

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083022\  
 Data File : PL077371.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2022 10:13  
 Operator : AR\AJ  
 Sample : N4395-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 16:44:26 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 23 05:36:06 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... | 3.425  | 2.633  | 29512094 | 61281014 | 21.689 | 19.940   |
| 28)                         | SA Decachlor... | 8.918  | 7.740  | 20991663 | 45955349 | 17.913 | 16.470   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.862f | 3.112  | 18197043 | 31217454 | 9.823  | 7.149 #  |
| 3)                          | MA gamma-BHC... | 4.215  | 3.457  | 4960345  | 2043131  | 2.834  | 0.523 #  |
| 4)                          | MA Heptachlor   | 4.802  | 3.785  | 3391245  | 718348   | 1.960  | 0.184 #  |
| 5)                          | MB Aldrin       | 5.111f | 4.040f | -13525   | 5638093  | N.D.   | 1.523    |
| 6)                          | B beta-BHC      | 4.415  | 3.752  | 1691170  | 454756   | 2.276  | 0.276 #  |
| 7)                          | B delta-BHC     | 4.652f | 3.962  | 5906755  | 8888992  | 3.823  | 2.232 #  |
| 9)                          | A Endosulfan I  | 5.942  | 4.920  | 484384   | 2314255  | 0.368  | 0.750 #  |
| 10)                         | B gamma-Chl...  | 5.793f | 4.802  | 7693055  | 593097   | 5.486  | 0.177 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 4.876  | 0        | 5224225  | N.D.   | 1.596 #  |
| 12)                         | B 4,4'-DDE      | 6.079  | 5.081f | 368118   | 1443710  | 0.284  | 0.447 #  |
| 13)                         | MA Dieldrin     | 6.237  | 5.166f | 285151   | 1897415  | 0.213  | 0.578 #  |
| 14)                         | MA Endrin       | 6.465  | 0.000  | 704216   | 0        | 0.597  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.679  | 5.773f | 117696   | 2960041  | 0.107  | 1.091 #  |
| 16)                         | A 4,4'-DDD      | 6.609  | 5.612  | 1813605  | 4632916  | 1.776  | 1.733    |
| 18)                         | B Endrin al...  | 6.825  | 5.919  | 3994808  | 1468363  | 4.376  | 0.702 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.145  | 0        | 2899705  | N.D.   | 1.081 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.436  | 0        | 3323669  | N.D.   | 2.356 #  |
| 21)                         | B Endrin ke...  | 7.554  | 6.682f | 459723   | 219668   | 0.377  | 0.076 #  |
| 23)                         | Chlordane-1     | 4.566  | 0.000  | 524228   | 0        | 12.253 | N.D. #   |
| 24)                         | Chlordane-2     | 5.111  | 4.193  | -13525   | 222217   | N.D.   | 2.074    |
| 25)                         | Chlordane-3     | 5.793f | 4.802  | 7693055  | 593097   | 43.250 | 1.942 #  |
| 26)                         | Chlordane-4     | 0.000  | 4.876  | 0        | 5224225  | N.D.   | 16.508 # |
| 27)                         | Chlordane-5     | 0.000  | 5.528  | 0        | 7027004  | N.D.   | 80.260 # |
| -----                       |                 |        |        |          |          |        |          |

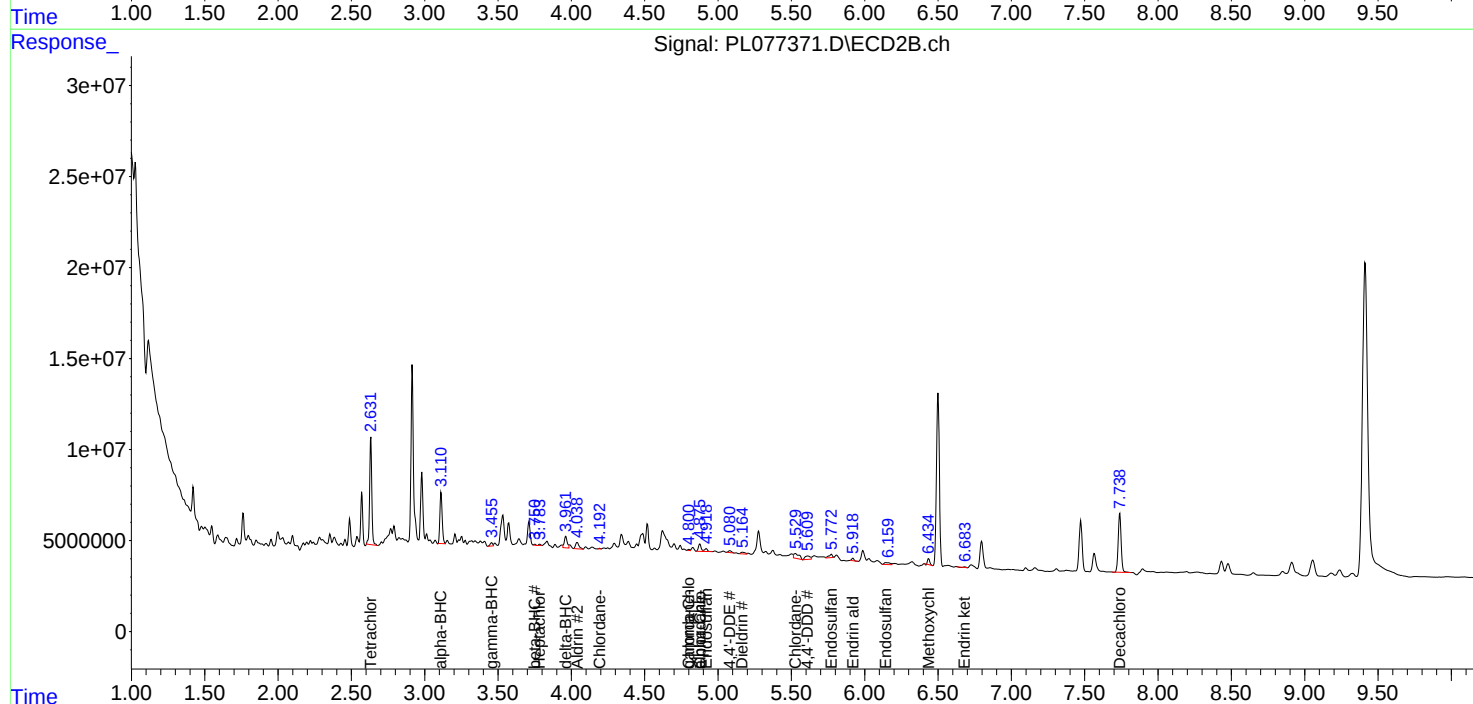
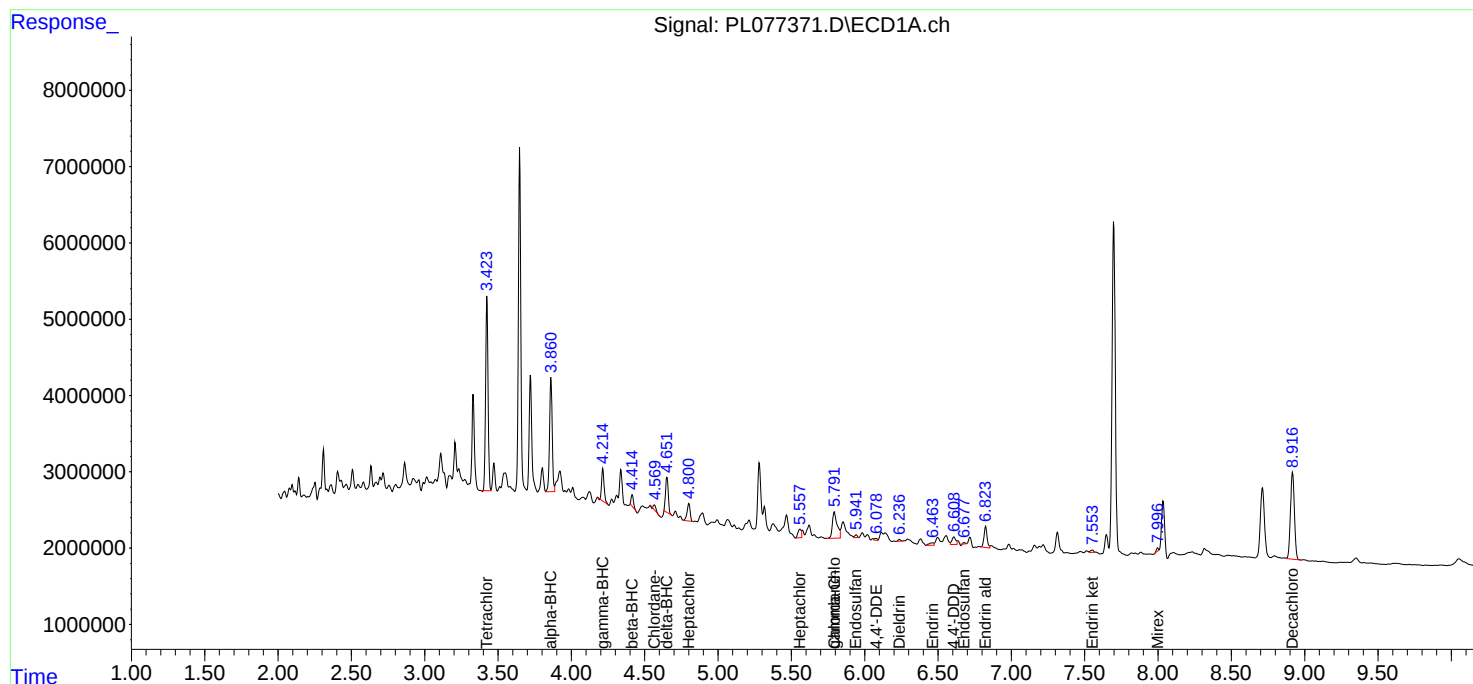
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

