

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070519\  
 Data File : PL050205.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jul 2019 13:24  
 Operator : SM\AJ  
 Sample : K3682-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 05 23:06:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 2019  
 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... | 3.332  | 3.917f | 689.3E6   | 423.9E6  | 61.117  | 138.438 #  |
| 28)                         | SA Decachlor... | 7.984  | 8.964  | 155.0E6   | 74027280 | 12.198  | 22.051 #   |
| Target Compounds            |                 |        |        |           |          |         |            |
| 2)                          | A alpha-BHC     | 3.734f | 4.344f | 56659661  | 28511257 | 3.016   | 6.369 #    |
| 3)                          | MA gamma-BHC... | 4.031  | 4.585f | 107.2E6   | 36535149 | 6.046   | 8.808 #    |
| 4)                          | MA Heptachlor   | 4.325  | 5.130f | 180.9E6   | 64110121 | 9.953   | 14.811 #   |
| 5)                          | MB Aldrin       | 4.577f | 0.000  | 138.8E6   | 0        | 8.039   | N.D. #     |
| 6)                          | B beta-BHC      | 4.296  | 4.796  | 137.9E6   | 4654429  | 18.850  | 2.403 #    |
| 7)                          | B delta-BHC     | 4.476  | 4.982f | 103.9E6   | 39628904 | 5.811   | 10.061 #   |
| 9)                          | A Endosulfan I  | 5.332  | 0.000  | 91099017  | 0        | 5.888   | N.D. #     |
| 10)                         | B gamma-Chl...  | 5.224  | 6.019f | 698.3E6   | 3841.4E6 | 40.863  | 1030.860 # |
| 11)                         | B alpha-Chl...  | 5.268  | 6.081f | 83329161  | 751.6E6  | 5.020   | 203.211 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.254  | 0         | 47707118 | N.D.    | 13.748 #   |
| 13)                         | MA Dieldrin     | 5.541f | 6.404  | 12921.0E6 | 69449860 | 775.673 | 19.577 #   |
| 14)                         | MA Endrin       | 5.788f | 0.000  | 310.2E6   | 0        | 19.373  | N.D. #     |
| 15)                         | B Endosulfa...  | 6.100  | 6.826  | 352.2E6   | 76169491 | 24.170  | 23.648     |
| 16)                         | A 4,4'-DDD      | 5.947  | 6.747  | 1711.6E6  | 221.1E6  | 135.580 | 84.583 #   |
| 17)                         | MA 4,4'-DDT     | 6.181  | 7.062  | 75852248  | 9954444  | 5.714   | 3.399 #    |
| 18)                         | B Endrin al...  | 6.224f | 6.954  | 769.2E6   | 67340311 | 65.122  | 24.520 #   |
| 19)                         | B Endosulfa...  | 6.467  | 0.000  | 49133286  | 0        | 3.790   | N.D. #     |
| 20)                         | A Methoxychlor  | 6.707f | 7.518  | 76307689  | 16368029 | 11.707  | 9.820      |
| 21)                         | B Endrin ke...  | 6.974f | 7.656  | 82923645  | 17627163 | 5.900   | 5.657      |
| 22)                         | Mirex           | 7.120  | 8.091f | 25402525  | 23062684 | 2.457   | 9.120 #    |
| 23)                         | Chlordane-1     | 0.000  | 4.914  | 0         | 6182113  | N.D.    | 42.065 #   |
| 24)                         | Chlordane-2     | 4.625f | 5.376  | 65531378  | 17870240 | 112.205 | 115.039    |
| 25)                         | Chlordane-3     | 5.224  | 6.019f | 698.3E6   | 3841.4E6 | 371.791 | 7719.551 # |
| 26)                         | Chlordane-4     | 5.268  | 6.081f | 83329161  | 751.6E6  | 47.749  | 1264.528 # |
| 27)                         | Chlordane-5     | 6.100  | 6.898  | 352.2E6   | 34924637 | 627.555 | 307.675 #  |
| -----                       |                 |        |        |           |          |         |            |

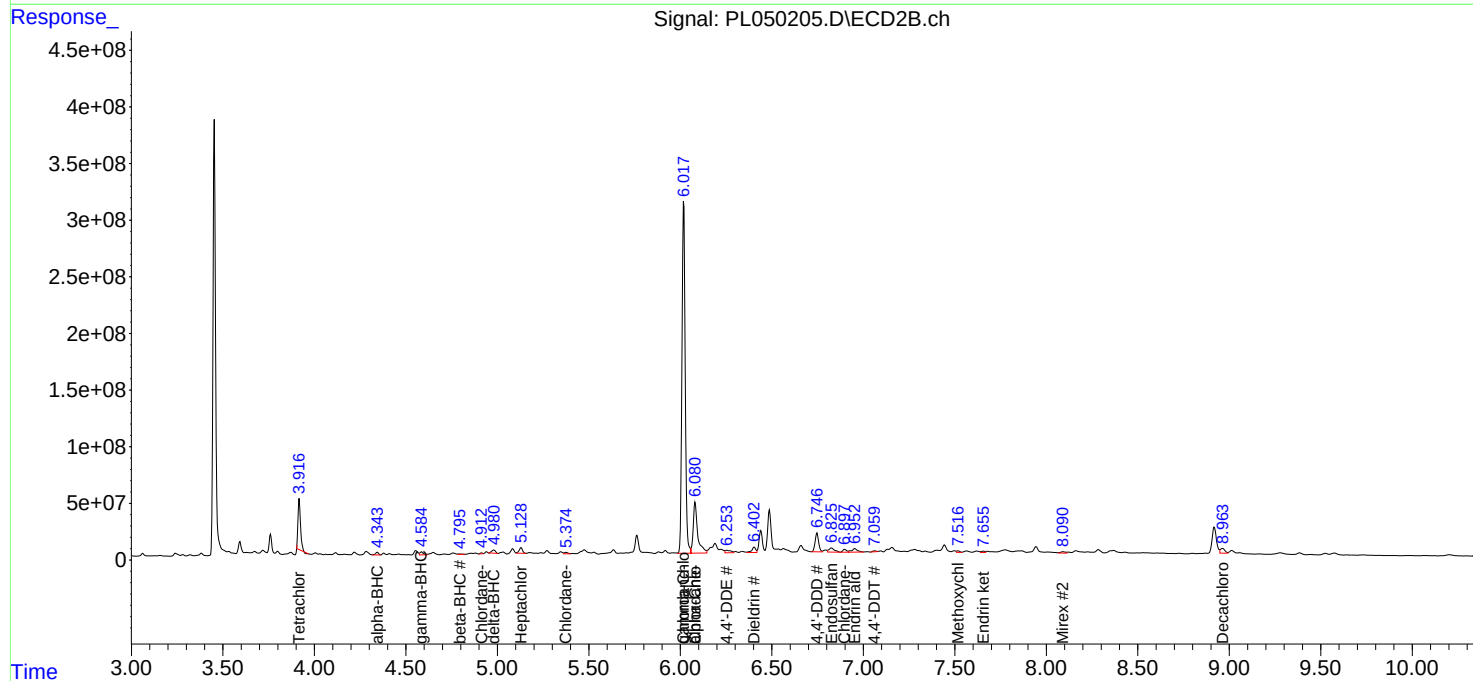
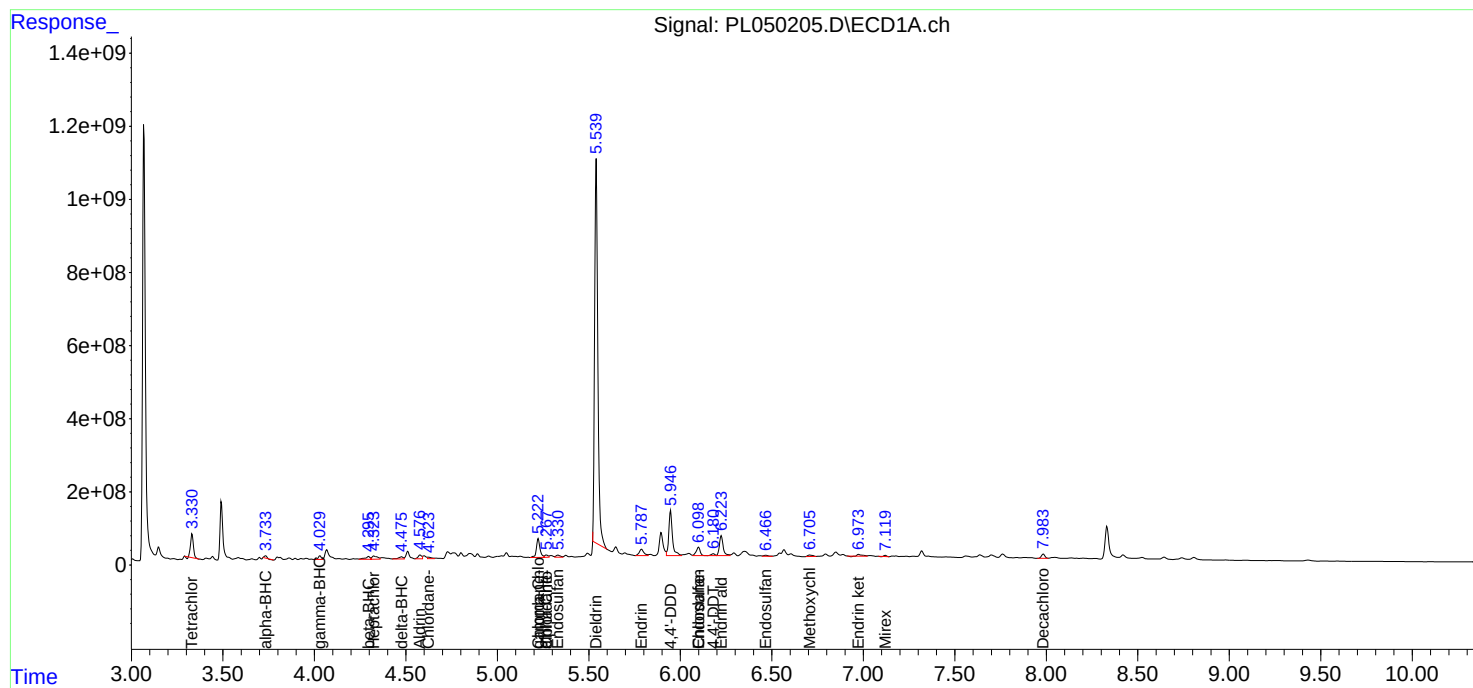
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

