

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041221\  
 Data File : PL066049.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Apr 2021 22:14  
 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: Apr 13 01:37:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040921.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 10 02:10:31 2021  
 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... | 3.447  | 4.155  | 111.4E6  | 147.7E6  | 45.874   | 53.573     |
| 2)                          | SA Decachlor... | 8.173  | 9.355  | 100.3E6  | 104.8E6  | 46.504   | 55.284     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.882  | 4.560  | 178.2E6  | 205.1E6  | 46.624   | 56.198     |
| 3)                          | MA gamma-BHC... | 4.162  | 4.853  | 167.4E6  | 191.1E6  | 47.592   | 55.100     |
| 4)                          | MA Heptachlor   | 4.462  | 5.369  | 170.4E6  | 180.8E6  | 46.001   | 52.483     |
| 5)                          | MB Aldrin       | 4.707  | 5.682  | 163.3E6  | 166.1E6  | 47.253   | 54.895     |
| 6)                          | B beta-BHC      | 4.410  | 5.029  | 74380779 | 91770675 | 43.172   | 52.019     |
| 7)                          | B delta-BHC     | 4.611  | 5.252  | 165.1E6  | 176.7E6  | 46.164   | 52.806     |
| 8)                          | B Heptachlo...  | 5.146  | 6.076  | 153.2E6  | 149.8E6  | 46.979   | 52.738     |
| 9)                          | A Endosulfan I  | 5.480  | 6.440  | 146.6E6  | 136.6E6  | 47.748   | 53.836     |
| 10)                         | B gamma-Chl...  | 5.371  | 6.313  | 154.7E6  | 149.4E6  | 47.061   | 53.889     |
| 11)                         | B alpha-Chl...  | 5.429  | 6.386  | 154.2E6  | 147.4E6  | 47.516   | 53.776     |
| 12)                         | B 4,4'-DDE      | 5.594  | 6.541  | 148.1E6  | 135.4E6  | 48.501   | 54.366     |
| 13)                         | MA Dieldrin     | 5.721  | 6.702  | 157.9E6  | 138.3E6  | 47.325   | 53.992     |
| 14)                         | MA Endrin       | 5.975  | 6.925  | 128.9E6  | 96668999 | 43.742   | 51.594     |
| 15)                         | B Endosulfa...  | 6.245  | 7.138  | 138.2E6  | 113.4E6  | 46.925   | 53.207     |
| 16)                         | A 4,4'-DDD      | 6.105  | 7.041  | 139.3E6  | 115.3E6  | 48.764   | 55.308     |
| 17)                         | MA 4,4'-DDT     | 6.344  | 7.342  | 126.6E6  | 99550694 | 44.894   | 52.529     |
| 18)                         | B Endrin al...  | 6.413  | 7.264  | 108.2E6  | 92939913 | 46.730   | 53.571     |
| 19)                         | B Endosulfa...  | 6.624  | 7.488  | 140.2E6  | 113.8E6  | 45.585   | 53.080     |
| 20)                         | A Methoxychlor  | 6.890  | 7.802  | 69012679 | 53899116 | 44.037   | 53.457     |
| 21)                         | B Endrin ke...  | 7.109  | 7.969  | 157.5E6  | 126.6E6  | 48.840   | 56.082     |
| 22)                         | Mirex           | 7.299  | 8.424  | 120.6E6  | 92234100 | 46.645   | 54.754     |
| 23)                         | Chlordane-1     | 4.335f | 0.000  | 3298070  | 0        | 31.511   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.682f | 0        | 166.1E6  | N.D.     | 1486.541 # |
| 25)                         | Chlordane-3     | 5.371  | 6.313  | 154.7E6  | 149.4E6  | 472.817  | 379.643    |
| 26)                         | Chlordane-4     | 5.429  | 6.386  | 154.2E6  | 147.4E6  | 563.334  | 308.878 #  |
| 27)                         | Chlordane-5     | 6.245  | 0.000  | 138.2E6  | 0        | 1086.206 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

