

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090920\  
 Data File : PL061336.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2020 14:54  
 Operator : DD\AJ  
 Sample : L3932-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 16:51:16 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 | 4.007  | 23899603 | 37918327 | 13.857   | 12.327    |
| 28)                         | SA Decachlor... | 8.210 | 9.092  | 28303866 | 44567851 | 16.965   | 18.848    |
| Target Compounds            |                 |       |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.895 | 4.397  | 74726188 | 127.8E6  | 29.200   | 27.664    |
| 3)                          | MA gamma-BHC... | 4.178 | 4.682  | 68458980 | 133.4E6  | 29.995   | 31.091    |
| 4)                          | MA Heptachlor   | 4.480 | 5.193  | 86092646 | 104.0E6  | 40.127   | 26.606 #  |
| 5)                          | MB Aldrin       | 4.728 | 5.499  | 53849632 | 108.1E6  | 28.047   | 28.613    |
| 6)                          | B beta-BHC      | 4.429 | 4.853  | 26821796 | 41931236 | 27.922   | 24.011    |
| 7)                          | B delta-BHC     | 4.633 | 5.071  | 66502563 | 105.3E6  | 30.700   | 33.016    |
| 8)                          | B Heptachlo...  | 5.170 | 5.886  | 61667293 | 123.3E6  | 33.096   | 41.297    |
| 9)                          | A Endosulfan I  | 5.508 | 6.244  | 53532447 | 91987441 | 31.116   | 28.676    |
| 10)                         | B gamma-Chl...  | 5.397 | 6.120  | 53373195 | 89556182 | 28.810   | 25.978    |
| 11)                         | B alpha-Chl...  | 5.456 | 6.194  | 57073222 | 99761056 | 30.809   | 28.667    |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.351  | 48058928 | 95596080 | 28.263   | 29.823    |
| 13)                         | MA Dieldrin     | 5.751 | 6.501  | 61276597 | 95958772 | 34.138   | 29.267    |
| 14)                         | MA Endrin       | 6.007 | 6.719  | 53598115 | 94313682 | 31.893   | 33.730    |
| 15)                         | B Endosulfa...  | 6.281 | 6.929  | 59159373 | 86719710 | 34.579   | 29.359    |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.843  | 44101458 | 87159641 | 30.516   | 33.941    |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.143  | 54117948 | 88709663 | 39.413   | 35.440    |
| 18)                         | B Endrin al...  | 6.448 | 7.054  | 50542736 | 79119369 | 34.334   | 32.339    |
| 19)                         | B Endosulfa...  | 6.661 | 7.277  | 60277895 | 84563354 | 36.625   | 30.911    |
| 20)                         | A Methoxychlor  | 6.921 | 7.603  | 37045258 | 50543639 | 43.274   | 35.138    |
| 21)                         | B Endrin ke...  | 7.151 | 7.749  | 67397418 | 106.0E6  | 36.856   | 39.045    |
| 22)                         | Mirex           | 7.339 | 8.205  | 53956165 | 78052206 | 36.085   | 40.535    |
| 23)                         | Chlordane-1     | 0.000 | 4.991  | 0        | 790912   | N.D.     | 7.276 #   |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 108.1E6  | N.D.     | 885.220 # |
| 25)                         | Chlordane-3     | 5.397 | 6.120  | 53373195 | 89556182 | 321.822  | 207.317 # |
| 26)                         | Chlordane-4     | 5.456 | 6.194  | 57073222 | 99761056 | 414.638  | 190.575 # |
| 27)                         | Chlordane-5     | 6.281 | 0.000  | 59159373 | 0        | 1052.530 | N.D. #    |
| -----                       |                 |       |        |          |          |          |           |

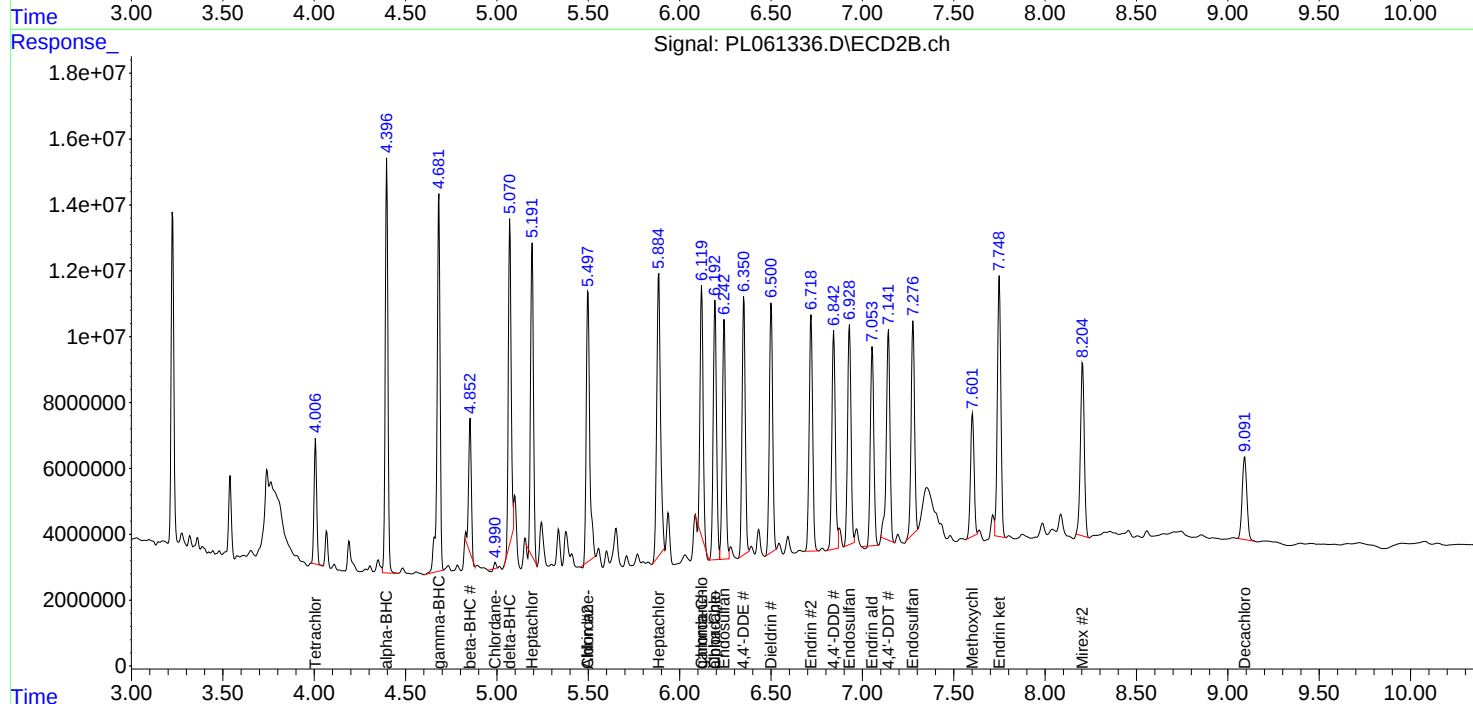
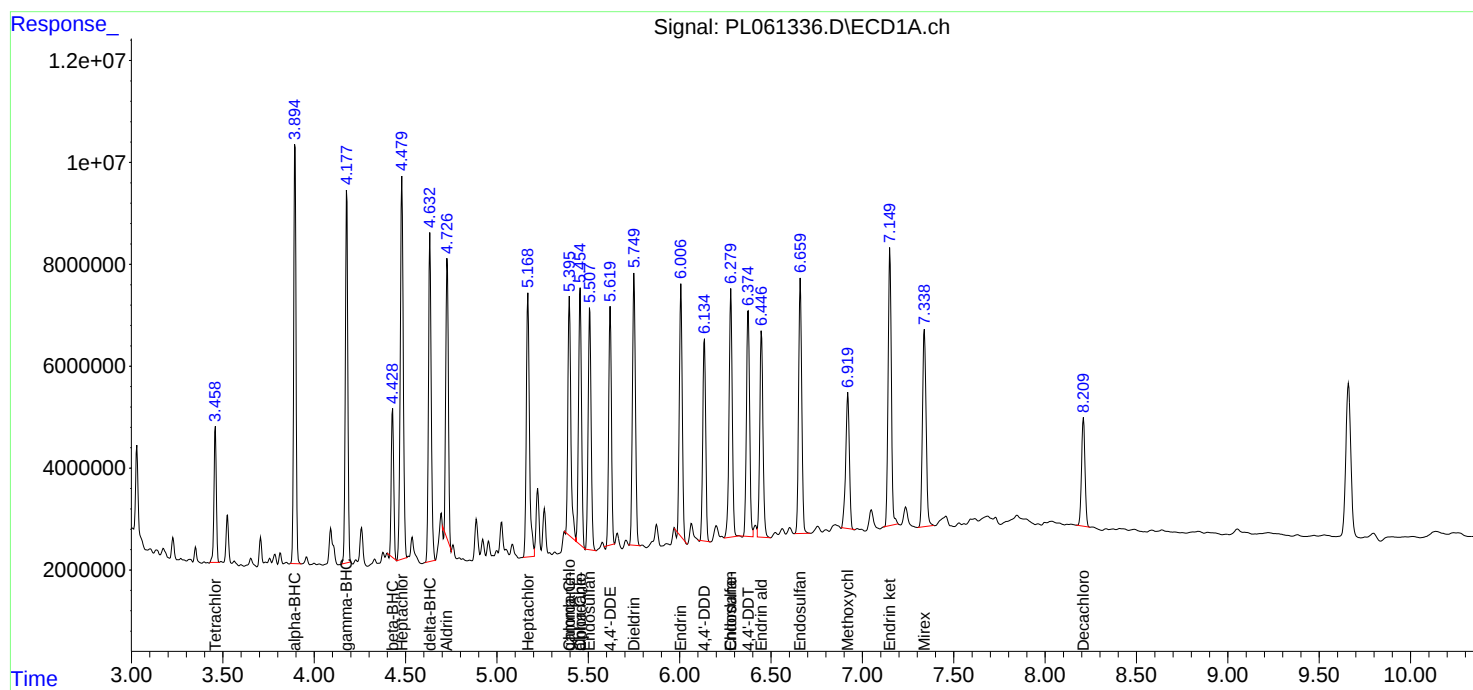
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

