

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121322\  
 Data File : PL079692.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Dec 2022 09:31  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 20:42:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 2022  
 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... | 3.321  | 2.565 | 117.5E6  | 136.0E6  | 52.022   | 49.978    |
| 28)                         | SA Decachlor... | 8.769  | 7.631 | 98874722 | 111.6E6  | 50.911   | 47.515    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.782  | 3.051 | 184.7E6  | 220.2E6  | 53.720   | 51.077    |
| 3)                          | MA gamma-BHC... | 4.115  | 3.372 | 170.4E6  | 198.3E6  | 52.574   | 50.921    |
| 4)                          | MA Heptachlor   | 4.685  | 3.698 | 168.8E6  | 185.6E6  | 51.212   | 48.240    |
| 5)                          | MB Aldrin       | 5.023  | 3.970 | 162.1E6  | 187.3E6  | 52.195   | 50.446    |
| 6)                          | B beta-BHC      | 4.330  | 3.673 | 72919074 | 75431571 | 51.644   | 49.784    |
| 7)                          | B delta-BHC     | 4.571  | 3.892 | 155.2E6  | 195.7E6  | 55.937   | 50.863    |
| 8)                          | B Heptachlo...  | 5.456  | 4.467 | 149.6E6  | 168.6E6  | 52.387   | 49.959    |
| 9)                          | A Endosulfan I  | 5.840  | 4.829 | 137.7E6  | 160.1E6  | 51.810   | 50.032    |
| 10)                         | B gamma-Chl...  | 5.712  | 4.714 | 150.9E6  | 170.5E6  | 52.739   | 50.388    |
| 11)                         | B alpha-Chl...  | 5.788  | 4.776 | 148.6E6  | 166.2E6  | 51.582   | 49.624    |
| 12)                         | B 4,4'-DDE      | 5.972  | 4.971 | 130.7E6  | 157.5E6  | 52.320   | 51.360    |
| 13)                         | MA Dieldrin     | 6.118  | 5.091 | 140.6E6  | 169.4E6  | 51.267   | 50.264    |
| 14)                         | MA Endrin       | 6.348  | 5.361 | 116.5E6  | 143.2E6  | 48.175   | 47.344    |
| 15)                         | B Endosulfa...  | 6.578  | 5.658 | 114.9E6  | 137.1E6  | 50.917   | 49.005    |
| 16)                         | A 4,4'-DDD      | 6.496  | 5.522 | 111.2E6  | 135.2E6  | 56.052   | 54.039    |
| 17)                         | MA 4,4'-DDT     | 6.805  | 5.768 | 104.7E6  | 118.4E6  | 46.140   | 45.307    |
| 18)                         | B Endrin al...  | 6.710  | 5.837 | 93866285 | 105.4E6  | 51.827   | 49.537    |
| 19)                         | B Endosulfa...  | 6.942  | 6.060 | 120.0E6  | 138.4E6  | 51.761   | 49.039    |
| 20)                         | A Methoxychlor  | 7.290  | 6.345 | 54434125 | 60330085 | 45.121   | 44.387    |
| 21)                         | B Endrin ke...  | 7.428  | 6.556 | 131.6E6  | 159.6E6  | 53.339   | 51.822    |
| 22)                         | Mirex           | 7.884  | 6.727 | 96428262 | 113.5E6  | 50.910   | 47.999    |
| 24)                         | Chlordane-2     | 5.023f | 0.000 | 162.1E6  | 0        | 1538.186 | N.D. #    |
| 25)                         | Chlordane-3     | 5.712  | 4.714 | 150.9E6  | 170.5E6  | 363.406  | 510.092 # |
| 26)                         | Chlordane-4     | 5.788  | 4.776 | 148.6E6  | 166.2E6  | 292.137  | 458.656 # |
| 27)                         | Chlordane-5     | 0.000  | 5.439 | 0        | 152245   | N.D.     | 1.694 #   |
| -----                       |                 |        |       |          |          |          |           |

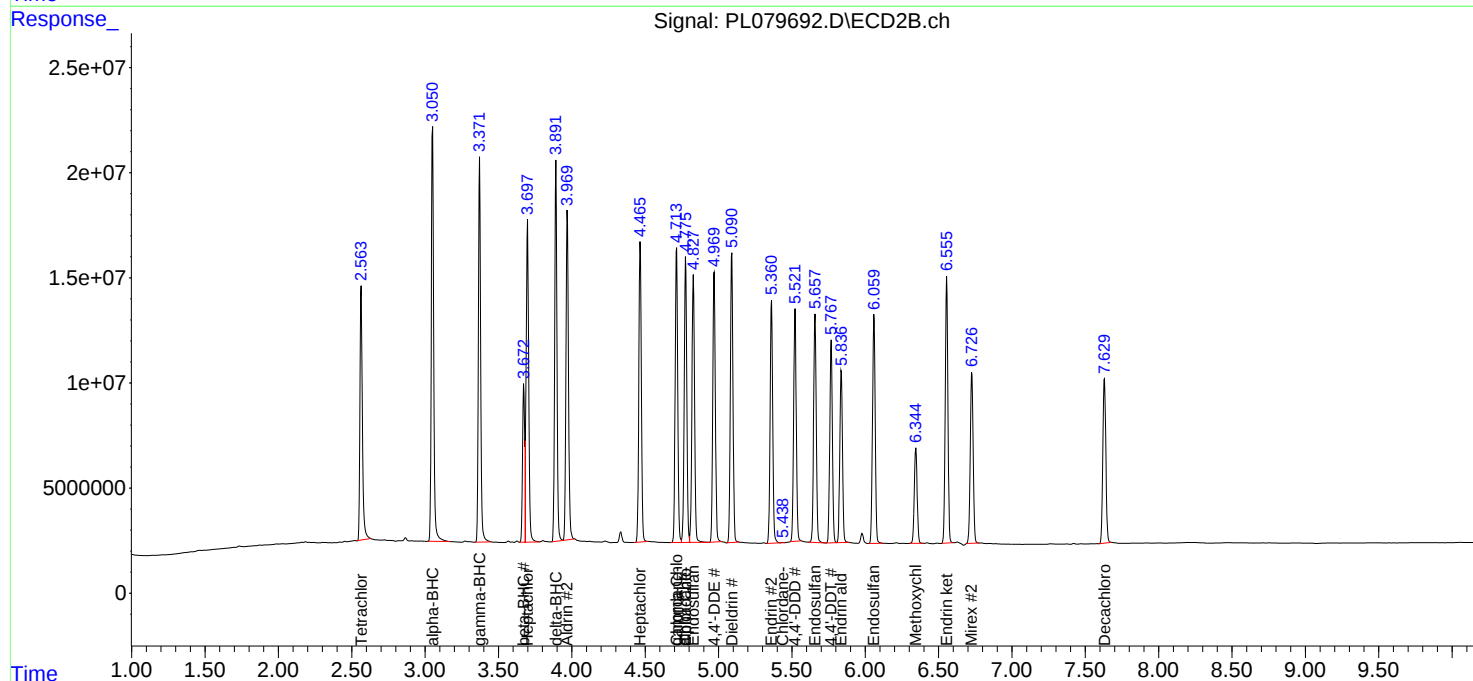
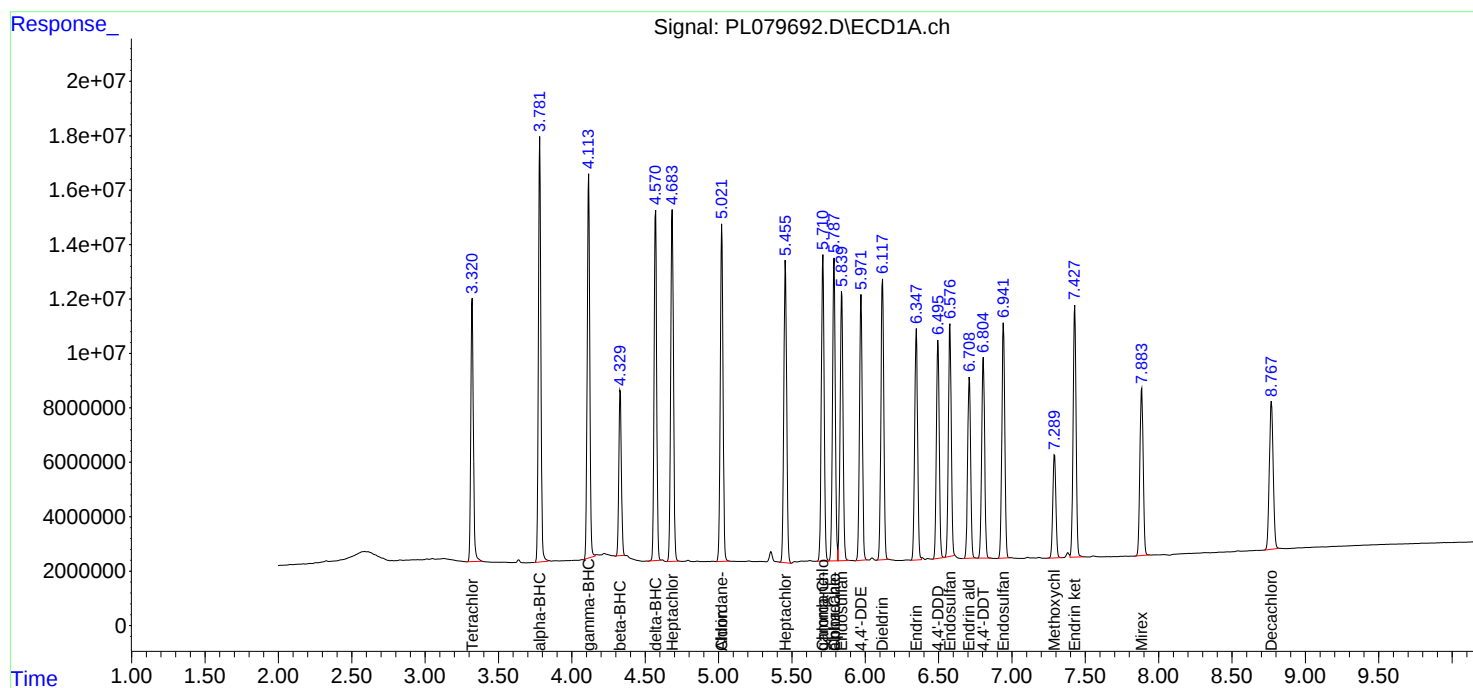
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

