

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
 Data File : PL059972.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2020 18:22  
 Operator : DD\AJ  
 Sample : L3187-08MS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 04:52:31 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.465 | 4.011  | 44659601 | 60137102 | 23.089   | 22.692     |
| 28)                         | SA Decachlor... | 8.225 | 9.100  | 26428828 | 35686050 | 16.065   | 17.063     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.902 | 4.401  | 139.4E6  | 190.8E6  | 48.492   | 49.428     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.686  | 119.6E6  | 174.4E6  | 48.435   | 48.080     |
| 4)                          | MA Heptachlor   | 4.489 | 5.198  | 109.0E6  | 161.7E6  | 48.617   | 48.068     |
| 5)                          | MB Aldrin       | 4.737 | 5.504  | 94810959 | 146.9E6  | 48.048   | 47.171     |
| 6)                          | B beta-BHC      | 4.436 | 4.856  | 52657145 | 79398945 | 51.561   | 52.518     |
| 7)                          | B delta-BHC     | 4.641 | 5.074  | 113.2E6  | 159.6E6  | 50.935   | 51.238     |
| 8)                          | B Heptachlo...  | 5.180 | 5.891  | 89640738 | 134.0E6  | 48.837   | 49.771     |
| 9)                          | A Endosulfan I  | 5.519 | 6.249  | 83821184 | 126.7E6  | 49.826   | 47.517     |
| 10)                         | B gamma-Chl...  | 5.408 | 6.126  | 89362227 | 136.6E6  | 49.259   | 47.703     |
| 11)                         | B alpha-Chl...  | 5.466 | 6.199  | 87505109 | 134.7E6  | 48.525   | 47.111     |
| 12)                         | B 4,4'-DDE      | 5.631 | 6.356  | 81870920 | 124.1E6  | 49.162   | 46.371     |
| 13)                         | MA Dieldrin     | 5.762 | 6.507  | 87741658 | 129.0E6  | 49.725   | 46.639     |
| 14)                         | MA Endrin       | 6.019 | 6.725  | 71806080 | 100.4E6  | 49.332   | 47.160     |
| 15)                         | B Endosulfa...  | 6.292 | 6.934  | 76475273 | 108.4E6  | 45.790   | 43.169     |
| 16)                         | A 4,4'-DDD      | 6.147 | 6.848  | 72269560 | 106.3E6  | 47.342   | 46.326     |
| 17)                         | MA 4,4'-DDT     | 6.388 | 7.147  | 58850426 | 84072406 | 45.264   | 42.697     |
| 18)                         | B Endrin al...  | 6.461 | 7.059  | 65710024 | 94384727 | 46.061   | 43.458     |
| 19)                         | B Endosulfa...  | 6.674 | 7.281  | 77027367 | 107.8E6  | 46.859   | 46.107     |
| 20)                         | A Methoxychlor  | 6.935 | 7.607  | 32679296 | 45431849 | 43.690   | 40.020     |
| 21)                         | B Endrin ke...  | 7.164 | 7.753  | 85169775 | 112.6E6  | 45.381   | 43.604     |
| 22)                         | Mirex           | 7.354 | 8.210  | 57819558 | 74416959 | 40.641   | 40.264     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0        | 146.9E6  | N.D.     | 1282.335 # |
| 25)                         | Chlordane-3     | 5.408 | 6.126  | 89362227 | 136.6E6  | 528.410  | 353.048 #  |
| 26)                         | Chlordane-4     | 5.466 | 6.199  | 87505109 | 134.7E6  | 627.189  | 290.996 #  |
| 27)                         | Chlordane-5     | 6.292 | 0.000  | 76475273 | 0        | 1347.808 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

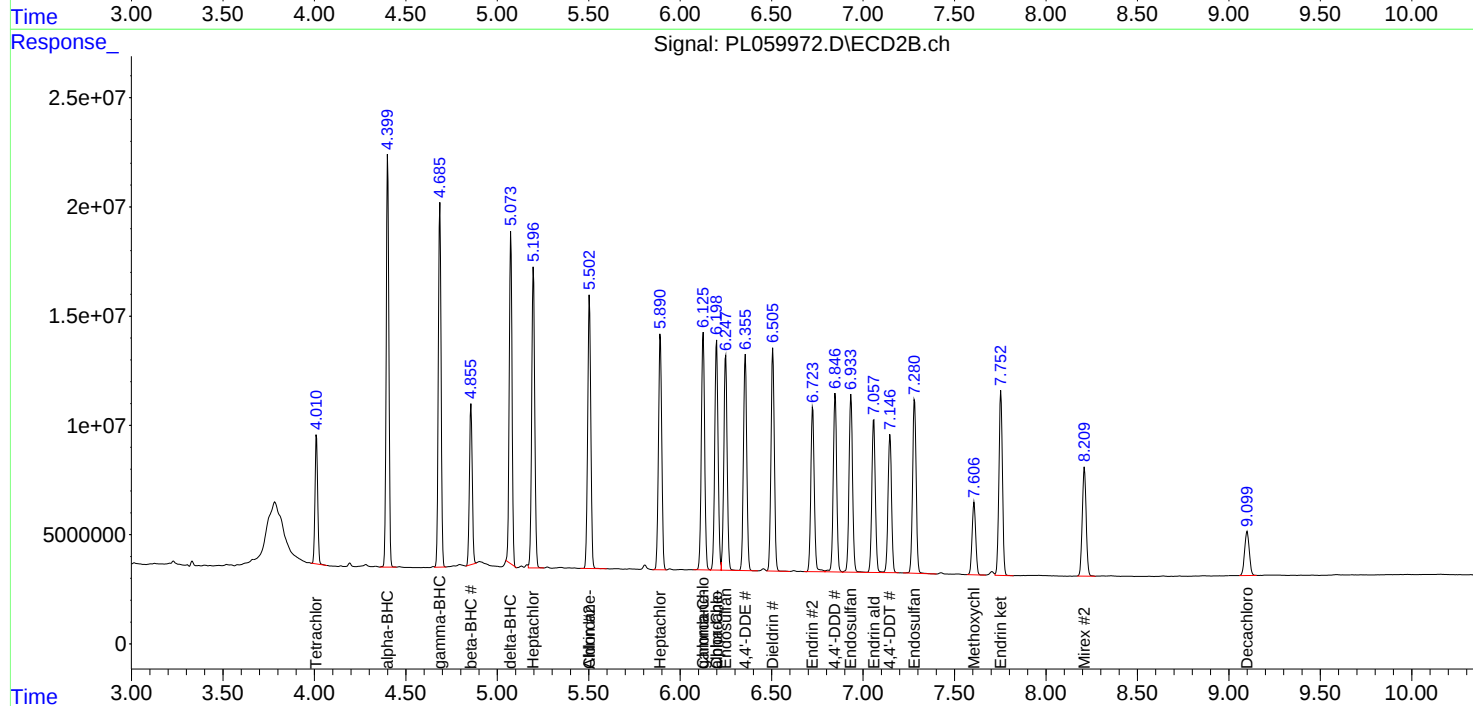
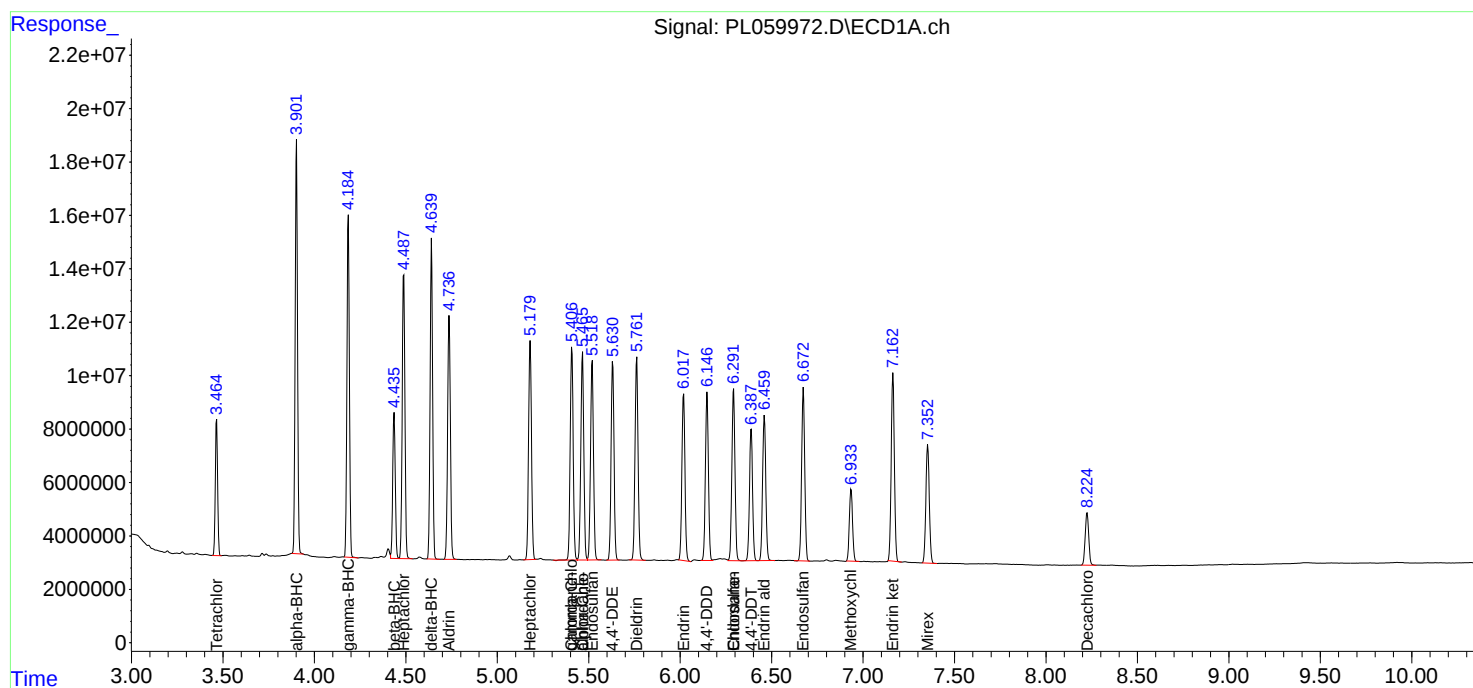
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