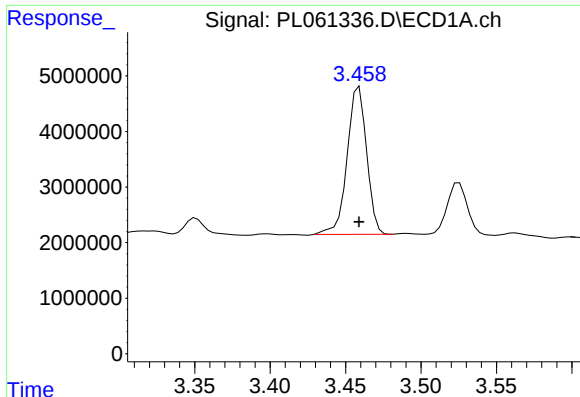
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090920\  
Data File : PL061336.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2020 14:54  
Operator : DD\AJ  
Sample : L3932-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 16:51:16 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

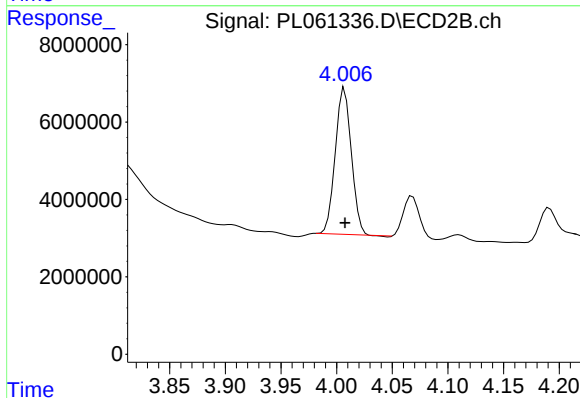




#1 Tetrachloro-m-xylene

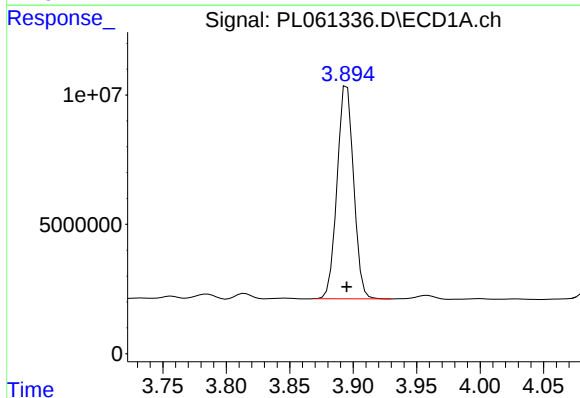
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 23899603  
Conc: 13.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



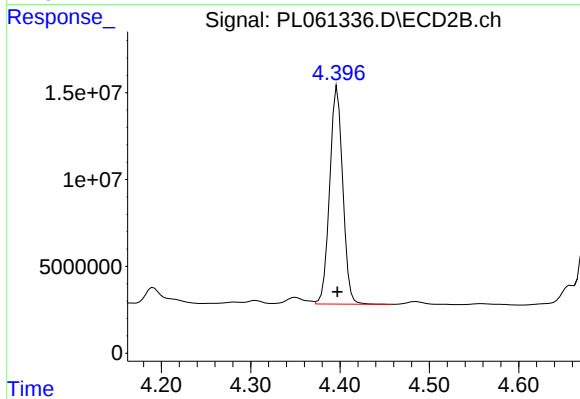
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 37918327  
Conc: 12.33 ng/ml



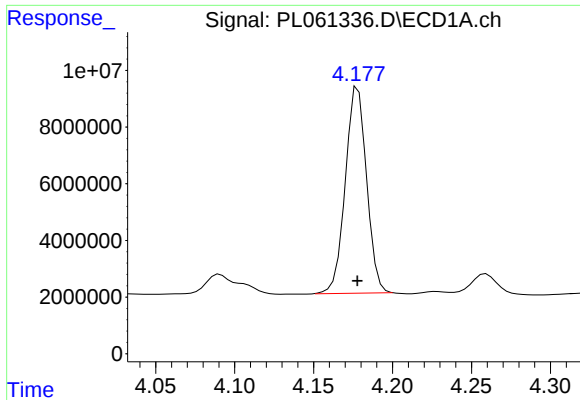
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 74726188  
Conc: 29.20 ng/ml