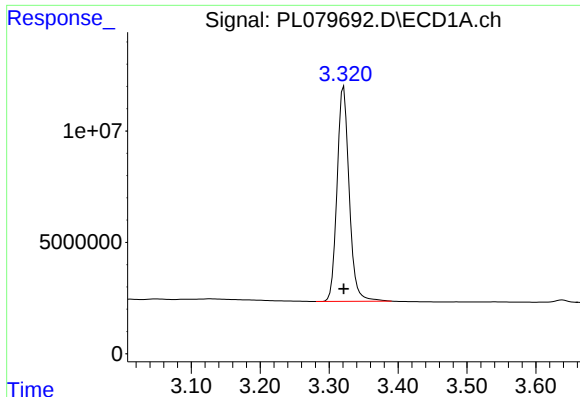
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121322\  
Data File : PL079692.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Dec 2022 09:31  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 20:42:22 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 24 00:09:49 2022  
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

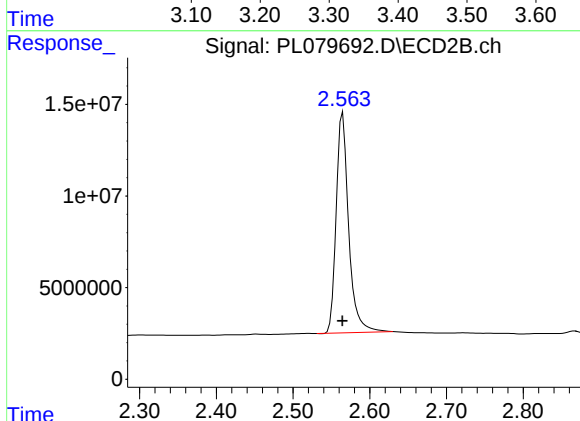




#1 Tetrachloro-m-xylene

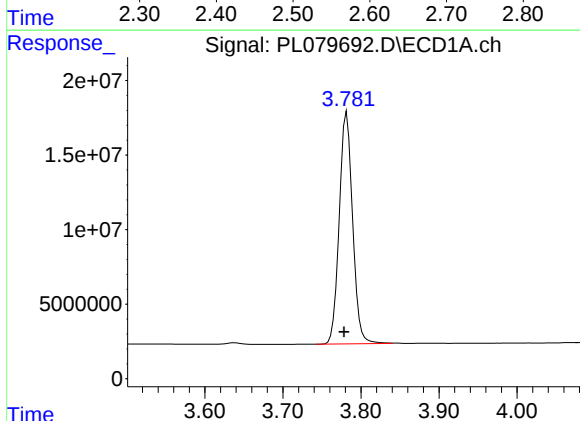
R.T.: 3.321 min  
Delta R.T.: 0.000 min  
Response: 117520590  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



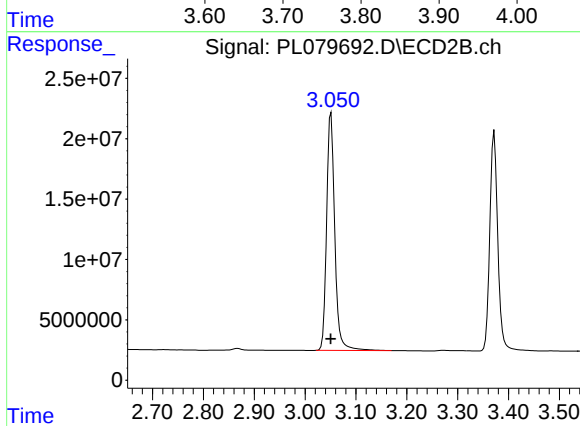
#1 Tetrachloro-m-xylene

R.T.: 2.565 min  
Delta R.T.: 0.000 min  
Response: 136040893  
Conc: 49.98 ng/ml



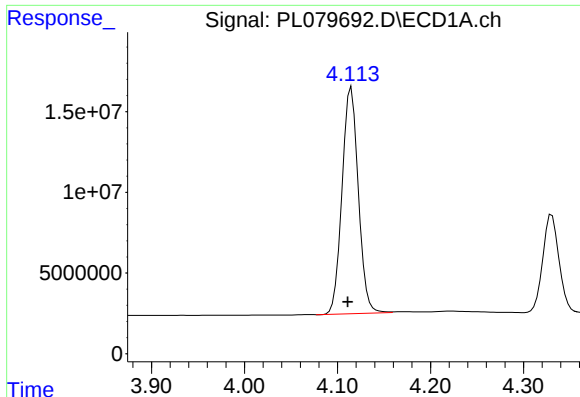
#2 alpha-BHC

R.T.: 3.782 min  
Delta R.T.: 0.004 min  
Response: 184730883  
Conc: 53.72 ng/ml



