

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090222\  
 Data File : PL077496.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Sep 2022 22:30  
 Operator : AR\AJ  
 Sample : N4486-01MSD  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 05:26:15 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090222.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 03 05:19:42 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  | 2.629  | 20832767 | 38846716 | 15.135   | 14.602    |
| 28)                         | SA Decachlor... | 8.904  | 7.727  | 16620982 | 17469822 | 14.522   | 7.403 #   |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.880  | 3.122  | 124.7E6  | 181.2E6  | 62.106   | 45.056 #  |
| 3)                          | MA gamma-BHC... | 4.216  | 3.446  | 93509654 | 166.2E6  | 49.461   | 47.401    |
| 4)                          | MA Heptachlor   | 4.791  | 3.778  | 84201961 | 162.6E6  | 45.718   | 46.720    |
| 5)                          | MB Aldrin       | 5.131  | 4.052  | 87307576 | 180.8E6  | 51.354   | 54.885    |
| 6)                          | B beta-BHC      | 4.427  | 3.745  | 40149575 | 55694907 | 48.677   | 36.977    |
| 7)                          | B delta-BHC     | 4.671  | 3.968  | 76202167 | 165.4E6  | 46.524   | 45.327    |
| 8)                          | B Heptachlo...  | 5.563  | 4.551  | 74338179 | 148.5E6  | 55.527   | 49.710    |
| 9)                          | A Endosulfan I  | 5.950  | 4.917  | 64400507 | 112.7E6  | 47.101   | 41.746    |
| 10)                         | B gamma-Chl...  | 5.819  | 4.800  | 82248926 | 154.0E6  | 55.229   | 50.606    |
| 11)                         | B alpha-Chl...  | 5.896  | 4.863  | 81467561 | 135.5E6  | 55.512   | 46.966    |
| 12)                         | B 4,4'-DDE      | 6.075  | 5.057  | 70836270 | 140.1E6  | 51.717   | 47.401    |
| 13)                         | MA Dieldrin     | 6.228  | 5.180  | 68646009 | 132.5E6  | 48.847   | 46.118    |
| 14)                         | MA Endrin       | 6.460  | 5.452  | 57241235 | 105.0E6  | 46.266   | 46.247    |
| 15)                         | B Endosulfa...  | 6.686  | 5.748  | 51838678 | 98779678 | 46.137   | 42.996    |
| 16)                         | A 4,4'-DDD      | 6.600  | 5.610  | 56070889 | 97759864 | 54.464   | 42.793    |
| 17)                         | MA 4,4'-DDT     | 6.910  | 5.858  | 34188852 | 111.4E6  | 29.093   | 48.029 #  |
| 18)                         | B Endrin al...  | 6.817  | 5.928  | 50853781 | 88764726 | 54.269   | 47.569    |
| 19)                         | B Endosulfa...  | 7.052  | 6.150  | 69286411 | 78902659 | 58.637   | 32.755 #  |
| 20)                         | A Methoxychlor  | 7.392  | 6.435  | 27596228 | 50706462 | 45.508   | 39.679    |
| 21)                         | B Endrin ke...  | 7.538  | 6.649  | 54220927 | 101.5E6  | 43.760   | 39.364    |
| 22)                         | Mirex           | 7.999  | 6.825  | 49412677 | 78929441 | 51.336   | 39.030    |
| 23)                         | Chlordane-1     | 4.575  | 3.611  | 4145     | 5508196  | 0.082    | 62.448 #  |
| 24)                         | Chlordane-2     | 5.131f | 4.202f | 87307576 | 8622297  | 1417.696 | 84.189 #  |
| 25)                         | Chlordane-3     | 5.819  | 4.800  | 82248926 | 154.0E6  | 402.995  | 511.738 # |
| 26)                         | Chlordane-4     | 5.896  | 4.863  | 81467561 | 135.5E6  | 329.286  | 442.530 # |
| 27)                         | Chlordane-5     | 0.000  | 5.521  | 0        | 10288003 | N.D.     | 133.608 # |
| -----                       |                 |        |        |          |          |          |           |

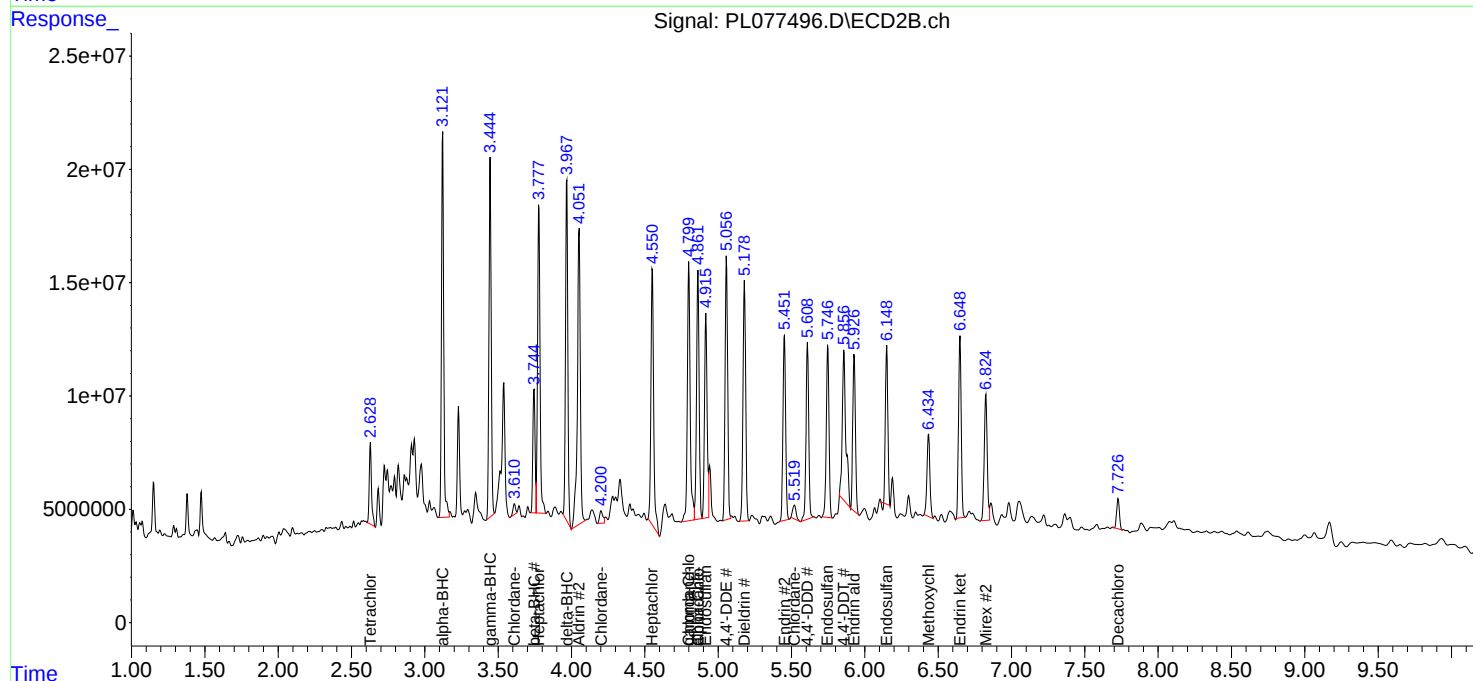
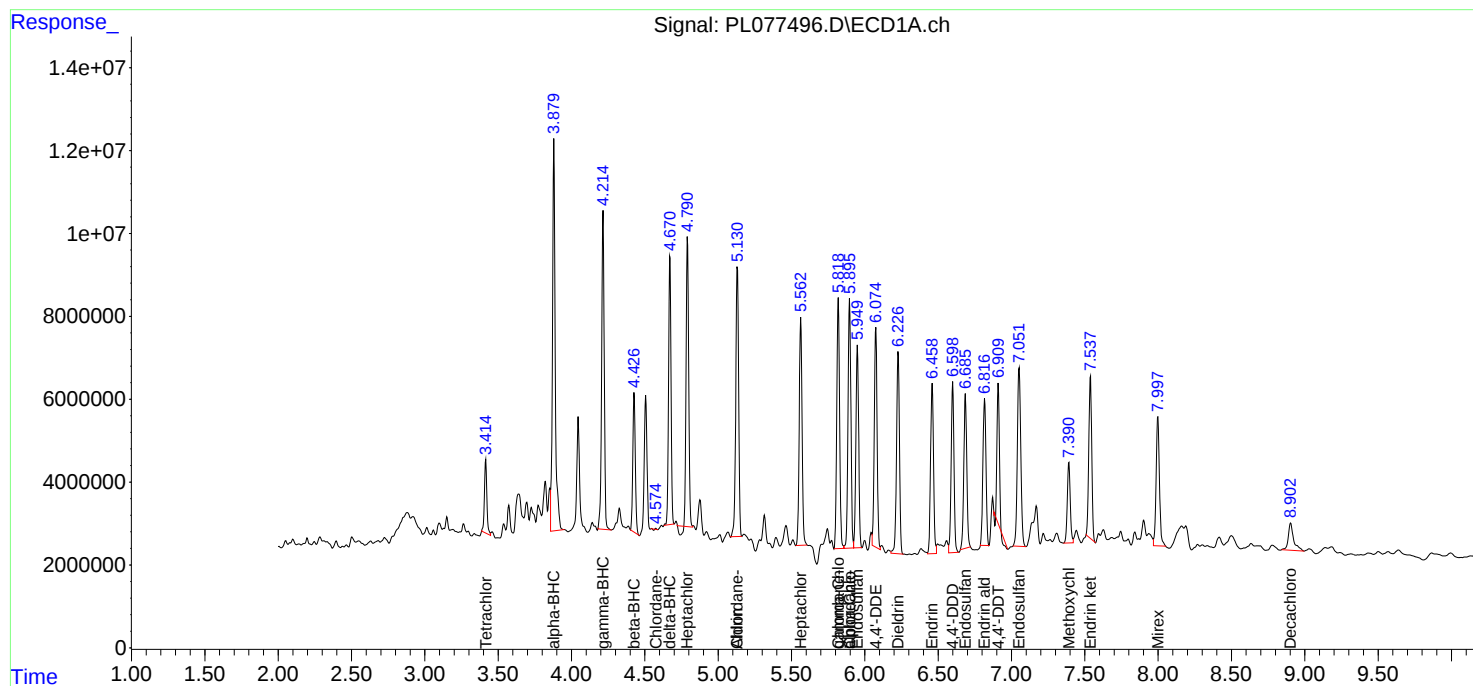
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