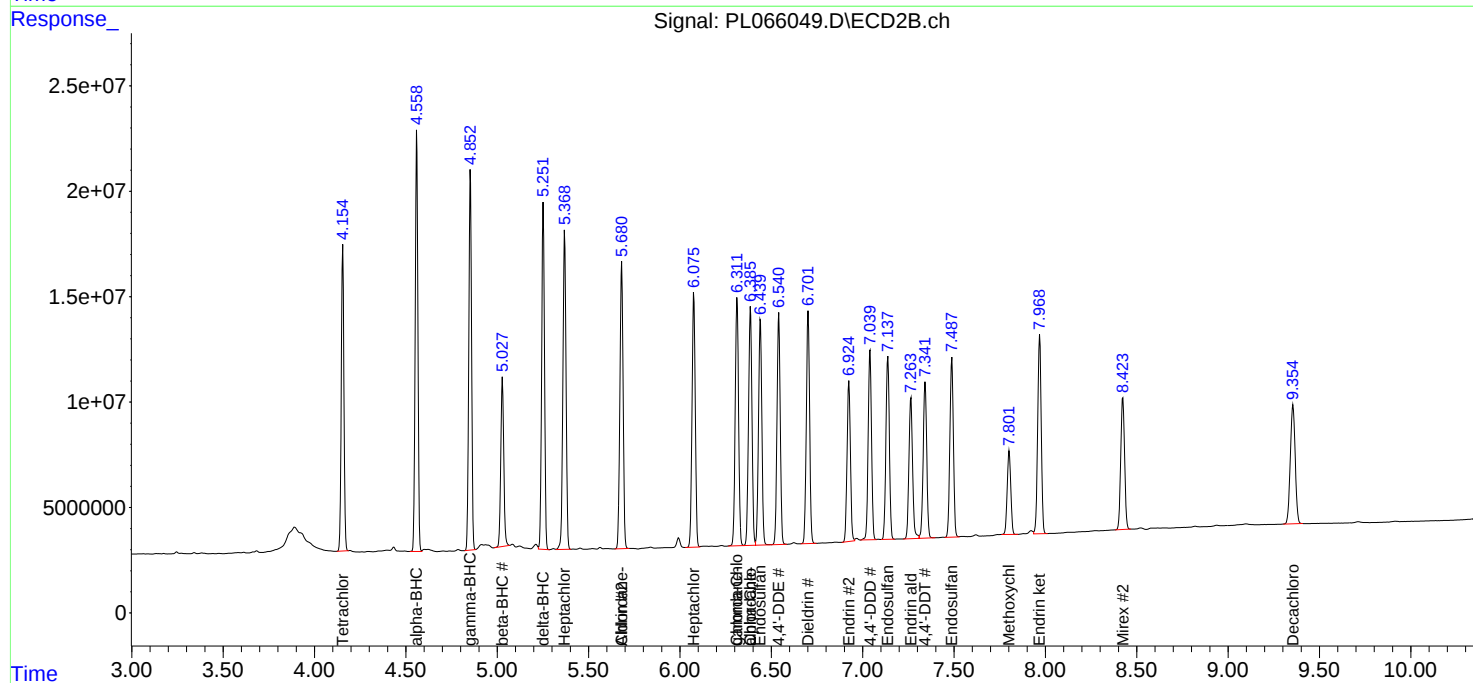
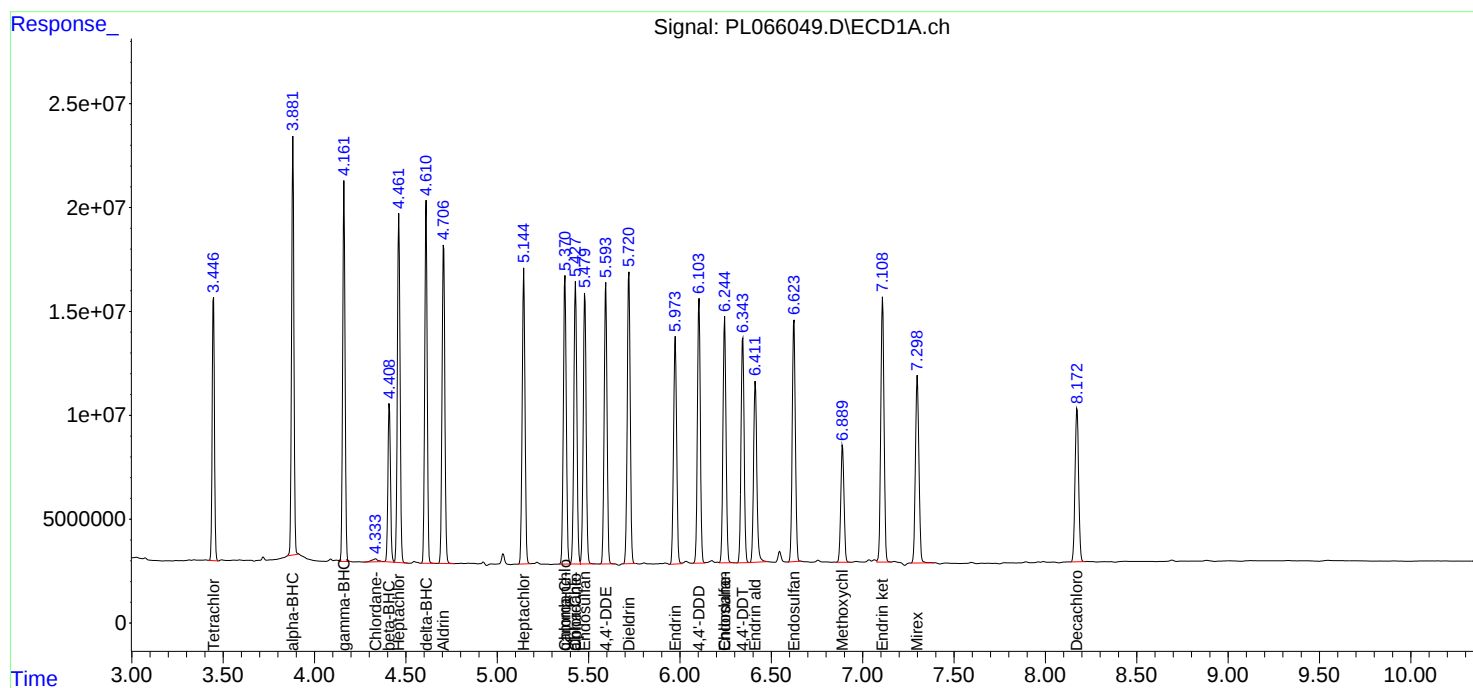
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

