

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080122\  
 Data File : PL076831.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2022 20:44  
 Operator : AR\AJ  
 Sample : PB146587BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB146587BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 02 04:26:28 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 01 16:34:20 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... | 3.420  | 2.640 | 16328224 | 42754788 | 17.152   | 18.524    |
| 28)                         | SA Decachlor... | 8.910  | 7.747 | 15552710 | 39432982 | 19.572   | 20.511    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.885  | 3.134 | 66689204 | 176.8E6  | 48.451   | 53.262    |
| 3)                          | MA gamma-BHC... | 4.221  | 3.458 | 62881411 | 159.0E6  | 49.589   | 55.588    |
| 4)                          | MA Heptachlor   | 4.797  | 3.792 | 62879468 | 157.8E6  | 51.394   | 54.911    |
| 5)                          | MB Aldrin       | 5.137  | 4.067 | 56829915 | 148.3E6  | 48.817   | 53.338    |
| 6)                          | B beta-BHC      | 4.432  | 3.757 | 28167875 | 67562204 | 53.302   | 55.461    |
| 7)                          | B delta-BHC     | 4.676  | 3.981 | 54891117 | 162.5E6  | 58.319   | 53.055    |
| 8)                          | B Heptachlo...  | 5.570  | 4.566 | 50746166 | 134.0E6  | 54.281   | 54.796    |
| 9)                          | A Endosulfan I  | 5.956  | 4.932 | 49217877 | 122.5E6  | 51.244   | 57.685    |
| 10)                         | B gamma-Chl...  | 5.825  | 4.816 | 52602369 | 133.1E6  | 51.458   | 54.354    |
| 11)                         | B alpha-Chl...  | 5.902  | 4.878 | 52697085 | 130.3E6  | 50.274   | 54.316    |
| 12)                         | B 4,4'-DDE      | 6.081  | 5.072 | 47417785 | 127.2E6  | 50.235   | 54.600    |
| 13)                         | MA Dieldrin     | 6.233  | 5.195 | 50059624 | 128.3E6  | 49.026   | 52.911    |
| 14)                         | MA Endrin       | 6.465  | 5.468 | 44180844 | 114.5E6  | 47.957   | 52.891    |
| 15)                         | B Endosulfa...  | 6.693  | 5.764 | 42338160 | 106.8E6  | 47.236   | 48.384    |
| 16)                         | A 4,4'-DDD      | 6.606  | 5.625 | 41931332 | 103.4E6  | 49.062   | 55.374    |
| 17)                         | MA 4,4'-DDT     | 6.916  | 5.874 | 43294355 | 101.5E6  | 51.426   | 54.361    |
| 18)                         | B Endrin al...  | 6.823  | 5.943 | 33873760 | 78650751 | 46.034   | 48.802    |
| 19)                         | B Endosulfa...  | 7.056  | 6.166 | 43120866 | 104.2E6  | 50.128   | 54.320    |
| 20)                         | A Methoxychlor  | 7.397  | 6.452 | 23976557 | 54561139 | 49.769   | 53.449    |
| 21)                         | B Endrin ke...  | 7.544  | 6.666 | 47849560 | 114.7E6  | 51.346   | 54.961    |
| 22)                         | Mirex           | 8.005  | 6.843 | 36373252 | 84753038 | 49.239   | 52.613    |
| 24)                         | Chlordane-2     | 5.137f | 0.000 | 56829915 | 0        | 1364.923 | N.D. #    |
| 25)                         | Chlordane-3     | 5.825  | 4.816 | 52602369 | 133.1E6  | 325.815  | 482.692 # |
| 26)                         | Chlordane-4     | 5.902  | 4.878 | 52697085 | 130.3E6  | 268.552  | 451.778 # |
| -----                       |                 |        |       |          |          |          |           |

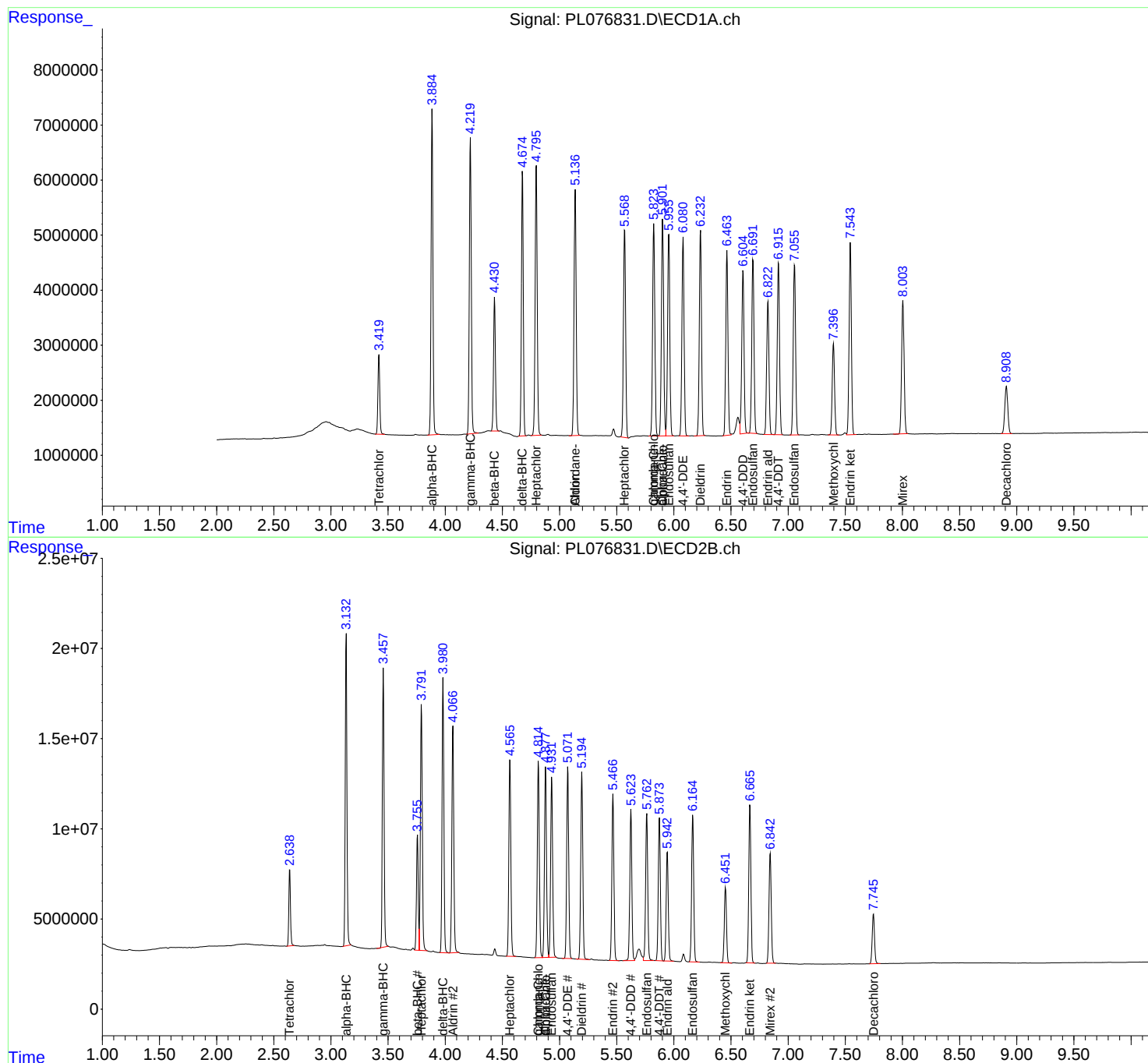
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

