

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091622\  
 Data File : PL077808.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2022 16:55  
 Operator : AR\AJ  
 Sample : N4636-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 18:36:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

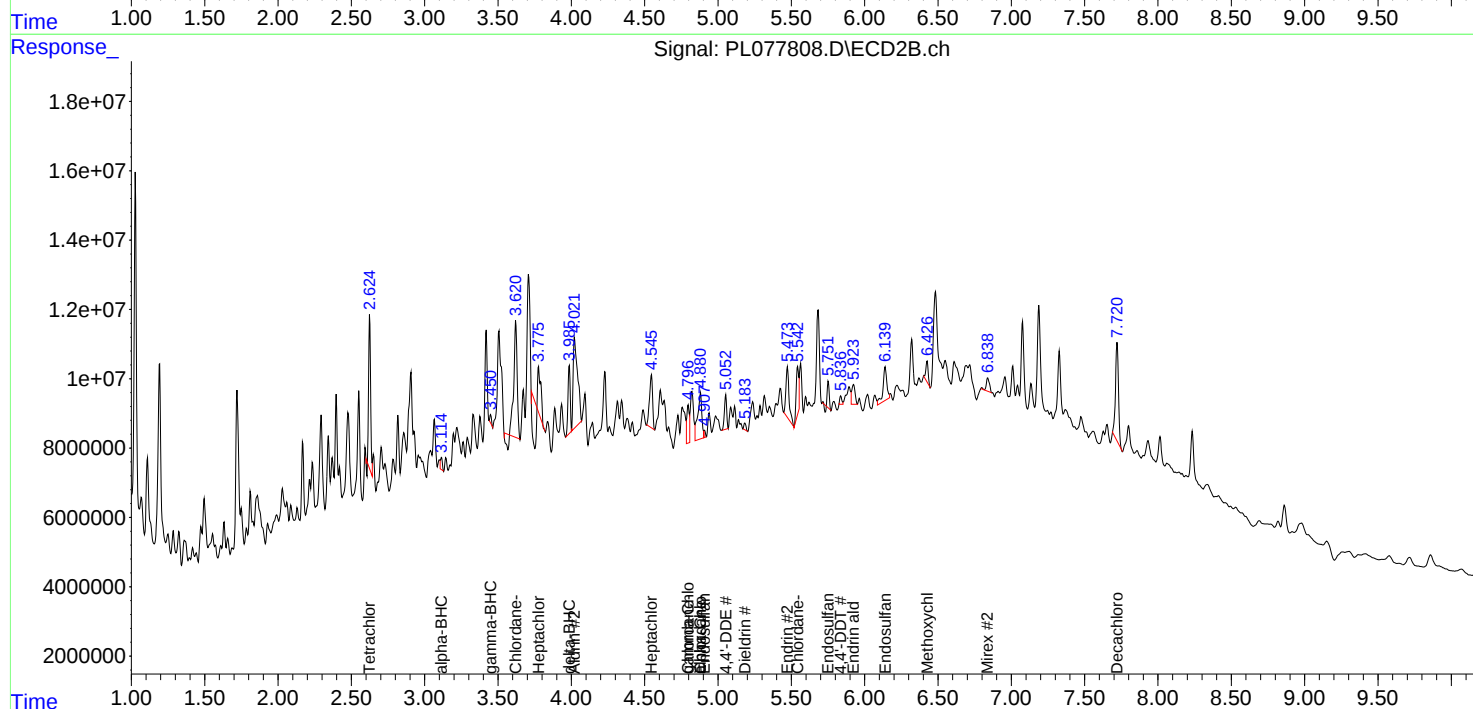
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

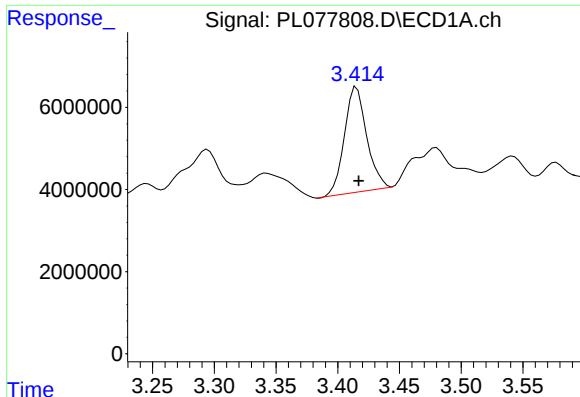
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2    | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|-----------|---------|-----------|
| -----                       |                 |        |        |          |           |         |           |
| System Monitoring Compounds |                 |        |        |          |           |         |           |
| 1)                          | SA Tetrachlo... | 3.415  | 2.625  | 32063405 | 40967995  | 20.002  | 13.800 #  |
| 28)                         | SA Decachlor... | 8.907  | 7.722  | 17454638 | 40289033  | 13.505  | 16.050    |
| Target Compounds            |                 |        |        |          |           |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.115  | 0        | 3265196   | N.D.    | 0.720 #   |
| 3)                          | MA gamma-BHC... | 4.243f | 3.450  | -434176  | 1856991   | N.D.    | 0.460     |
| 4)                          | MA Heptachlor   | 4.767f | 3.777  | 10837503 | 2157706   | 4.895   | 0.545 #   |
| 5)                          | MB Aldrin       | 5.132  | 4.022f | 10340150 | 54648560  | 5.203   | 14.401 #  |
| 6)                          | B beta-BHC      | 4.427  | 0.000  | 824209   | 0         | 0.848   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.548f | 4.547  | 10296319 | 22296553  | 5.906   | 6.594     |
| 9)                          | A Endosulfan I  | 5.946  | 4.908  | 1298358  | 1560979   | 0.806   | 0.495 #   |
| 10)                         | B gamma-Chl...  | 5.816  | 4.797  | 11801603 | 12737442  | 6.740   | 3.737 #   |
| 11)                         | B alpha-Chl...  | 5.897  | 4.882f | 6146754  | 26496743  | 3.559   | 8.001 #   |
| 12)                         | B 4,4'-DDE      | 6.081  | 5.054  | 4184920  | 10597214  | 2.629   | 3.257     |
| 13)                         | MA Dieldrin     | 6.226  | 5.184  | 5681037  | 1892783   | 3.520   | 0.571 #   |
| 14)                         | MA Endrin       | 6.478f | 5.474f | -2489500 | 22007951  | N.D.    | 7.718     |
| 15)                         | B Endosulfa...  | 6.709f | 5.752  | 2973973  | 6176208   | 2.153   | 2.344     |
| 17)                         | MA 4,4'-DDT     | 6.910  | 5.837f | 1295468  | 2285792   | 1.022   | 0.868     |
| 18)                         | B Endrin al...  | 6.820  | 5.924  | 8868457  | 9012674   | 8.386   | 4.368 #   |
| 19)                         | B Endosulfa...  | 7.064  | 6.140  | -19116   | 17232904  | N.D.    | 6.408     |
| 20)                         | A Methoxychlor  | 7.393  | 6.426  | 22064059 | 6906239   | 33.408  | 5.043 #   |
| 21)                         | B Endrin ke...  | 7.540  | 0.000  | 4378297  | 0         | 3.169   | N.D. #    |
| 22)                         | Mirex           | 0.000  | 6.840  | 0        | 5786816   | N.D.    | 2.692 #   |
| 23)                         | Chlordane-1     | 4.557f | 3.622f | 1545733  | 50078265  | 24.864  | 460.856 # |
| 24)                         | Chlordane-2     | 5.132f | 4.145f | 10340150 | -11335087 | 155.084 | N.D. #    |
| 25)                         | Chlordane-3     | 5.816  | 4.797  | 11801603 | 12737442  | 47.923  | 37.029    |
| 26)                         | Chlordane-4     | 5.897  | 4.882f | 6146754  | 26496743  | 20.656  | 73.030 #  |
| 27)                         | Chlordane-5     | 6.752  | 5.543f | 1254458  | 15063847  | 25.259  | 160.096 # |
| -----                       |                 |        |        |          |           |         |           |