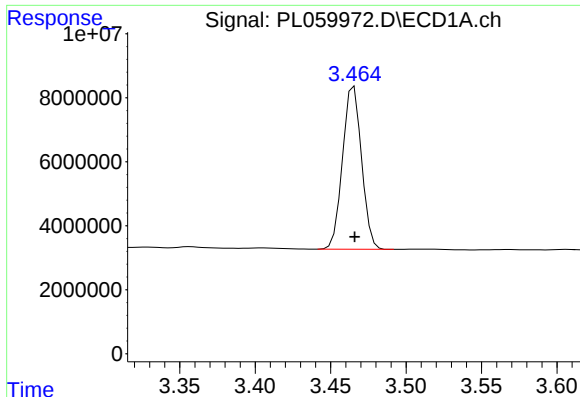
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071620\  
Data File : PL059972.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2020 18:22  
Operator : DD\AJ  
Sample : L3187-08MS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 04:52:31 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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

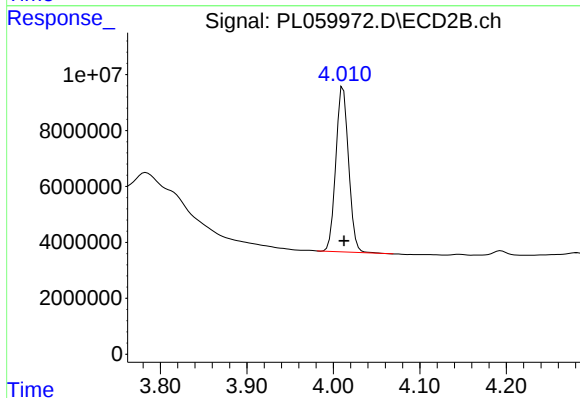




#1 Tetrachloro-m-xylene

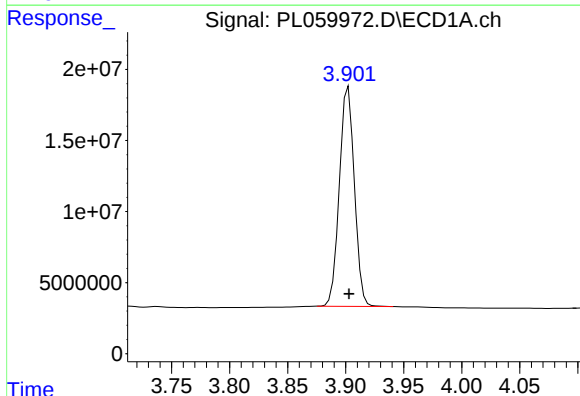
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 44659601  
Conc: 23.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



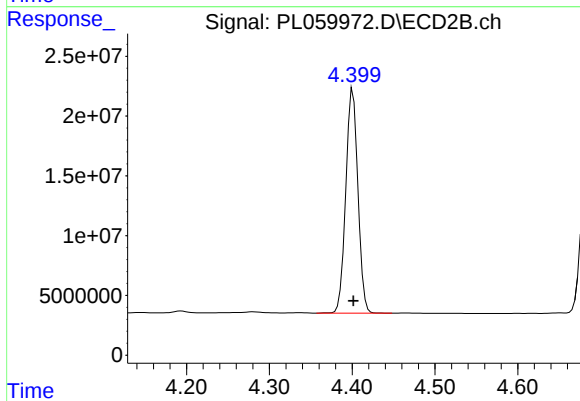
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: 0.000 min  
Response: 60137102  
Conc: 22.69 ng/ml



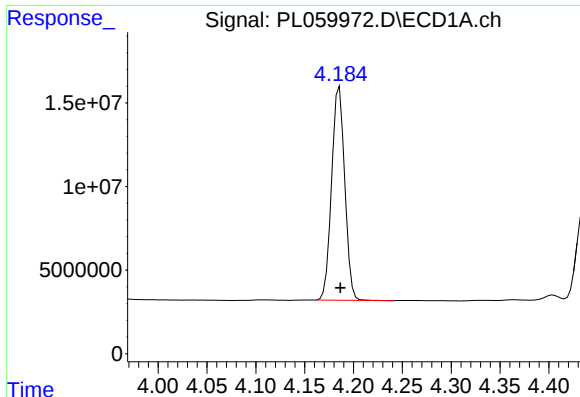
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 139382117  
Conc: 48.49 ng/ml