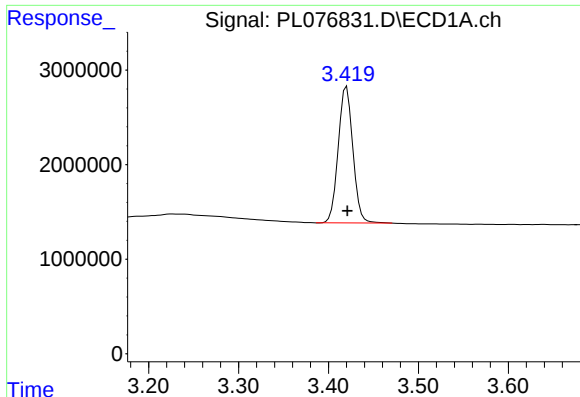
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080122\  
Data File : PL076831.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2022 20:44  
Operator : AR\AJ  
Sample : PB146587BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 02 04:26:28 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080122.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 01 16:34:20 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

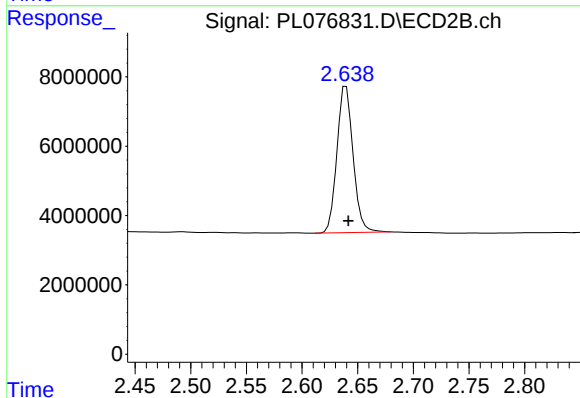




#1 Tetrachloro-m-xylene

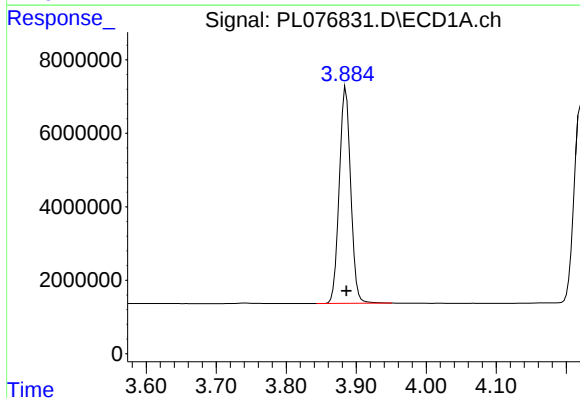
R.T.: 3.420 min  
Delta R.T.: 0.000 min  
Response: 16328224  
Conc: 17.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



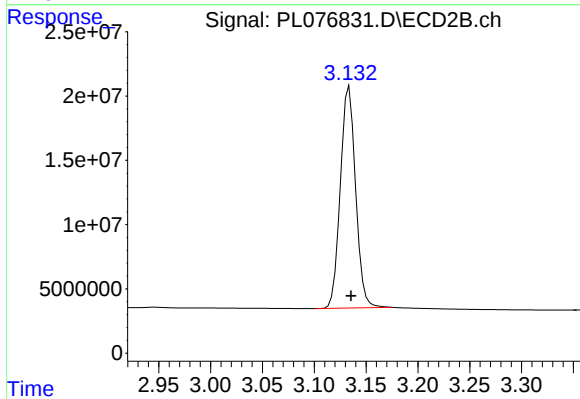
#1 Tetrachloro-m-xylene

R.T.: 2.640 min  
Delta R.T.: -0.002 min  
Response: 42754788  
Conc: 18.52 ng/ml



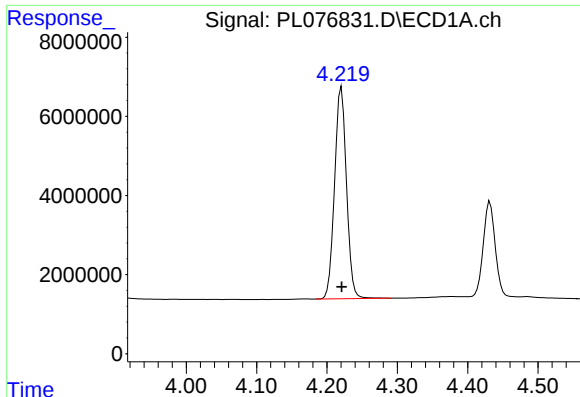
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: 0.000 min  
Response: 66689204  
Conc: 48.45 ng/ml



#2 alpha-BHC

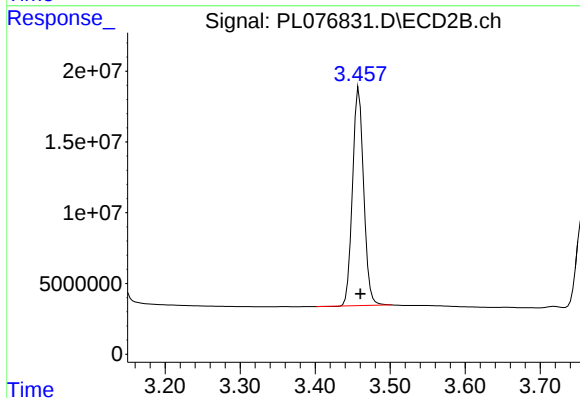
R.T.: 3.134 min  
Delta R.T.: -0.002 min  
Response: 176827008  
Conc: 53.26 ng/ml



#3 gamma-BHC (Lindane)

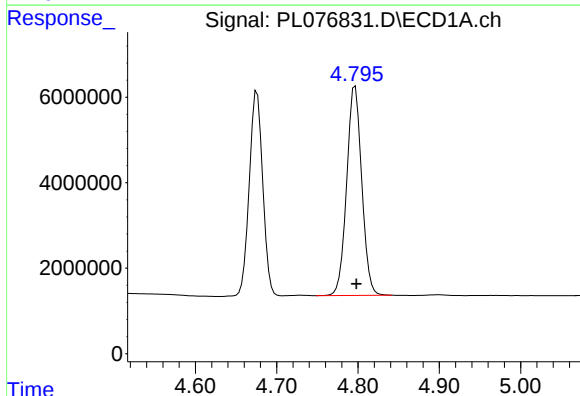
R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 62881411  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



