

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072922\  
 Data File : PL076740.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2022 15:34  
 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: Jul 29 00:08:42 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:22:48 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... | 3.422  | 2.643  | 58159509 | 148.6E6  | 56.354   | 50.113    |
| 28)                         | SA Decachlor... | 8.917  | 7.753  | 47131707 | 126.5E6  | 53.441   | 49.295    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.887  | 3.137  | 82410250 | 215.5E6  | 57.144   | 51.604    |
| 3)                          | MA gamma-BHC... | 4.223  | 3.462  | 76443924 | 195.6E6  | 56.616   | 51.321    |
| 4)                          | MA Heptachlor   | 4.800  | 3.796  | 73479117 | 188.8E6  | 54.753   | 50.006    |
| 5)                          | MB Aldrin       | 5.140  | 4.072  | 67850180 | 177.3E6  | 56.489   | 50.396    |
| 6)                          | B beta-BHC      | 4.434  | 3.760  | 33065943 | 83781589 | 55.411   | 49.410    |
| 7)                          | B delta-BHC     | 4.678  | 3.985  | 60905355 | 197.2E6  | 54.947   | 51.706    |
| 8)                          | B Heptachlo...  | 5.573  | 4.571  | 62378269 | 158.5E6  | 55.941   | 49.958    |
| 9)                          | A Endosulfan I  | 5.959  | 4.937  | 57895209 | 146.0E6  | 56.041   | 50.454    |
| 10)                         | B gamma-Chl...  | 5.829  | 4.820  | 62546703 | 161.2E6  | 56.411   | 50.370    |
| 11)                         | B alpha-Chl...  | 5.906  | 4.883  | 62129104 | 157.0E6  | 56.158   | 50.308    |
| 12)                         | B 4,4'-DDE      | 6.085  | 5.077  | 56155373 | 152.1E6  | 57.212   | 51.177    |
| 13)                         | MA Dieldrin     | 6.237  | 5.201  | 59227125 | 154.9E6  | 56.275   | 49.906    |
| 14)                         | MA Endrin       | 6.469  | 5.473  | 48370652 | 119.2E6  | 50.355   | 47.484    |
| 15)                         | B Endosulfa...  | 6.696  | 5.769  | 49501298 | 124.2E6  | 55.153   | 51.800    |
| 16)                         | A 4,4'-DDD      | 6.609  | 5.630  | 48657934 | 127.3E6  | 58.367   | 53.720    |
| 17)                         | MA 4,4'-DDT     | 6.920  | 5.879  | 46579975 | 115.0E6  | 51.258   | 47.850    |
| 18)                         | B Endrin al...  | 6.828  | 5.949  | 40729270 | 95405636 | 55.867   | 50.639    |
| 19)                         | B Endosulfa...  | 7.060  | 6.171  | 50196832 | 124.8E6  | 55.818   | 50.737    |
| 20)                         | A Methoxychlor  | 7.401  | 6.458  | 25486499 | 60323419 | 50.366   | 46.122    |
| 21)                         | B Endrin ke...  | 7.549  | 6.672  | 56589113 | 142.2E6  | 55.338   | 52.409    |
| 22)                         | Mirex           | 8.010  | 6.849  | 41203307 | 99718528 | 53.269   | 49.724    |
| 23)                         | Chlordane-1     | 0.000  | 3.639f | 0        | 294483   | N.D.     | 3.259 #   |
| 24)                         | Chlordane-2     | 5.140f | 4.179  | 67850180 | 318337   | 1852.894 | 3.057 #   |
| 25)                         | Chlordane-3     | 5.829  | 4.820  | 62546703 | 161.2E6  | 451.440  | 569.446 # |
| 26)                         | Chlordane-4     | 5.906  | 4.883  | 62129104 | 157.0E6  | 362.286  | 528.875 # |
| 27)                         | Chlordane-5     | 0.000  | 5.549  | 0        | 247170   | N.D.     | 3.087 #   |
| -----                       |                 |        |        |          |          |          |           |

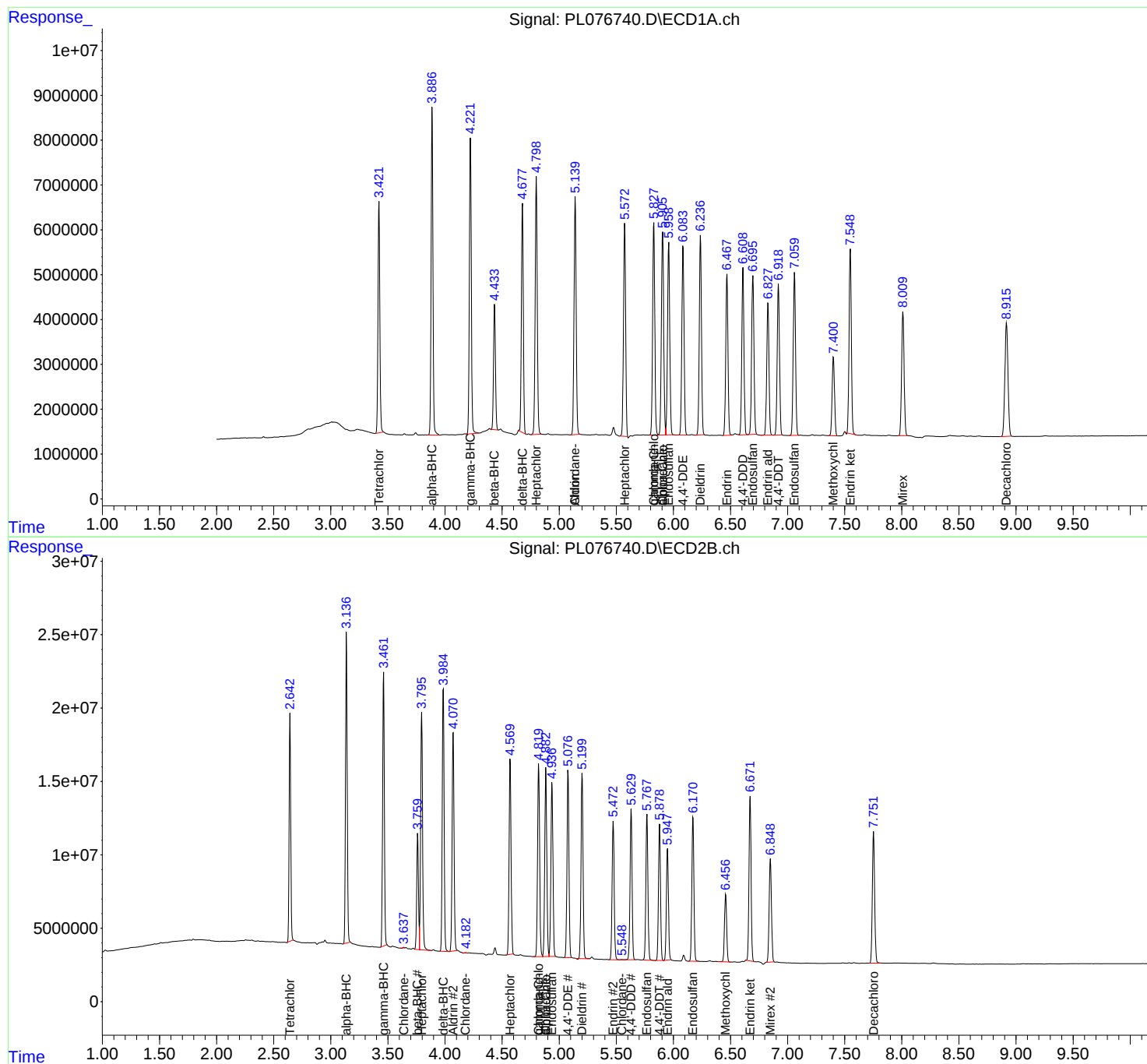
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