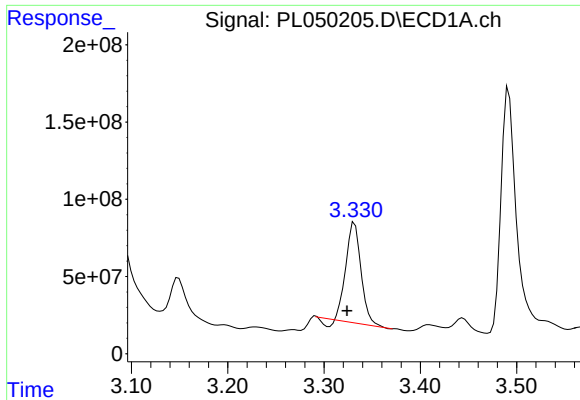
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070519\  
Data File : PL050205.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jul 2019 13:24  
Operator : SM\AJ  
Sample : K3682-01  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 05 23:06:23 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 2019  
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

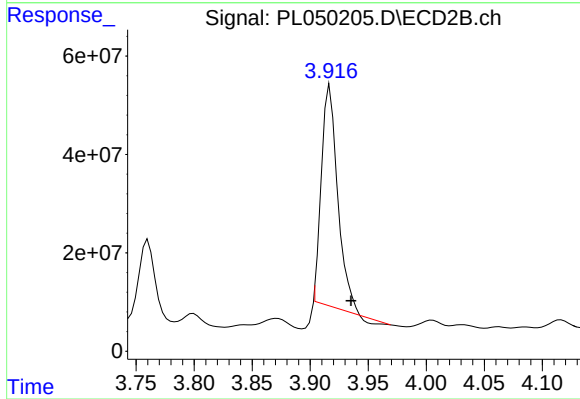




#1 Tetrachloro-m-xylene

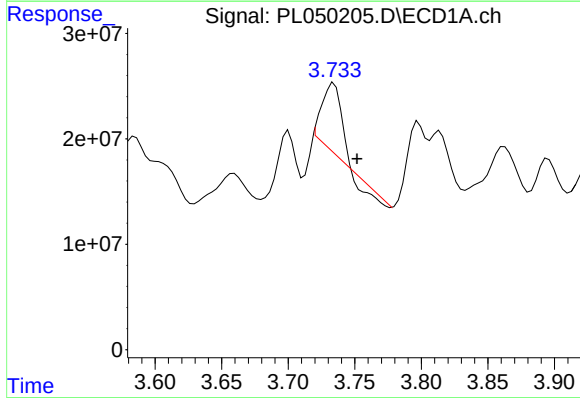
R.T.: 3.332 min  
Delta R.T.: 0.008 min  
Response: 689253328  
Conc: 61.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



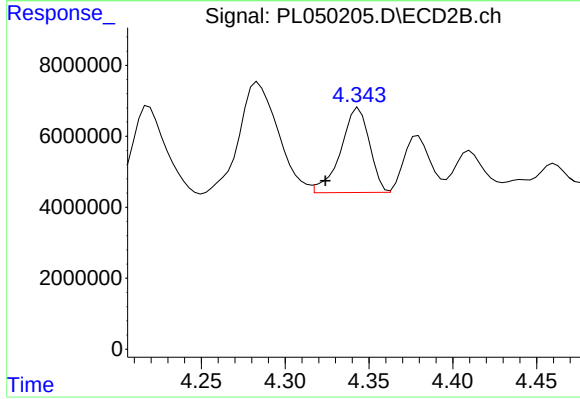
#1 Tetrachloro-m-xylene

R.T.: 3.917 min  
Delta R.T.: -0.018 min  
Response: 423864925  
Conc: 138.44 ng/ml



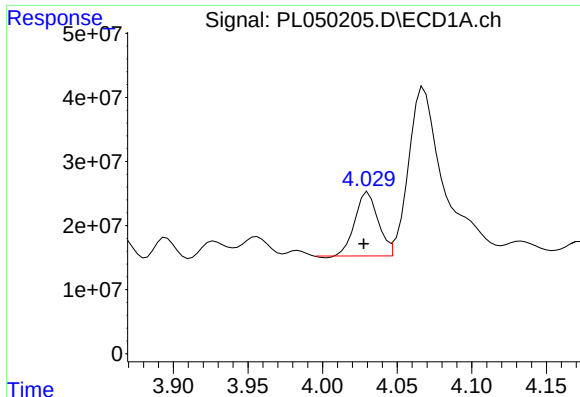
#2 alpha-BHC

R.T.: 3.734 min  
Delta R.T.: -0.017 min  
Response: 56659661  
Conc: 3.02 ng/ml



#2 alpha-BHC

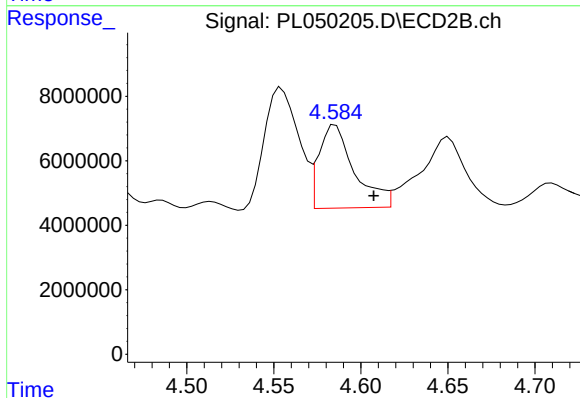
R.T.: 4.344 min  
Delta R.T.: 0.020 min  
Response: 28511257  
Conc: 6.37 ng/ml