#2 alpha-BHC

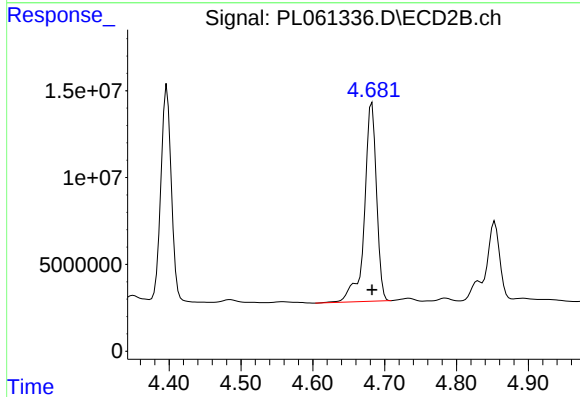
R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 127756090  
Conc: 27.66 ng/ml



#3 gamma-BHC (Lindane)

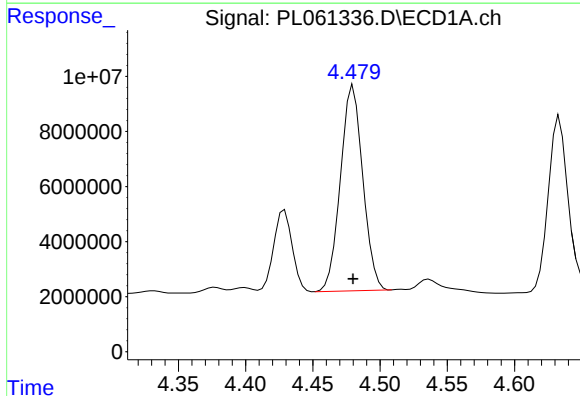
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 68458980  
Conc: 29.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



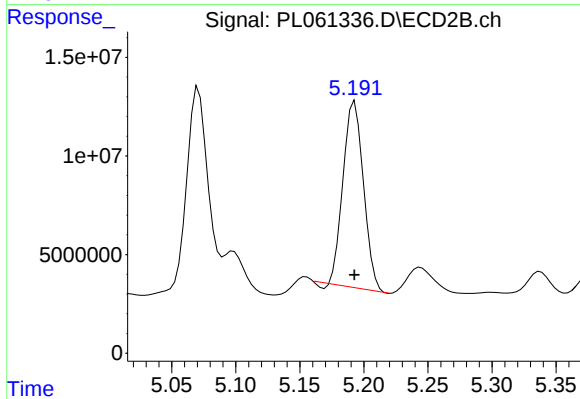
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 133392055  
Conc: 31.09 ng/ml



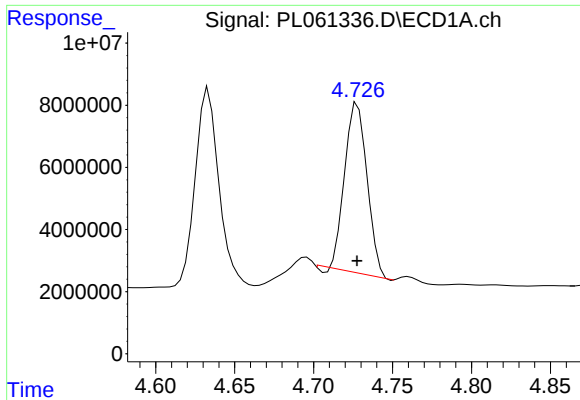
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 86092646  
Conc: 40.13 ng/ml



#4 Heptachlor

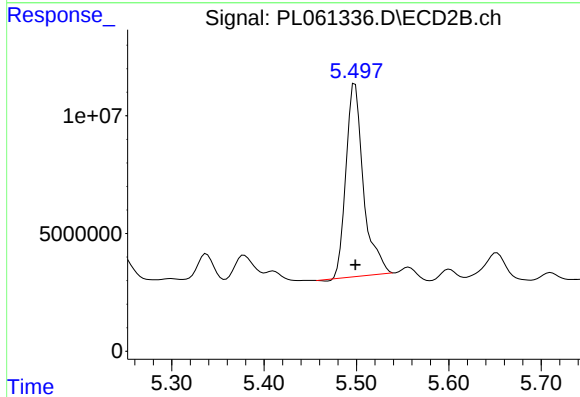
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 104010175  
Conc: 26.61 ng/ml



#5 Aldrin

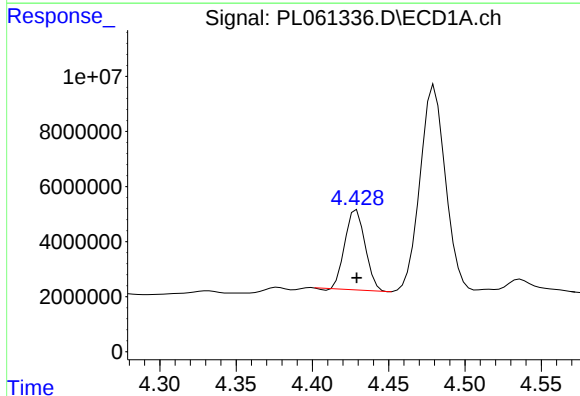
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 53849632  
Conc: 28.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



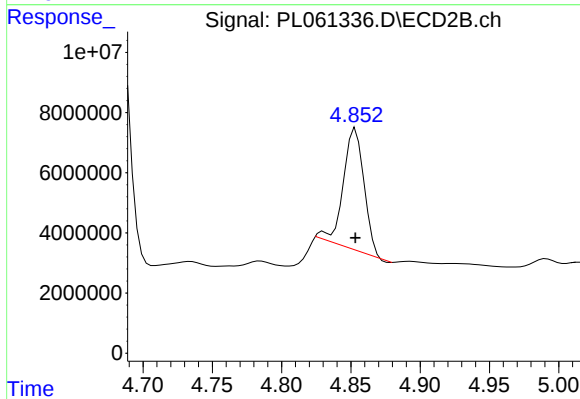
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 108118277  
Conc: 28.61 ng/ml



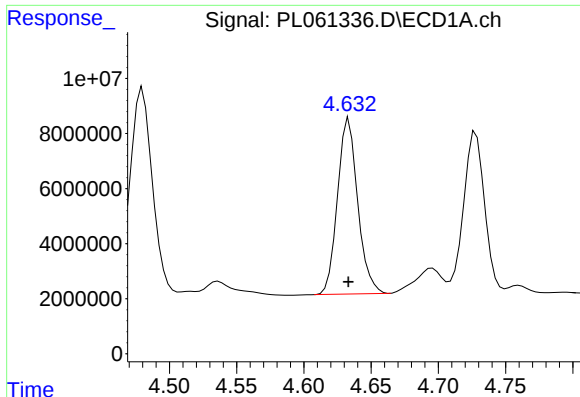
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 26821796  
Conc: 27.92 ng/ml



#6 beta-BHC

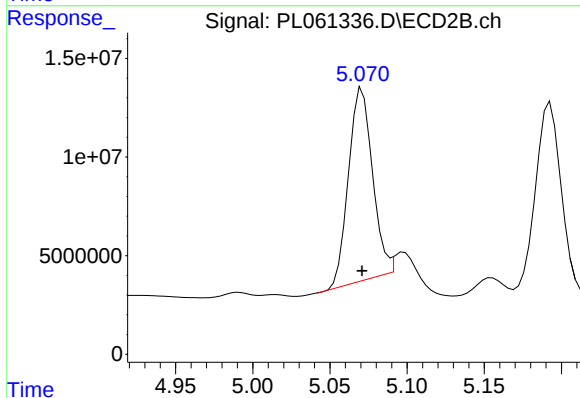
R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 41931236  
Conc: 24.01 ng/ml



