data File : PL065757.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 02:29  
 Operator : AR\AJ  
 Sample : M1874-03MSD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 16:50:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
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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

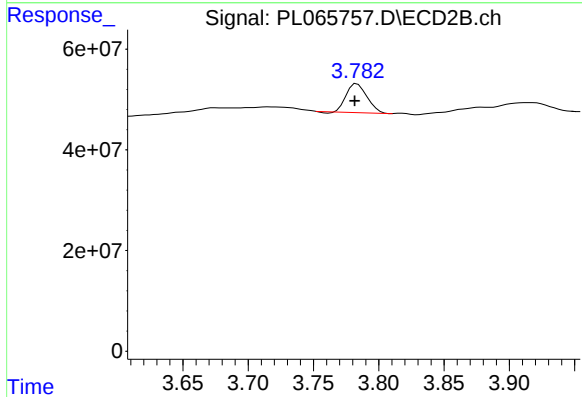




#1 Tetrachloro-m-xylene

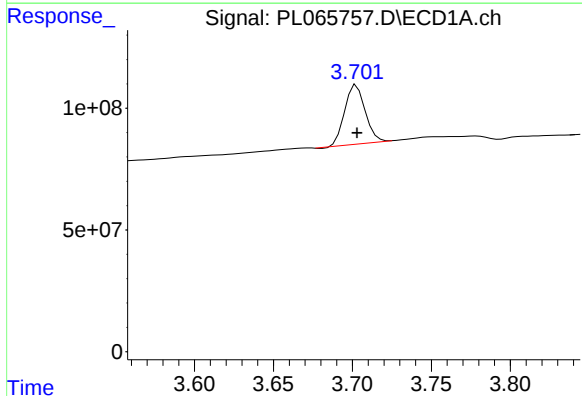
R.T.: 3.279 min  
Delta R.T.: 0.000 min  
Response: 44510235  
Conc: 17.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



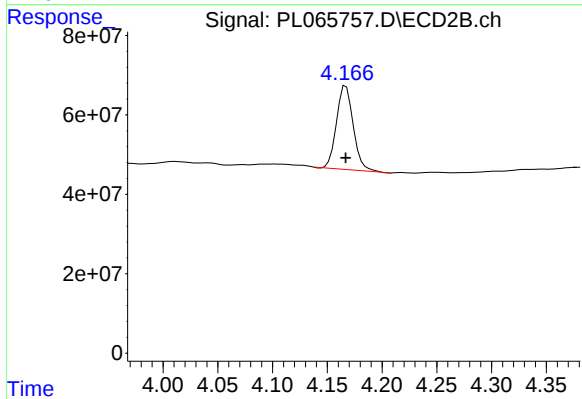
#1 Tetrachloro-m-xylene

R.T.: 3.783 min  
Delta R.T.: 0.002 min  
Response: 63570983  
Conc: 23.16 ng/ml



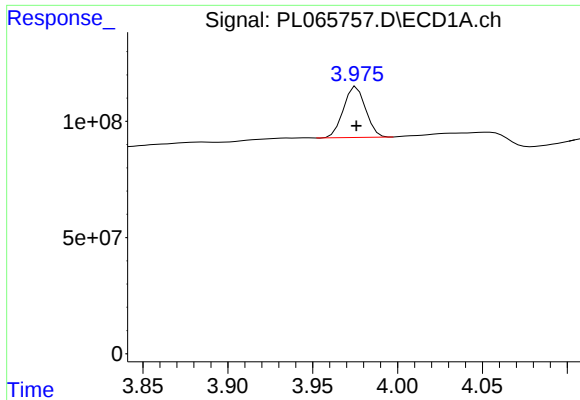
#2 alpha-BHC

R.T.: 3.703 min  
Delta R.T.: 0.000 min  
Response: 219137975  
Conc: 53.58 ng/ml



#2 alpha-BHC

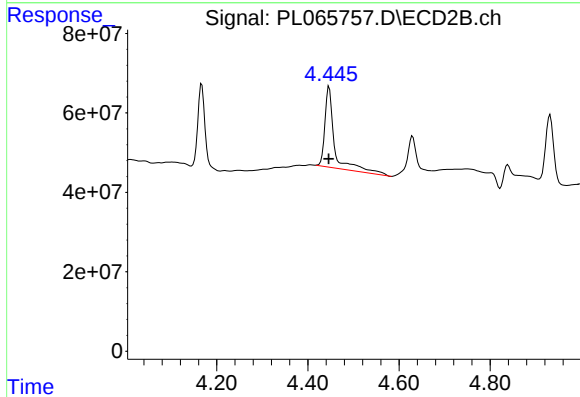
R.T.: 4.167 min  
Delta R.T.: 0.000 min  
Response: 224581078  
Conc: 55.27 ng/ml



#3 gamma-BHC (Lindane)

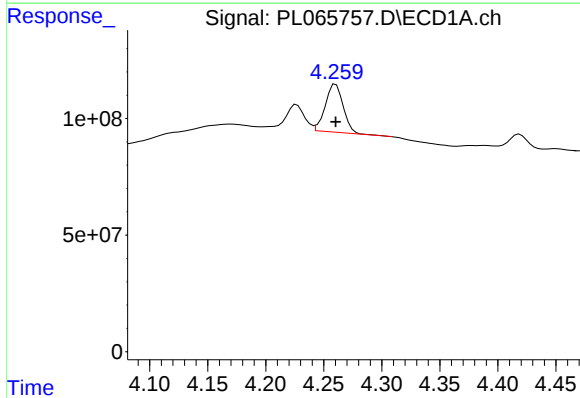
R.T.: 3.976 min  
Delta R.T.: 0.000 min  
Response: 199002696  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



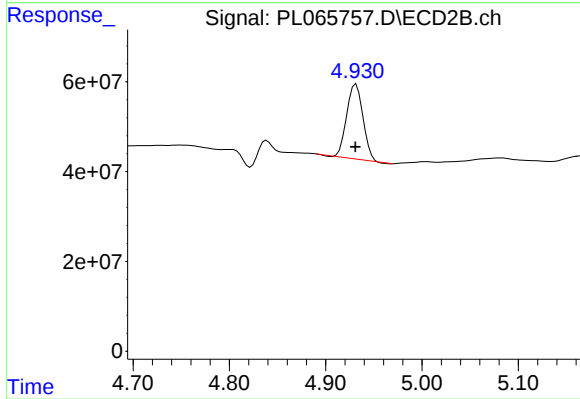
#3 gamma-BHC (Lindane)