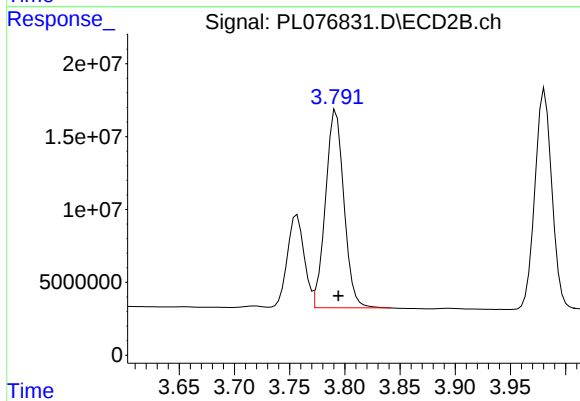
#3 gamma-BHC (Lindane)

R.T.: 3.458 min  
Delta R.T.: -0.002 min  
Response: 158975933  
Conc: 55.59 ng/ml



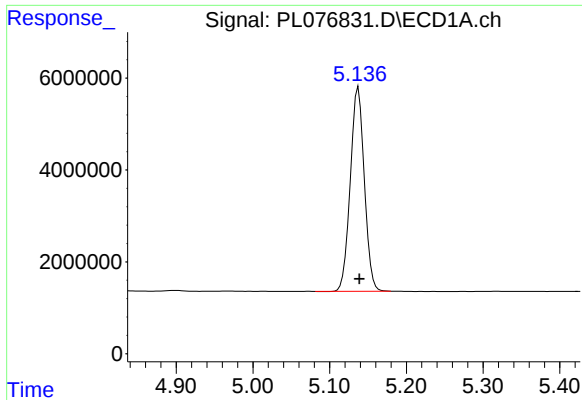
#4 Heptachlor

R.T.: 4.797 min  
Delta R.T.: -0.002 min  
Response: 62879468  
Conc: 51.39 ng/ml



#4 Heptachlor

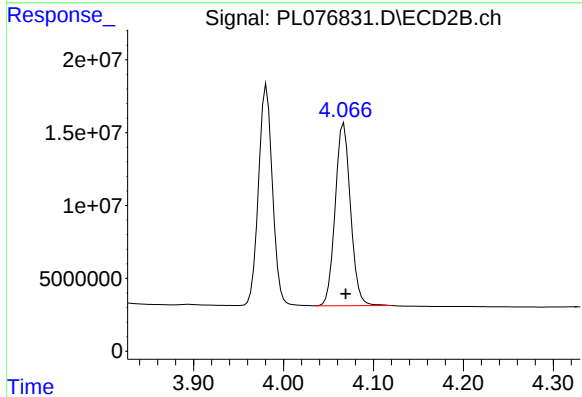
R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 157769357  
Conc: 54.91 ng/ml



#5 Aldrin

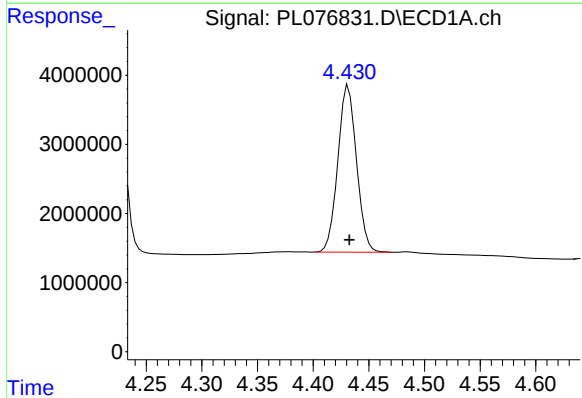
R.T.: 5.137 min  
Delta R.T.: -0.002 min  
Response: 56829915  
Conc: 48.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



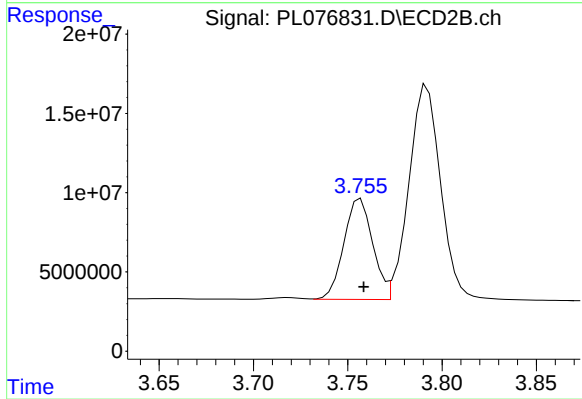
#5 Aldrin

R.T.: 4.067 min  
Delta R.T.: -0.002 min  
Response: 148295503  
Conc: 53.34 ng/ml



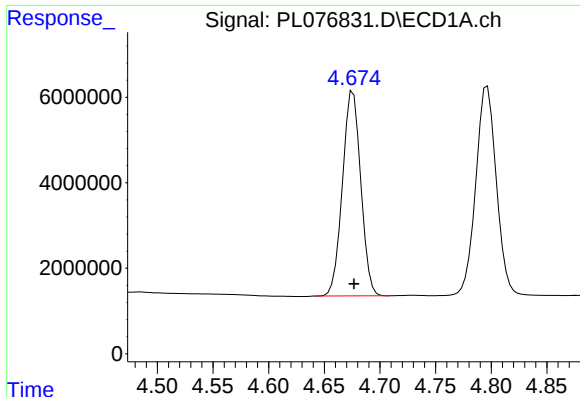
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: -0.001 min  
Response: 28167875  
Conc: 53.30 ng/ml



#6 beta-BHC

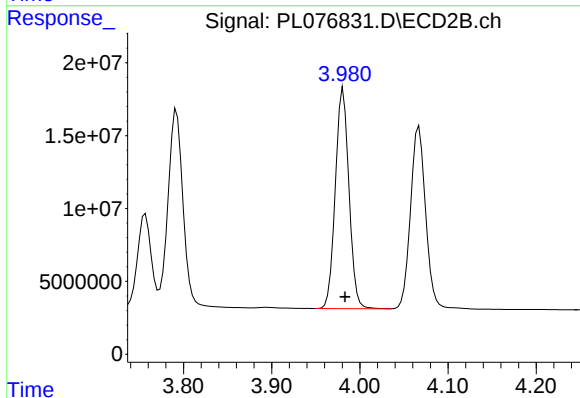
R.T.: 3.757 min  
Delta R.T.: -0.002 min  
Response: 67562204  
Conc: 55.46 ng/ml



#7 delta-BHC

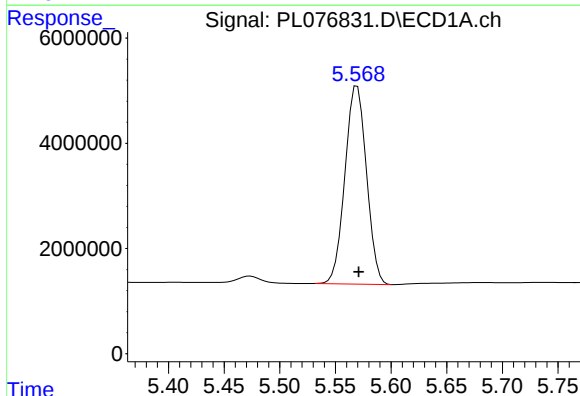
R.T.: 4.676 min  
Delta R.T.: -0.001 min  
Response: 54891117  
Conc: 58.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