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

**Instrument :**  
ECD\_L  
**ClientSampleId :**

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

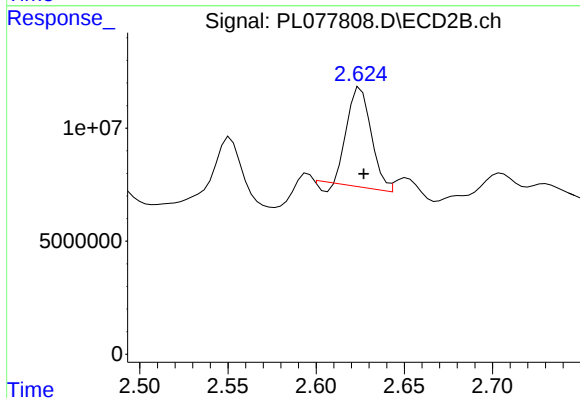




#1 Tetrachloro-m-xylene

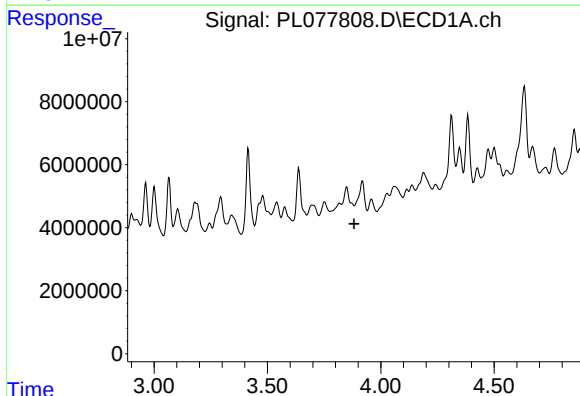
R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 32063405  
Conc: 20.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



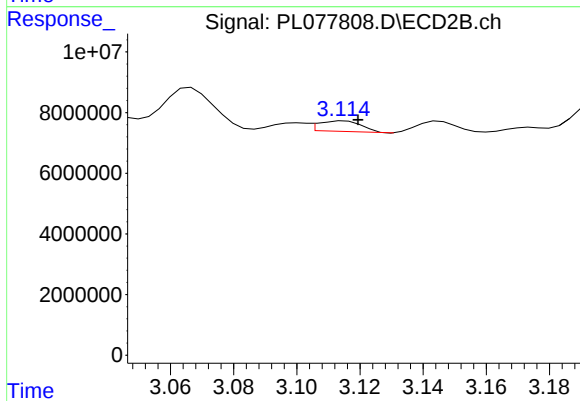
#1 Tetrachloro-m-xylene

R.T.: 2.625 min  
Delta R.T.: -0.002 min  
Response: 40967995  
Conc: 13.80 ng/ml



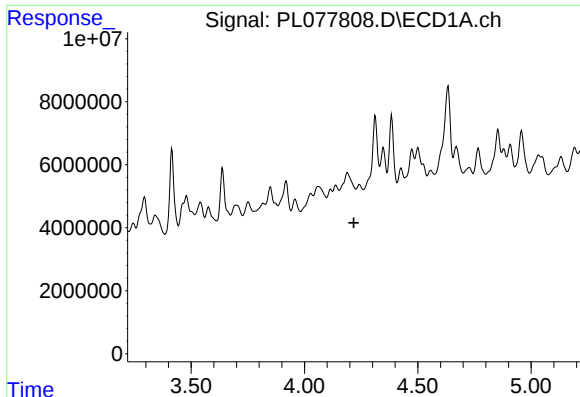
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.882 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

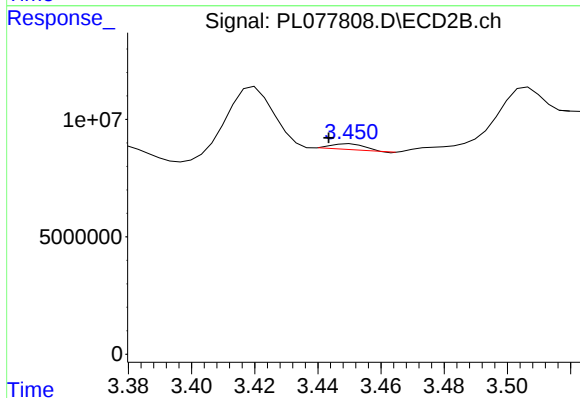
R.T.: 3.115 min  
Delta R.T.: -0.004 min  
Response: 3265196  
Conc: 0.72 ng/ml



#3 gamma-BHC (Lindane)

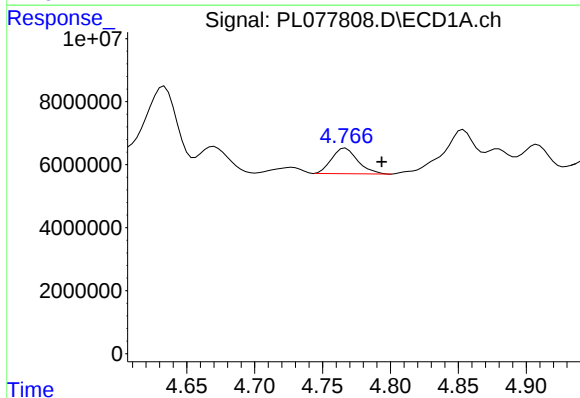
R.T.: 4.243 min  
Delta R.T.: 0.025 min  
Response: -434176  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



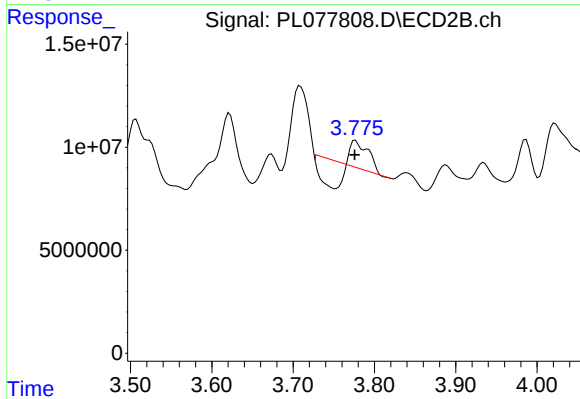
#3 gamma-BHC (Lindane)