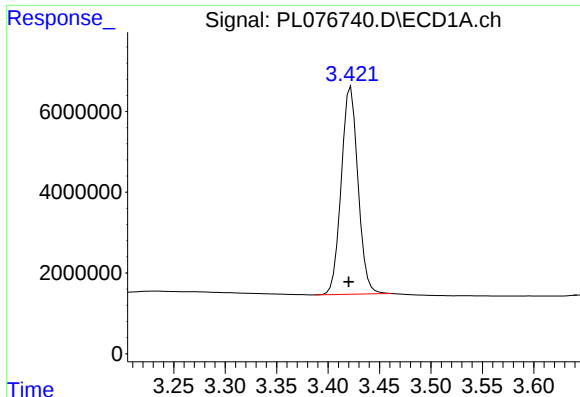
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072922\  
Data File : PL076740.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2022 15:34  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 00:08:42 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 05:22:48 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

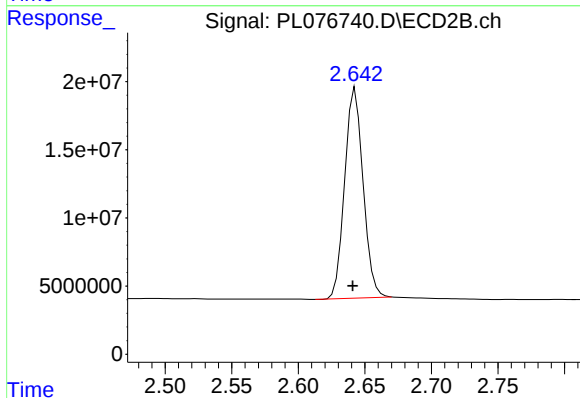




#1 Tetrachloro-m-xylene

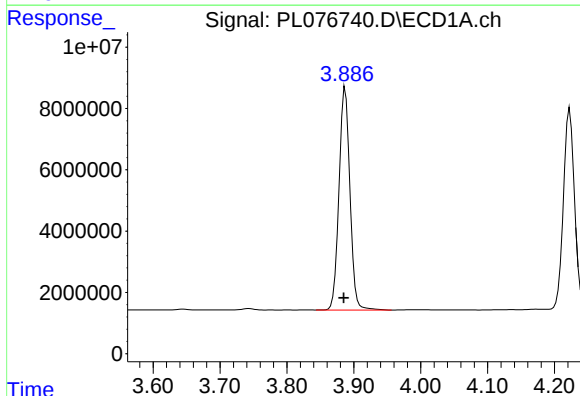
R.T.: 3.422 min  
Delta R.T.: 0.002 min  
Response: 58159509  
Conc: 56.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



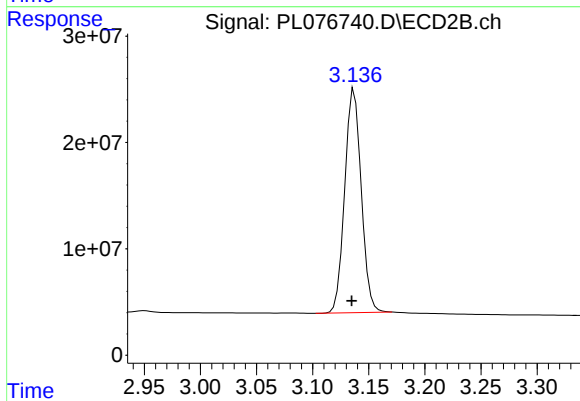
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: 0.002 min  
Response: 148646156  
Conc: 50.11 ng/ml



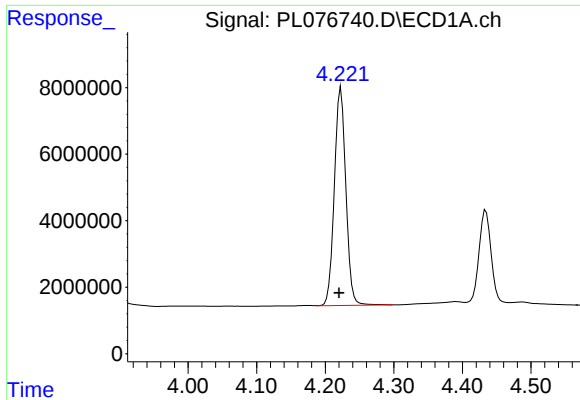
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: 0.002 min  
Response: 82410250  
Conc: 57.14 ng/ml



#2 alpha-BHC

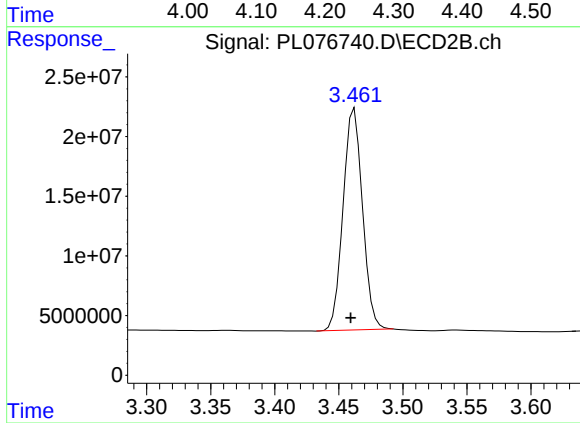
R.T.: 3.137 min  
Delta R.T.: 0.002 min  
Response: 215454030  
Conc: 51.60 ng/ml



#3 gamma-BHC (Lindane)

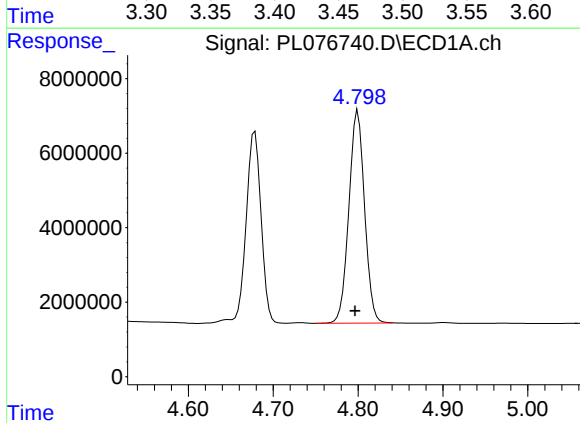
R.T.: 4.223 min  
Delta R.T.: 0.003 min  
Response: 76443924  
Conc: 56.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



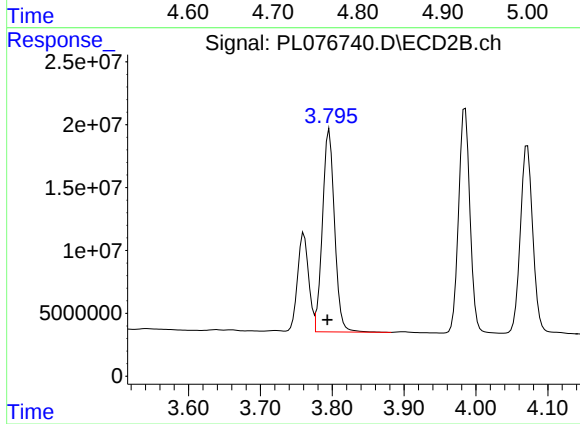
#3 gamma-BHC (Lindane)

R.T.: 3.462 min  
Delta R.T.: 0.003 min  
Response: 195603768  
Conc: 51.32 ng/ml