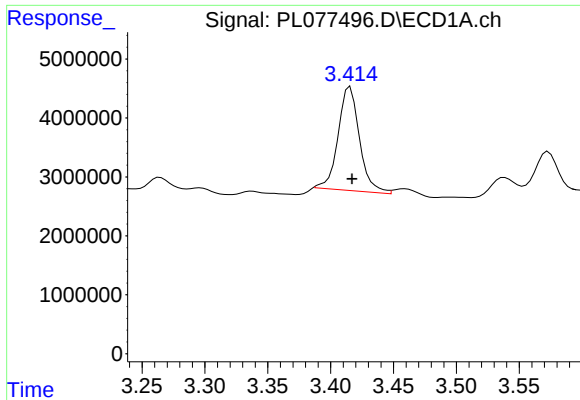
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090222\  
Data File : PL077496.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Sep 2022 22:30  
Operator : AR\AJ  
Sample : N4486-01MSD  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 05:26:15 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090222.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 03 05:19:42 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

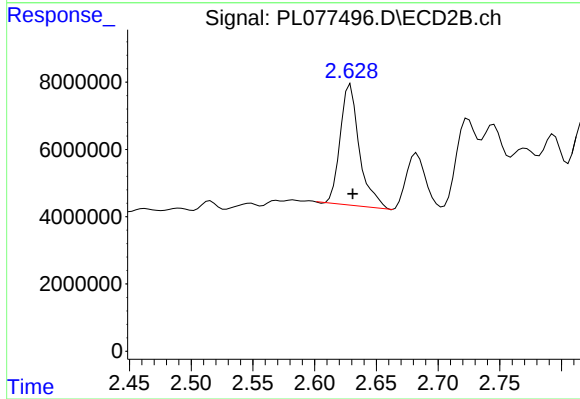




#1 Tetrachloro-m-xylene

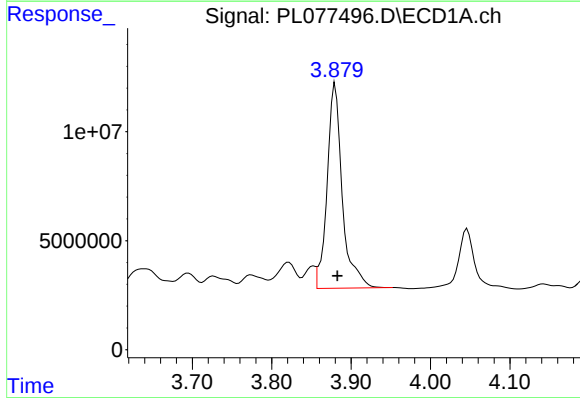
R.T.: 3.415 min  
Delta R.T.: -0.002 min  
Response: 20832767  
Conc: 15.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



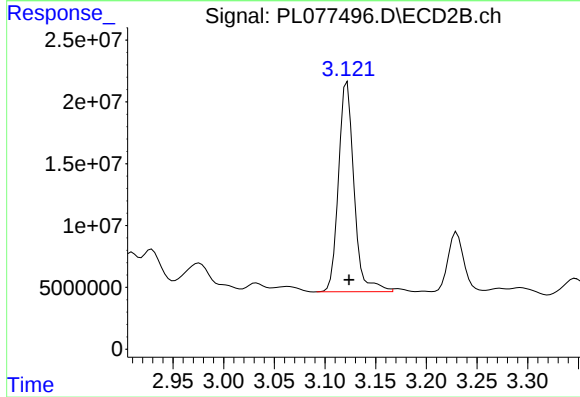
#1 Tetrachloro-m-xylene

R.T.: 2.629 min  
Delta R.T.: -0.002 min  
Response: 38846716  
Conc: 14.60 ng/ml



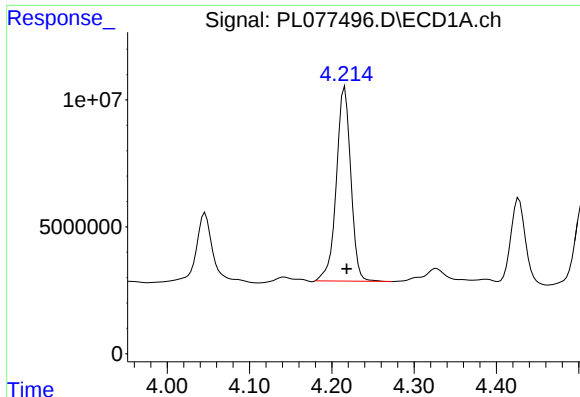
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: -0.003 min  
Response: 124708959  
Conc: 62.11 ng/ml



#2 alpha-BHC

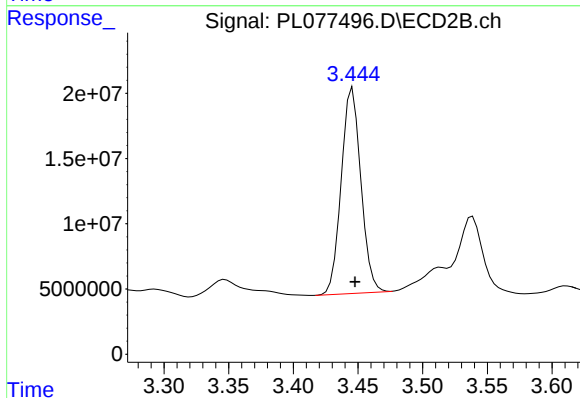
R.T.: 3.122 min  
Delta R.T.: -0.002 min  
Response: 181231469  
Conc: 45.06 ng/ml