#2 alpha-BHC

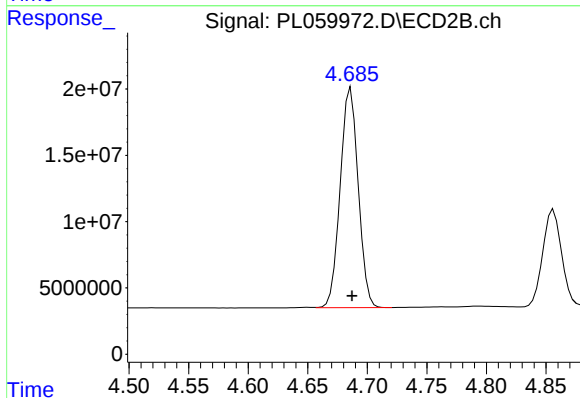
R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 190819958  
Conc: 49.43 ng/ml



#3 gamma-BHC (Lindane)

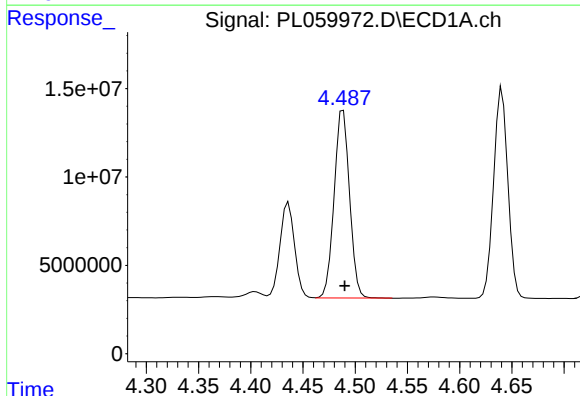
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 119617017  
Conc: 48.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



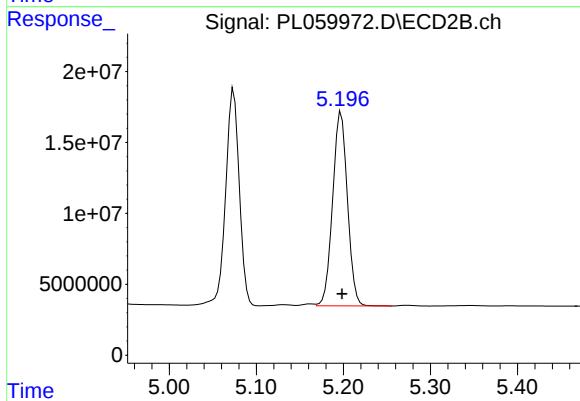
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: -0.001 min  
Response: 174383591  
Conc: 48.08 ng/ml



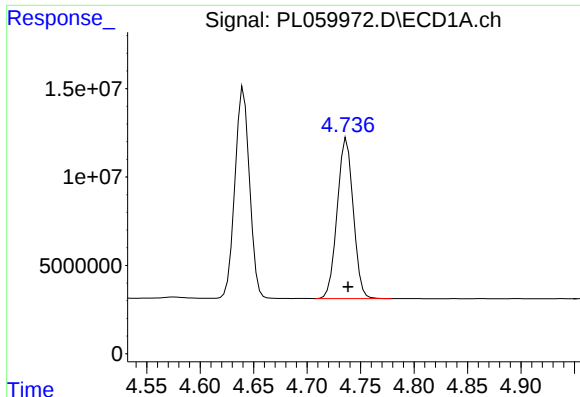
#4 Heptachlor

R.T.: 4.489 min  
Delta R.T.: -0.001 min  
Response: 109034373  
Conc: 48.62 ng/ml



#4 Heptachlor

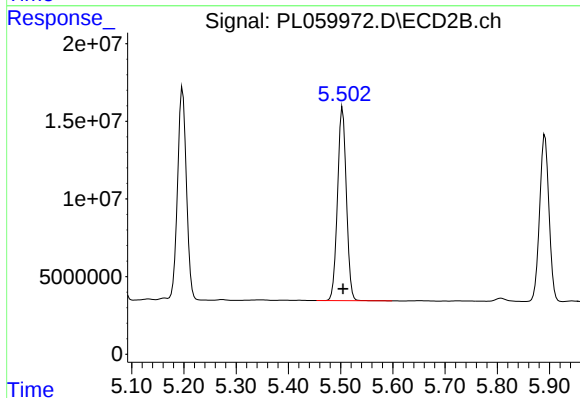
R.T.: 5.198 min  
Delta R.T.: -0.001 min  
Response: 161704562  
Conc: 48.07 ng/ml



#5 Aldrin

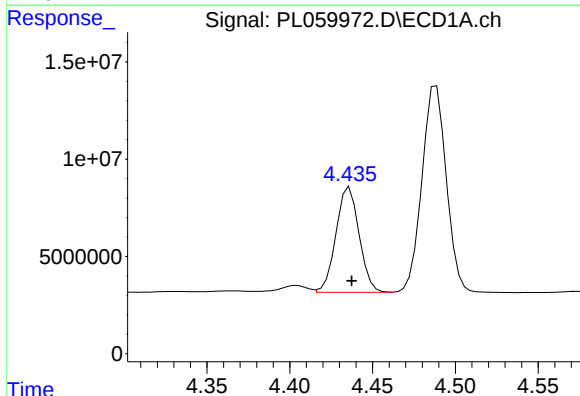
R.T.: 4.737 min  
Delta R.T.: -0.001 min  
Response: 94810959  
Conc: 48.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



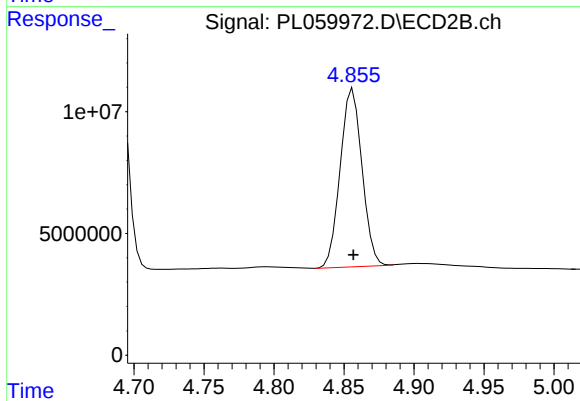
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 146923747  
Conc: 47.17 ng/ml



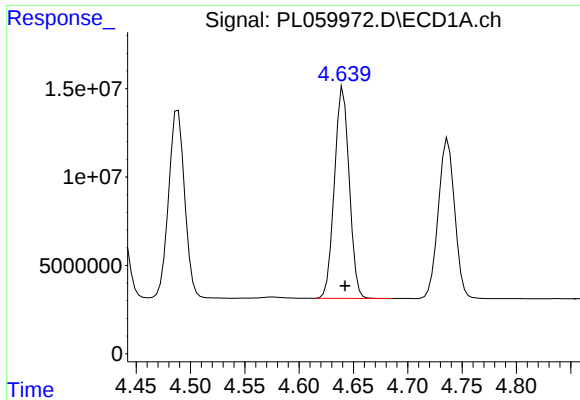
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 52657145  
Conc: 51.56 ng/ml