#3 gamma-BHC (Lindane)

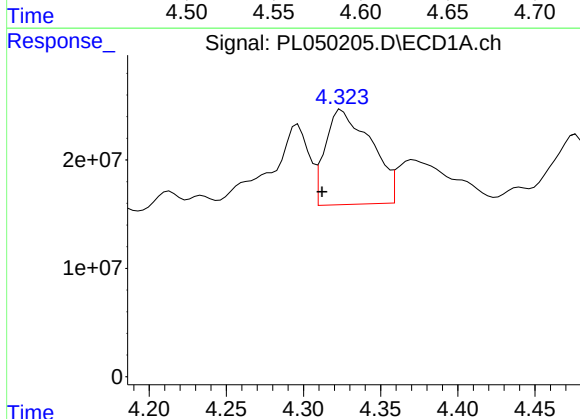
R.T.: 4.031 min  
Delta R.T.: 0.003 min  
Response: 107200585  
Conc: 6.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



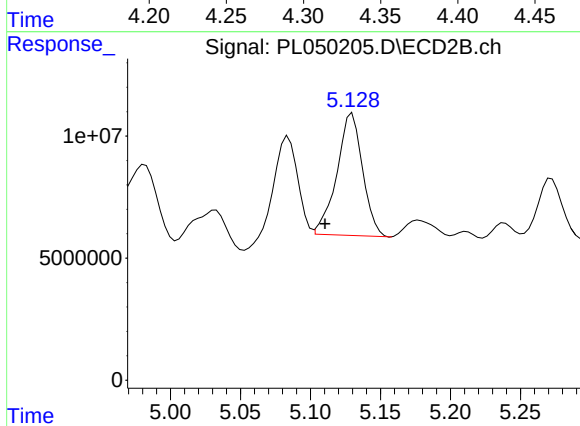
#3 gamma-BHC (Lindane)

R.T.: 4.585 min  
Delta R.T.: -0.022 min  
Response: 36535149  
Conc: 8.81 ng/ml



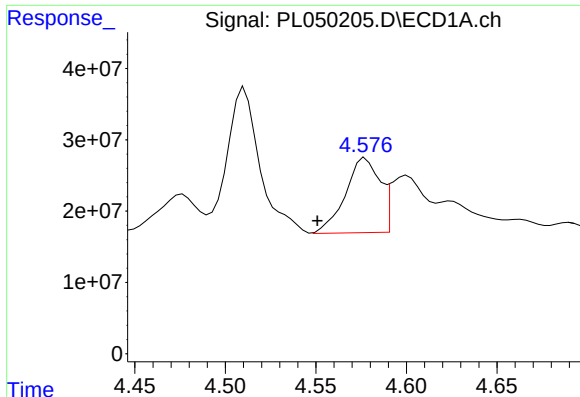
#4 Heptachlor

R.T.: 4.325 min  
Delta R.T.: 0.013 min  
Response: 180908269  
Conc: 9.95 ng/ml



#4 Heptachlor

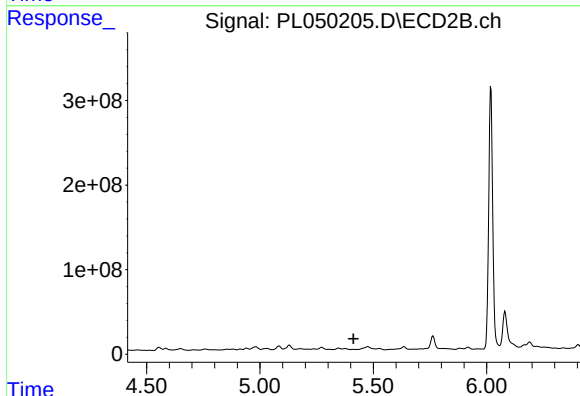
R.T.: 5.130 min  
Delta R.T.: 0.019 min  
Response: 64110121  
Conc: 14.81 ng/ml



#5 Aldrin

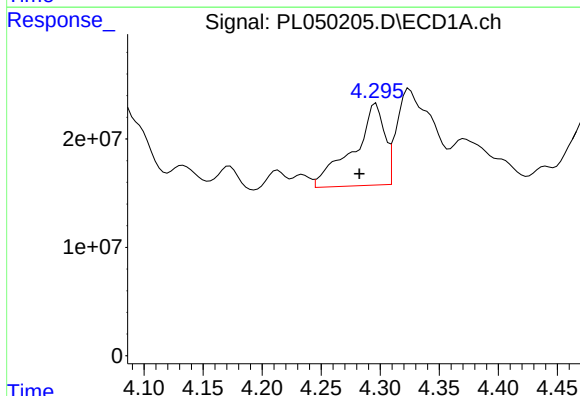
R.T.: 4.577 min  
Delta R.T.: 0.027 min  
Response: 138822175  
Conc: 8.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



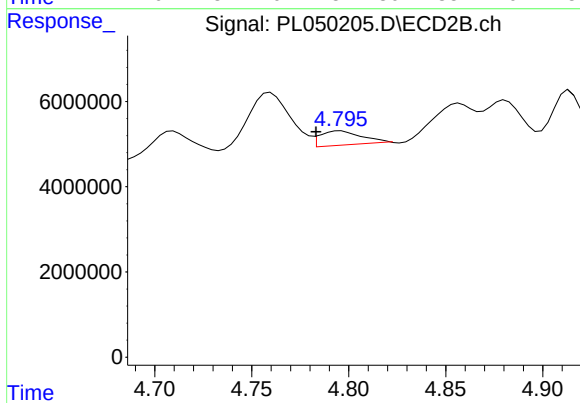
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.413 min  
Response: 0  
Conc: N.D.



