

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031120\  
 Data File : PL057211.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2020 16:03  
 Operator : AJ\MA  
 Sample : L1826-01MSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 17:02:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 04 03:55:01 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... | 3.460 | 3.957  | 188.8E6 | 46481520 | 22.151   | 21.786     |
| 2)                          | SA Decachlor... | 8.207 | 8.982  | 187.1E6 | 43647177 | 19.359   | 20.542     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.897 | 4.345  | 876.8E6 | 194.8E6  | 59.163   | 61.653     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.628  | 841.8E6 | 181.0E6  | 61.263   | 58.224     |
| 4)                          | MA Heptachlor   | 4.481 | 5.130  | 797.5E6 | 178.3E6  | 58.710   | 57.281     |
| 5)                          | MB Aldrin       | 4.728 | 5.433  | 762.3E6 | 183.3E6  | 59.034   | 61.318     |
| 6)                          | B beta-BHC      | 4.432 | 4.801  | 330.2E6 | 86099428 | 62.343   | 61.091     |
| 7)                          | B delta-BHC     | 4.635 | 5.015  | 790.0E6 | 132.5E6  | 60.555   | 54.416     |
| 8)                          | B Heptachlo...  | 5.171 | 5.816  | 713.0E6 | 151.8E6  | 58.926   | 54.781     |
| 9)                          | A Endosulfan I  | 5.510 | 6.172  | 667.1E6 | 156.1E6  | 58.849   | 55.890     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.051  | 718.6E6 | 168.8E6  | 57.852   | 56.370     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.122  | 693.8E6 | 165.6E6  | 56.467   | 54.924     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.282  | 689.9E6 | 157.4E6  | 58.879   | 55.458     |
| 13)                         | MA Dieldrin     | 5.752 | 6.427  | 719.1E6 | 162.2E6  | 58.814   | 55.098     |
| 14)                         | MA Endrin       | 6.009 | 6.644  | 604.4E6 | 125.4E6  | 55.558   | 48.611     |
| 15)                         | B Endosulfa...  | 6.283 | 6.854  | 575.4E6 | 135.5E6  | 53.277   | 48.271     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.770  | 546.8E6 | 129.7E6  | 56.488   | 53.258     |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.067  | 501.9E6 | 114.7E6  | 51.288   | 46.624     |
| 18)                         | B Endrin al...  | 6.451 | 6.978  | 483.9E6 | 117.9E6  | 54.091   | 50.899     |
| 19)                         | B Endosulfa...  | 6.664 | 7.200  | 558.3E6 | 133.3E6  | 55.899   | 53.158     |
| 20)                         | A Methoxychlor  | 6.921 | 7.526  | 249.5E6 | 59704836 | 50.032   | 47.790     |
| 21)                         | B Endrin ke...  | 7.154 | 7.668  | 606.2E6 | 145.2E6  | 53.677   | 52.987     |
| 22)                         | Mirex           | 7.341 | 8.118  | 416.8E6 | 99306000 | 51.433   | 51.799     |
| 23)                         | Chlordane-1     | 4.318 | 0.000  | 5865945 | 0        | 19.299   | N.D. #     |
| 24)                         | Chlordane-2     | 4.831 | 5.433f | 5447473 | 183.3E6  | 15.447   | 1920.187 # |
| 25)                         | Chlordane-3     | 5.398 | 6.051  | 718.6E6 | 168.8E6  | 666.180  | 445.267 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.122  | 693.8E6 | 165.6E6  | 754.910  | 361.078 #  |
| 27)                         | Chlordane-5     | 6.283 | 0.000  | 575.4E6 | 0        | 1584.055 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

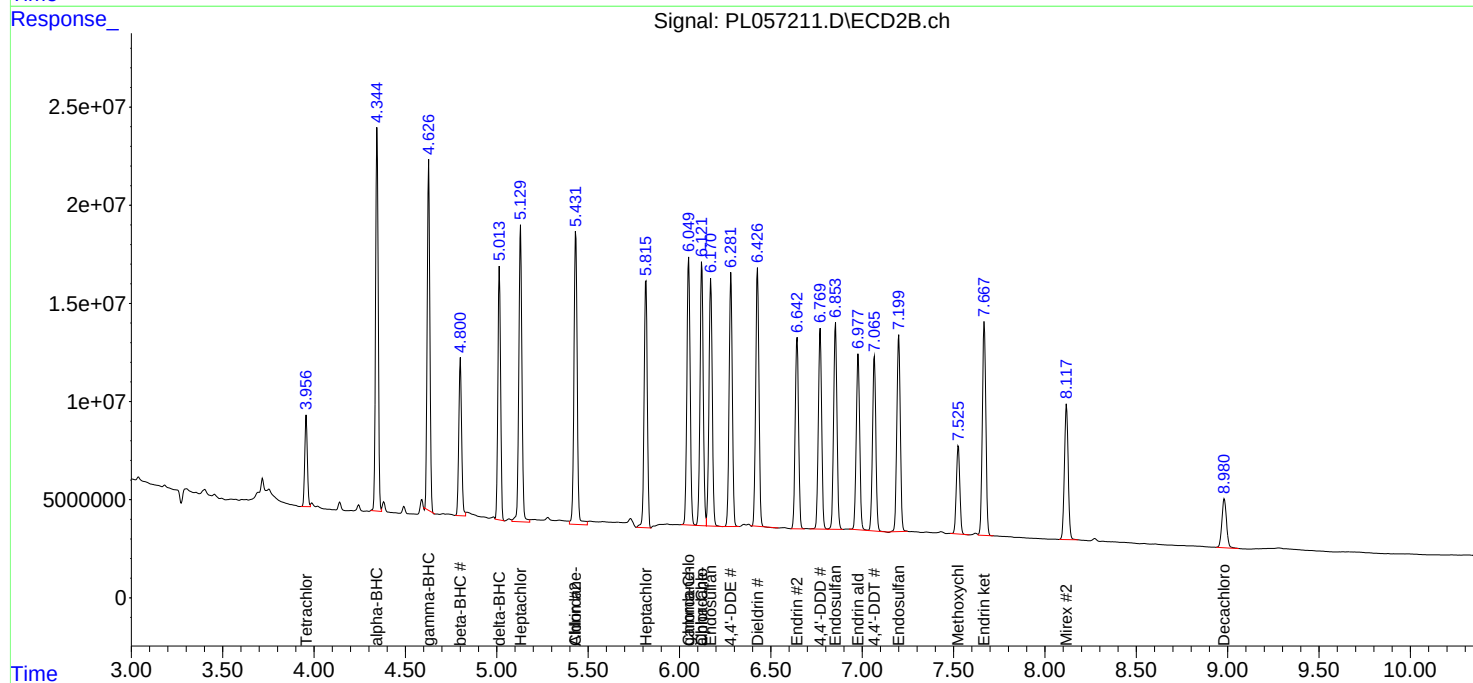
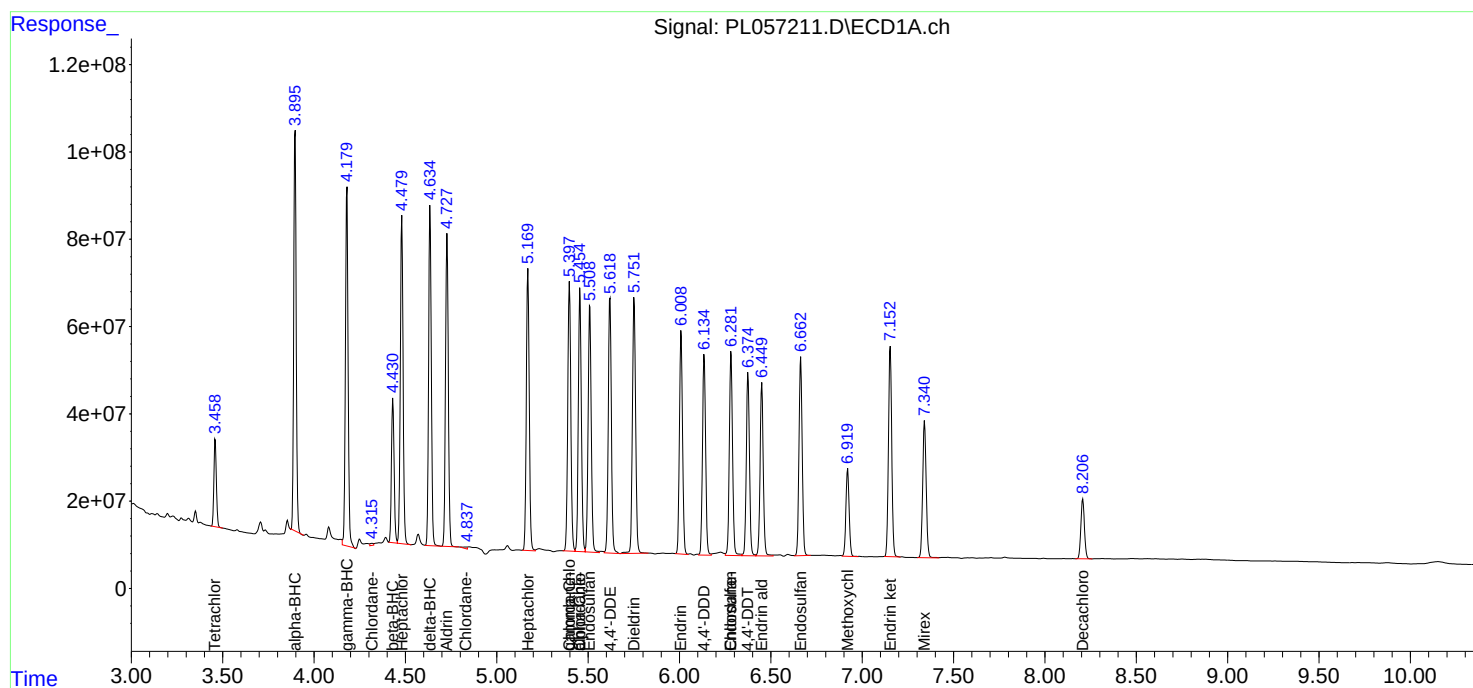
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