#7 delta-BHC

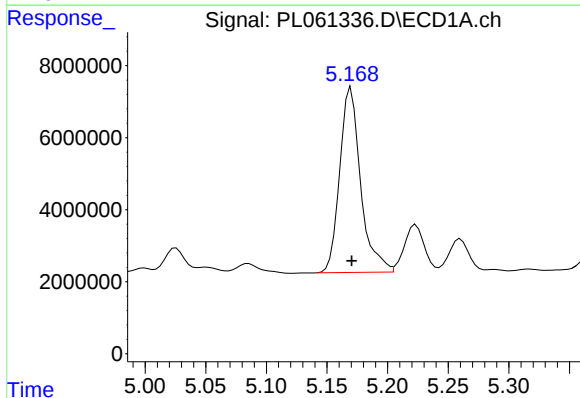
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 66502563  
Conc: 30.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



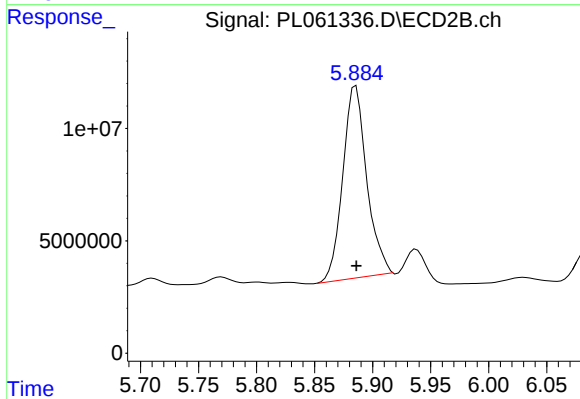
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 105305123  
Conc: 33.02 ng/ml



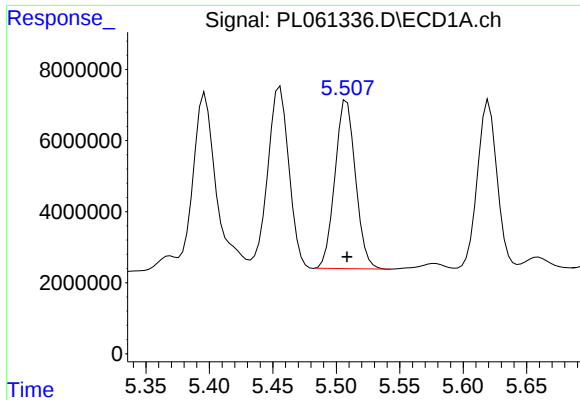
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 61667293  
Conc: 33.10 ng/ml



#8 Heptachlor epoxide

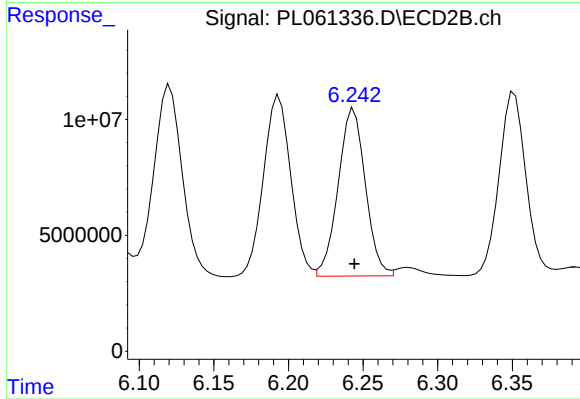
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 123307564  
Conc: 41.30 ng/ml



#9 Endosulfan I

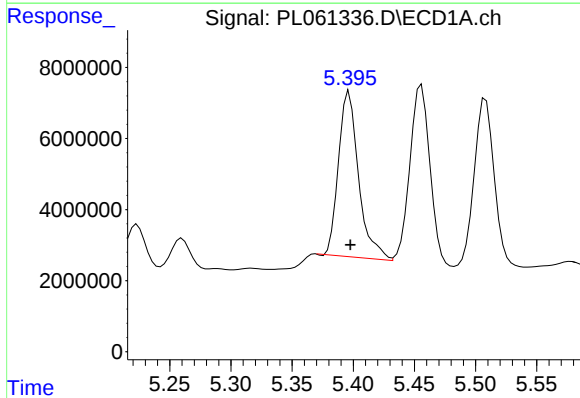
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 53532447  
Conc: 31.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



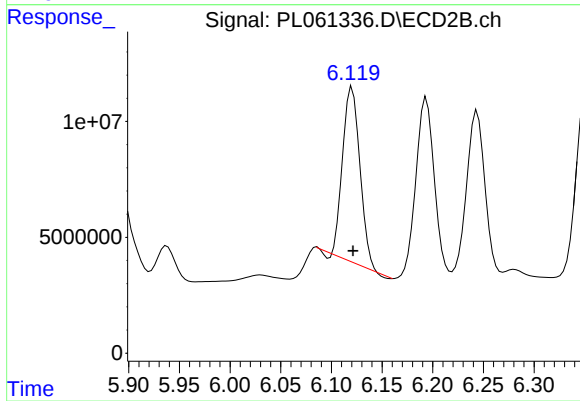
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 91987441  
Conc: 28.68 ng/ml



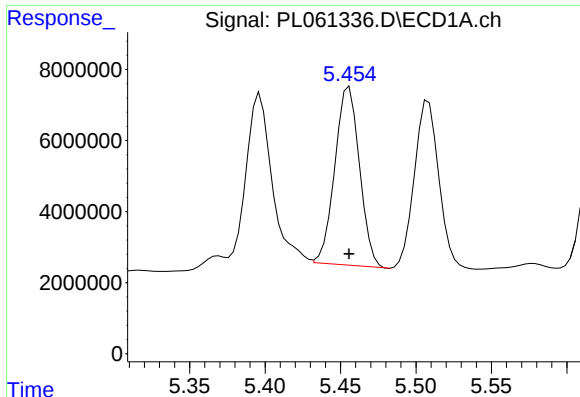
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 53373195  
Conc: 28.81 ng/ml



#10 gamma-Chlordane

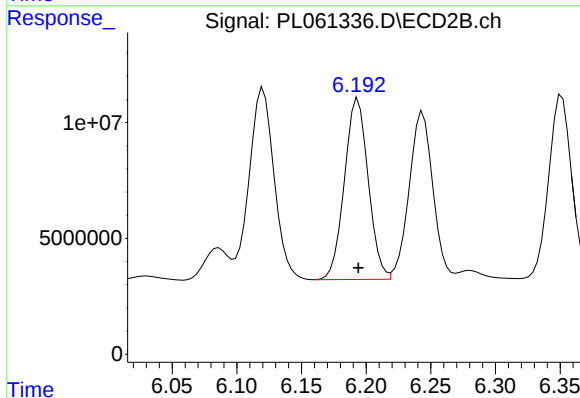
R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 89556182  
Conc: 25.98 ng/ml



#11 alpha-Chlordane

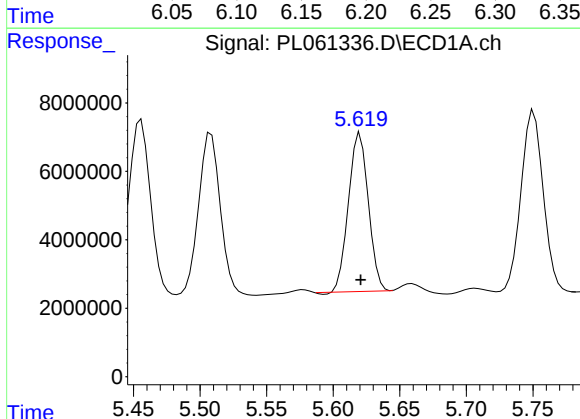
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 57073222  
Conc: 30.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



