

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
 Data File : PL043122.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2018 00:23  
 Operator : AJ\SJ  
 Sample : J6371-05MS  
 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: Dec 14 03:22:23 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.464 | 4.098 | 127.2E6 | 69033690 | 20.747   | 23.292     |
| 28)                         | SA Decachlor... | 8.198 | 9.224 | 126.6E6 | 51549795 | 19.383   | 19.762     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.903 | 4.493 | 507.1E6 | 238.3E6  | 53.643   | 52.684     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.782 | 469.6E6 | 232.9E6  | 54.387   | 55.518     |
| 4)                          | MA Heptachlor   | 4.481 | 5.297 | 471.3E6 | 222.0E6  | 53.118   | 54.199     |
| 5)                          | MB Aldrin       | 4.727 | 5.606 | 435.2E6 | 227.1E6  | 51.326   | 55.644     |
| 6)                          | B beta-BHC      | 4.440 | 4.951 | 193.3E6 | 96965593 | 52.403   | 57.277     |
| 7)                          | B delta-BHC     | 4.642 | 5.172 | 381.2E6 | 208.9E6  | 47.073   | 48.618     |
| 8)                          | B Heptachlo...  | 5.170 | 5.994 | 423.4E6 | 209.4E6  | 53.417   | 55.209     |
| 9)                          | A Endosulfan I  | 5.507 | 6.353 | 385.5E6 | 188.1E6  | 52.621   | 55.386     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.229 | 428.1E6 | 201.2E6  | 53.103   | 54.779     |
| 11)                         | B alpha-Chl...  | 5.453 | 6.302 | 419.7E6 | 197.9E6  | 52.865   | 55.033     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.456 | 388.1E6 | 201.5E6  | 56.061   | 55.595     |
| 13)                         | MA Dieldrin     | 5.750 | 6.612 | 418.6E6 | 202.4E6  | 53.847   | 55.821     |
| 14)                         | MA Endrin       | 6.005 | 6.831 | 364.2E6 | 159.2E6  | 50.586   | 51.002     |
| 15)                         | B Endosulfa...  | 6.281 | 7.039 | 339.5E6 | 161.1E6  | 51.033   | 53.216     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.948 | 322.6E6 | 184.0E6  | 56.891   | 62.751     |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.248 | 273.0E6 | 138.0E6  | 45.883   | 46.995     |
| 18)                         | B Endrin al...  | 6.448 | 7.163 | 272.8E6 | 133.5E6  | 49.510   | 53.212     |
| 19)                         | B Endosulfa...  | 6.661 | 7.387 | 320.7E6 | 151.3E6  | 47.874   | 50.314     |
| 20)                         | A Methoxychlor  | 6.918 | 7.704 | 137.9E6 | 71801596 | 41.089   | 47.604     |
| 21)                         | B Endrin ke...  | 7.150 | 7.861 | 376.9E6 | 166.2E6  | 52.129   | 54.386     |
| 23)                         | Chlordane-1     | 4.340 | 5.172 | 2356906 | 208.9E6  | 8.771    | 1478.337 # |
| 24)                         | Chlordane-2     | 4.846 | 5.606 | 2159154 | 227.1E6  | 7.522    | 1583.475 # |
| 25)                         | Chlordane-3     | 5.396 | 6.229 | 428.1E6 | 201.2E6  | 515.143  | 409.785    |
| 26)                         | Chlordane-4     | 5.453 | 6.302 | 419.7E6 | 197.9E6  | 555.094  | 346.775 #  |
| 27)                         | Chlordane-5     | 6.281 | 7.163 | 339.5E6 | 133.5E6  | 1415.345 | 1138.442   |
| -----                       |                 |       |       |         |          |          |            |

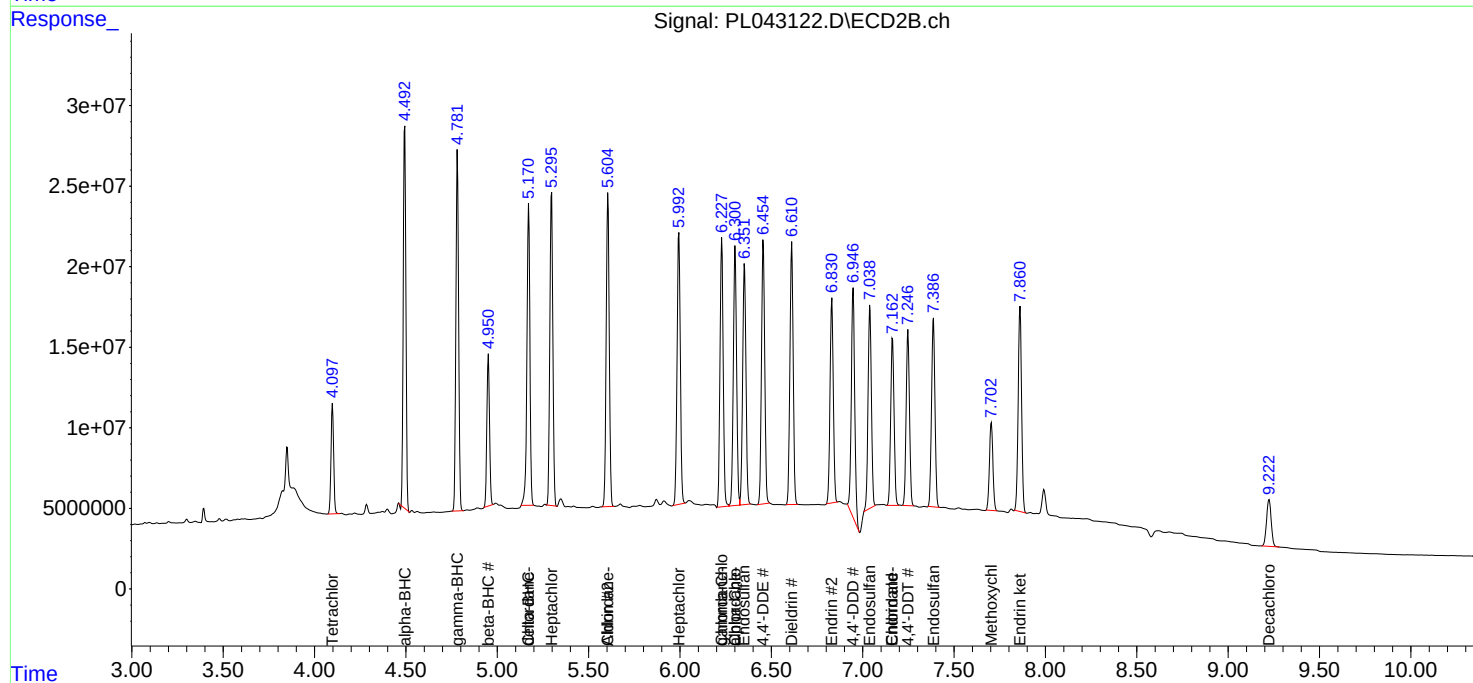
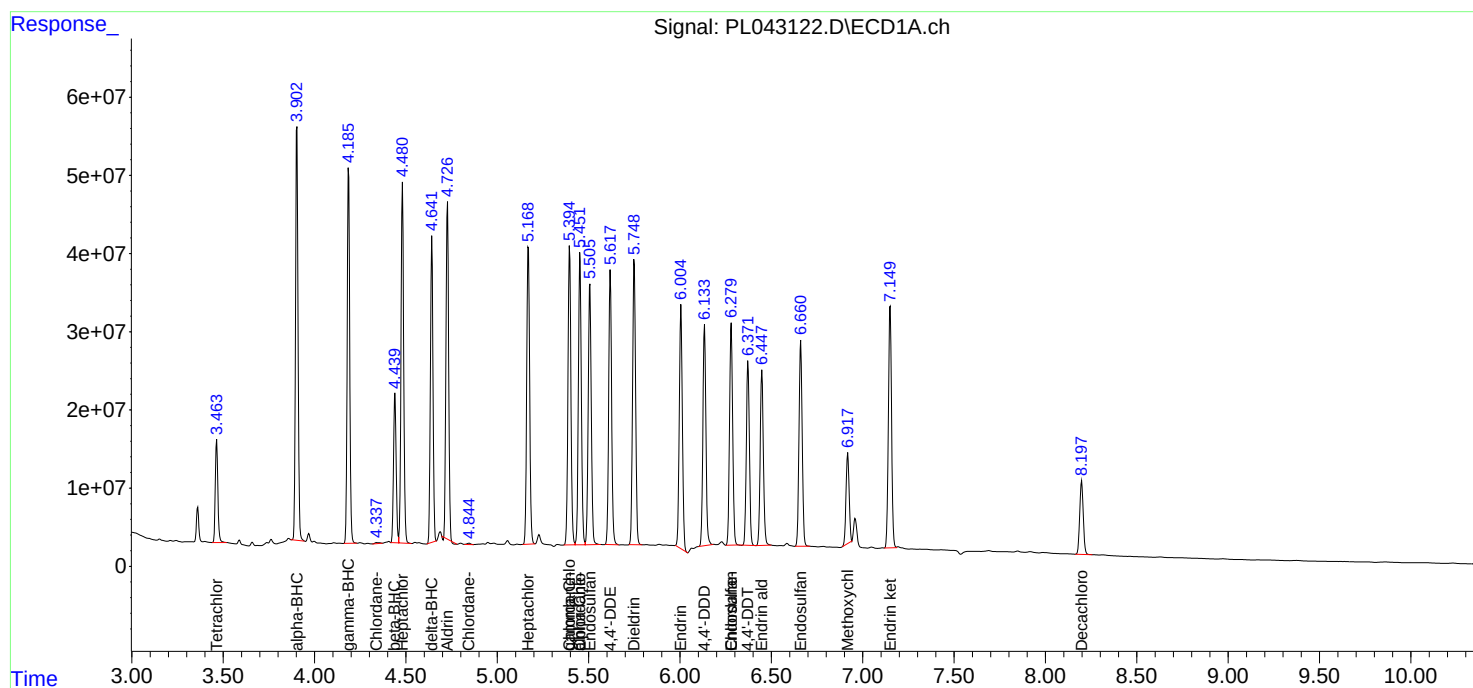
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