#2 alpha-BHC

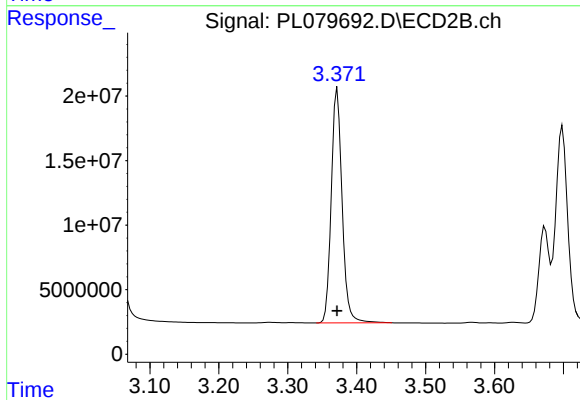
R.T.: 3.051 min  
Delta R.T.: 0.000 min  
Response: 220244752  
Conc: 51.08 ng/ml



#3 gamma-BHC (Lindane)

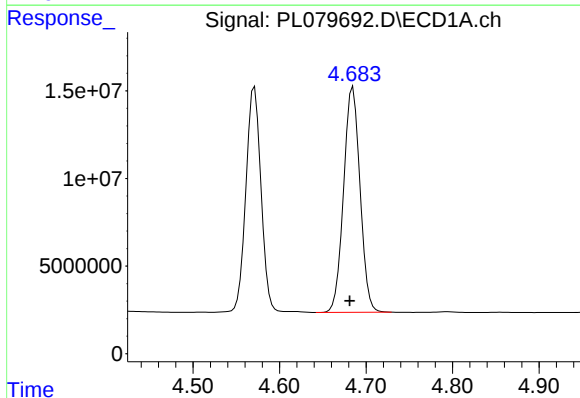
R.T.: 4.115 min  
Delta R.T.: 0.004 min  
Response: 170379988  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



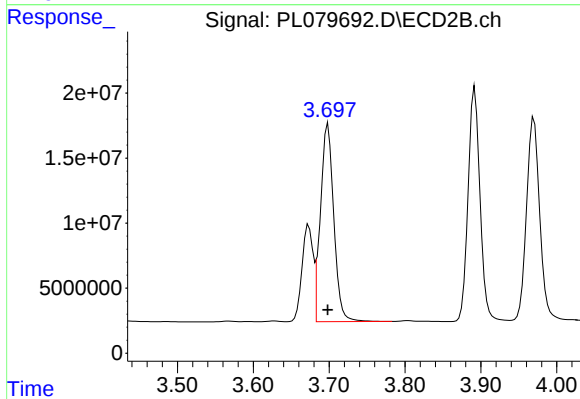
#3 gamma-BHC (Lindane)

R.T.: 3.372 min  
Delta R.T.: 0.000 min  
Response: 198268343  
Conc: 50.92 ng/ml



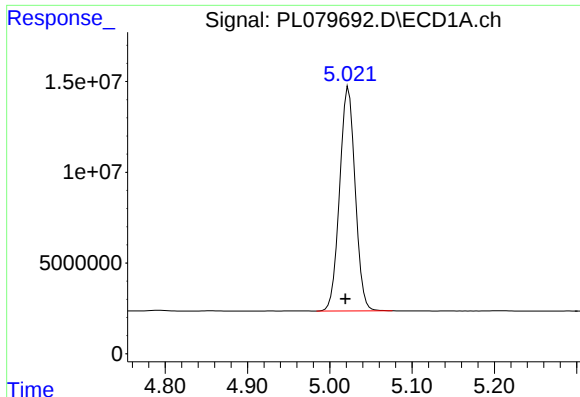
#4 Heptachlor

R.T.: 4.685 min  
Delta R.T.: 0.004 min  
Response: 168755113  
Conc: 51.21 ng/ml



#4 Heptachlor

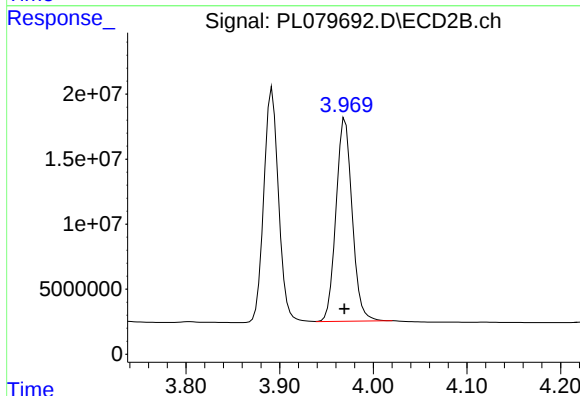
R.T.: 3.698 min  
Delta R.T.: 0.000 min  
Response: 185616311  
Conc: 48.24 ng/ml



#5 Aldrin

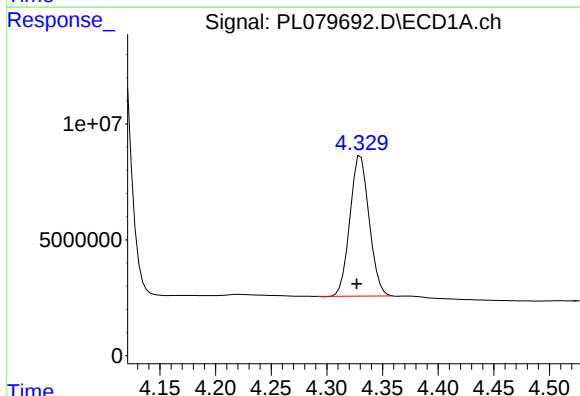
R.T.: 5.023 min  
Delta R.T.: 0.004 min  
Response: 162083048  
Conc: 52.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



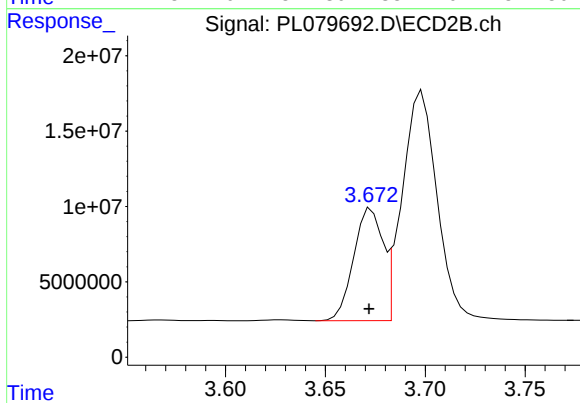
#5 Aldrin

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 187301448  
Conc: 50.45 ng/ml



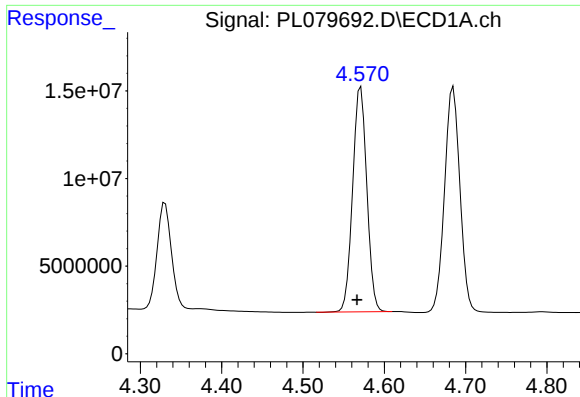
#6 beta-BHC

R.T.: 4.330 min  
Delta R.T.: 0.004 min  
Response: 72919074  
Conc: 51.64 ng/ml



#6 beta-BHC

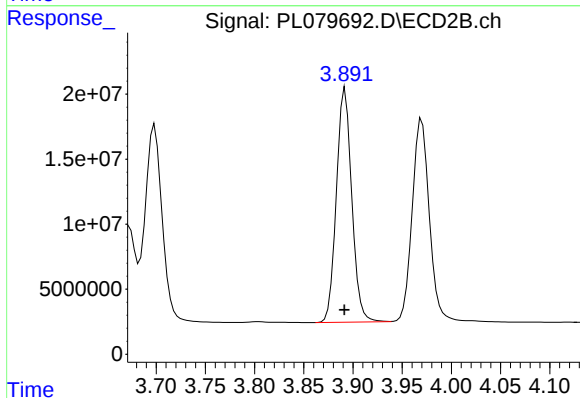
R.T.: 3.673 min  
Delta R.T.: 0.001 min  
Response: 75431571  
Conc: 49.78 ng/ml