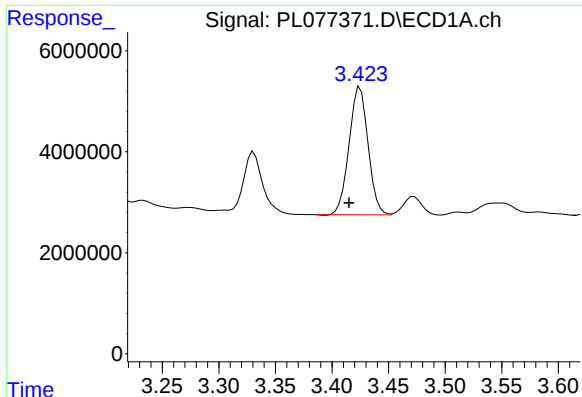
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083022\  
Data File : PL077371.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Aug 2022 10:13  
Operator : AR\AJ  
Sample : N4395-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 30 16:44:26 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082222.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 23 05:36:06 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

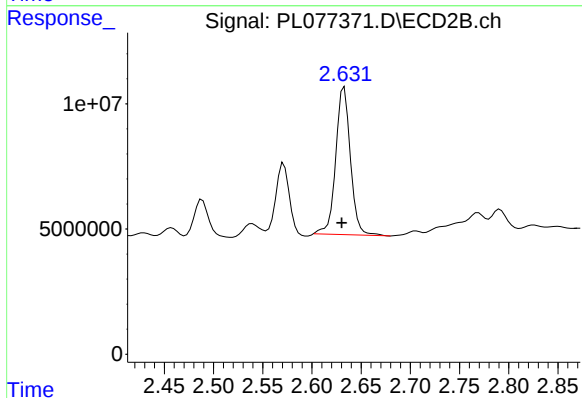




#1 Tetrachloro-m-xylene

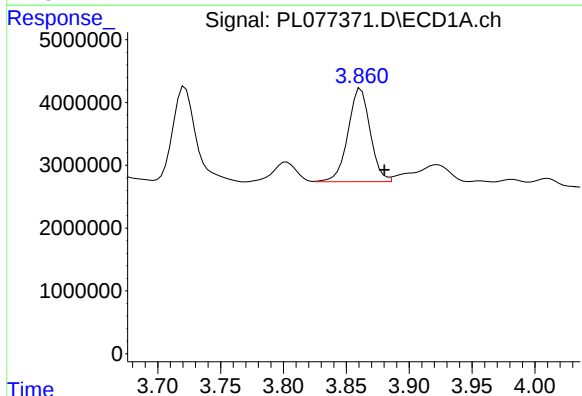
R.T.: 3.425 min  
Delta R.T.: 0.010 min  
Response: 29512094  
Conc: 21.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



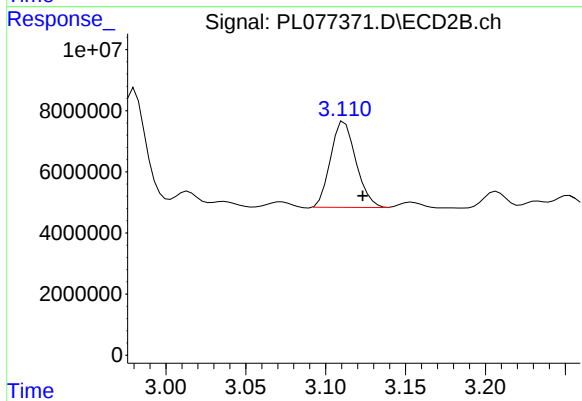
#1 Tetrachloro-m-xylene

R.T.: 2.633 min  
Delta R.T.: 0.003 min  
Response: 61281014  
Conc: 19.94 ng/ml



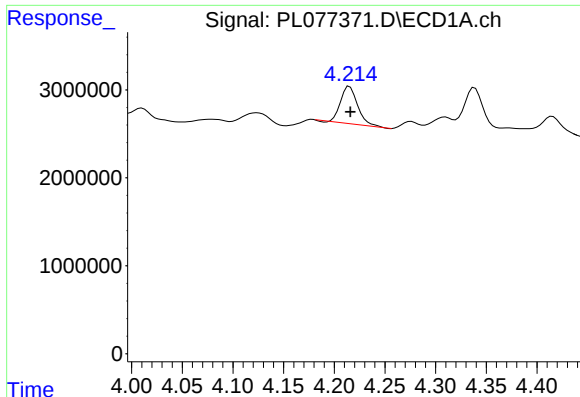
#2 alpha-BHC

R.T.: 3.862 min  
Delta R.T.: -0.019 min  
Response: 18197043  
Conc: 9.82 ng/ml



#2 alpha-BHC

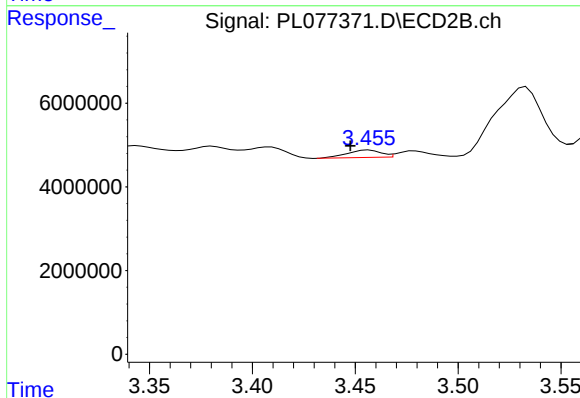
R.T.: 3.112 min  
Delta R.T.: -0.011 min  
Response: 31217454  
Conc: 7.15 ng/ml



