

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050420\  
 Data File : PL058518.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 May 2020 17:00  
 Operator : AJ\MA  
 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: May 05 00:50:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 29 00:55:33 2020  
 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... | 3.458 | 3.954  | 485.3E6  | 106.7E6  | 45.602   | 49.377     |
| 28)                         | SA Decachlor... | 8.203 | 8.976  | 449.3E6  | 100.1E6  | 41.541   | 45.105     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.341  | 848.0E6  | 163.0E6  | 46.306   | 49.221     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.624  | 794.5E6  | 160.8E6  | 46.023   | 48.613     |
| 4)                          | MA Heptachlor   | 4.478 | 5.125  | 808.6E6  | 162.6E6  | 45.760   | 47.064     |
| 5)                          | MB Aldrin       | 4.725 | 5.426  | 760.9E6  | 156.5E6  | 45.875   | 46.313     |
| 6)                          | B beta-BHC      | 4.430 | 4.798  | 324.1E6  | 69316778 | 45.354   | 47.574     |
| 7)                          | B delta-BHC     | 4.634 | 5.011  | 783.7E6  | 145.5E6  | 46.127   | 57.884 #   |
| 8)                          | B Heptachlo...  | 5.168 | 5.812  | 751.9E6  | 153.1E6  | 49.506   | 47.809     |
| 9)                          | A Endosulfan I  | 5.506 | 6.167  | 636.6E6  | 141.4E6  | 45.100   | 45.703     |
| 10)                         | B gamma-Chl...  | 5.395 | 6.045  | 730.7E6  | 157.6E6  | 47.451   | 46.673     |
| 11)                         | B alpha-Chl...  | 5.452 | 6.117  | 687.0E6  | 155.7E6  | 45.299   | 45.774     |
| 12)                         | B 4,4'-DDE      | 5.616 | 6.276  | 709.0E6  | 138.4E6  | 46.893   | 45.380     |
| 13)                         | MA Dieldrin     | 5.749 | 6.422  | 675.9E6  | 142.0E6  | 45.337   | 45.368     |
| 14)                         | MA Endrin       | 6.006 | 6.639  | 612.1E6  | 119.0E6  | 45.026   | 46.267     |
| 15)                         | B Endosulfa...  | 6.279 | 6.849  | 551.5E6  | 116.8E6  | 43.590   | 43.818     |
| 16)                         | A 4,4'-DDD      | 6.132 | 6.765  | 526.7E6  | 104.5E6  | 44.914   | 45.962     |
| 17)                         | MA 4,4'-DDT     | 6.371 | 7.062  | 528.7E6  | 102.8E6  | 45.308   | 46.944     |
| 18)                         | B Endrin al...  | 6.447 | 6.973  | 463.5E6  | 99678834 | 43.699   | 45.719     |
| 19)                         | B Endosulfa...  | 6.661 | 7.196  | 497.5E6  | 108.1E6  | 42.890   | 45.696     |
| 20)                         | A Methoxychlor  | 6.916 | 7.522  | 268.6E6  | 56094579 | 45.198   | 45.258     |
| 21)                         | B Endrin ke...  | 7.150 | 7.664  | 528.5E6  | 112.4E6  | 44.602   | 46.088     |
| 22)                         | Mirex           | 7.337 | 8.112  | 370.4E6  | 86770429 | 41.868   | 45.438     |
| 23)                         | Chlordane-1     | 4.308 | 0.000  | 3138622  | 0        | 7.302    | N.D. #     |
| 24)                         | Chlordane-2     | 4.832 | 5.426f | 16321365 | 156.5E6  | 39.302   | 1578.930 # |
| 25)                         | Chlordane-3     | 5.395 | 6.045  | 730.7E6  | 157.6E6  | 556.287  | 393.920 #  |
| 26)                         | Chlordane-4     | 5.452 | 6.117  | 687.0E6  | 155.7E6  | 625.886  | 320.253 #  |
| 27)                         | Chlordane-5     | 6.279 | 0.000  | 551.5E6  | 0        | 1355.916 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

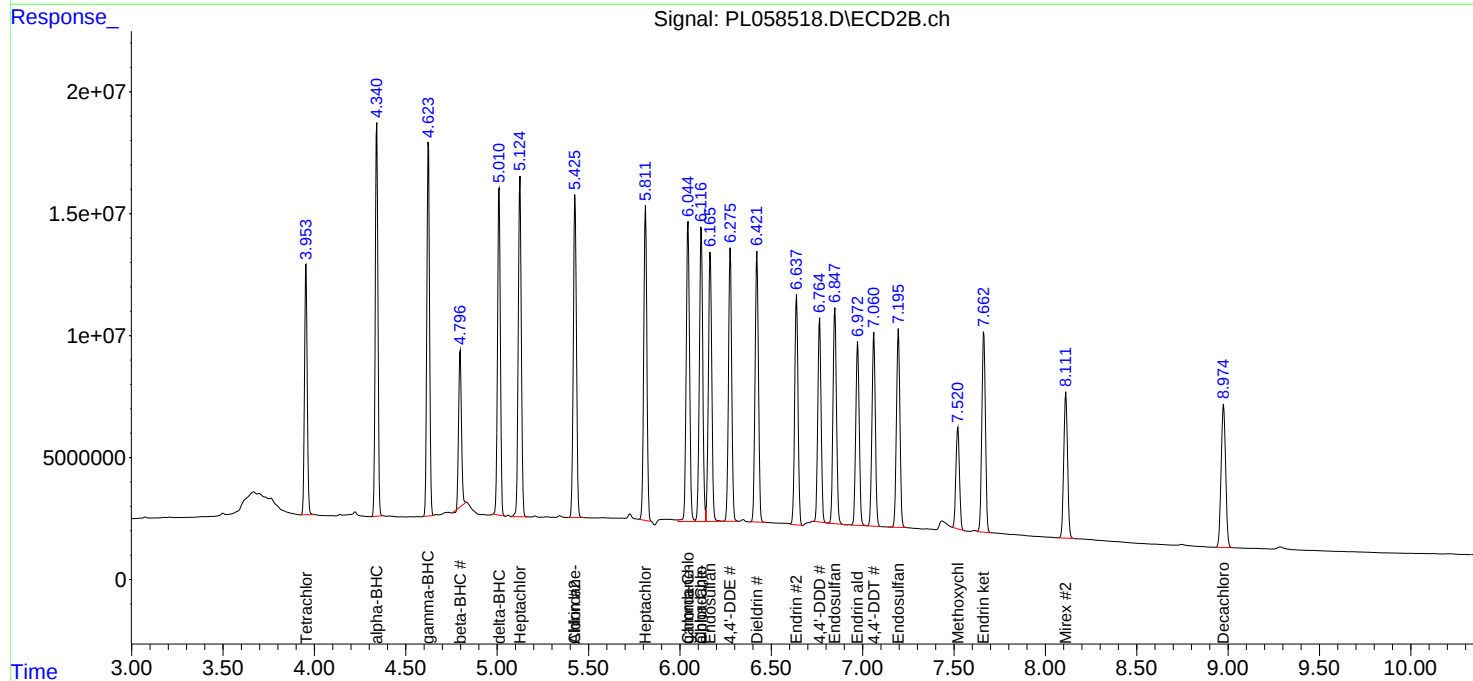
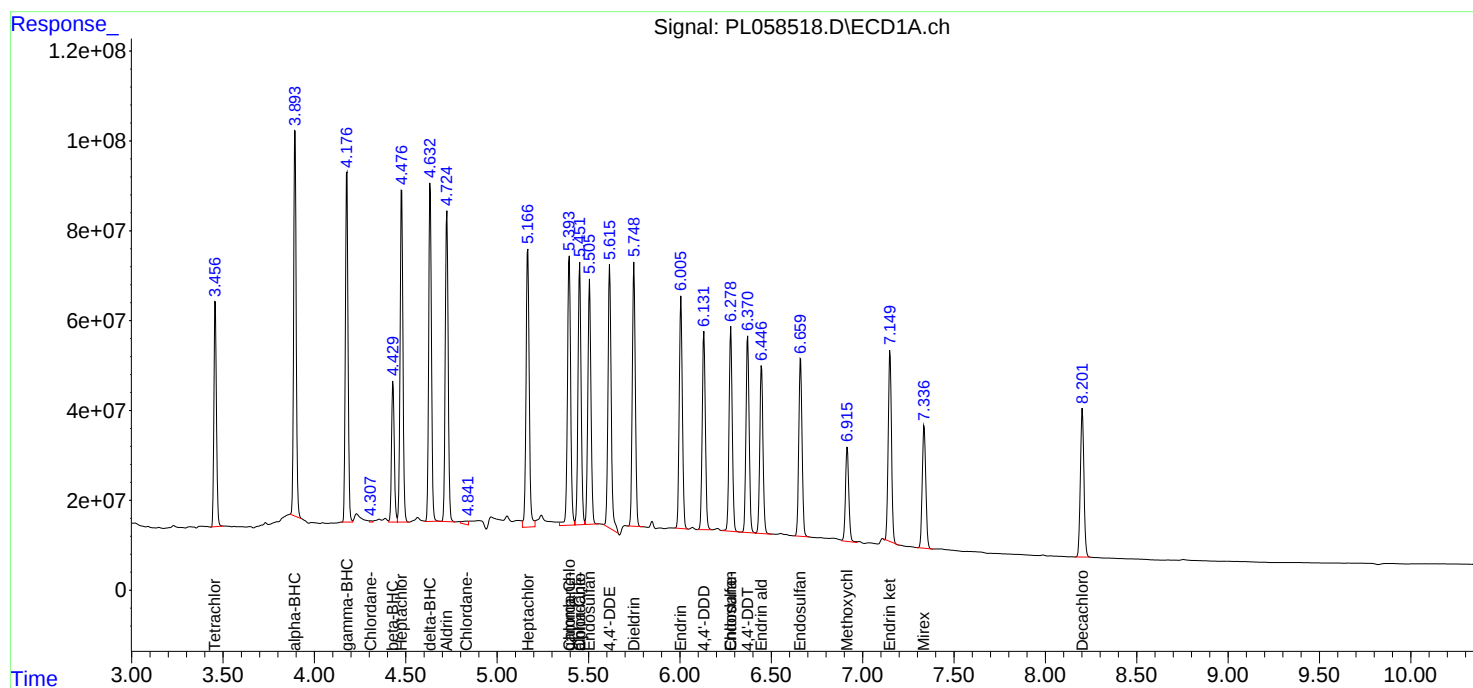
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