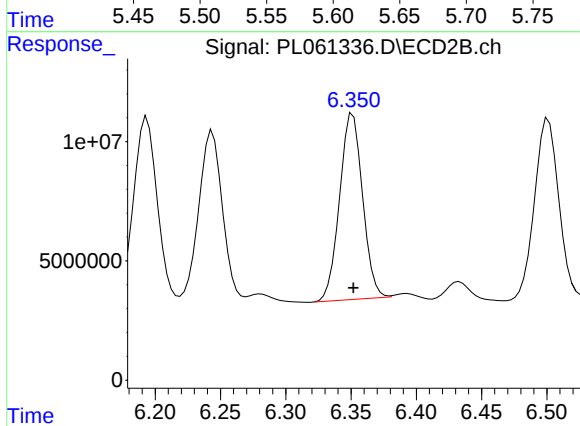
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 99761056  
Conc: 28.67 ng/ml



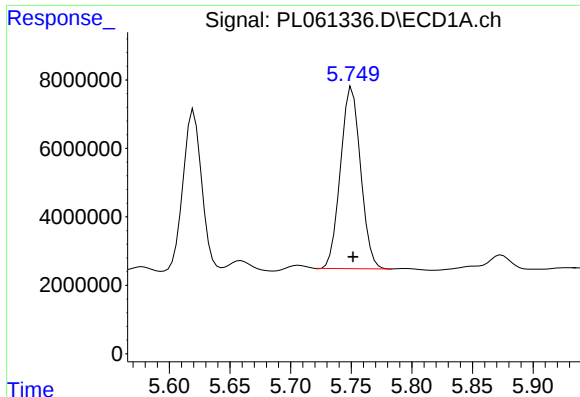
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 48058928  
Conc: 28.26 ng/ml



#12 4,4'-DDE

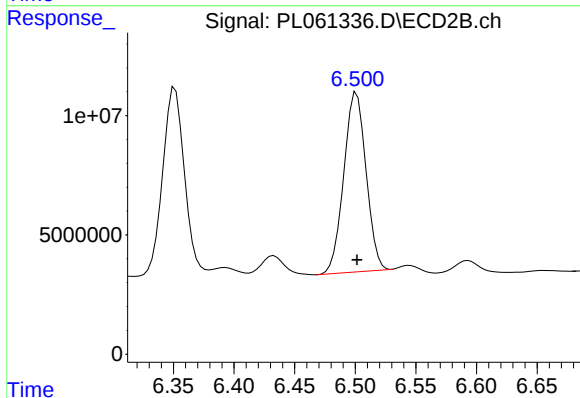
R.T.: 6.351 min  
Delta R.T.: 0.000 min  
Response: 95596080  
Conc: 29.82 ng/ml



#13 Dieldrin

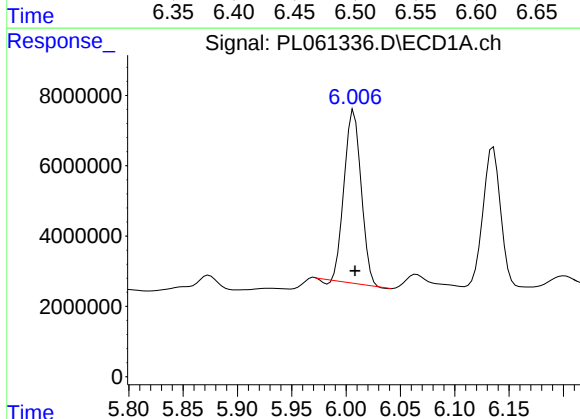
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 61276597  
Conc: 34.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



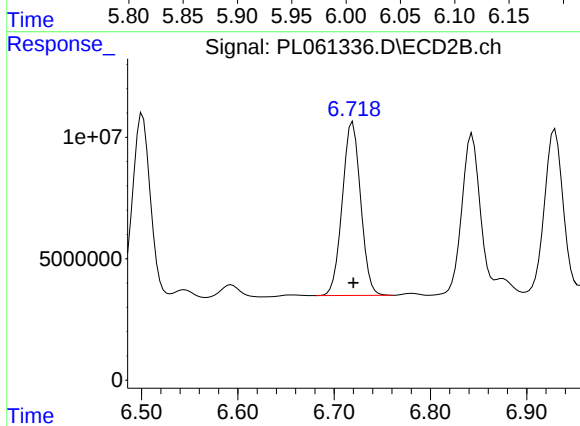
#13 Dieldrin

R.T.: 6.501 min  
Delta R.T.: 0.000 min  
Response: 95958772  
Conc: 29.27 ng/ml



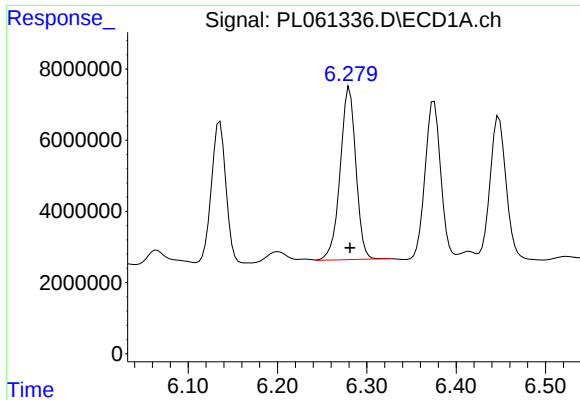
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: -0.001 min  
Response: 53598115  
Conc: 31.89 ng/ml



#14 Endrin

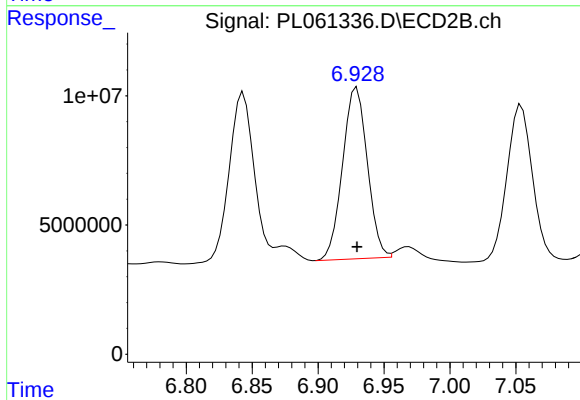
R.T.: 6.719 min  
Delta R.T.: 0.000 min  
Response: 94313682  
Conc: 33.73 ng/ml



#15 Endosulfan II

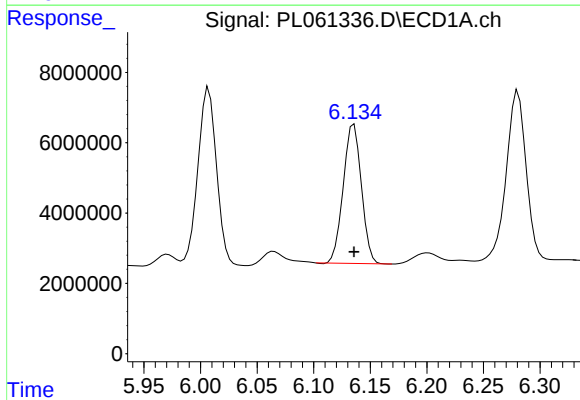
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 59159373  
Conc: 34.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