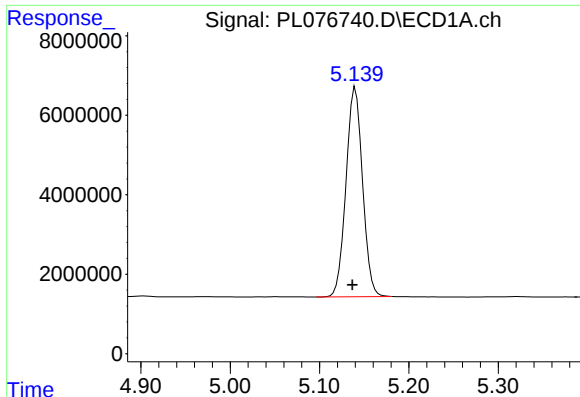
#4 Heptachlor

R.T.: 4.800 min  
Delta R.T.: 0.003 min  
Response: 73479117  
Conc: 54.75 ng/ml



#4 Heptachlor

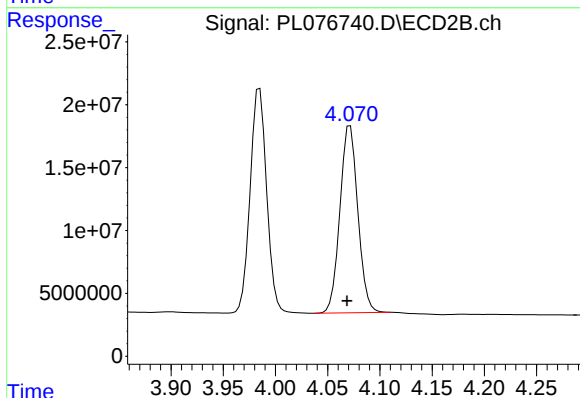
R.T.: 3.796 min  
Delta R.T.: 0.003 min  
Response: 188814907  
Conc: 50.01 ng/ml



#5 Aldrin

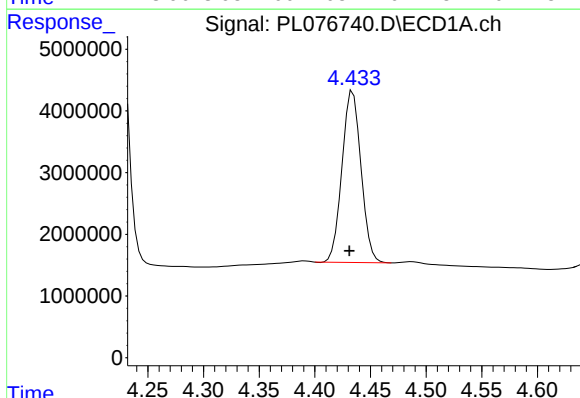
R.T.: 5.140 min  
Delta R.T.: 0.003 min  
Response: 67850180  
Conc: 56.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



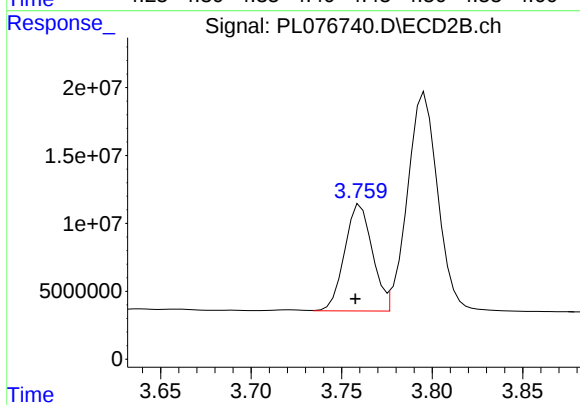
#5 Aldrin

R.T.: 4.072 min  
Delta R.T.: 0.003 min  
Response: 177285320  
Conc: 50.40 ng/ml



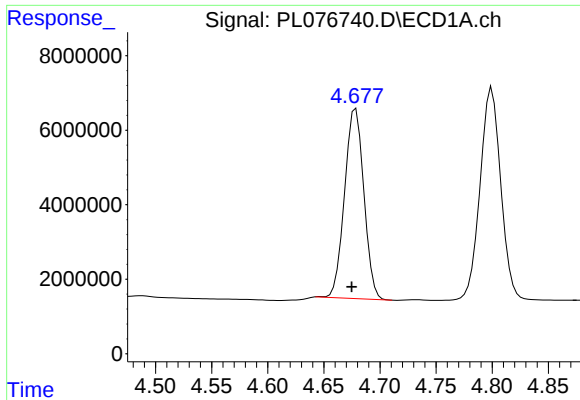
#6 beta-BHC

R.T.: 4.434 min  
Delta R.T.: 0.003 min  
Response: 33065943  
Conc: 55.41 ng/ml



#6 beta-BHC

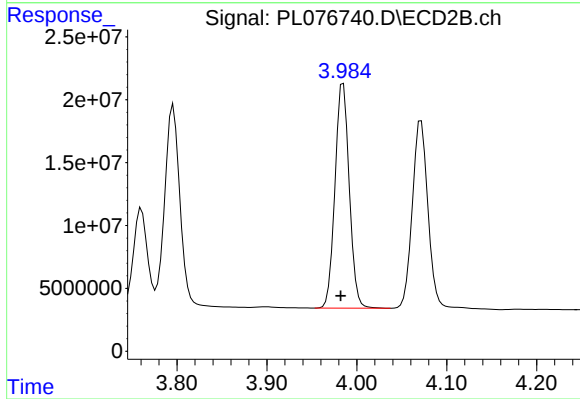
R.T.: 3.760 min  
Delta R.T.: 0.003 min  
Response: 83781589  
Conc: 49.41 ng/ml



#7 delta-BHC

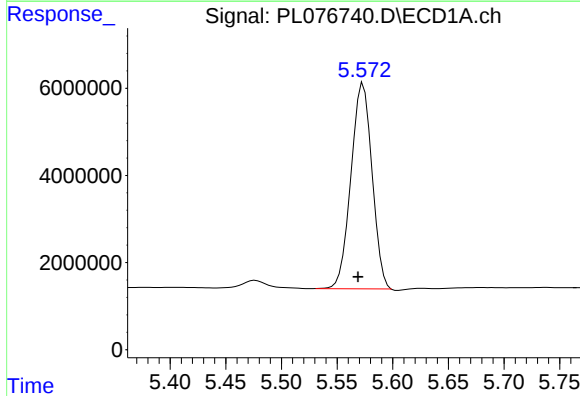
R.T.: 4.678 min  
Delta R.T.: 0.004 min  
Response: 60905355  
Conc: 54.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



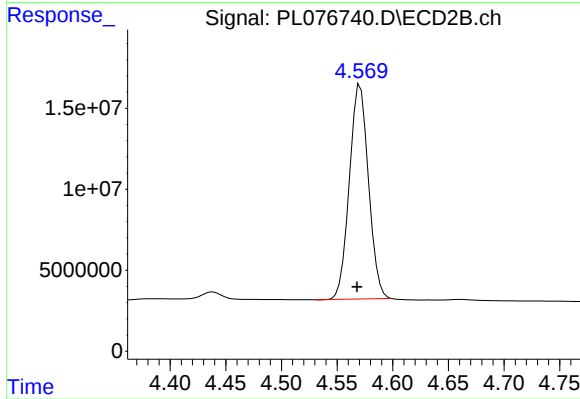
#7 delta-BHC

R.T.: 3.985 min  
Delta R.T.: 0.003 min  
Response: 197172645  
Conc: 51.71 ng/ml