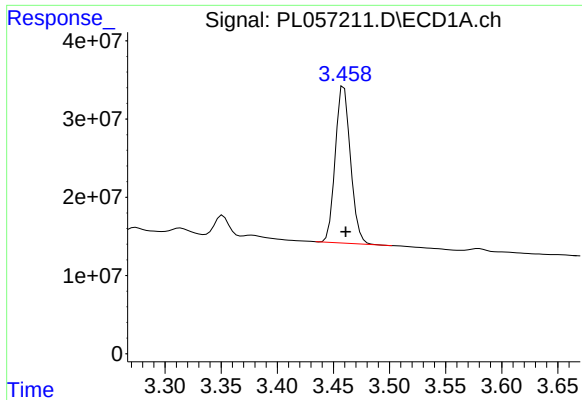
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031120\  
Data File : PL057211.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2020 16:03  
Operator : AJ\MA  
Sample : L1826-01MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 17:02:15 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 04 03:55:01 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

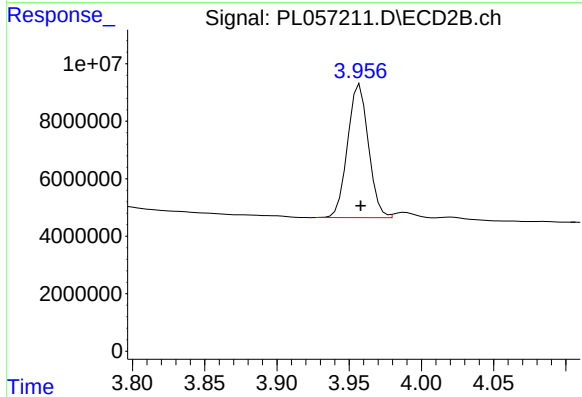




#1 Tetrachloro-m-xylene

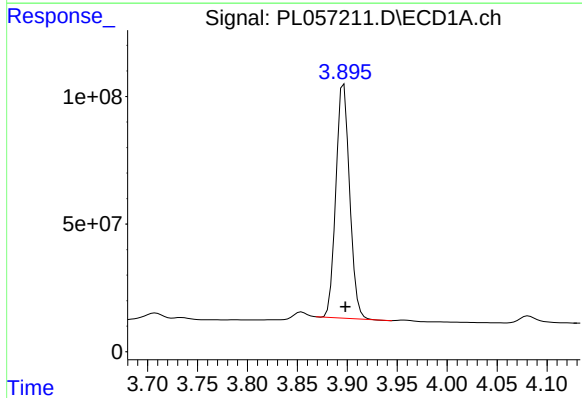
R.T.: 3.460 min  
Delta R.T.: -0.001 min  
Response: 188777527  
Conc: 22.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



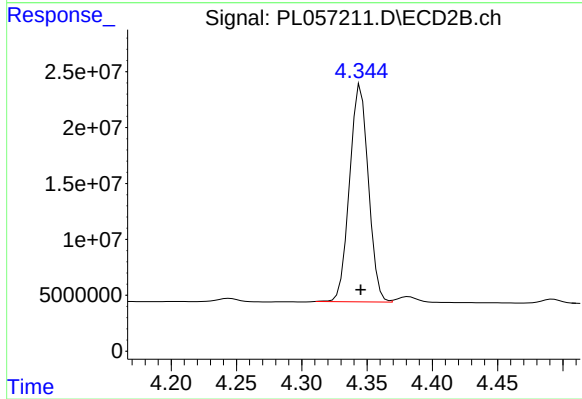
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 46481520  
Conc: 21.79 ng/ml



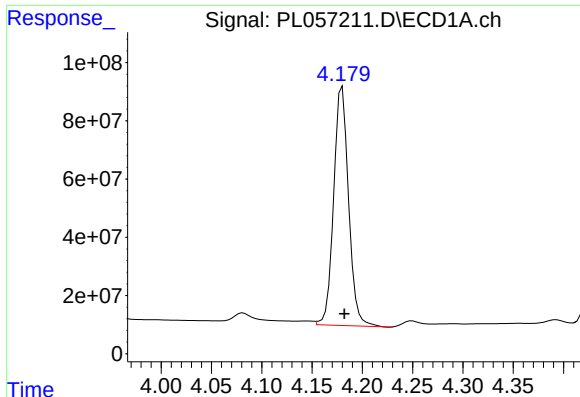
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: -0.002 min  
Response: 876783092  
Conc: 59.16 ng/ml



#2 alpha-BHC

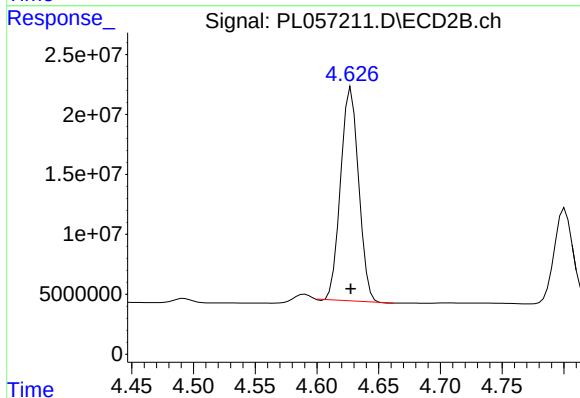
R.T.: 4.345 min  
Delta R.T.: 0.000 min  
Response: 194759450  
Conc: 61.65 ng/ml