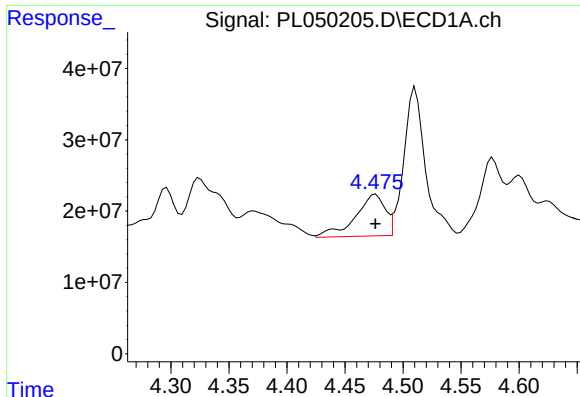
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: 0.014 min  
Response: 137882171  
Conc: 18.85 ng/ml



#6 beta-BHC

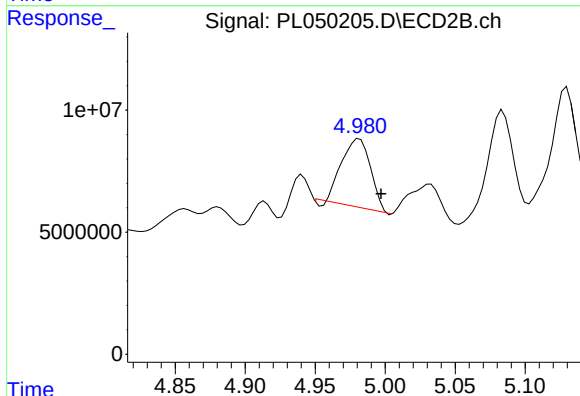
R.T.: 4.796 min  
Delta R.T.: 0.013 min  
Response: 4654429  
Conc: 2.40 ng/ml



#7 delta-BHC

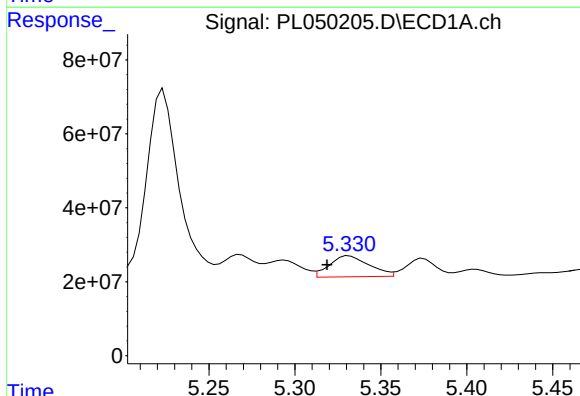
R.T.: 4.476 min  
Delta R.T.: 0.000 min  
Response: 103918027  
Conc: 5.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



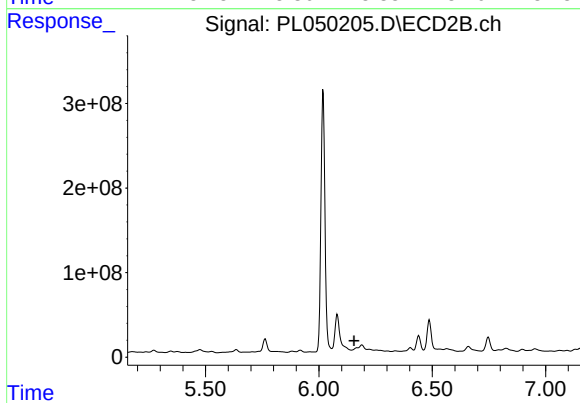
#7 delta-BHC

R.T.: 4.982 min  
Delta R.T.: -0.015 min  
Response: 39628904  
Conc: 10.06 ng/ml



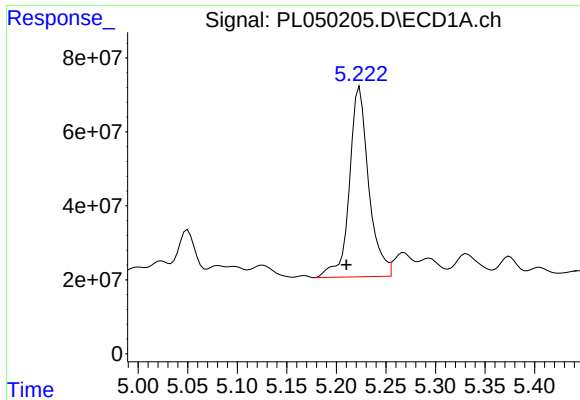
#9 Endosulfan I

R.T.: 5.332 min  
Delta R.T.: 0.013 min  
Response: 91099017  
Conc: 5.89 ng/ml



#9 Endosulfan I

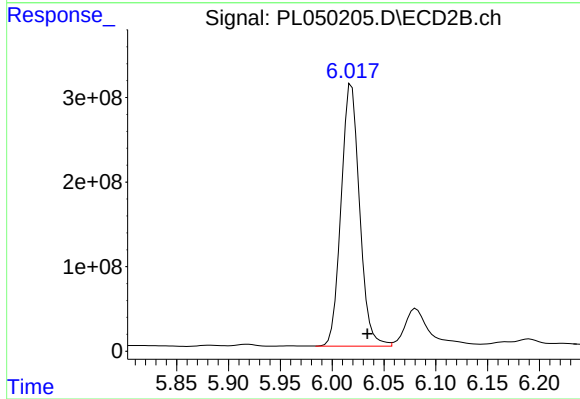
R.T.: 0.000 min  
Exp R.T.: 6.155 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

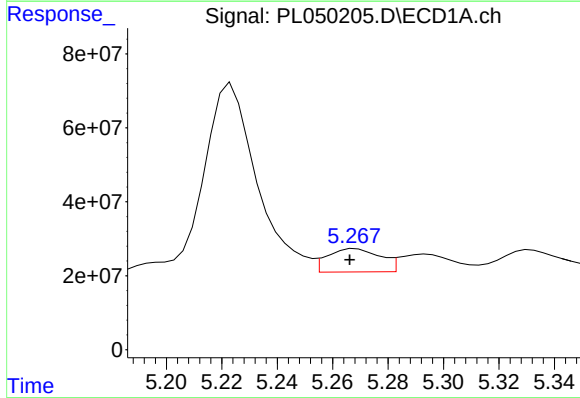
R.T.: 5.224 min  
Delta R.T.: 0.013 min  
Response: 698303887  
Conc: 40.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



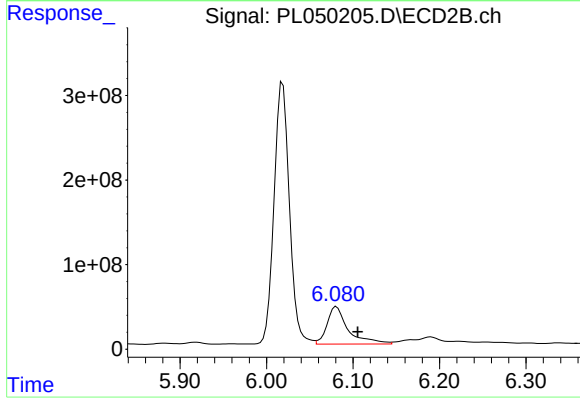
#10 gamma-Chlordane

R.T.: 6.019 min  
Delta R.T.: -0.015 min  
Response: 3841442417  
Conc: 1030.86 ng/ml



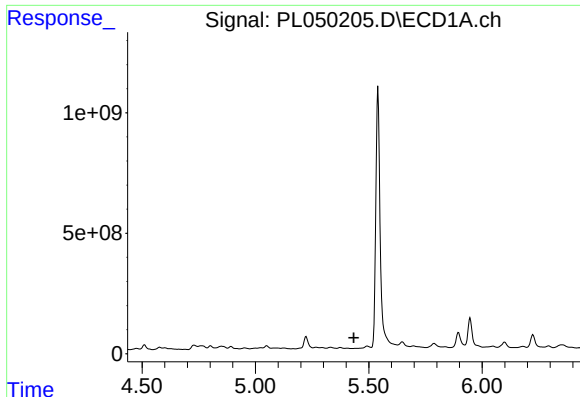
#11 alpha-Chlordane

R.T.: 5.268 min  
Delta R.T.: 0.002 min  
Response: 83329161  
Conc: 5.02 ng/ml



#11 alpha-Chlordane

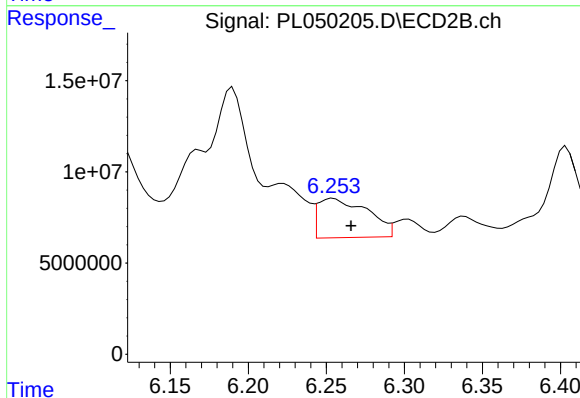
R.T.: 6.081 min  
Delta R.T.: -0.024 min  
Response: 751563301  
Conc: 203.21 ng/ml