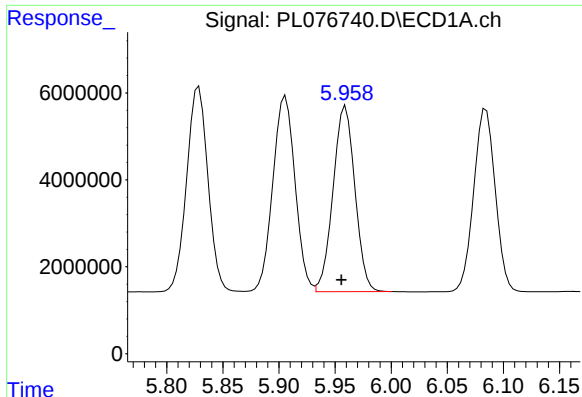
#8 Heptachlor epoxide

R.T.: 5.573 min  
Delta R.T.: 0.004 min  
Response: 62378269  
Conc: 55.94 ng/ml



#8 Heptachlor epoxide

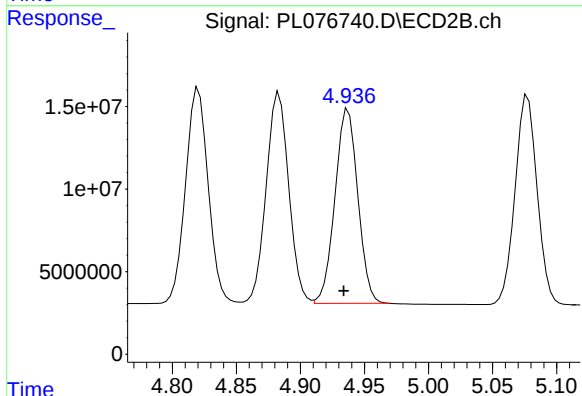
R.T.: 4.571 min  
Delta R.T.: 0.003 min  
Response: 158453754  
Conc: 49.96 ng/ml



#9 Endosulfan I

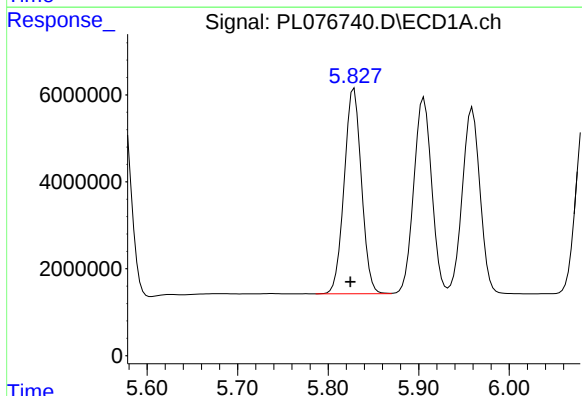
R.T.: 5.959 min  
Delta R.T.: 0.004 min  
Response: 57895209  
Conc: 56.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



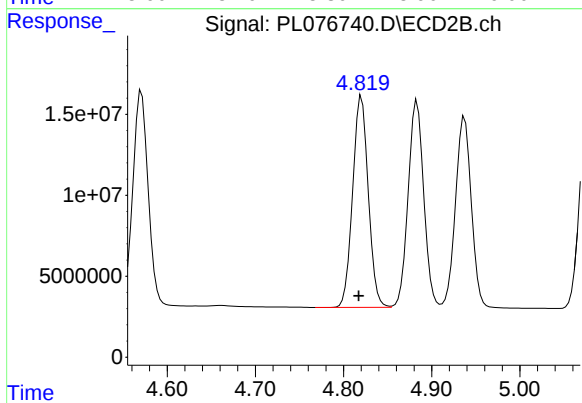
#9 Endosulfan I

R.T.: 4.937 min  
Delta R.T.: 0.004 min  
Response: 145999122  
Conc: 50.45 ng/ml



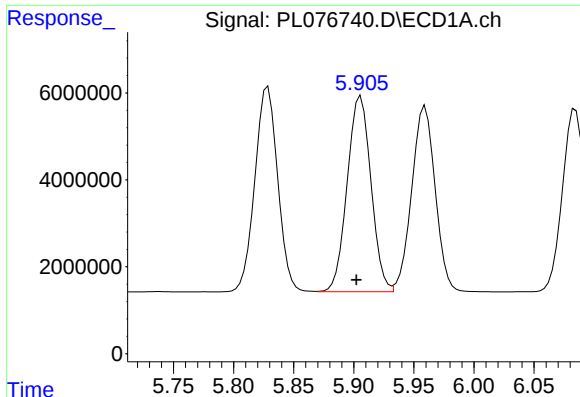
#10 gamma-Chlordane

R.T.: 5.829 min  
Delta R.T.: 0.004 min  
Response: 62546703  
Conc: 56.41 ng/ml



#10 gamma-Chlordane

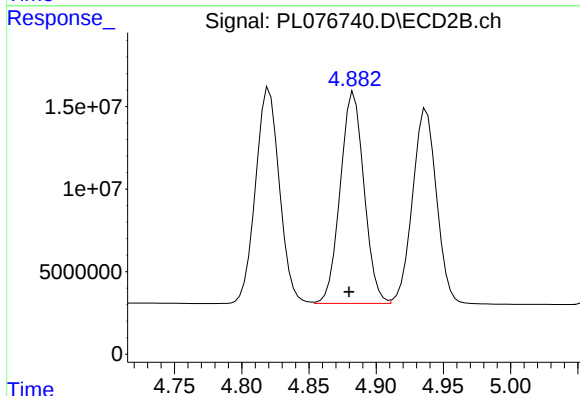
R.T.: 4.820 min  
Delta R.T.: 0.003 min  
Response: 161207568  
Conc: 50.37 ng/ml



#11 alpha-Chlordane

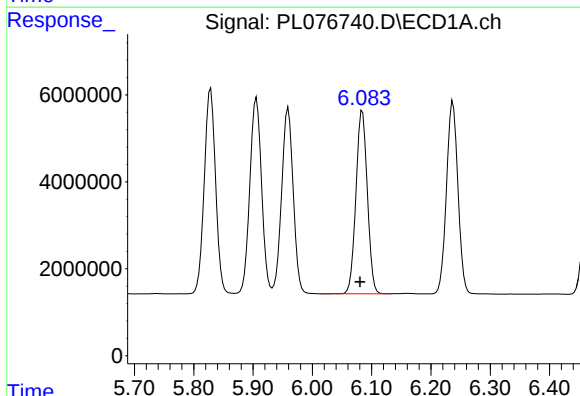
R.T.: 5.906 min  
Delta R.T.: 0.004 min  
Response: 62129104  
Conc: 56.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



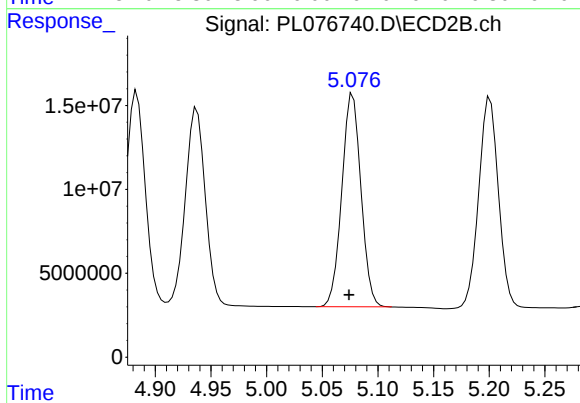
#11 alpha-Chlordane

R.T.: 4.883 min  
Delta R.T.: 0.003 min  
Response: 157005111  
Conc: 50.31 ng/ml