#3 gamma-BHC (Lindane)

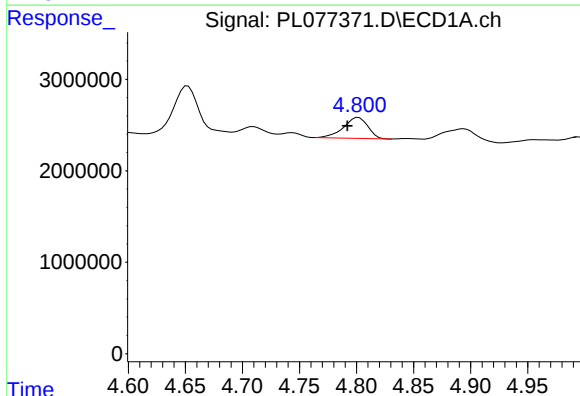
R.T.: 4.215 min  
Delta R.T.: 0.000 min  
Response: 4960345  
Conc: 2.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



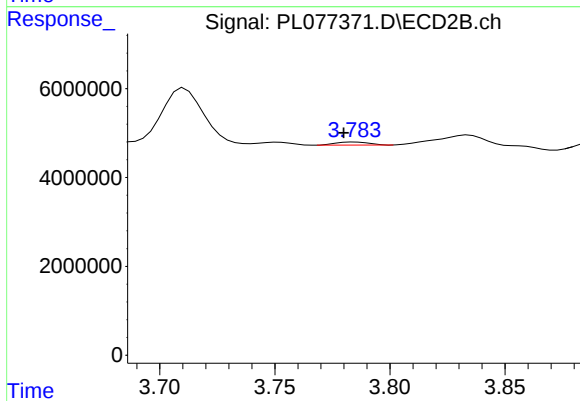
#3 gamma-BHC (Lindane)

R.T.: 3.457 min  
Delta R.T.: 0.009 min  
Response: 2043131  
Conc: 0.52 ng/ml



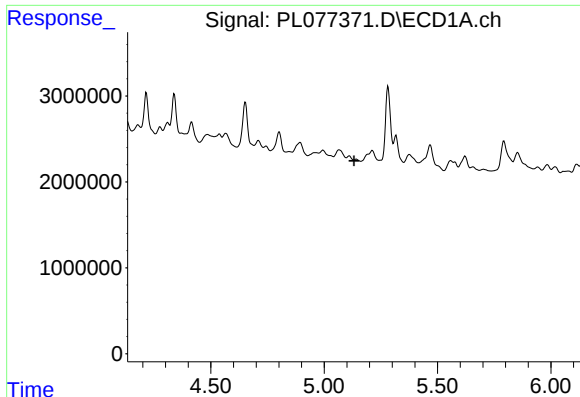
#4 Heptachlor

R.T.: 4.802 min  
Delta R.T.: 0.010 min  
Response: 3391245  
Conc: 1.96 ng/ml



#4 Heptachlor

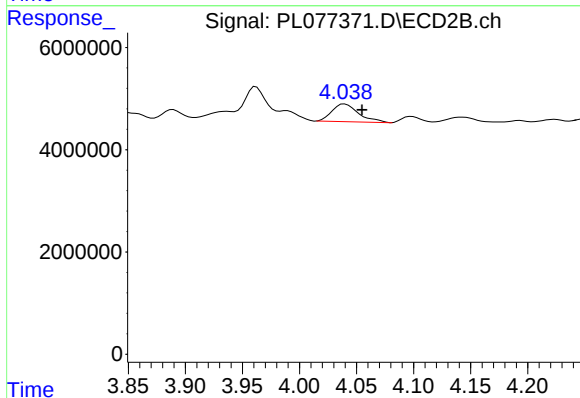
R.T.: 3.785 min  
Delta R.T.: 0.005 min  
Response: 718348  
Conc: 0.18 ng/ml



#5 Aldrin

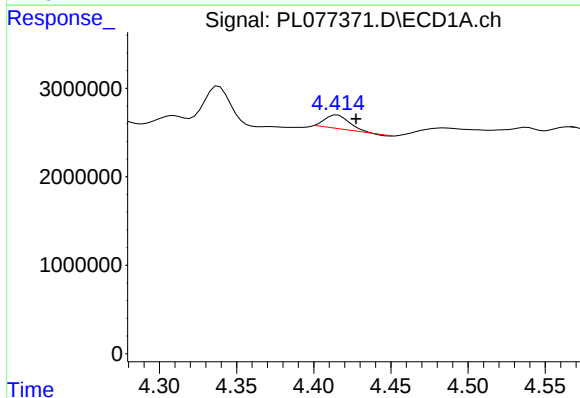
R.T.: 5.111 min  
Delta R.T.: -0.021 min  
Response: -13525  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



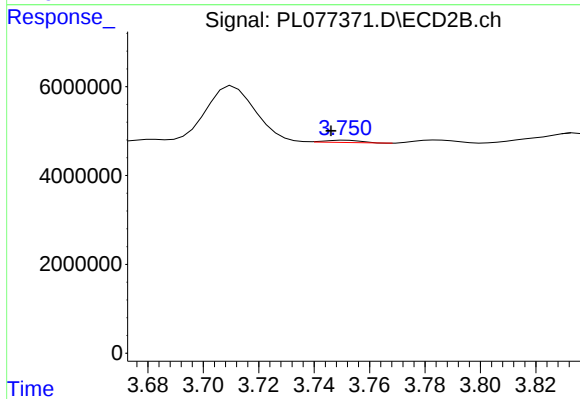
#5 Aldrin

R.T.: 4.040 min  
Delta R.T.: -0.015 min  
Response: 5638093  
Conc: 1.52 ng/ml



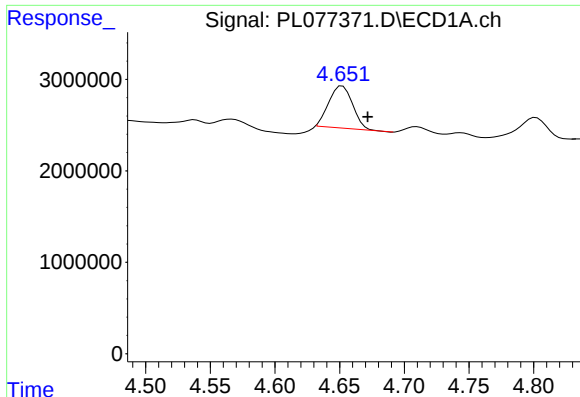
#6 beta-BHC

R.T.: 4.415 min  
Delta R.T.: -0.012 min  
Response: 1691170  
Conc: 2.28 ng/ml



#6 beta-BHC

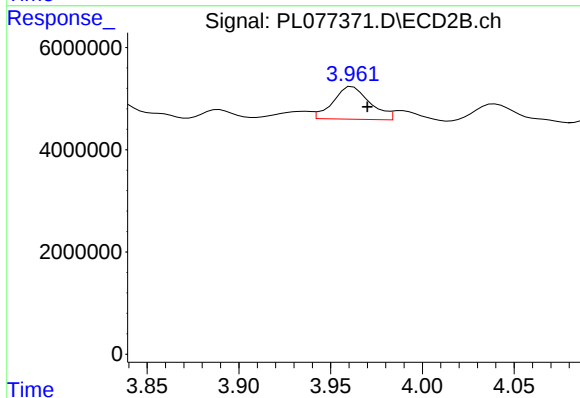
R.T.: 3.752 min  
Delta R.T.: 0.005 min  
Response: 454756  
Conc: 0.28 ng/ml