#7 delta-BHC

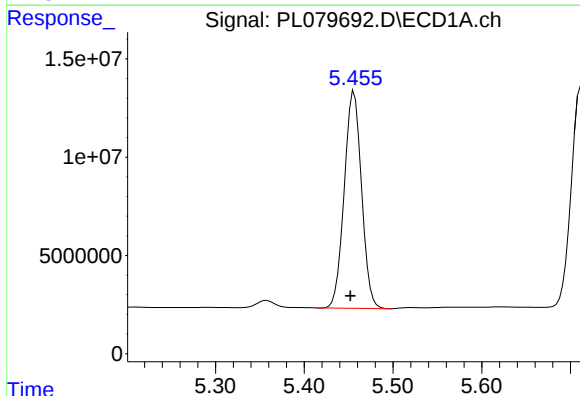
R.T.: 4.571 min  
Delta R.T.: 0.004 min  
Response: 155190639  
Conc: 55.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



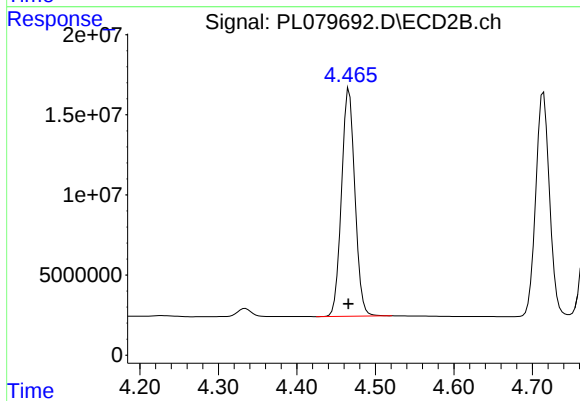
#7 delta-BHC

R.T.: 3.892 min  
Delta R.T.: 0.000 min  
Response: 195680912  
Conc: 50.86 ng/ml



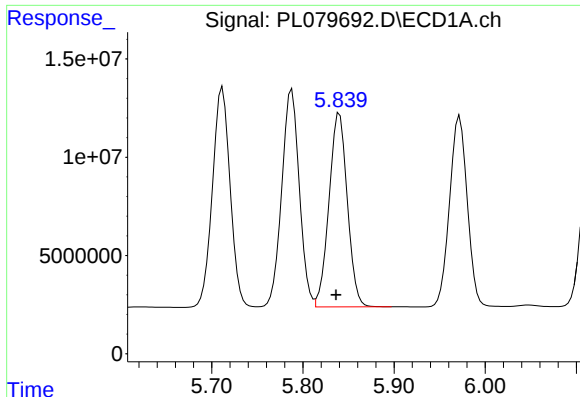
#8 Heptachlor epoxide

R.T.: 5.456 min  
Delta R.T.: 0.004 min  
Response: 149563799  
Conc: 52.39 ng/ml



#8 Heptachlor epoxide

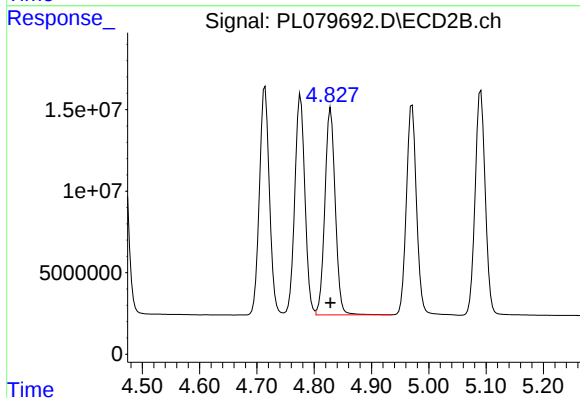
R.T.: 4.467 min  
Delta R.T.: 0.001 min  
Response: 168631563  
Conc: 49.96 ng/ml



#9 Endosulfan I

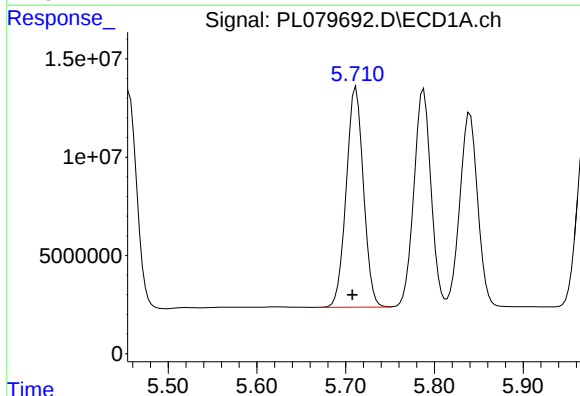
R.T.: 5.840 min  
Delta R.T.: 0.004 min  
Response: 137747538  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



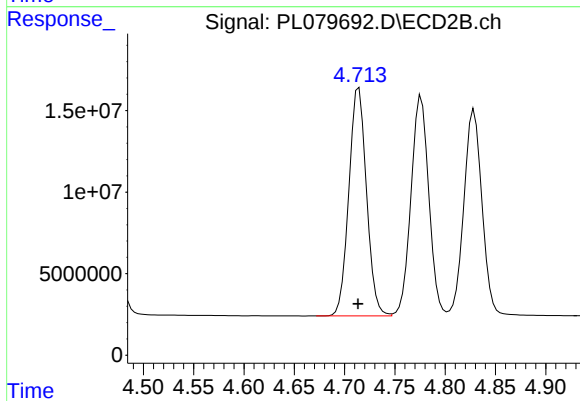
#9 Endosulfan I

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 160091871  
Conc: 50.03 ng/ml



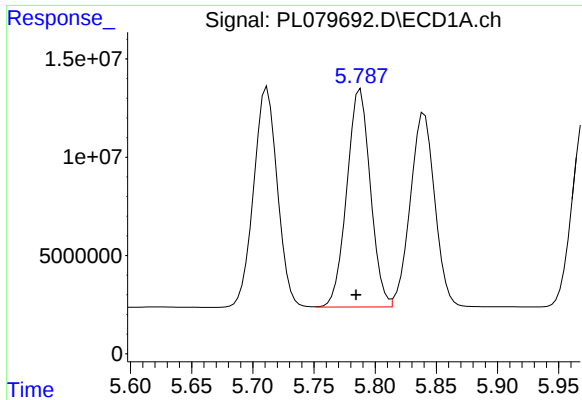
#10 gamma-Chlordane

R.T.: 5.712 min  
Delta R.T.: 0.004 min  
Response: 150896730  
Conc: 52.74 ng/ml