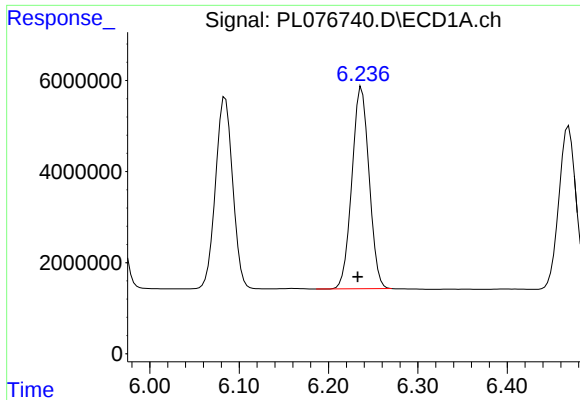
#12 4,4'-DDE

R.T.: 6.085 min  
Delta R.T.: 0.004 min  
Response: 56155373  
Conc: 57.21 ng/ml



#12 4,4'-DDE

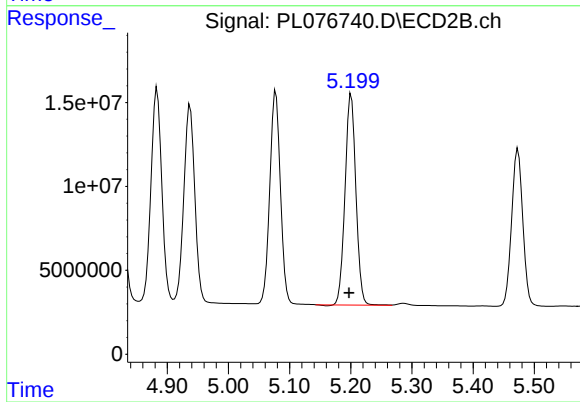
R.T.: 5.077 min  
Delta R.T.: 0.003 min  
Response: 152103006  
Conc: 51.18 ng/ml



#13 Dieldrin

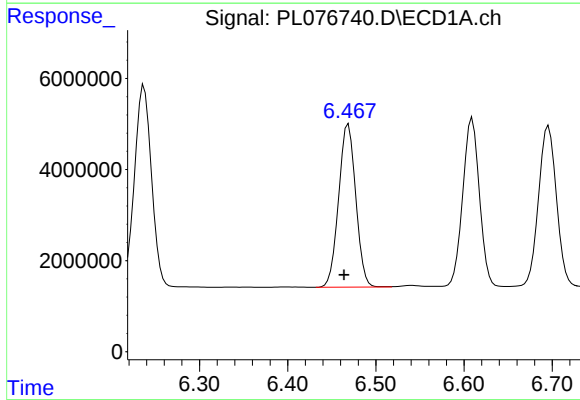
R.T.: 6.237 min  
Delta R.T.: 0.004 min  
Response: 59227125  
Conc: 56.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



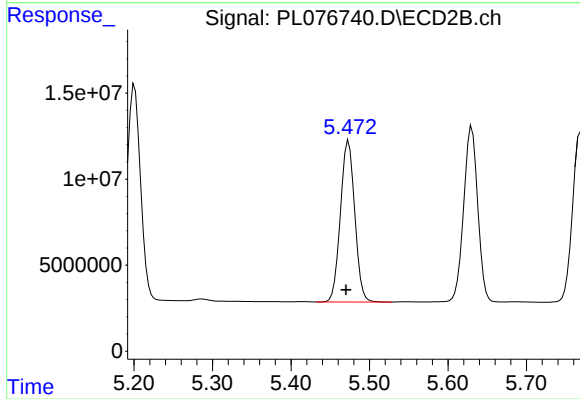
#13 Dieldrin

R.T.: 5.201 min  
Delta R.T.: 0.004 min  
Response: 154860008  
Conc: 49.91 ng/ml



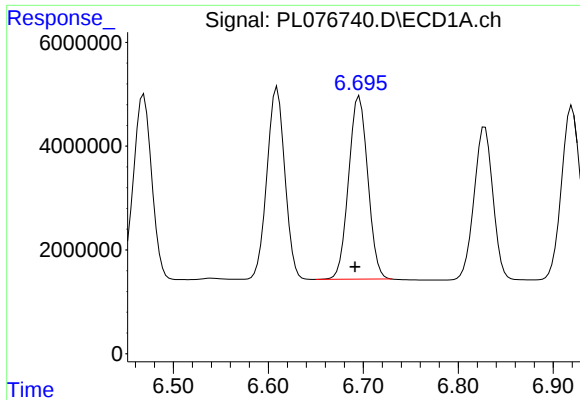
#14 Endrin

R.T.: 6.469 min  
Delta R.T.: 0.005 min  
Response: 48370652  
Conc: 50.36 ng/ml



#14 Endrin

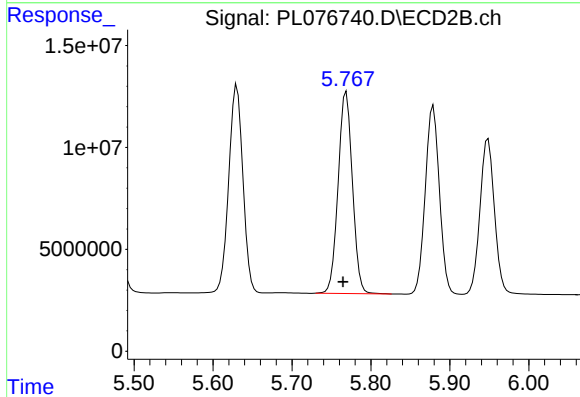
R.T.: 5.473 min  
Delta R.T.: 0.003 min  
Response: 119208515  
Conc: 47.48 ng/ml



#15 Endosulfan II

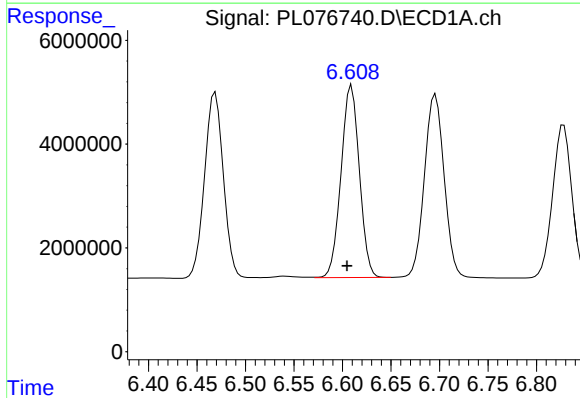
R.T.: 6.696 min  
Delta R.T.: 0.004 min  
Response: 49501298  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



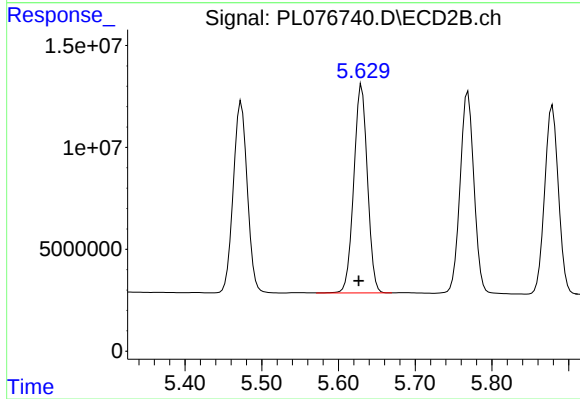
#15 Endosulfan II

R.T.: 5.769 min  
Delta R.T.: 0.004 min  
Response: 124219466  
Conc: 51.80 ng/ml