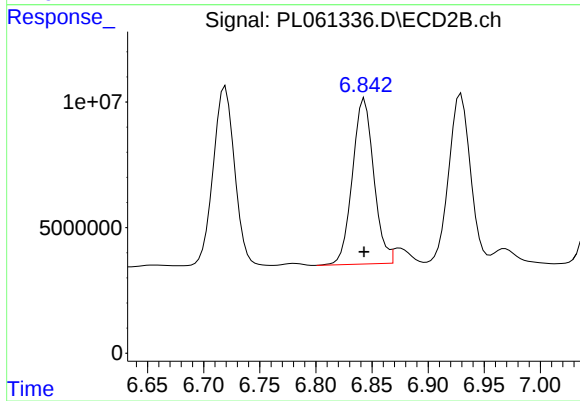
#15 Endosulfan II

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 86719710  
Conc: 29.36 ng/ml



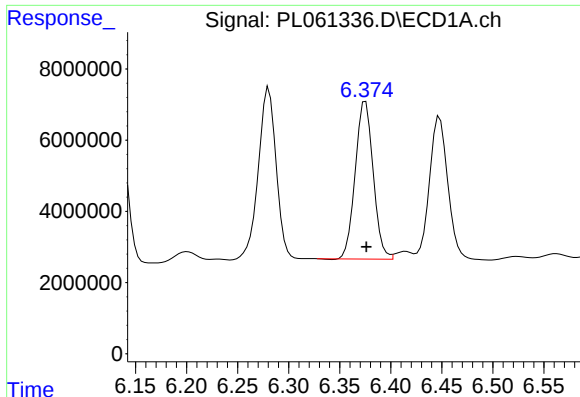
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 44101458  
Conc: 30.52 ng/ml



#16 4,4'-DDD

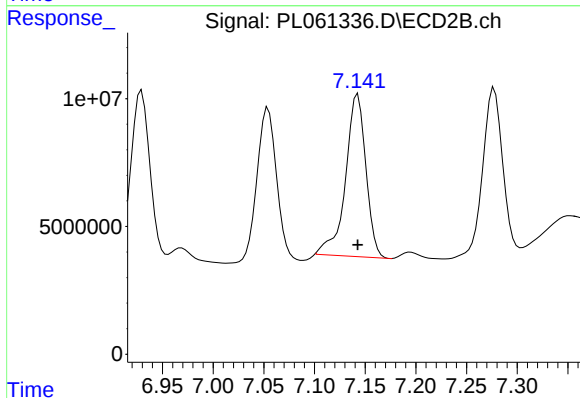
R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 87159641  
Conc: 33.94 ng/ml



#17 4,4'-DDT

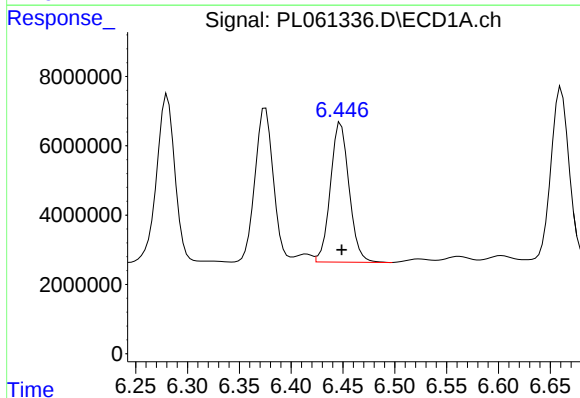
R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 54117948  
Conc: 39.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



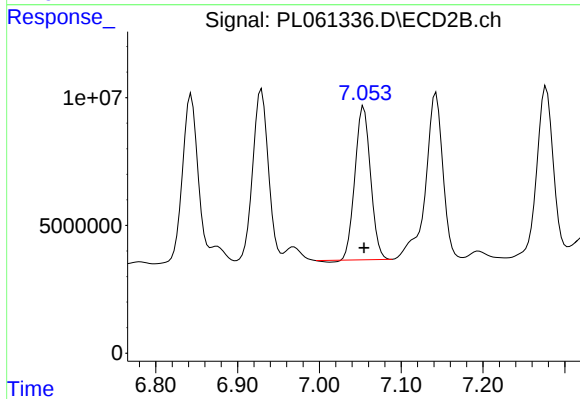
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 88709663  
Conc: 35.44 ng/ml



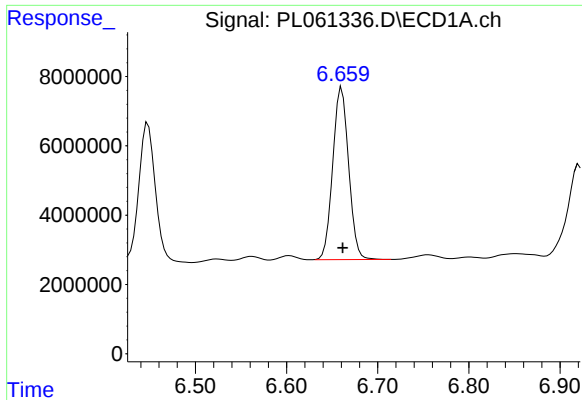
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 50542736  
Conc: 34.33 ng/ml



#18 Endrin aldehyde

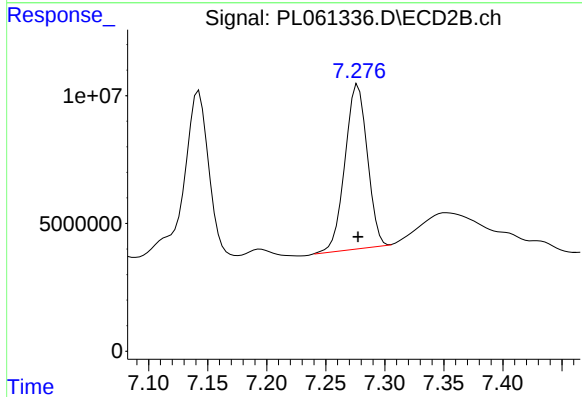
R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 79119369  
Conc: 32.34 ng/ml



#19 Endosulfan Sulfate

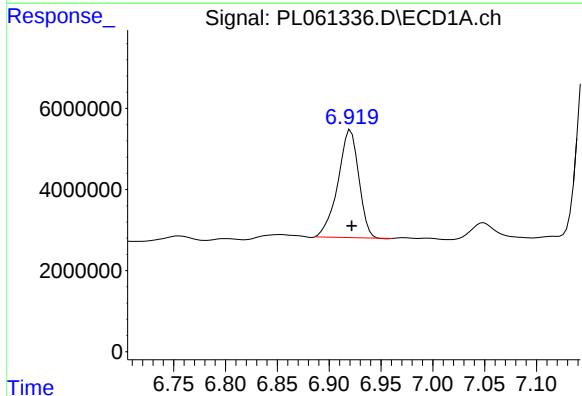
R.T.: 6.661 min  
Delta R.T.: -0.001 min  
Response: 60277895  
Conc: 36.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



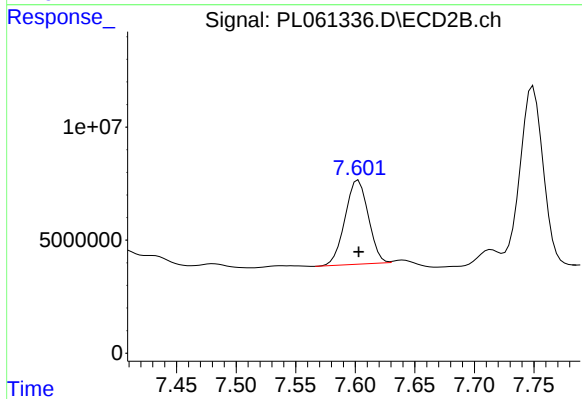
#19 Endosulfan Sulfate

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 84563354  
Conc: 30.91 ng/ml