#12 4,4'-DDE

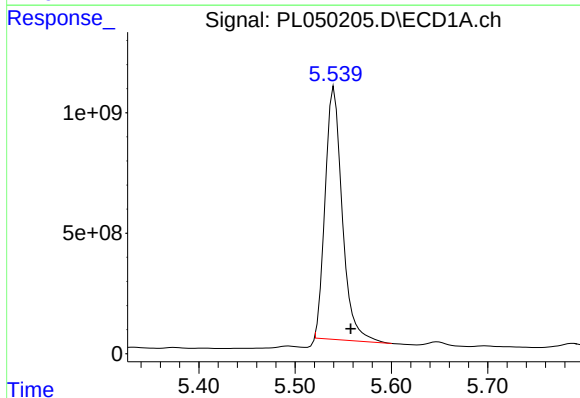
R.T.: 0.000 min  
Exp R.T.: 5.434 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



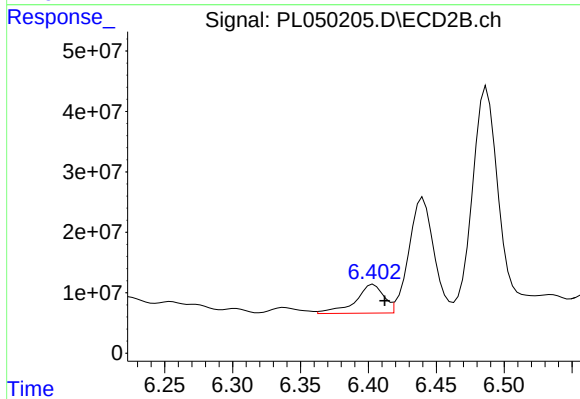
#12 4,4'-DDE

R.T.: 6.254 min  
Delta R.T.: -0.011 min  
Response: 47707118  
Conc: 13.75 ng/ml



#13 Dieldrin

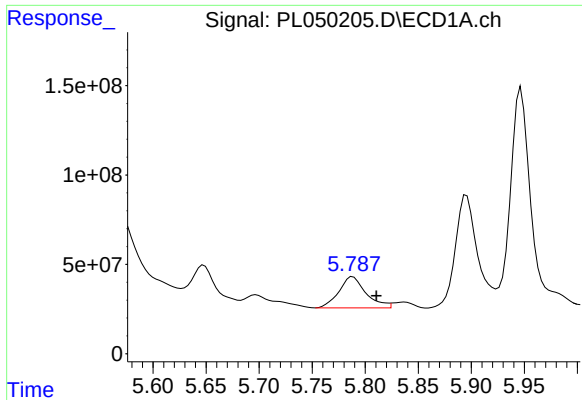
R.T.: 5.541 min  
Delta R.T.: -0.017 min  
Response: 12920999936  
Conc: 775.67 ng/ml



#13 Dieldrin

R.T.: 6.404 min  
Delta R.T.: -0.008 min  
Response: 69449860  
Conc: 19.58 ng/ml

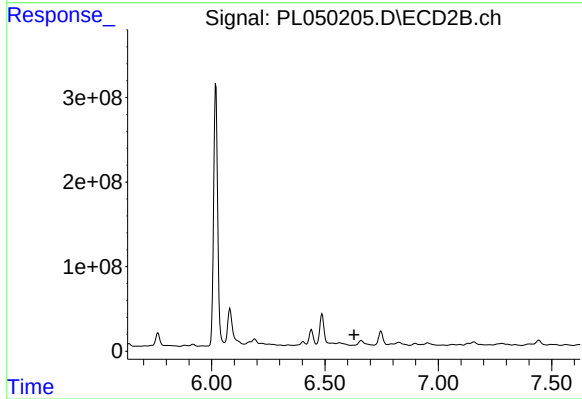




#14 Endrin

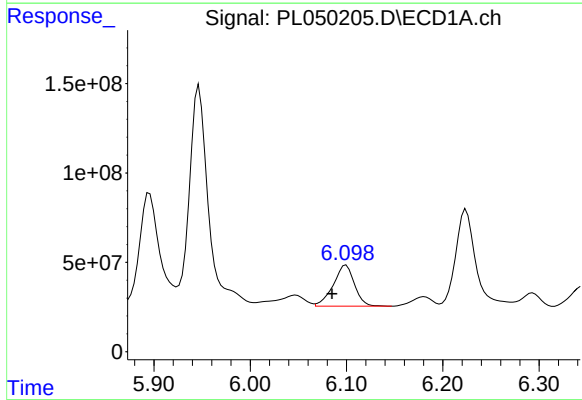
R.T.: 5.788 min  
Delta R.T.: -0.022 min  
Response: 310249885  
Conc: 19.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



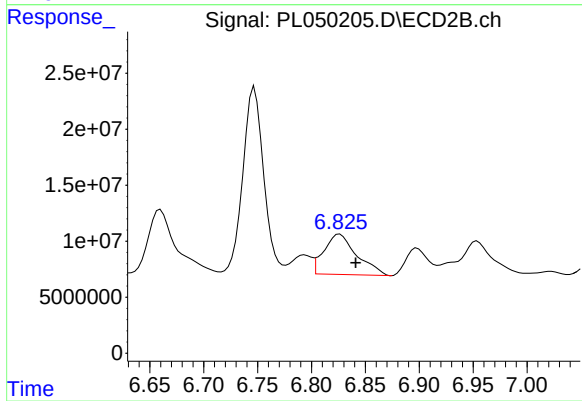
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.629 min  
Response: 0  
Conc: N.D.



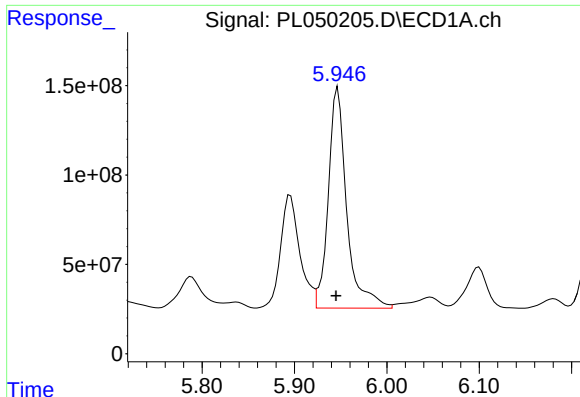
#15 Endosulfan II

R.T.: 6.100 min  
Delta R.T.: 0.014 min  
Response: 352188562  
Conc: 24.17 ng/ml