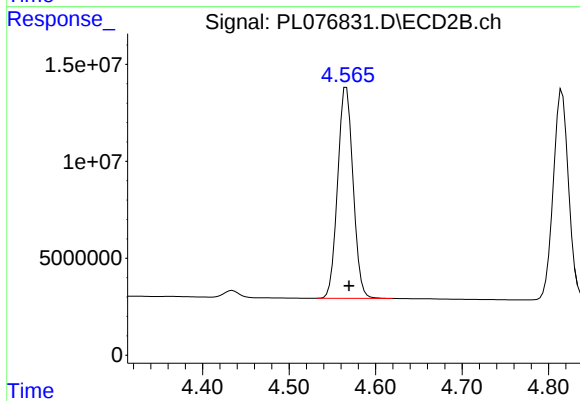
#7 delta-BHC

R.T.: 3.981 min  
Delta R.T.: -0.002 min  
Response: 162482343  
Conc: 53.05 ng/ml



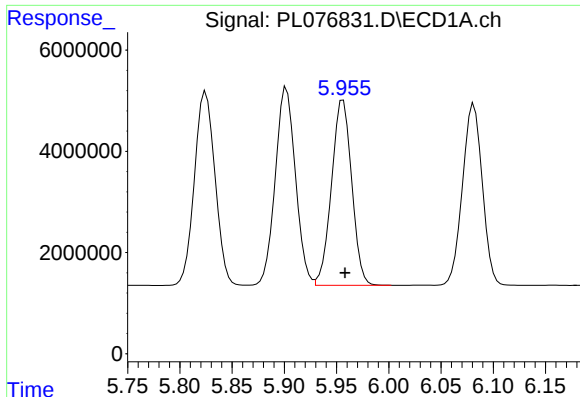
#8 Heptachlor epoxide

R.T.: 5.570 min  
Delta R.T.: -0.001 min  
Response: 50746166  
Conc: 54.28 ng/ml



#8 Heptachlor epoxide

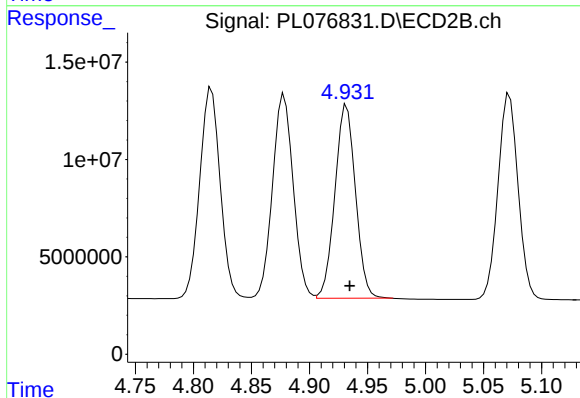
R.T.: 4.566 min  
Delta R.T.: -0.003 min  
Response: 134025345  
Conc: 54.80 ng/ml



#9 Endosulfan I

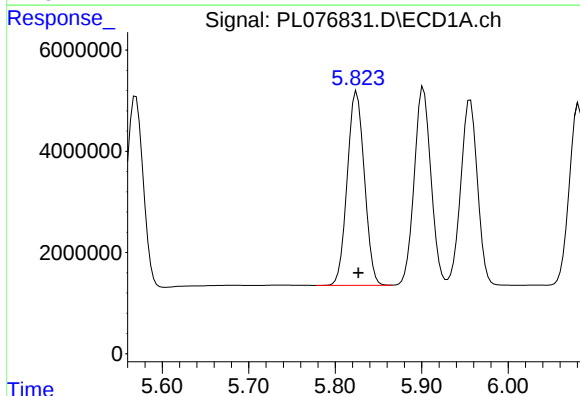
R.T.: 5.956 min  
Delta R.T.: -0.002 min  
Response: 49217877  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



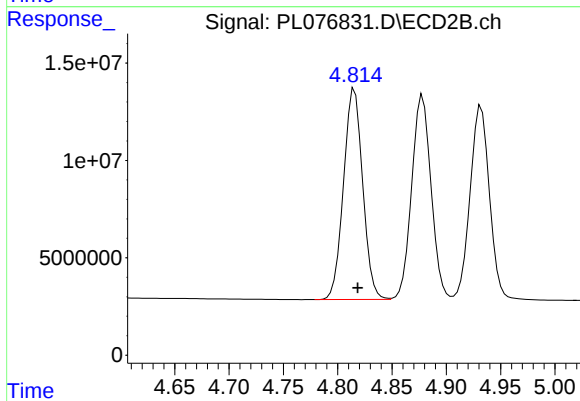
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.003 min  
Response: 122504725  
Conc: 57.69 ng/ml



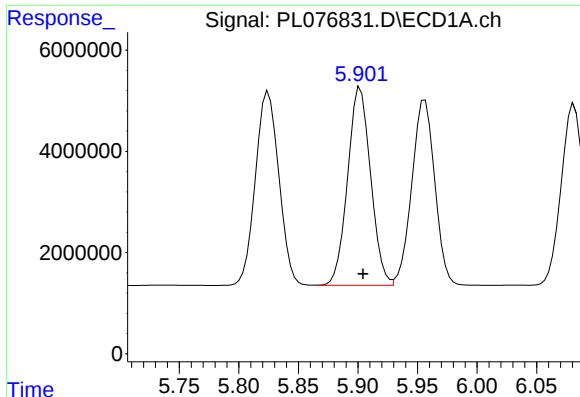
#10 gamma-Chlordane

R.T.: 5.825 min  
Delta R.T.: -0.002 min  
Response: 52602369  
Conc: 51.46 ng/ml



#10 gamma-Chlordane

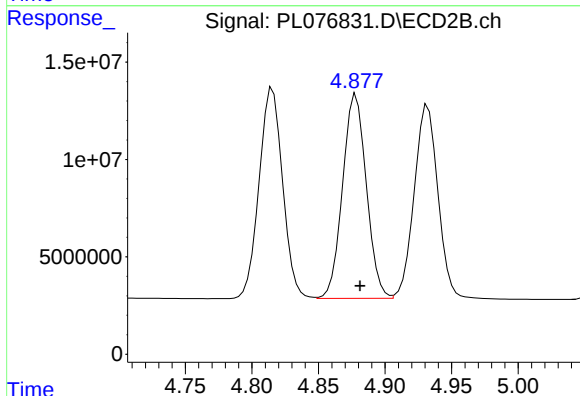
R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 133111641  
Conc: 54.35 ng/ml