#3 gamma-BHC (Lindane)

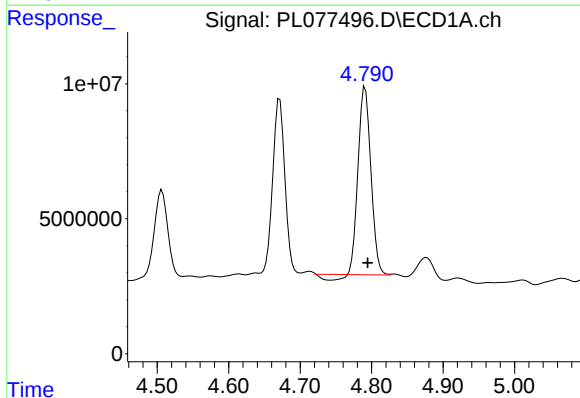
R.T.: 4.216 min  
Delta R.T.: -0.002 min  
Response: 93509654  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



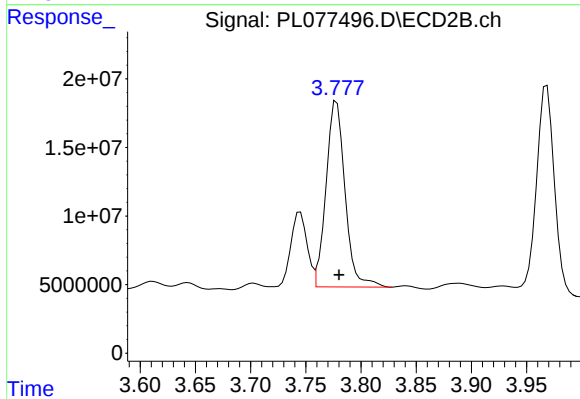
#3 gamma-BHC (Lindane)

R.T.: 3.446 min  
Delta R.T.: -0.002 min  
Response: 166161673  
Conc: 47.40 ng/ml



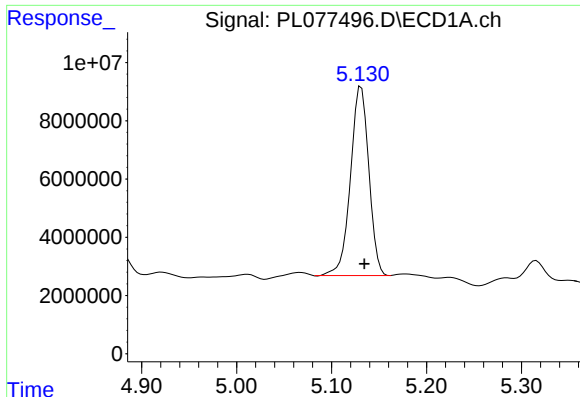
#4 Heptachlor

R.T.: 4.791 min  
Delta R.T.: -0.003 min  
Response: 84201961  
Conc: 45.72 ng/ml



#4 Heptachlor

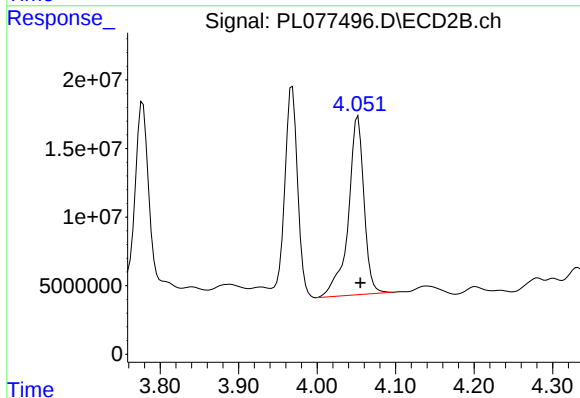
R.T.: 3.778 min  
Delta R.T.: -0.002 min  
Response: 162640118  
Conc: 46.72 ng/ml



#5 Aldrin

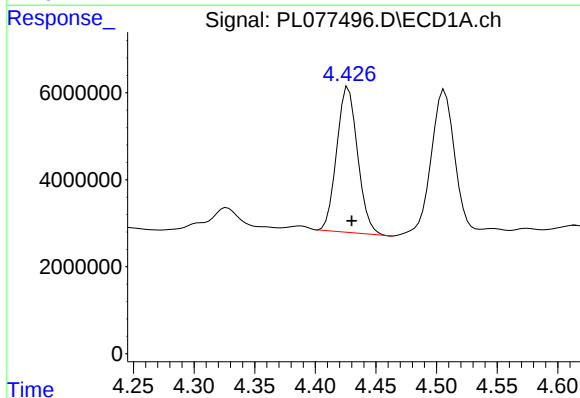
R.T.: 5.131 min  
Delta R.T.: -0.003 min  
Response: 87307576  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



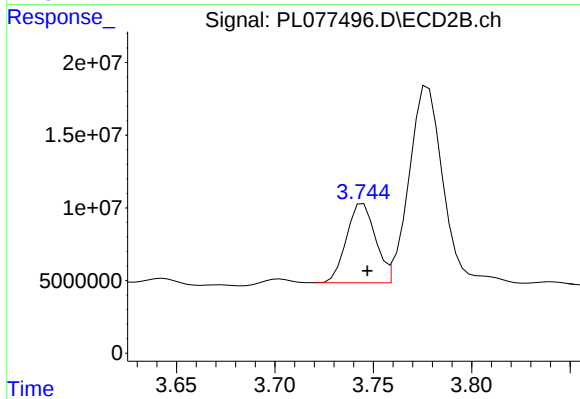
#5 Aldrin

R.T.: 4.052 min  
Delta R.T.: -0.003 min  
Response: 180844847  
Conc: 54.88 ng/ml



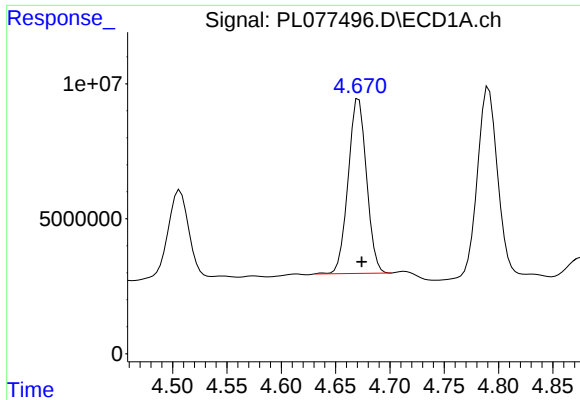
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: -0.003 min  
Response: 40149575  
Conc: 48.68 ng/ml



#6 beta-BHC

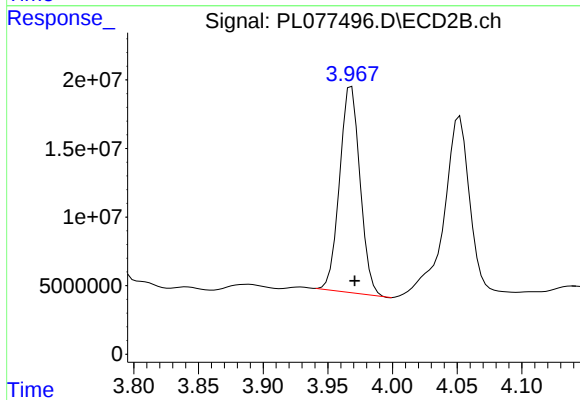
R.T.: 3.745 min  
Delta R.T.: -0.002 min  
Response: 55694907  
Conc: 36.98 ng/ml