R.T.: 3.450 min  
Delta R.T.: 0.007 min  
Response: 1856991  
Conc: 0.46 ng/ml



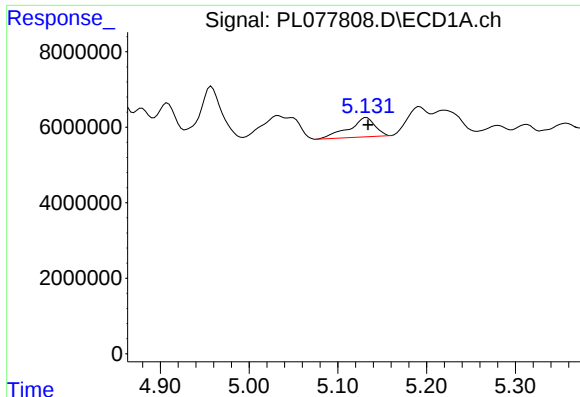
#4 Heptachlor

R.T.: 4.767 min  
Delta R.T.: -0.027 min  
Response: 10837503  
Conc: 4.89 ng/ml



#4 Heptachlor

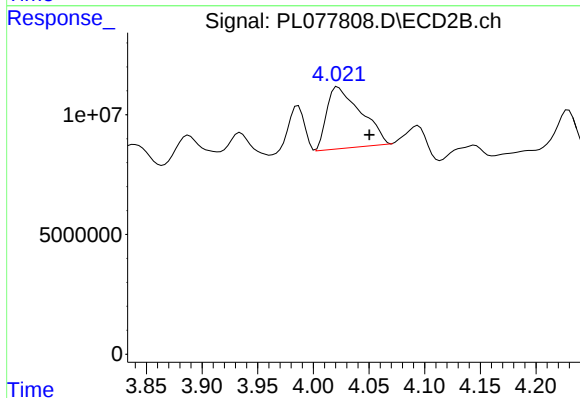
R.T.: 3.777 min  
Delta R.T.: 0.001 min  
Response: 2157706  
Conc: 0.54 ng/ml



#5 Aldrin

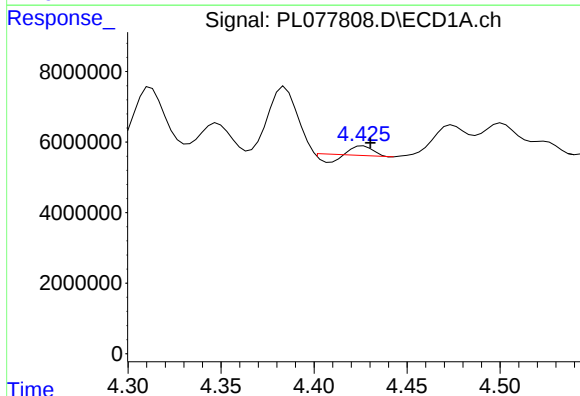
R.T.: 5.132 min  
Delta R.T.: -0.002 min  
Response: 10340150  
Conc: 5.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



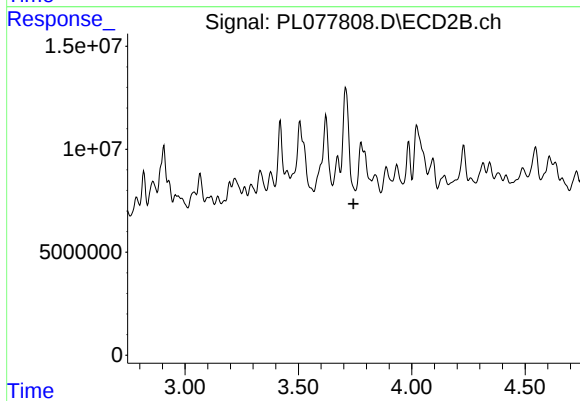
#5 Aldrin

R.T.: 4.022 min  
Delta R.T.: -0.028 min  
Response: 54648560  
Conc: 14.40 ng/ml



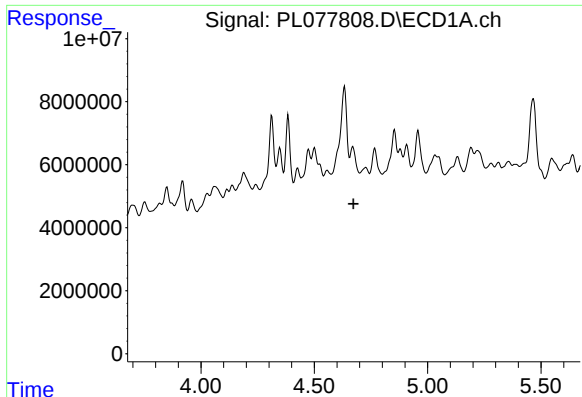
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: -0.004 min  
Response: 824209  
Conc: 0.85 ng/ml



#6 beta-BHC

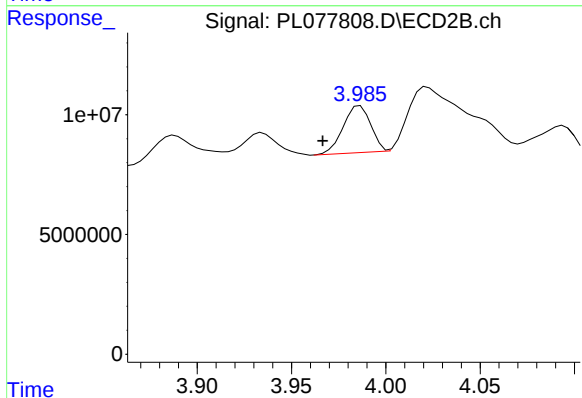
R.T.: 0.000 min  
Exp R.T. : 3.743 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

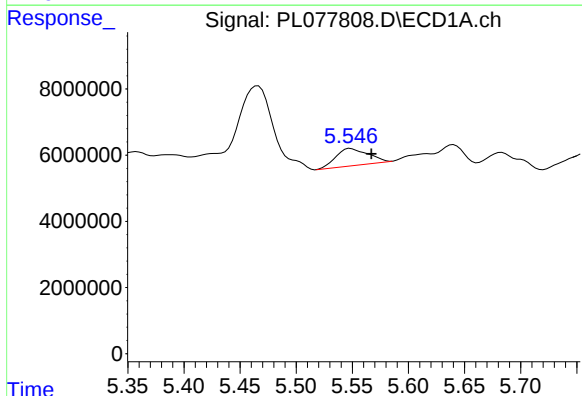
R.T.: 4.670 min  
Delta R.T.: -0.004 min  
Response: -12671519  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