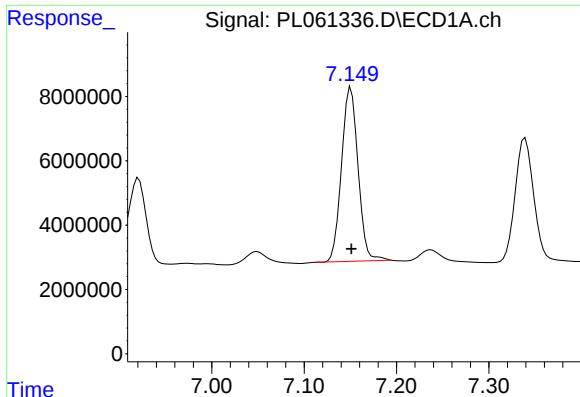
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 37045258  
Conc: 43.27 ng/ml



#20 Methoxychlor

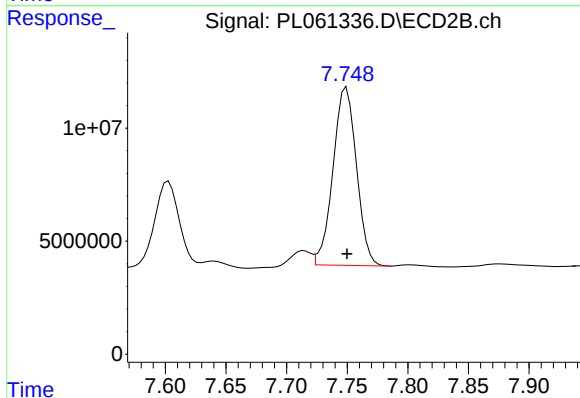
R.T.: 7.603 min  
Delta R.T.: 0.000 min  
Response: 50543639  
Conc: 35.14 ng/ml



#21 Endrin ketone

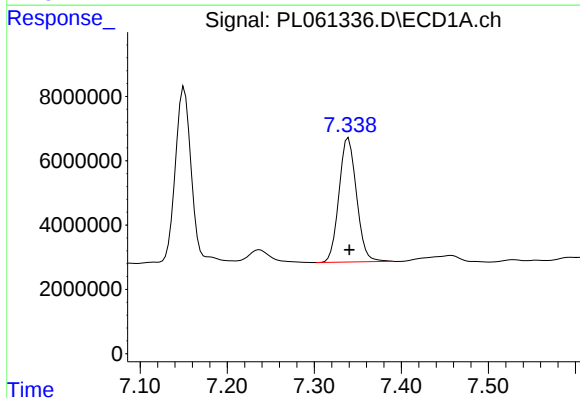
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 67397418  
Conc: 36.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



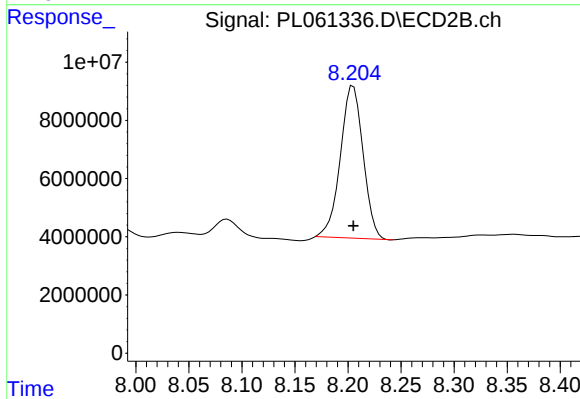
#21 Endrin ketone

R.T.: 7.749 min  
Delta R.T.: 0.000 min  
Response: 105999488  
Conc: 39.05 ng/ml



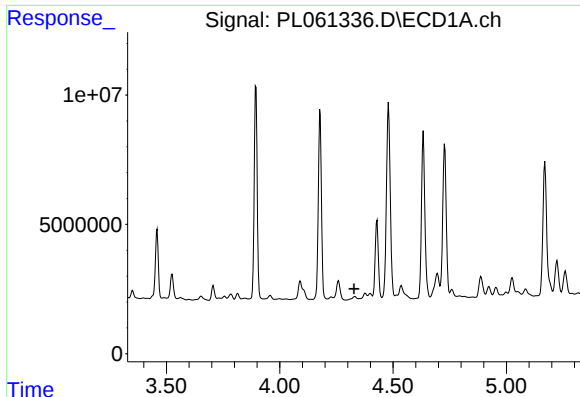
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.001 min  
Response: 53956165  
Conc: 36.08 ng/ml



#22 Mirex

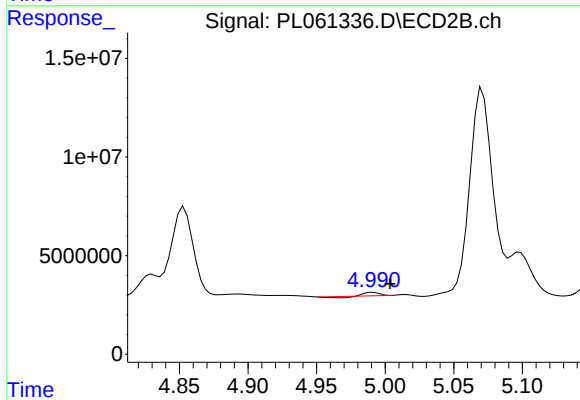
R.T.: 8.205 min  
Delta R.T.: 0.000 min  
Response: 78052206  
Conc: 40.54 ng/ml



#23 Chlordane-1

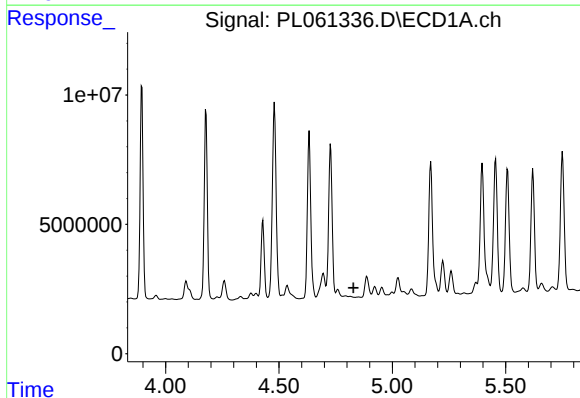
R.T.: 0.000 min  
Exp R.T.: 4.328 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