R.T.: 4.446 min  
Delta R.T.: 0.000 min  
Response: 303655095  
Conc: 82.94 ng/ml



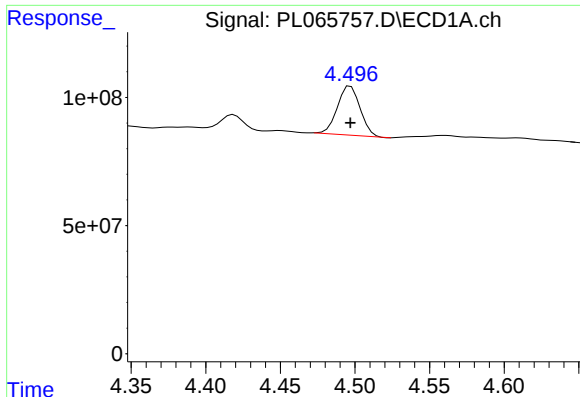
#4 Heptachlor

R.T.: 4.260 min  
Delta R.T.: 0.000 min  
Response: 218116134  
Conc: 60.55 ng/ml



#4 Heptachlor

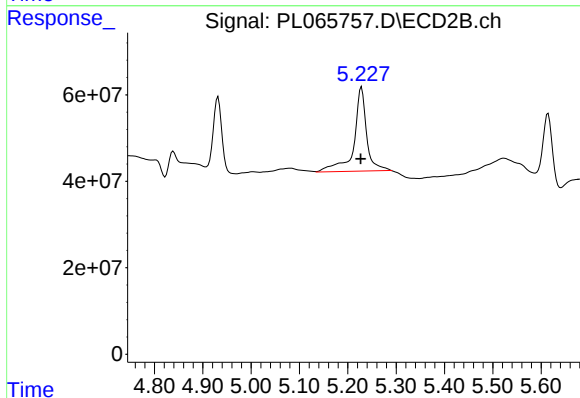
R.T.: 4.932 min  
Delta R.T.: 0.000 min  
Response: 195030250  
Conc: 55.26 ng/ml



#5 Aldrin

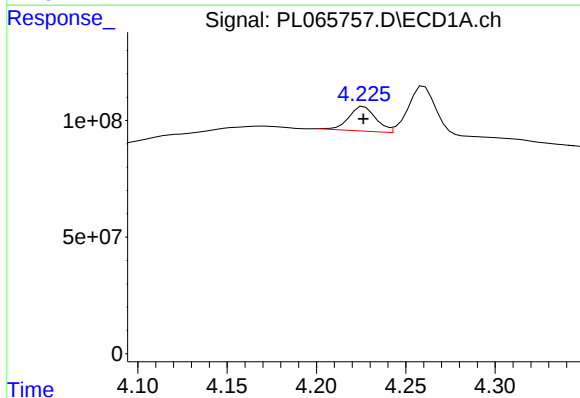
R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 203113379  
Conc: 59.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



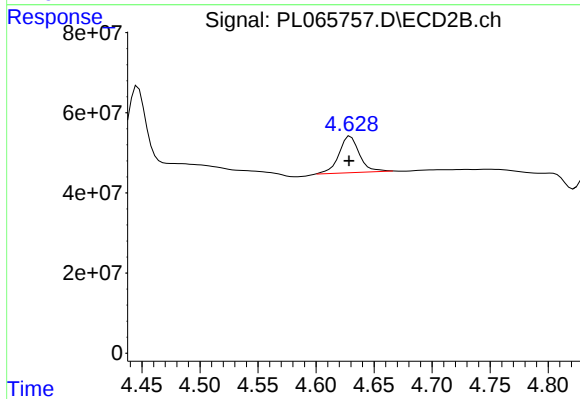
#5 Aldrin

R.T.: 5.228 min  
Delta R.T.: 0.001 min  
Response: 352216778  
Conc: 106.68 ng/ml



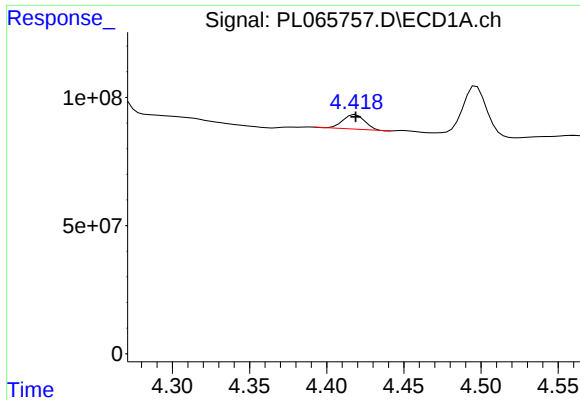
#6 beta-BHC

R.T.: 4.227 min  
Delta R.T.: 0.000 min  
Response: 111824585  
Conc: 70.16 ng/ml



#6 beta-BHC

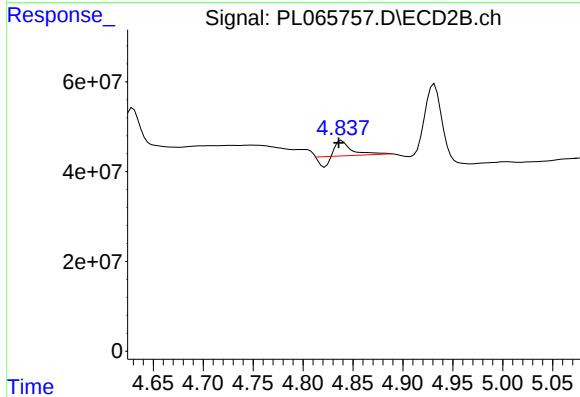
R.T.: 4.630 min  
Delta R.T.: 0.001 min  
Response: 112585541  
Conc: 64.64 ng/ml



#7 delta-BHC

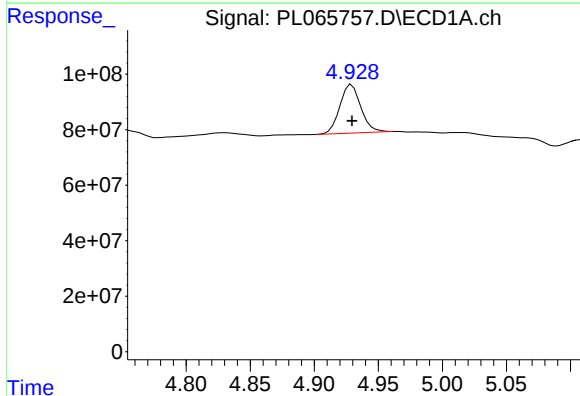
R.T.: 4.419 min  
Delta R.T.: 0.000 min  
Response: 55945007  
Conc: 15.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