#6 beta-BHC

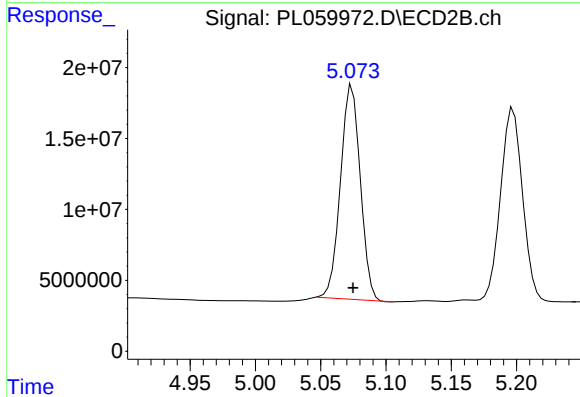
R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 79398945  
Conc: 52.52 ng/ml



#7 delta-BHC

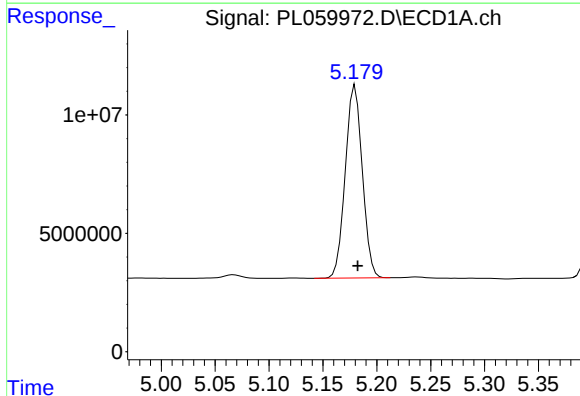
R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 113231014  
Conc: 50.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



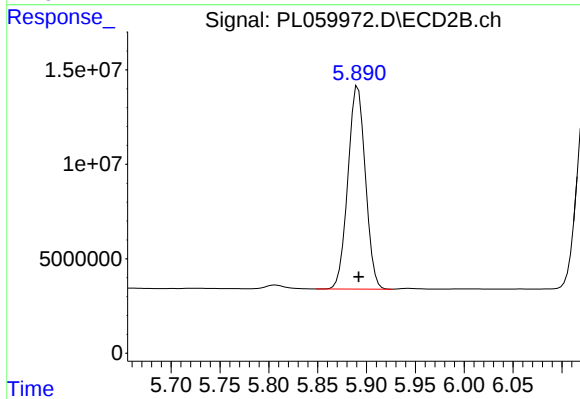
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 159641335  
Conc: 51.24 ng/ml



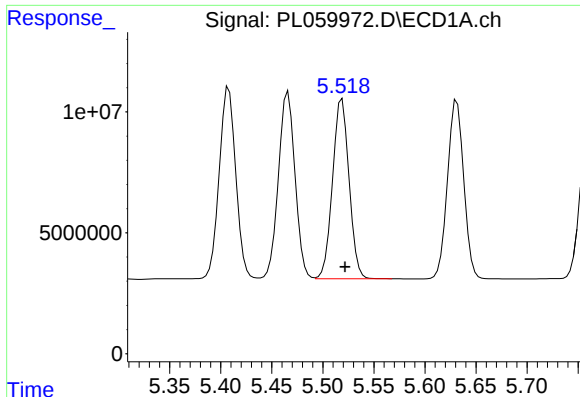
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.002 min  
Response: 89640738  
Conc: 48.84 ng/ml



#8 Heptachlor epoxide

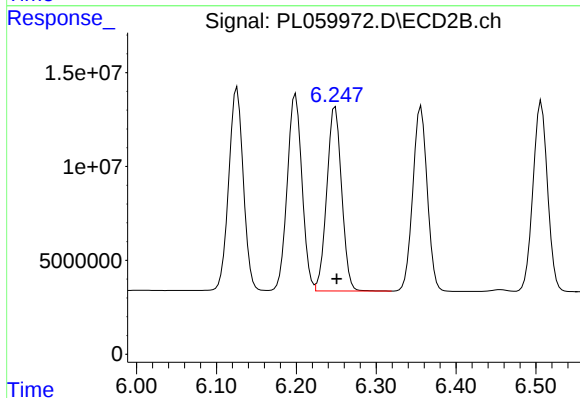
R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 134045699  
Conc: 49.77 ng/ml



#9 Endosulfan I

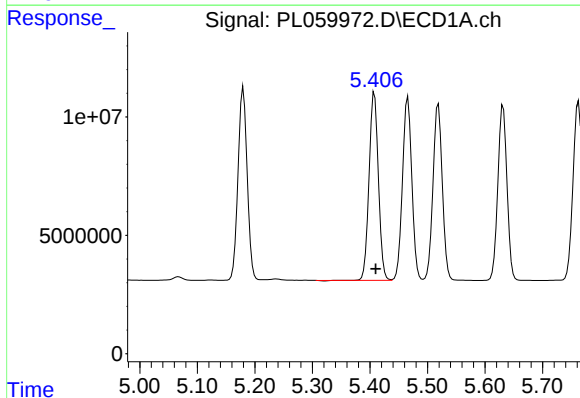
R.T.: 5.519 min  
Delta R.T.: -0.003 min  
Response: 83821184  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



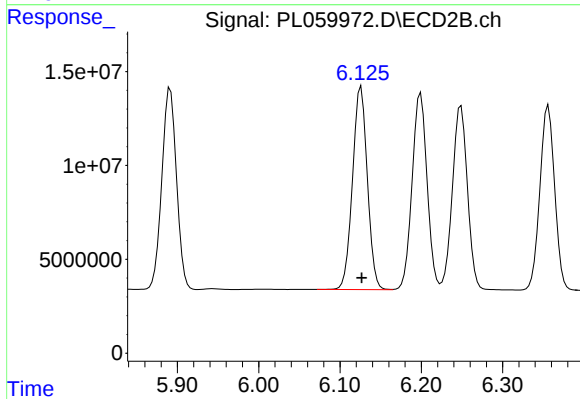
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: -0.002 min  
Response: 126742440  
Conc: 47.52 ng/ml



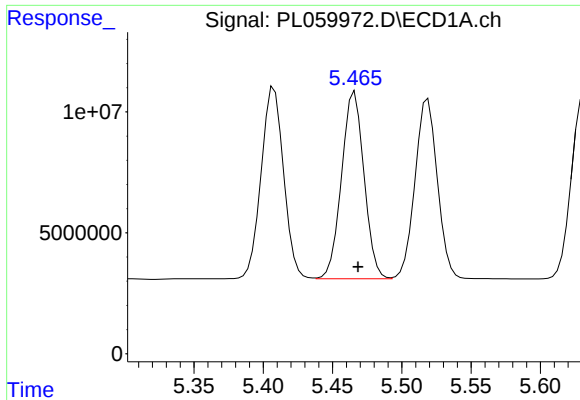
#10 gamma-Chlordane

R.T.: 5.408 min  
Delta R.T.: -0.002 min  
Response: 89362227  
Conc: 49.26 ng/ml



#10 gamma-Chlordane

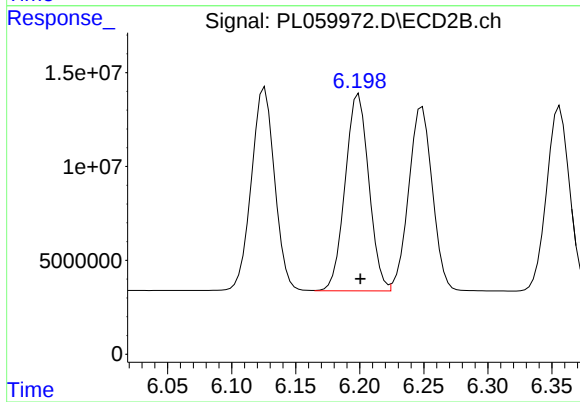
R.T.: 6.126 min  
Delta R.T.: -0.001 min  
Response: 136600671  
Conc: 47.70 ng/ml



