

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
 Data File : PL078415.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2022 15:56  
 Operator : AR\AJ  
 Sample : N5160-01 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 04:50:56 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 12 15:30:54 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... | 3.413  | 2.622  | 2019665  | 8948417  | 1.222  | 3.385 #   |
| 28)                         | SA Decachlor... | 8.922f | 7.715  | 3402511  | 4707304  | 2.204  | 2.165     |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.092f | 0        | 328292   | N.D.   | 0.079 #   |
| 3)                          | MA gamma-BHC... | 4.193f | 3.441  | 552040   | 946556   | 0.237  | 0.272     |
| 4)                          | MA Heptachlor   | 4.790  | 3.767  | 1203594  | 738427   | 0.541  | 0.207 #   |
| 5)                          | MB Aldrin       | 5.140  | 4.036  | 1887618  | 24294903 | 0.901  | 7.141 #   |
| 6)                          | B beta-BHC      | 4.436  | 3.767f | 4365014  | 738427   | 4.389  | 0.501 #   |
| 7)                          | B delta-BHC     | 4.670  | 3.989f | 1563681  | 18677831 | 0.851  | 5.053 #   |
| 8)                          | B Heptachlo...  | 5.554  | 4.541  | 3819245  | 118909   | 2.509  | 0.040 #   |
| 9)                          | A Endosulfan I  | 5.957  | 4.935f | 1205896  | 13745864 | 0.718  | 4.984 #   |
| 10)                         | B gamma-Chl...  | 5.820  | 4.790  | 17926159 | 29357561 | 10.061 | 9.807     |
| 11)                         | B alpha-Chl...  | 5.899  | 4.852  | 20958143 | 36756511 | 11.704 | 12.764    |
| 12)                         | B 4,4'-DDE      | 6.068  | 5.046  | 5671746  | 8106377  | 3.365  | 2.836     |
| 13)                         | MA Dieldrin     | 6.229  | 5.173  | 4254727  | 17332251 | 2.473  | 5.915 #   |
| 14)                         | MA Endrin       | 6.437f | 5.458f | 823688   | 3177993  | 0.552  | 1.380 #   |
| 15)                         | B Endosulfa...  | 6.689  | 5.741  | 644253   | 11349424 | 0.481  | 4.636 #   |
| 16)                         | A 4,4'-DDD      | 6.596  | 0.000  | 1172464  | 0        | 0.952  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.913  | 5.847  | 8016562  | 9828691  | 5.476  | 4.330     |
| 18)                         | B Endrin al...  | 6.836f | 5.938f | 190188   | 189006   | 0.166  | 0.102 #   |
| 20)                         | A Methoxychlor  | 7.408f | 6.446f | 2269213  | 4747453  | 2.995  | 3.759 #   |
| 21)                         | B Endrin ke...  | 7.526  | 6.629  | 847427   | 2470323  | 0.543  | 0.932 #   |
| 22)                         | Mirex           | 8.001  | 6.835f | 839626   | -123102  | 0.711  | N.D. #    |
| 23)                         | Chlordane-1     | 4.575  | 3.597  | 1737409  | 11286132 | 27.465 | 117.755 # |
| 24)                         | Chlordane-2     | 5.111  | 4.149f | 2914474  | 36160960 | 41.379 | 358.771 # |
| 25)                         | Chlordane-3     | 5.820  | 4.790  | 17926159 | 29357561 | 68.952 | 95.953 #  |
| 26)                         | Chlordane-4     | 5.899  | 4.852  | 20958143 | 36756511 | 65.623 | 113.827 # |
| 27)                         | Chlordane-5     | 6.759  | 5.518  | 3162712  | 2790312  | 62.283 | 32.700 #  |
| -----                       |                 |        |        |          |          |        |           |

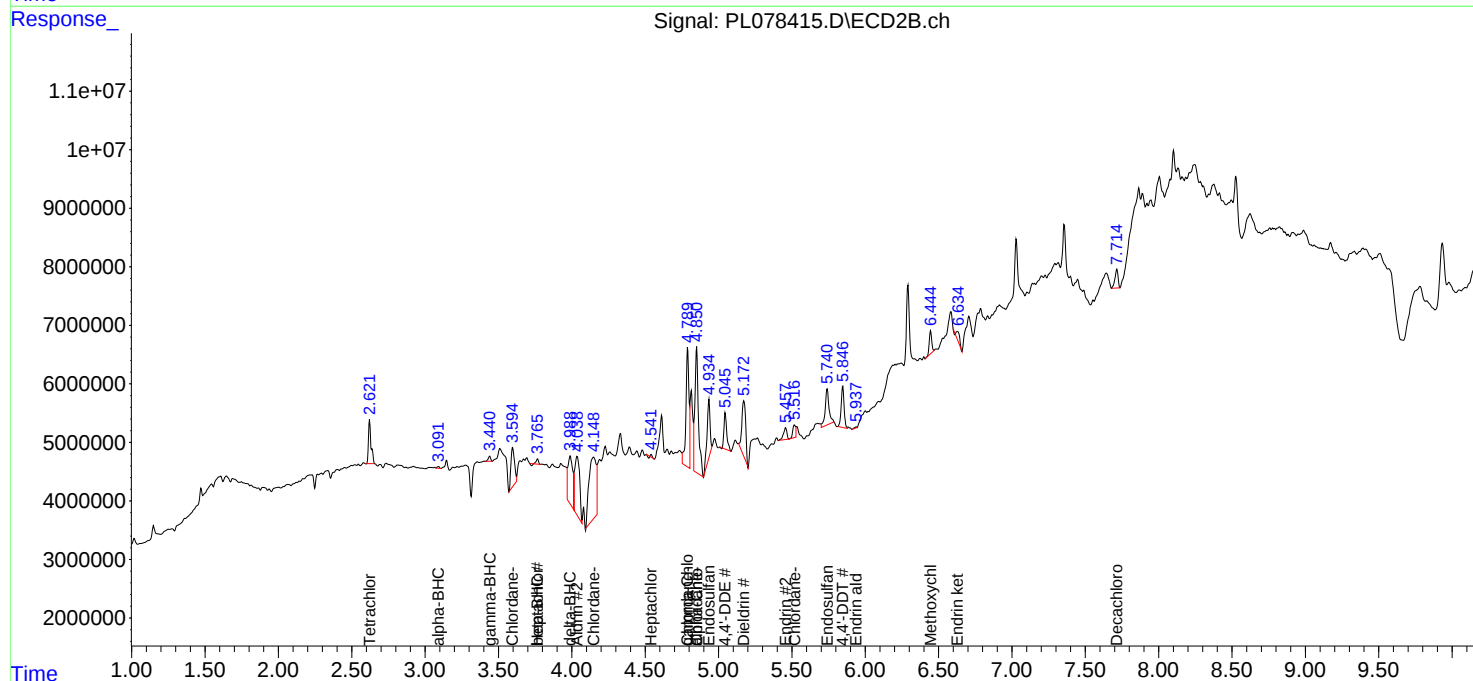
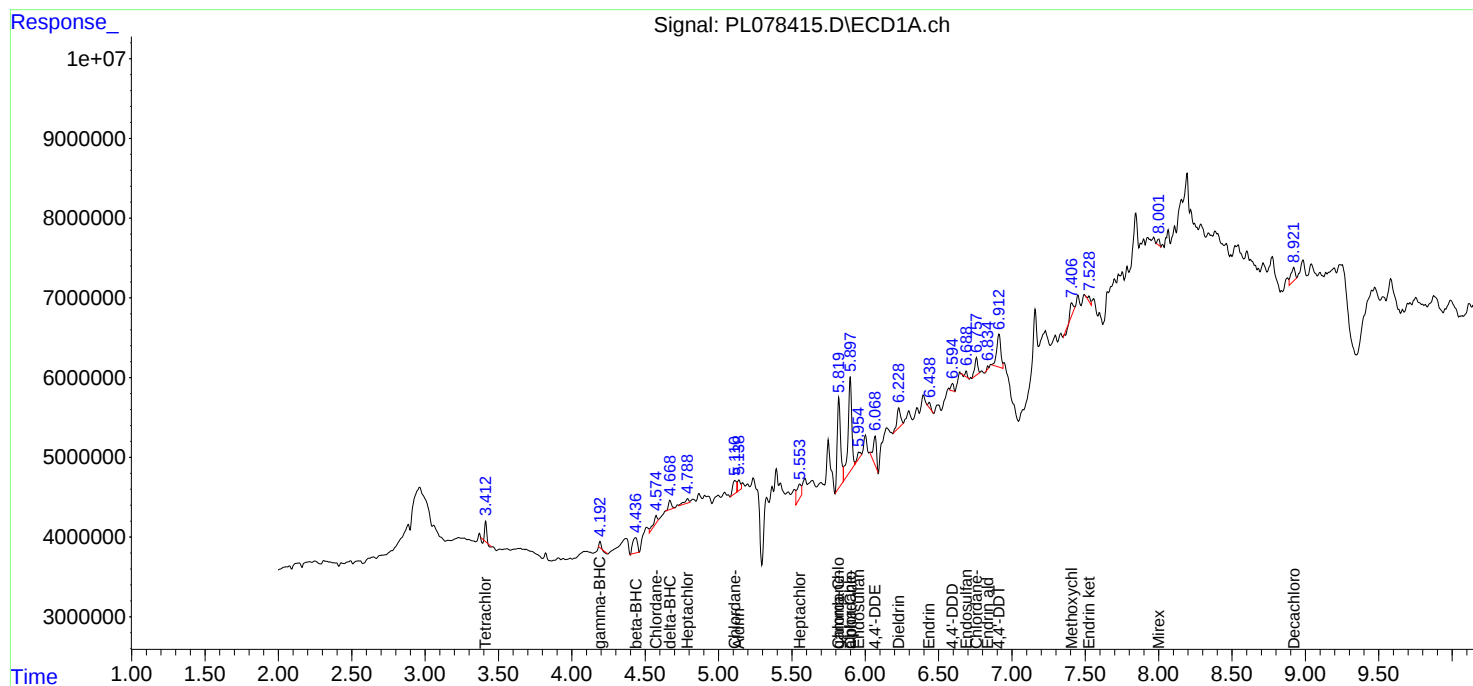
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