#7 delta-BHC

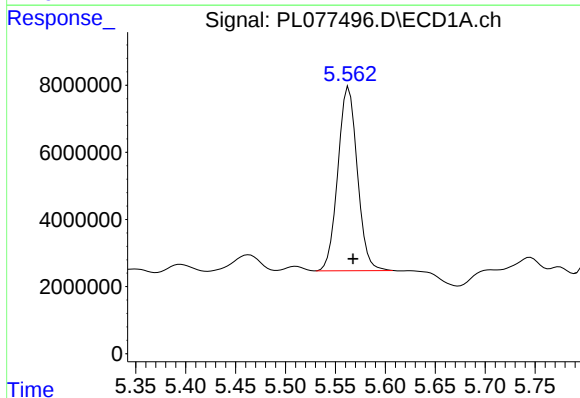
R.T.: 4.671 min  
Delta R.T.: -0.003 min  
Response: 76202167  
Conc: 46.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



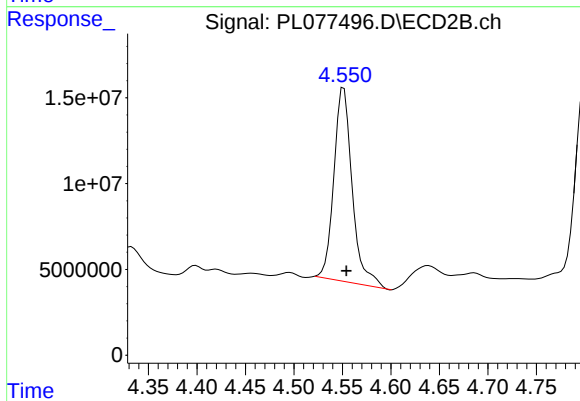
#7 delta-BHC

R.T.: 3.968 min  
Delta R.T.: -0.002 min  
Response: 165446549  
Conc: 45.33 ng/ml



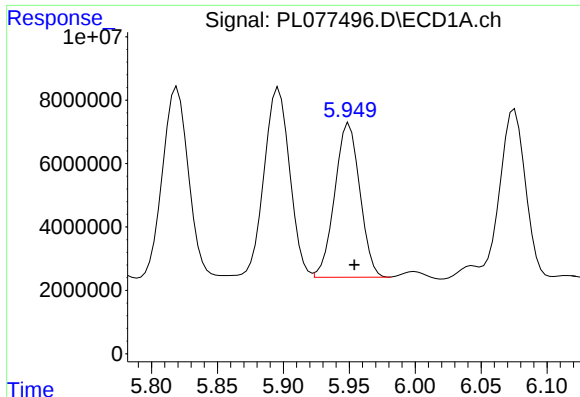
#8 Heptachlor epoxide

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 74338179  
Conc: 55.53 ng/ml



#8 Heptachlor epoxide

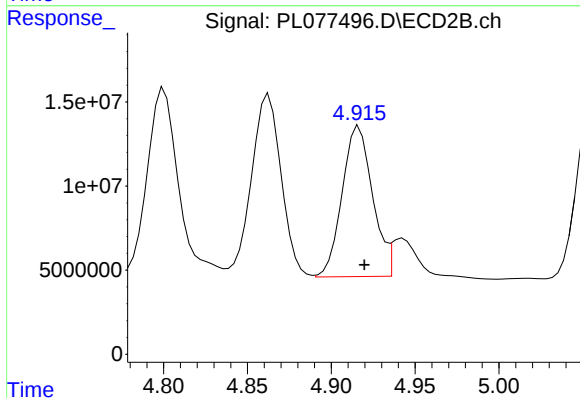
R.T.: 4.551 min  
Delta R.T.: -0.003 min  
Response: 148494448  
Conc: 49.71 ng/ml



#9 Endosulfan I

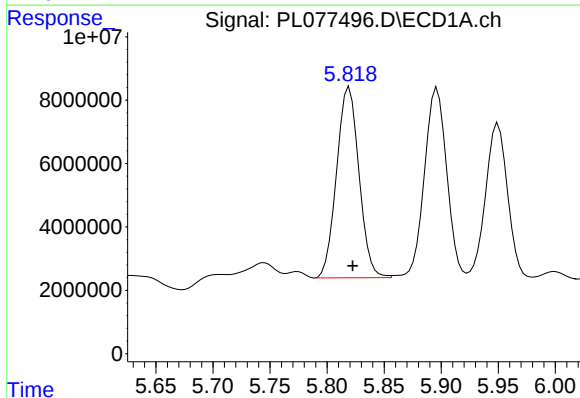
R.T.: 5.950 min  
Delta R.T.: -0.004 min  
Response: 64400507  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



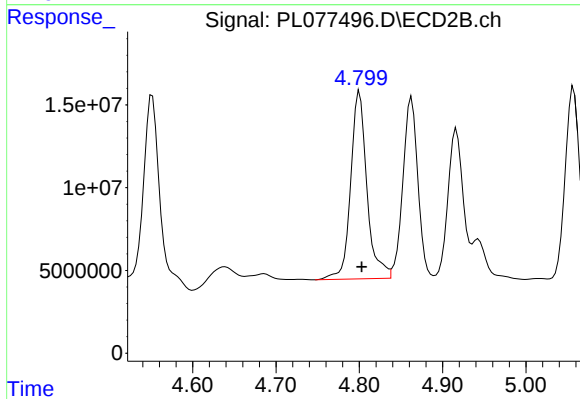
#9 Endosulfan I

R.T.: 4.917 min  
Delta R.T.: -0.003 min  
Response: 112652647  
Conc: 41.75 ng/ml



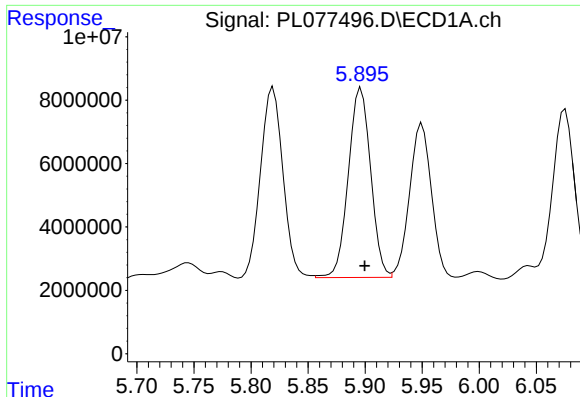
#10 gamma-Chlordane

R.T.: 5.819 min  
Delta R.T.: -0.003 min  
Response: 82248926  
Conc: 55.23 ng/ml



#10 gamma-Chlordane

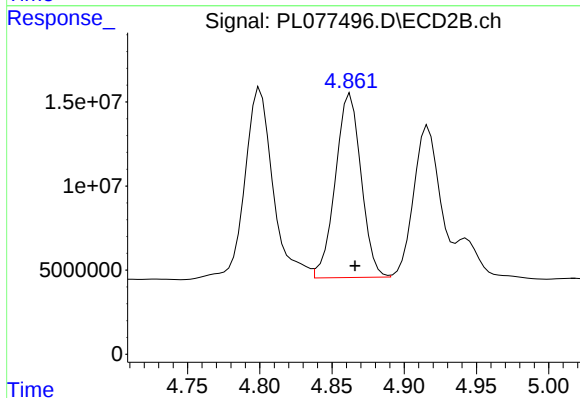
R.T.: 4.800 min  
Delta R.T.: -0.003 min  
Response: 153989324  
Conc: 50.61 ng/ml