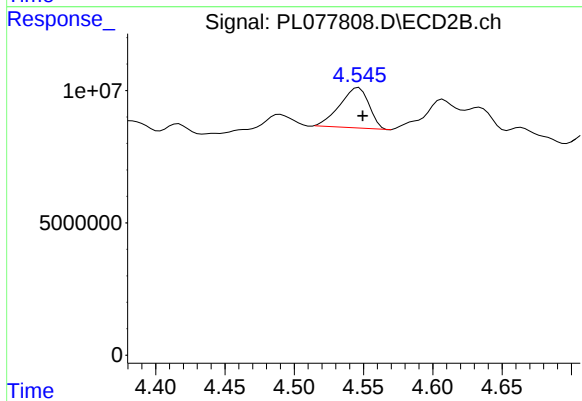
#7 delta-BHC

R.T.: 3.986 min  
Delta R.T.: 0.020 min  
Response: 19856550  
Conc: 4.89 ng/ml



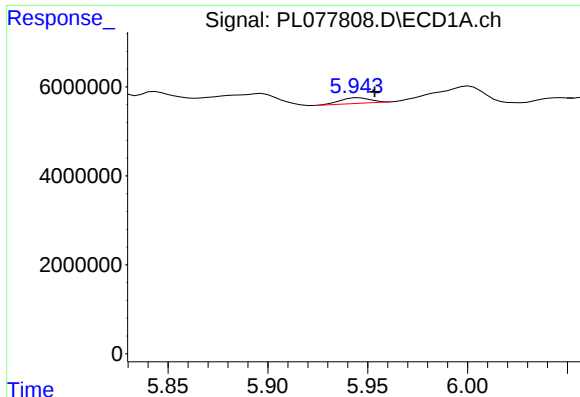
#8 Heptachlor epoxide

R.T.: 5.548 min  
Delta R.T.: -0.019 min  
Response: 10296319  
Conc: 5.91 ng/ml



#8 Heptachlor epoxide

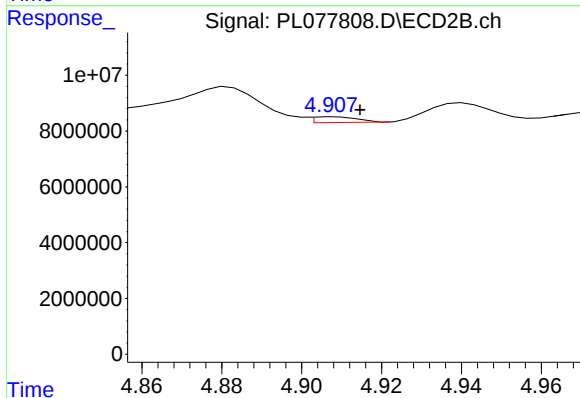
R.T.: 4.547 min  
Delta R.T.: -0.003 min  
Response: 22296553  
Conc: 6.59 ng/ml



#9 Endosulfan I

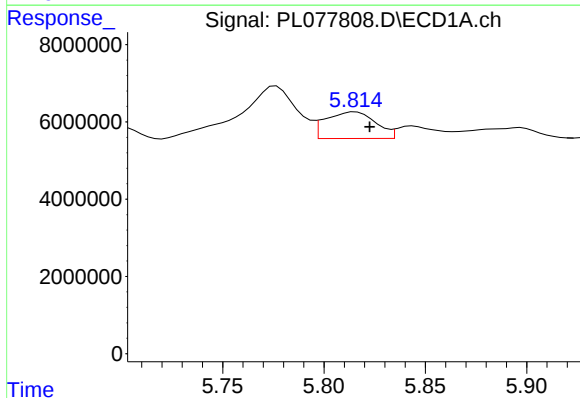
R.T.: 5.946 min  
Delta R.T.: -0.008 min  
Response: 1298358  
Conc: 0.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



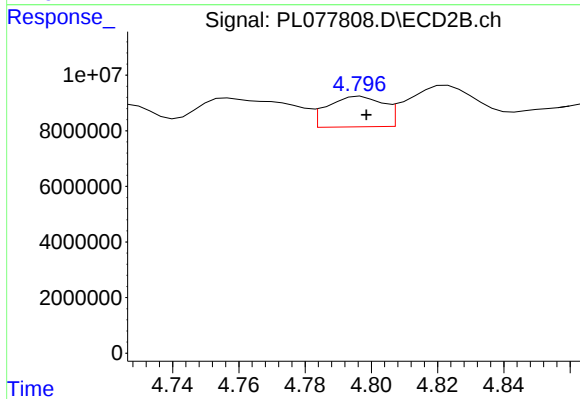
#9 Endosulfan I

R.T.: 4.908 min  
Delta R.T.: -0.007 min  
Response: 1560979  
Conc: 0.49 ng/ml



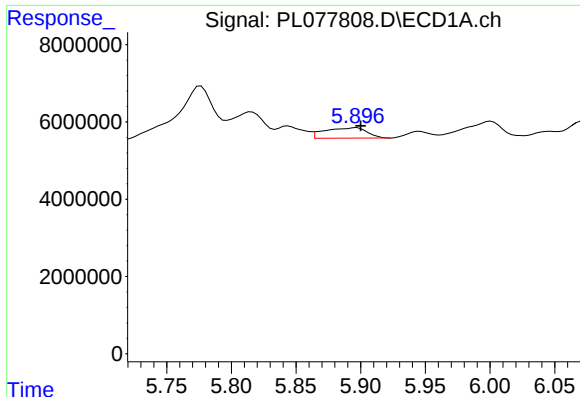
#10 gamma-Chlordane

R.T.: 5.816 min  
Delta R.T.: -0.007 min  
Response: 11801603  
Conc: 6.74 ng/ml



#10 gamma-Chlordane

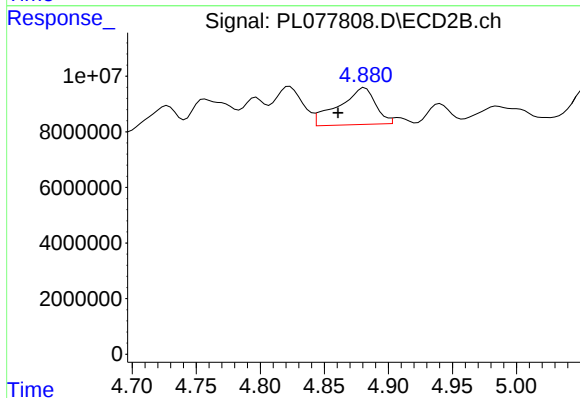
R.T.: 4.797 min  
Delta R.T.: -0.002 min  
Response: 12737442  
Conc: 3.74 ng/ml



#11 alpha-Chlordane

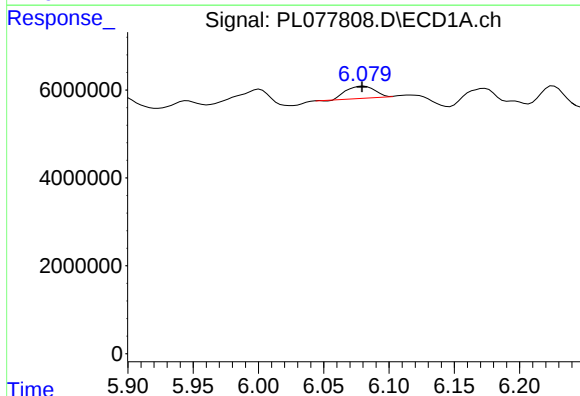
R.T.: 5.897 min  
Delta R.T.: -0.003 min  
Response: 6146754  
Conc: 3.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