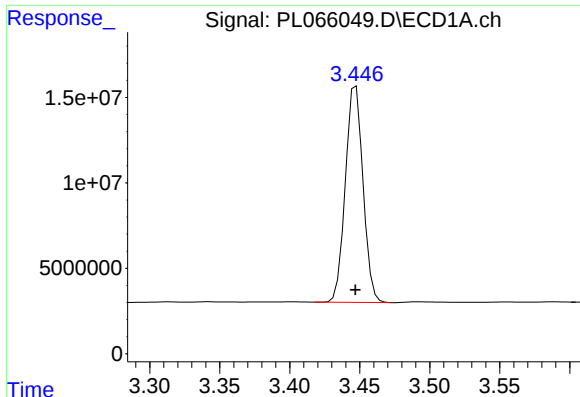
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041221\  
Data File : PL066049.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Apr 2021 22:14  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 13 01:37:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040921.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 10 02:10:31 2021  
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

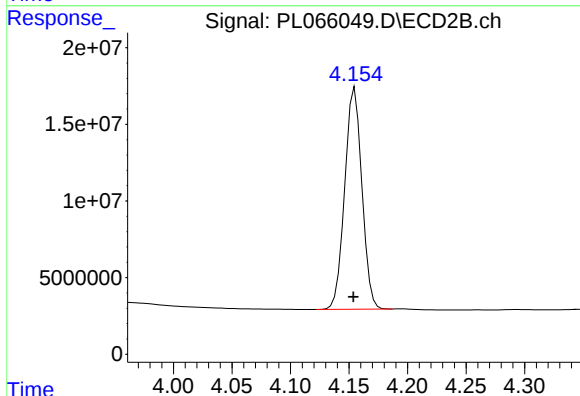




#1 Tetrachloro-m-xylene

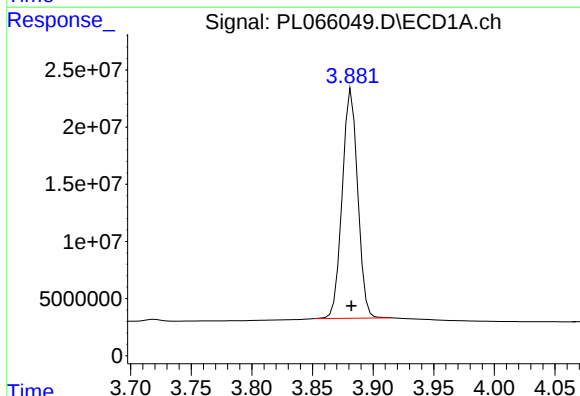
R.T.: 3.447 min  
Delta R.T.: 0.000 min  
Response: 111403957  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



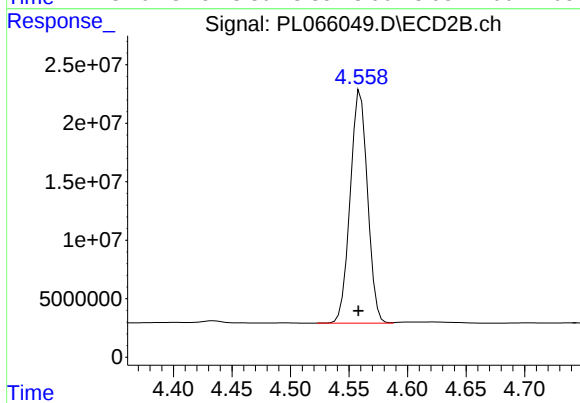
#1 Tetrachloro-m-xylene

R.T.: 4.155 min  
Delta R.T.: 0.001 min  
Response: 147665918  
Conc: 53.57 ng/ml



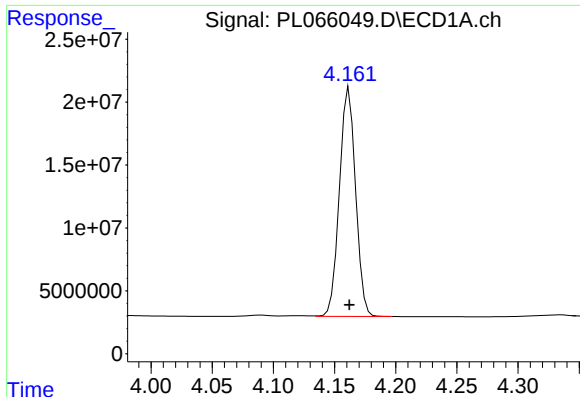
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: 0.000 min  
Response: 178173946  
Conc: 46.62 ng/ml