#11 alpha-Chlordane

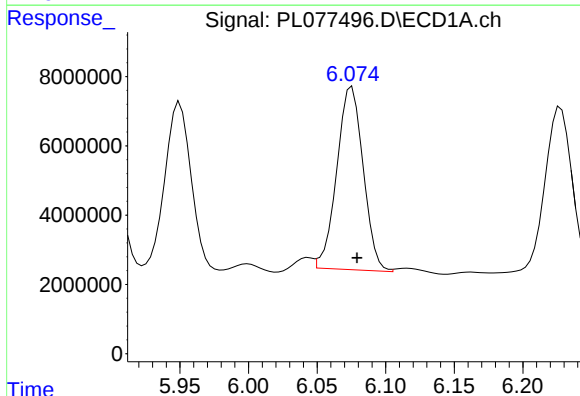
R.T.: 5.896 min  
Delta R.T.: -0.003 min  
Response: 81467561  
Conc: 55.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



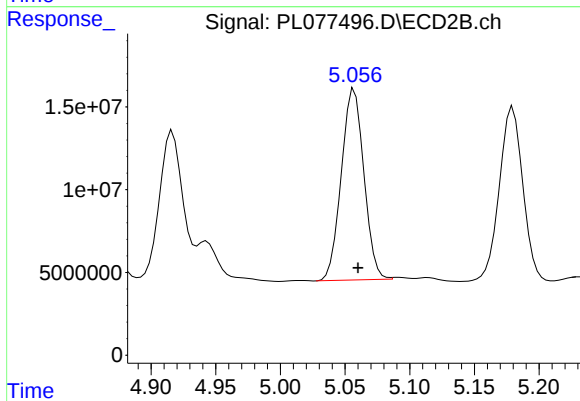
#11 alpha-Chlordane

R.T.: 4.863 min  
Delta R.T.: -0.003 min  
Response: 135458479  
Conc: 46.97 ng/ml



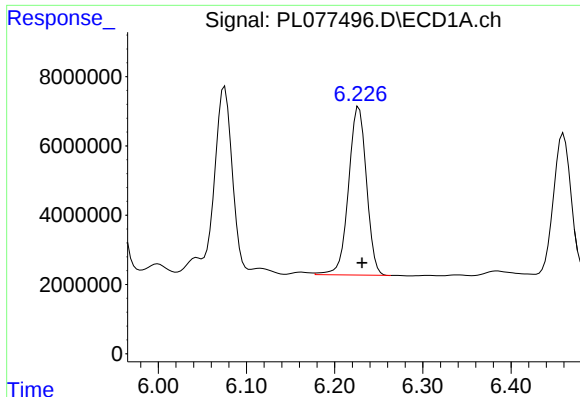
#12 4,4'-DDE

R.T.: 6.075 min  
Delta R.T.: -0.004 min  
Response: 70836270  
Conc: 51.72 ng/ml



#12 4,4'-DDE

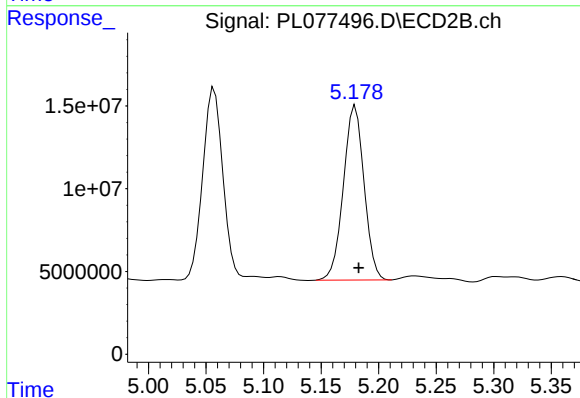
R.T.: 5.057 min  
Delta R.T.: -0.003 min  
Response: 140124946  
Conc: 47.40 ng/ml



#13 Dieldrin

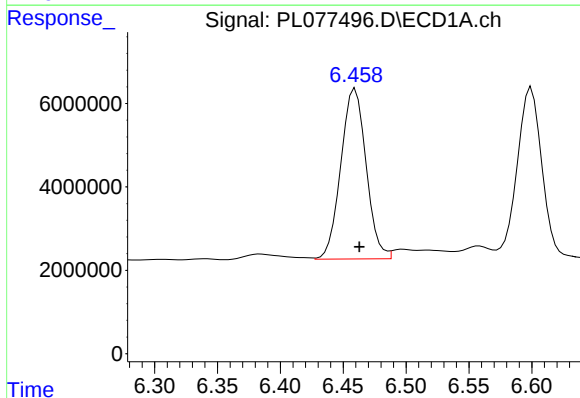
R.T.: 6.228 min  
Delta R.T.: -0.004 min  
Response: 68646009  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



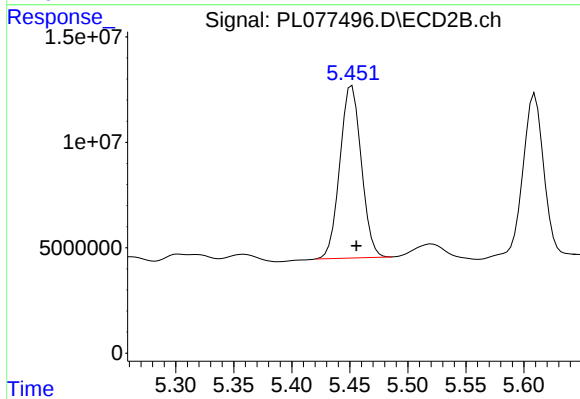
#13 Dieldrin

R.T.: 5.180 min  
Delta R.T.: -0.003 min  
Response: 132507842  
Conc: 46.12 ng/ml



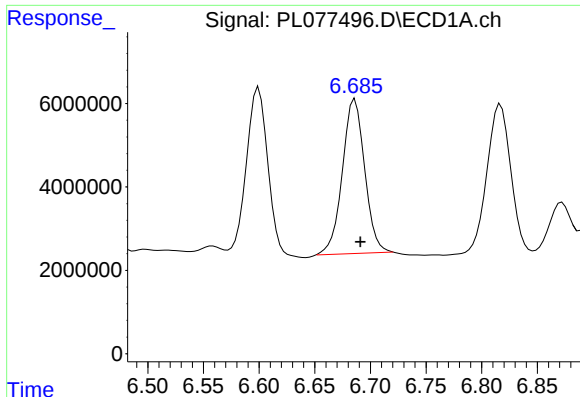
#14 Endrin

R.T.: 6.460 min  
Delta R.T.: -0.003 min  
Response: 57241235  
Conc: 46.27 ng/ml



#14 Endrin

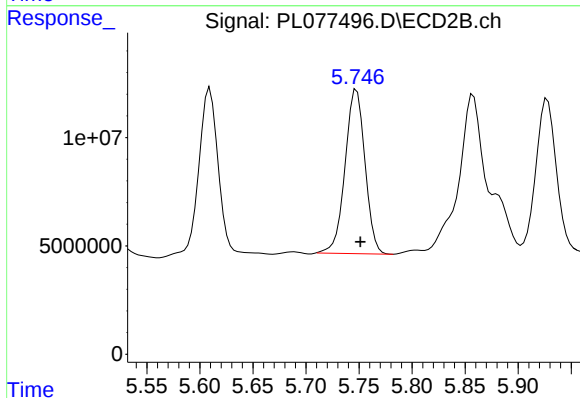
R.T.: 5.452 min  
Delta R.T.: -0.004 min  
Response: 105030089  
Conc: 46.25 ng/ml



#15 Endosulfan II

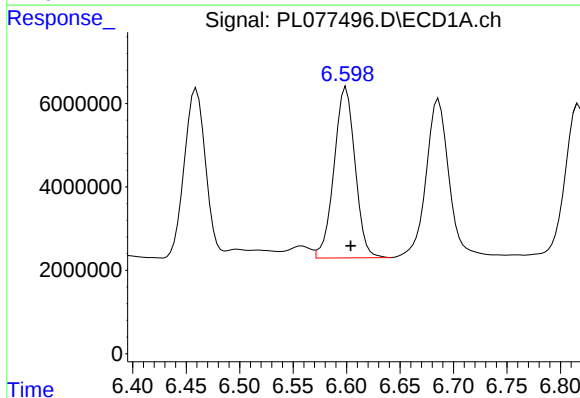
R.T.: 6.686 min  
Delta R.T.: -0.005 min  
Response: 51838678  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