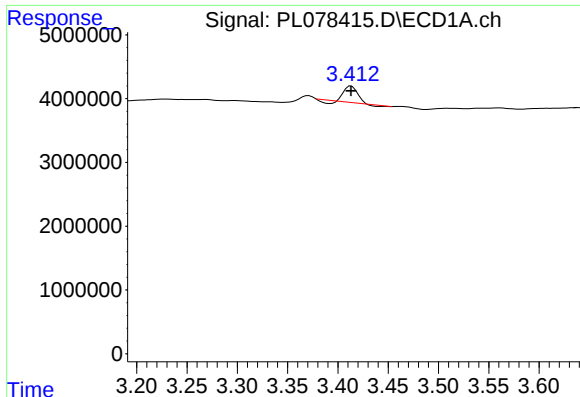
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101822\  
 Data File : PL078415.D  
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 Sample : N5160-01 10X  
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 ALS Vial : 10 Sample Multiplier: 1

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 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 04:50:56 2022  
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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

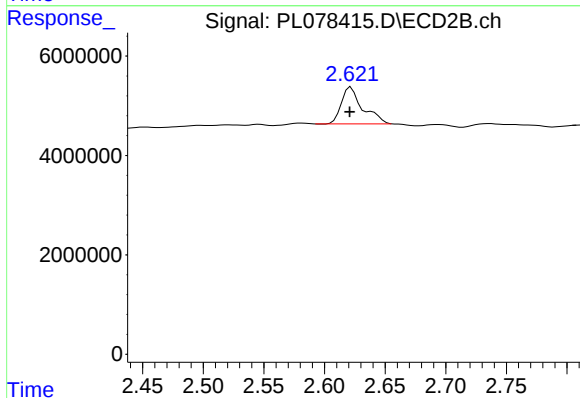




#1 Tetrachloro-m-xylene

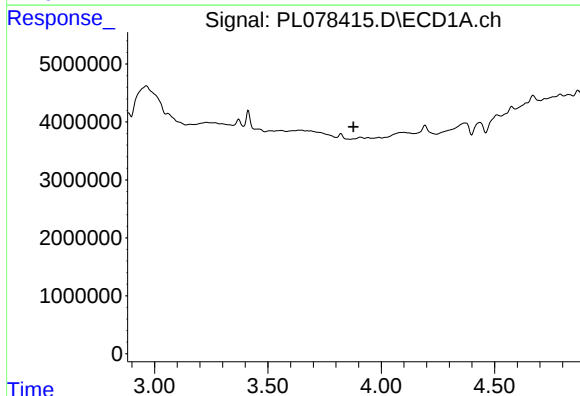
R.T.: 3.413 min  
Delta R.T.: 0.000 min  
Response: 2019665  
Conc: 1.22 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



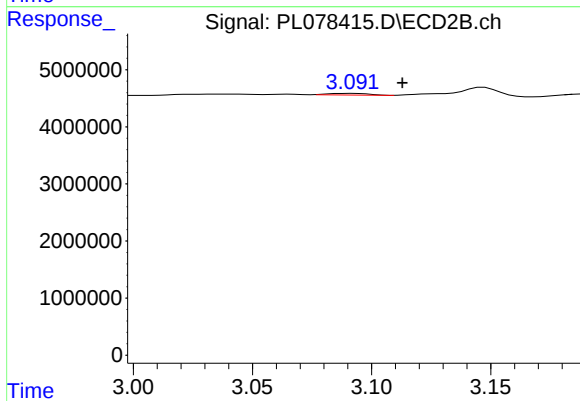
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.001 min  
Response: 8948417  
Conc: 3.39 ng/ml



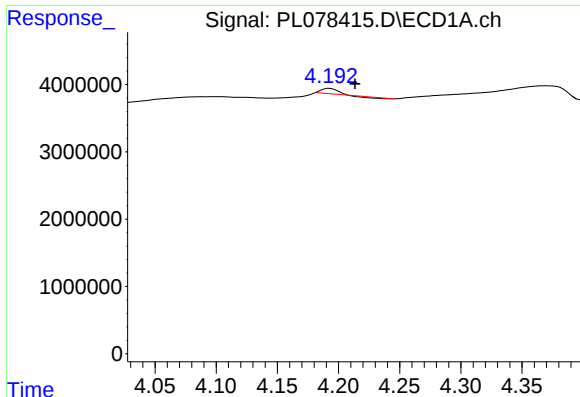
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.878 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

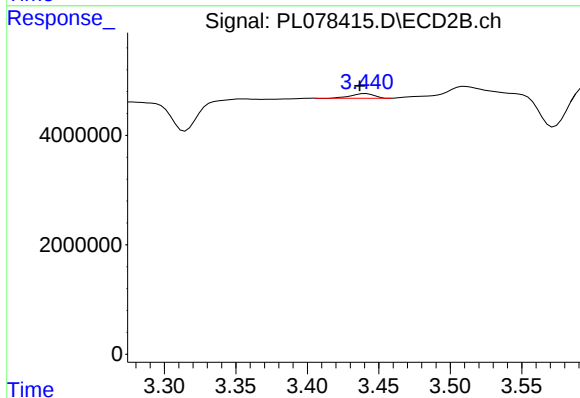
R.T.: 3.092 min  
Delta R.T.: -0.021 min  
Response: 328292  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