#11 alpha-Chlordane

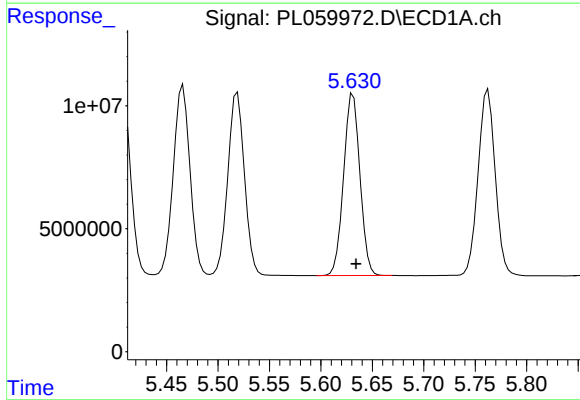
R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 87505109  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



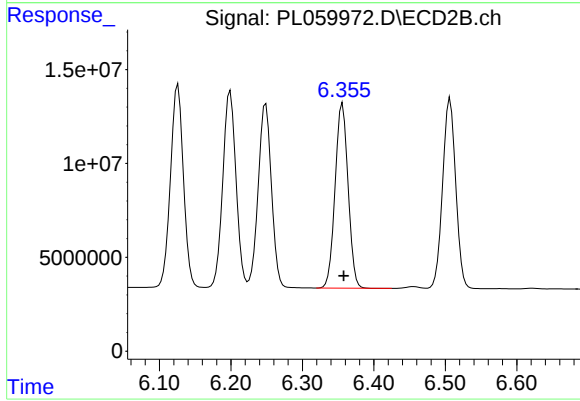
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: -0.001 min  
Response: 134701624  
Conc: 47.11 ng/ml



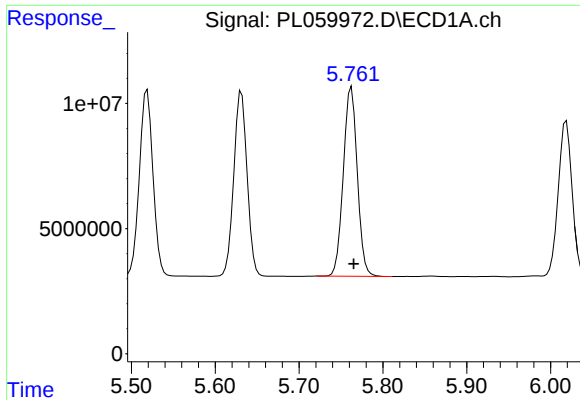
#12 4,4'-DDE

R.T.: 5.631 min  
Delta R.T.: -0.003 min  
Response: 81870920  
Conc: 49.16 ng/ml



#12 4,4'-DDE

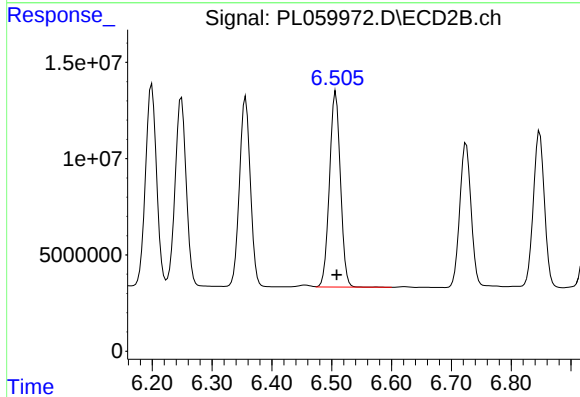
R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 124120359  
Conc: 46.37 ng/ml



#13 Dieldrin

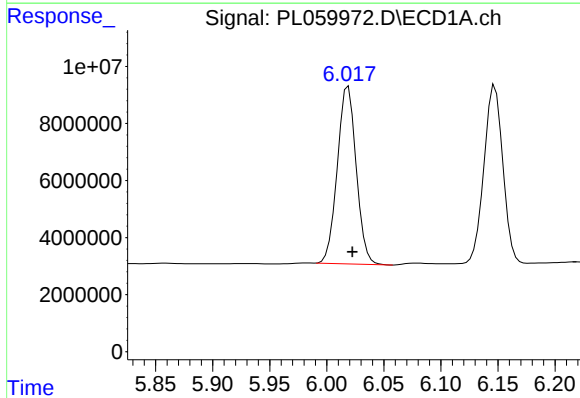
R.T.: 5.762 min  
Delta R.T.: -0.003 min  
Response: 87741658  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



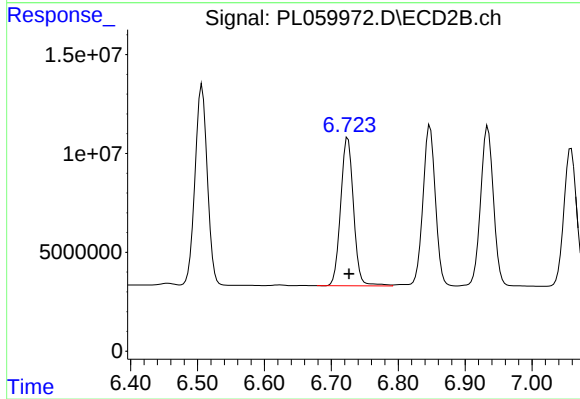
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 129013410  
Conc: 46.64 ng/ml



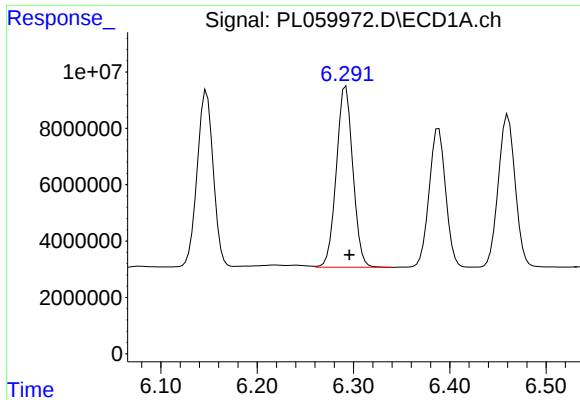
#14 Endrin

R.T.: 6.019 min  
Delta R.T.: -0.004 min  
Response: 71806080  
Conc: 49.33 ng/ml



#14 Endrin

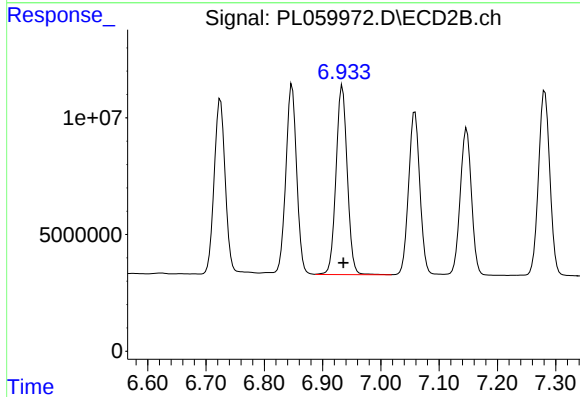
R.T.: 6.725 min  
Delta R.T.: -0.002 min  
Response: 100361798  
Conc: 47.16 ng/ml