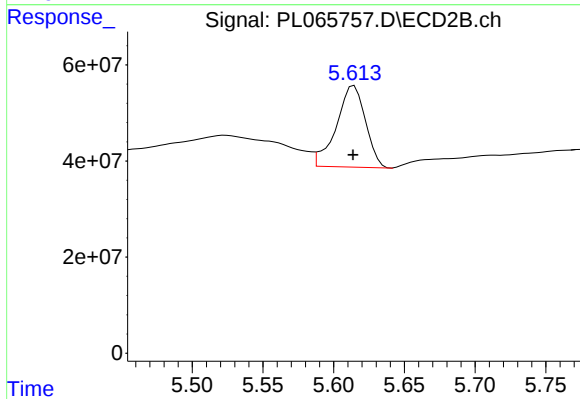
#7 delta-BHC

R.T.: 4.839 min  
Delta R.T.: 0.003 min  
Response: 29394011  
Conc: 9.86 ng/ml



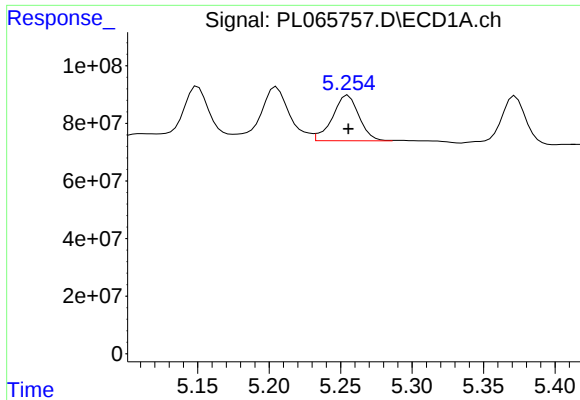
#8 Heptachlor epoxide

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 200634686  
Conc: 63.80 ng/ml



#8 Heptachlor epoxide

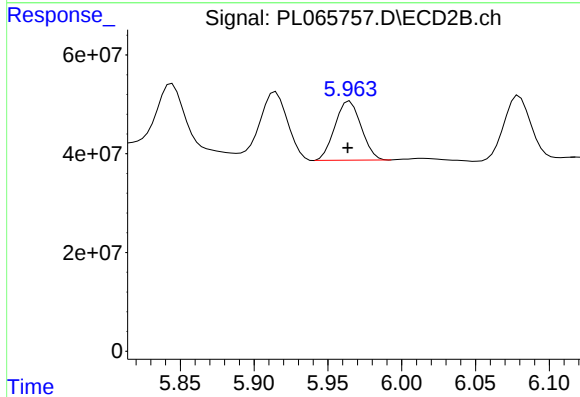
R.T.: 5.614 min  
Delta R.T.: 0.000 min  
Response: 243763948  
Conc: 78.50 ng/ml



#9 Endosulfan I

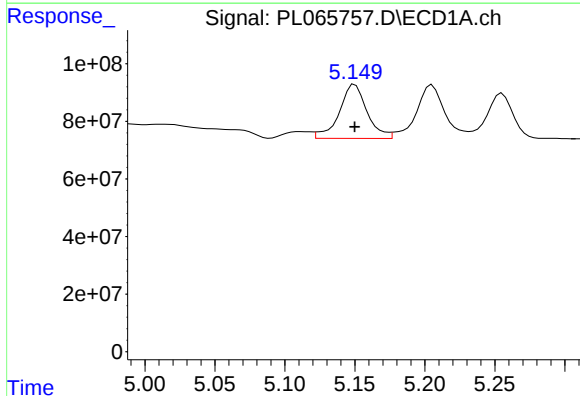
R.T.: 5.255 min  
Delta R.T.: 0.000 min  
Response: 205094333  
Conc: 71.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



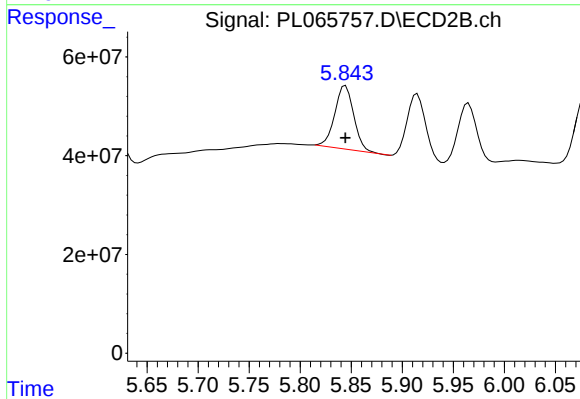
#9 Endosulfan I

R.T.: 5.965 min  
Delta R.T.: 0.001 min  
Response: 148271769  
Conc: 54.01 ng/ml



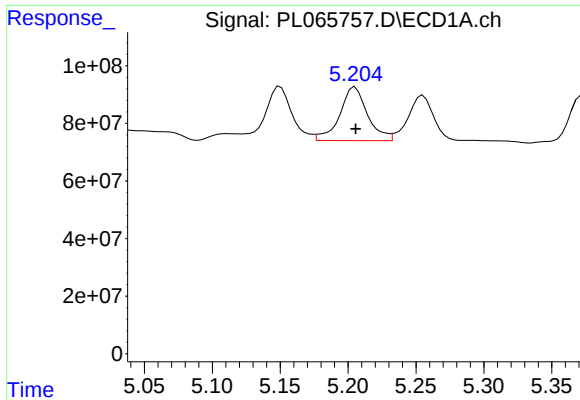
#10 gamma-Chlordane

R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 258650016  
Conc: 82.19 ng/ml



#10 gamma-Chlordane

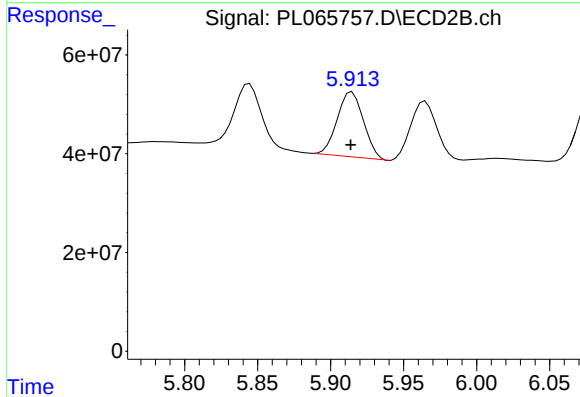
R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 167163532  
Conc: 55.72 ng/ml