#7 delta-BHC

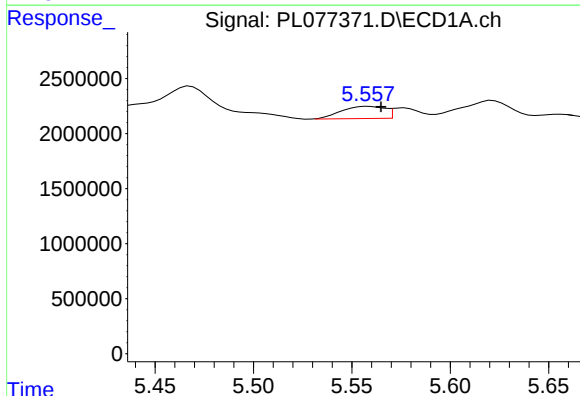
R.T.: 4.652 min  
Delta R.T.: -0.019 min  
Response: 5906755  
Conc: 3.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



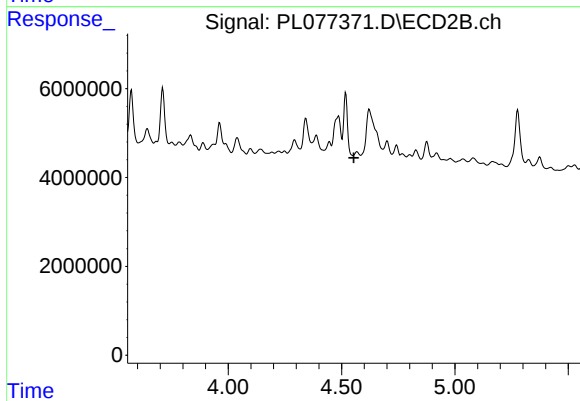
#7 delta-BHC

R.T.: 3.962 min  
Delta R.T.: -0.008 min  
Response: 8888992  
Conc: 2.23 ng/ml



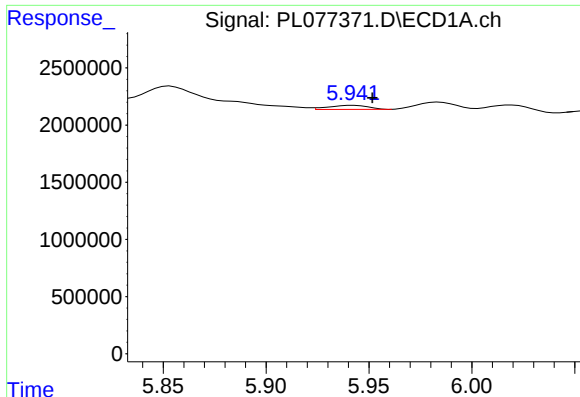
#8 Heptachlor epoxide

R.T.: 5.558 min  
Delta R.T.: -0.007 min  
Response: 1697816  
Conc: 1.26 ng/ml



#8 Heptachlor epoxide

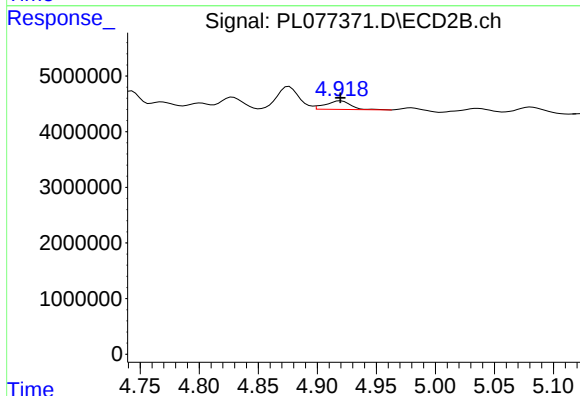
R.T.: 4.568 min  
Delta R.T.: 0.014 min  
Response: -4562023  
Conc: N.D.



#9 Endosulfan I

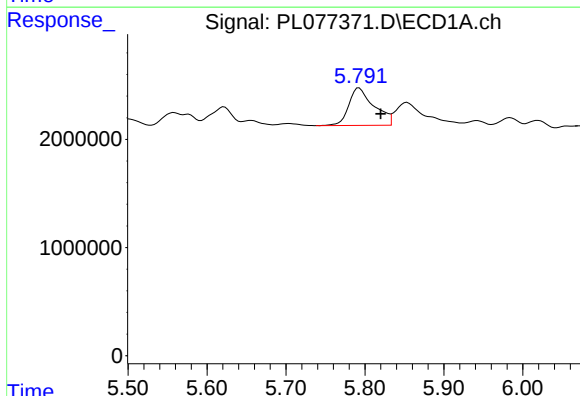
R.T.: 5.942 min  
Delta R.T.: -0.009 min  
Response: 484384  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



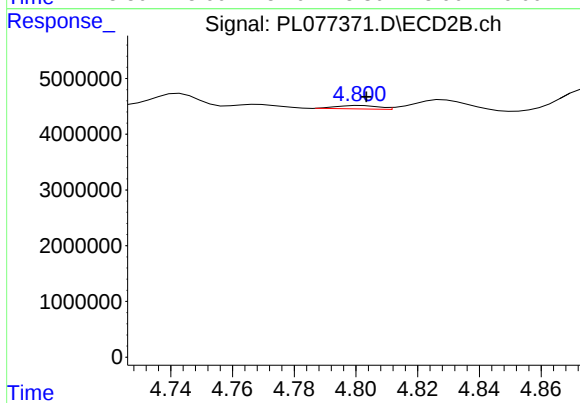
#9 Endosulfan I

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 2314255  
Conc: 0.75 ng/ml



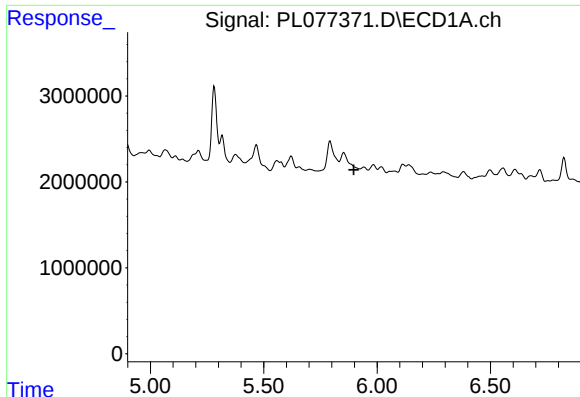
#10 gamma-Chlordane

R.T.: 5.793 min  
Delta R.T.: -0.027 min  
Response: 7693055  
Conc: 5.49 ng/ml



#10 gamma-Chlordane

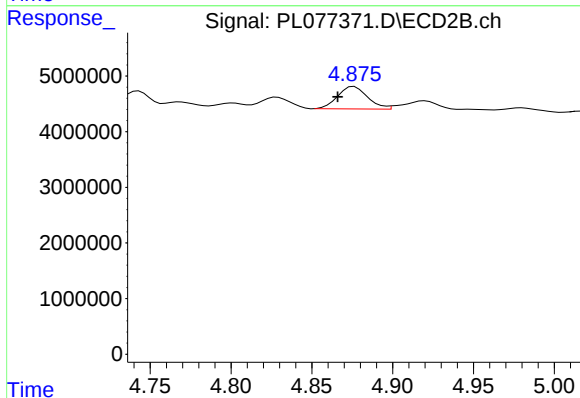
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 593097  
Conc: 0.18 ng/ml