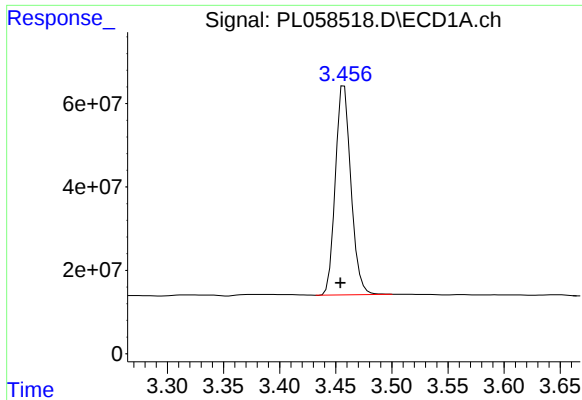
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050420\  
Data File : PL058518.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 May 2020 17:00  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 05 00:50:26 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042820.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 29 00:55:33 2020  
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

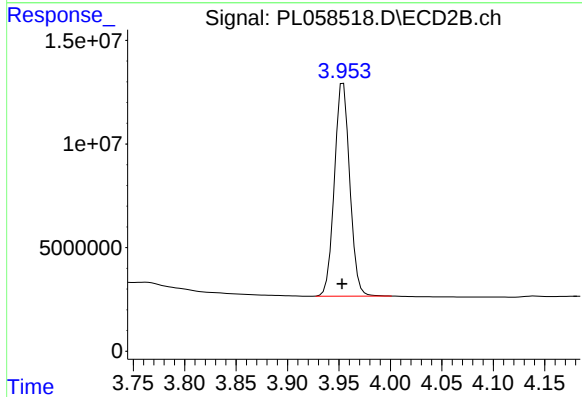




#1 Tetrachloro-m-xylene

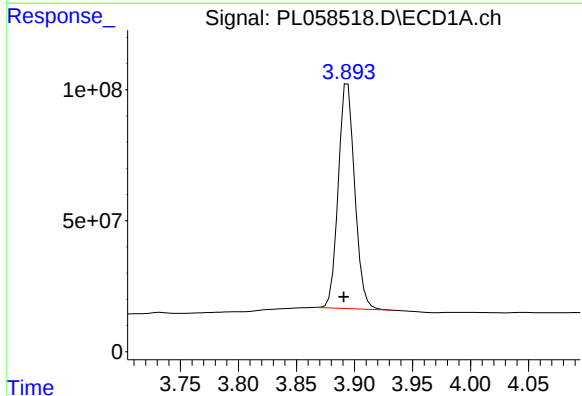
R.T.: 3.458 min  
Delta R.T.: 0.004 min  
Response: 485298830  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



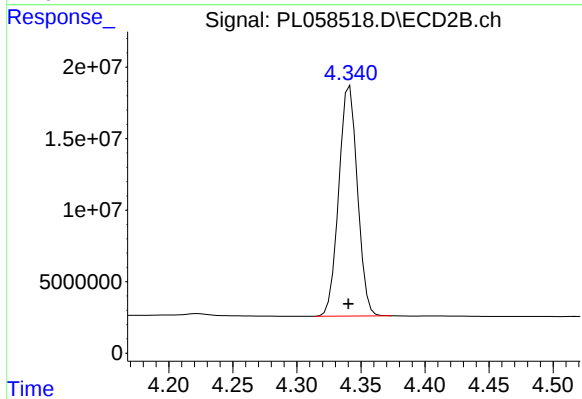
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: 0.001 min  
Response: 106724261  
Conc: 49.38 ng/ml



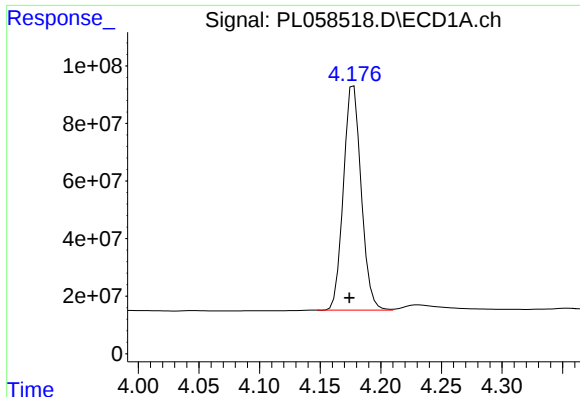
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.003 min  
Response: 848038471  
Conc: 46.31 ng/ml



#2 alpha-BHC

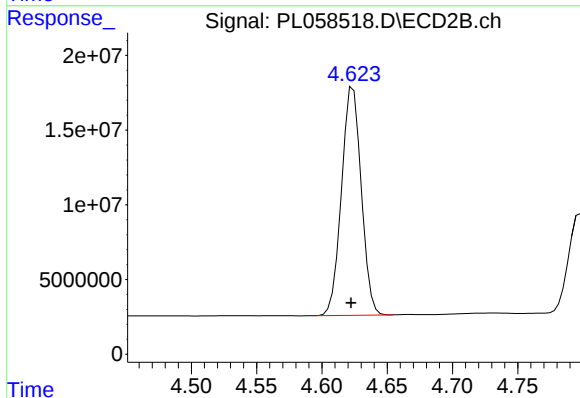
R.T.: 4.341 min  
Delta R.T.: 0.001 min  
Response: 163005927  
Conc: 49.22 ng/ml