#10 gamma-Chlordane

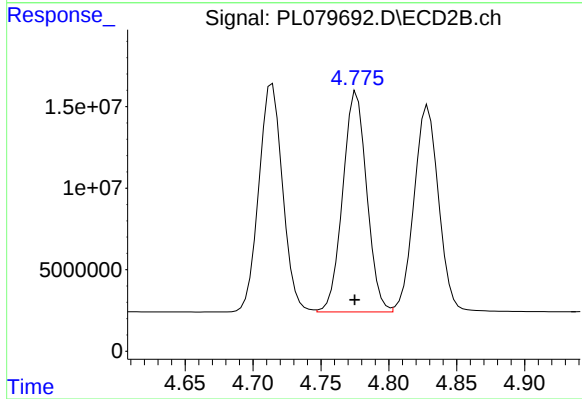
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 170525817  
Conc: 50.39 ng/ml



#11 alpha-Chlordane

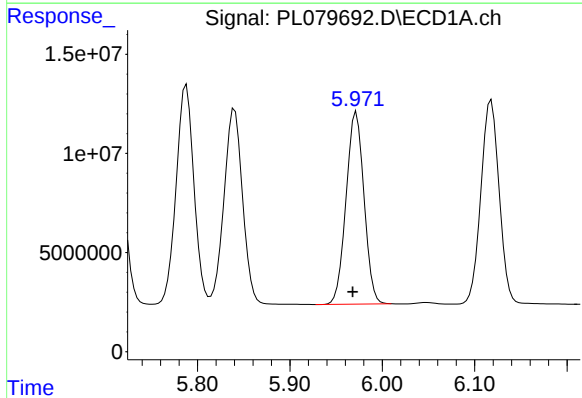
R.T.: 5.788 min  
Delta R.T.: 0.003 min  
Response: 148637351  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



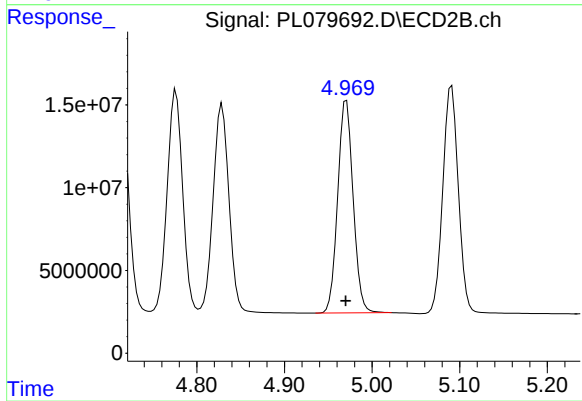
#11 alpha-Chlordane

R.T.: 4.776 min  
Delta R.T.: 0.001 min  
Response: 166200262  
Conc: 49.62 ng/ml



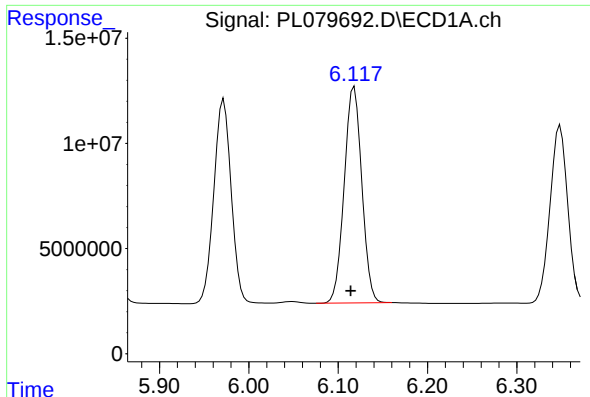
#12 4,4'-DDE

R.T.: 5.972 min  
Delta R.T.: 0.004 min  
Response: 130713295  
Conc: 52.32 ng/ml



#12 4,4'-DDE

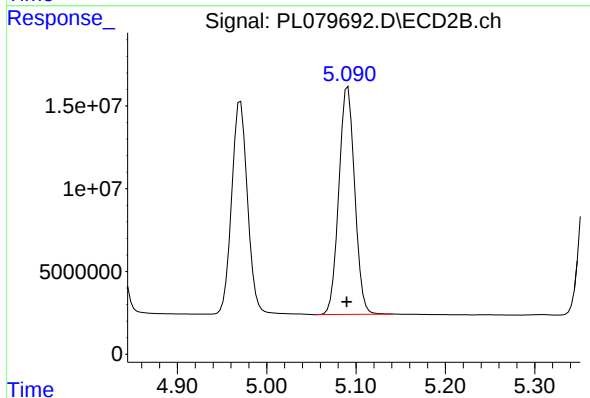
R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 157477069  
Conc: 51.36 ng/ml



#13 Dieldrin

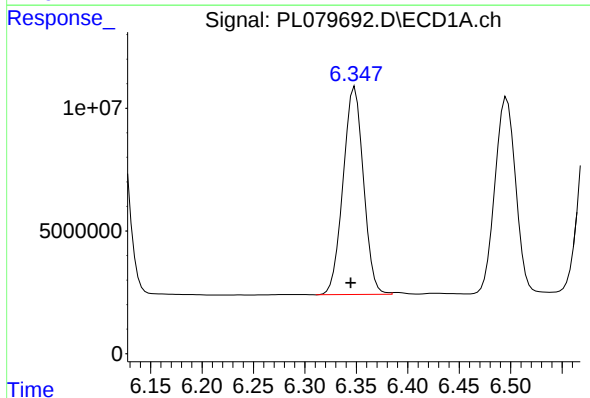
R.T.: 6.118 min  
Delta R.T.: 0.004 min  
Response: 140618257  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



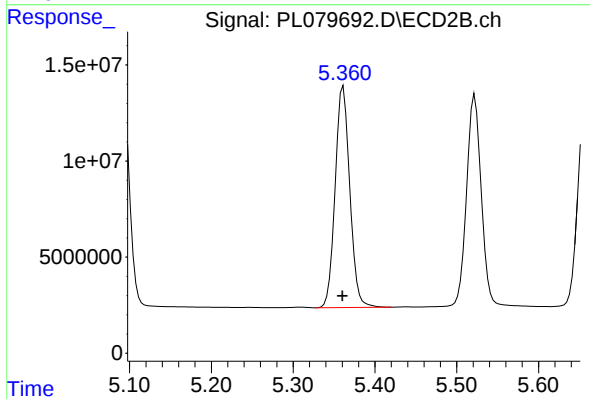
#13 Dieldrin

R.T.: 5.091 min  
Delta R.T.: 0.001 min  
Response: 169447922  
Conc: 50.26 ng/ml



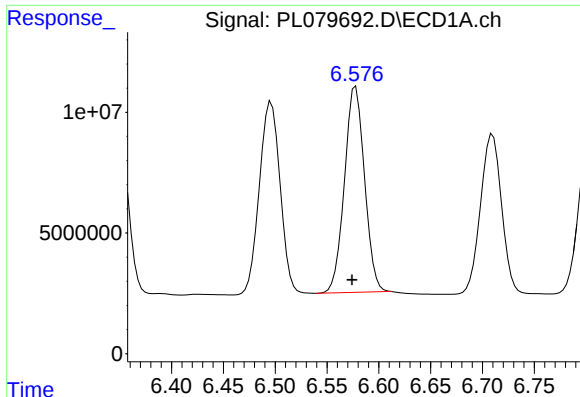
#14 Endrin

R.T.: 6.348 min  
Delta R.T.: 0.004 min  
Response: 116545675  
Conc: 48.18 ng/ml



#14 Endrin

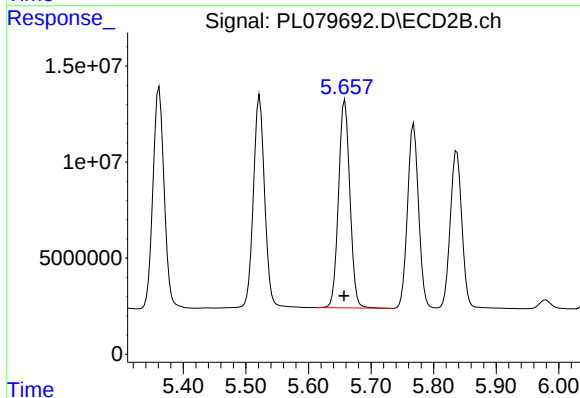
R.T.: 5.361 min  
Delta R.T.: 0.001 min  
Response: 143201618  
Conc: 47.34 ng/ml