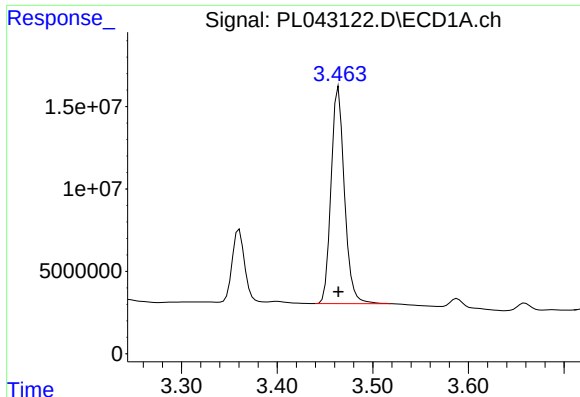
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
Data File : PL043122.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Dec 2018 00:23  
Operator : AJ\SJ  
Sample : J6371-05MS  
Misc :  
ALS Vial : 54 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 03:22:23 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

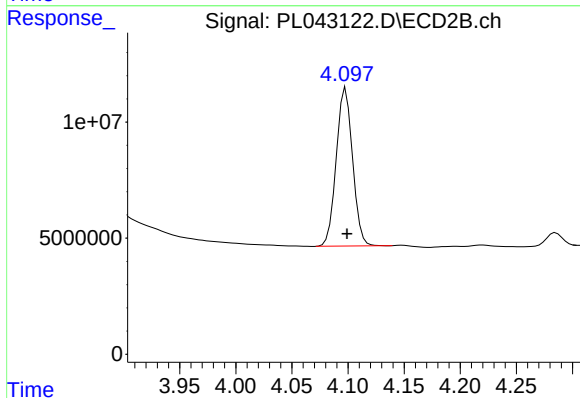




#1 Tetrachloro-m-xylene

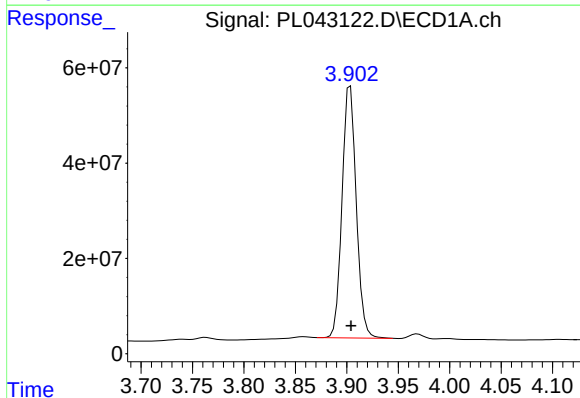
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 127240585  
Conc: 20.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



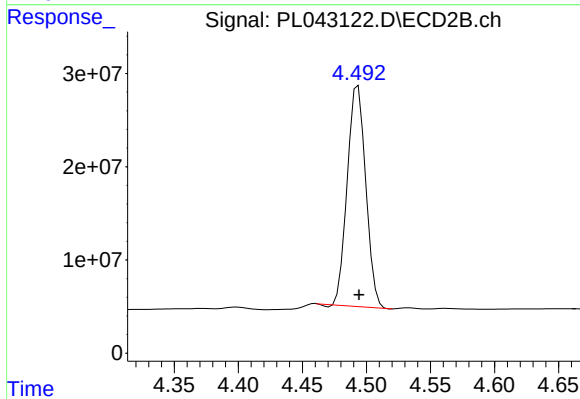
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 69033690  
Conc: 23.29 ng/ml



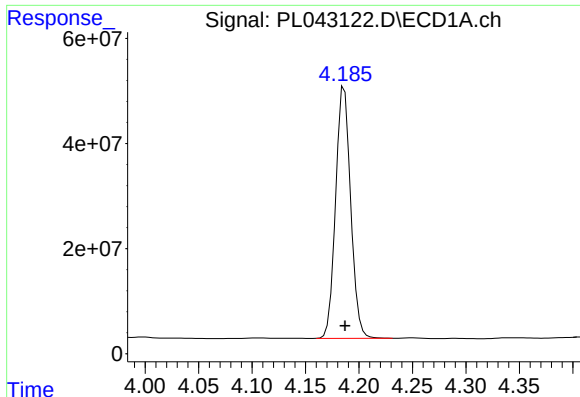
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 507106300  
Conc: 53.64 ng/ml