#3 gamma-BHC (Lindane)

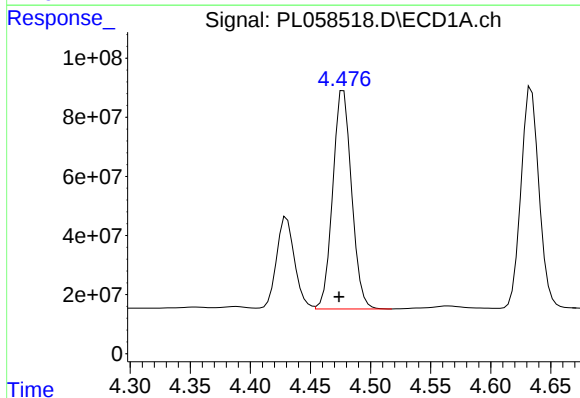
R.T.: 4.178 min  
Delta R.T.: 0.004 min  
Response: 794486196  
Conc: 46.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



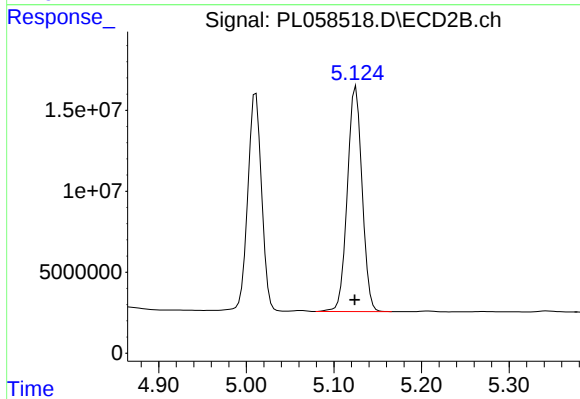
#3 gamma-BHC (Lindane)

R.T.: 4.624 min  
Delta R.T.: 0.002 min  
Response: 160840541  
Conc: 48.61 ng/ml



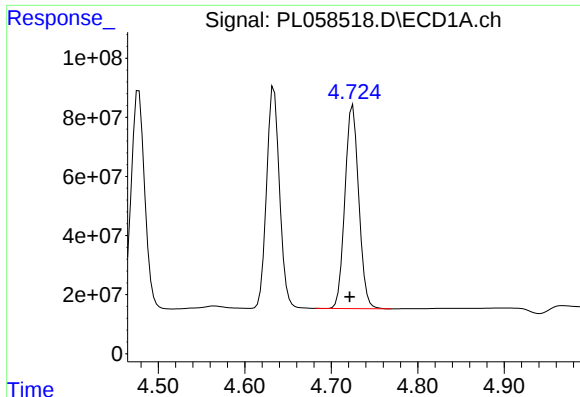
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.004 min  
Response: 808570630  
Conc: 45.76 ng/ml



#4 Heptachlor

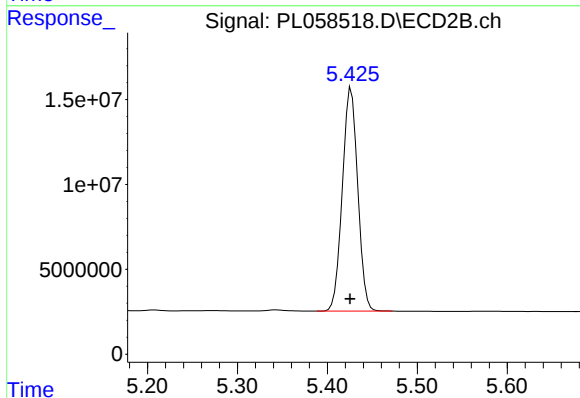
R.T.: 5.125 min  
Delta R.T.: 0.001 min  
Response: 162573687  
Conc: 47.06 ng/ml



#5 Aldrin

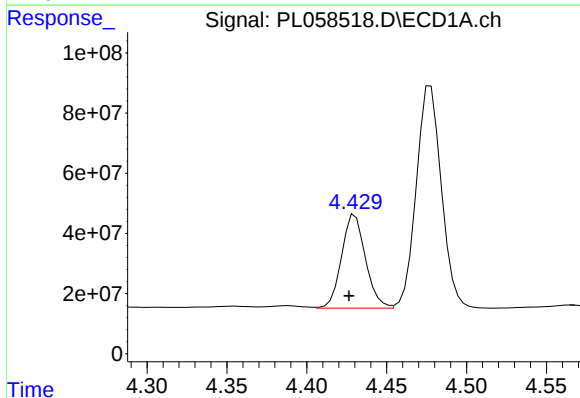
R.T.: 4.725 min  
Delta R.T.: 0.003 min  
Response: 760890720  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



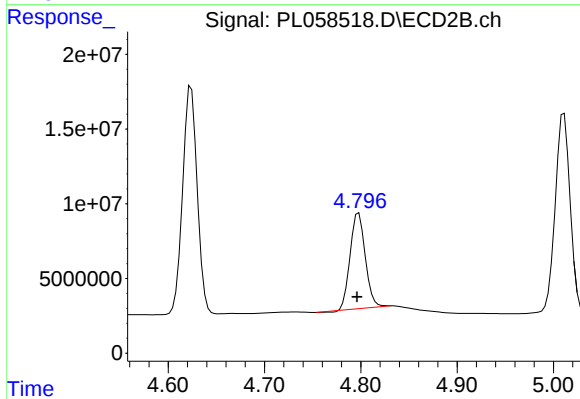
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: 0.001 min  
Response: 156511642  
Conc: 46.31 ng/ml



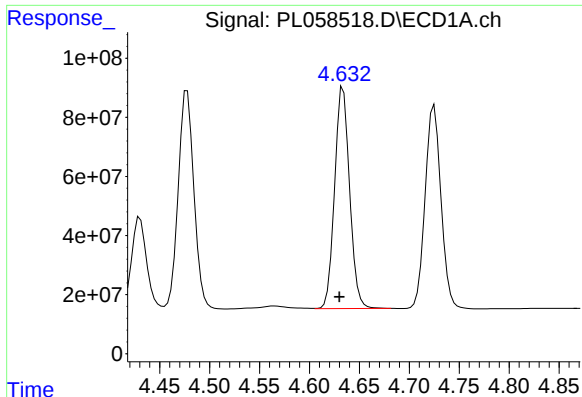
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.004 min  
Response: 324134140  
Conc: 45.35 ng/ml



#6 beta-BHC

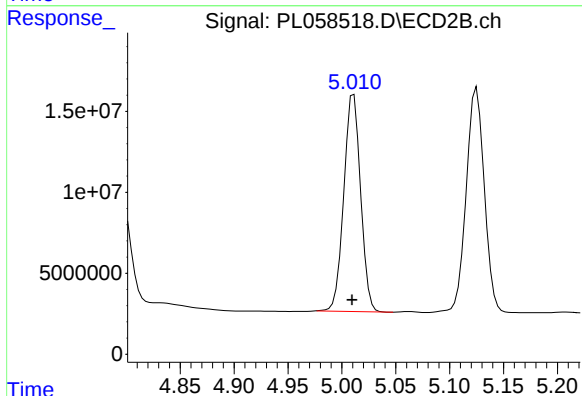
R.T.: 4.798 min  
Delta R.T.: 0.002 min  
Response: 69316778  
Conc: 47.57 ng/ml