#11 alpha-Chlordane

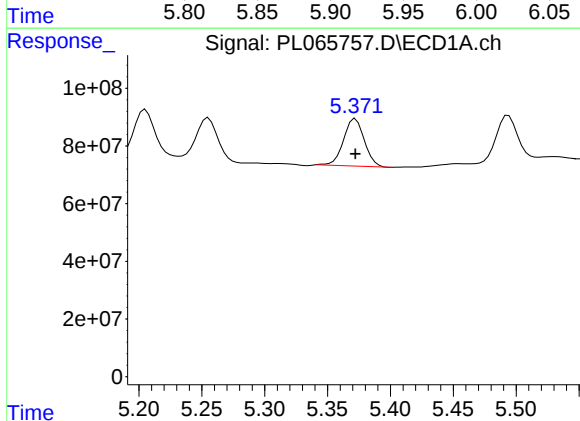
R.T.: 5.205 min  
Delta R.T.: 0.000 min  
Response: 265681929  
Conc: 85.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



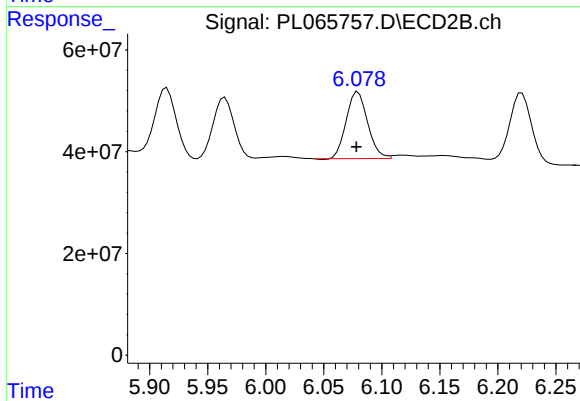
#11 alpha-Chlordane

R.T.: 5.915 min  
Delta R.T.: 0.000 min  
Response: 164625391  
Conc: 55.63 ng/ml



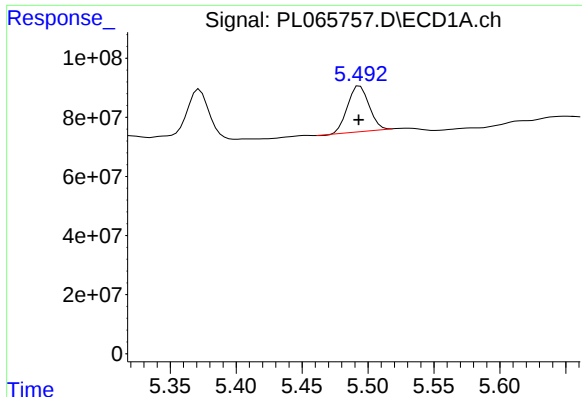
#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 189482113  
Conc: 68.68 ng/ml



#12 4,4'-DDE

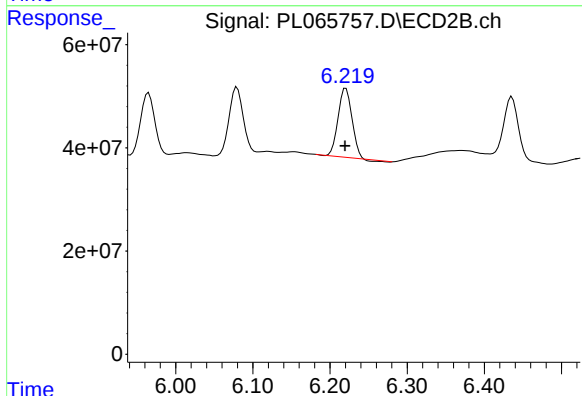
R.T.: 6.079 min  
Delta R.T.: 0.001 min  
Response: 167897999  
Conc: 64.27 ng/ml



#13 Dieldrin

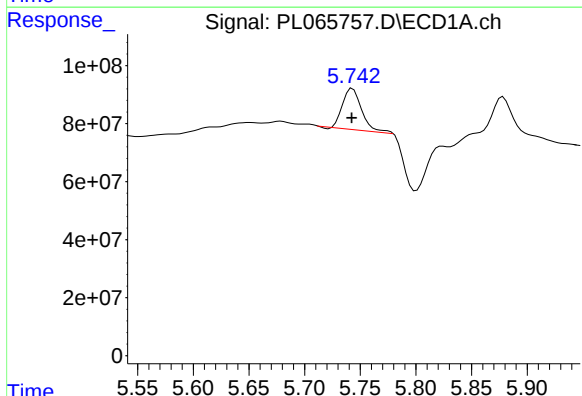
R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 173749827  
Conc: 59.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



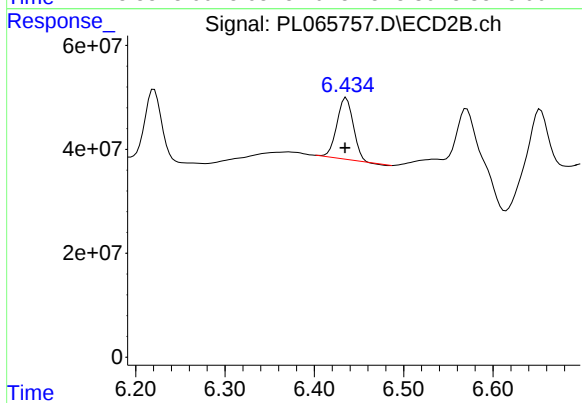
#13 Dieldrin

R.T.: 6.221 min  
Delta R.T.: 0.001 min  
Response: 163189822  
Conc: 57.90 ng/ml



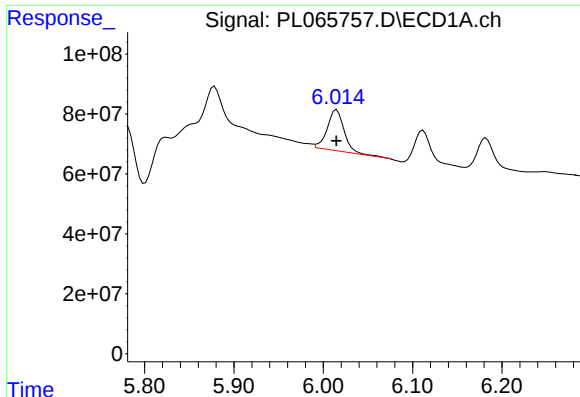
#14 Endrin

R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 166367507  
Conc: 61.62 ng/ml