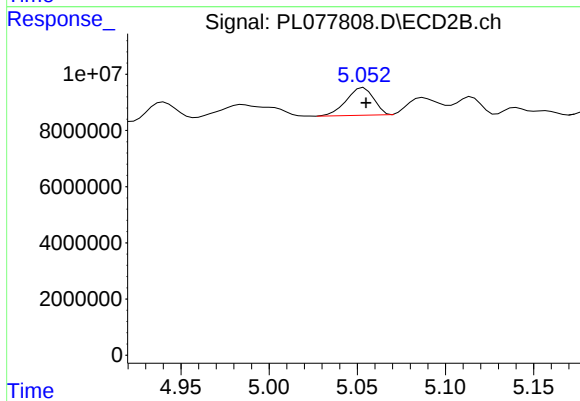
#11 alpha-Chlordane

R.T.: 4.882 min  
Delta R.T.: 0.021 min  
Response: 26496743  
Conc: 8.00 ng/ml



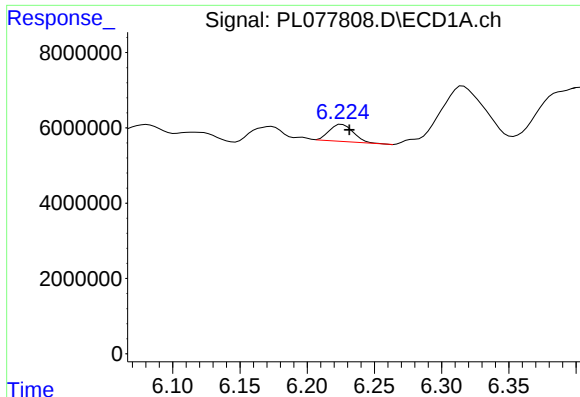
#12 4,4'-DDE

R.T.: 6.081 min  
Delta R.T.: 0.001 min  
Response: 4184920  
Conc: 2.63 ng/ml



#12 4,4'-DDE

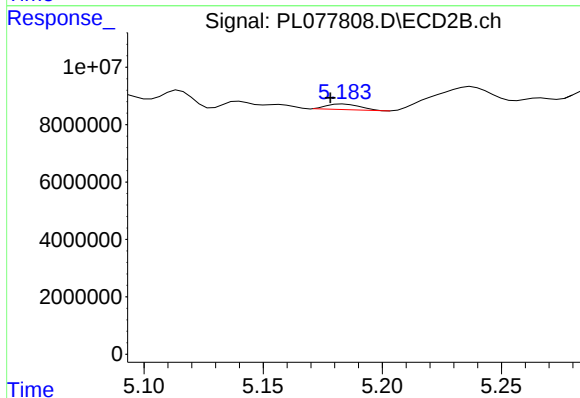
R.T.: 5.054 min  
Delta R.T.: -0.001 min  
Response: 10597214  
Conc: 3.26 ng/ml



#13 Dieldrin

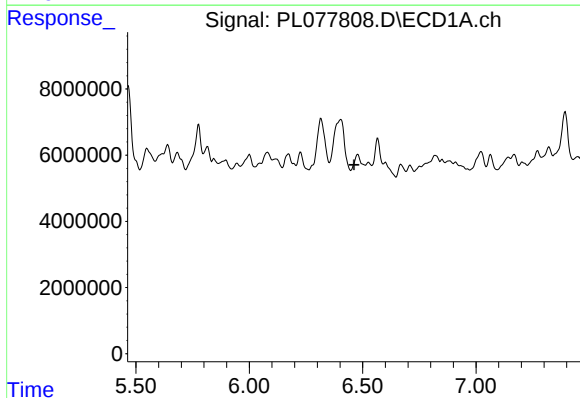
R.T.: 6.226 min  
Delta R.T.: -0.006 min  
Response: 5681037  
Conc: 3.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



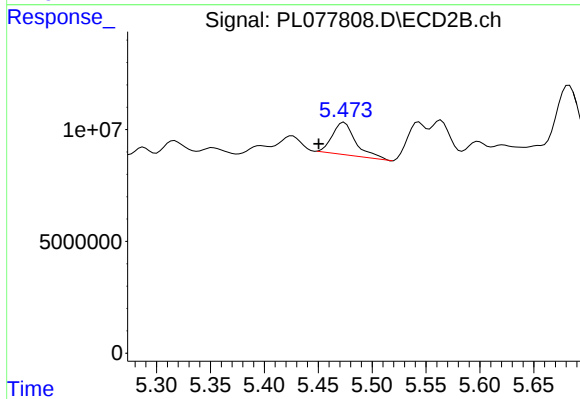
#13 Dieldrin

R.T.: 5.184 min  
Delta R.T.: 0.006 min  
Response: 1892783  
Conc: 0.57 ng/ml



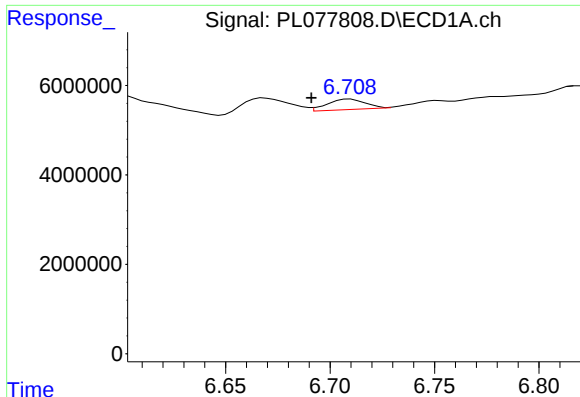
#14 Endrin

R.T.: 6.478 min  
Delta R.T.: 0.016 min  
Response: -2489500  
Conc: N.D.



#14 Endrin

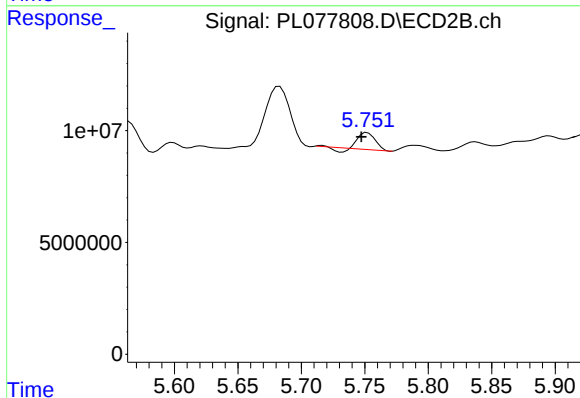
R.T.: 5.474 min  
Delta R.T.: 0.024 min  
Response: 22007951  
Conc: 7.72 ng/ml



#15 Endosulfan II

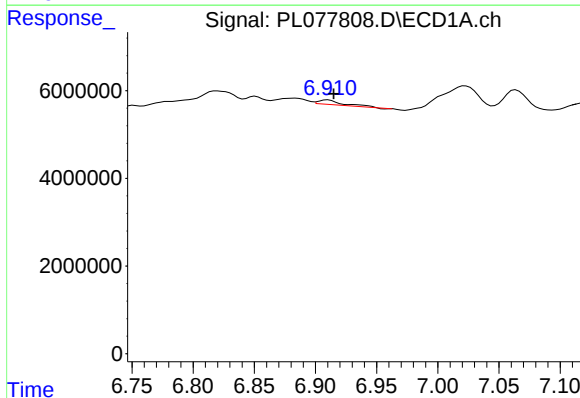
R.T.: 6.709 min  
Delta R.T.: 0.018 min  
Response: 2973973  
Conc: 2.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