#7 delta-BHC

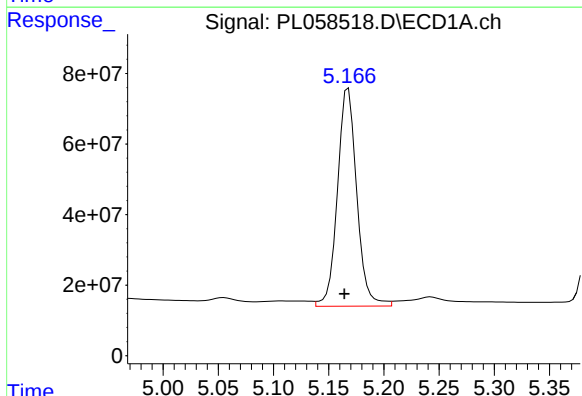
R.T.: 4.634 min  
Delta R.T.: 0.004 min  
Response: 783652191  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



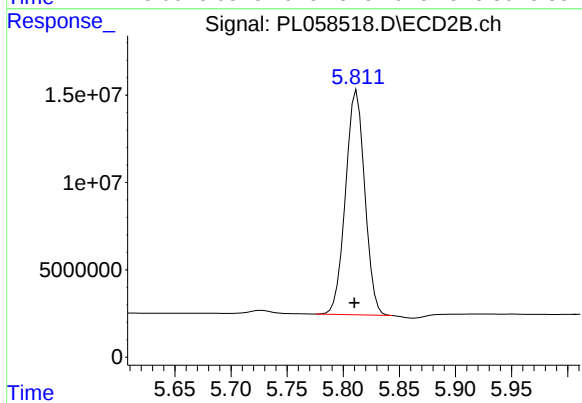
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: 0.001 min  
Response: 145524801  
Conc: 57.88 ng/ml



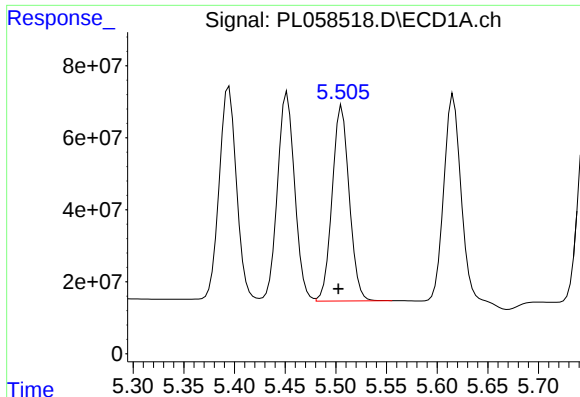
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: 0.004 min  
Response: 751921708  
Conc: 49.51 ng/ml



#8 Heptachlor epoxide

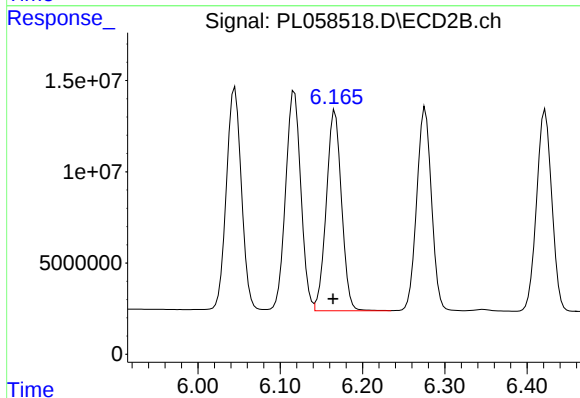
R.T.: 5.812 min  
Delta R.T.: 0.002 min  
Response: 153075471  
Conc: 47.81 ng/ml



#9 Endosulfan I

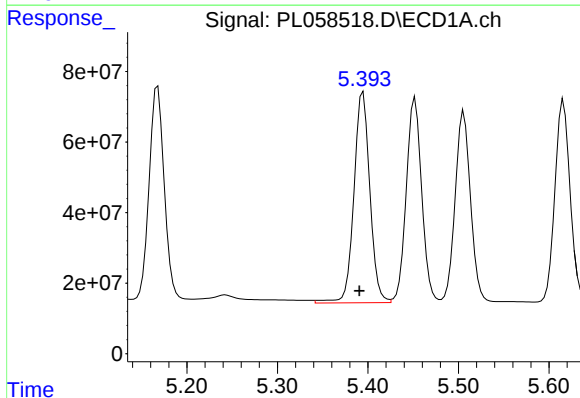
R.T.: 5.506 min  
Delta R.T.: 0.003 min  
Response: 636646644  
Conc: 45.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



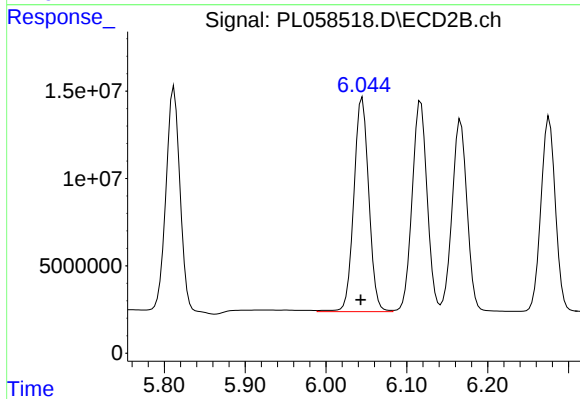
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: 0.002 min  
Response: 141358269  
Conc: 45.70 ng/ml



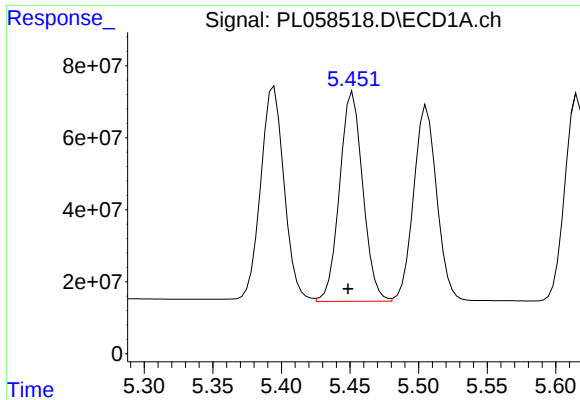
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: 0.004 min  
Response: 730660003  
Conc: 47.45 ng/ml



#10 gamma-Chlordane

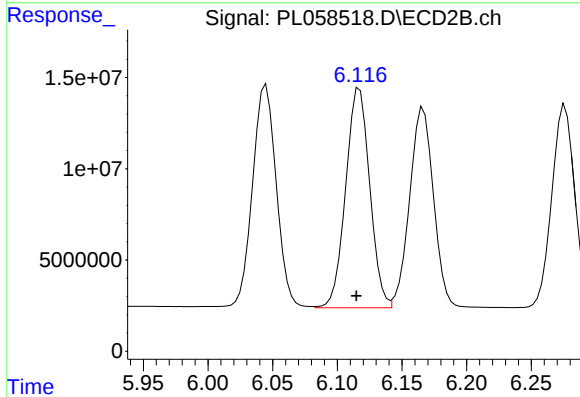
R.T.: 6.045 min  
Delta R.T.: 0.002 min  
Response: 157552476  
Conc: 46.67 ng/ml



#11 alpha-Chlordane

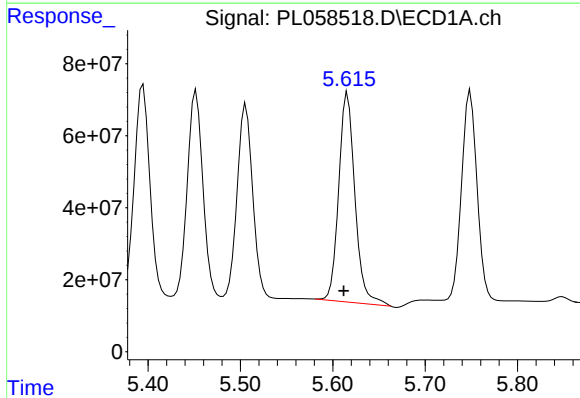
R.T.: 5.452 min  
Delta R.T.: 0.004 min  
Response: 686985187  
Conc: 45.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