#14 Endrin

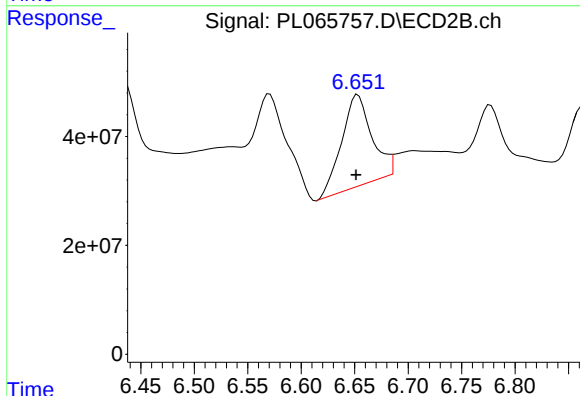
R.T.: 6.436 min  
Delta R.T.: 0.001 min  
Response: 151381780  
Conc: 60.78 ng/ml



#15 Endosulfan II

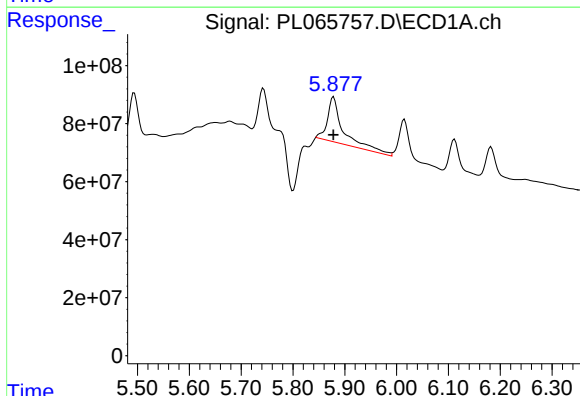
R.T.: 6.015 min  
Delta R.T.: 0.000 min  
Response: 175529238  
Conc: 70.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



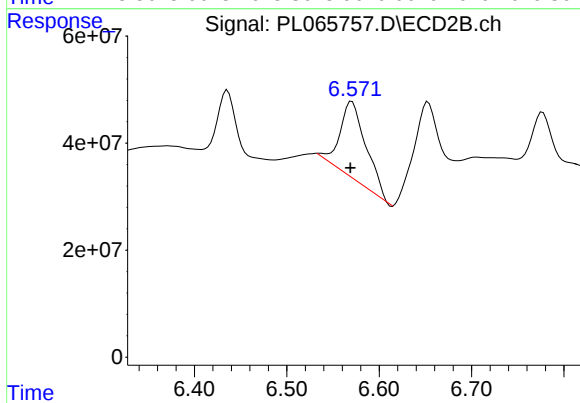
#15 Endosulfan II

R.T.: 6.653 min  
Delta R.T.: 0.002 min  
Response: 329603658  
Conc: 139.46 ng/ml



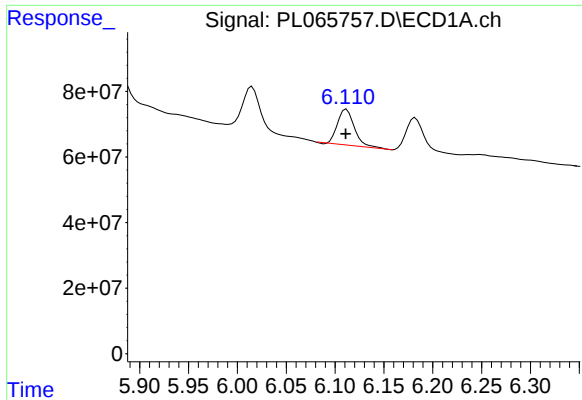
#16 4,4'-DDD

R.T.: 5.878 min  
Delta R.T.: 0.000 min  
Response: 332741892  
Conc: 146.65 ng/ml



#16 4,4'-DDD

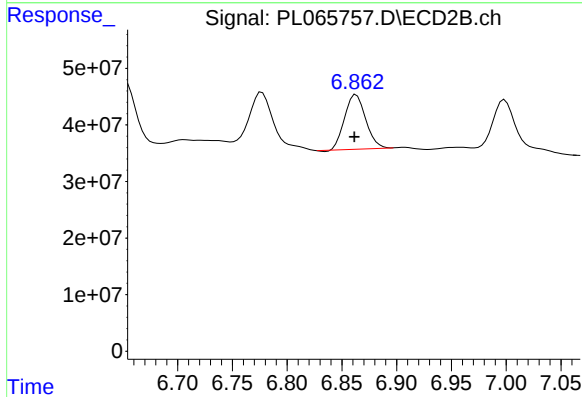
R.T.: 6.570 min  
Delta R.T.: 0.002 min  
Response: 282913085  
Conc: 134.23 ng/ml



#17 4,4'-DDT

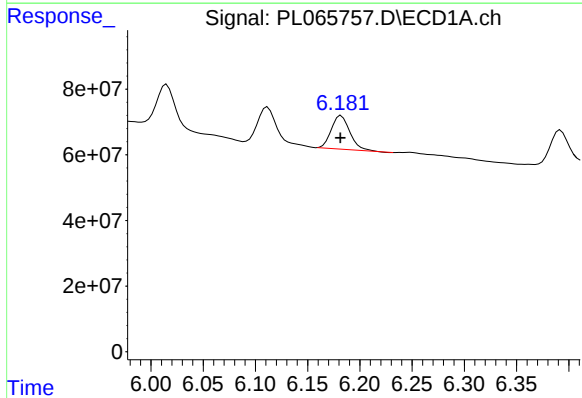
R.T.: 6.112 min  
Delta R.T.: 0.000 min  
Response: 132041186  
Conc: 62.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



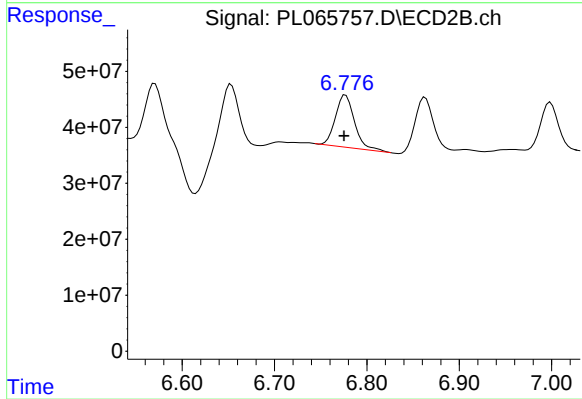
#17 4,4'-DDT

R.T.: 6.863 min  
Delta R.T.: 0.002 min  
Response: 128620176  
Conc: 57.44 ng/ml