#15 Endosulfan II

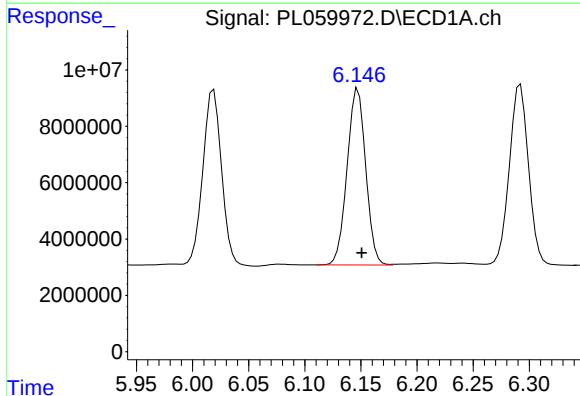
R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 76475273  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



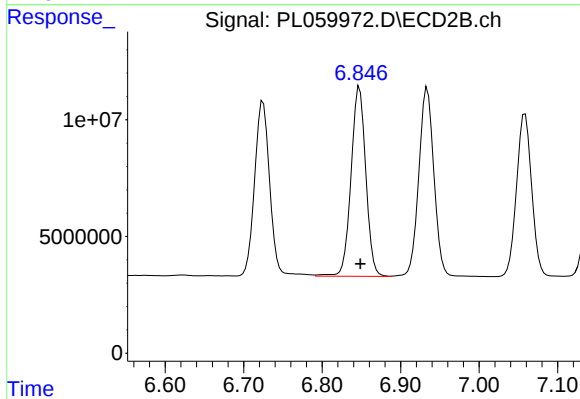
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 108422800  
Conc: 43.17 ng/ml



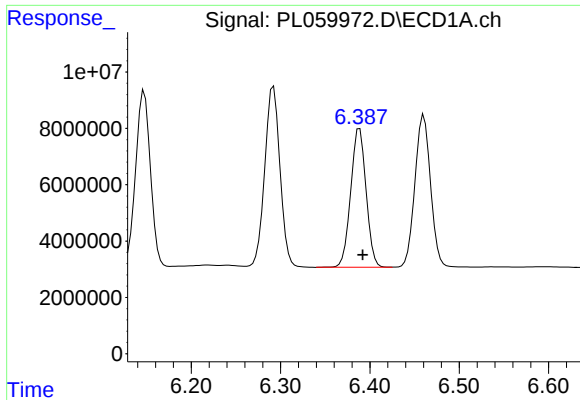
#16 4,4'-DDD

R.T.: 6.147 min  
Delta R.T.: -0.003 min  
Response: 72269560  
Conc: 47.34 ng/ml



#16 4,4'-DDD

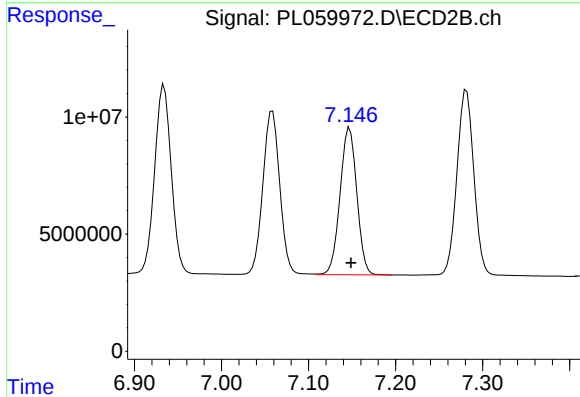
R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 106341358  
Conc: 46.33 ng/ml



#17 4,4'-DDT

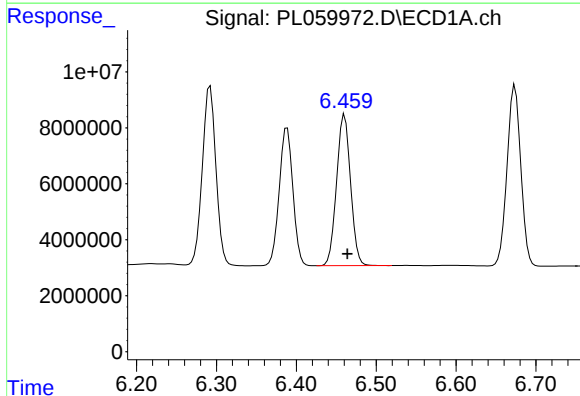
R.T.: 6.388 min  
Delta R.T.: -0.004 min  
Response: 58850426  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



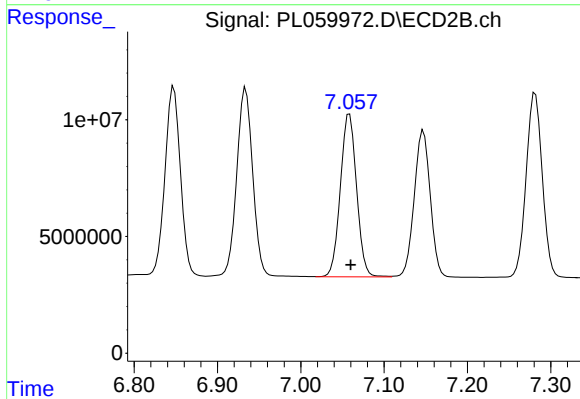
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 84072406  
Conc: 42.70 ng/ml



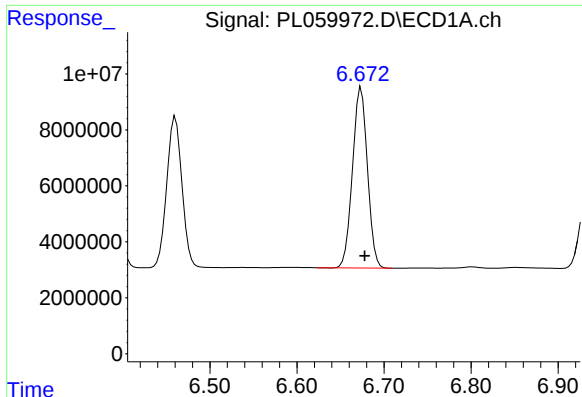
#18 Endrin aldehyde

R.T.: 6.461 min  
Delta R.T.: -0.004 min  
Response: 65710024  
Conc: 46.06 ng/ml



#18 Endrin aldehyde

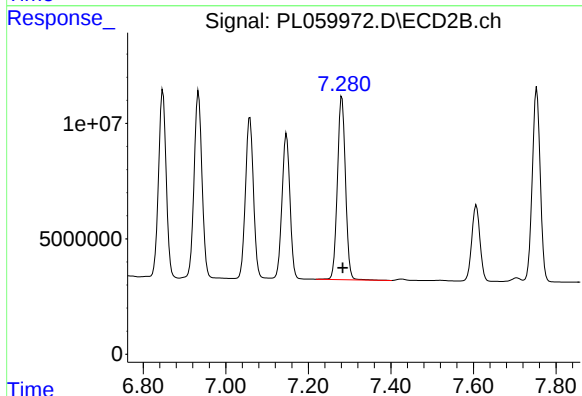
R.T.: 7.059 min  
Delta R.T.: -0.002 min  
Response: 94384727  
Conc: 43.46 ng/ml