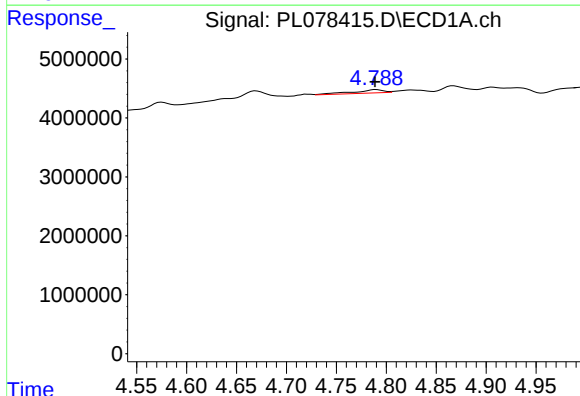
R.T.: 4.193 min  
Delta R.T.: -0.020 min  
Response: 552040  
Conc: 0.24 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



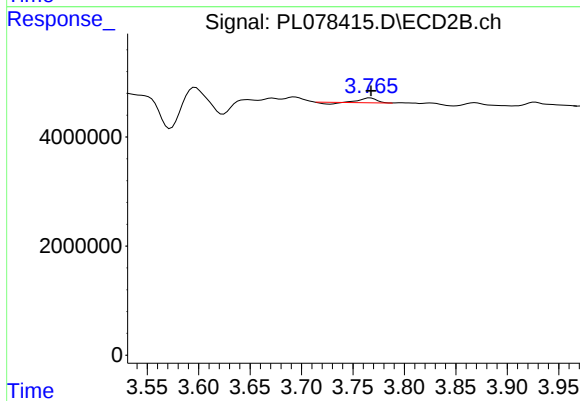
#3 gamma-BHC (Lindane)

R.T.: 3.441 min  
Delta R.T.: 0.004 min  
Response: 946556  
Conc: 0.27 ng/ml



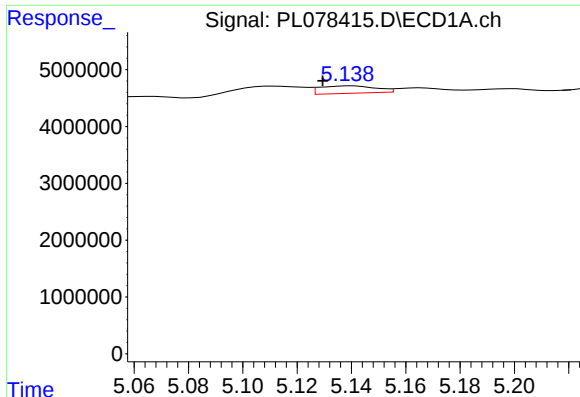
#4 Heptachlor

R.T.: 4.790 min  
Delta R.T.: 0.001 min  
Response: 1203594  
Conc: 0.54 ng/ml



#4 Heptachlor

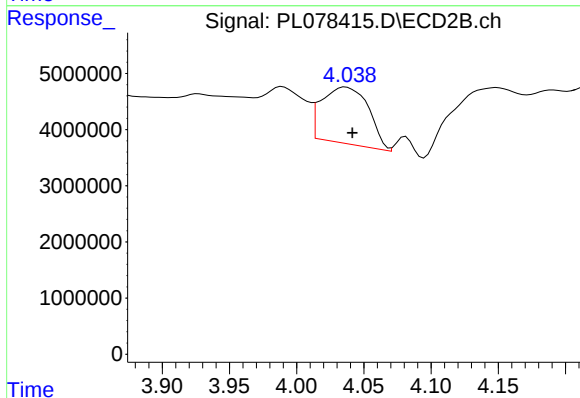
R.T.: 3.767 min  
Delta R.T.: 0.000 min  
Response: 738427  
Conc: 0.21 ng/ml



#5 Aldrin

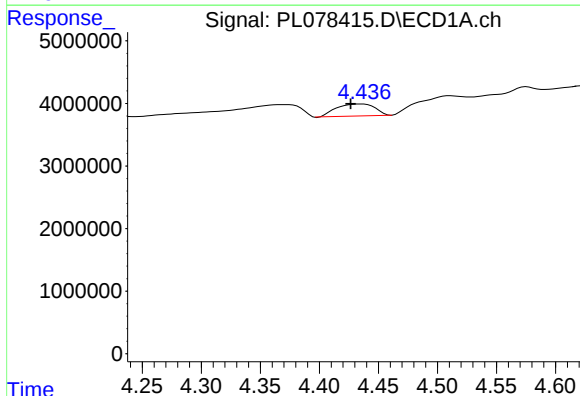
R.T.: 5.140 min  
Delta R.T.: 0.011 min  
Response: 1887618  
Conc: 0.90 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



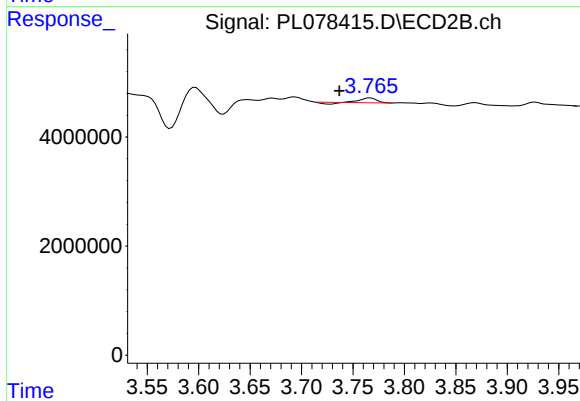
#5 Aldrin

R.T.: 4.036 min  
Delta R.T.: -0.005 min  
Response: 24294903  
Conc: 7.14 ng/ml



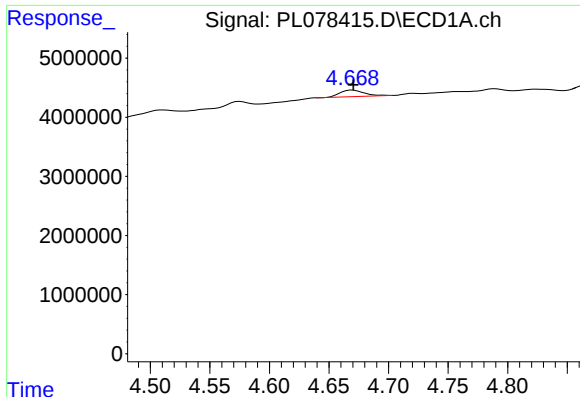
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: 0.009 min  
Response: 4365014  
Conc: 4.39 ng/ml



#6 beta-BHC

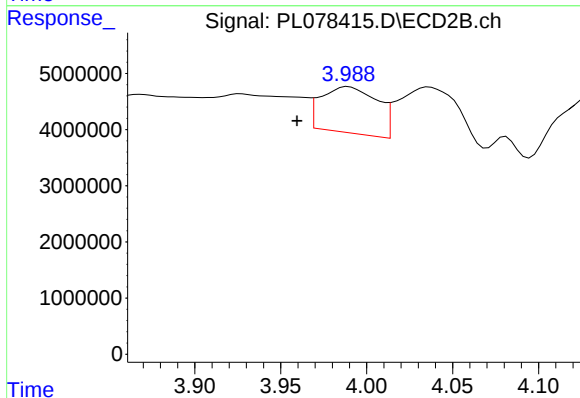
R.T.: 3.767 min  
Delta R.T.: 0.030 min  
Response: 738427  
Conc: 0.50 ng/ml