#11 alpha-Chlordane

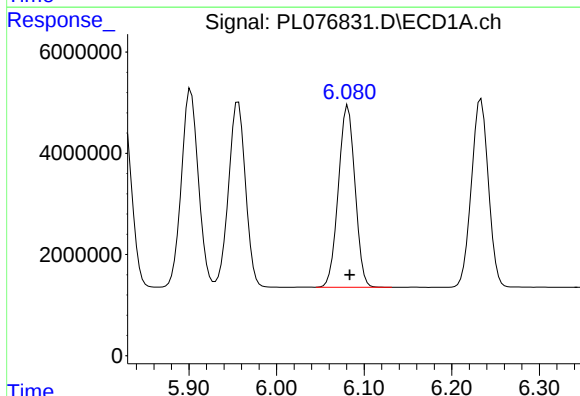
R.T.: 5.902 min  
Delta R.T.: -0.002 min  
Response: 52697085  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



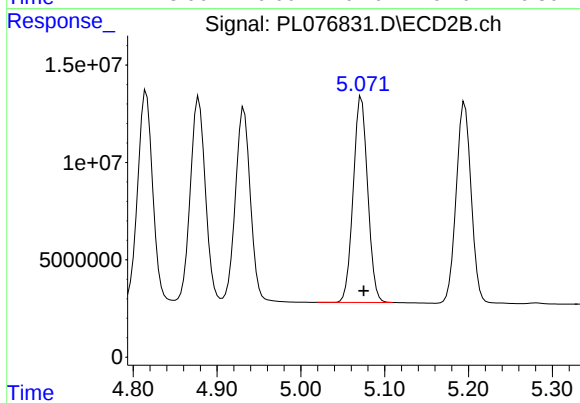
#11 alpha-Chlordane

R.T.: 4.878 min  
Delta R.T.: -0.003 min  
Response: 130321092  
Conc: 54.32 ng/ml



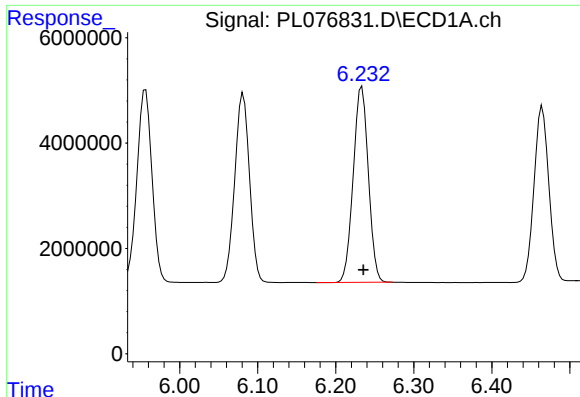
#12 4,4'-DDE

R.T.: 6.081 min  
Delta R.T.: -0.002 min  
Response: 47417785  
Conc: 50.24 ng/ml



#12 4,4'-DDE

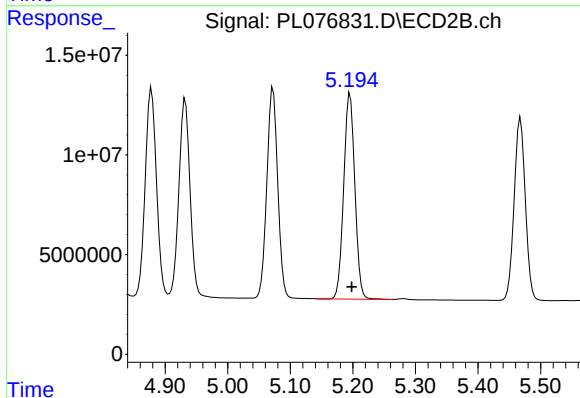
R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 127176340  
Conc: 54.60 ng/ml



#13 Dieldrin

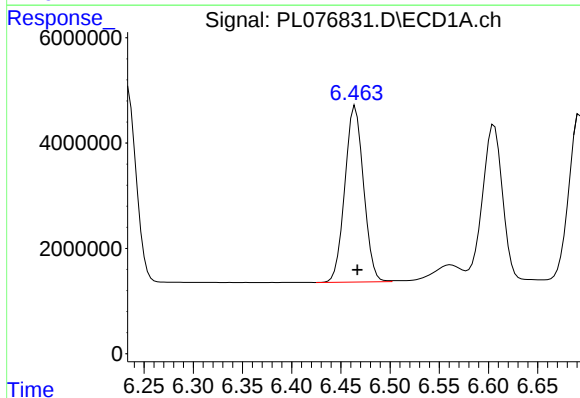
R.T.: 6.233 min  
Delta R.T.: -0.002 min  
Response: 50059624  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



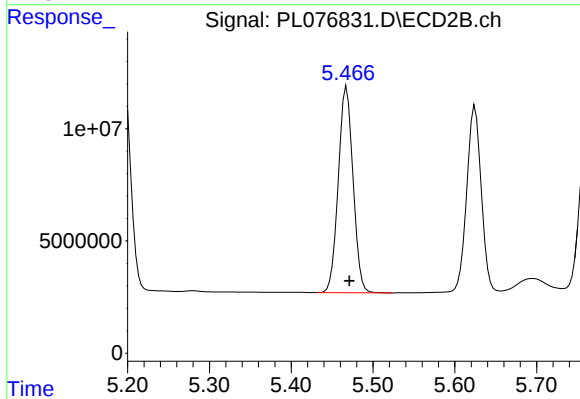
#13 Dieldrin

R.T.: 5.195 min  
Delta R.T.: -0.003 min  
Response: 128326184  
Conc: 52.91 ng/ml



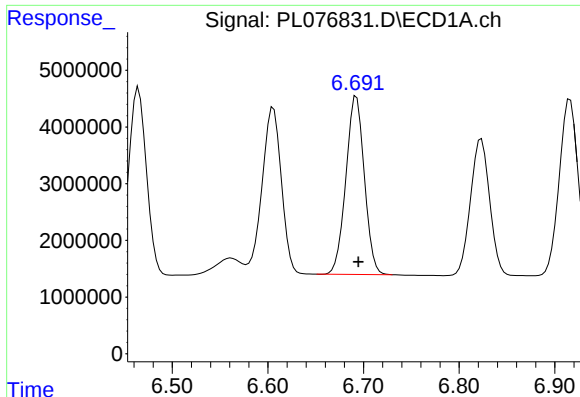
#14 Endrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 44180844  
Conc: 47.96 ng/ml



#14 Endrin

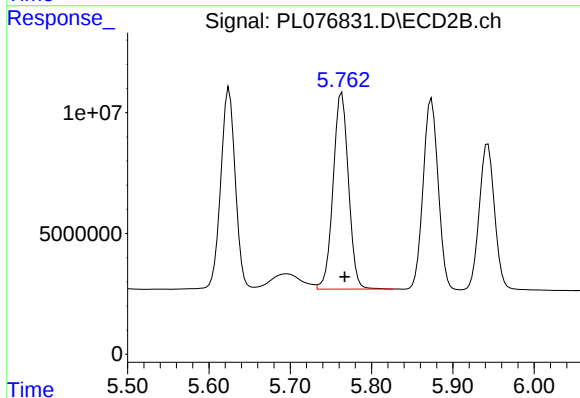
R.T.: 5.468 min  
Delta R.T.: -0.003 min  
Response: 114486383  
Conc: 52.89 ng/ml