#3 gamma-BHC (Lindane)

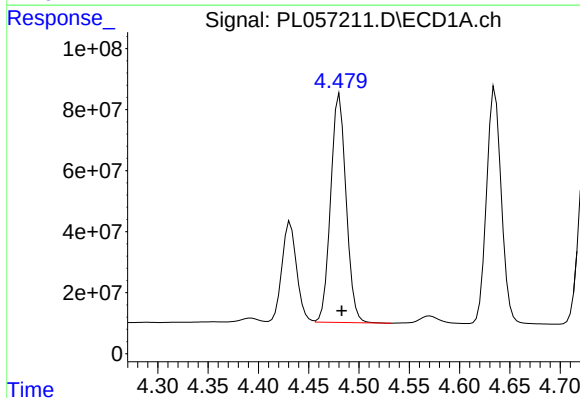
R.T.: 4.180 min  
Delta R.T.: -0.002 min  
Response: 841793483  
Conc: 61.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



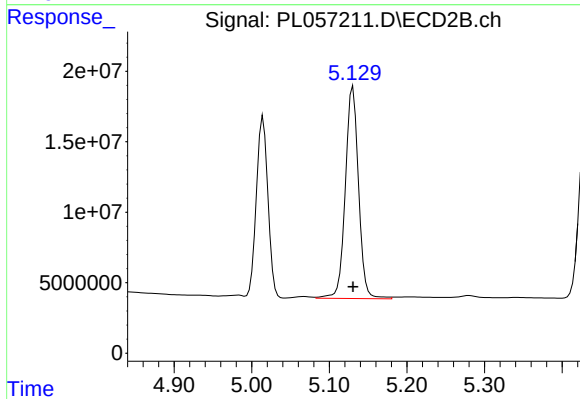
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 181003859  
Conc: 58.22 ng/ml



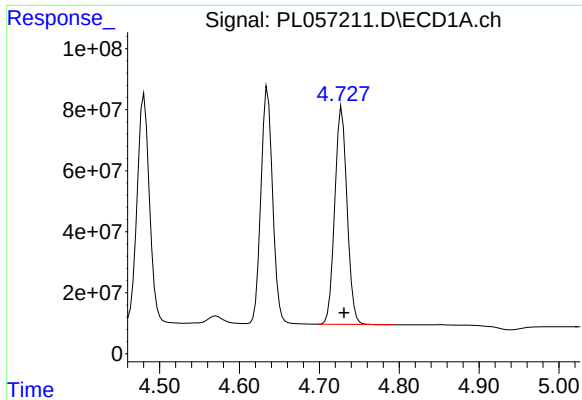
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 797522232  
Conc: 58.71 ng/ml



#4 Heptachlor

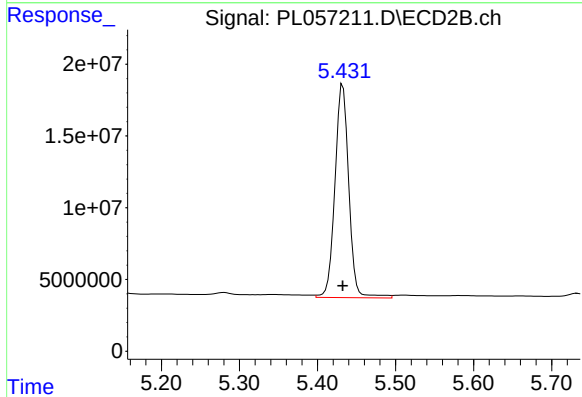
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 178281603  
Conc: 57.28 ng/ml



#5 Aldrin

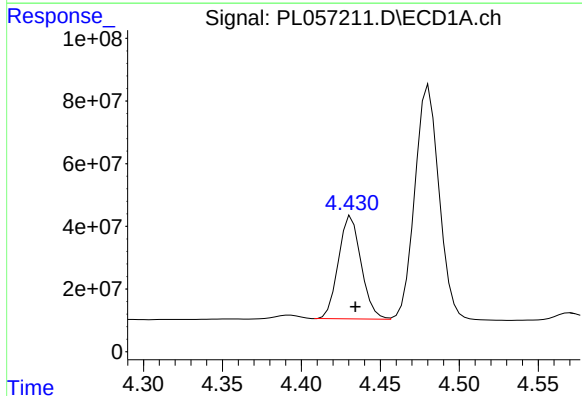
R.T.: 4.728 min  
Delta R.T.: -0.003 min  
Response: 762287003  
Conc: 59.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



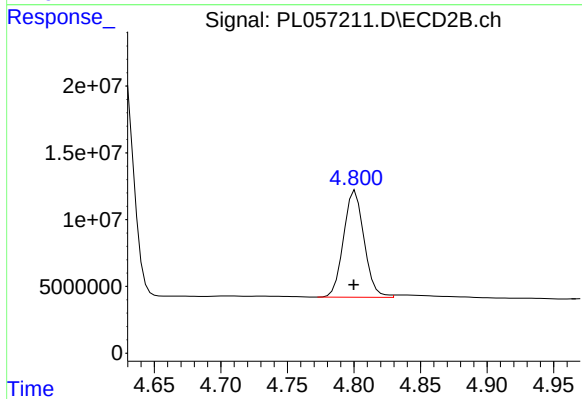
#5 Aldrin

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 183289974  
Conc: 61.32 ng/ml



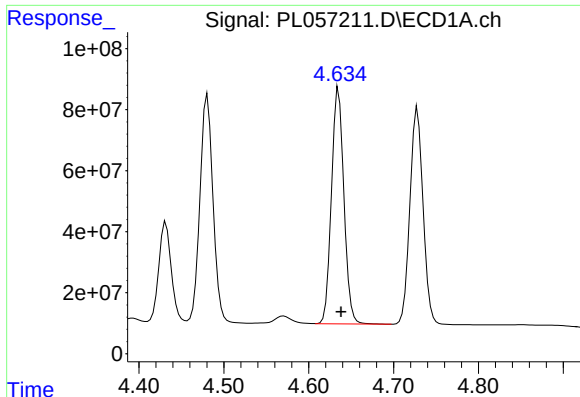
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: -0.002 min  
Response: 330245487  
Conc: 62.34 ng/ml



#6 beta-BHC

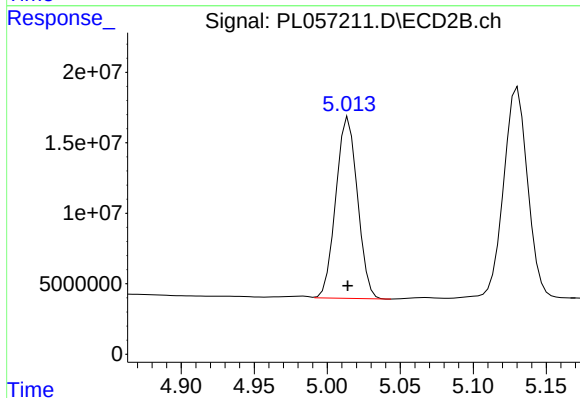
R.T.: 4.801 min  
Delta R.T.: 0.001 min  
Response: 86099428  
Conc: 61.09 ng/ml