#7 delta-BHC

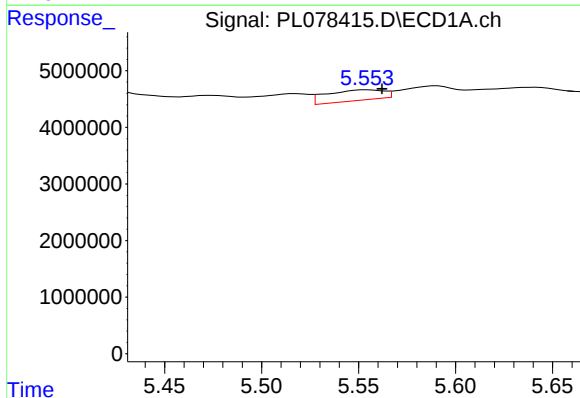
R.T.: 4.670 min  
Delta R.T.: 0.000 min  
Response: 1563681  
Conc: 0.85 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



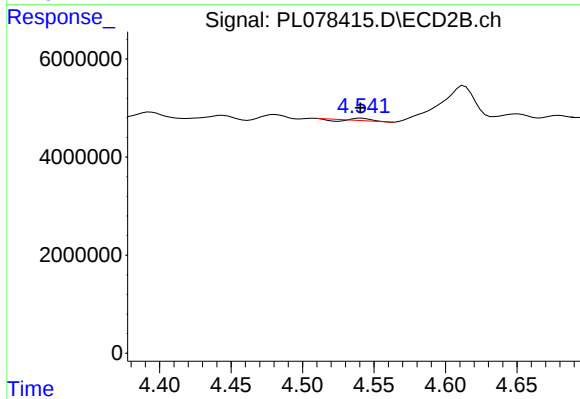
#7 delta-BHC

R.T.: 3.989 min  
Delta R.T.: 0.030 min  
Response: 18677831  
Conc: 5.05 ng/ml



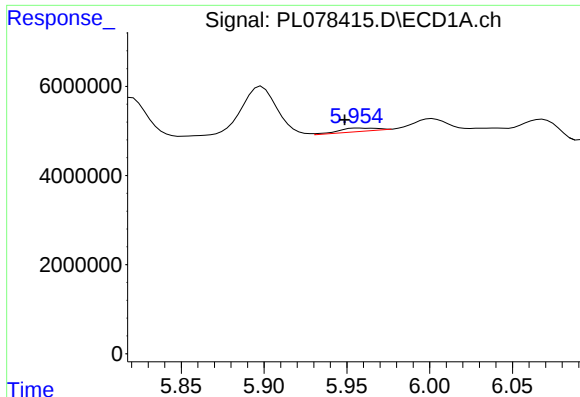
#8 Heptachlor epoxide

R.T.: 5.554 min  
Delta R.T.: -0.008 min  
Response: 3819245  
Conc: 2.51 ng/ml



#8 Heptachlor epoxide

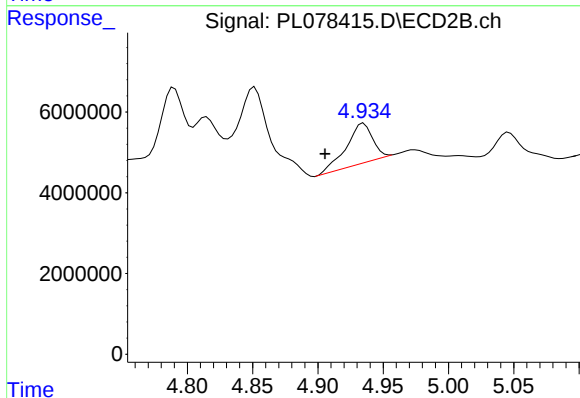
R.T.: 4.541 min  
Delta R.T.: 0.000 min  
Response: 118909  
Conc: 0.04 ng/ml



#9 Endosulfan I

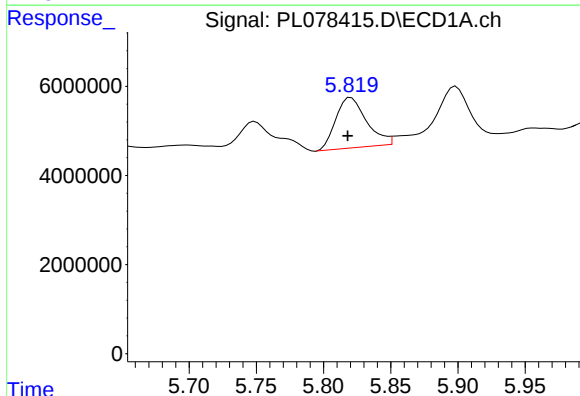
R.T.: 5.957 min  
Delta R.T.: 0.008 min  
Response: 1205896  
Conc: 0.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



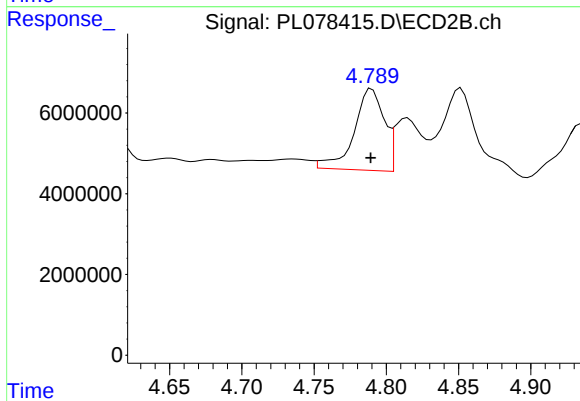
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: 0.029 min  
Response: 13745864  
Conc: 4.98 ng/ml



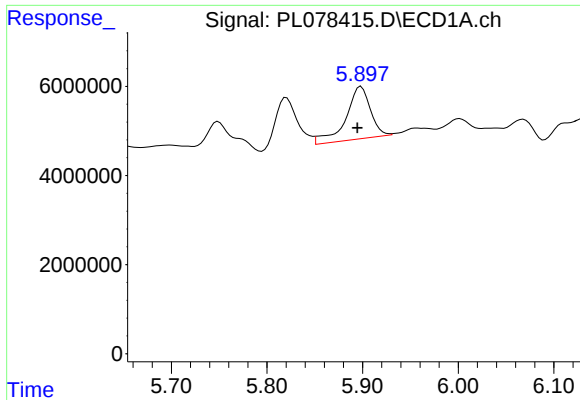
#10 gamma-Chlordane

R.T.: 5.820 min  
Delta R.T.: 0.002 min  
Response: 17926159  
Conc: 10.06 ng/ml



#10 gamma-Chlordane

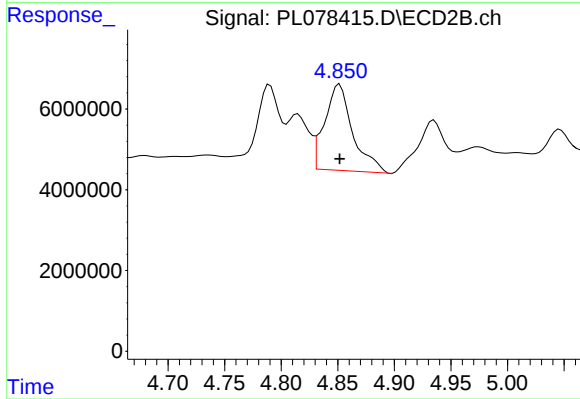
R.T.: 4.790 min  
Delta R.T.: 0.000 min  
Response: 29357561  
Conc: 9.81 ng/ml