#2 alpha-BHC

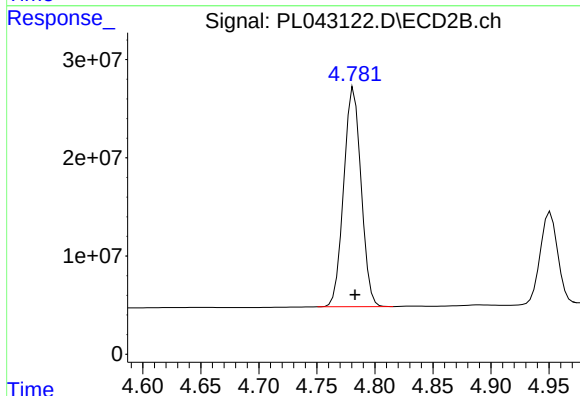
R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 238315044  
Conc: 52.68 ng/ml



#3 gamma-BHC (Lindane)

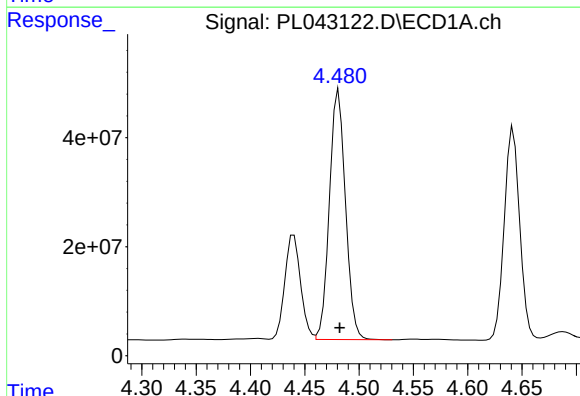
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 469603497  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



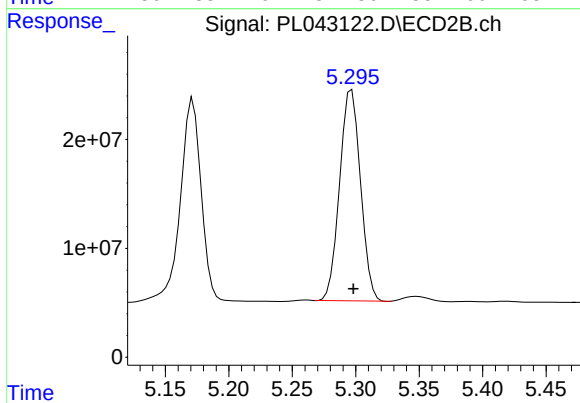
#3 gamma-BHC (Lindane)

R.T.: 4.782 min  
Delta R.T.: 0.000 min  
Response: 232853726  
Conc: 55.52 ng/ml



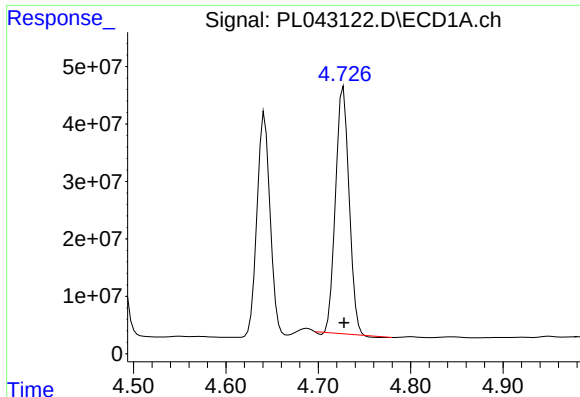
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 471297241  
Conc: 53.12 ng/ml



#4 Heptachlor

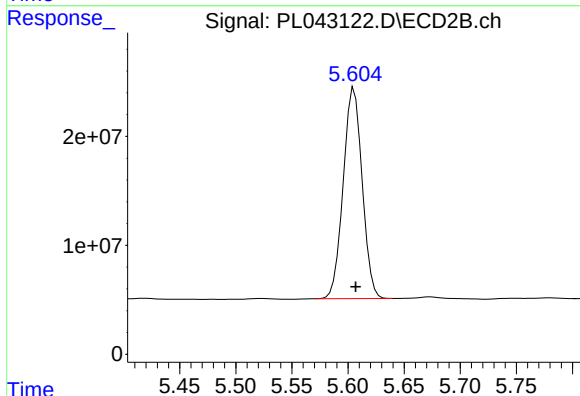
R.T.: 5.297 min  
Delta R.T.: -0.001 min  
Response: 222017094  
Conc: 54.20 ng/ml



#5 Aldrin

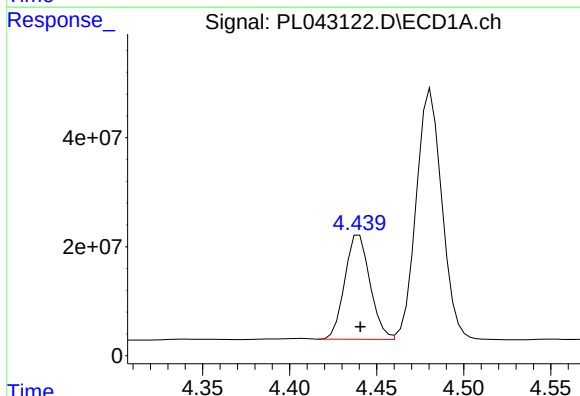
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 435170097  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



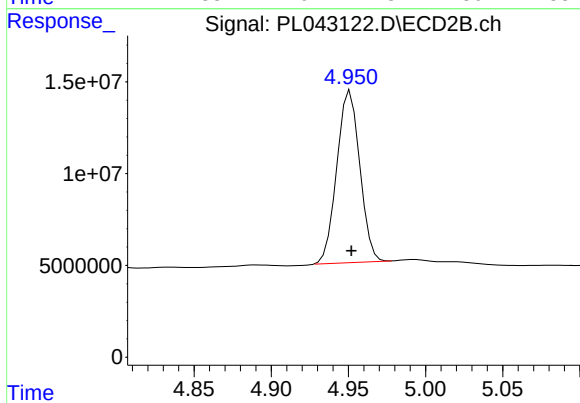
#5 Aldrin

R.T.: 5.606 min  
Delta R.T.: -0.001 min  
Response: 227136648  
Conc: 55.64 ng/ml



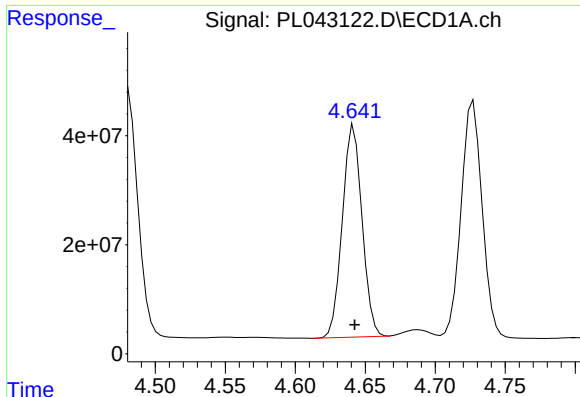
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 193287851  
Conc: 52.40 ng/ml



#6 beta-BHC

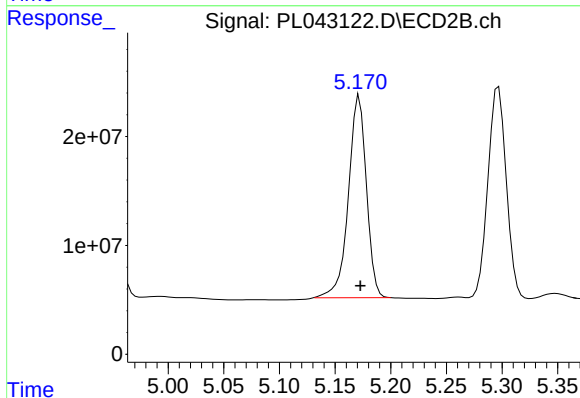
R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 96965593  
Conc: 57.28 ng/ml