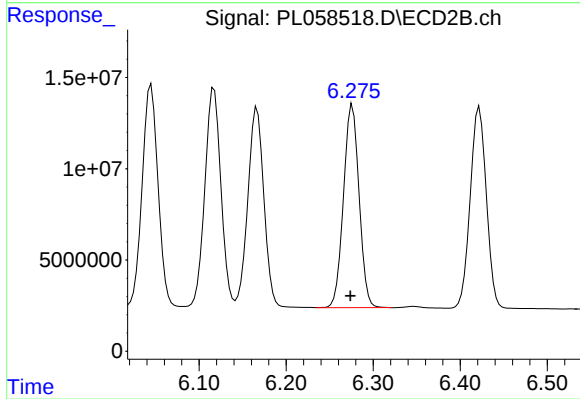
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 155657739  
Conc: 45.77 ng/ml



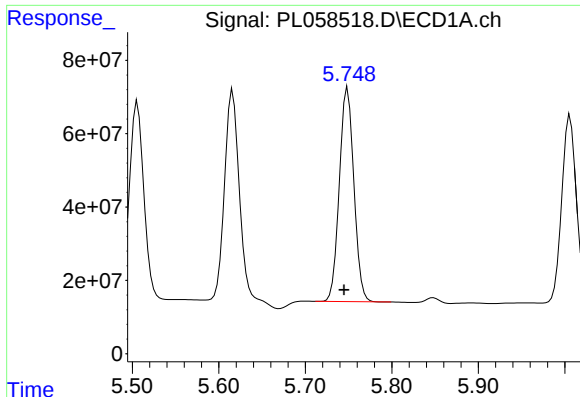
#12 4,4'-DDE

R.T.: 5.616 min  
Delta R.T.: 0.004 min  
Response: 709028452  
Conc: 46.89 ng/ml



#12 4,4'-DDE

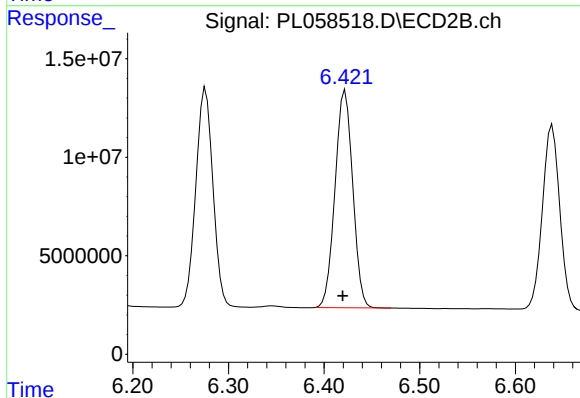
R.T.: 6.276 min  
Delta R.T.: 0.002 min  
Response: 138428523  
Conc: 45.38 ng/ml



#13 Dieldrin

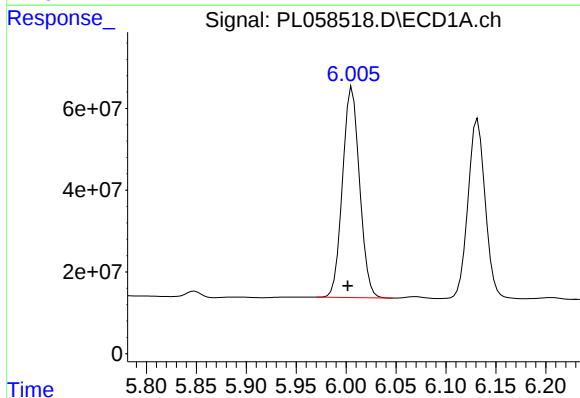
R.T.: 5.749 min  
Delta R.T.: 0.004 min  
Response: 675944506  
Conc: 45.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



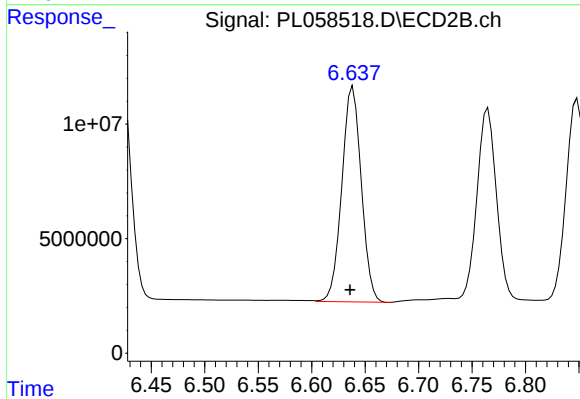
#13 Dieldrin

R.T.: 6.422 min  
Delta R.T.: 0.002 min  
Response: 141996745  
Conc: 45.37 ng/ml



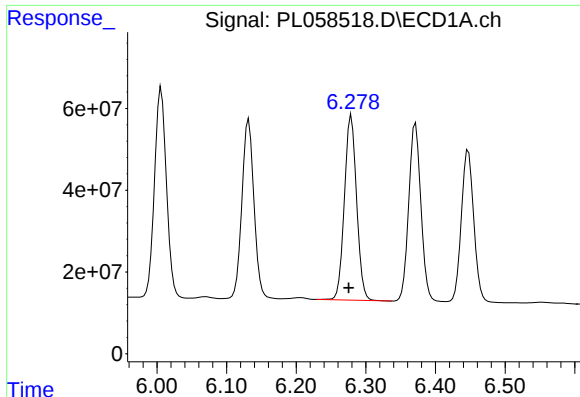
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: 0.004 min  
Response: 612071687  
Conc: 45.03 ng/ml



#14 Endrin

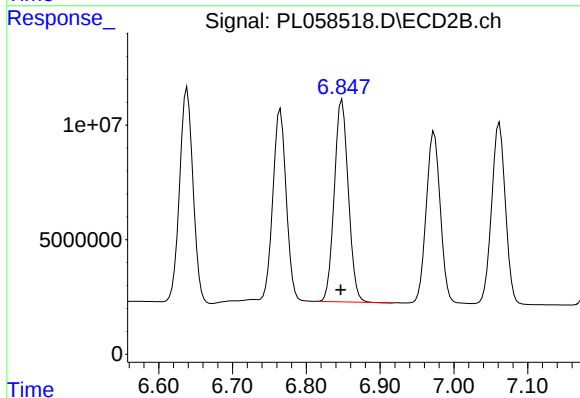
R.T.: 6.639 min  
Delta R.T.: 0.003 min  
Response: 118953459  
Conc: 46.27 ng/ml



#15 Endosulfan II

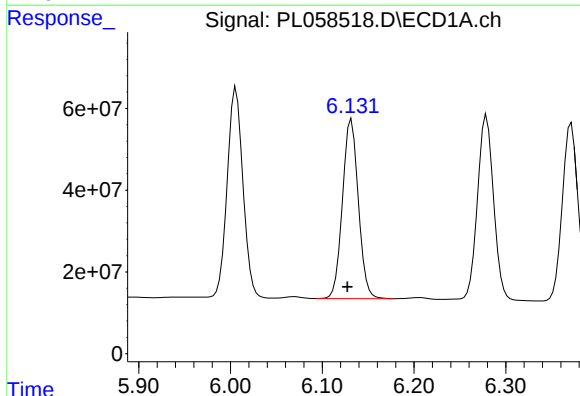
R.T.: 6.279 min  
Delta R.T.: 0.004 min  
Response: 551521746  
Conc: 43.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