#2 alpha-BHC

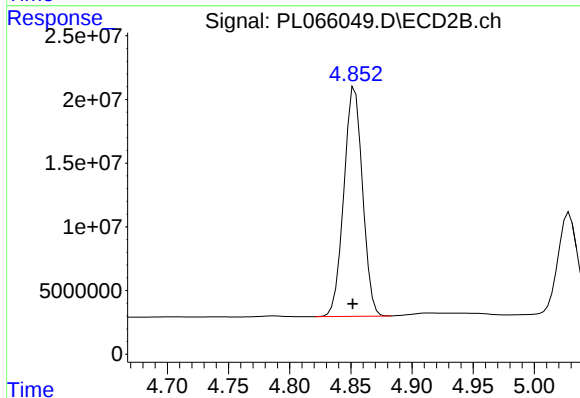
R.T.: 4.560 min  
Delta R.T.: 0.002 min  
Response: 205084280  
Conc: 56.20 ng/ml



#3 gamma-BHC (Lindane)

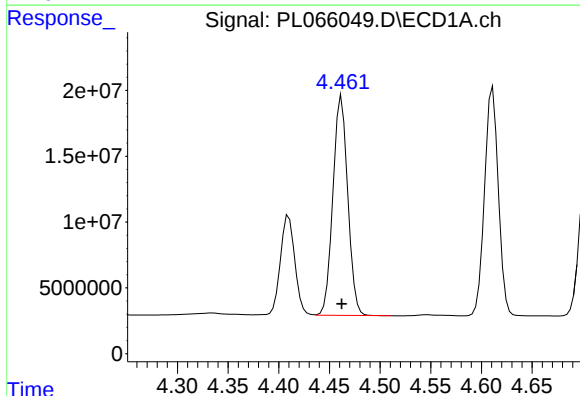
R.T.: 4.162 min  
Delta R.T.: 0.000 min  
Response: 167379454  
Conc: 47.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



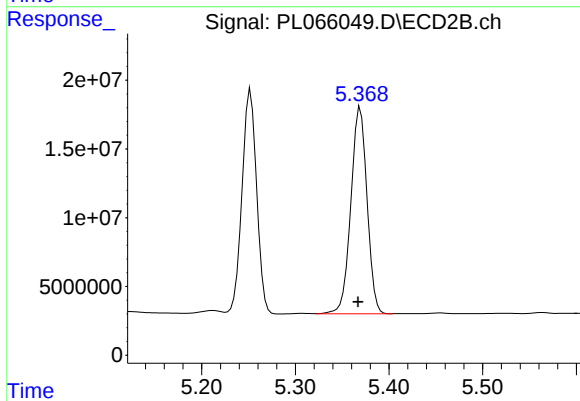
#3 gamma-BHC (Lindane)

R.T.: 4.853 min  
Delta R.T.: 0.002 min  
Response: 191054519  
Conc: 55.10 ng/ml



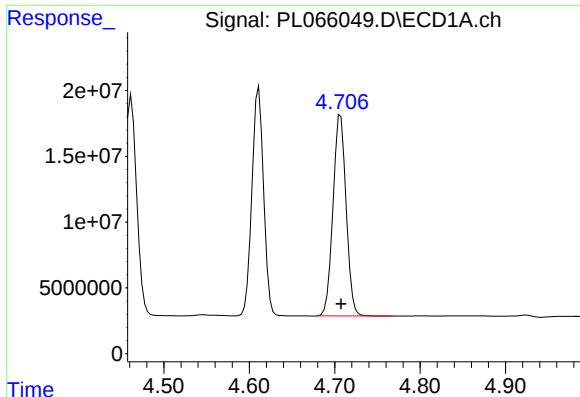
#4 Heptachlor

R.T.: 4.462 min  
Delta R.T.: 0.000 min  
Response: 170365275  
Conc: 46.00 ng/ml



#4 Heptachlor

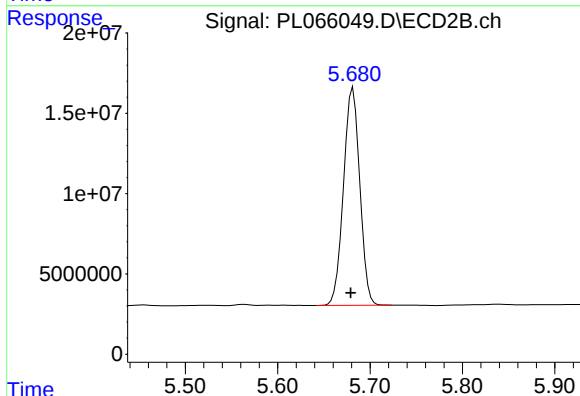
R.T.: 5.369 min  
Delta R.T.: 0.002 min  
Response: 180795097  
Conc: 52.48 ng/ml