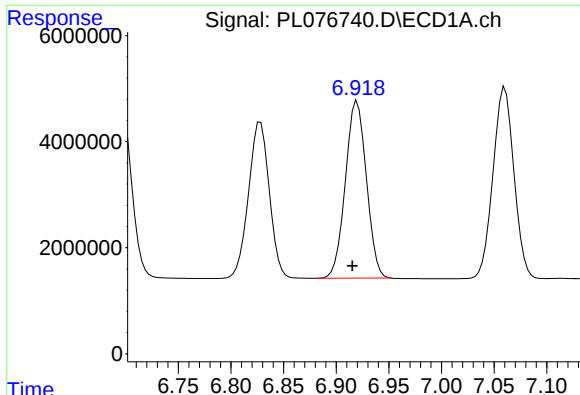
#16 4,4'-DDD

R.T.: 6.609 min  
Delta R.T.: 0.005 min  
Response: 48657934  
Conc: 58.37 ng/ml



#16 4,4'-DDD

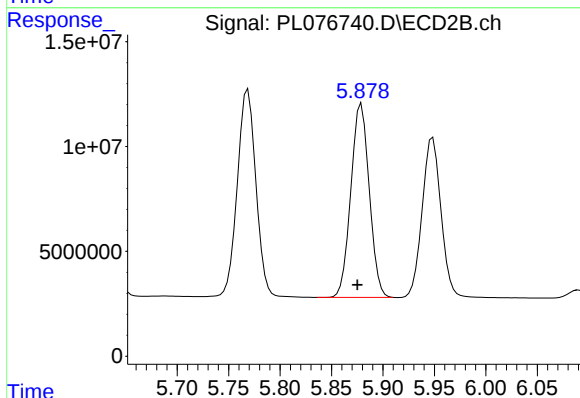
R.T.: 5.630 min  
Delta R.T.: 0.004 min  
Response: 127264188  
Conc: 53.72 ng/ml



#17 4,4'-DDT

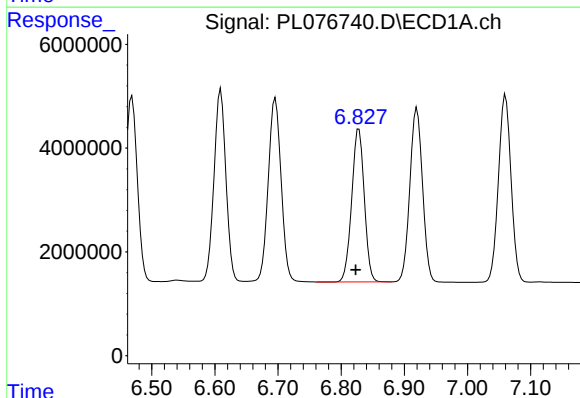
R.T.: 6.920 min  
Delta R.T.: 0.005 min  
Response: 46579975  
Conc: 51.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



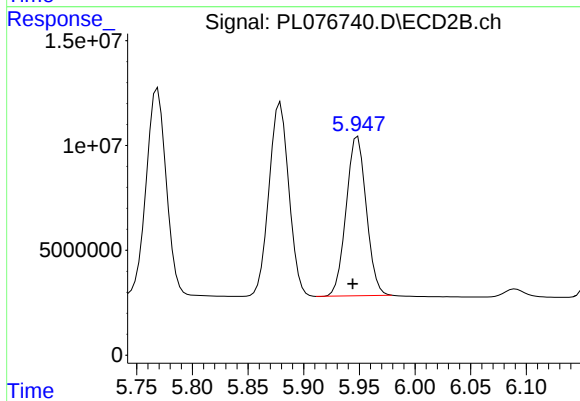
#17 4,4'-DDT

R.T.: 5.879 min  
Delta R.T.: 0.004 min  
Response: 114965416  
Conc: 47.85 ng/ml



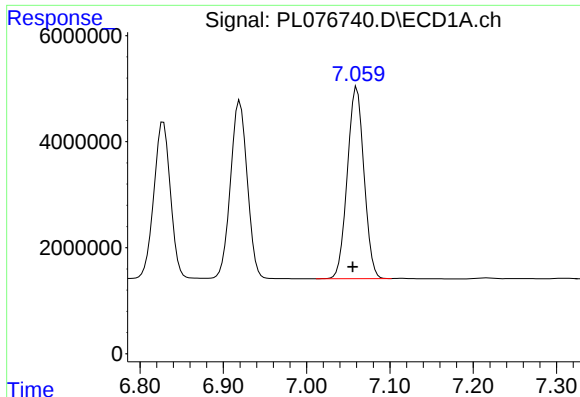
#18 Endrin aldehyde

R.T.: 6.828 min  
Delta R.T.: 0.005 min  
Response: 40729270  
Conc: 55.87 ng/ml



#18 Endrin aldehyde

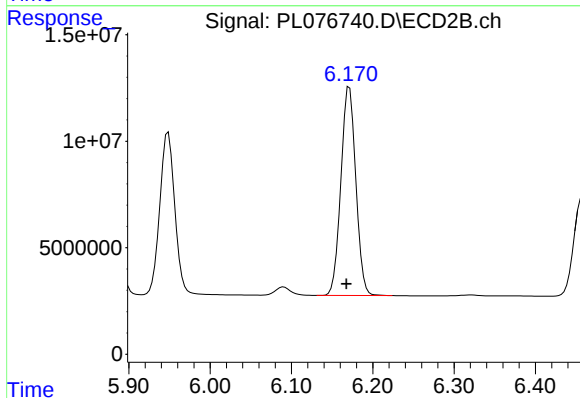
R.T.: 5.949 min  
Delta R.T.: 0.004 min  
Response: 95405636  
Conc: 50.64 ng/ml



#19 Endosulfan Sulfate

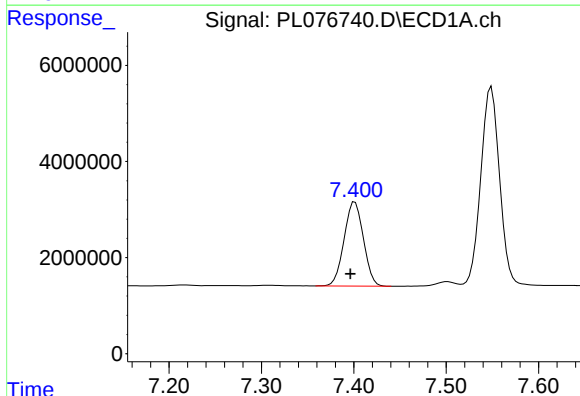
R.T.: 7.060 min  
Delta R.T.: 0.005 min  
Response: 50196832  
Conc: 55.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



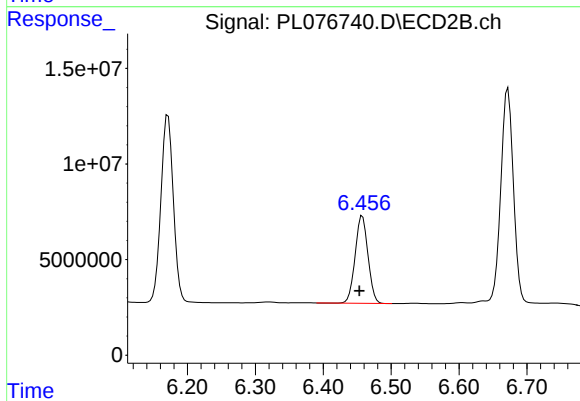
#19 Endosulfan Sulfate

R.T.: 6.171 min  
Delta R.T.: 0.004 min  
Response: 124798492  
Conc: 50.74 ng/ml