#11 alpha-Chlordane

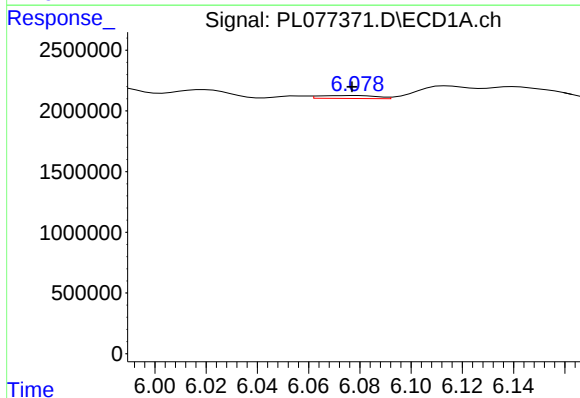
R.T.: 0.000 min  
Exp R.T.: 5.898 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



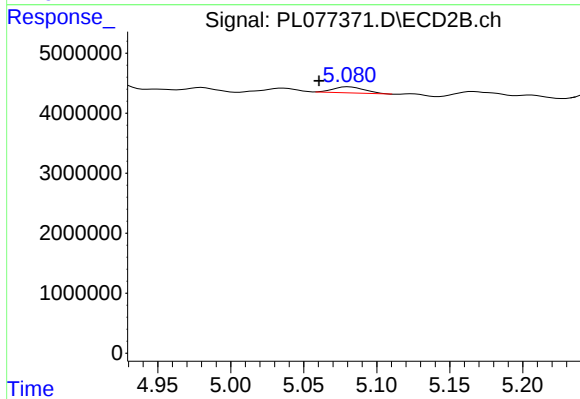
#11 alpha-Chlordane

R.T.: 4.876 min  
Delta R.T.: 0.010 min  
Response: 5224225  
Conc: 1.60 ng/ml



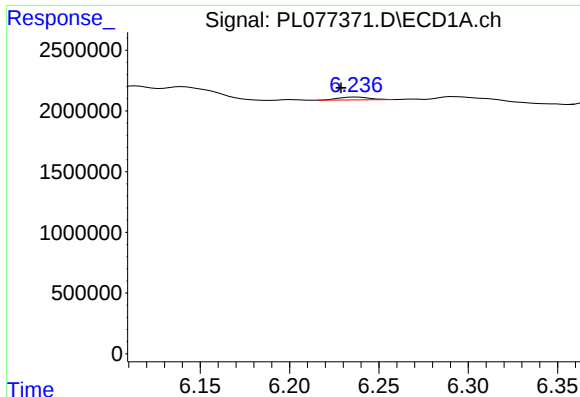
#12 4,4'-DDE

R.T.: 6.079 min  
Delta R.T.: 0.002 min  
Response: 368118  
Conc: 0.28 ng/ml



#12 4,4'-DDE

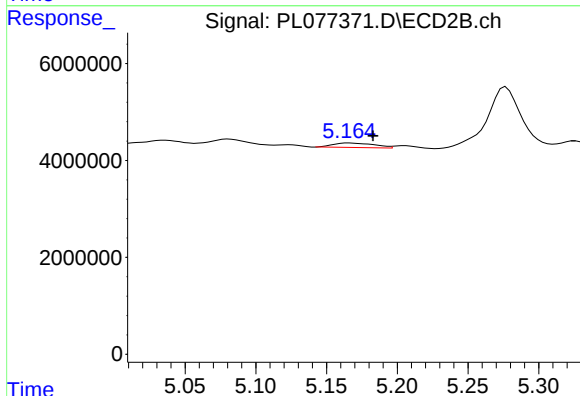
R.T.: 5.081 min  
Delta R.T.: 0.021 min  
Response: 1443710  
Conc: 0.45 ng/ml



#13 Dieldrin

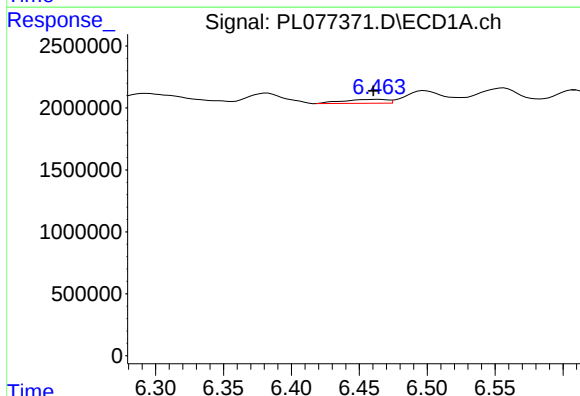
R.T.: 6.237 min  
Delta R.T.: 0.008 min  
Response: 285151  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



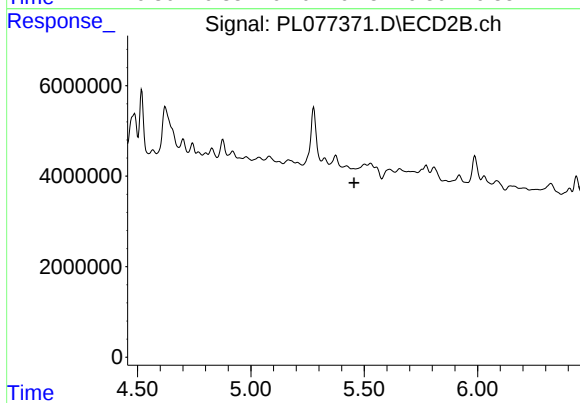
#13 Dieldrin

R.T.: 5.166 min  
Delta R.T.: -0.017 min  
Response: 1897415  
Conc: 0.58 ng/ml



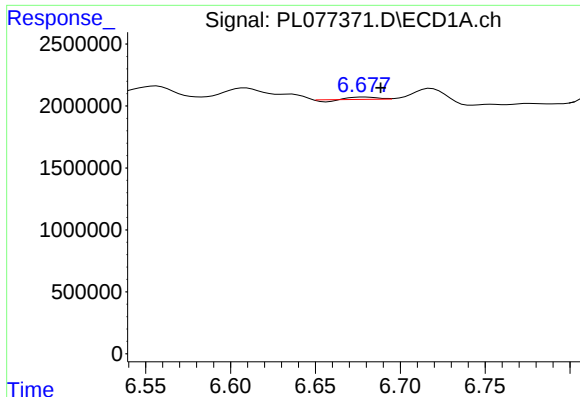
#14 Endrin

R.T.: 6.465 min  
Delta R.T.: 0.004 min  
Response: 704216  
Conc: 0.60 ng/ml



#14 Endrin

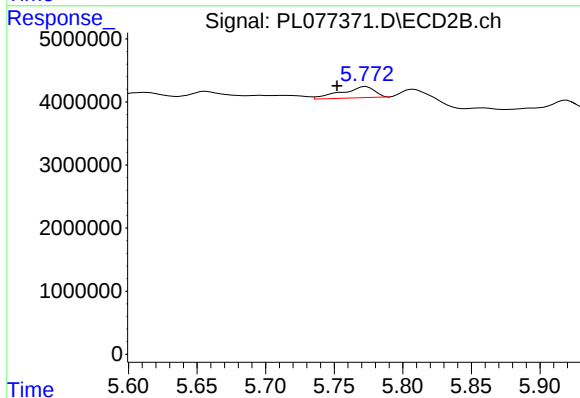
R.T.: 0.000 min  
Exp R.T. : 5.456 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