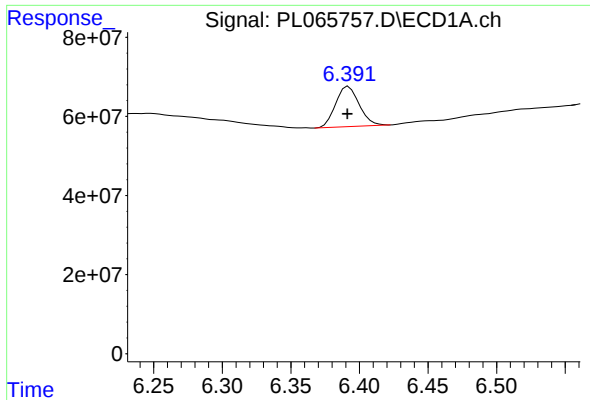
#18 Endrin aldehyde

R.T.: 6.182 min  
Delta R.T.: 0.000 min  
Response: 123714042  
Conc: 65.38 ng/ml



#18 Endrin aldehyde

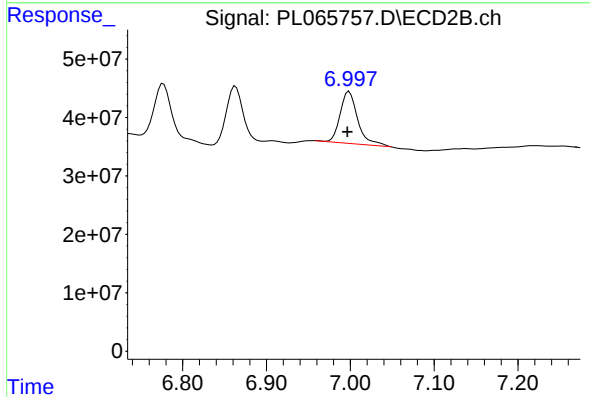
R.T.: 6.777 min  
Delta R.T.: 0.002 min  
Response: 132450608  
Conc: 69.80 ng/ml



#19 Endosulfan Sulfate

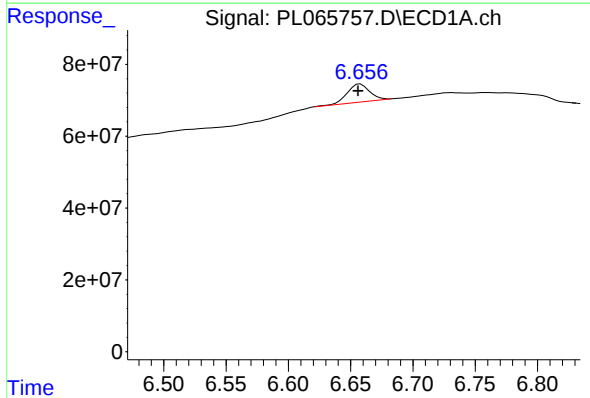
R.T.: 6.392 min  
Delta R.T.: 0.000 min  
Response: 121109995  
Conc: 46.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



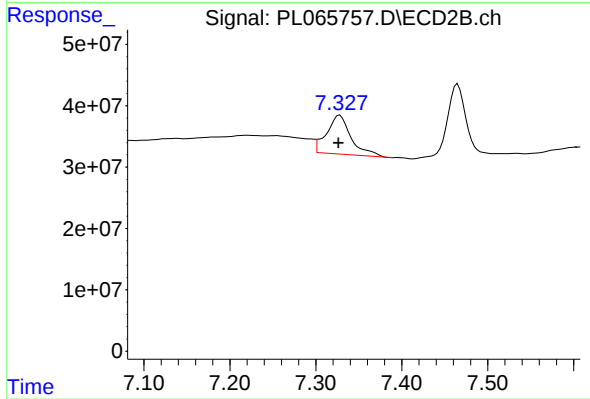
#19 Endosulfan Sulfate

R.T.: 6.999 min  
Delta R.T.: 0.002 min  
Response: 129199930  
Conc: 53.26 ng/ml



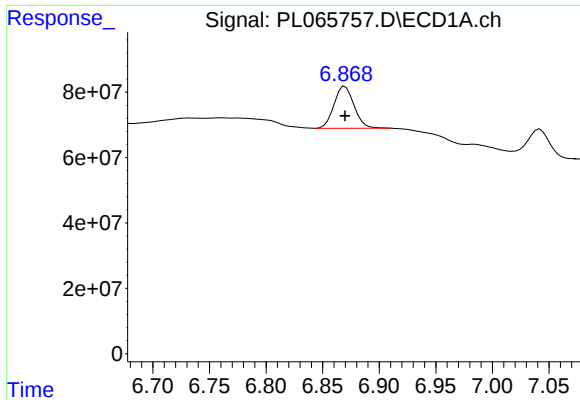
#20 Methoxychlor

R.T.: 6.658 min  
Delta R.T.: 0.002 min  
Response: 63399896  
Conc: 50.50 ng/ml



#20 Methoxychlor

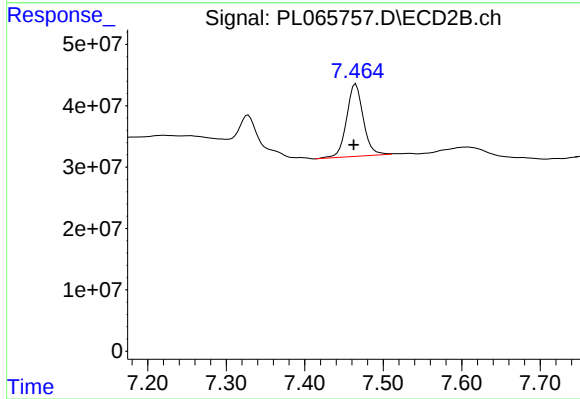
R.T.: 7.328 min  
Delta R.T.: 0.002 min  
Response: 124310241  
Conc: 98.15 ng/ml