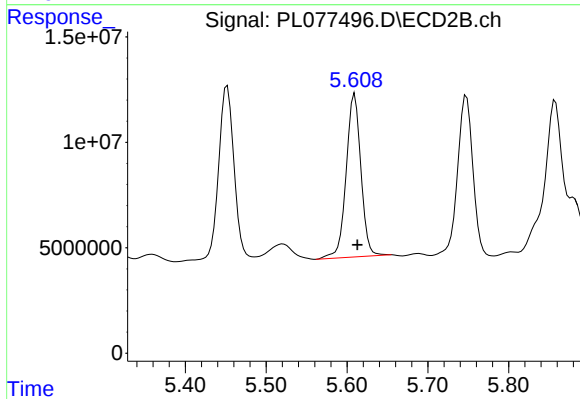
#15 Endosulfan II

R.T.: 5.748 min  
Delta R.T.: -0.004 min  
Response: 98779678  
Conc: 43.00 ng/ml



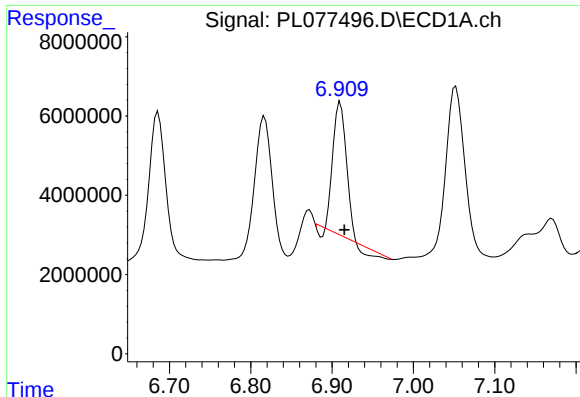
#16 4,4'-DDD

R.T.: 6.600 min  
Delta R.T.: -0.004 min  
Response: 56070889  
Conc: 54.46 ng/ml



#16 4,4'-DDD

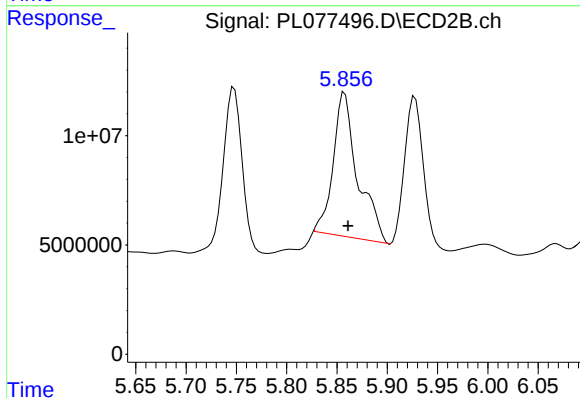
R.T.: 5.610 min  
Delta R.T.: -0.003 min  
Response: 97759864  
Conc: 42.79 ng/ml



#17 4,4'-DDT

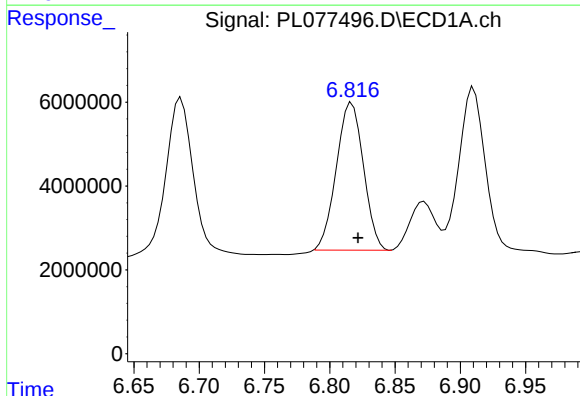
R.T.: 6.910 min  
Delta R.T.: -0.005 min  
Response: 34188852  
Conc: 29.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



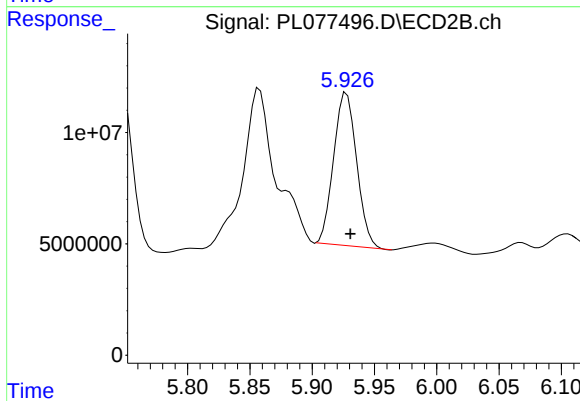
#17 4,4'-DDT

R.T.: 5.858 min  
Delta R.T.: -0.003 min  
Response: 111368765  
Conc: 48.03 ng/ml



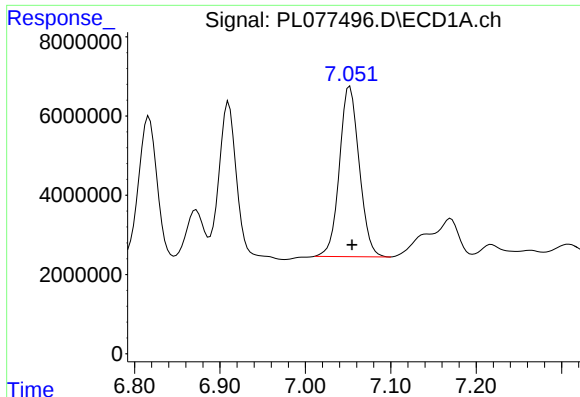
#18 Endrin aldehyde

R.T.: 6.817 min  
Delta R.T.: -0.005 min  
Response: 50853781  
Conc: 54.27 ng/ml



#18 Endrin aldehyde

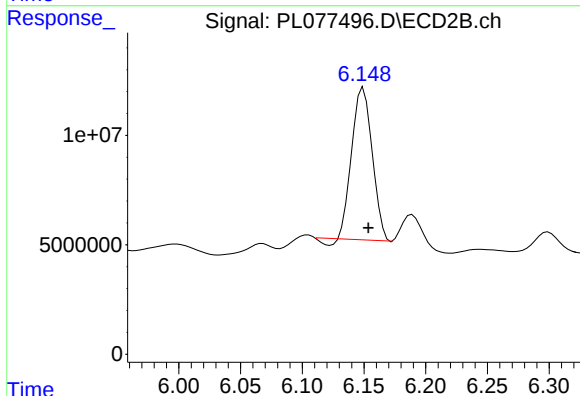
R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 88764726  
Conc: 47.57 ng/ml



#19 Endosulfan Sulfate

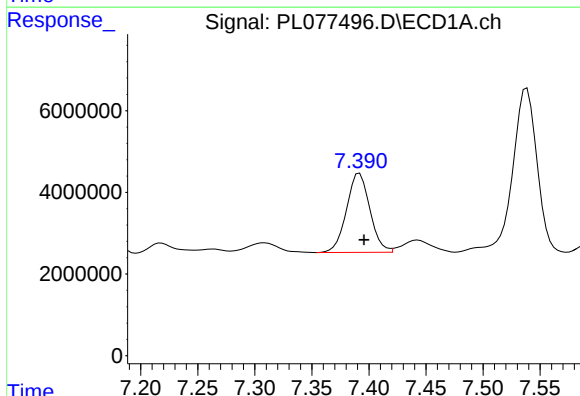
R.T.: 7.052 min  
Delta R.T.: -0.002 min  
Response: 69286411  
Conc: 58.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