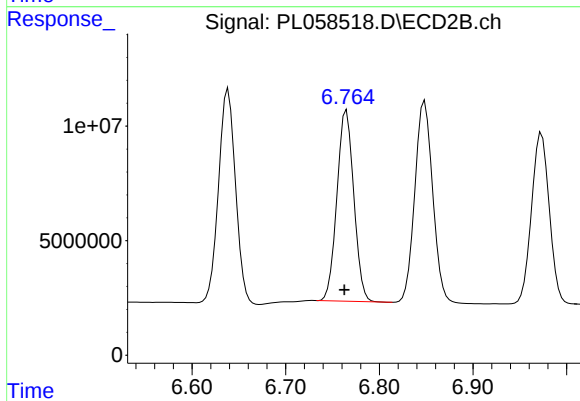
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: 0.002 min  
Response: 116759621  
Conc: 43.82 ng/ml



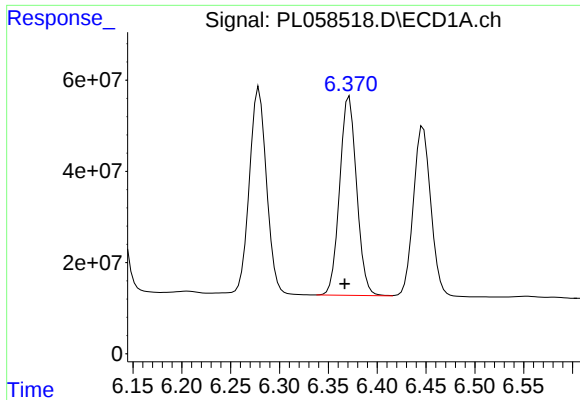
#16 4,4'-DDD

R.T.: 6.132 min  
Delta R.T.: 0.004 min  
Response: 526696810  
Conc: 44.91 ng/ml



#16 4,4'-DDD

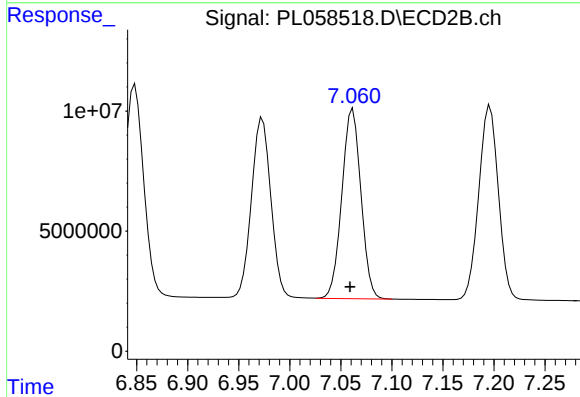
R.T.: 6.765 min  
Delta R.T.: 0.002 min  
Response: 104465869  
Conc: 45.96 ng/ml



#17 4,4'-DDT

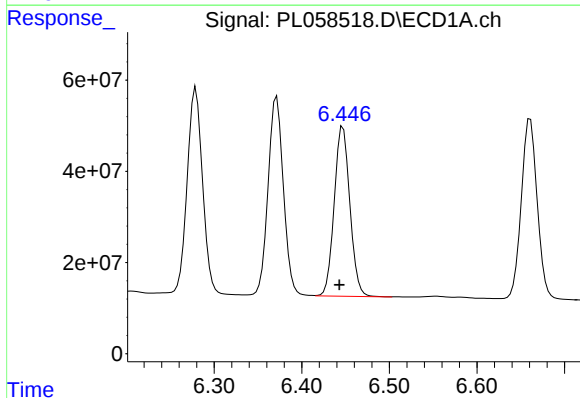
R.T.: 6.371 min  
Delta R.T.: 0.005 min  
Response: 528692032  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



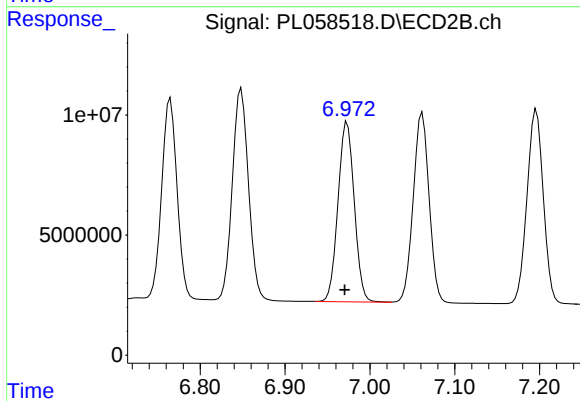
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: 0.003 min  
Response: 102791505  
Conc: 46.94 ng/ml



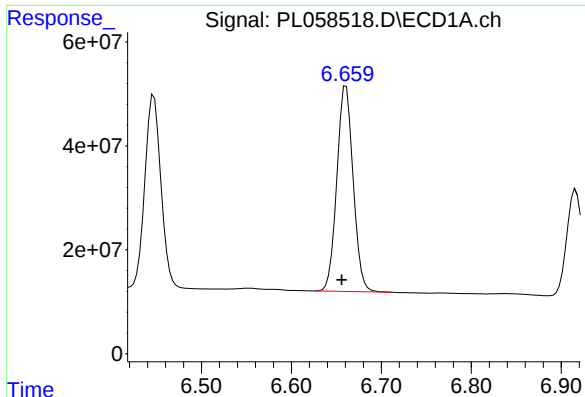
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: 0.004 min  
Response: 463529690  
Conc: 43.70 ng/ml



#18 Endrin aldehyde

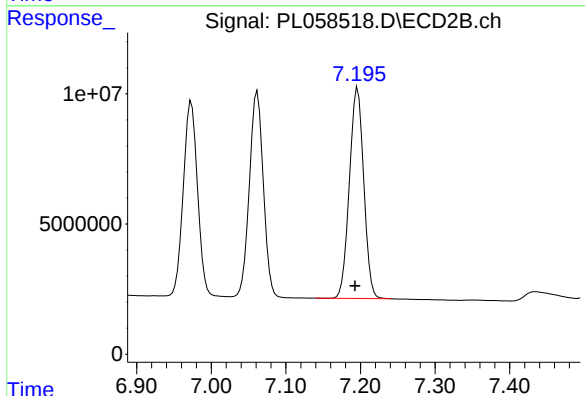
R.T.: 6.973 min  
Delta R.T.: 0.003 min  
Response: 99678834  
Conc: 45.72 ng/ml



#19 Endosulfan Sulfate

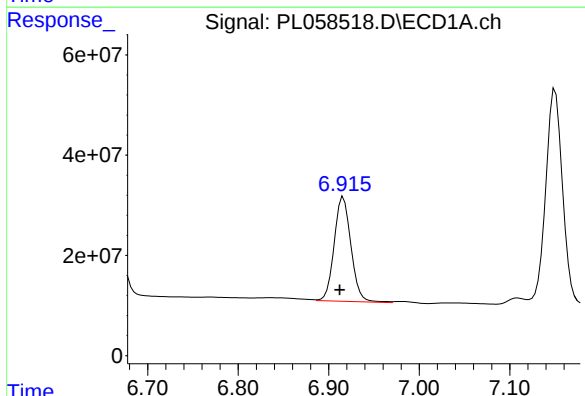
R.T.: 6.661 min  
Delta R.T.: 0.005 min  
Response: 497481988  
Conc: 42.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