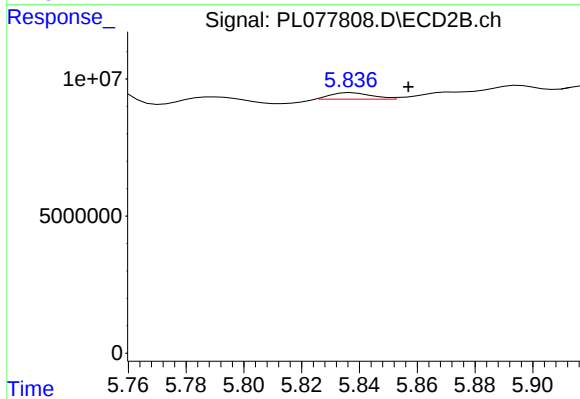
#15 Endosulfan II

R.T.: 5.752 min  
Delta R.T.: 0.005 min  
Response: 6176208  
Conc: 2.34 ng/ml



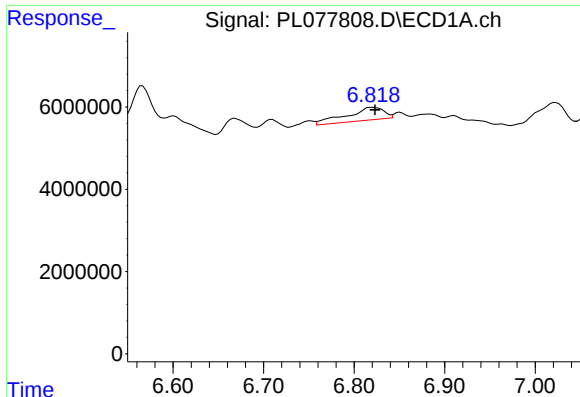
#17 4,4'-DDT

R.T.: 6.910 min  
Delta R.T.: -0.005 min  
Response: 1295468  
Conc: 1.02 ng/ml



#17 4,4'-DDT

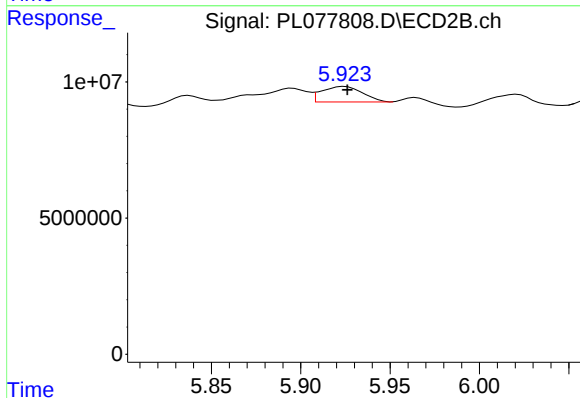
R.T.: 5.837 min  
Delta R.T.: -0.020 min  
Response: 2285792  
Conc: 0.87 ng/ml



#18 Endrin aldehyde

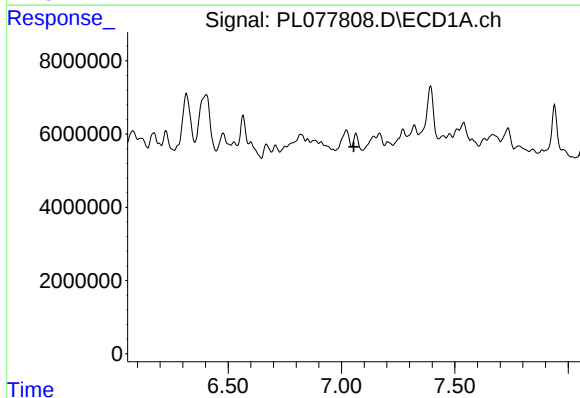
R.T.: 6.820 min  
Delta R.T.: -0.003 min  
Response: 8868457  
Conc: 8.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



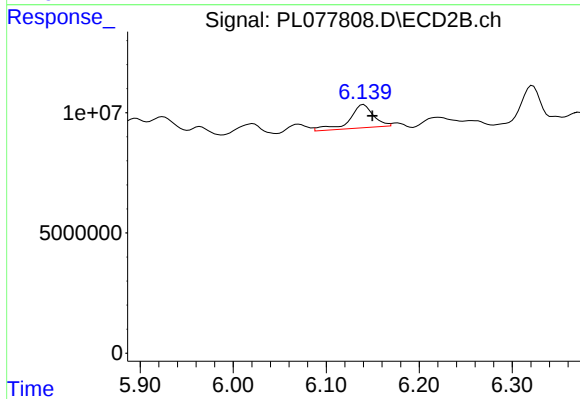
#18 Endrin aldehyde

R.T.: 5.924 min  
Delta R.T.: -0.002 min  
Response: 9012674  
Conc: 4.37 ng/ml



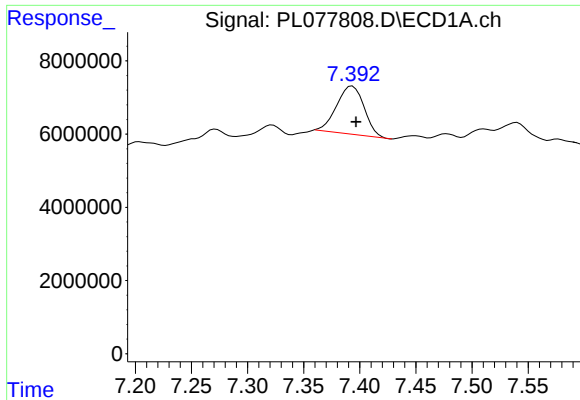
#19 Endosulfan Sulfate

R.T.: 7.064 min  
Delta R.T.: 0.009 min  
Response: -19116  
Conc: N.D.



#19 Endosulfan Sulfate

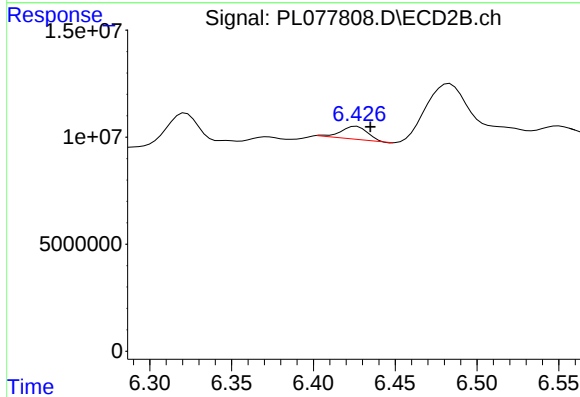
R.T.: 6.140 min  
Delta R.T.: -0.009 min  
Response: 17232904  
Conc: 6.41 ng/ml



#20 Methoxychlor

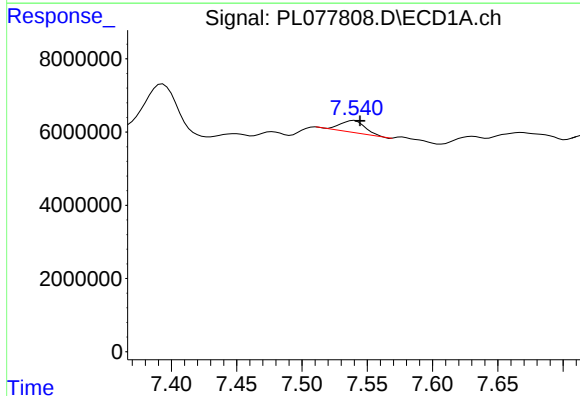
R.T.: 7.393 min  
Delta R.T.: -0.003 min  
Response: 22064059  
Conc: 33.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