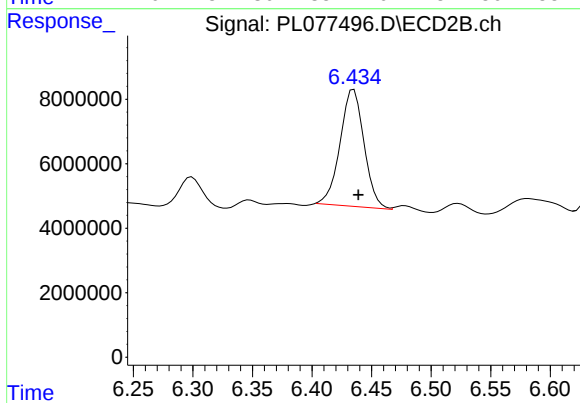
#19 Endosulfan Sulfate

R.T.: 6.150 min  
Delta R.T.: -0.004 min  
Response: 78902659  
Conc: 32.76 ng/ml



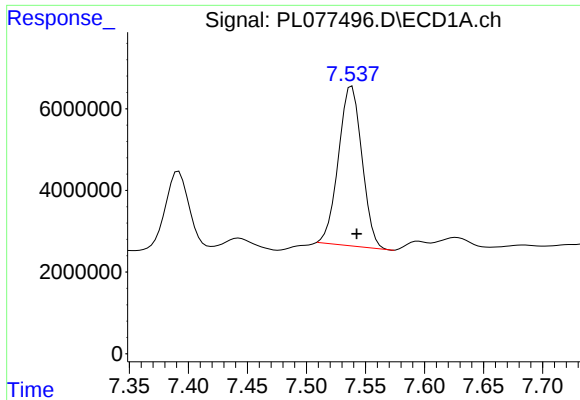
#20 Methoxychlor

R.T.: 7.392 min  
Delta R.T.: -0.004 min  
Response: 27596228  
Conc: 45.51 ng/ml



#20 Methoxychlor

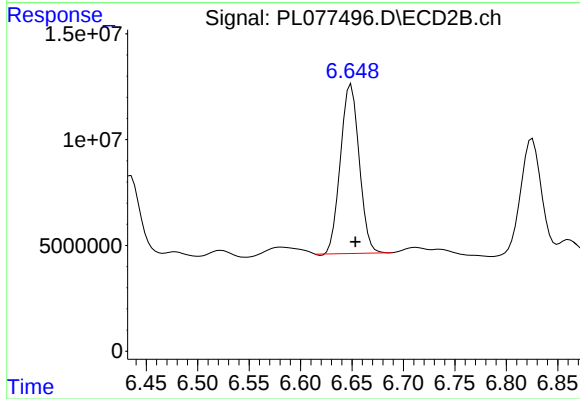
R.T.: 6.435 min  
Delta R.T.: -0.004 min  
Response: 50706462  
Conc: 39.68 ng/ml



#21 Endrin ketone

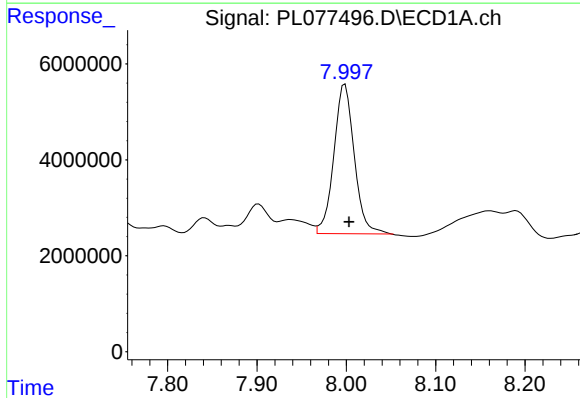
R.T.: 7.538 min  
Delta R.T.: -0.004 min  
Response: 54220927  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



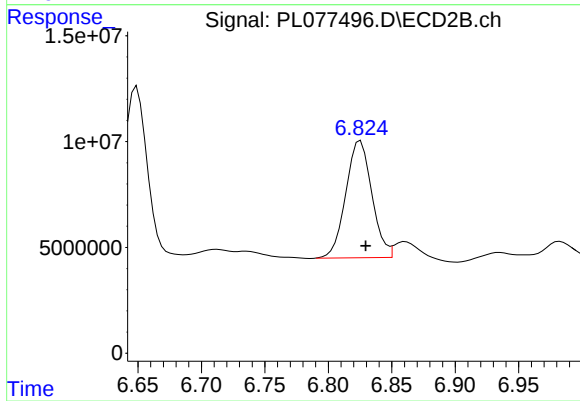
#21 Endrin ketone

R.T.: 6.649 min  
Delta R.T.: -0.004 min  
Response: 101475953  
Conc: 39.36 ng/ml



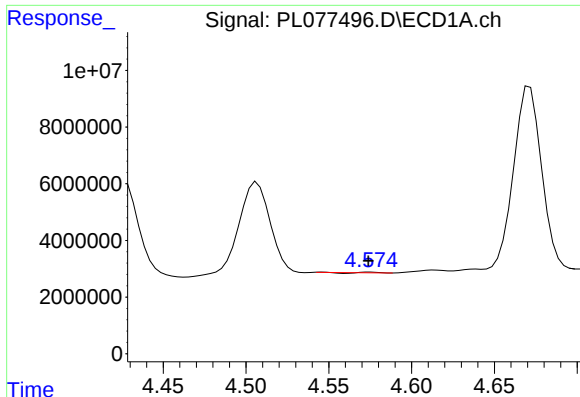
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: -0.005 min  
Response: 49412677  
Conc: 51.34 ng/ml



#22 Mirex

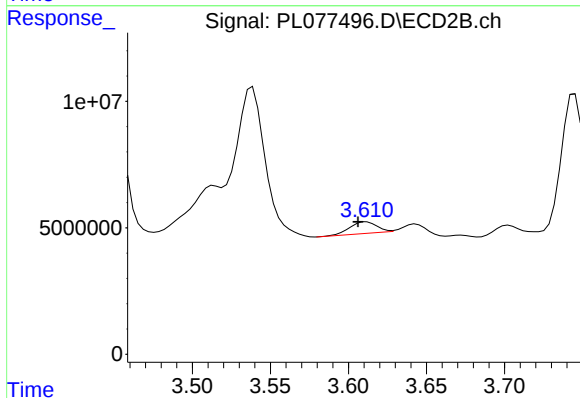
R.T.: 6.825 min  
Delta R.T.: -0.004 min  
Response: 78929441  
Conc: 39.03 ng/ml



#23 Chlordane-1

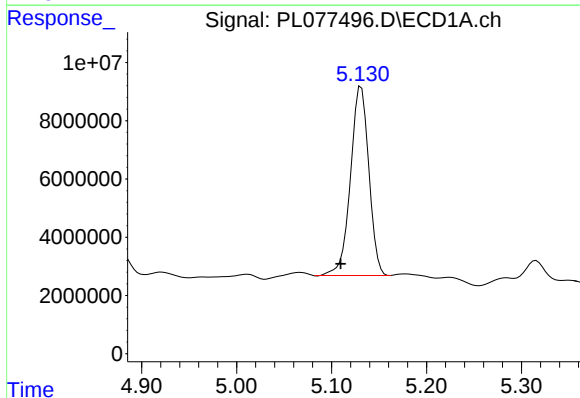
R.T.: 4.575 min  
Delta R.T.: 0.001 min  
Response: 4145  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