#7 delta-BHC

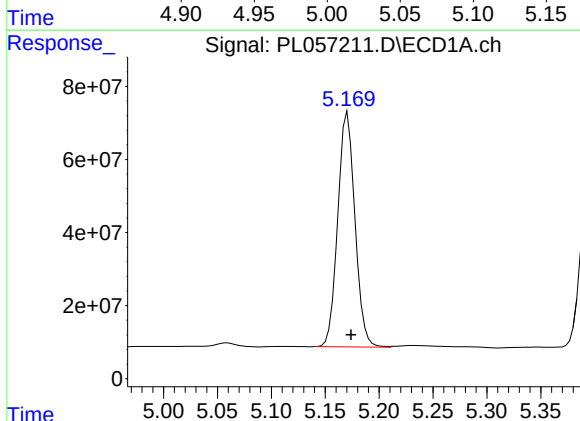
R.T.: 4.635 min  
Delta R.T.: -0.003 min  
Response: 790008250  
Conc: 60.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



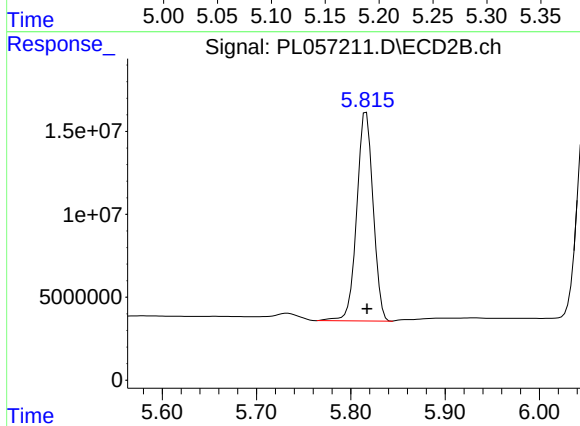
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 132491957  
Conc: 54.42 ng/ml



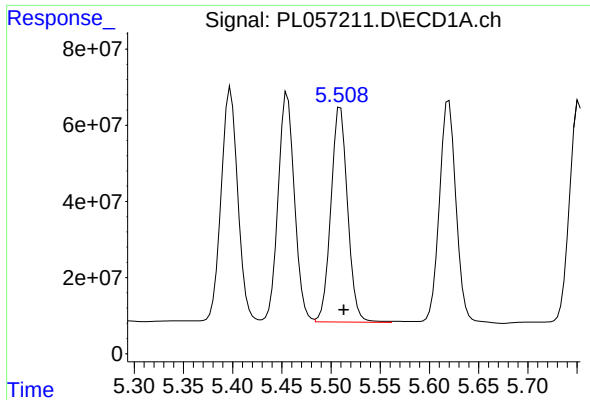
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: -0.003 min  
Response: 713002052  
Conc: 58.93 ng/ml



#8 Heptachlor epoxide

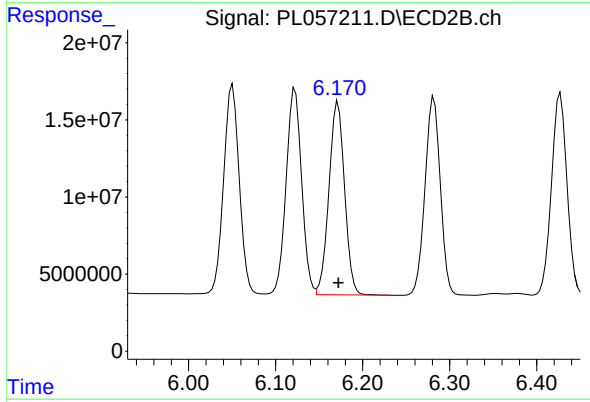
R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 151801157  
Conc: 54.78 ng/ml



#9 Endosulfan I

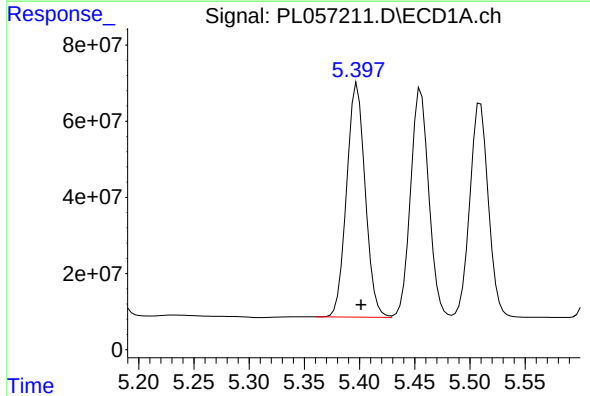
R.T.: 5.510 min  
Delta R.T.: -0.003 min  
Response: 667117601  
Conc: 58.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



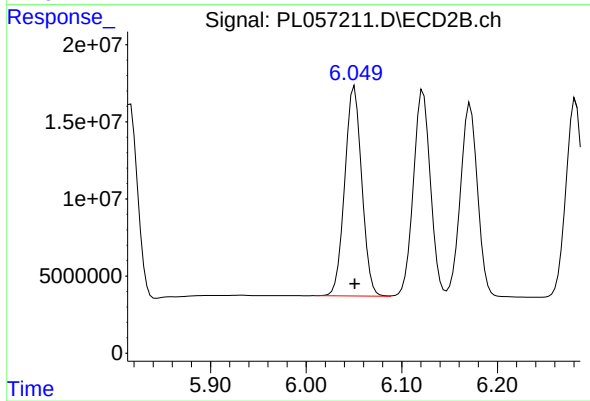
#9 Endosulfan I

R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 156123342  
Conc: 55.89 ng/ml



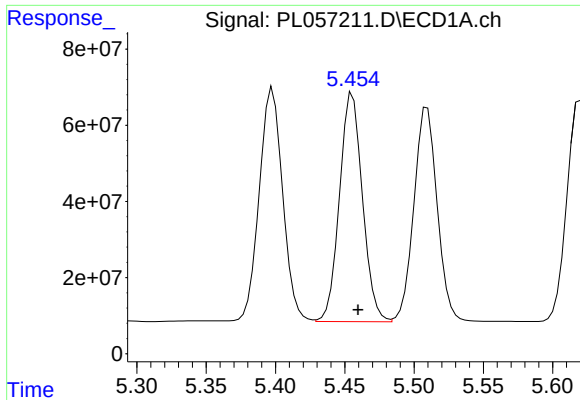
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: -0.004 min  
Response: 718563063  
Conc: 57.85 ng/ml



#10 gamma-Chlordane

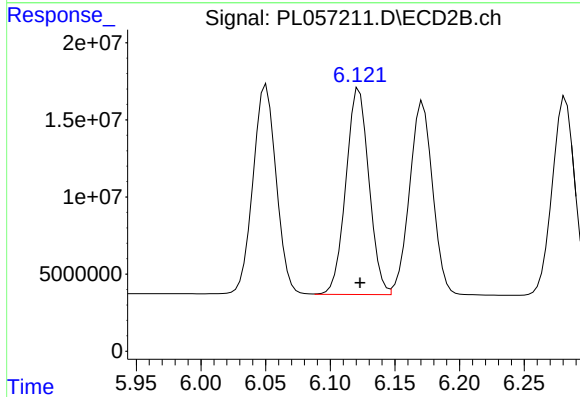
R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 168751107  
Conc: 56.37 ng/ml