#15 Endosulfan II

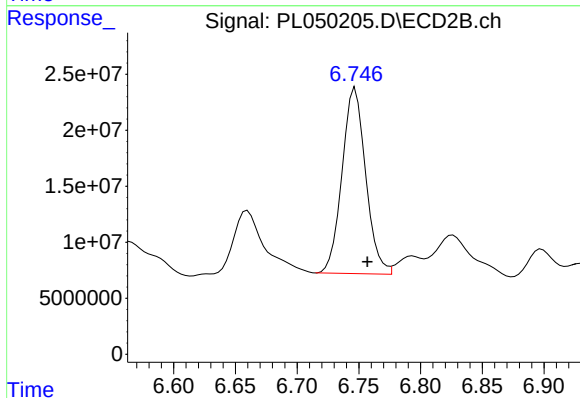
R.T.: 6.826 min  
Delta R.T.: -0.015 min  
Response: 76169491  
Conc: 23.65 ng/ml



#16 4,4'-DDD

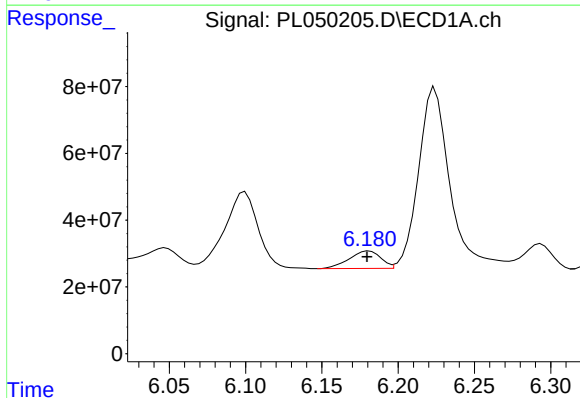
R.T.: 5.947 min  
Delta R.T.: 0.002 min  
Response: 1711564807  
Conc: 135.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



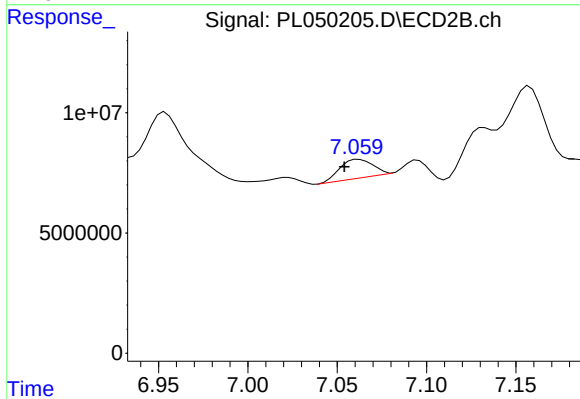
#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.010 min  
Response: 221119928  
Conc: 84.58 ng/ml



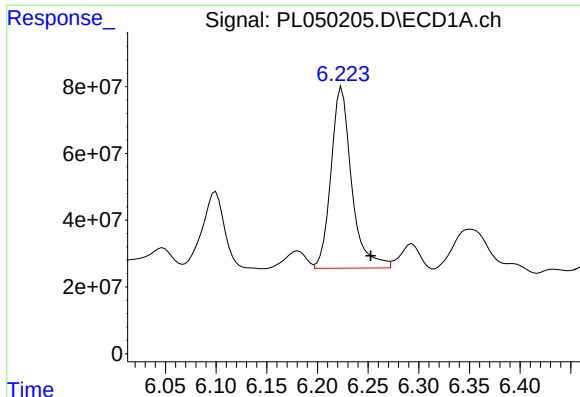
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: 0.001 min  
Response: 75852248  
Conc: 5.71 ng/ml



#17 4,4'-DDT

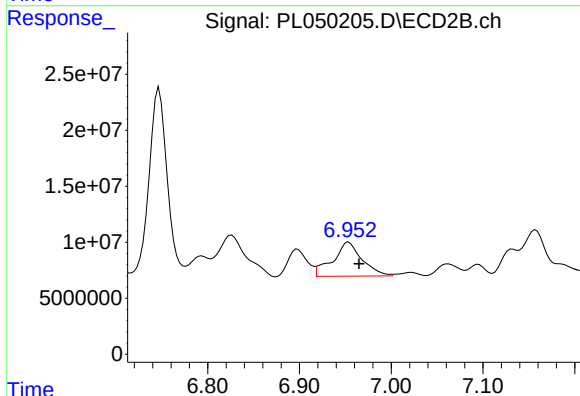
R.T.: 7.062 min  
Delta R.T.: 0.008 min  
Response: 9954444  
Conc: 3.40 ng/ml



#18 Endrin aldehyde

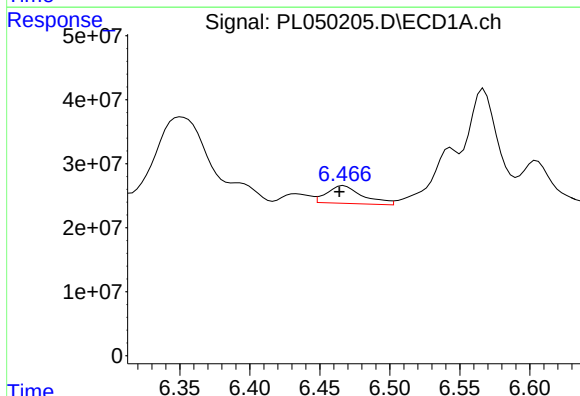
R.T.: 6.224 min  
Delta R.T.: -0.028 min  
Response: 769198677  
Conc: 65.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



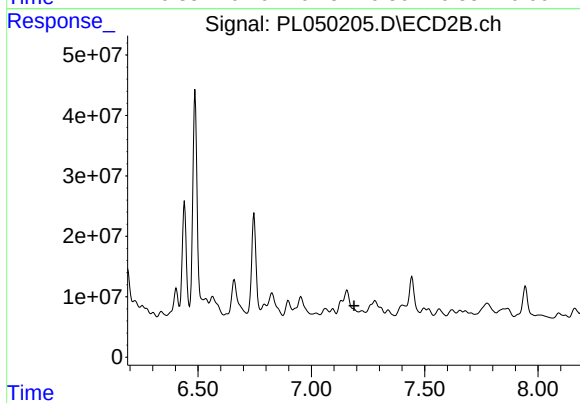
#18 Endrin aldehyde

R.T.: 6.954 min  
Delta R.T.: -0.011 min  
Response: 67340311  
Conc: 24.52 ng/ml



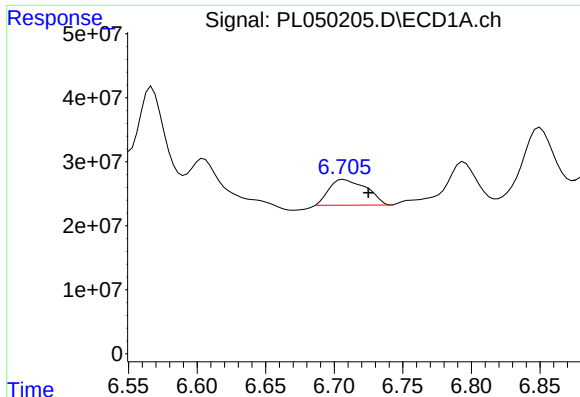
#19 Endosulfan Sulfate

R.T.: 6.467 min  
Delta R.T.: 0.003 min  
Response: 49133286  
Conc: 3.79 ng/ml



#19 Endosulfan Sulfate

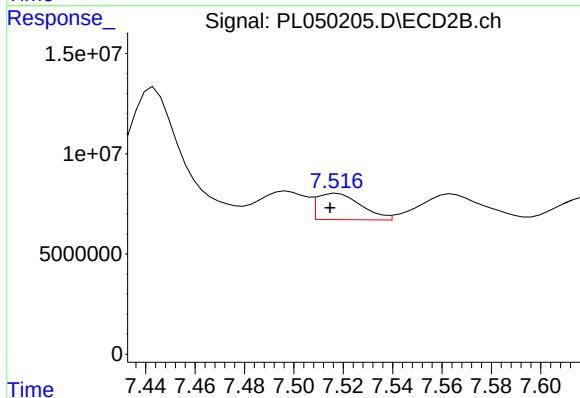
R.T.: 0.000 min  
Exp R.T.: 7.188 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