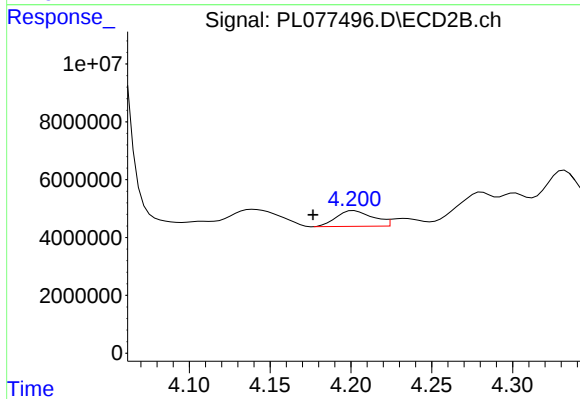
#23 Chlordane-1

R.T.: 3.611 min  
Delta R.T.: 0.005 min  
Response: 5508196  
Conc: 62.45 ng/ml



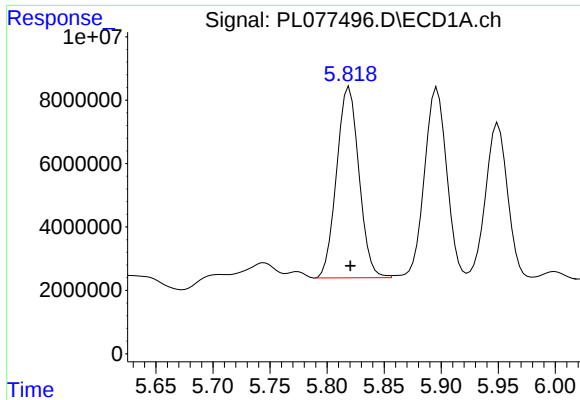
#24 Chlordane-2

R.T.: 5.131 min  
Delta R.T.: 0.022 min  
Response: 87307576  
Conc: 1417.70 ng/ml



#24 Chlordane-2

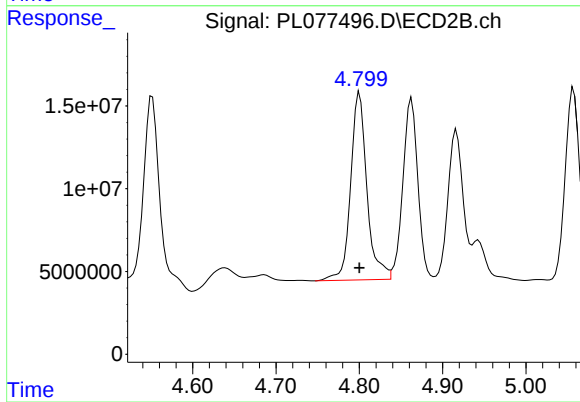
R.T.: 4.202 min  
Delta R.T.: 0.025 min  
Response: 8622297  
Conc: 84.19 ng/ml



#25 Chlordane-3

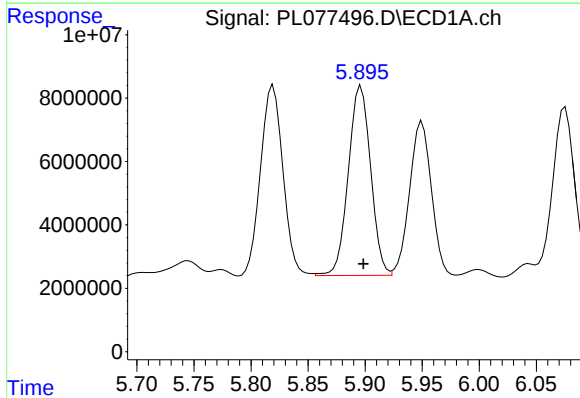
R.T.: 5.819 min  
Delta R.T.: 0.000 min  
Response: 82248926  
Conc: 402.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



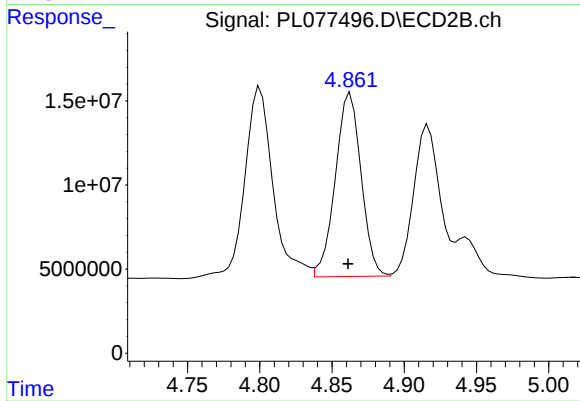
#25 Chlordane-3

R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 153989324  
Conc: 511.74 ng/ml



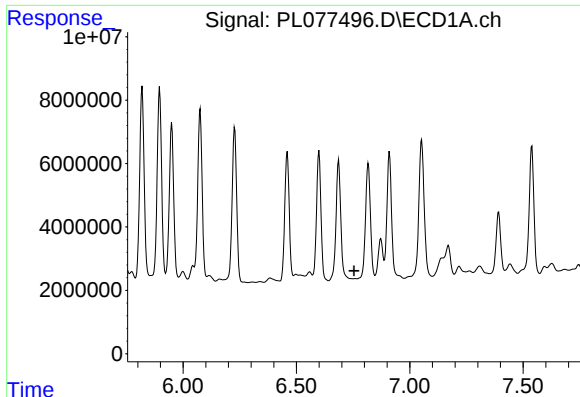
#26 Chlordane-4

R.T.: 5.896 min  
Delta R.T.: -0.002 min  
Response: 81467561  
Conc: 329.29 ng/ml



#26 Chlordane-4

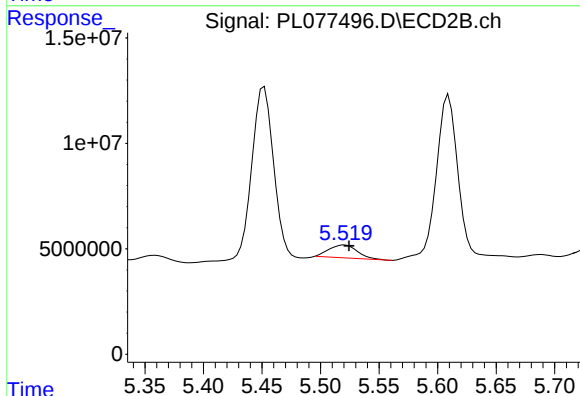
R.T.: 4.863 min  
Delta R.T.: 0.002 min  
Response: 135458479  
Conc: 442.53 ng/ml



#27 Chlordane-5

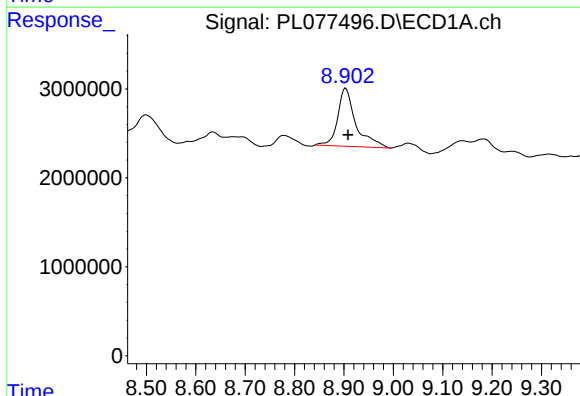
R.T.: 0.000 min  
Exp R.T.: 6.755 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



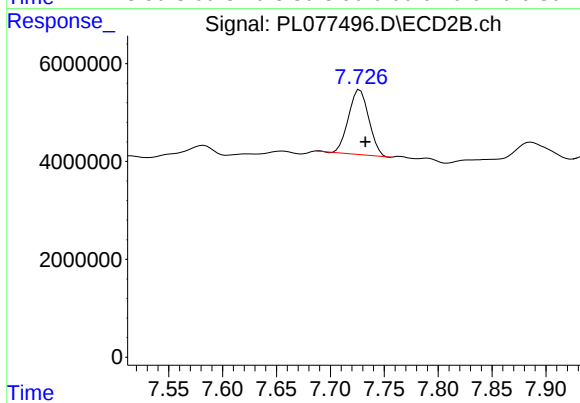
#27 Chlordane-5

R.T.: 5.521 min  
Delta R.T.: -0.004 min  
Response: 10288003  
Conc: 133.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.904 min  
Delta R.T.: -0.005 min  
Response: 16620982  
Conc: 14.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.727 min  
Delta R.T.: -0.005 min  
Response: 17469822  
Conc: 7.40 ng/ml