#11 alpha-Chlordane

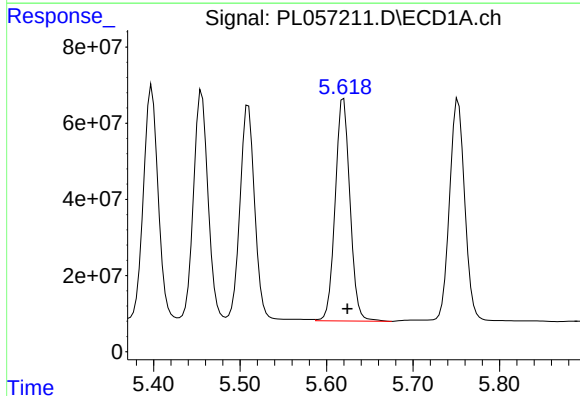
R.T.: 5.456 min  
Delta R.T.: -0.004 min  
Response: 693757241  
Conc: 56.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



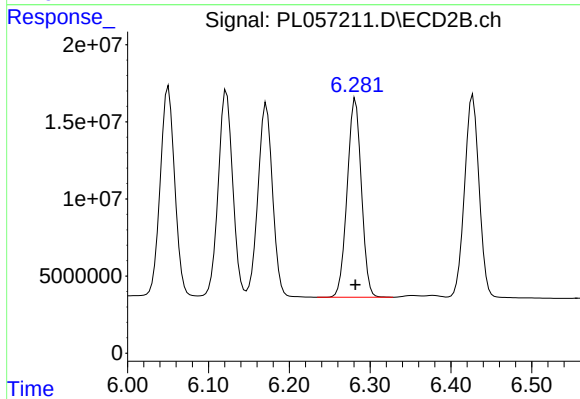
#11 alpha-Chlordane

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 165567314  
Conc: 54.92 ng/ml



#12 4,4'-DDE

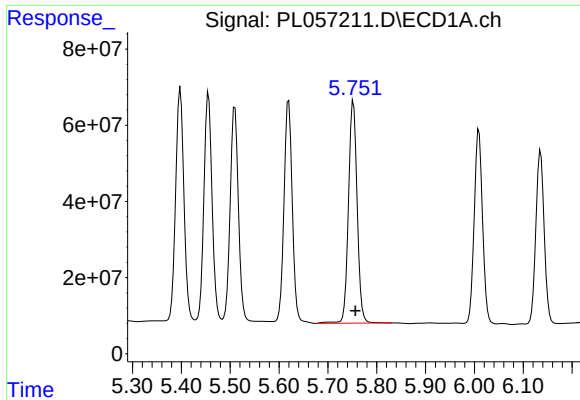
R.T.: 5.620 min  
Delta R.T.: -0.004 min  
Response: 689929809  
Conc: 58.88 ng/ml



#12 4,4'-DDE

R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 157386191  
Conc: 55.46 ng/ml

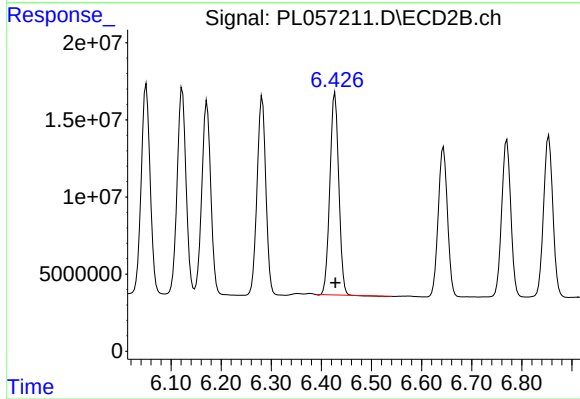




#13 Dieldrin

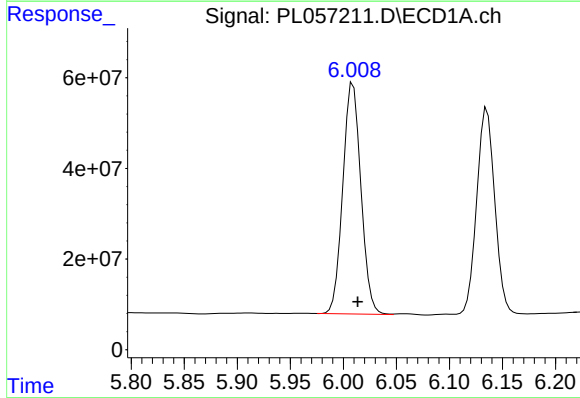
R.T.: 5.752 min  
Delta R.T.: -0.004 min  
Response: 719092012  
Conc: 58.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



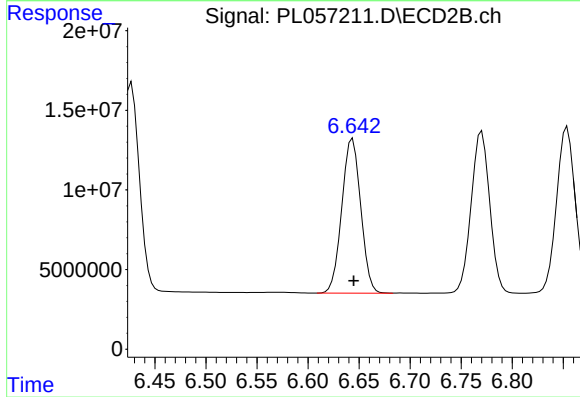
#13 Dieldrin

R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 162166366  
Conc: 55.10 ng/ml



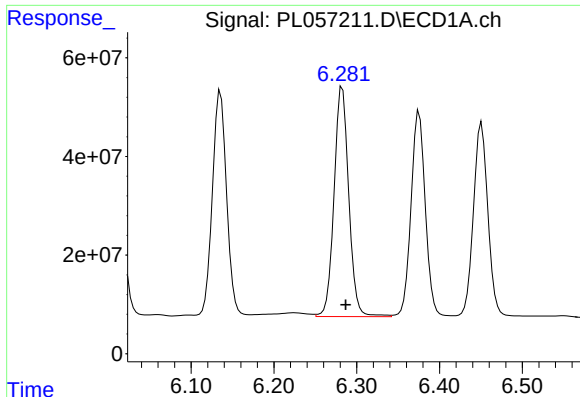
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: -0.004 min  
Response: 604445187  
Conc: 55.56 ng/ml



#14 Endrin

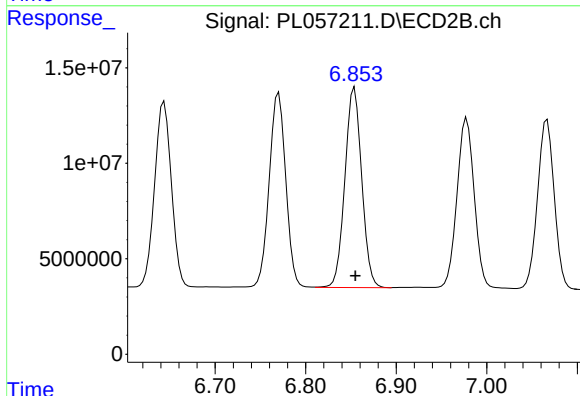
R.T.: 6.644 min  
Delta R.T.: -0.001 min  
Response: 125358049  
Conc: 48.61 ng/ml



#15 Endosulfan II

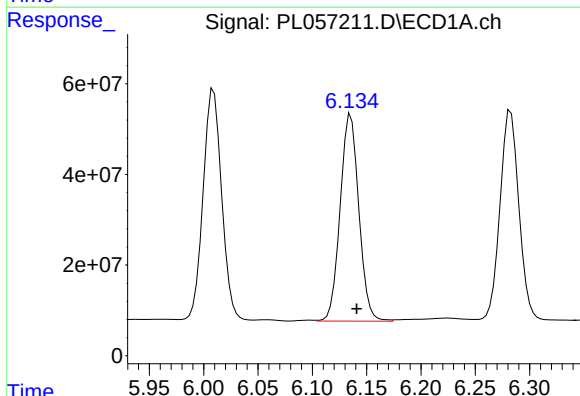
R.T.: 6.283 min  
Delta R.T.: -0.004 min  
Response: 575367985  
Conc: 53.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