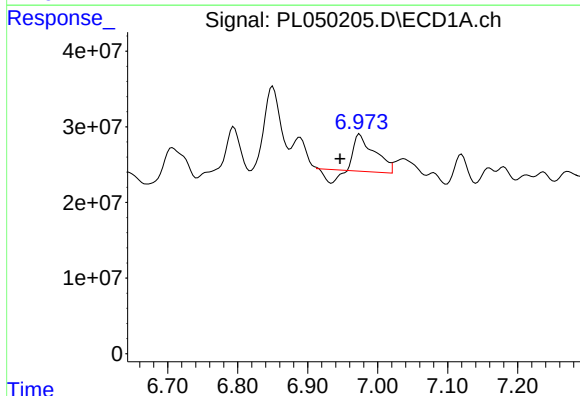
R.T.: 6.707 min  
Delta R.T.: -0.018 min  
Response: 76307689  
Conc: 11.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



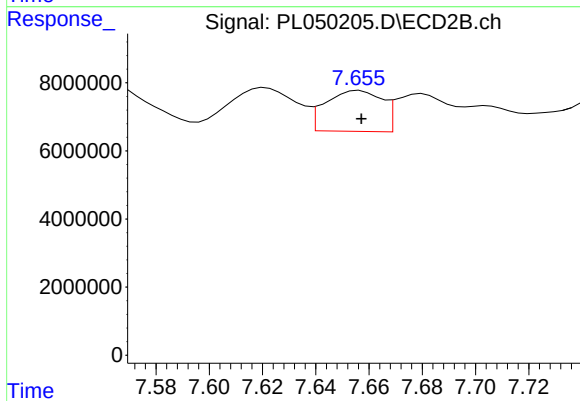
#20 Methoxychlor

R.T.: 7.518 min  
Delta R.T.: 0.003 min  
Response: 16368029  
Conc: 9.82 ng/ml



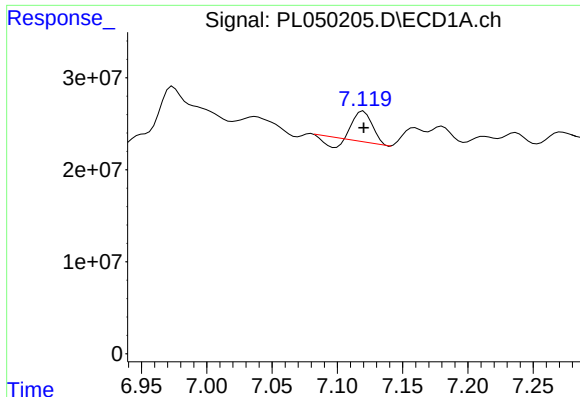
#21 Endrin ketone

R.T.: 6.974 min  
Delta R.T.: 0.028 min  
Response: 82923645  
Conc: 5.90 ng/ml



#21 Endrin ketone

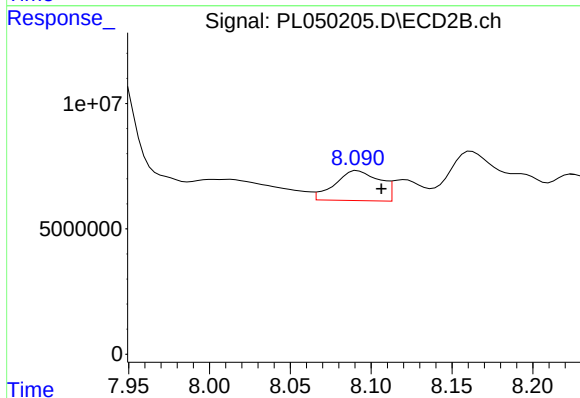
R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 17627163  
Conc: 5.66 ng/ml



#22 Mirex

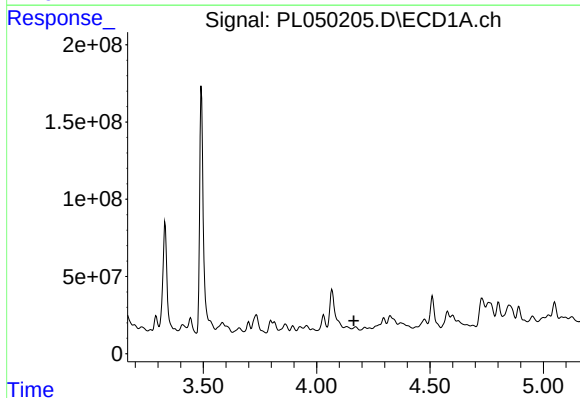
R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 25402525  
Conc: 2.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



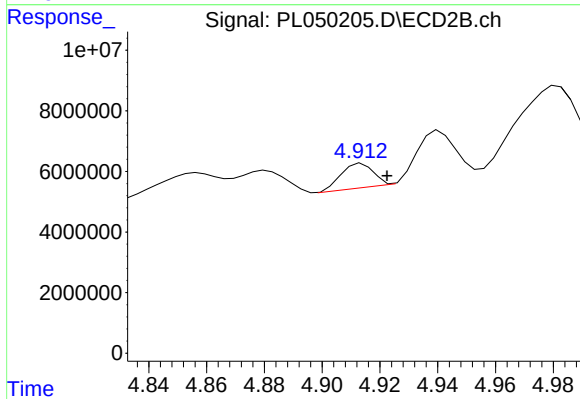
#22 Mirex

R.T.: 8.091 min  
Delta R.T.: -0.015 min  
Response: 23062684  
Conc: 9.12 ng/ml



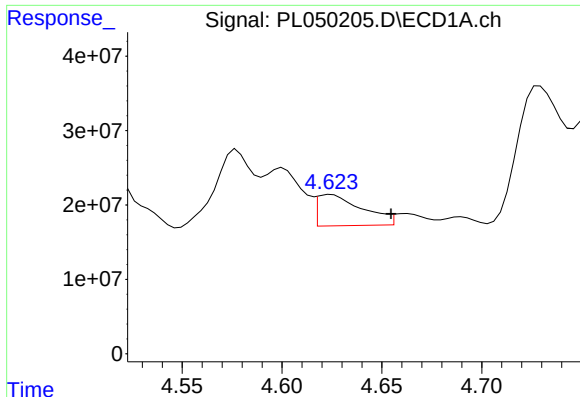
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.164 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

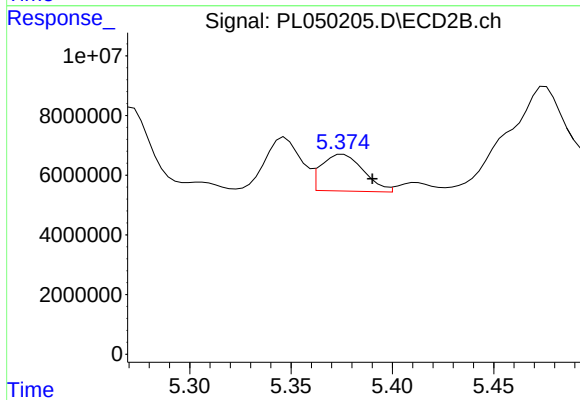
R.T.: 4.914 min  
Delta R.T.: -0.009 min  
Response: 6182113  
Conc: 42.06 ng/ml