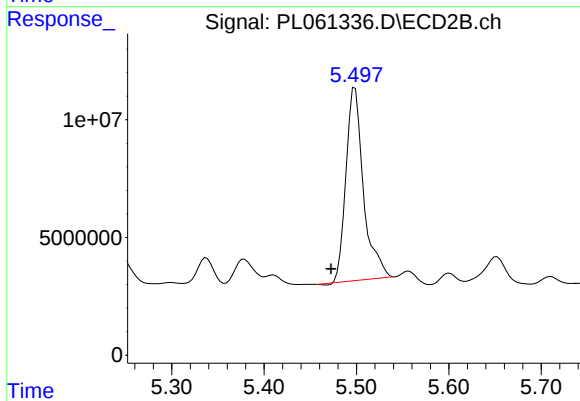
#23 Chlordane-1

R.T.: 4.991 min  
Delta R.T.: -0.012 min  
Response: 790912  
Conc: 7.28 ng/ml



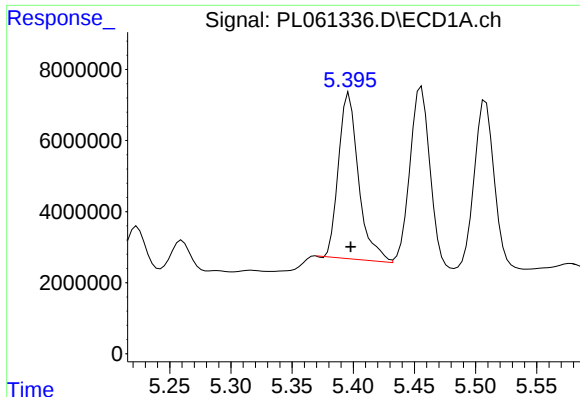
#24 Chlordane-2

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



#24 Chlordane-2

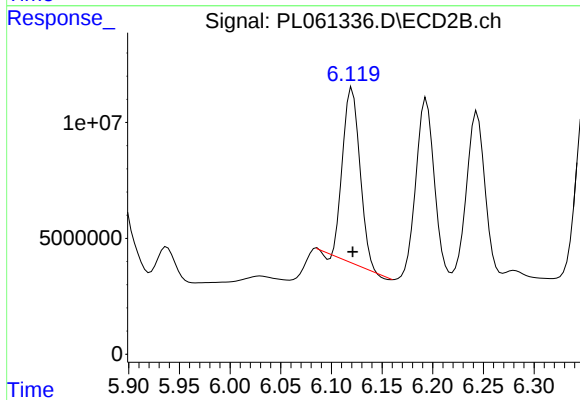
R.T.: 5.499 min  
Delta R.T.: 0.026 min  
Response: 108118277  
Conc: 885.22 ng/ml



#25 Chlordane-3

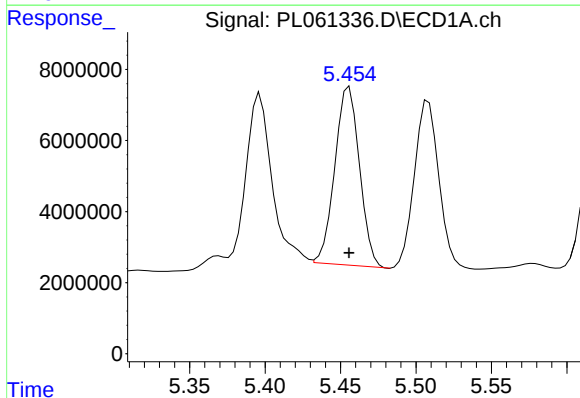
R.T.: 5.397 min  
Delta R.T.: -0.001 min  
Response: 53373195  
Conc: 321.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



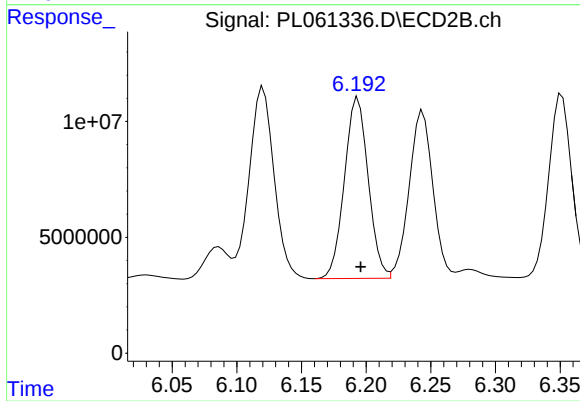
#25 Chlordane-3

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 89556182  
Conc: 207.32 ng/ml



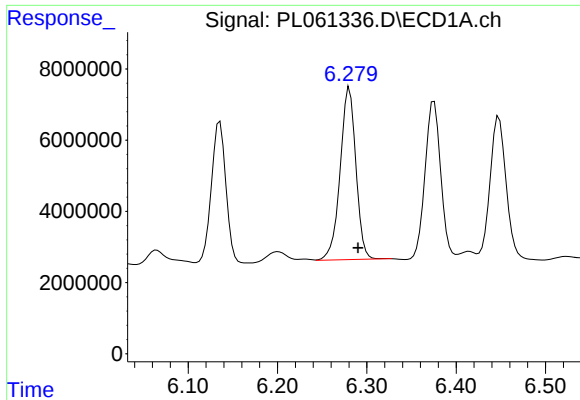
#26 Chlordane-4

R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 57073222  
Conc: 414.64 ng/ml



#26 Chlordane-4

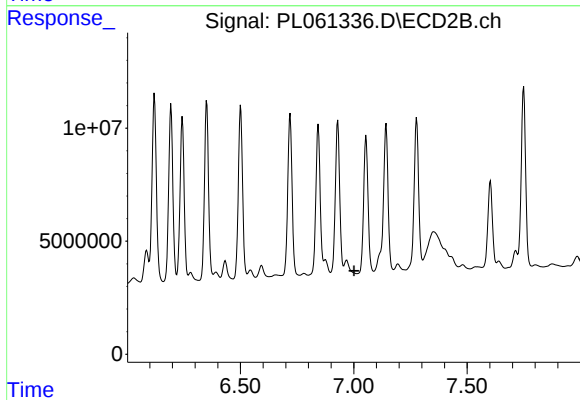
R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 99761056  
Conc: 190.58 ng/ml



#27 Chlordane-5

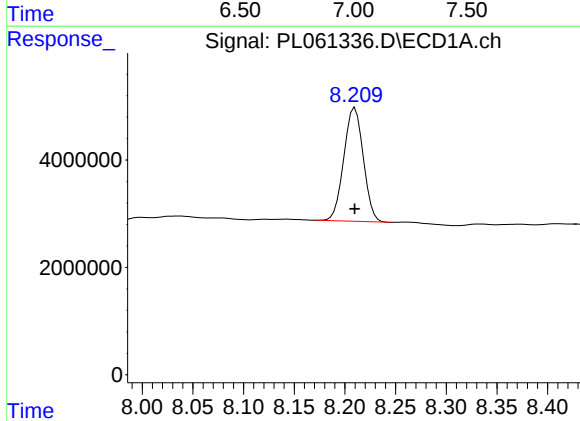
R.T.: 6.281 min  
Delta R.T.: -0.010 min  
Response: 59159373  
Conc: 1052.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



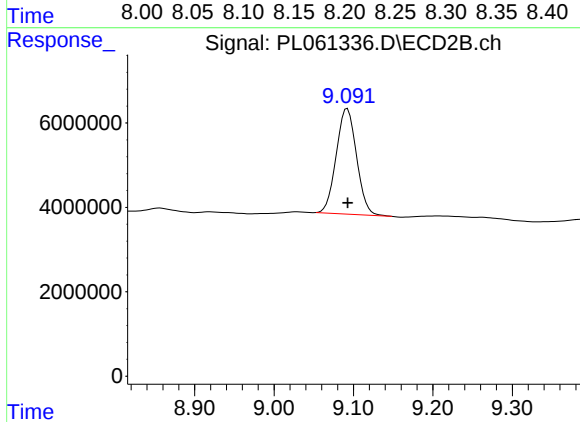
#27 Chlordane-5

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: 28303866  
Conc: 16.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: 0.000 min  
Response: 44567851  
Conc: 18.85 ng/ml