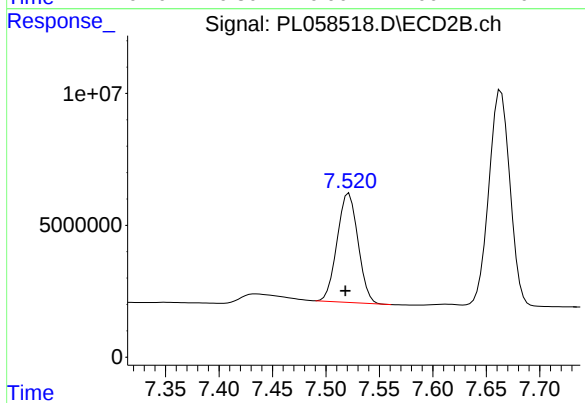
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: 0.003 min  
Response: 108065584  
Conc: 45.70 ng/ml



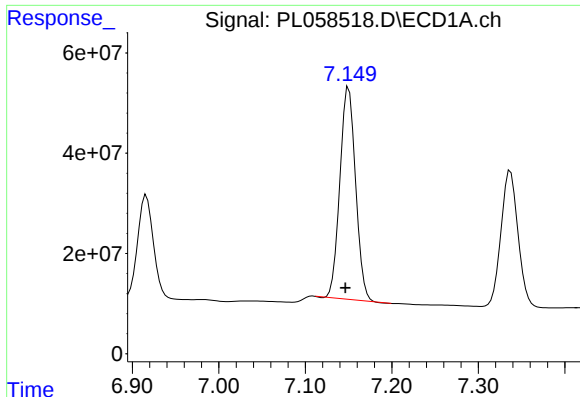
#20 Methoxychlor

R.T.: 6.916 min  
Delta R.T.: 0.004 min  
Response: 268556017  
Conc: 45.20 ng/ml



#20 Methoxychlor

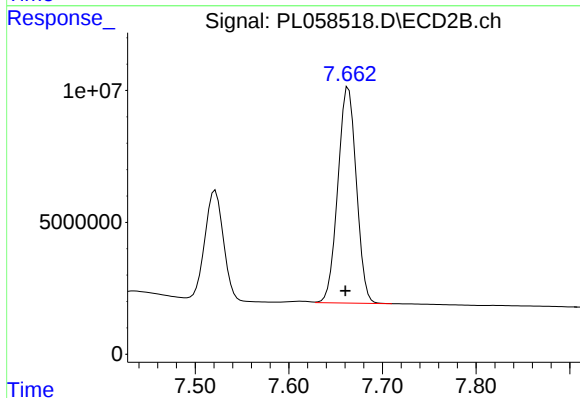
R.T.: 7.522 min  
Delta R.T.: 0.003 min  
Response: 56094579  
Conc: 45.26 ng/ml



#21 Endrin ketone

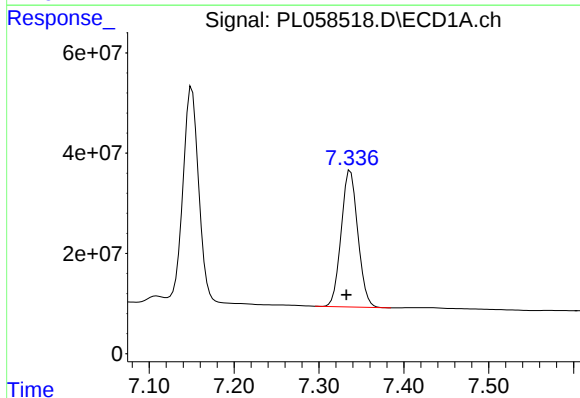
R.T.: 7.150 min  
Delta R.T.: 0.004 min  
Response: 528490297  
Conc: 44.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



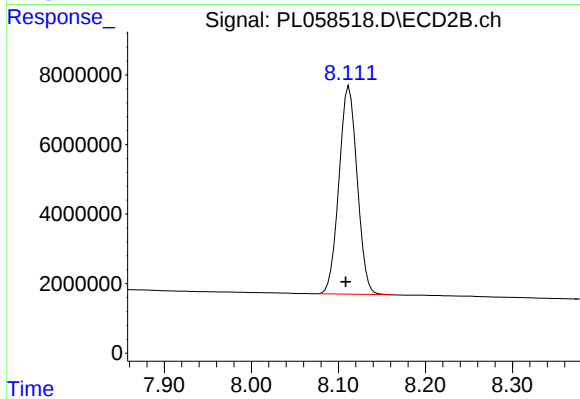
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: 0.003 min  
Response: 112352772  
Conc: 46.09 ng/ml



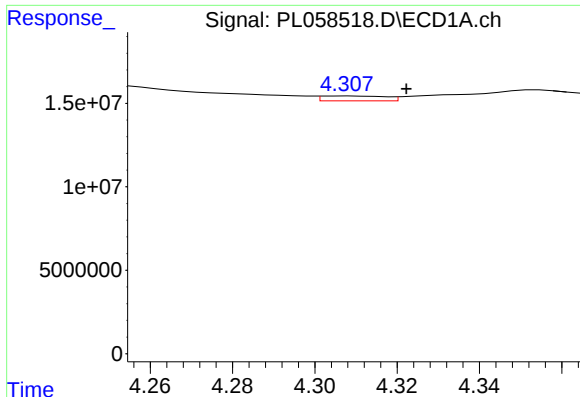
#22 Mirex

R.T.: 7.337 min  
Delta R.T.: 0.005 min  
Response: 370442976  
Conc: 41.87 ng/ml



#22 Mirex

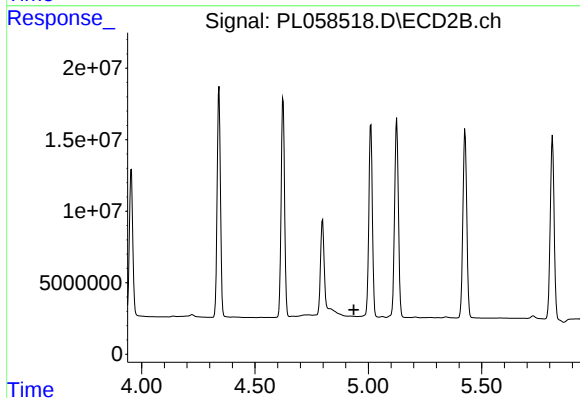
R.T.: 8.112 min  
Delta R.T.: 0.004 min  
Response: 86770429  
Conc: 45.44 ng/ml



#23 Chlordane-1

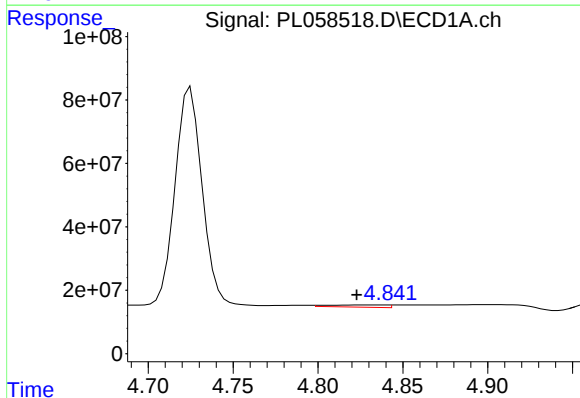
R.T.: 4.308 min  
Delta R.T.: -0.014 min  
Response: 3138622  
Conc: 7.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



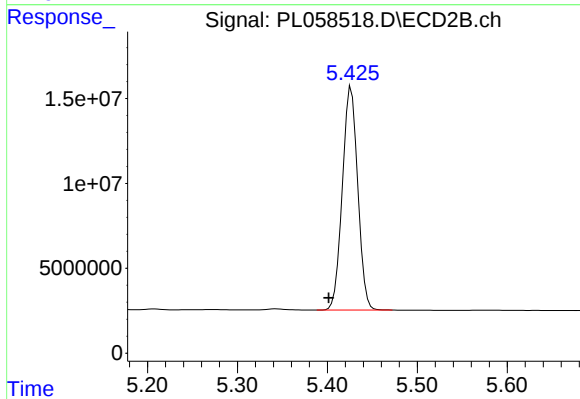
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.936 min  
Response: 0  
Conc: N.D.