#7 delta-BHC

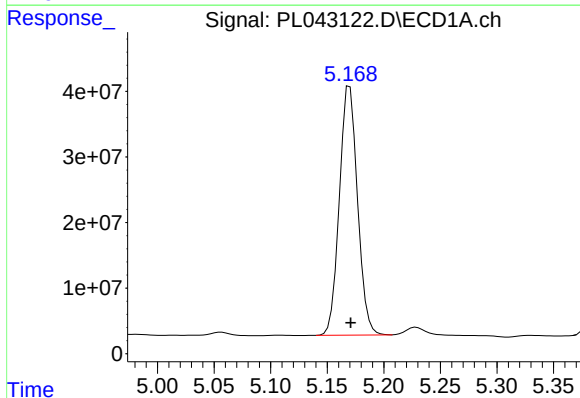
R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 381206413  
Conc: 47.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



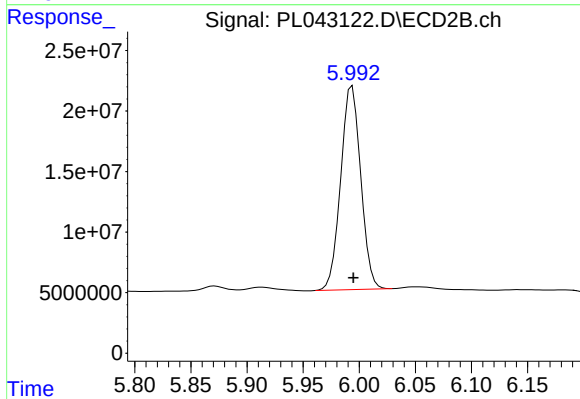
#7 delta-BHC

R.T.: 5.172 min  
Delta R.T.: 0.000 min  
Response: 208937819  
Conc: 48.62 ng/ml



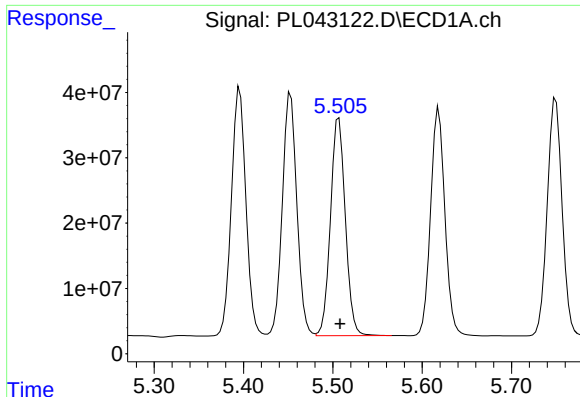
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 423429076  
Conc: 53.42 ng/ml



#8 Heptachlor epoxide

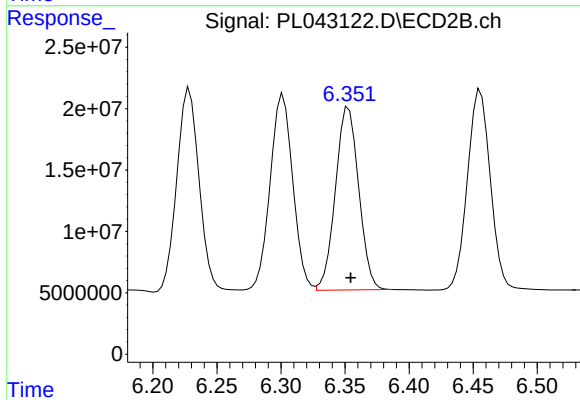
R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 209353663  
Conc: 55.21 ng/ml



#9 Endosulfan I

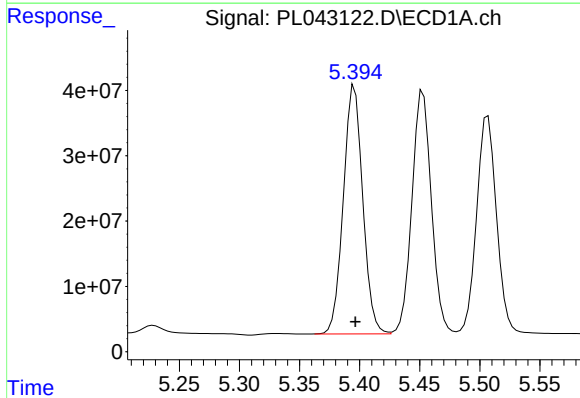
R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 385490158  
Conc: 52.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



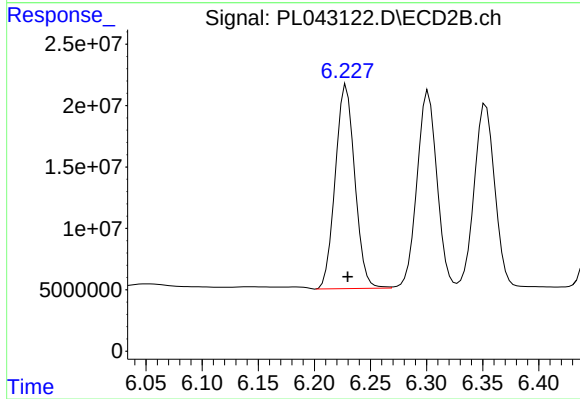
#9 Endosulfan I

R.T.: 6.353 min  
Delta R.T.: -0.002 min  
Response: 188052656  
Conc: 55.39 ng/ml



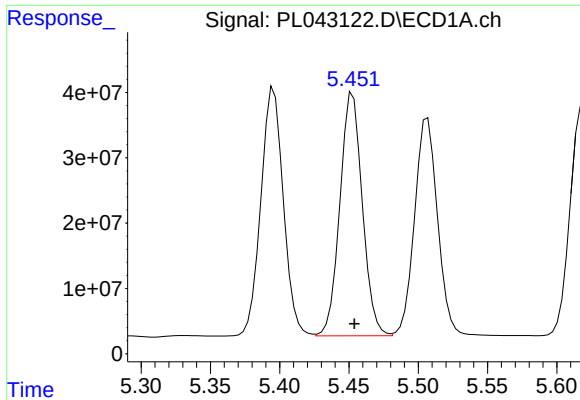
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 428105248  
Conc: 53.10 ng/ml



#10 gamma-Chlordane

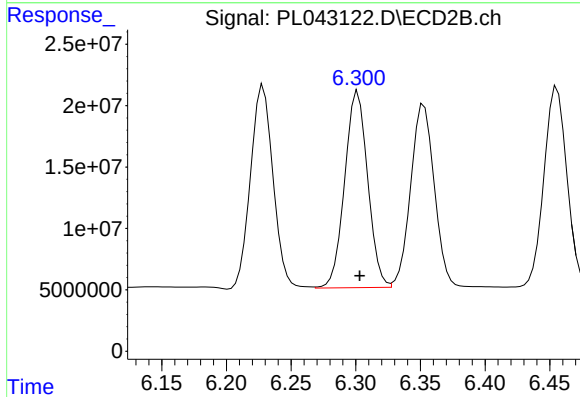
R.T.: 6.229 min  
Delta R.T.: -0.001 min  
Response: 201234741  
Conc: 54.78 ng/ml