#15 Endosulfan II

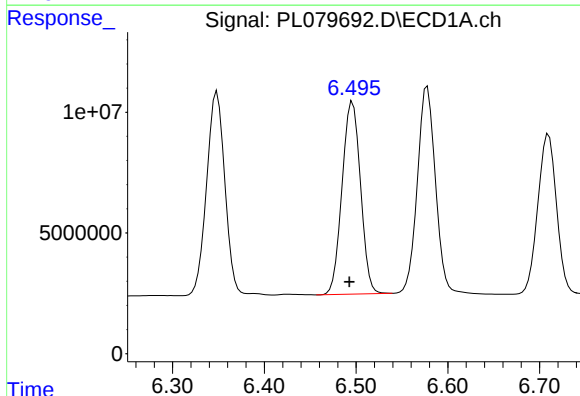
R.T.: 6.578 min  
Delta R.T.: 0.004 min  
Response: 114942357  
Conc: 50.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



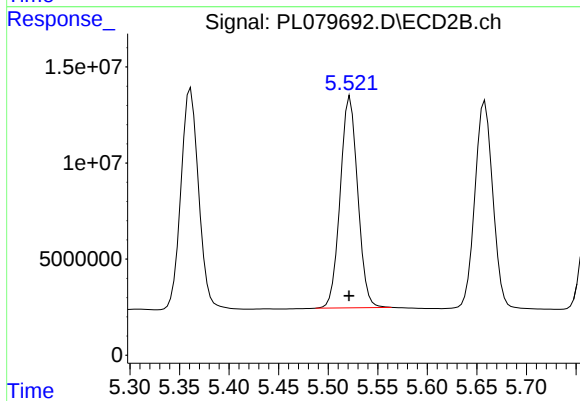
#15 Endosulfan II

R.T.: 5.658 min  
Delta R.T.: 0.001 min  
Response: 137127118  
Conc: 49.01 ng/ml



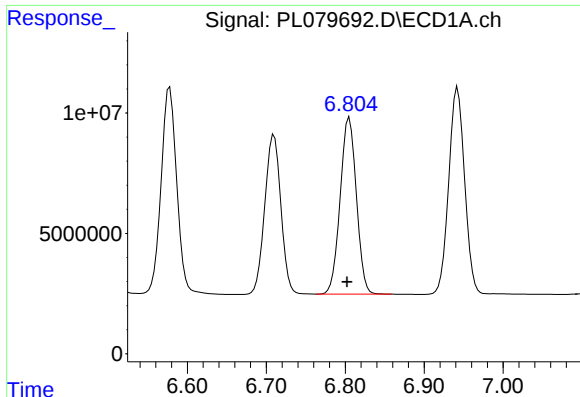
#16 4,4'-DDD

R.T.: 6.496 min  
Delta R.T.: 0.004 min  
Response: 111209415  
Conc: 56.05 ng/ml



#16 4,4'-DDD

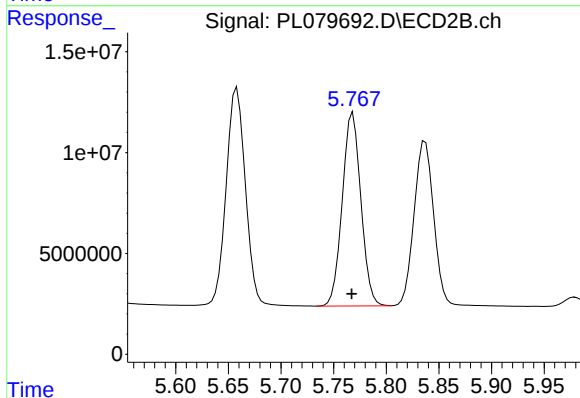
R.T.: 5.522 min  
Delta R.T.: 0.001 min  
Response: 135179206  
Conc: 54.04 ng/ml



#17 4,4'-DDT

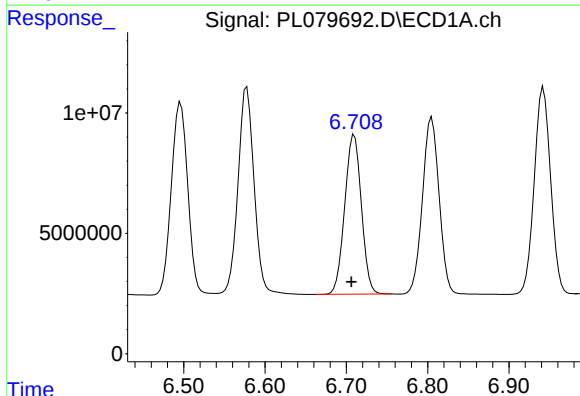
R.T.: 6.805 min  
Delta R.T.: 0.003 min  
Response: 104663058  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



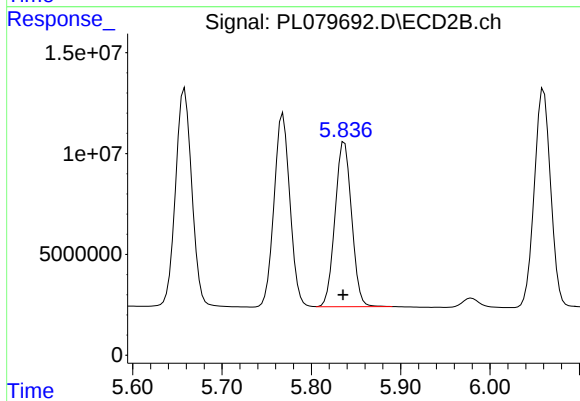
#17 4,4'-DDT

R.T.: 5.768 min  
Delta R.T.: 0.001 min  
Response: 118414954  
Conc: 45.31 ng/ml



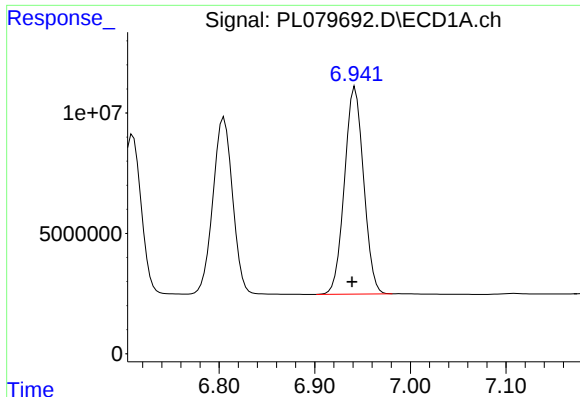
#18 Endrin aldehyde

R.T.: 6.710 min  
Delta R.T.: 0.004 min  
Response: 93866285  
Conc: 51.83 ng/ml



#18 Endrin aldehyde

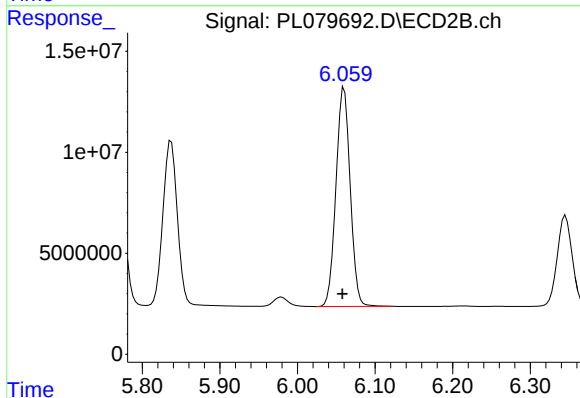
R.T.: 5.837 min  
Delta R.T.: 0.002 min  
Response: 105435705  
Conc: 49.54 ng/ml