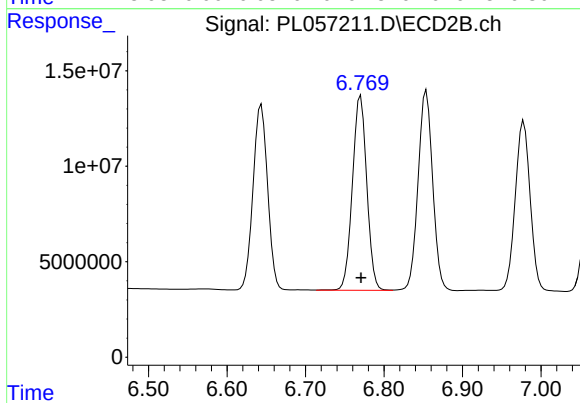
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: -0.001 min  
Response: 135451226  
Conc: 48.27 ng/ml



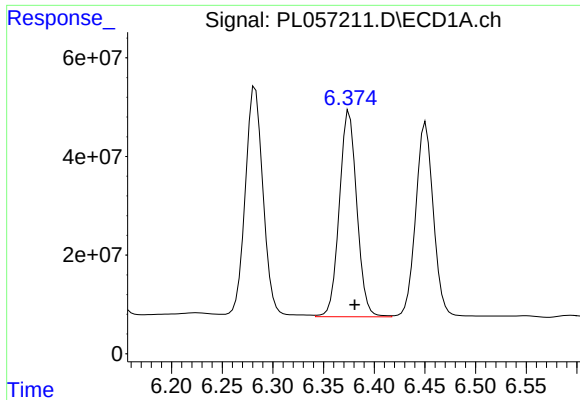
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: -0.006 min  
Response: 546836229  
Conc: 56.49 ng/ml



#16 4,4'-DDD

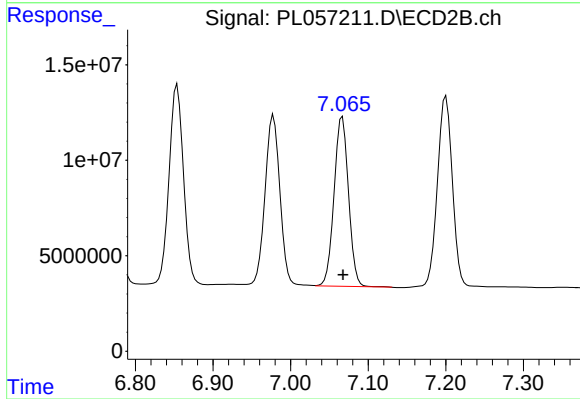
R.T.: 6.770 min  
Delta R.T.: 0.000 min  
Response: 129737178  
Conc: 53.26 ng/ml



#17 4,4'-DDT

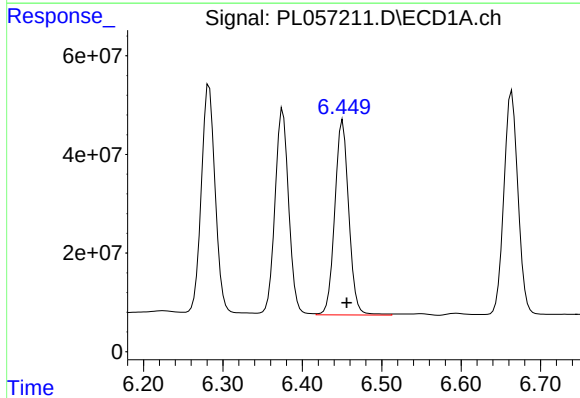
R.T.: 6.375 min  
Delta R.T.: -0.005 min  
Response: 501863000  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



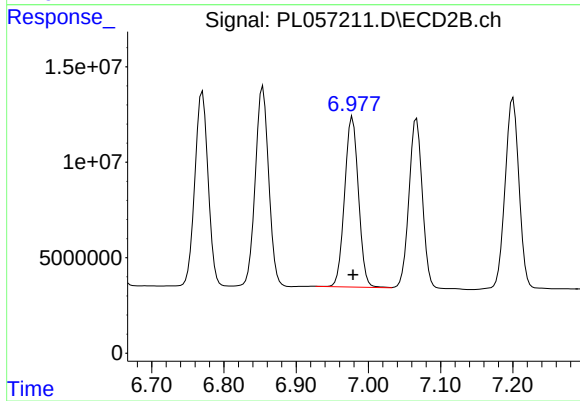
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 114692556  
Conc: 46.62 ng/ml



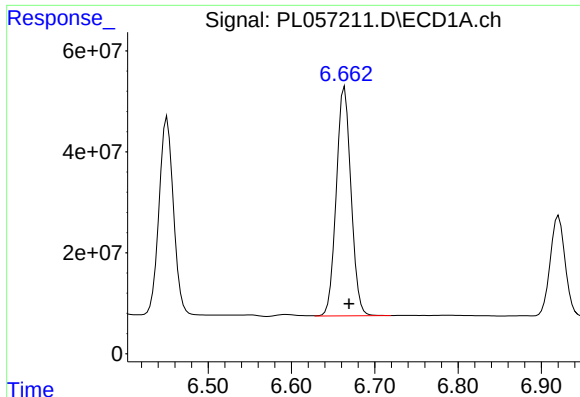
#18 Endrin aldehyde

R.T.: 6.451 min  
Delta R.T.: -0.005 min  
Response: 483915821  
Conc: 54.09 ng/ml



#18 Endrin aldehyde

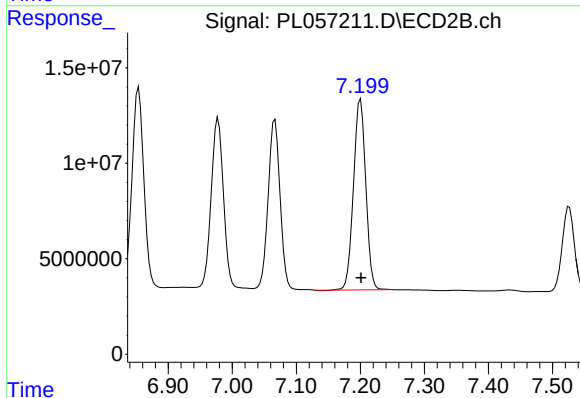
R.T.: 6.978 min  
Delta R.T.: 0.000 min  
Response: 117946769  
Conc: 50.90 ng/ml



#19 Endosulfan Sulfate

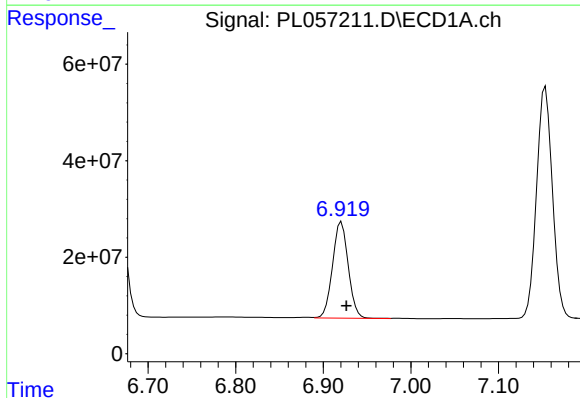
R.T.: 6.664 min  
Delta R.T.: -0.005 min  
Response: 558275592  
Conc: 55.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