#5 Aldrin

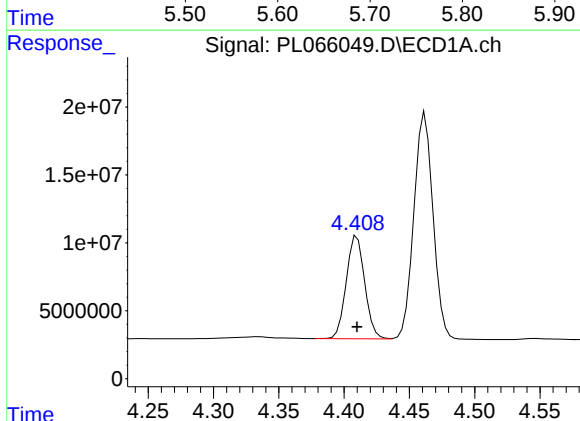
R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 163340312  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



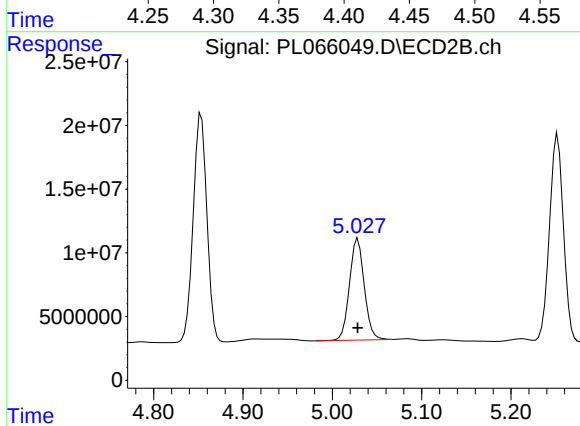
#5 Aldrin

R.T.: 5.682 min  
Delta R.T.: 0.002 min  
Response: 166135572  
Conc: 54.89 ng/ml



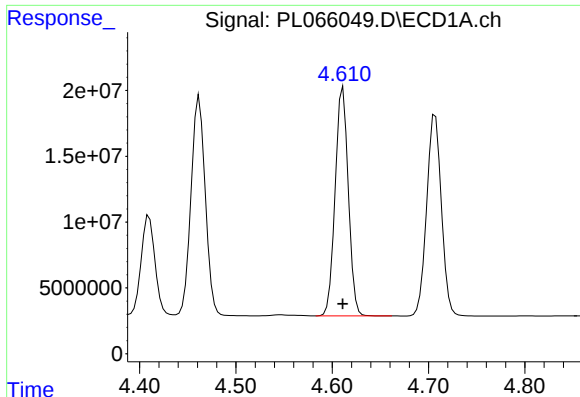
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.000 min  
Response: 74380779  
Conc: 43.17 ng/ml



#6 beta-BHC

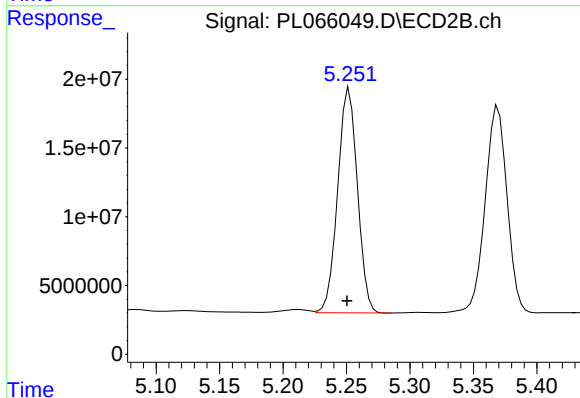
R.T.: 5.029 min  
Delta R.T.: 0.000 min  
Response: 91770675  
Conc: 52.02 ng/ml



#7 delta-BHC

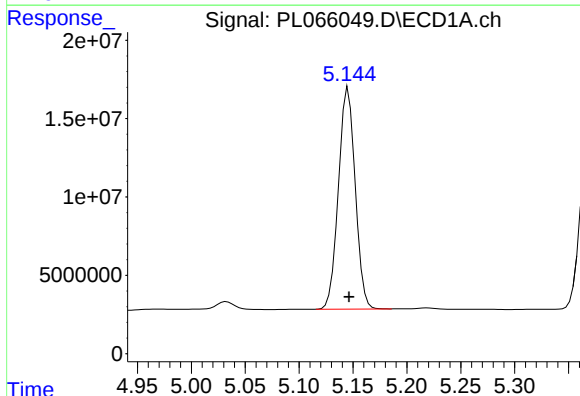
R.T.: 4.611 min  
Delta R.T.: 0.000 min  
Response: 165080044  
Conc: 46.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



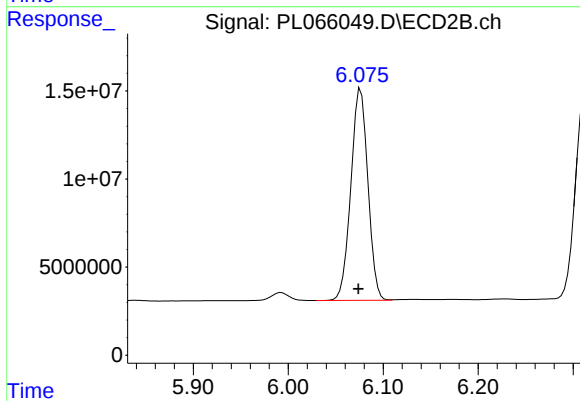
#7 delta-BHC

R.T.: 5.252 min  
Delta R.T.: 0.002 min  
Response: 176725200  
Conc: 52.81 ng/ml