#11 alpha-Chlordane

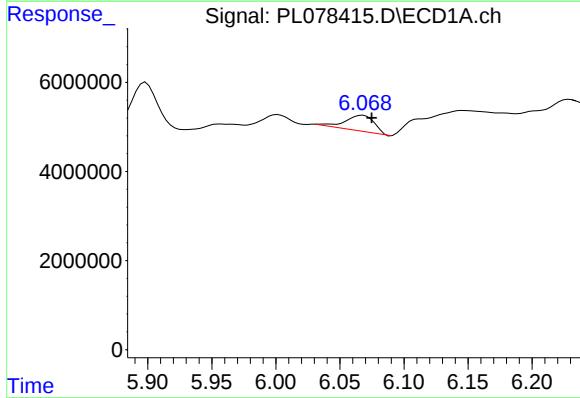
R.T.: 5.899 min  
Delta R.T.: 0.004 min  
Response: 20958143  
Conc: 11.70 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



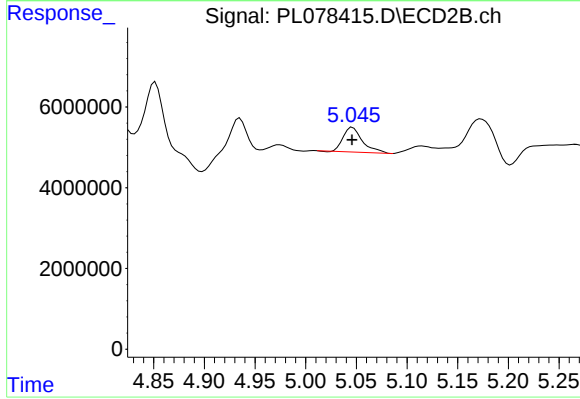
#11 alpha-Chlordane

R.T.: 4.852 min  
Delta R.T.: 0.000 min  
Response: 36756511  
Conc: 12.76 ng/ml



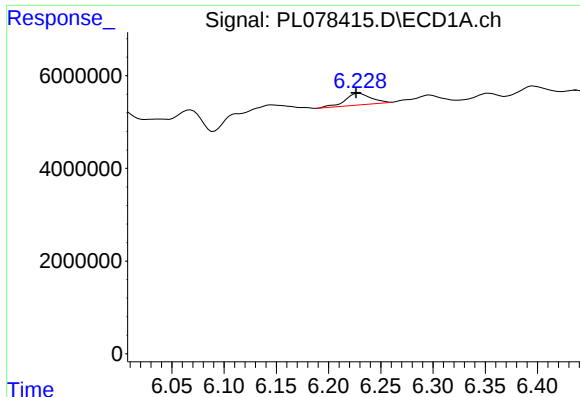
#12 4,4'-DDE

R.T.: 6.068 min  
Delta R.T.: -0.006 min  
Response: 5671746  
Conc: 3.37 ng/ml



#12 4,4'-DDE

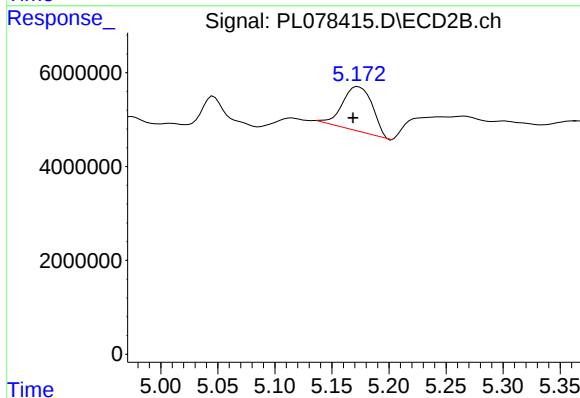
R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 8106377  
Conc: 2.84 ng/ml



#13 Dieldrin

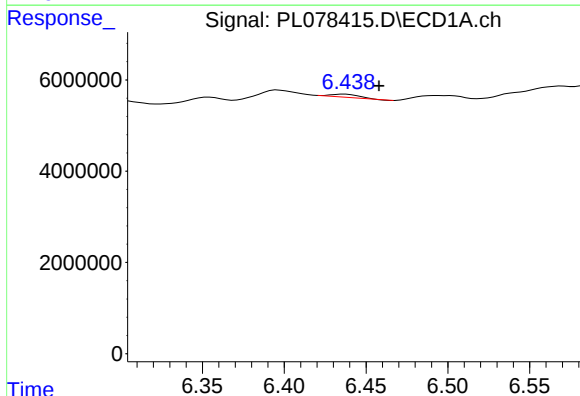
R.T.: 6.229 min  
Delta R.T.: 0.003 min  
Response: 4254727  
Conc: 2.47 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



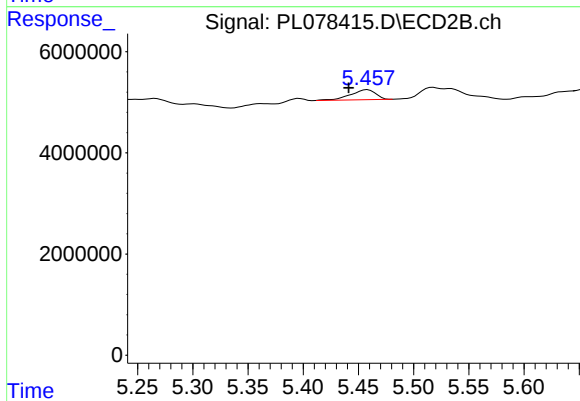
#13 Dieldrin

R.T.: 5.173 min  
Delta R.T.: 0.004 min  
Response: 17332251  
Conc: 5.92 ng/ml



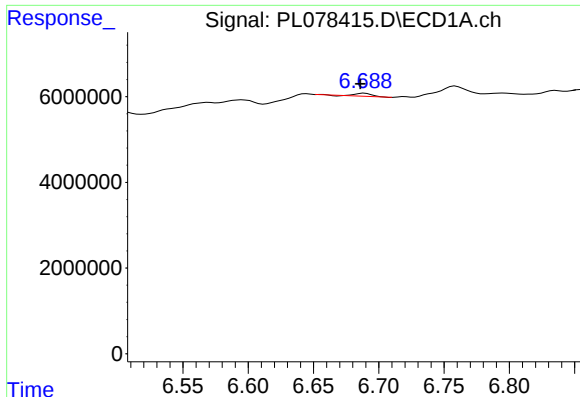
#14 Endrin

R.T.: 6.437 min  
Delta R.T.: -0.021 min  
Response: 823688  
Conc: 0.55 ng/ml



#14 Endrin

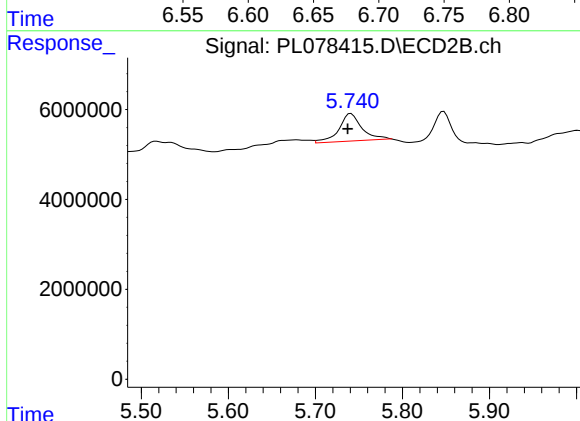
R.T.: 5.458 min  
Delta R.T.: 0.017 min  
Response: 3177993  
Conc: 1.38 ng/ml