#19 Endosulfan Sulfate

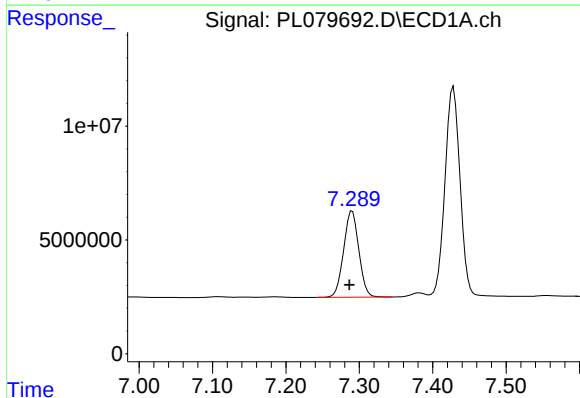
R.T.: 6.942 min  
Delta R.T.: 0.003 min  
Response: 120028220  
Conc: 51.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



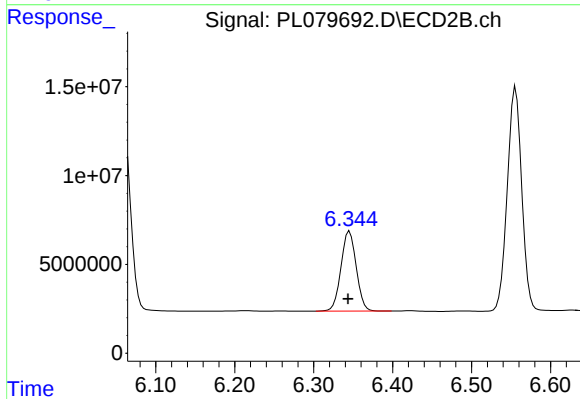
#19 Endosulfan Sulfate

R.T.: 6.060 min  
Delta R.T.: 0.002 min  
Response: 138372048  
Conc: 49.04 ng/ml



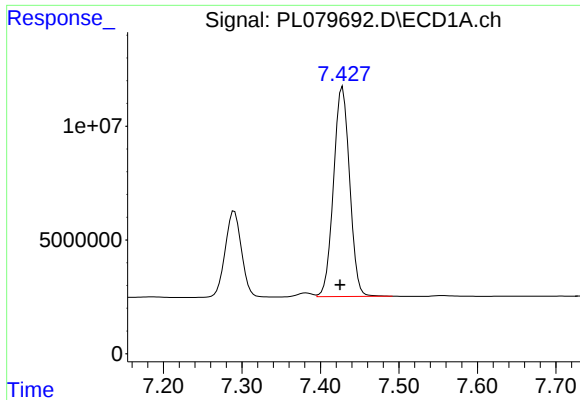
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: 0.004 min  
Response: 54434125  
Conc: 45.12 ng/ml



#20 Methoxychlor

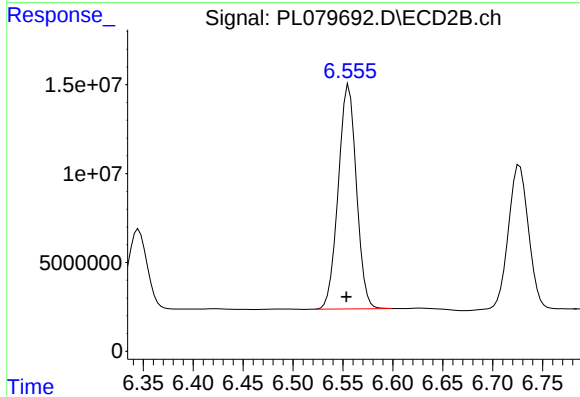
R.T.: 6.345 min  
Delta R.T.: 0.002 min  
Response: 60330085  
Conc: 44.39 ng/ml



#21 Endrin ketone

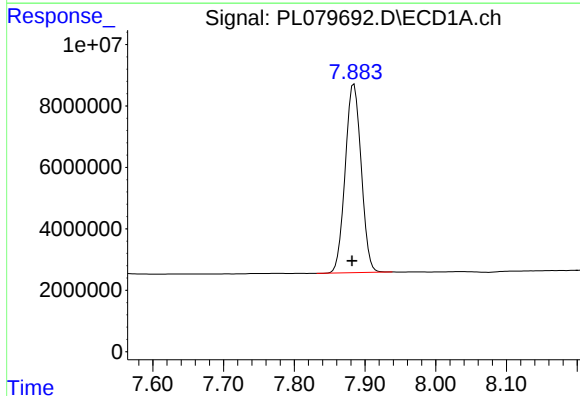
R.T.: 7.428 min  
Delta R.T.: 0.003 min  
Response: 131600249  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



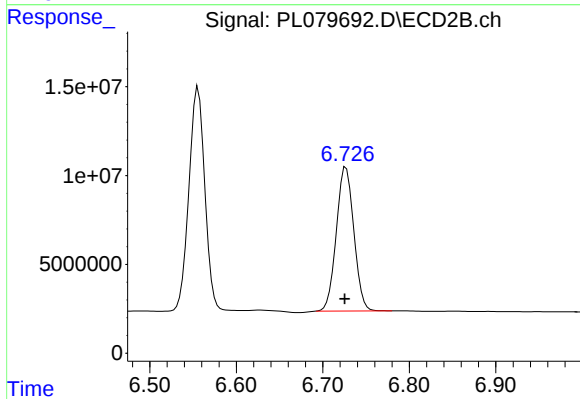
#21 Endrin ketone

R.T.: 6.556 min  
Delta R.T.: 0.002 min  
Response: 159605727  
Conc: 51.82 ng/ml



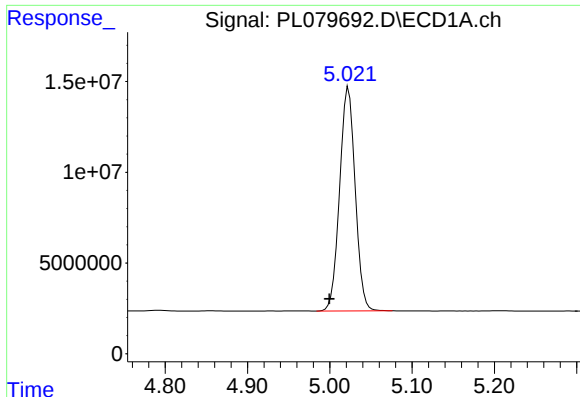
#22 Mirex

R.T.: 7.884 min  
Delta R.T.: 0.003 min  
Response: 96428262  
Conc: 50.91 ng/ml



#22 Mirex

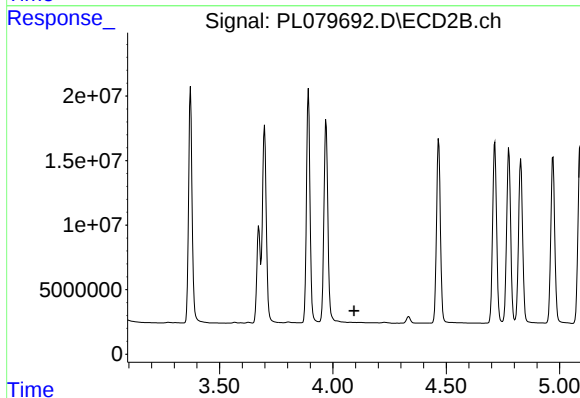
R.T.: 6.727 min  
Delta R.T.: 0.002 min  
Response: 113520008  
Conc: 48.00 ng/ml