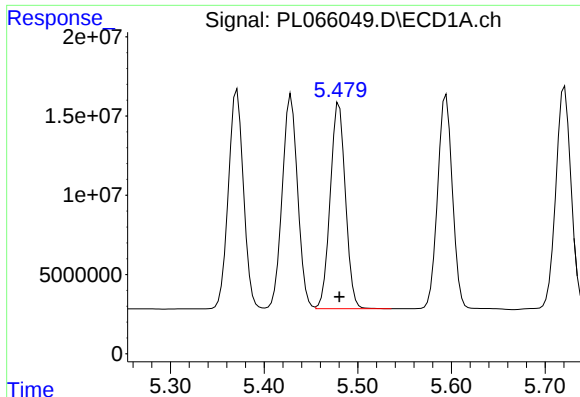
#8 Heptachlor epoxide

R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 153170231  
Conc: 46.98 ng/ml



#8 Heptachlor epoxide

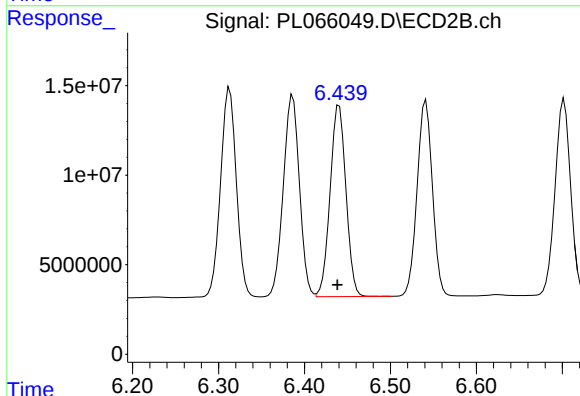
R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 149822462  
Conc: 52.74 ng/ml



#9 Endosulfan I

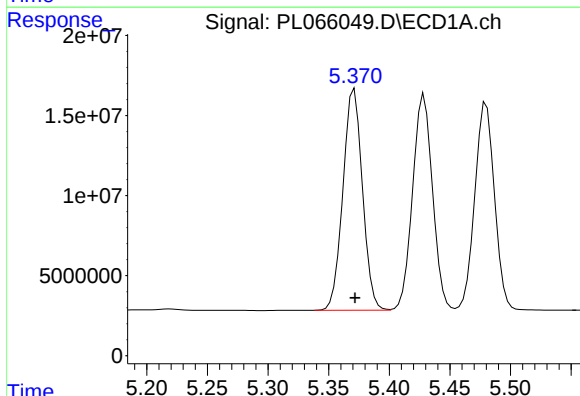
R.T.: 5.480 min  
Delta R.T.: 0.000 min  
Response: 146602628  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



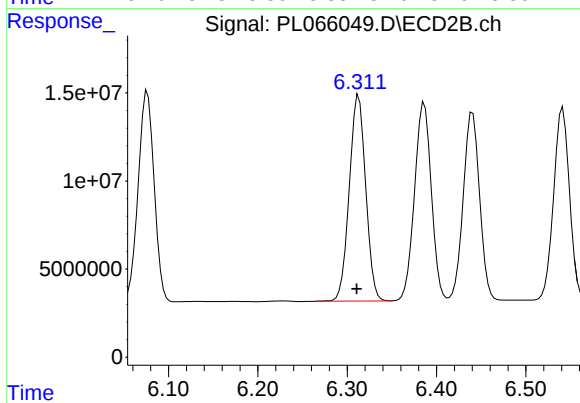
#9 Endosulfan I

R.T.: 6.440 min  
Delta R.T.: 0.002 min  
Response: 136611527  
Conc: 53.84 ng/ml



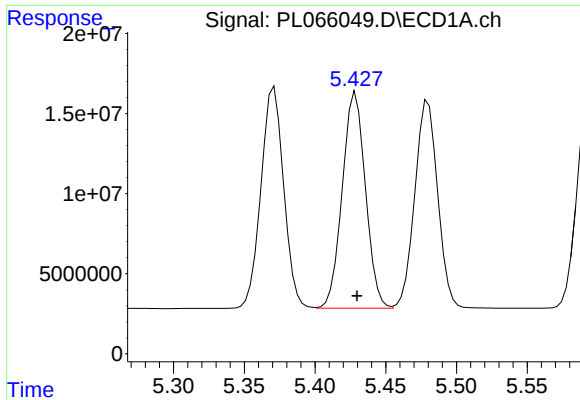
#10 gamma-Chlordane

R.T.: 5.371 min  
Delta R.T.: 0.000 min  
Response: 154749613  
Conc: 47.06 ng/ml