#15 Endosulfan II

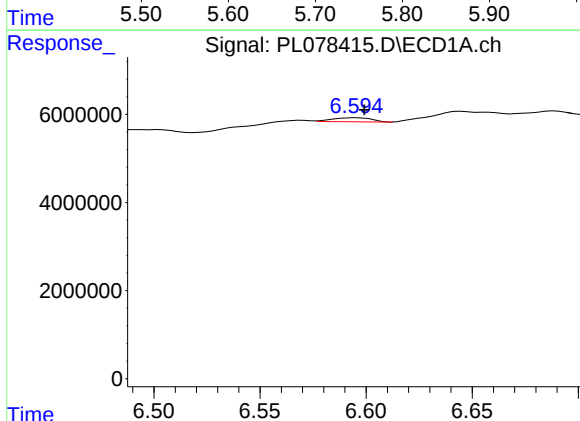
R.T.: 6.689 min  
Delta R.T.: 0.003 min  
Response: 644253  
Conc: 0.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



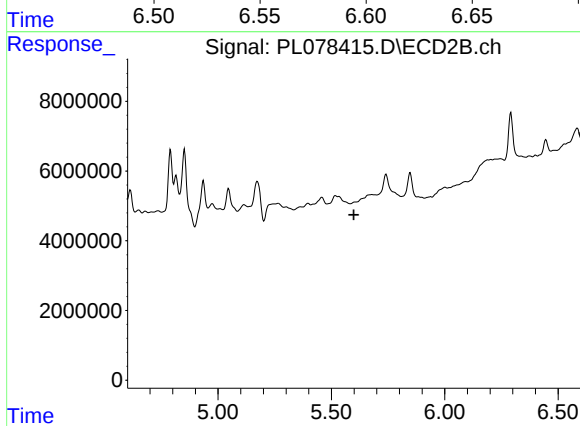
#15 Endosulfan II

R.T.: 5.741 min  
Delta R.T.: 0.004 min  
Response: 11349424  
Conc: 4.64 ng/ml



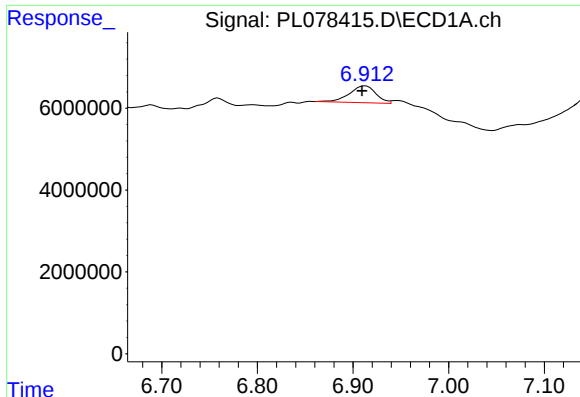
#16 4,4'-DDD

R.T.: 6.596 min  
Delta R.T.: -0.004 min  
Response: 1172464  
Conc: 0.95 ng/ml



#16 4,4'-DDD

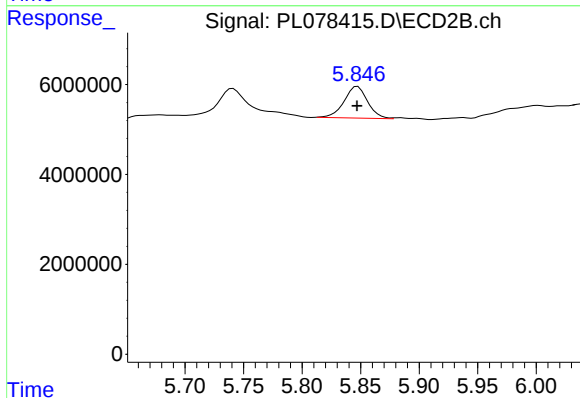
R.T.: 0.000 min  
Exp R.T. : 5.598 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

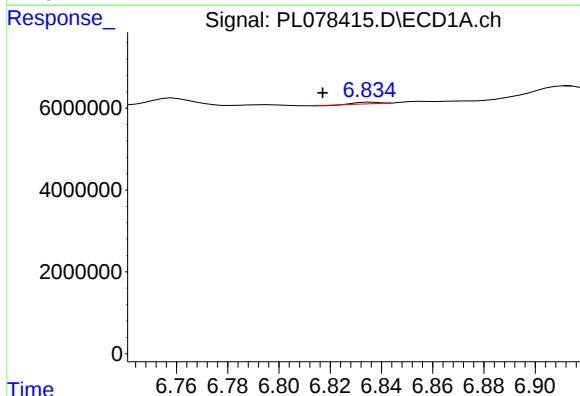
R.T.: 6.913 min  
Delta R.T.: 0.004 min  
Response: 8016562  
Conc: 5.48 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



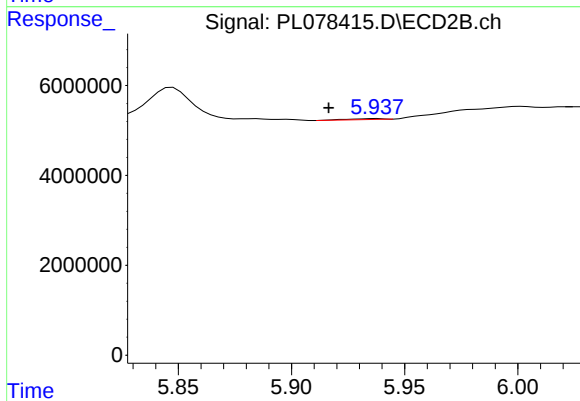
#17 4,4'-DDT

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 9828691  
Conc: 4.33 ng/ml



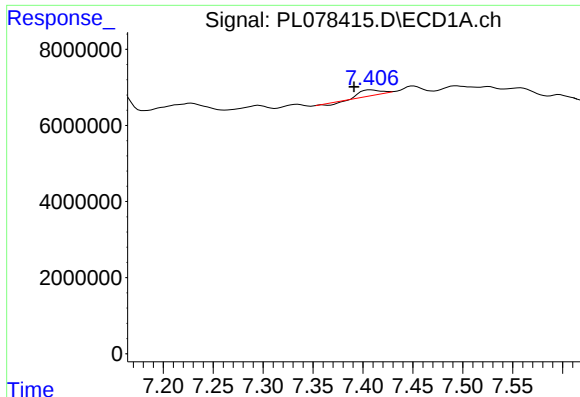
#18 Endrin aldehyde

R.T.: 6.836 min  
Delta R.T.: 0.019 min  
Response: 190188  
Conc: 0.17 ng/ml



#18 Endrin aldehyde

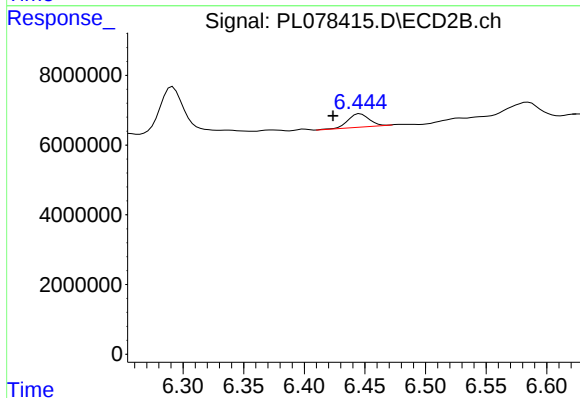
R.T.: 5.938 min  
Delta R.T.: 0.021 min  
Response: 189006  
Conc: 0.10 ng/ml