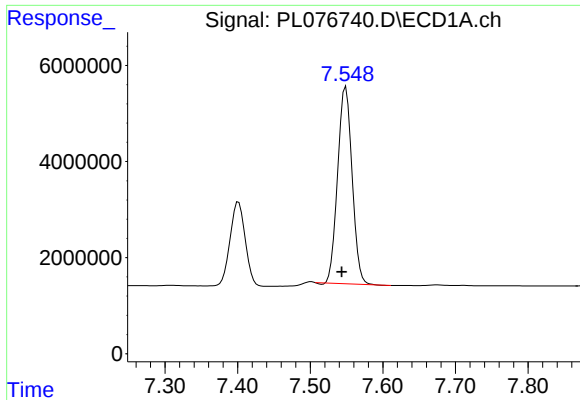
#20 Methoxychlor

R.T.: 7.401 min  
Delta R.T.: 0.005 min  
Response: 25486499  
Conc: 50.37 ng/ml



#20 Methoxychlor

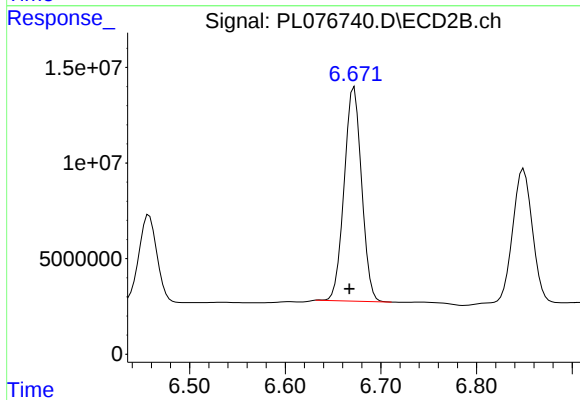
R.T.: 6.458 min  
Delta R.T.: 0.004 min  
Response: 60323419  
Conc: 46.12 ng/ml



#21 Endrin ketone

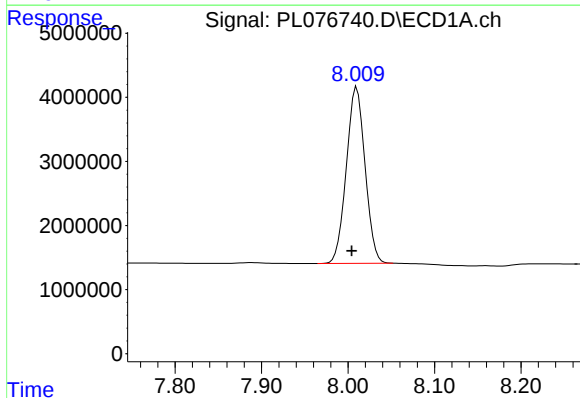
R.T.: 7.549 min  
Delta R.T.: 0.005 min  
Response: 56589113  
Conc: 55.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



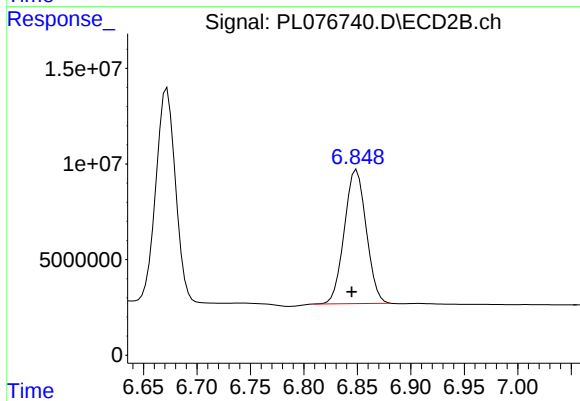
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: 0.005 min  
Response: 142243886  
Conc: 52.41 ng/ml



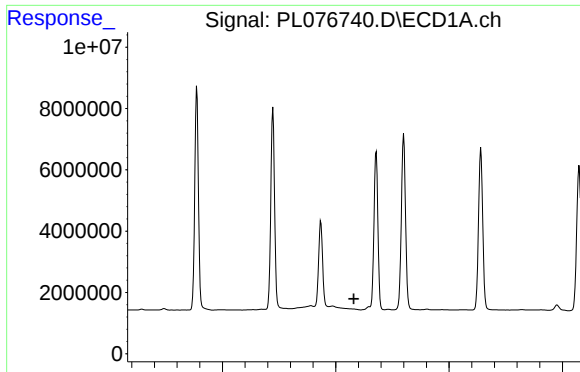
#22 Mirex

R.T.: 8.010 min  
Delta R.T.: 0.006 min  
Response: 41203307  
Conc: 53.27 ng/ml



#22 Mirex

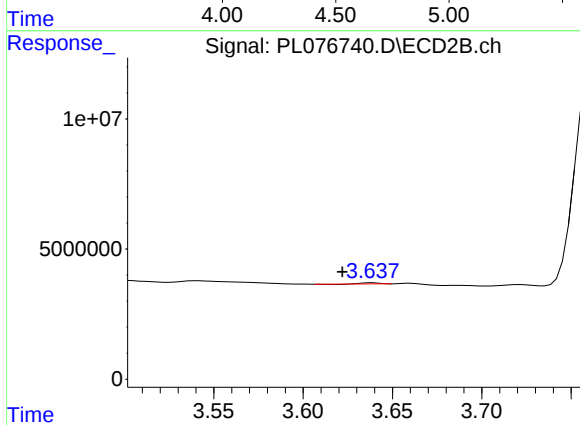
R.T.: 6.849 min  
Delta R.T.: 0.005 min  
Response: 99718528  
Conc: 49.72 ng/ml



#23 Chlordane-1

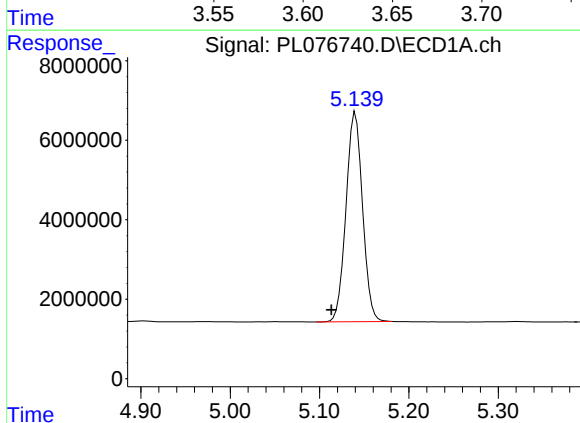
R.T.: 0.000 min  
Exp R.T.: 4.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



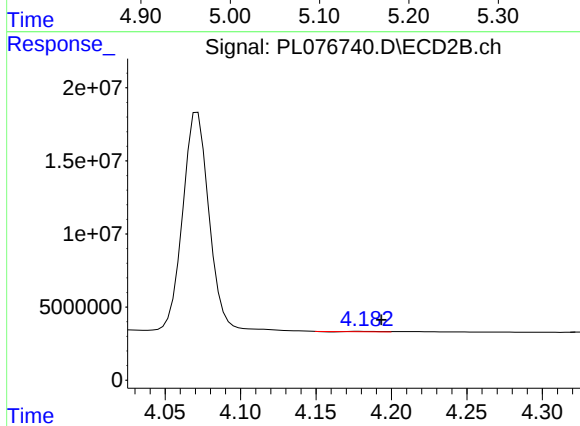
#23 Chlordane-1

R.T.: 3.639 min  
Delta R.T.: 0.017 min  
Response: 294483  
Conc: 3.26 ng/ml



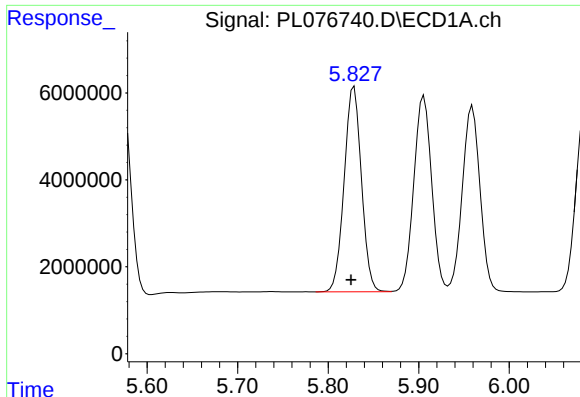
#24 Chlordane-2

R.T.: 5.140 min  
Delta R.T.: 0.027 min  
Response: 67850180  
Conc: 1852.89 ng/ml