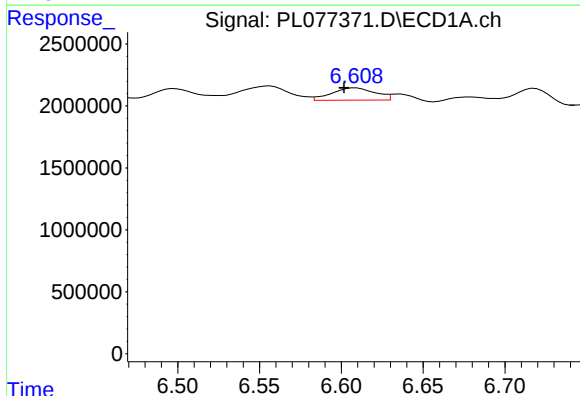
R.T.: 6.679 min  
Delta R.T.: -0.010 min  
Response: 117696  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



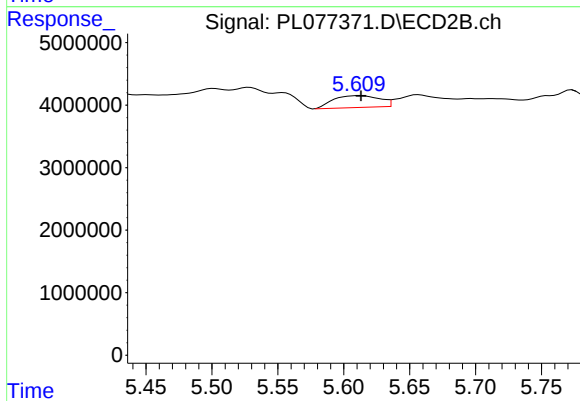
#15 Endosulfan II

R.T.: 5.773 min  
Delta R.T.: 0.021 min  
Response: 2960041  
Conc: 1.09 ng/ml



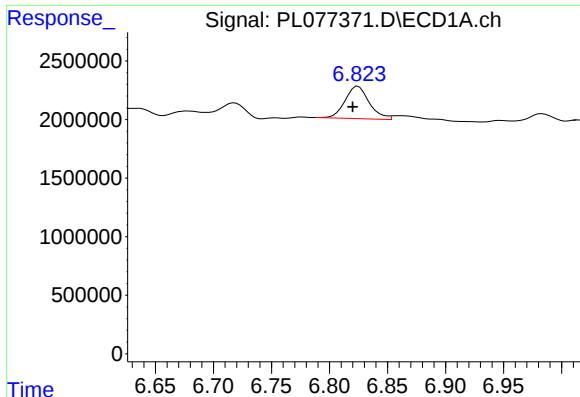
#16 4,4'-DDD

R.T.: 6.609 min  
Delta R.T.: 0.007 min  
Response: 1813605  
Conc: 1.78 ng/ml



#16 4,4'-DDD

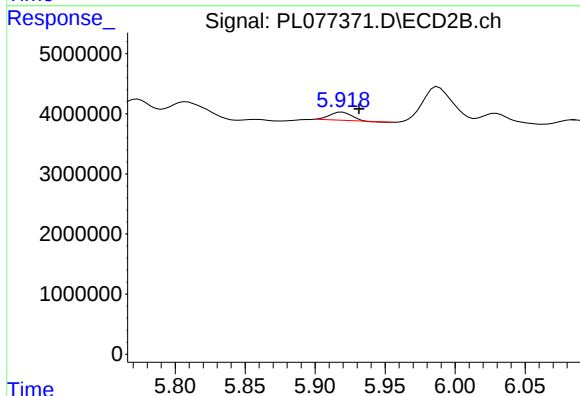
R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 4632916  
Conc: 1.73 ng/ml



#18 Endrin aldehyde

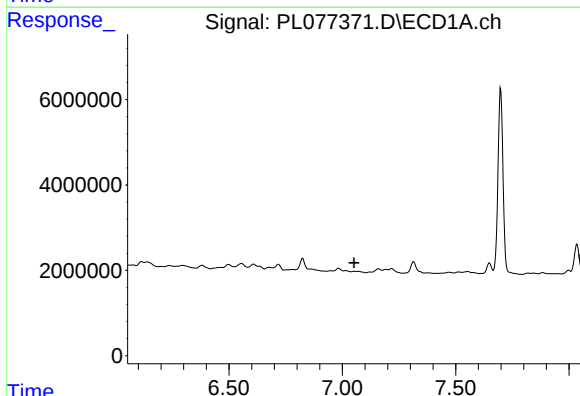
R.T.: 6.825 min  
Delta R.T.: 0.005 min  
Response: 3994808  
Conc: 4.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



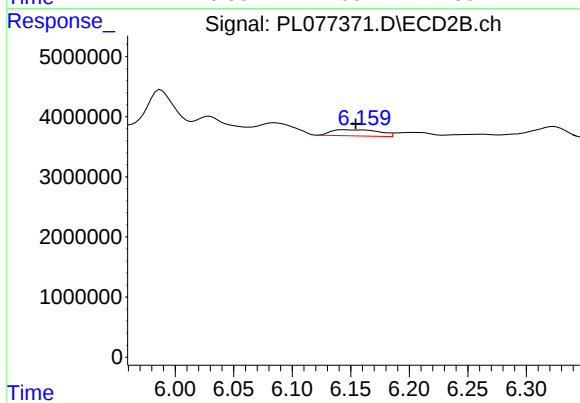
#18 Endrin aldehyde

R.T.: 5.919 min  
Delta R.T.: -0.012 min  
Response: 1468363  
Conc: 0.70 ng/ml



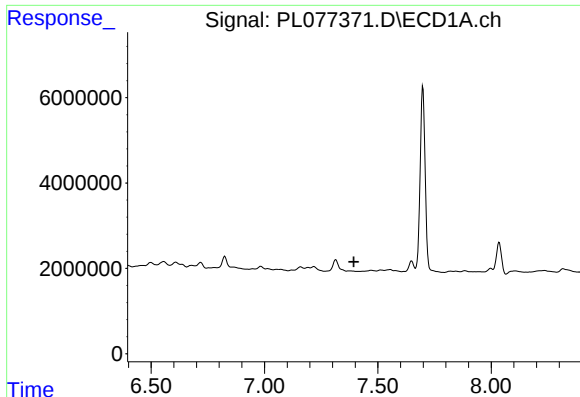
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.052 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

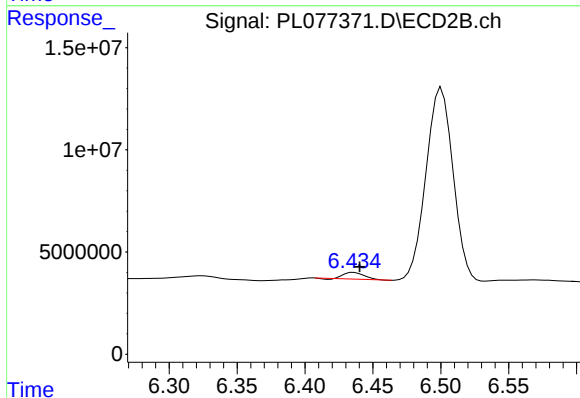
R.T.: 6.145 min  
Delta R.T.: -0.009 min  
Response: 2899705  
Conc: 1.08 ng/ml