#20 Methoxychlor

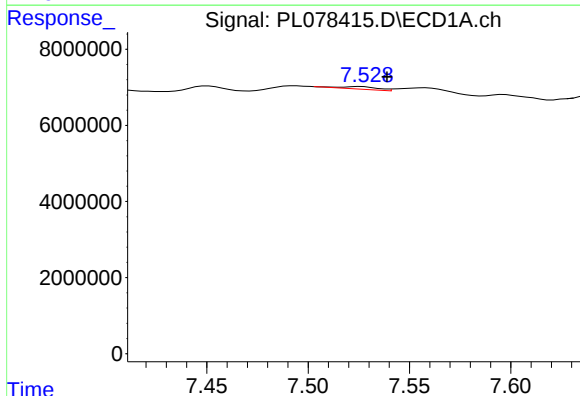
R.T.: 7.408 min  
Delta R.T.: 0.017 min  
Response: 2269213  
Conc: 2.99 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



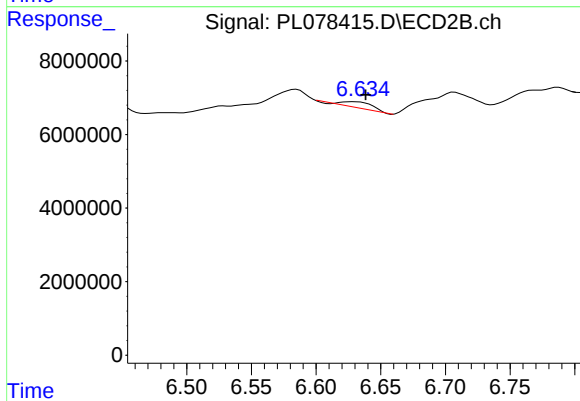
#20 Methoxychlor

R.T.: 6.446 min  
Delta R.T.: 0.022 min  
Response: 4747453  
Conc: 3.76 ng/ml



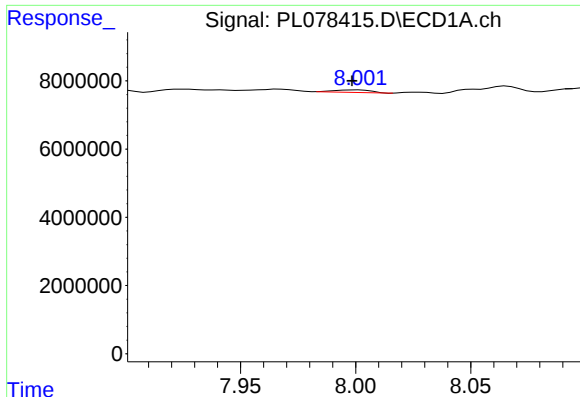
#21 Endrin ketone

R.T.: 7.526 min  
Delta R.T.: -0.013 min  
Response: 847427  
Conc: 0.54 ng/ml



#21 Endrin ketone

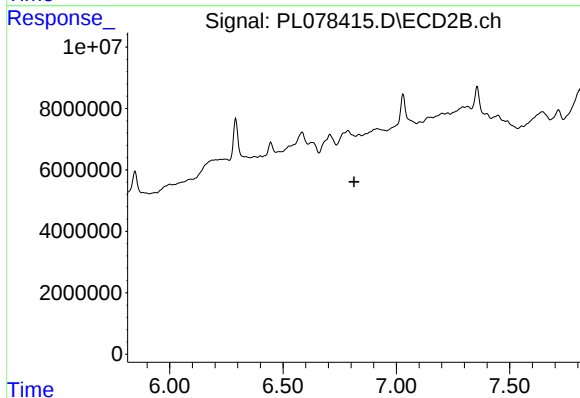
R.T.: 6.629 min  
Delta R.T.: -0.009 min  
Response: 2470323  
Conc: 0.93 ng/ml



#22 Mirex

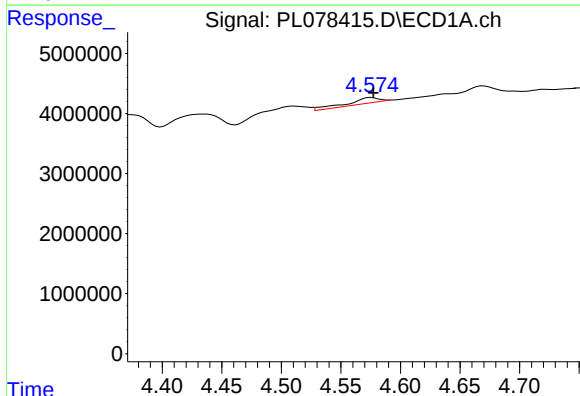
R.T.: 8.001 min  
Delta R.T.: 0.002 min  
Response: 839626  
Conc: 0.71 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



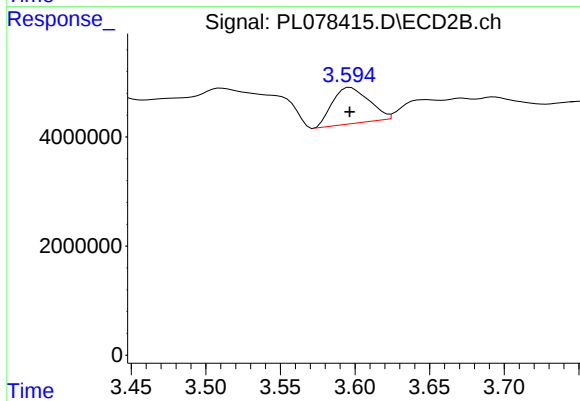
#22 Mirex

R.T.: 6.835 min  
Delta R.T.: 0.022 min  
Response: -123102  
Conc: N.D.



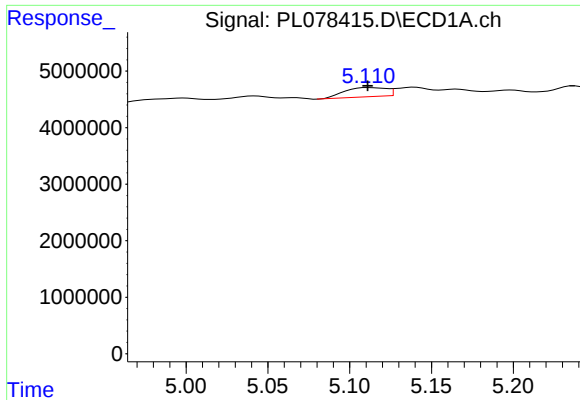
#23 Chlordane-1

R.T.: 4.575 min  
Delta R.T.: -0.002 min  
Response: 1737409  
Conc: 27.46 ng/ml



#23 Chlordane-1

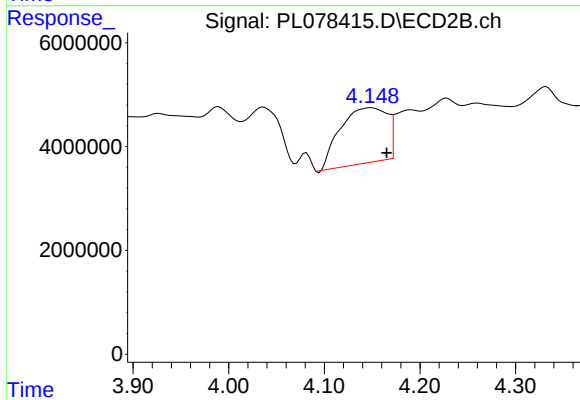
R.T.: 3.597 min  
Delta R.T.: 0.000 min  
Response: 11286132  
Conc: 117.76 ng/ml