#19 Endosulfan Sulfate

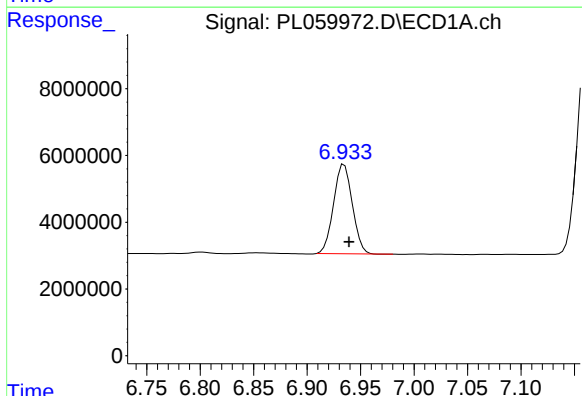
R.T.: 6.674 min  
Delta R.T.: -0.004 min  
Response: 77027367  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



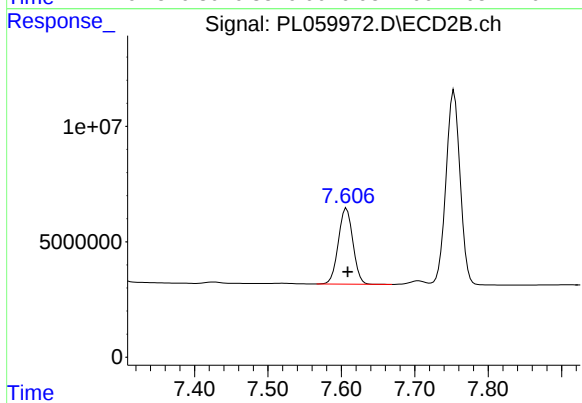
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: -0.002 min  
Response: 107839114  
Conc: 46.11 ng/ml



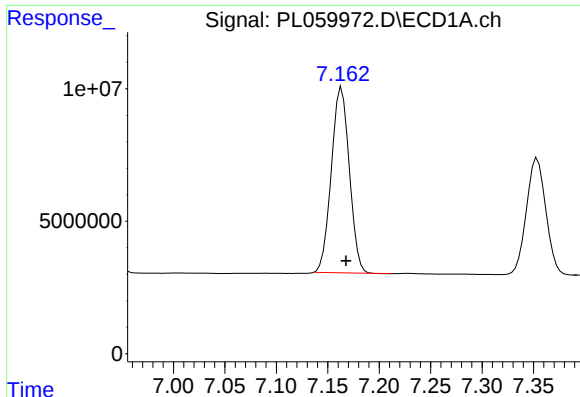
#20 Methoxychlor

R.T.: 6.935 min  
Delta R.T.: -0.005 min  
Response: 32679296  
Conc: 43.69 ng/ml



#20 Methoxychlor

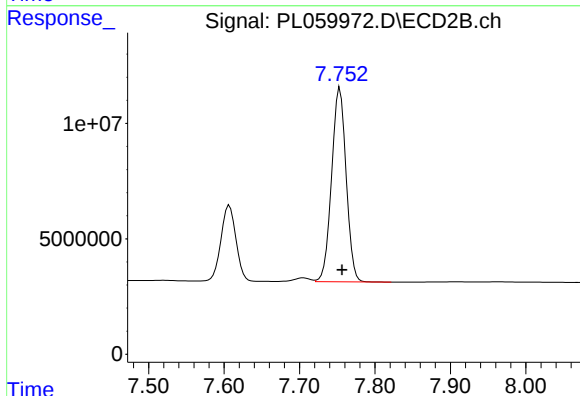
R.T.: 7.607 min  
Delta R.T.: -0.001 min  
Response: 45431849  
Conc: 40.02 ng/ml



#21 Endrin ketone

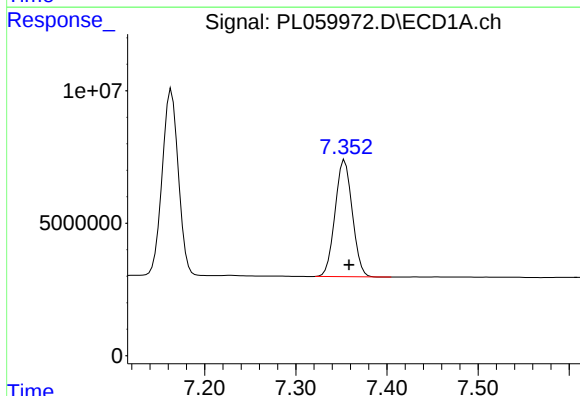
R.T.: 7.164 min  
Delta R.T.: -0.004 min  
Response: 85169775  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



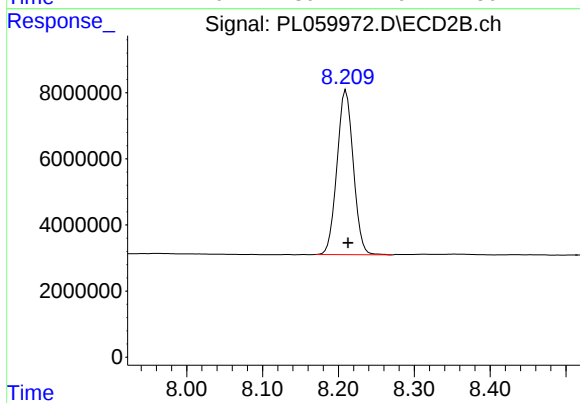
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.003 min  
Response: 112614772  
Conc: 43.60 ng/ml



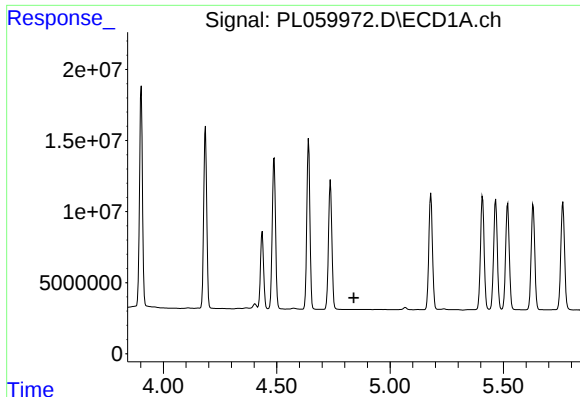
#22 Mirex

R.T.: 7.354 min  
Delta R.T.: -0.005 min  
Response: 57819558  
Conc: 40.64 ng/ml



#22 Mirex

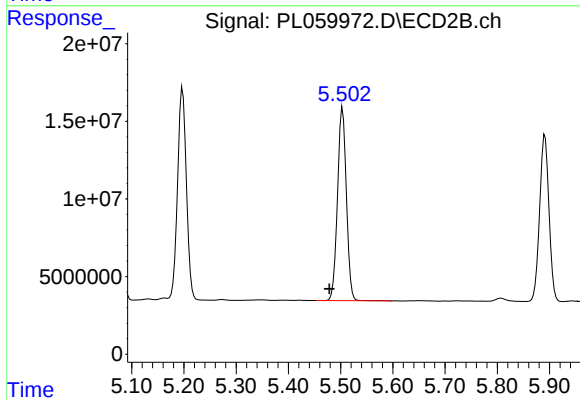
R.T.: 8.210 min  
Delta R.T.: -0.003 min  
Response: 74416959  
Conc: 40.26 ng/ml