#11 alpha-Chlordane

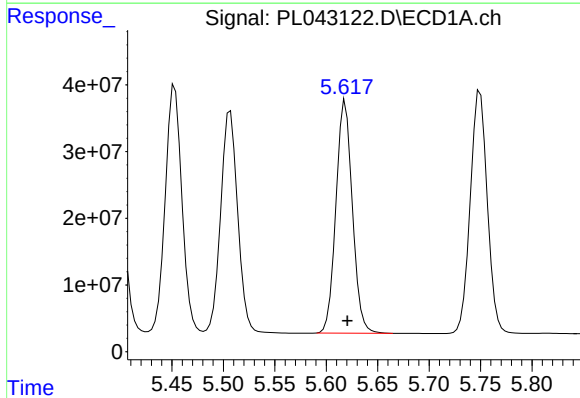
R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 419705318  
Conc: 52.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



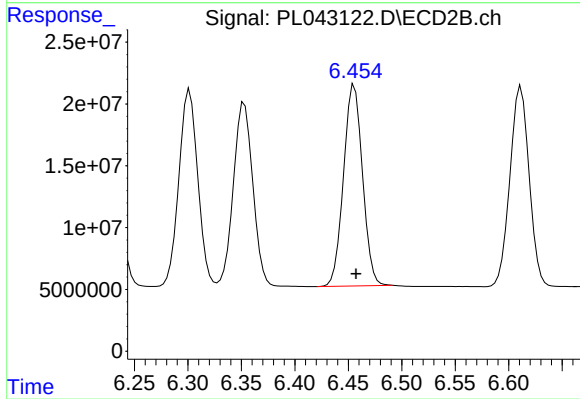
#11 alpha-Chlordane

R.T.: 6.302 min  
Delta R.T.: -0.001 min  
Response: 197921739  
Conc: 55.03 ng/ml



#12 4,4'-DDE

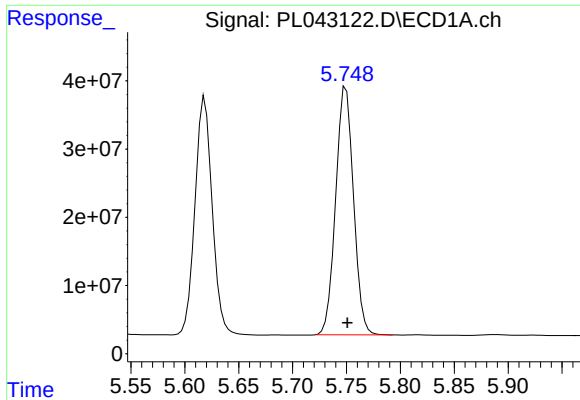
R.T.: 5.619 min  
Delta R.T.: -0.002 min  
Response: 388105783  
Conc: 56.06 ng/ml



#12 4,4'-DDE

R.T.: 6.456 min  
Delta R.T.: -0.001 min  
Response: 201463776  
Conc: 55.60 ng/ml

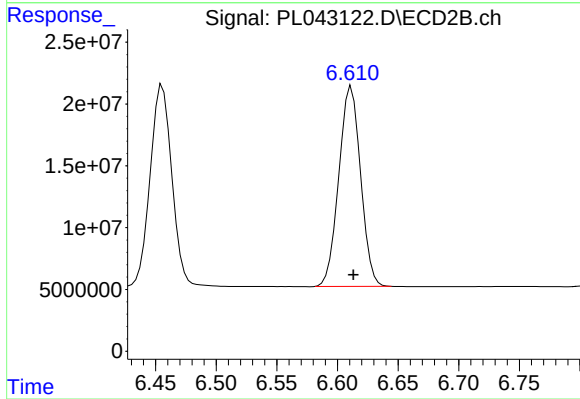




#13 Dieldrin

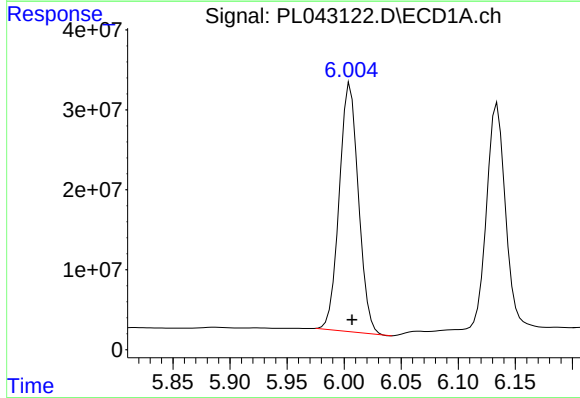
R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 418648169  
Conc: 53.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



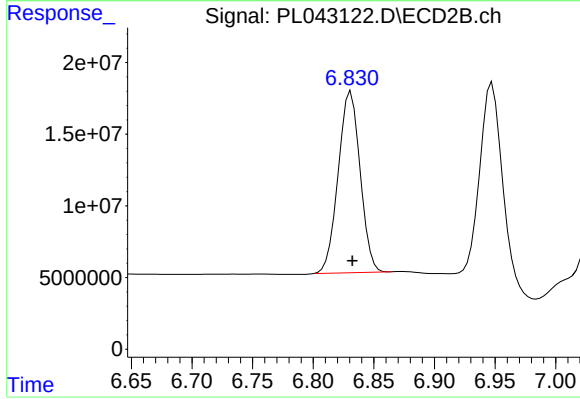
#13 Dieldrin

R.T.: 6.612 min  
Delta R.T.: -0.001 min  
Response: 202390257  
Conc: 55.82 ng/ml



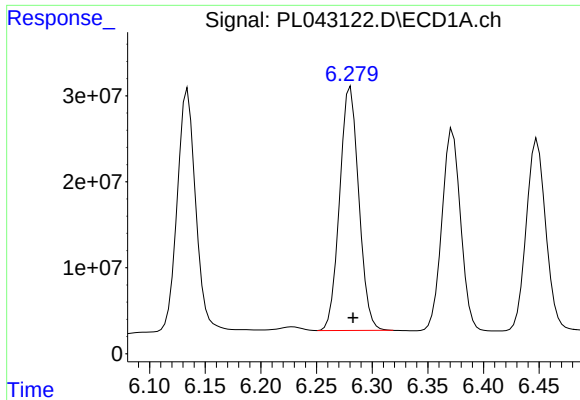
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 364247454  
Conc: 50.59 ng/ml



#14 Endrin

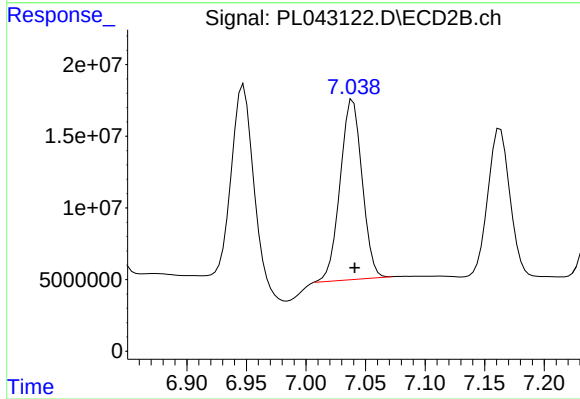
R.T.: 6.831 min  
Delta R.T.: -0.001 min  
Response: 159227418  
Conc: 51.00 ng/ml