#24 Chlordane-2

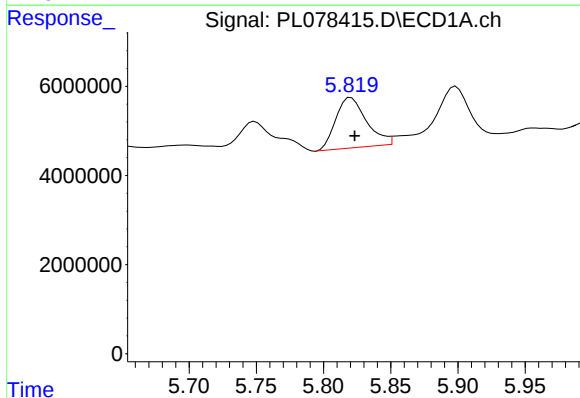
R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 2914474  
Conc: 41.38 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



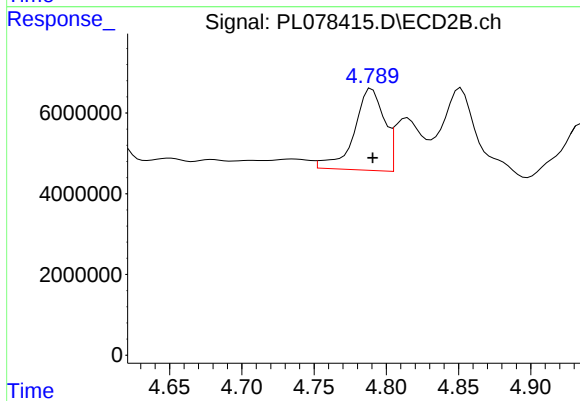
#24 Chlordane-2

R.T.: 4.149 min  
Delta R.T.: -0.016 min  
Response: 36160960  
Conc: 358.77 ng/ml



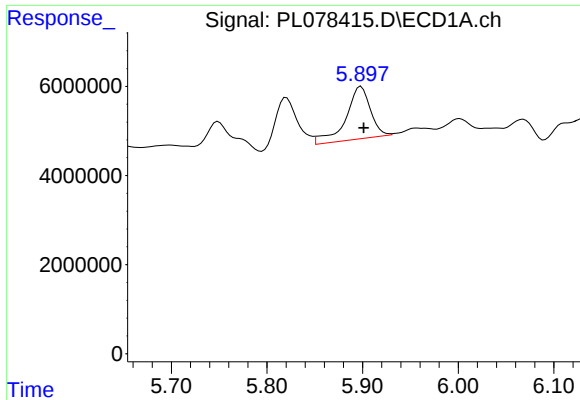
#25 Chlordane-3

R.T.: 5.820 min  
Delta R.T.: -0.003 min  
Response: 17926159  
Conc: 68.95 ng/ml



#25 Chlordane-3

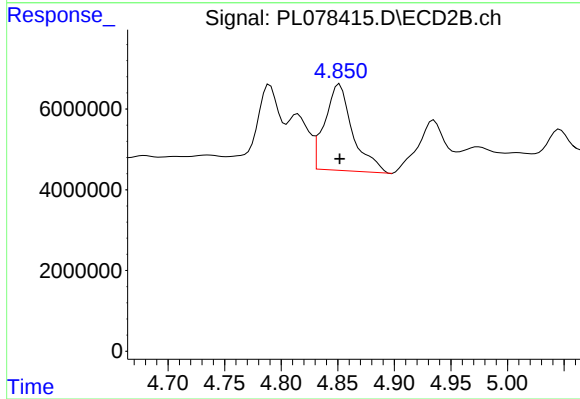
R.T.: 4.790 min  
Delta R.T.: 0.000 min  
Response: 29357561  
Conc: 95.95 ng/ml



#26 Chlordane-4

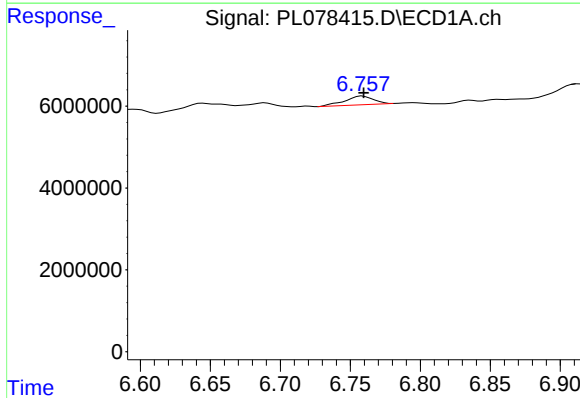
R.T.: 5.899 min  
Delta R.T.: -0.003 min  
Response: 20958143  
Conc: 65.62 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



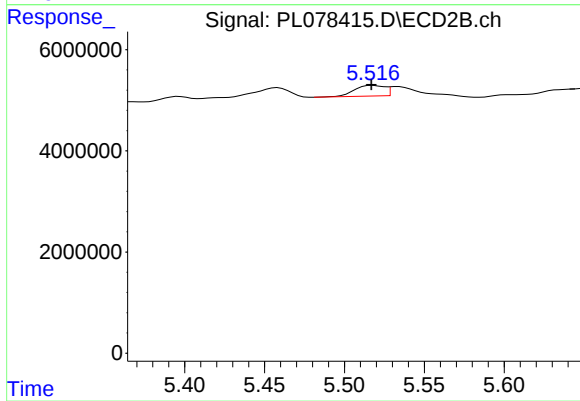
#26 Chlordane-4

R.T.: 4.852 min  
Delta R.T.: 0.000 min  
Response: 36756511  
Conc: 113.83 ng/ml



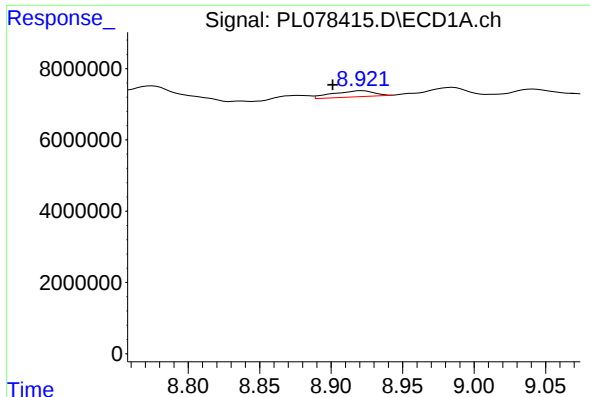
#27 Chlordane-5

R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 3162712  
Conc: 62.28 ng/ml



#27 Chlordane-5

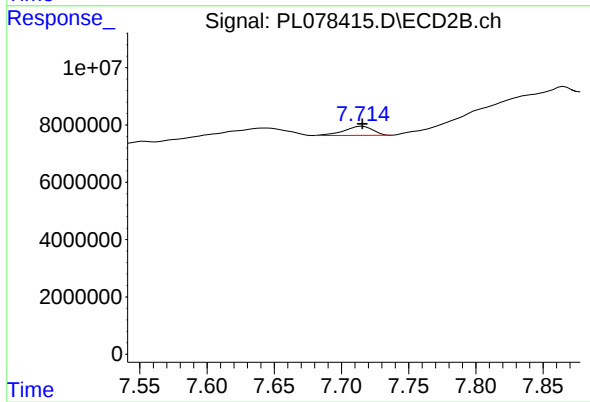
R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 2790312  
Conc: 32.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.922 min  
Delta R.T.: 0.021 min  
Response: 3402511  
Conc: 2.20 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.715 min  
Delta R.T.: 0.000 min  
Response: 4707304  
Conc: 2.17 ng/ml