#24 Chlordane-2

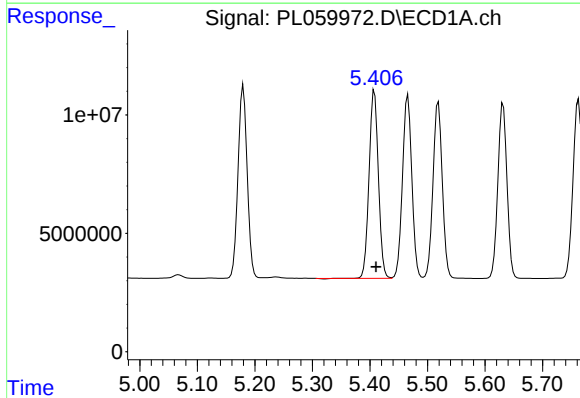
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



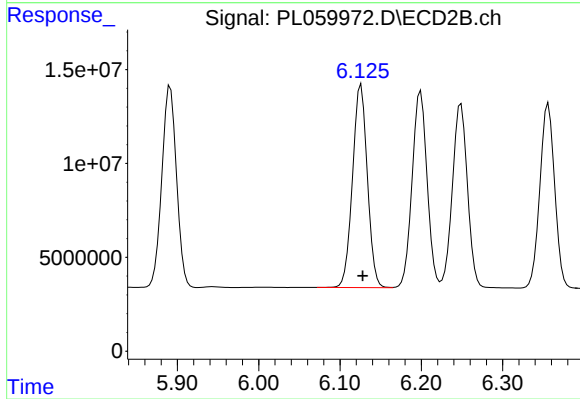
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.025 min  
Response: 146923747  
Conc: 1282.34 ng/ml



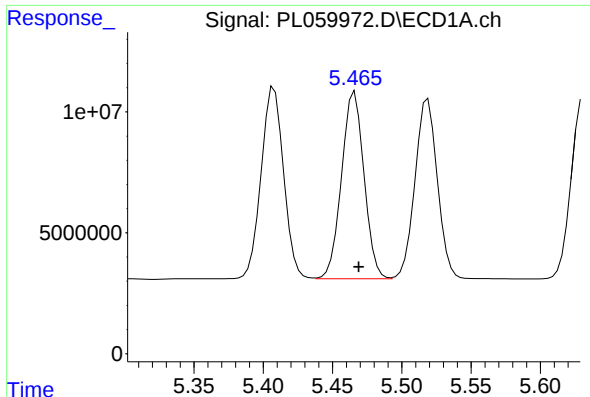
#25 Chlordane-3

R.T.: 5.408 min  
Delta R.T.: -0.003 min  
Response: 89362227  
Conc: 528.41 ng/ml



#25 Chlordane-3

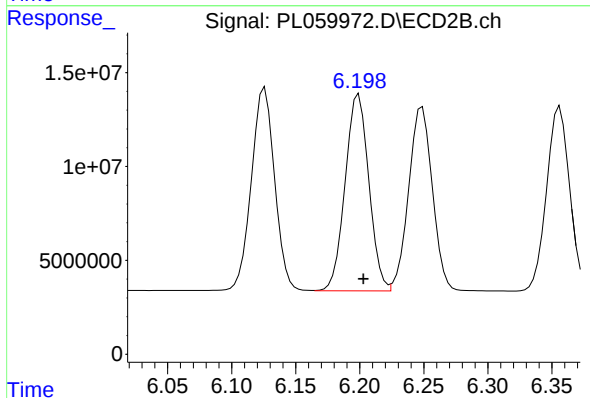
R.T.: 6.126 min  
Delta R.T.: -0.002 min  
Response: 136600671  
Conc: 353.05 ng/ml



#26 Chlordane-4

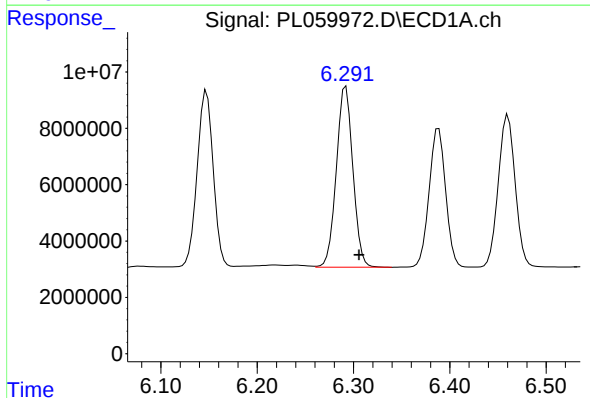
R.T.: 5.466 min  
Delta R.T.: -0.003 min  
Response: 87505109  
Conc: 627.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



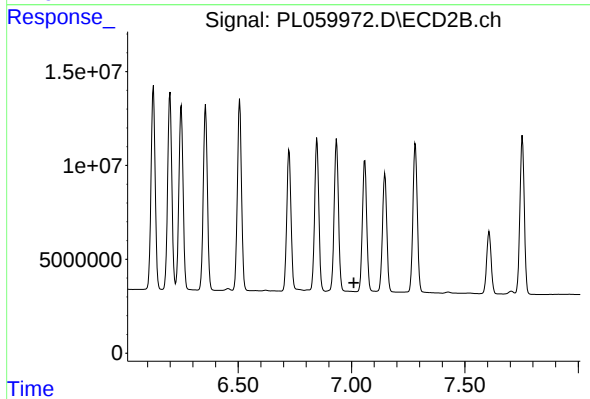
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: -0.004 min  
Response: 134701624  
Conc: 291.00 ng/ml



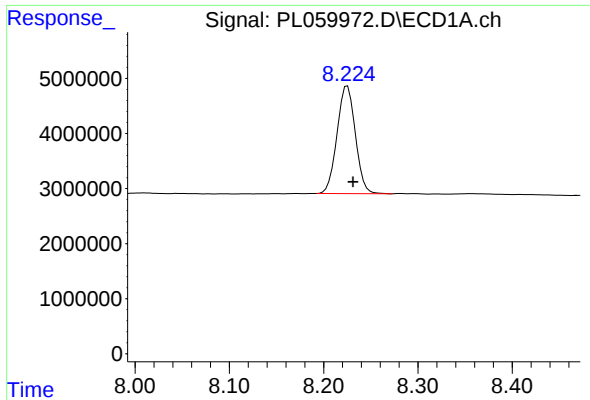
#27 Chlordane-5

R.T.: 6.292 min  
Delta R.T.: -0.013 min  
Response: 76475273  
Conc: 1347.81 ng/ml



#27 Chlordane-5

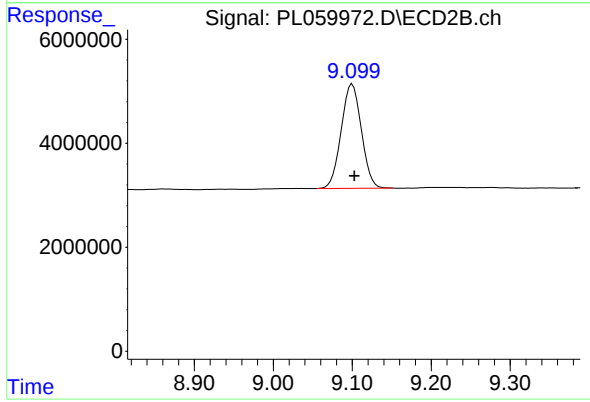
R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.225 min  
Delta R.T.: -0.006 min  
Response: 26428828  
Conc: 16.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: -0.003 min  
Response: 35686050  
Conc: 17.06 ng/ml