#24 Chlordane-2

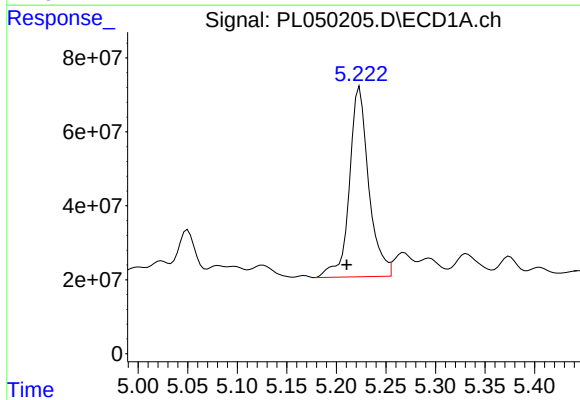
R.T.: 4.625 min  
Delta R.T.: -0.030 min  
Response: 65531378  
Conc: 112.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



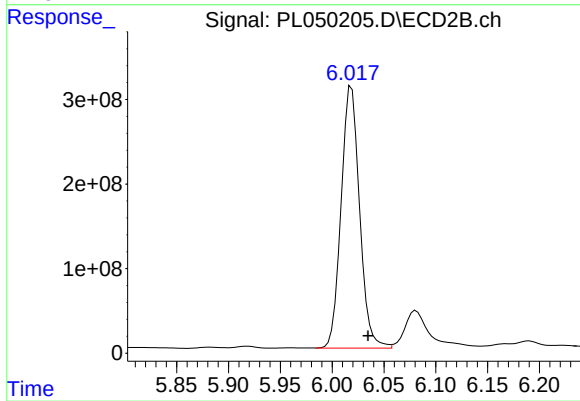
#24 Chlordane-2

R.T.: 5.376 min  
Delta R.T.: -0.014 min  
Response: 17870240  
Conc: 115.04 ng/ml



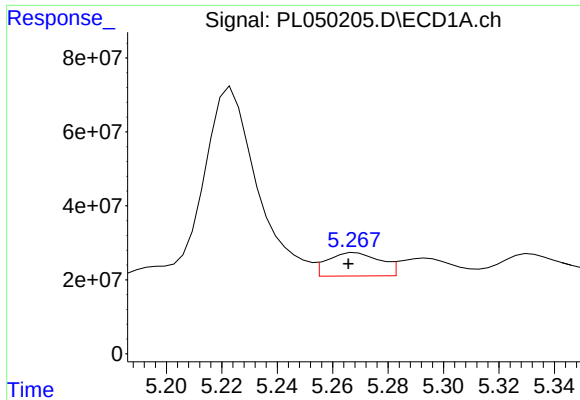
#25 Chlordane-3

R.T.: 5.224 min  
Delta R.T.: 0.013 min  
Response: 698303887  
Conc: 371.79 ng/ml



#25 Chlordane-3

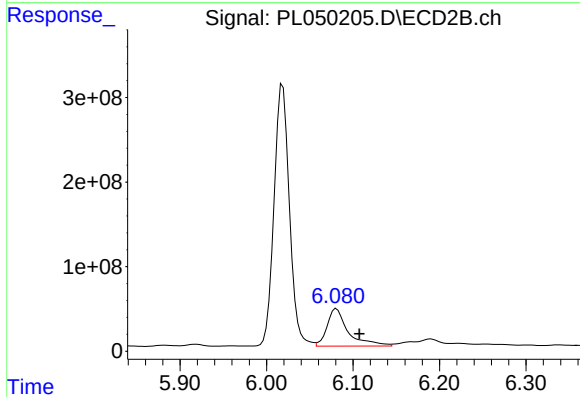
R.T.: 6.019 min  
Delta R.T.: -0.016 min  
Response: 3841442417  
Conc: 7719.55 ng/ml



#26 Chlordane-4

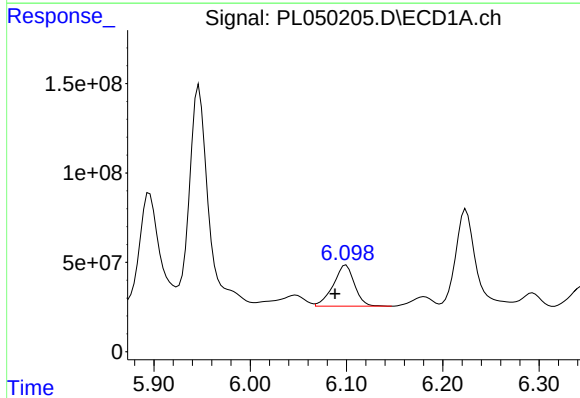
R.T.: 5.268 min  
Delta R.T.: 0.003 min  
Response: 83329161  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



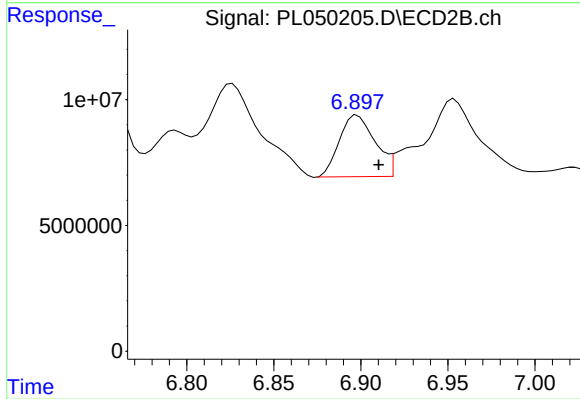
#26 Chlordane-4

R.T.: 6.081 min  
Delta R.T.: -0.026 min  
Response: 751563301  
Conc: 1264.53 ng/ml



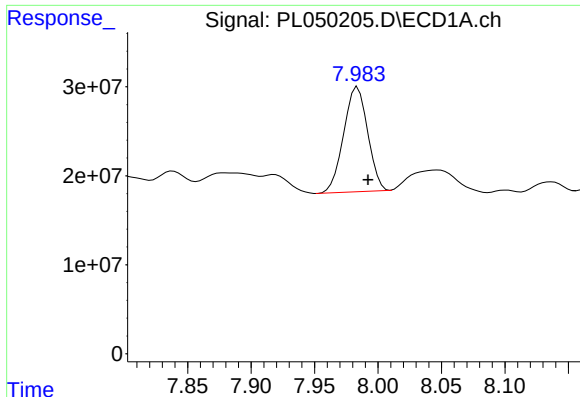
#27 Chlordane-5

R.T.: 6.100 min  
Delta R.T.: 0.011 min  
Response: 352188562  
Conc: 627.56 ng/ml



#27 Chlordane-5

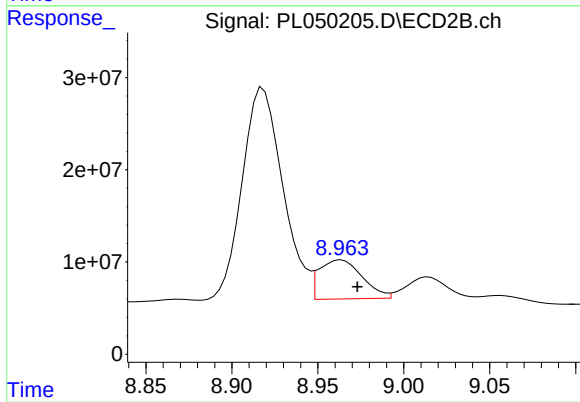
R.T.: 6.898 min  
Delta R.T.: -0.012 min  
Response: 34924637  
Conc: 307.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min  
Delta R.T.: -0.008 min  
Response: 154986536  
Conc: 12.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.964 min  
Delta R.T.: -0.009 min  
Response: 74027280  
Conc: 22.05 ng/ml