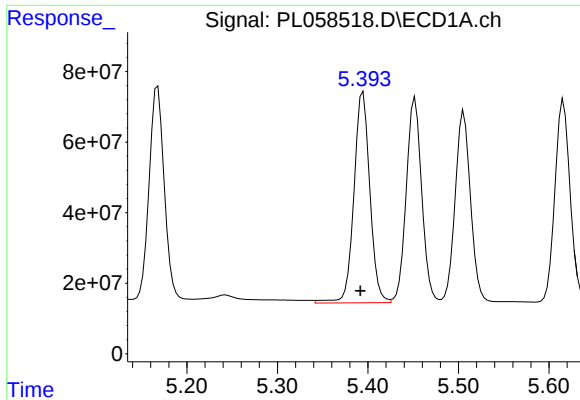
#24 Chlordane-2

R.T.: 4.832 min  
Delta R.T.: 0.009 min  
Response: 16321365  
Conc: 39.30 ng/ml



#24 Chlordane-2

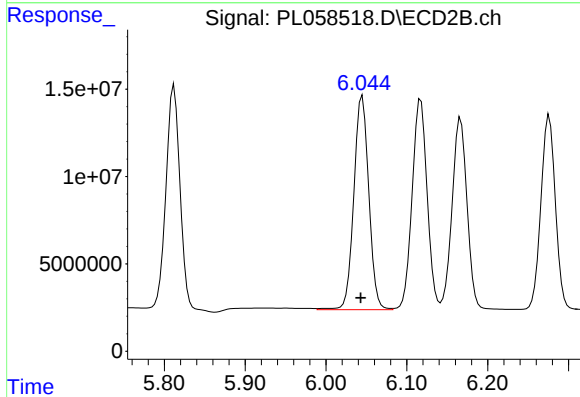
R.T.: 5.426 min  
Delta R.T.: 0.025 min  
Response: 156511642  
Conc: 1578.93 ng/ml



#25 Chlordane-3

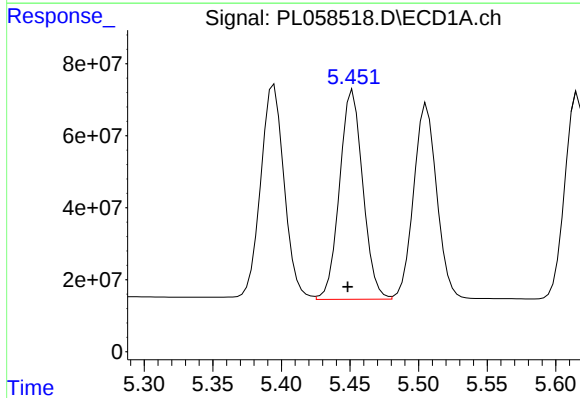
R.T.: 5.395 min  
Delta R.T.: 0.003 min  
Response: 730660003  
Conc: 556.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



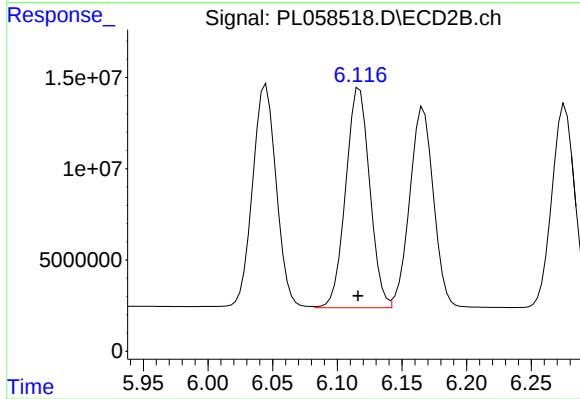
#25 Chlordane-3

R.T.: 6.045 min  
Delta R.T.: 0.002 min  
Response: 157552476  
Conc: 393.92 ng/ml



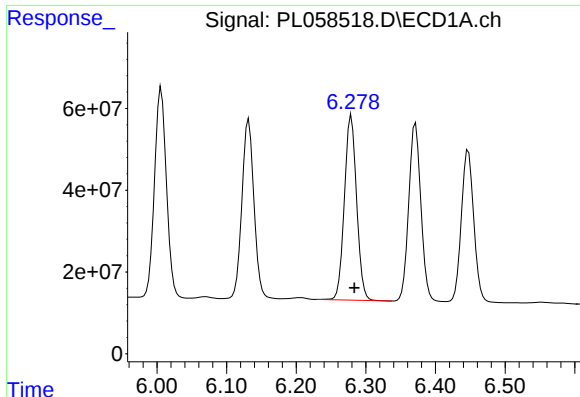
#26 Chlordane-4

R.T.: 5.452 min  
Delta R.T.: 0.004 min  
Response: 686985187  
Conc: 625.89 ng/ml



#26 Chlordane-4

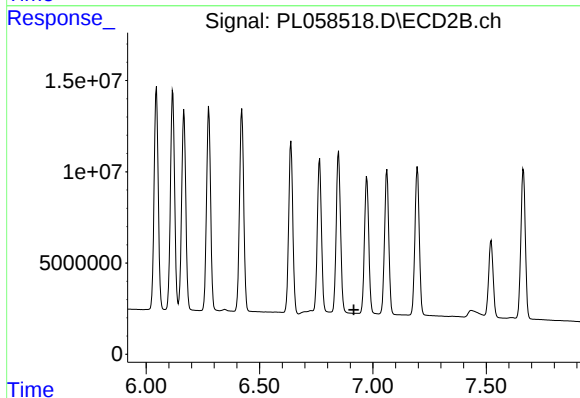
R.T.: 6.117 min  
Delta R.T.: 0.001 min  
Response: 155657739  
Conc: 320.25 ng/ml



#27 Chlordane-5

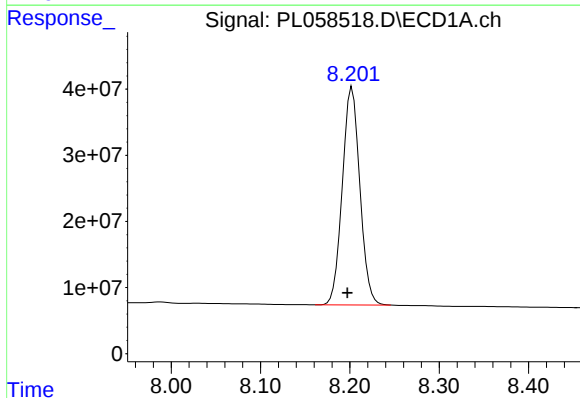
R.T.: 6.279 min  
Delta R.T.: -0.004 min  
Response: 551521746  
Conc: 1355.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



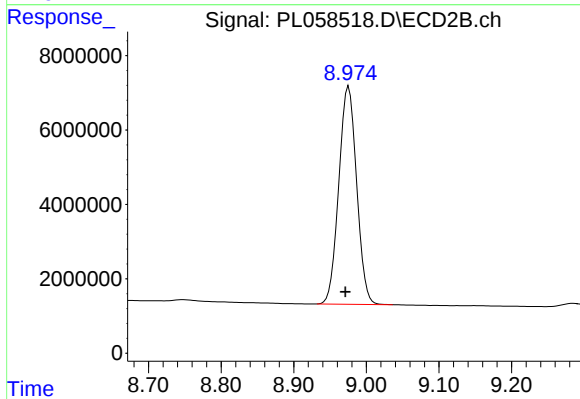
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.916 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: 0.005 min  
Response: 449251758  
Conc: 41.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: 0.004 min  
Response: 100079913  
Conc: 45.10 ng/ml