#10 gamma-Chlordane

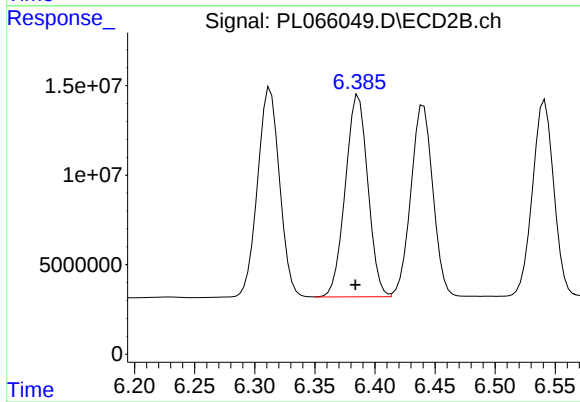
R.T.: 6.313 min  
Delta R.T.: 0.002 min  
Response: 149419161  
Conc: 53.89 ng/ml



#11 alpha-Chlordane

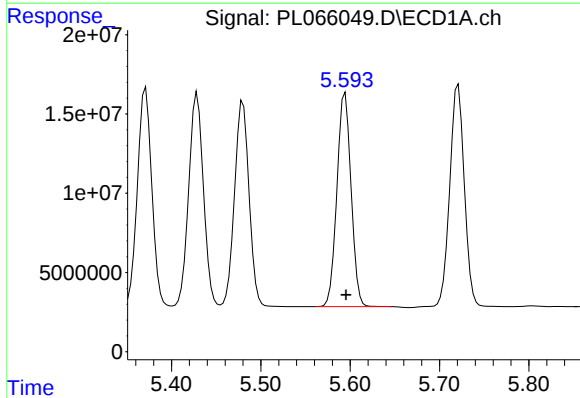
R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 154245263  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



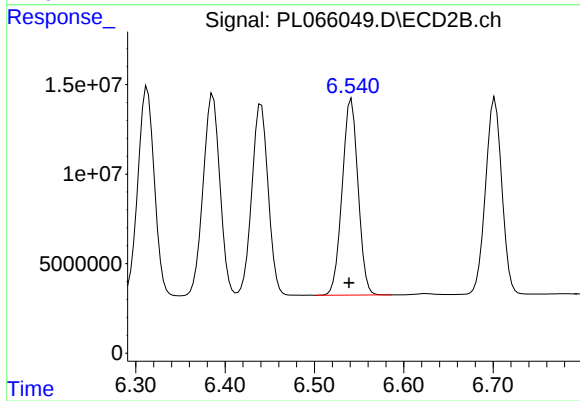
#11 alpha-Chlordane

R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 147394529  
Conc: 53.78 ng/ml



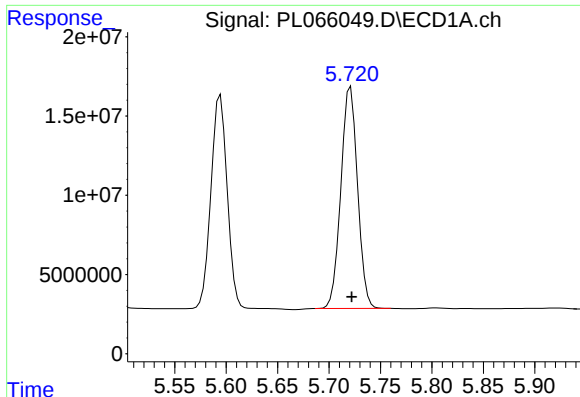
#12 4,4'-DDE

R.T.: 5.594 min  
Delta R.T.: 0.000 min  
Response: 148107725  
Conc: 48.50 ng/ml



#12 4,4'-DDE

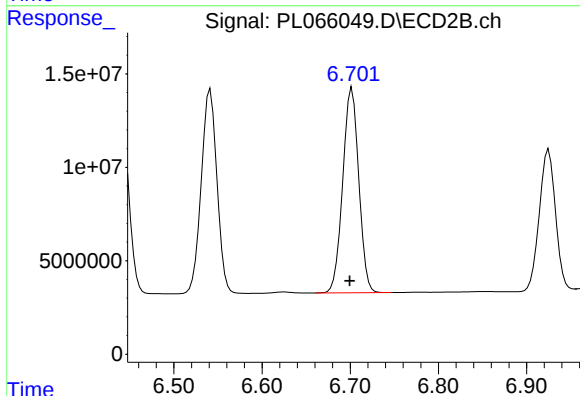
R.T.: 6.541 min  
Delta R.T.: 0.003 min  
Response: 135432293  
Conc: 54.37 ng/ml



#13 Dieldrin

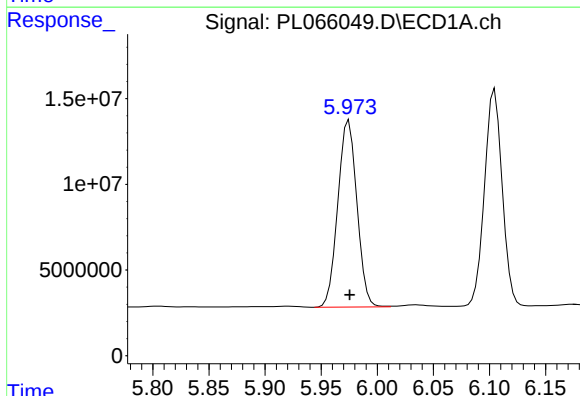
R.T.: 5.721 min  
Delta R.T.: 0.000 min  
Response: 157932267  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