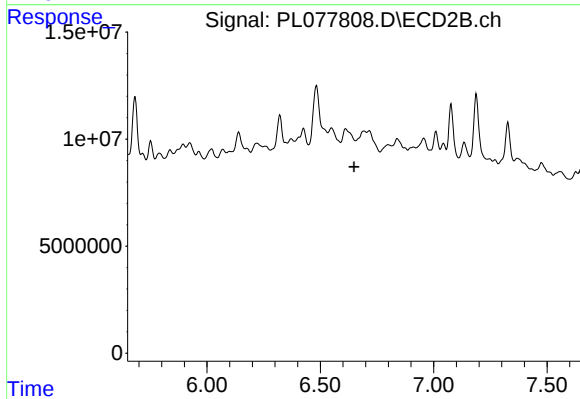
#20 Methoxychlor

R.T.: 6.426 min  
Delta R.T.: -0.009 min  
Response: 6906239  
Conc: 5.04 ng/ml



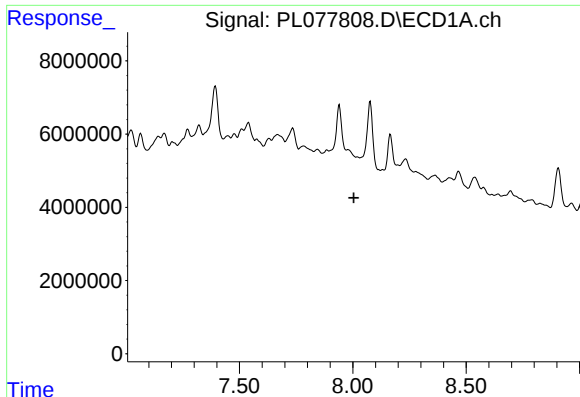
#21 Endrin ketone

R.T.: 7.540 min  
Delta R.T.: -0.005 min  
Response: 4378297  
Conc: 3.17 ng/ml



#21 Endrin ketone

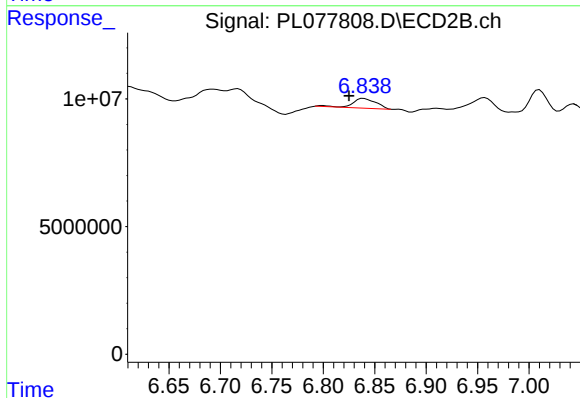
R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



#22 Mirex

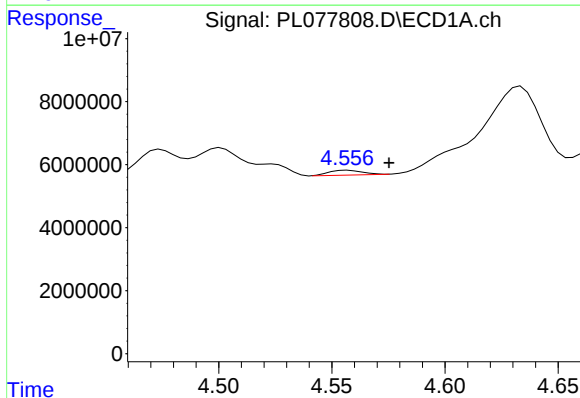
R.T.: 0.000 min  
Exp R.T.: 8.004 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



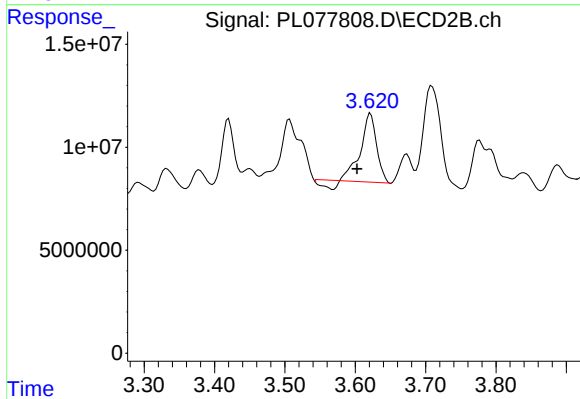
#22 Mirex

R.T.: 6.840 min  
Delta R.T.: 0.015 min  
Response: 5786816  
Conc: 2.69 ng/ml



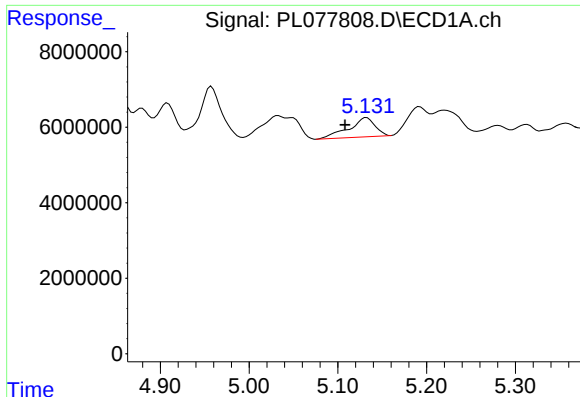
#23 Chlordane-1

R.T.: 4.557 min  
Delta R.T.: -0.018 min  
Response: 1545733  
Conc: 24.86 ng/ml



#23 Chlordane-1

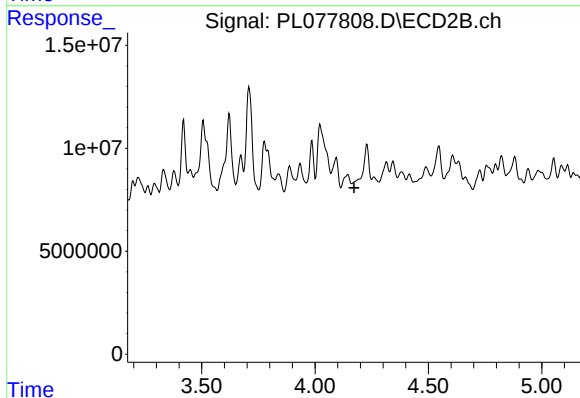
R.T.: 3.622 min  
Delta R.T.: 0.019 min  
Response: 50078265  
Conc: 460.86 ng/ml



#24 Chlordane-2

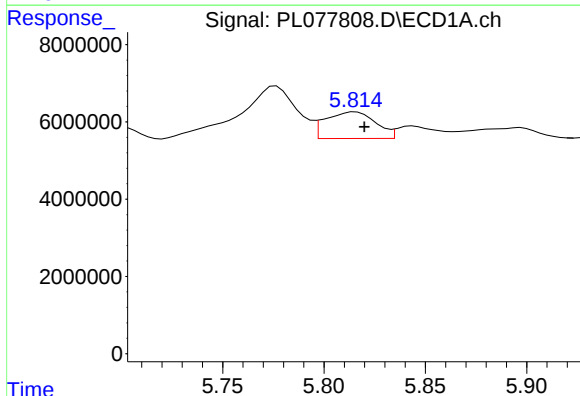
R.T.: 5.132 min  
Delta R.T.: 0.024 min  
Response: 10340150  
Conc: 155.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