#15 Endosulfan II

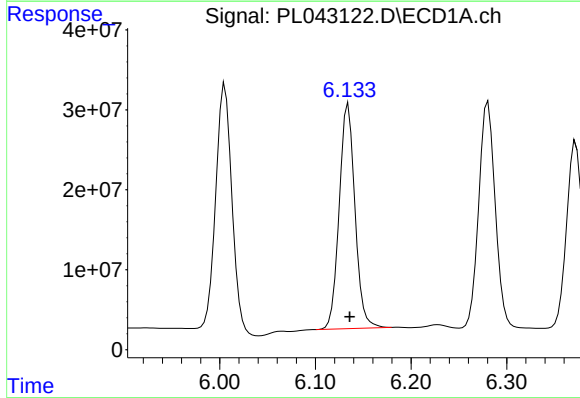
R.T.: 6.281 min  
Delta R.T.: -0.002 min  
Response: 339477543  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



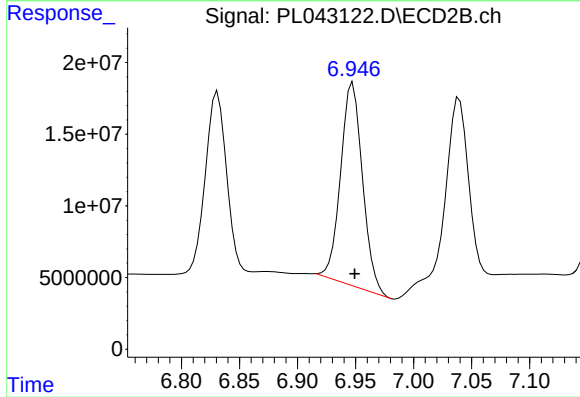
#15 Endosulfan II

R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 161131459  
Conc: 53.22 ng/ml



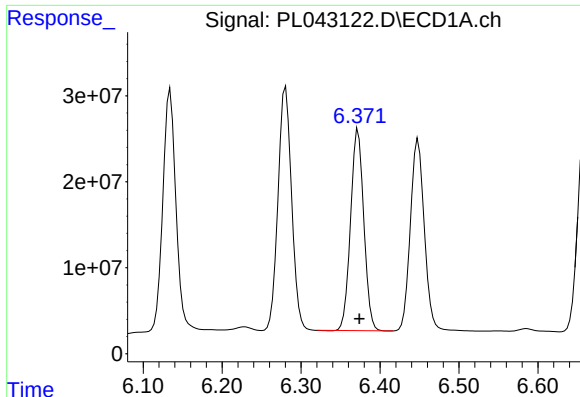
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.002 min  
Response: 322631535  
Conc: 56.89 ng/ml



#16 4,4'-DDD

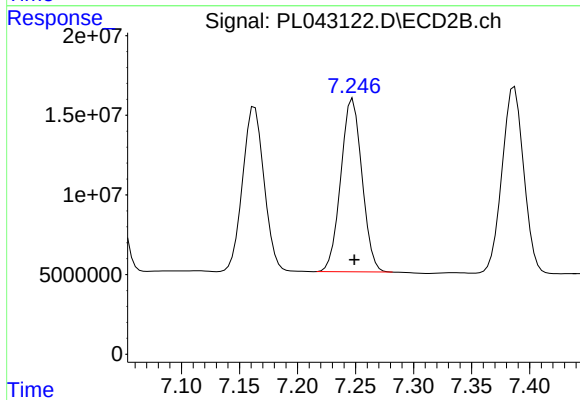
R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 184023674  
Conc: 62.75 ng/ml



#17 4,4'-DDT

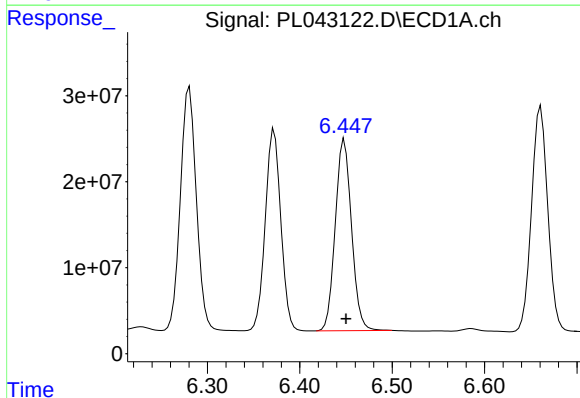
R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 272955347  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



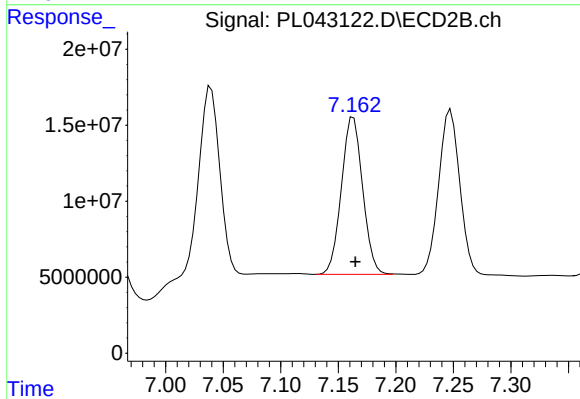
#17 4,4'-DDT

R.T.: 7.248 min  
Delta R.T.: -0.001 min  
Response: 138026574  
Conc: 46.99 ng/ml



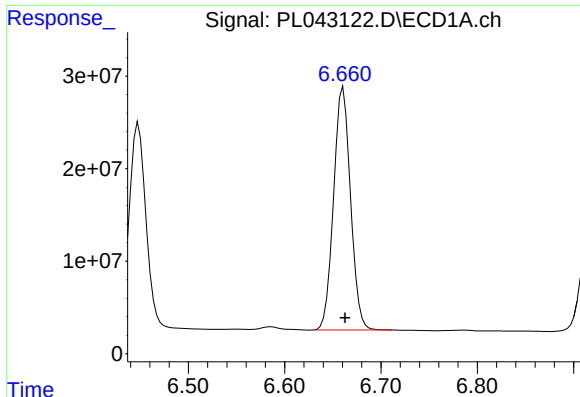
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 272836795  
Conc: 49.51 ng/ml



#18 Endrin aldehyde

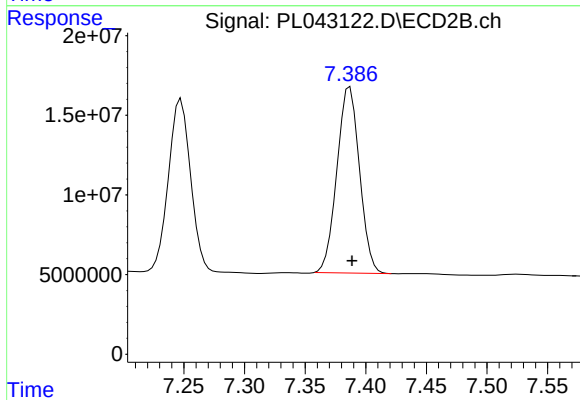
R.T.: 7.163 min  
Delta R.T.: -0.002 min  
Response: 133469906  
Conc: 53.21 ng/ml