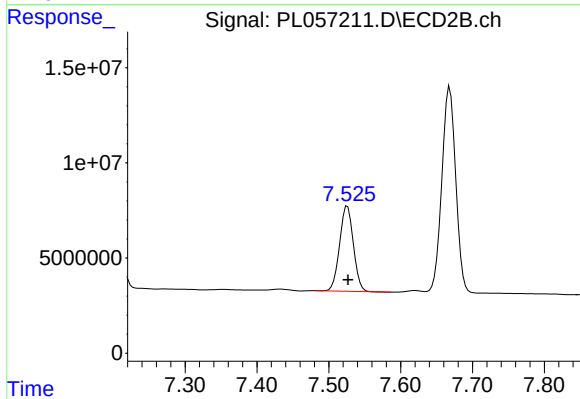
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 133314525  
Conc: 53.16 ng/ml



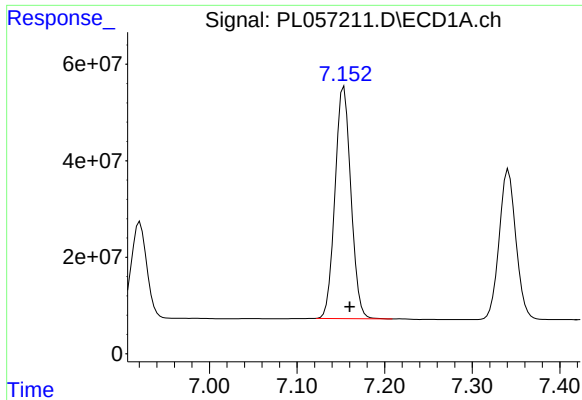
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.005 min  
Response: 249469983  
Conc: 50.03 ng/ml



#20 Methoxychlor

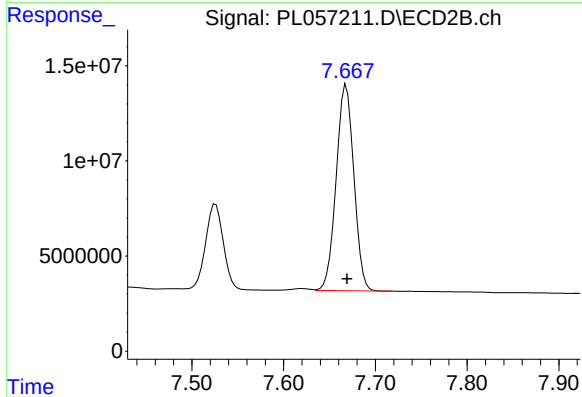
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 59704836  
Conc: 47.79 ng/ml



#21 Endrin ketone

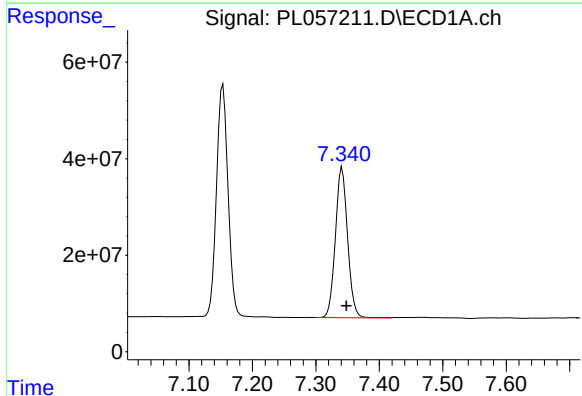
R.T.: 7.154 min  
Delta R.T.: -0.007 min  
Response: 606160673  
Conc: 53.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



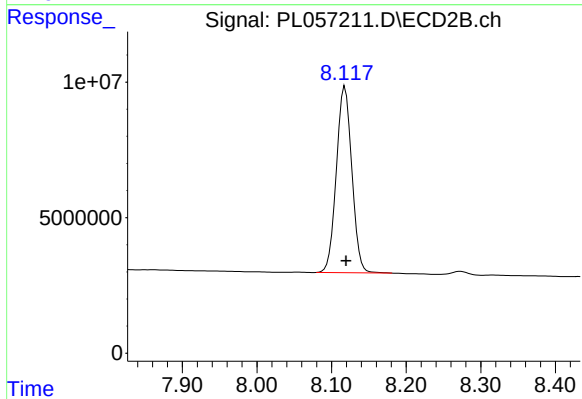
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.000 min  
Response: 145207248  
Conc: 52.99 ng/ml



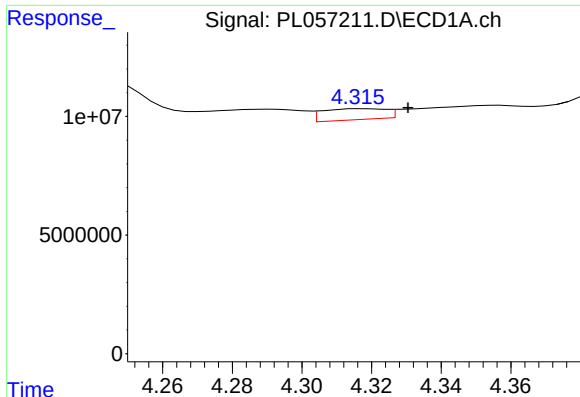
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: -0.006 min  
Response: 416779615  
Conc: 51.43 ng/ml



#22 Mirex

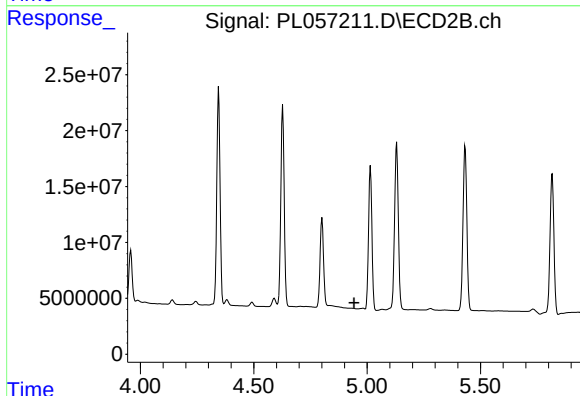
R.T.: 8.118 min  
Delta R.T.: -0.001 min  
Response: 99306000  
Conc: 51.80 ng/ml



#23 Chlordane-1

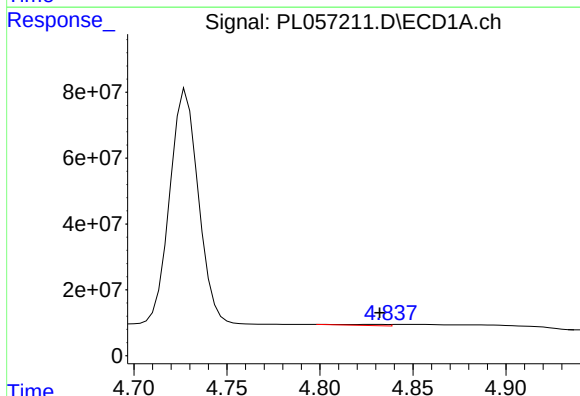
R.T.: 4.318 min  
Delta R.T.: -0.013 min  
Response: 5865945  
Conc: 19.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



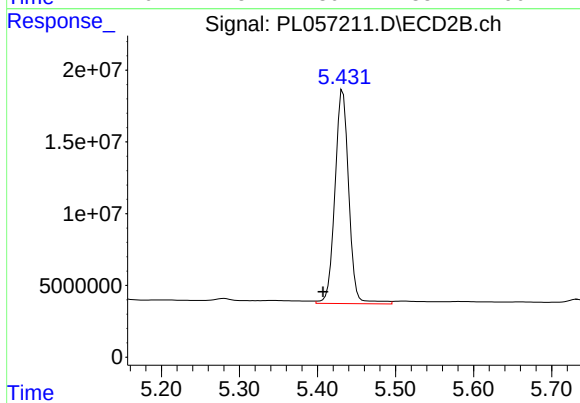
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