#24 Chlordane-2

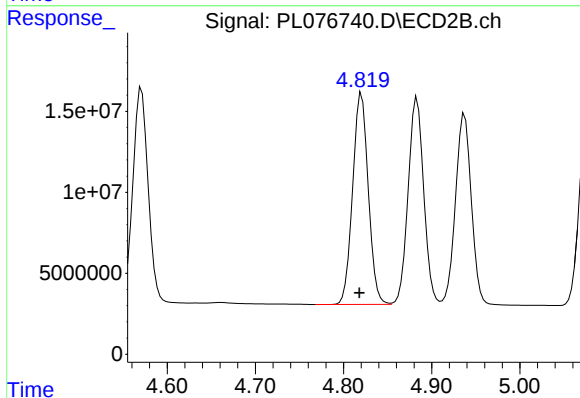
R.T.: 4.179 min  
Delta R.T.: -0.014 min  
Response: 318337  
Conc: 3.06 ng/ml



#25 Chlordane-3

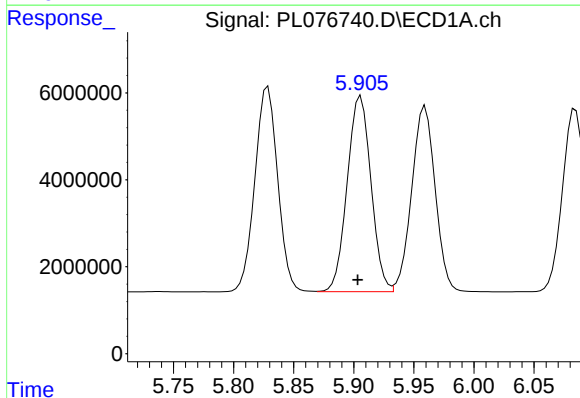
R.T.: 5.829 min  
Delta R.T.: 0.003 min  
Response: 62546703  
Conc: 451.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



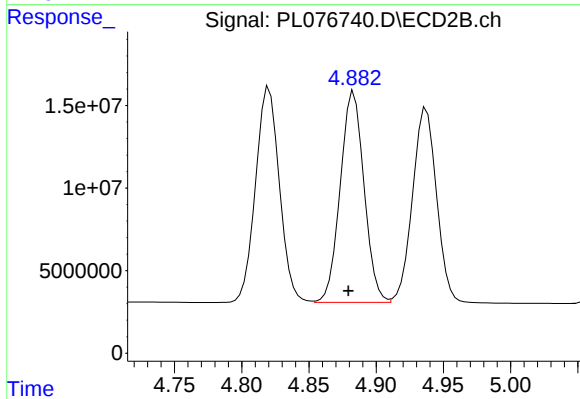
#25 Chlordane-3

R.T.: 4.820 min  
Delta R.T.: 0.002 min  
Response: 161207568  
Conc: 569.45 ng/ml



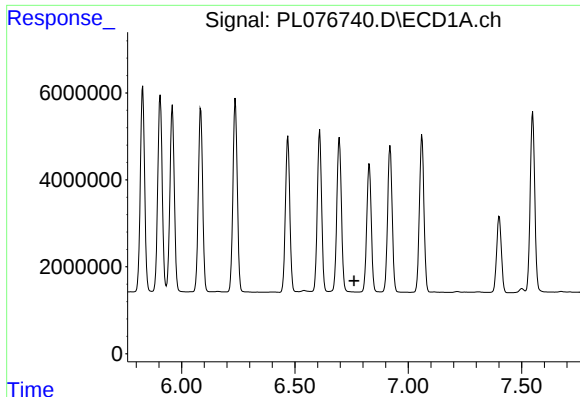
#26 Chlordane-4

R.T.: 5.906 min  
Delta R.T.: 0.003 min  
Response: 62129104  
Conc: 362.29 ng/ml



#26 Chlordane-4

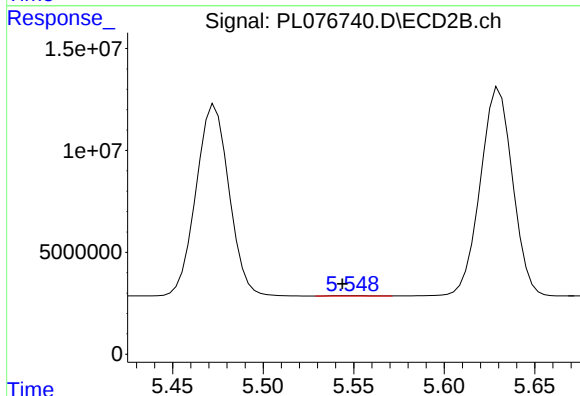
R.T.: 4.883 min  
Delta R.T.: 0.004 min  
Response: 157005111  
Conc: 528.88 ng/ml



#27 Chlordane-5

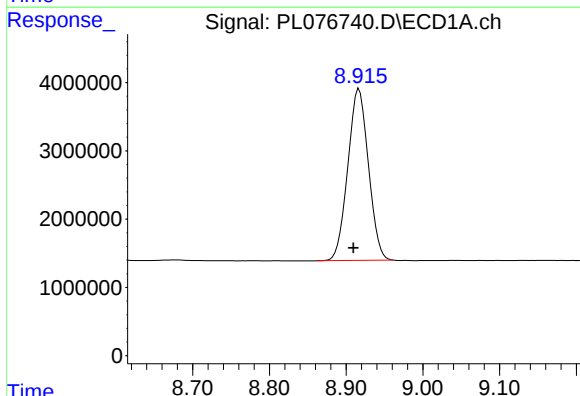
R.T.: 0.000 min  
Exp R.T.: 6.761 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



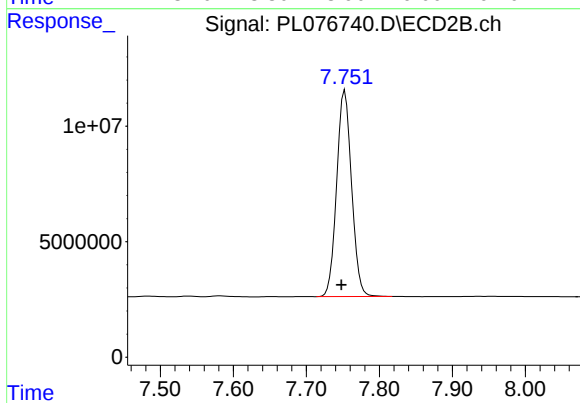
#27 Chlordane-5

R.T.: 5.549 min  
Delta R.T.: 0.005 min  
Response: 247170  
Conc: 3.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.917 min  
Delta R.T.: 0.008 min  
Response: 47131707  
Conc: 53.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min  
Delta R.T.: 0.005 min  
Response: 126528904  
Conc: 49.29 ng/ml