#19 Endosulfan Sulfate

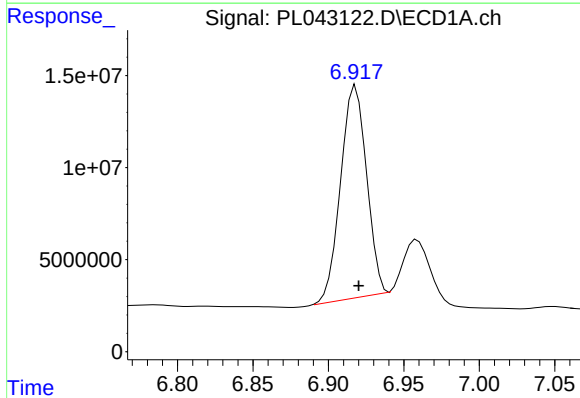
R.T.: 6.661 min  
Delta R.T.: -0.002 min  
Response: 320697252  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



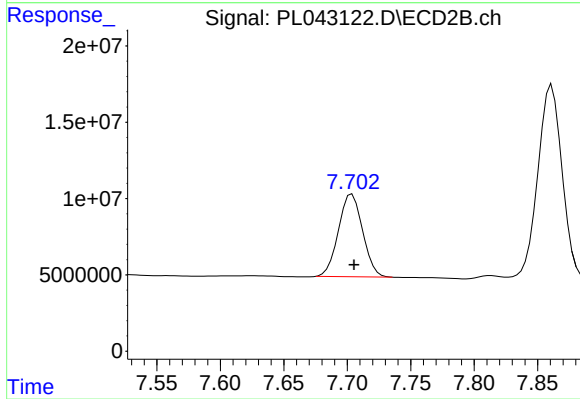
#19 Endosulfan Sulfate

R.T.: 7.387 min  
Delta R.T.: -0.002 min  
Response: 151272358  
Conc: 50.31 ng/ml



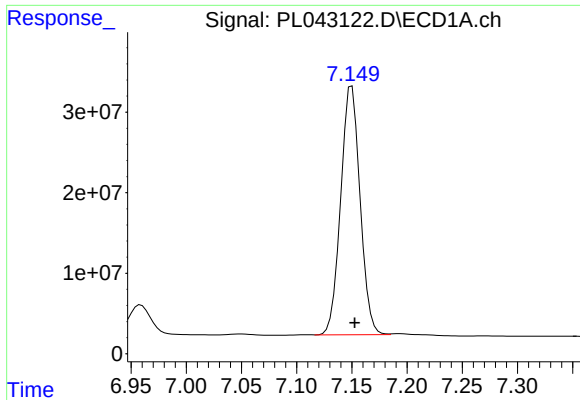
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: -0.002 min  
Response: 137869088  
Conc: 41.09 ng/ml



#20 Methoxychlor

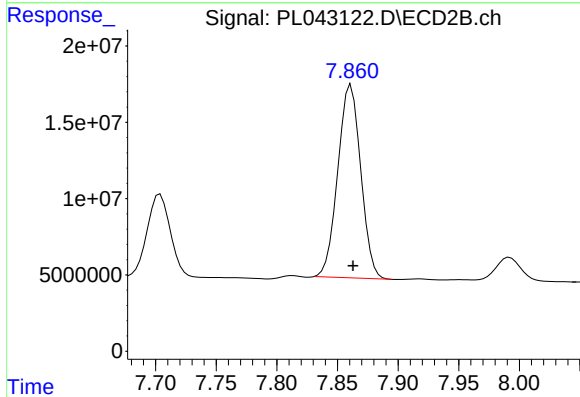
R.T.: 7.704 min  
Delta R.T.: -0.002 min  
Response: 71801596  
Conc: 47.60 ng/ml



#21 Endrin ketone

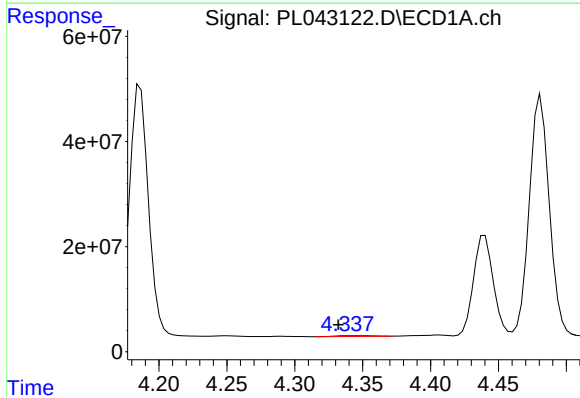
R.T.: 7.150 min  
Delta R.T.: -0.003 min  
Response: 376927748  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



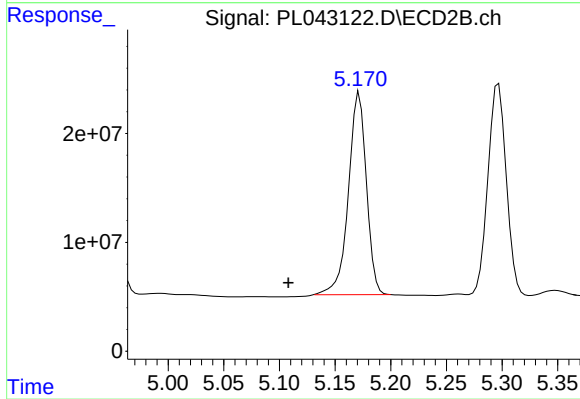
#21 Endrin ketone

R.T.: 7.861 min  
Delta R.T.: -0.002 min  
Response: 166238178  
Conc: 54.39 ng/ml



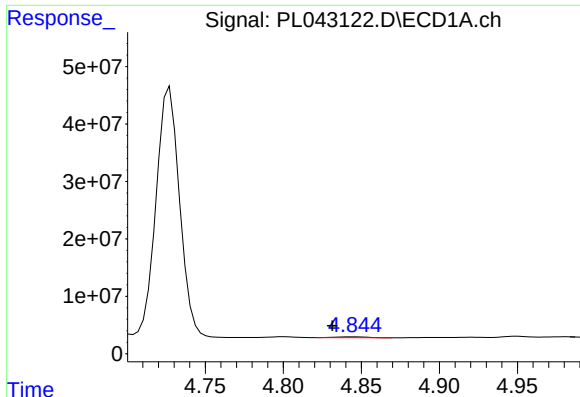
#23 Chlordane-1

R.T.: 4.340 min  
Delta R.T.: 0.007 min  
Response: 2356906  
Conc: 8.77 ng/ml



#23 Chlordane-1

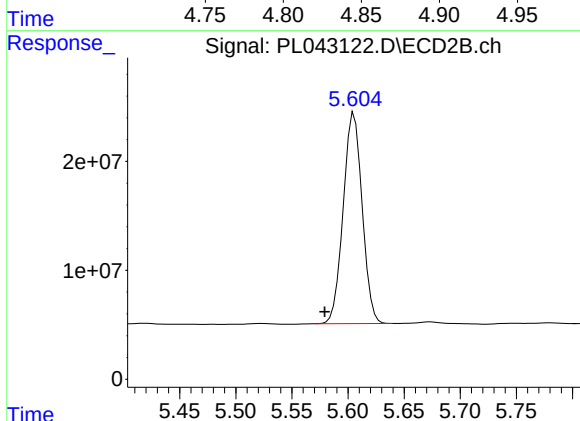
R.T.: 5.172 min  
Delta R.T.: 0.064 min  
Response: 208937819  
Conc: 1478.34 ng/ml