#21 Endrin ketone

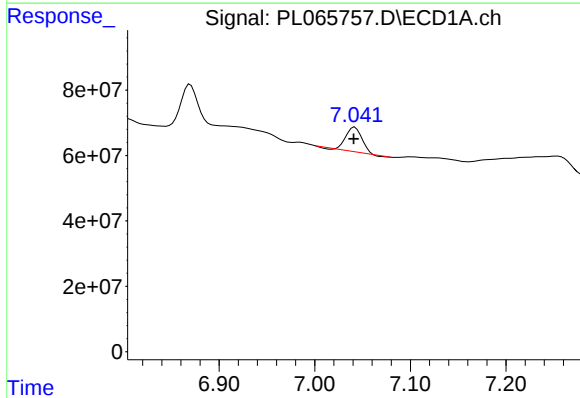
R.T.: 6.870 min  
Delta R.T.: 0.000 min  
Response: 156716887  
Conc: 57.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



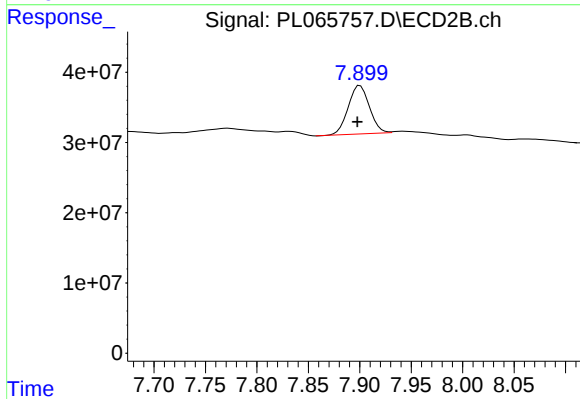
#21 Endrin ketone

R.T.: 7.465 min  
Delta R.T.: 0.003 min  
Response: 174211230  
Conc: 67.78 ng/ml



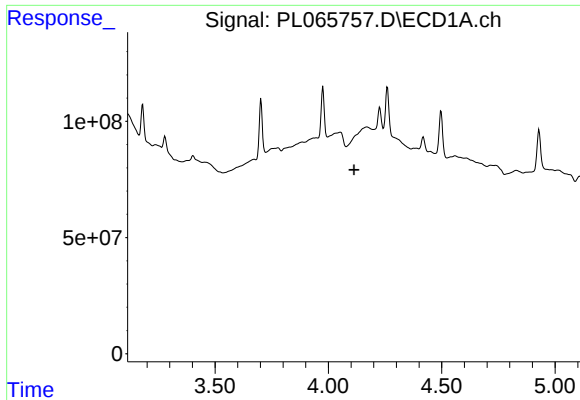
#22 Mirex

R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 79836595  
Conc: 38.12 ng/ml



#22 Mirex

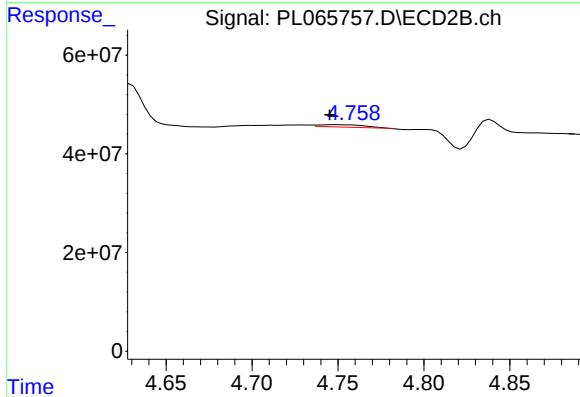
R.T.: 7.900 min  
Delta R.T.: 0.002 min  
Response: 98791052  
Conc: 50.61 ng/ml



#23 Chlordane-1

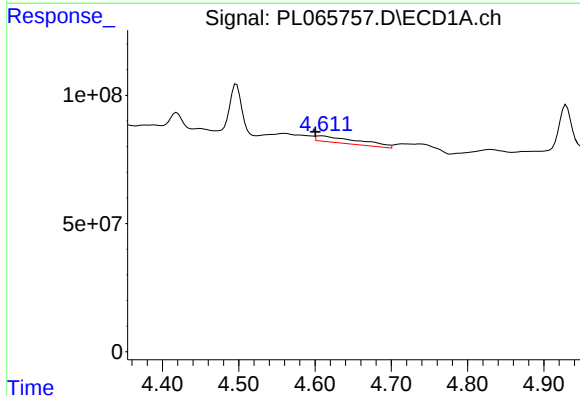
R.T.: 0.000 min  
Exp R.T.: 4.114 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



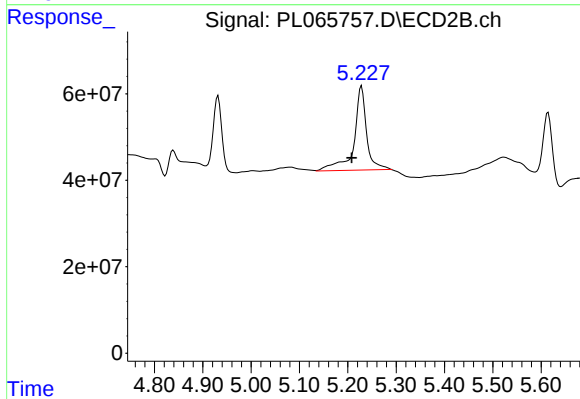
#23 Chlordane-1

R.T.: 4.749 min  
Delta R.T.: 0.003 min  
Response: 8796596  
Conc: 79.64 ng/ml



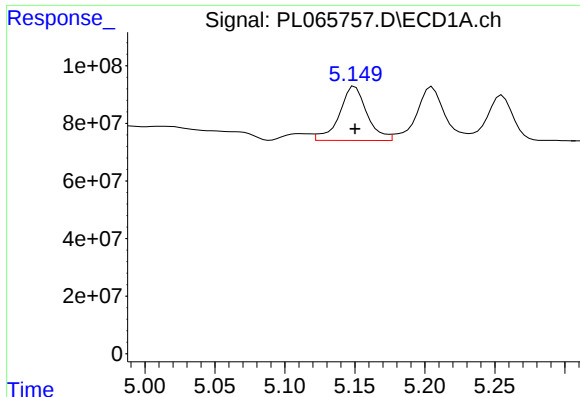
#24 Chlordane-2

R.T.: 4.609 min  
Delta R.T.: 0.009 min  
Response: 98269336  
Conc: 855.01 ng/ml