#20 Methoxychlor

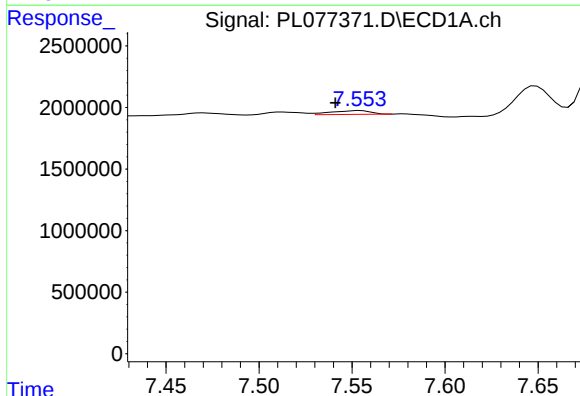
R.T.: 0.000 min  
Exp R.T.: 7.394 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



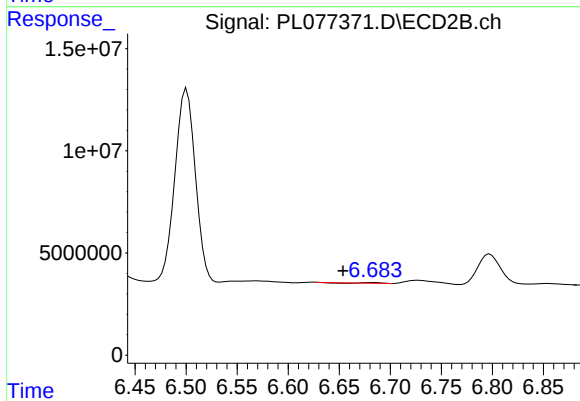
#20 Methoxychlor

R.T.: 6.436 min  
Delta R.T.: -0.004 min  
Response: 3323669  
Conc: 2.36 ng/ml



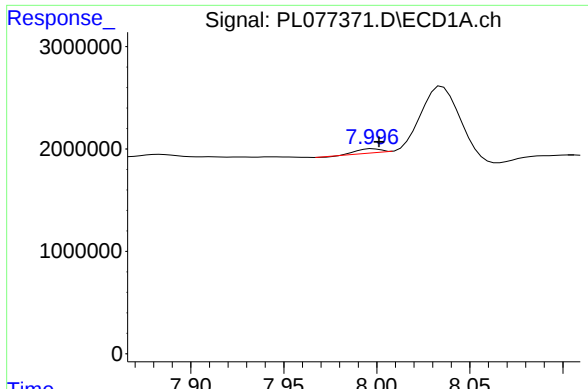
#21 Endrin ketone

R.T.: 7.554 min  
Delta R.T.: 0.013 min  
Response: 459723  
Conc: 0.38 ng/ml



#21 Endrin ketone

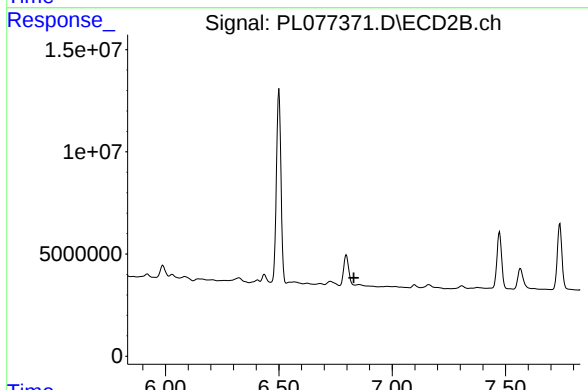
R.T.: 6.682 min  
Delta R.T.: 0.028 min  
Response: 219668  
Conc: 0.08 ng/ml



#22 Mirex

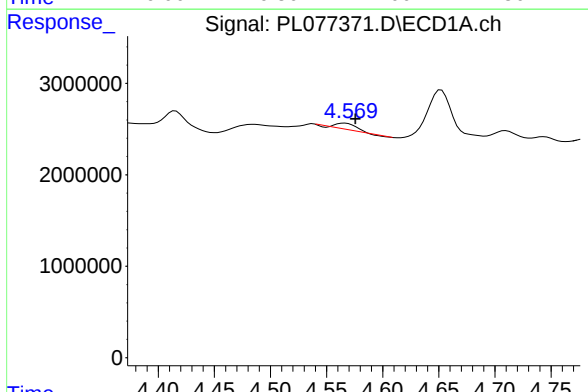
R.T.: 7.998 min  
Delta R.T.: -0.003 min  
Response: 340951  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



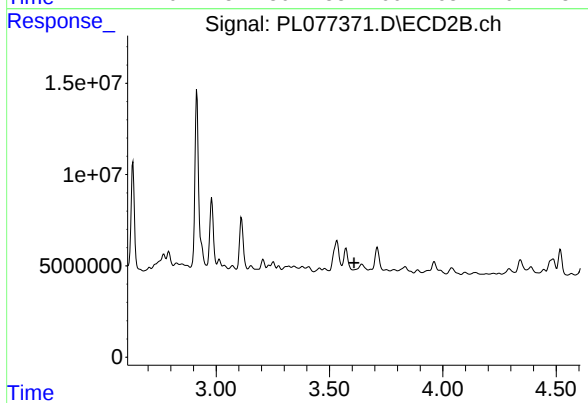
#22 Mirex

R.T.: 6.855 min  
Delta R.T.: 0.024 min  
Response: -21962779  
Conc: N.D.



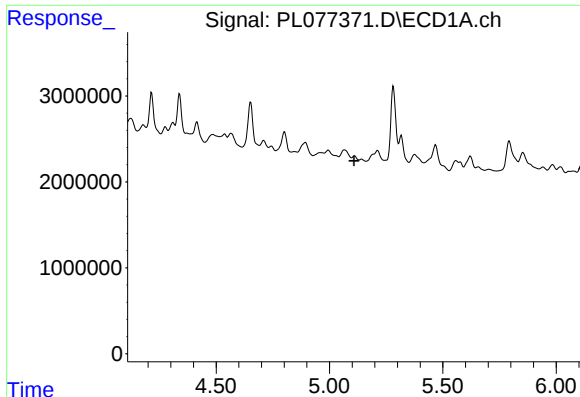
#23 Chlordane-1

R.T.: 4.566 min  
Delta R.T.: -0.009 min  
Response: 524228  
Conc: 12.25 ng/ml



#23 Chlordane-1

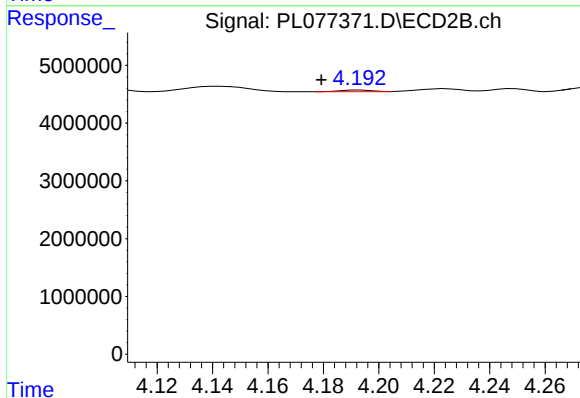
R.T.: 0.000 min  
Exp R.T. : 3.609 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