#24 Chlordane-2

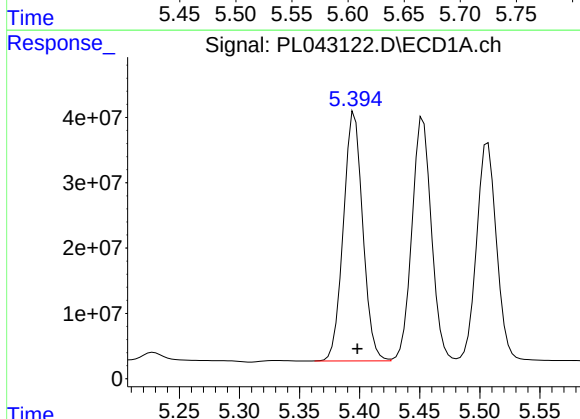
R.T.: 4.846 min  
Delta R.T.: 0.014 min  
Response: 2159154  
Conc: 7.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



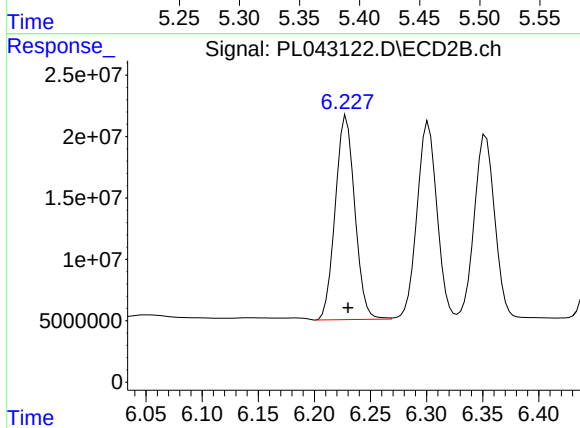
#24 Chlordane-2

R.T.: 5.606 min  
Delta R.T.: 0.026 min  
Response: 227136648  
Conc: 1583.48 ng/ml



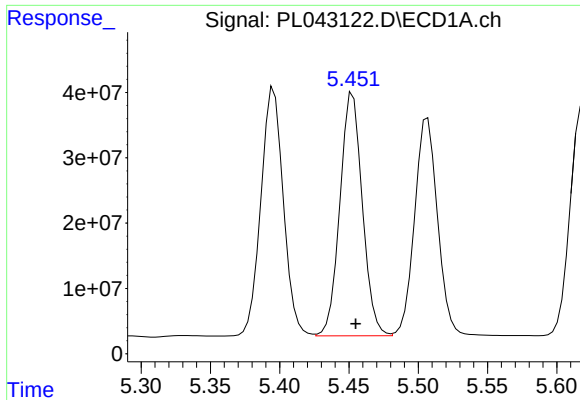
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 428105248  
Conc: 515.14 ng/ml



#25 Chlordane-3

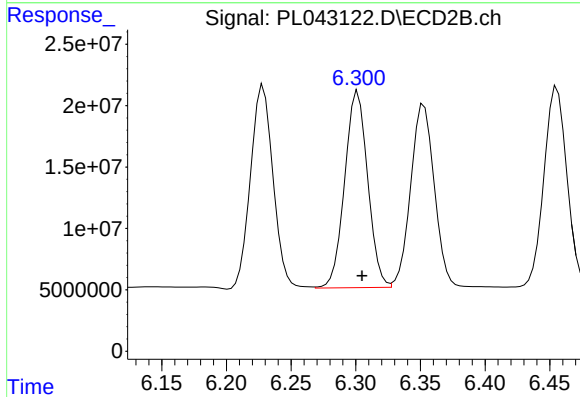
R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 201234741  
Conc: 409.78 ng/ml



#26 Chlordane-4

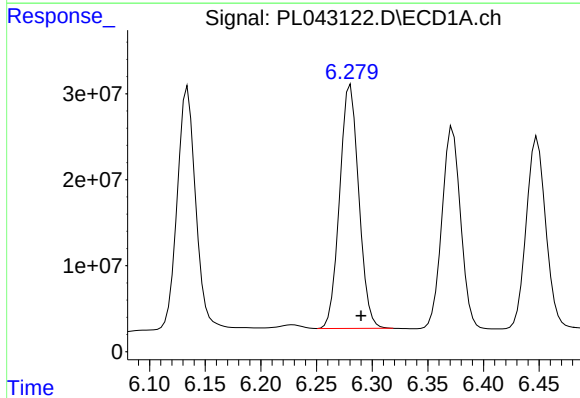
R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 419705318  
Conc: 555.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



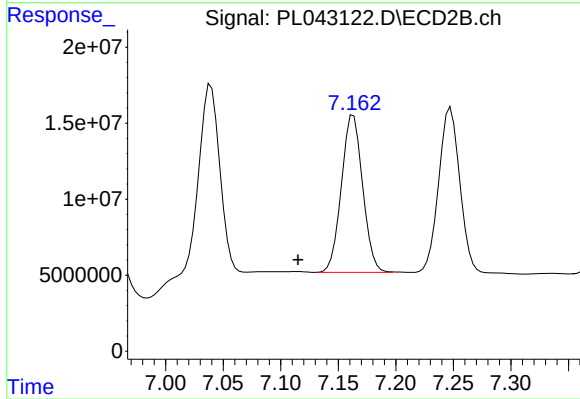
#26 Chlordane-4

R.T.: 6.302 min  
Delta R.T.: -0.003 min  
Response: 197921739  
Conc: 346.78 ng/ml



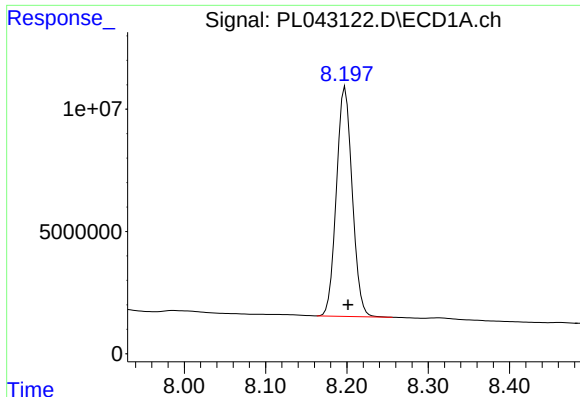
#27 Chlordane-5

R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 339477543  
Conc: 1415.35 ng/ml



#27 Chlordane-5

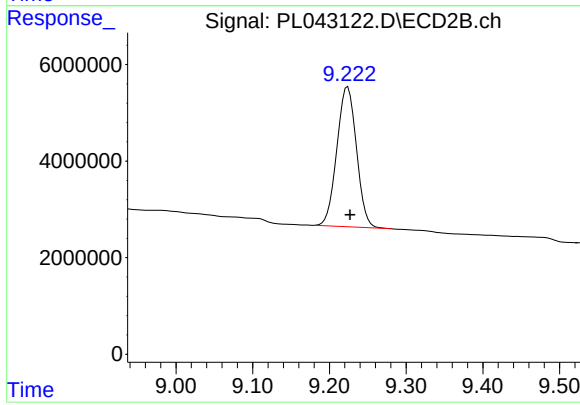
R.T.: 7.163 min  
Delta R.T.: 0.048 min  
Response: 133469906  
Conc: 1138.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.198 min  
Delta R.T.: -0.003 min  
Response: 126573197  
Conc: 19.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.224 min  
Delta R.T.: -0.003 min  
Response: 51549795  
Conc: 19.76 ng/ml