#15 Endosulfan II

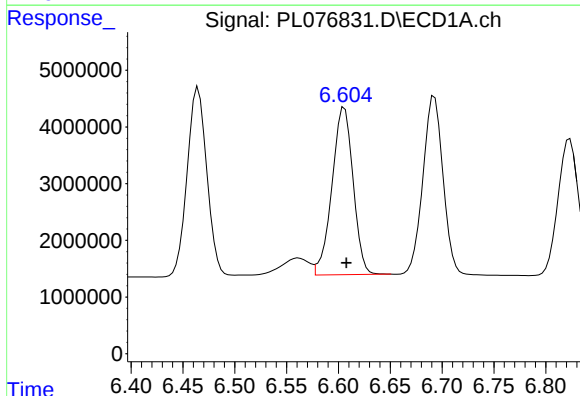
R.T.: 6.693 min  
Delta R.T.: -0.002 min  
Response: 42338160  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



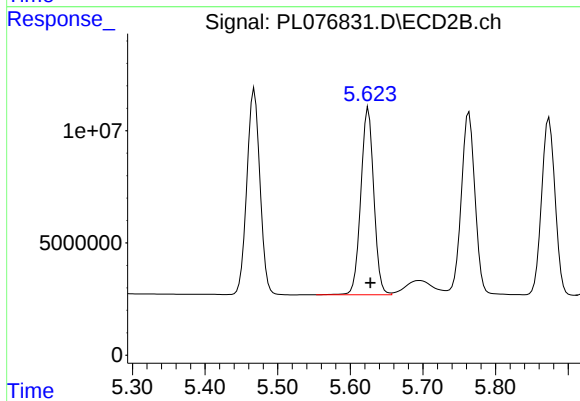
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: -0.003 min  
Response: 106813609  
Conc: 48.38 ng/ml



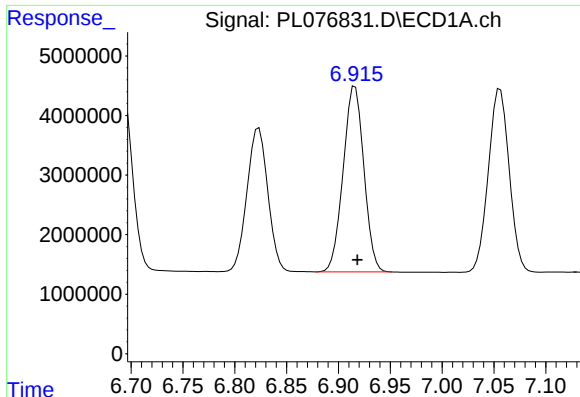
#16 4,4'-DDD

R.T.: 6.606 min  
Delta R.T.: -0.002 min  
Response: 41931332  
Conc: 49.06 ng/ml



#16 4,4'-DDD

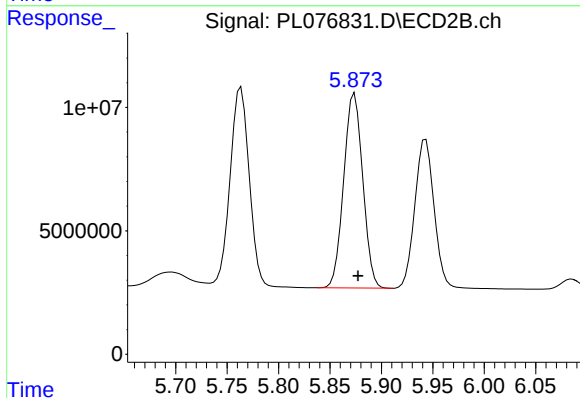
R.T.: 5.625 min  
Delta R.T.: -0.003 min  
Response: 103391262  
Conc: 55.37 ng/ml



#17 4,4'-DDT

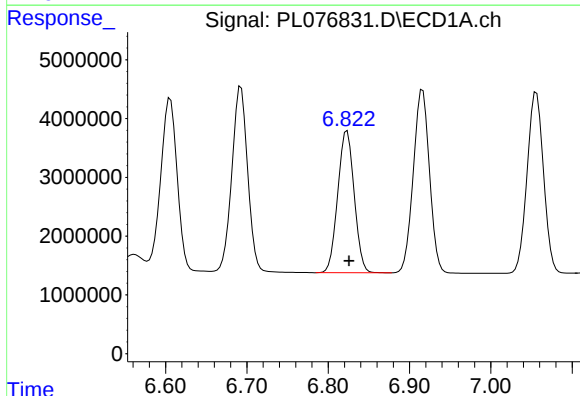
R.T.: 6.916 min  
Delta R.T.: -0.002 min  
Response: 43294355  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



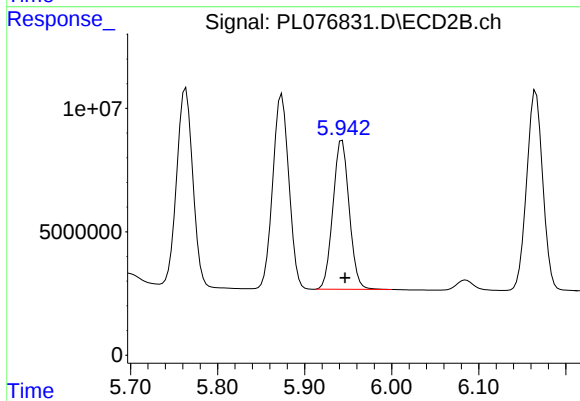
#17 4,4'-DDT

R.T.: 5.874 min  
Delta R.T.: -0.004 min  
Response: 101537978  
Conc: 54.36 ng/ml



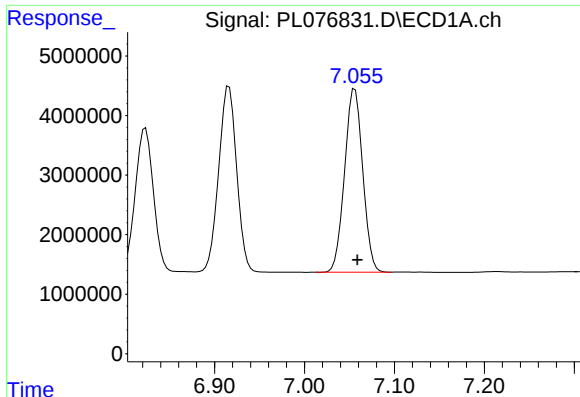
#18 Endrin aldehyde

R.T.: 6.823 min  
Delta R.T.: -0.002 min  
Response: 33873760  
Conc: 46.03 ng/ml