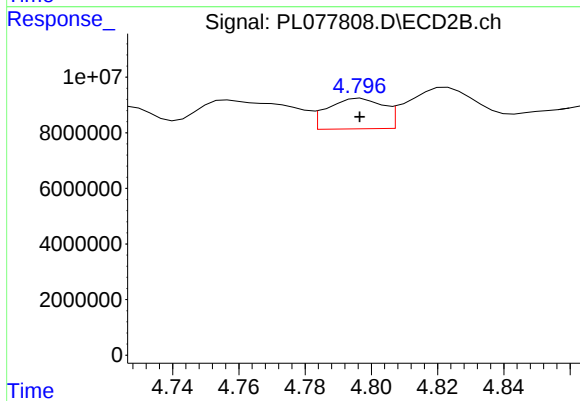
#24 Chlordane-2

R.T.: 4.145 min  
Delta R.T.: -0.027 min  
Response: -11335087  
Conc: N.D.



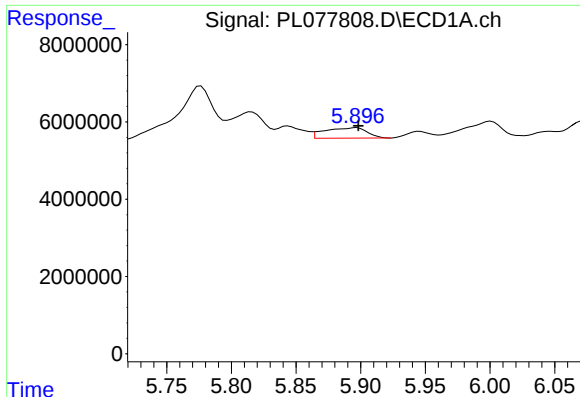
#25 Chlordane-3

R.T.: 5.816 min  
Delta R.T.: -0.004 min  
Response: 11801603  
Conc: 47.92 ng/ml



#25 Chlordane-3

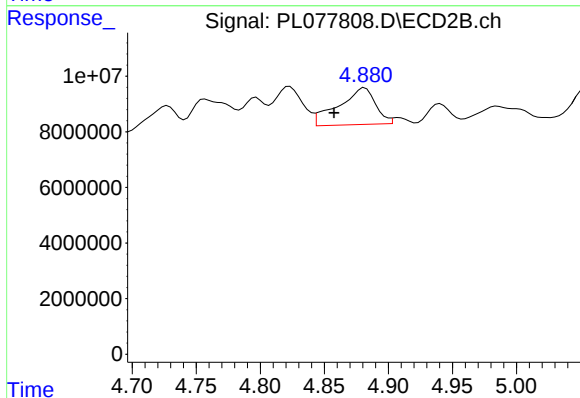
R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 12737442  
Conc: 37.03 ng/ml



#26 Chlordane-4

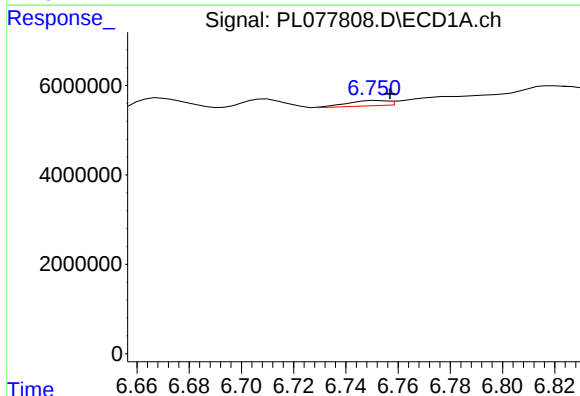
R.T.: 5.897 min  
Delta R.T.: -0.002 min  
Response: 6146754  
Conc: 20.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



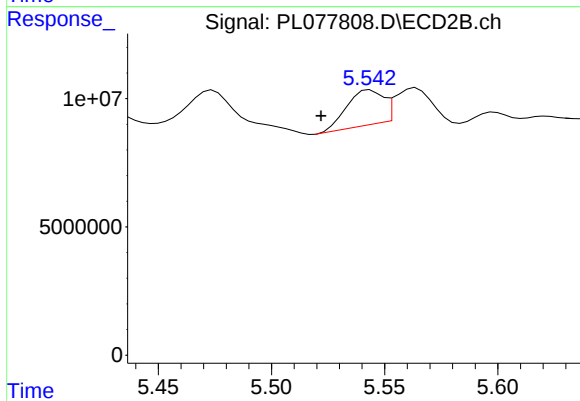
#26 Chlordane-4

R.T.: 4.882 min  
Delta R.T.: 0.024 min  
Response: 26496743  
Conc: 73.03 ng/ml



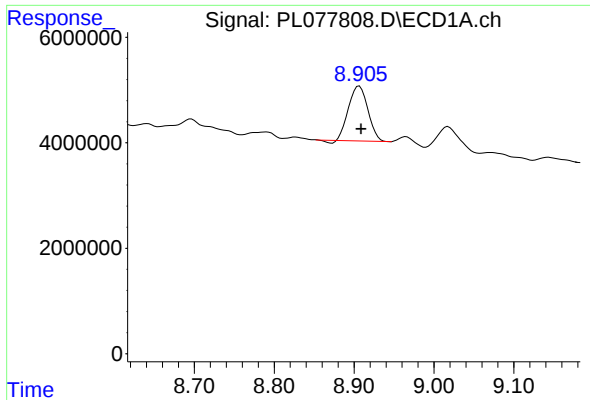
#27 Chlordane-5

R.T.: 6.752 min  
Delta R.T.: -0.005 min  
Response: 1254458  
Conc: 25.26 ng/ml



#27 Chlordane-5

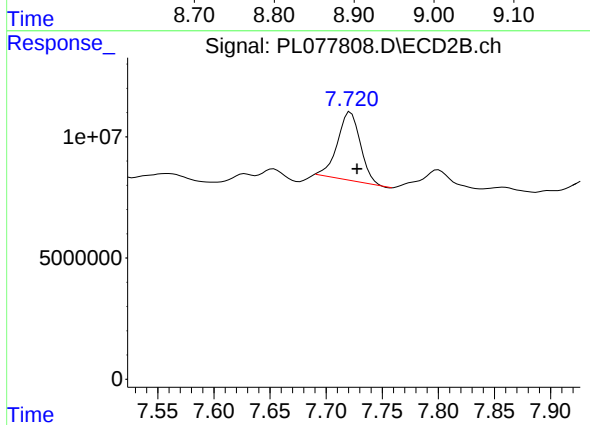
R.T.: 5.543 min  
Delta R.T.: 0.022 min  
Response: 15063847  
Conc: 160.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.907 min  
Delta R.T.: -0.002 min  
Response: 17454638  
Conc: 13.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.722 min  
Delta R.T.: -0.006 min  
Response: 40289033  
Conc: 16.05 ng/ml