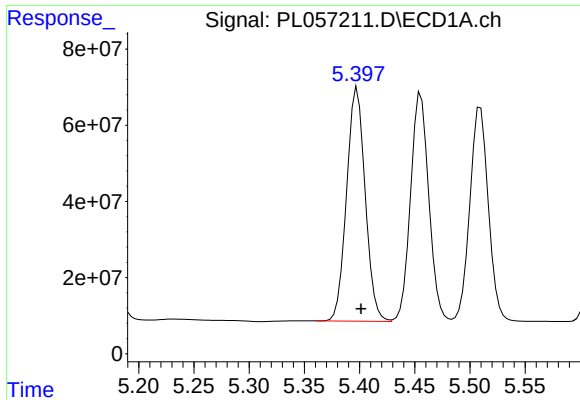
#24 Chlordane-2

R.T.: 4.831 min  
Delta R.T.: -0.001 min  
Response: 5447473  
Conc: 15.45 ng/ml



#24 Chlordane-2

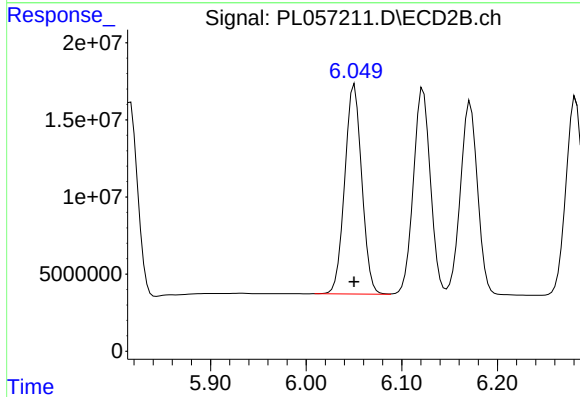
R.T.: 5.433 min  
Delta R.T.: 0.025 min  
Response: 183289974  
Conc: 1920.19 ng/ml



#25 Chlordane-3

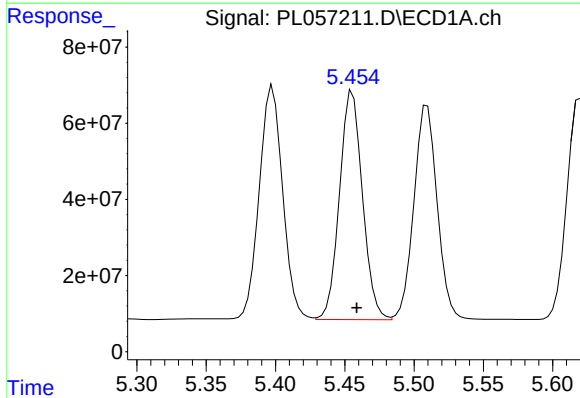
R.T.: 5.398 min  
Delta R.T.: -0.003 min  
Response: 718563063  
Conc: 666.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



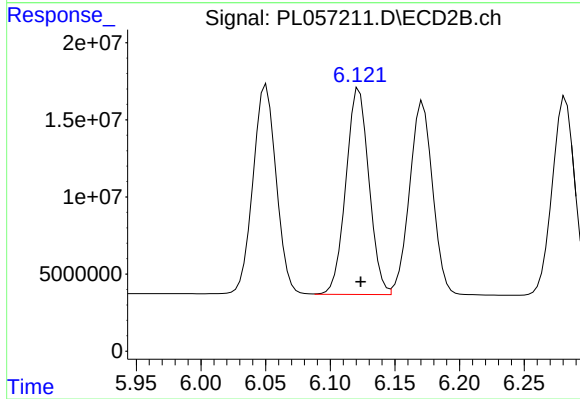
#25 Chlordane-3

R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 168751107  
Conc: 445.27 ng/ml



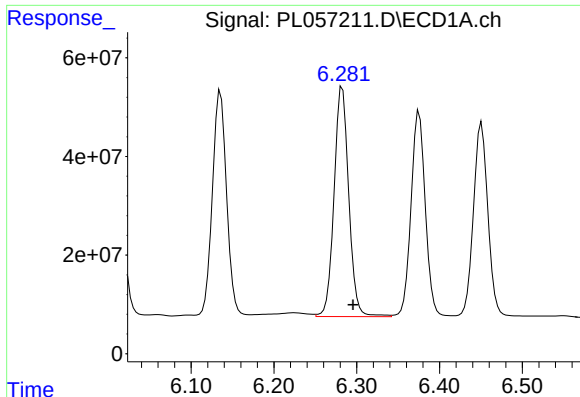
#26 Chlordane-4

R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 693757241  
Conc: 754.91 ng/ml



#26 Chlordane-4

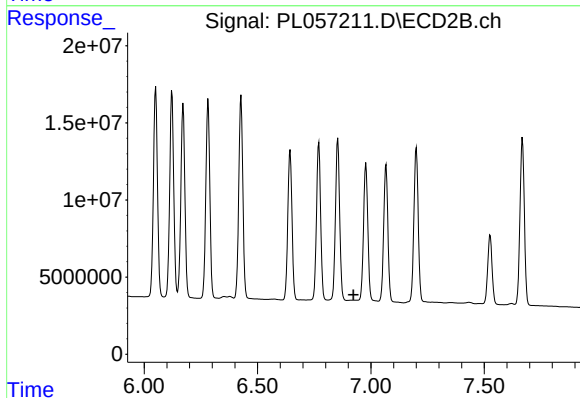
R.T.: 6.122 min  
Delta R.T.: -0.001 min  
Response: 165567314  
Conc: 361.08 ng/ml



#27 Chlordane-5

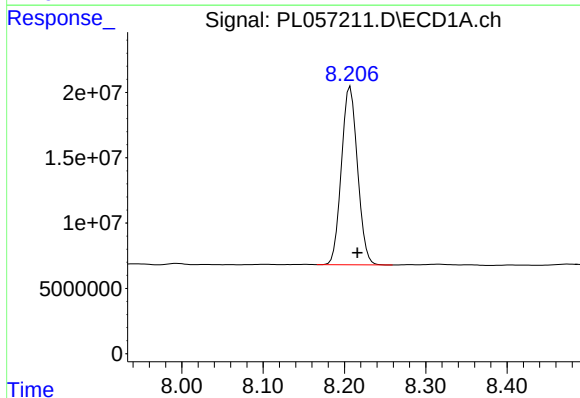
R.T.: 6.283 min  
Delta R.T.: -0.013 min  
Response: 575367985  
Conc: 1584.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



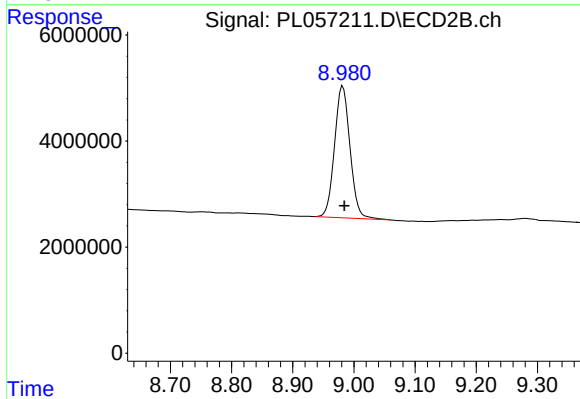
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.009 min  
Response: 187104810  
Conc: 19.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: -0.002 min  
Response: 43647177  
Conc: 20.54 ng/ml