#18 Endrin aldehyde

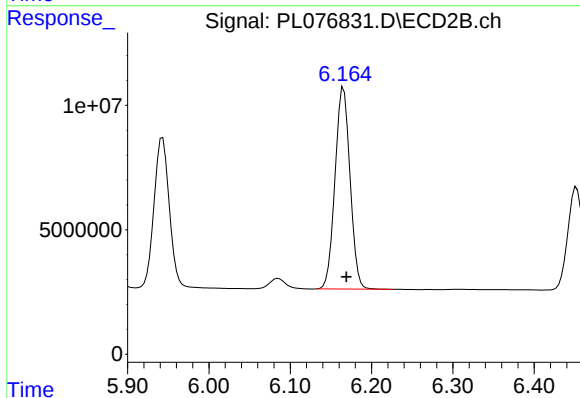
R.T.: 5.943 min  
Delta R.T.: -0.003 min  
Response: 78650751  
Conc: 48.80 ng/ml



#19 Endosulfan Sulfate

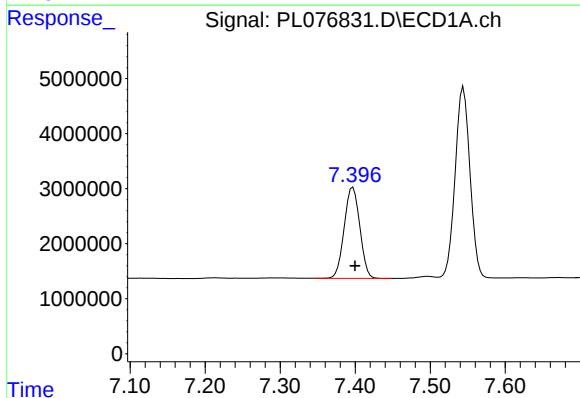
R.T.: 7.056 min  
Delta R.T.: -0.003 min  
Response: 43120866  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



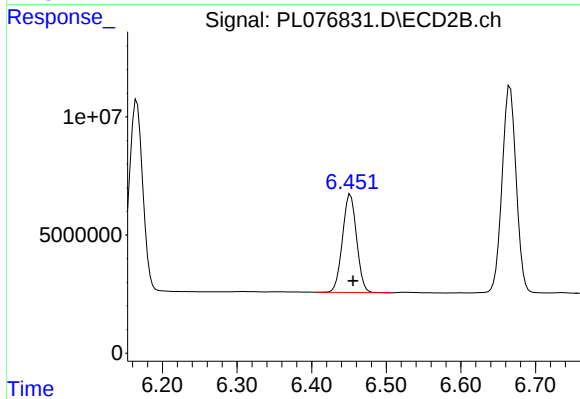
#19 Endosulfan Sulfate

R.T.: 6.166 min  
Delta R.T.: -0.003 min  
Response: 104172006  
Conc: 54.32 ng/ml



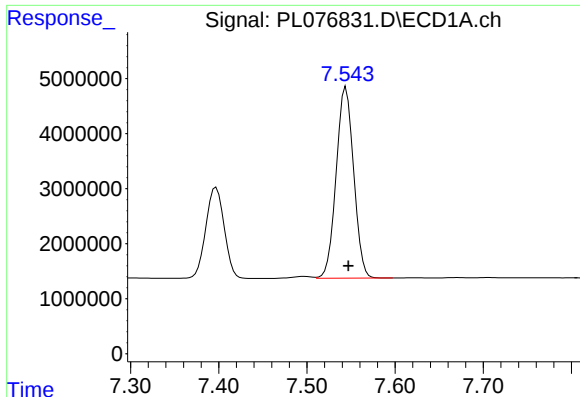
#20 Methoxychlor

R.T.: 7.397 min  
Delta R.T.: -0.003 min  
Response: 23976557  
Conc: 49.77 ng/ml



#20 Methoxychlor

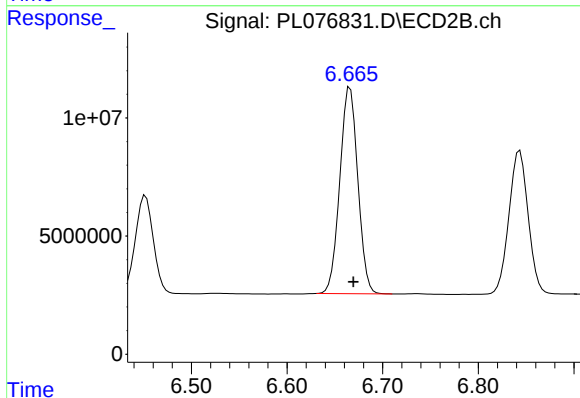
R.T.: 6.452 min  
Delta R.T.: -0.003 min  
Response: 54561139  
Conc: 53.45 ng/ml



#21 Endrin ketone

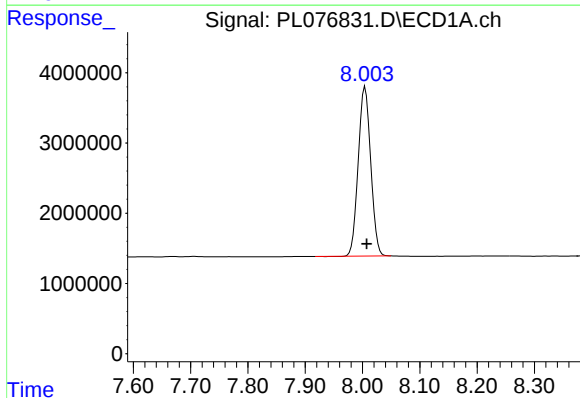
R.T.: 7.544 min  
Delta R.T.: -0.003 min  
Response: 47849560  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



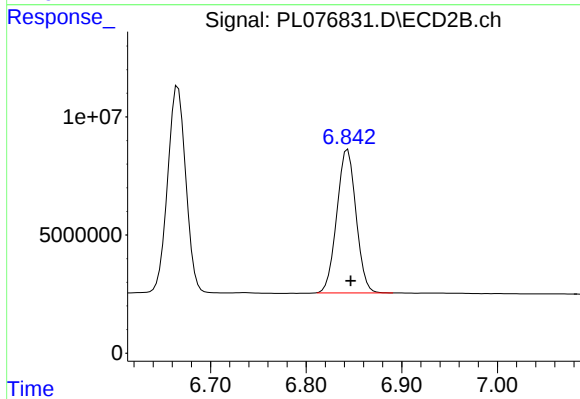
#21 Endrin ketone

R.T.: 6.666 min  
Delta R.T.: -0.004 min  
Response: 114682354  
Conc: 54.96 ng/ml



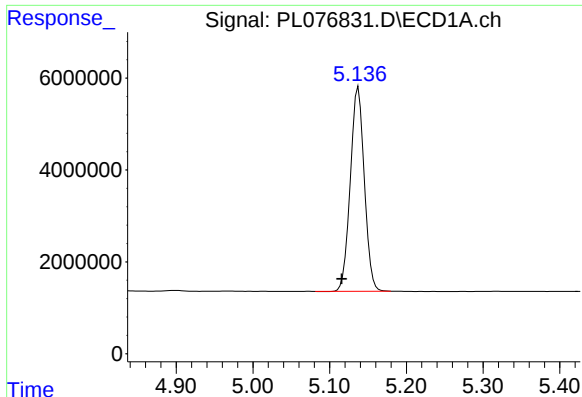
#22 Mirex

R.T.: 8.005 min  
Delta R.T.: -0.003 min  
Response: 36373252  
Conc: 49.24 ng/ml