#24 Chlordane-2

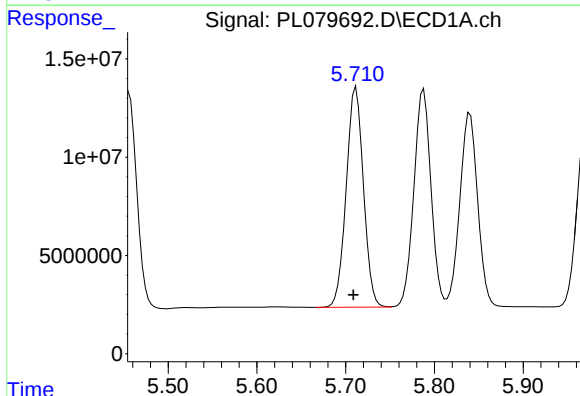
R.T.: 5.023 min  
Delta R.T.: 0.024 min  
Response: 162083048  
Conc: 1538.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



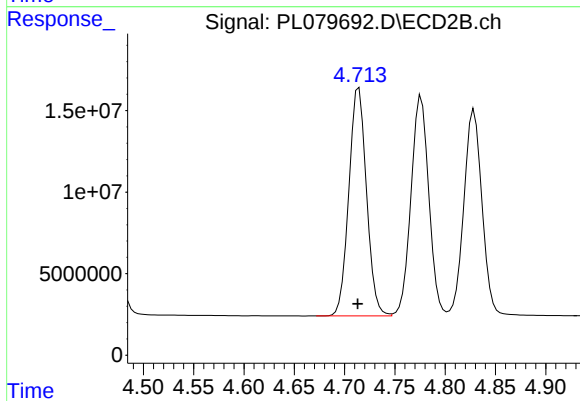
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.094 min  
Response: 0  
Conc: N.D.



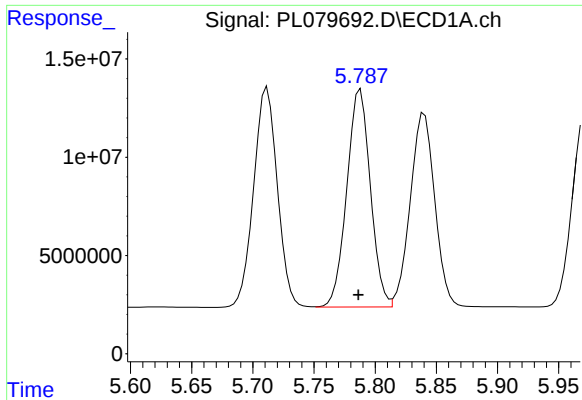
#25 Chlordane-3

R.T.: 5.712 min  
Delta R.T.: 0.003 min  
Response: 150896730  
Conc: 363.41 ng/ml



#25 Chlordane-3

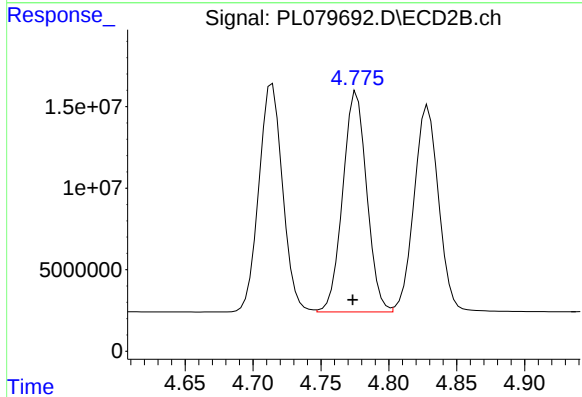
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 170525817  
Conc: 510.09 ng/ml



#26 Chlordane-4

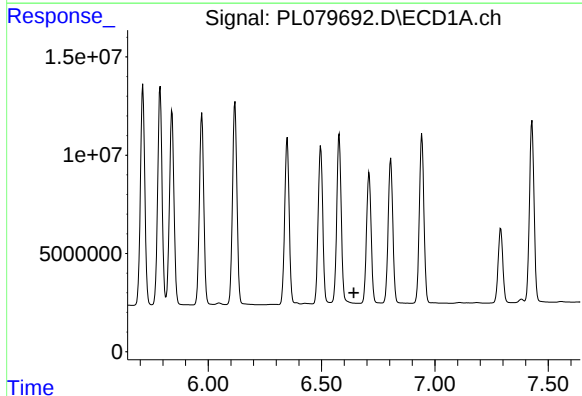
R.T.: 5.788 min  
Delta R.T.: 0.002 min  
Response: 148637351  
Conc: 292.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



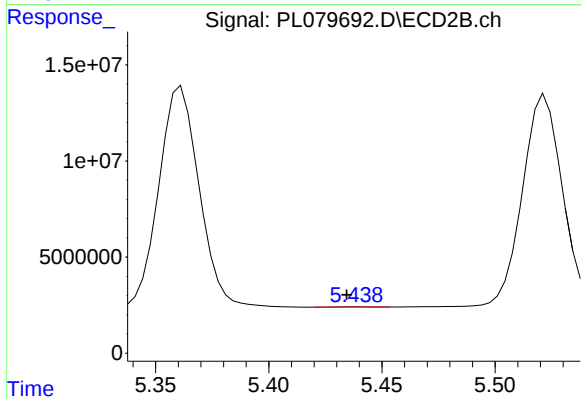
#26 Chlordane-4

R.T.: 4.776 min  
Delta R.T.: 0.003 min  
Response: 166200262  
Conc: 458.66 ng/ml



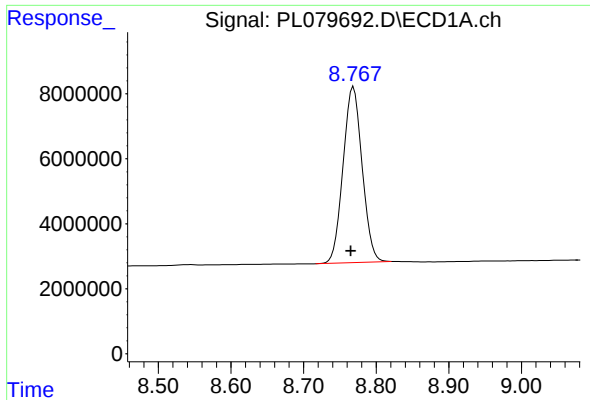
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.642 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

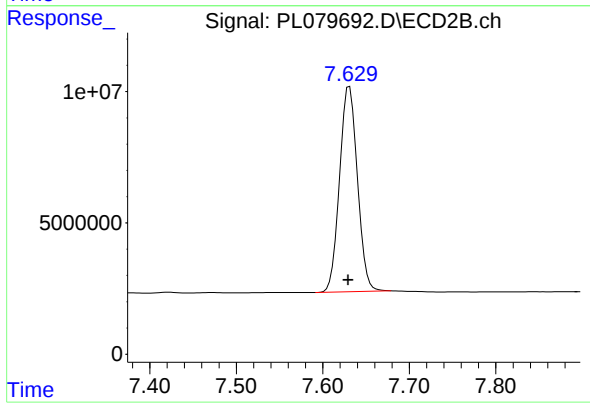
R.T.: 5.439 min  
Delta R.T.: 0.005 min  
Response: 152245  
Conc: 1.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.769 min  
Delta R.T.: 0.004 min  
Response: 98874722  
Conc: 50.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.631 min  
Delta R.T.: 0.002 min  
Response: 111625906  
Conc: 47.51 ng/ml