#24 Chlordane-2

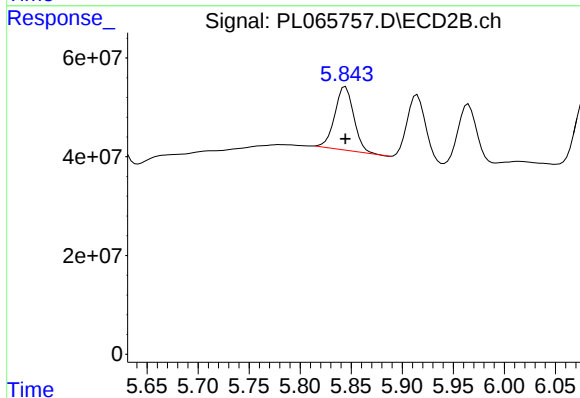
R.T.: 5.228 min  
Delta R.T.: 0.020 min  
Response: 352216778  
Conc: 3077.79 ng/ml



#25 Chlordane-3

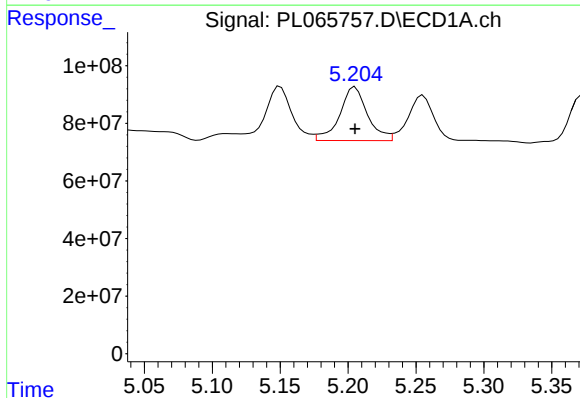
R.T.: 5.150 min  
Delta R.T.: 0.000 min  
Response: 258650016  
Conc: 832.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



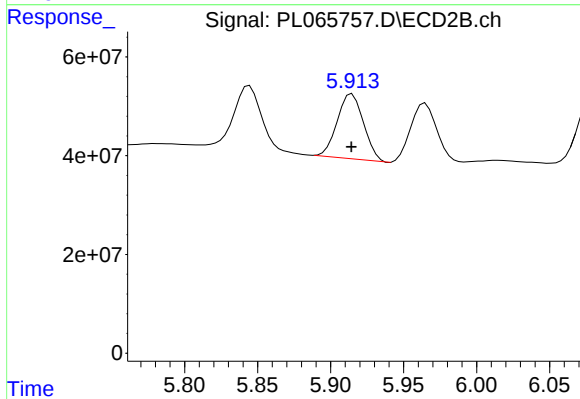
#25 Chlordane-3

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 167163532  
Conc: 393.29 ng/ml



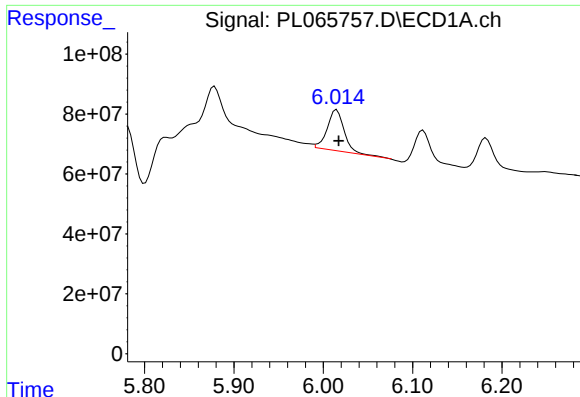
#26 Chlordane-4

R.T.: 5.205 min  
Delta R.T.: 0.000 min  
Response: 265681929  
Conc: 930.54 ng/ml



#26 Chlordane-4

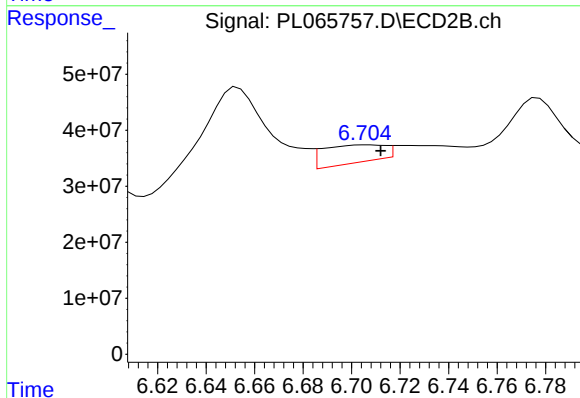
R.T.: 5.915 min  
Delta R.T.: 0.000 min  
Response: 164625391  
Conc: 325.42 ng/ml



#27 Chlordane-5

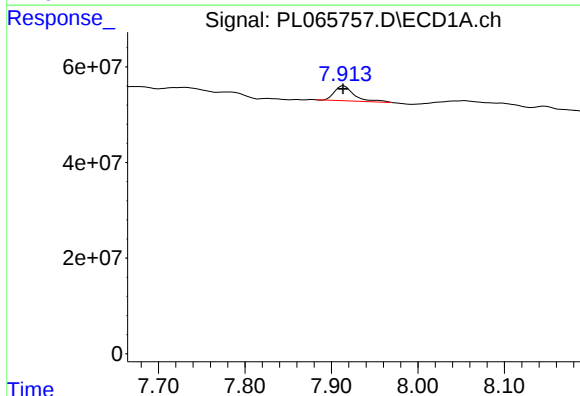
R.T.: 6.015 min  
Delta R.T.: -0.002 min  
Response: 175529238  
Conc: 1716.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



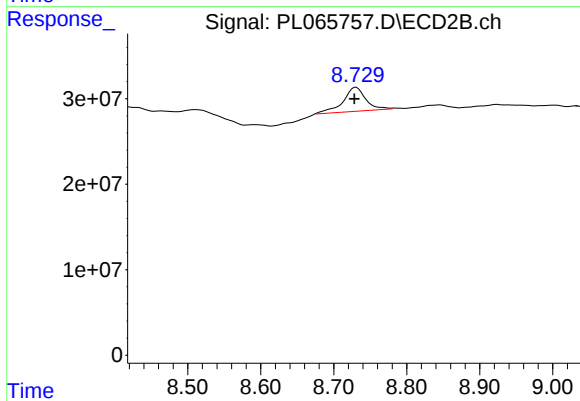
#27 Chlordane-5

R.T.: 6.706 min  
Delta R.T.: -0.006 min  
Response: 55906172  
Conc: 670.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.000 min  
Response: 48763954  
Conc: 21.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: 0.002 min  
Response: 60315842  
Conc: 26.75 ng/ml