#22 Mirex

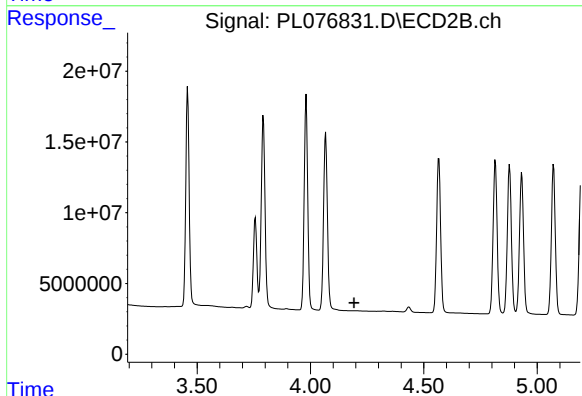
R.T.: 6.843 min  
Delta R.T.: -0.003 min  
Response: 84753038  
Conc: 52.61 ng/ml



#24 Chlordane-2

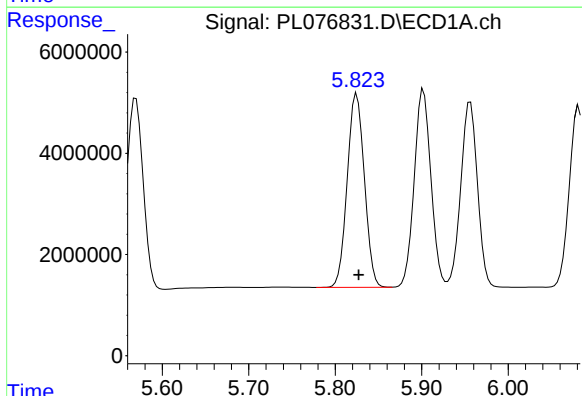
R.T.: 5.137 min  
Delta R.T.: 0.022 min  
Response: 56829915  
Conc: 1364.92 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



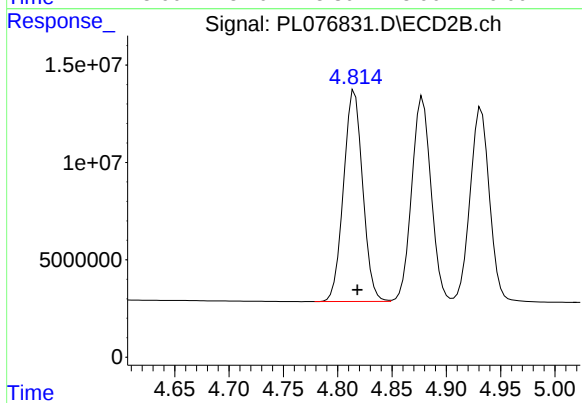
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.193 min  
Response: 0  
Conc: N.D.



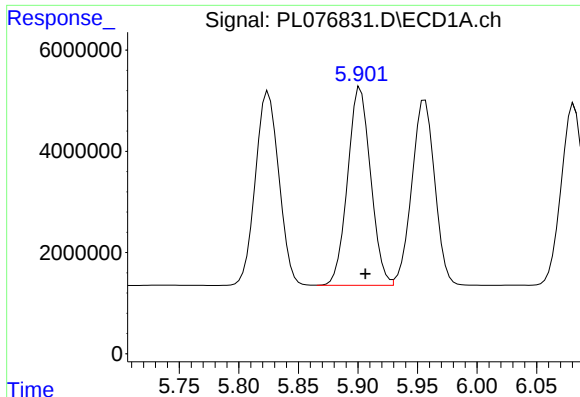
#25 Chlordane-3

R.T.: 5.825 min  
Delta R.T.: -0.002 min  
Response: 52602369  
Conc: 325.82 ng/ml



#25 Chlordane-3

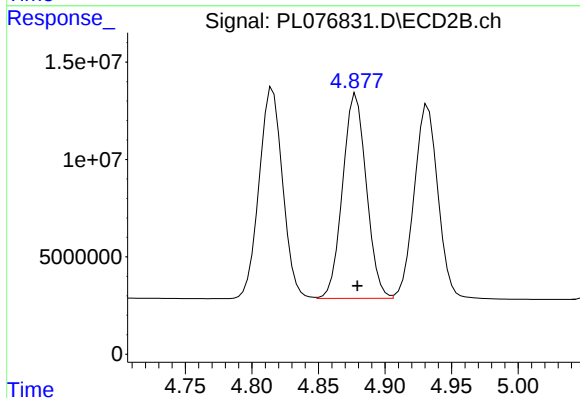
R.T.: 4.816 min  
Delta R.T.: -0.003 min  
Response: 133111641  
Conc: 482.69 ng/ml



#26 Chlordane-4

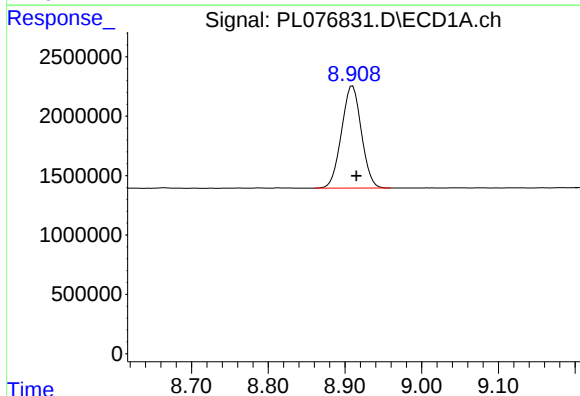
R.T.: 5.902 min  
Delta R.T.: -0.004 min  
Response: 52697085  
Conc: 268.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146587BS



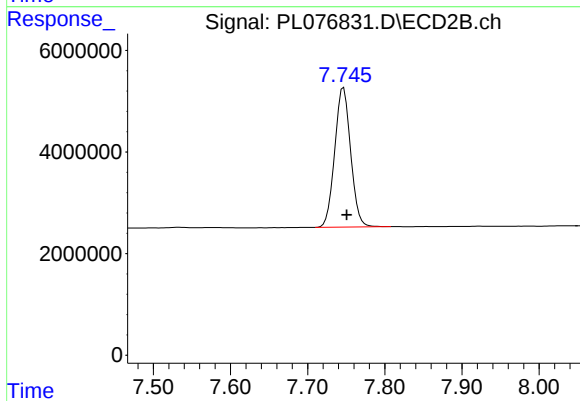
#26 Chlordane-4

R.T.: 4.878 min  
Delta R.T.: -0.001 min  
Response: 130321092  
Conc: 451.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.910 min  
Delta R.T.: -0.005 min  
Response: 15552710  
Conc: 19.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.747 min  
Delta R.T.: -0.004 min  
Response: 39432982  
Conc: 20.51 ng/ml