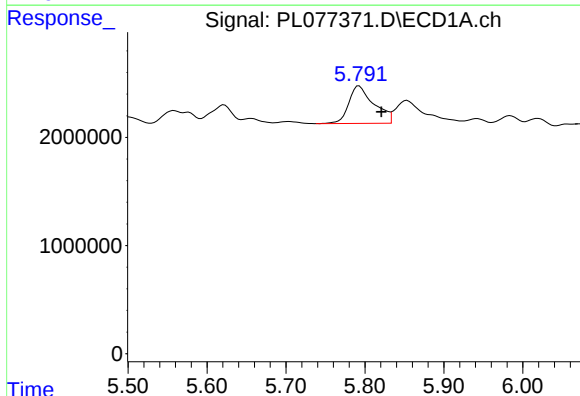
R.T.: 5.111 min  
Delta R.T.: 0.002 min  
Response: -13525  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



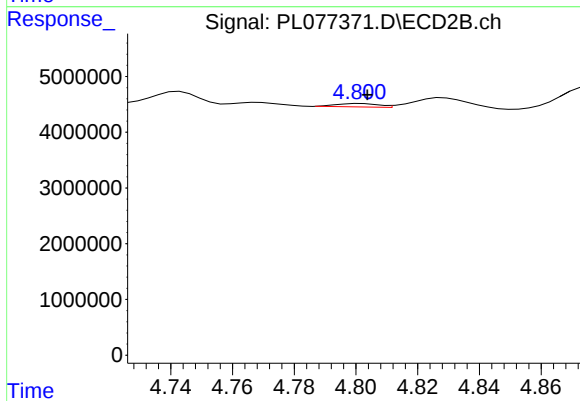
#24 Chlordane-2

R.T.: 4.193 min  
Delta R.T.: 0.014 min  
Response: 222217  
Conc: 2.07 ng/ml



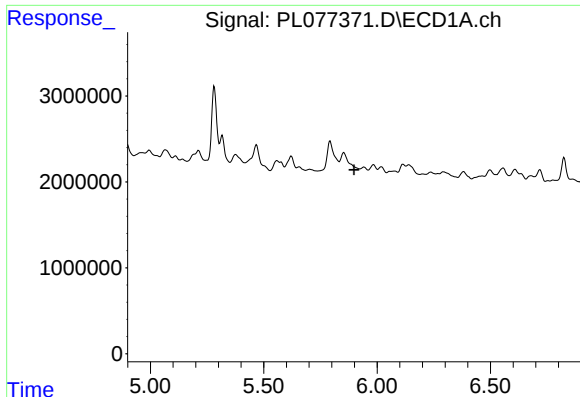
#25 Chlordane-3

R.T.: 5.793 min  
Delta R.T.: -0.028 min  
Response: 7693055  
Conc: 43.25 ng/ml



#25 Chlordane-3

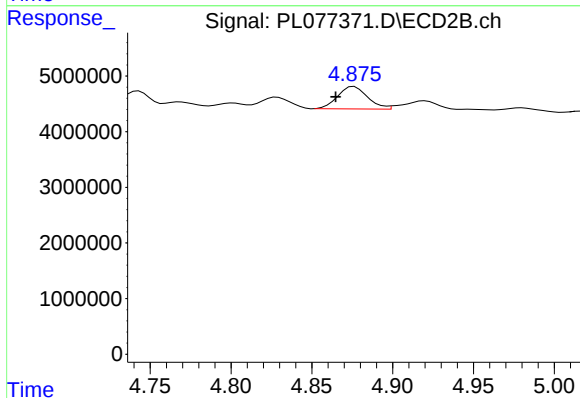
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 593097  
Conc: 1.94 ng/ml



#26 Chlordane-4

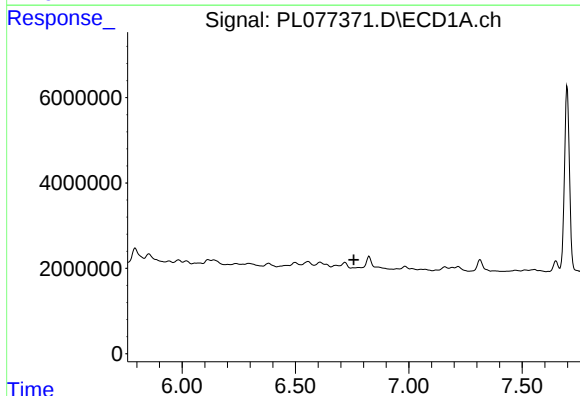
R.T.: 0.000 min  
Exp R.T. : 5.899 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



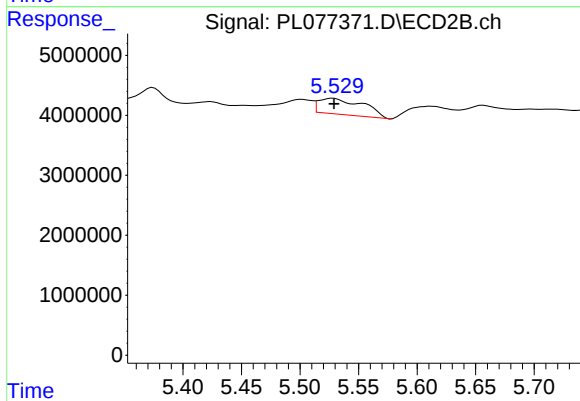
#26 Chlordane-4

R.T.: 4.876 min  
Delta R.T.: 0.011 min  
Response: 5224225  
Conc: 16.51 ng/ml



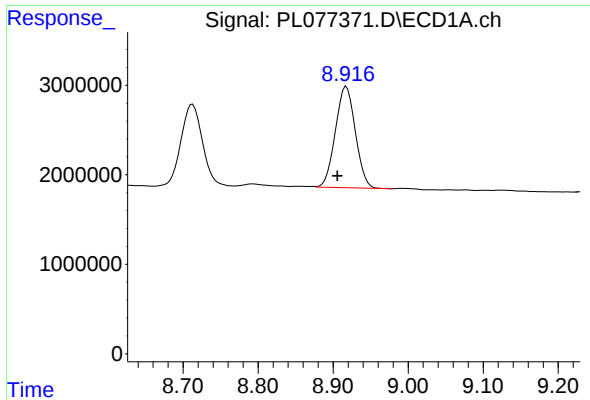
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.758 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

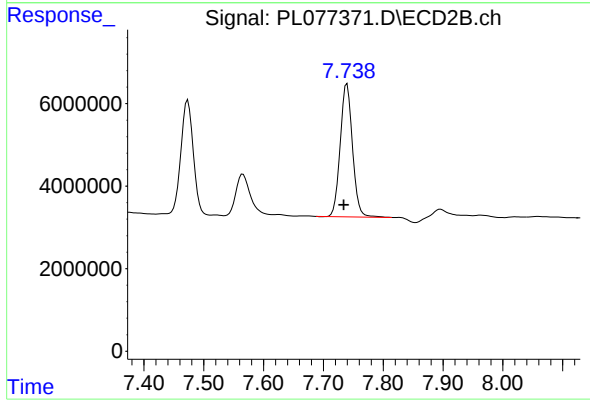
R.T.: 5.528 min  
Delta R.T.: 0.000 min  
Response: 7027004  
Conc: 80.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.918 min  
Delta R.T.: 0.012 min  
Response: 20991663  
Conc: 17.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.740 min  
Delta R.T.: 0.005 min  
Response: 45955349  
Conc: 16.47 ng/ml