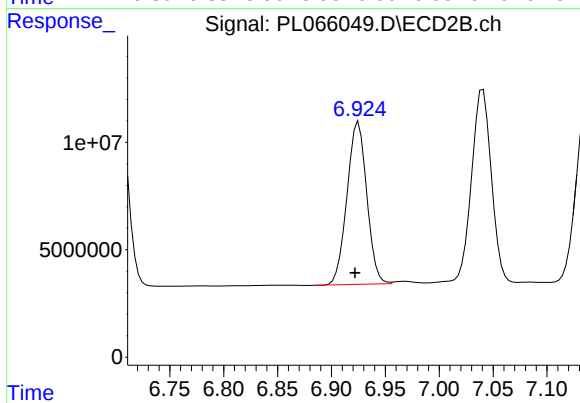
#13 Dieldrin

R.T.: 6.702 min  
Delta R.T.: 0.002 min  
Response: 138339663  
Conc: 53.99 ng/ml



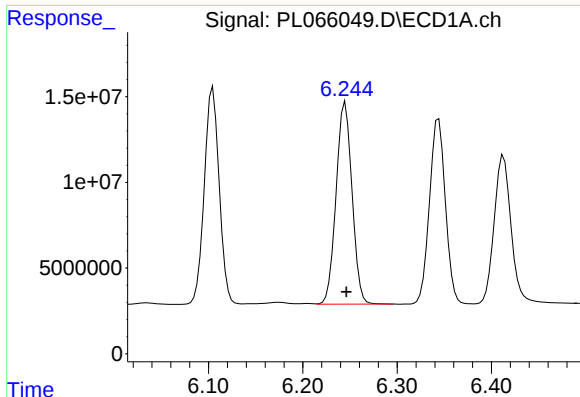
#14 Endrin

R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 128914322  
Conc: 43.74 ng/ml



#14 Endrin

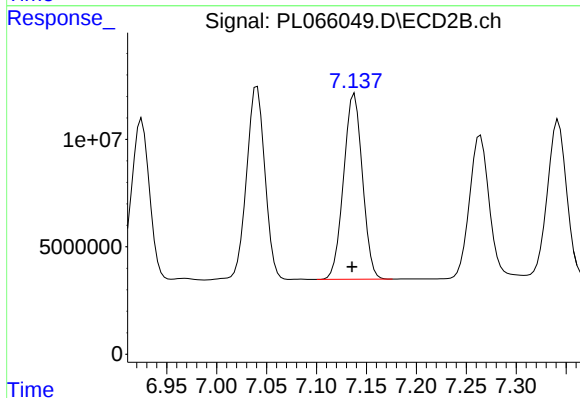
R.T.: 6.925 min  
Delta R.T.: 0.003 min  
Response: 96668999  
Conc: 51.59 ng/ml



#15 Endosulfan II

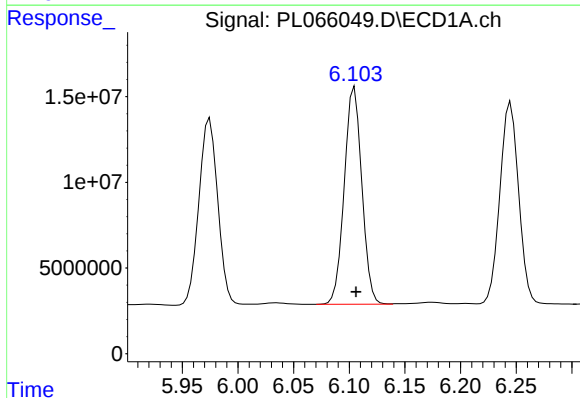
R.T.: 6.245 min  
Delta R.T.: -0.001 min  
Response: 138207100  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



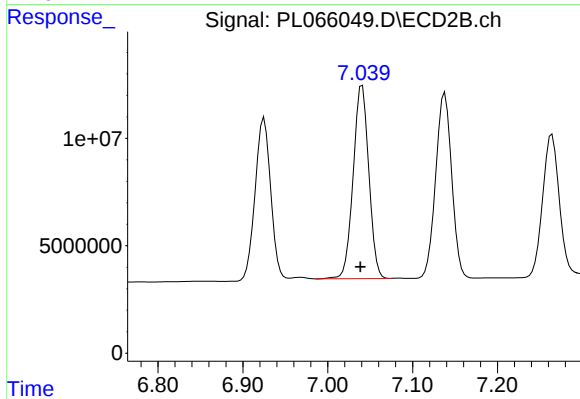
#15 Endosulfan II

R.T.: 7.138 min  
Delta R.T.: 0.002 min  
Response: 113351953  
Conc: 53.21 ng/ml



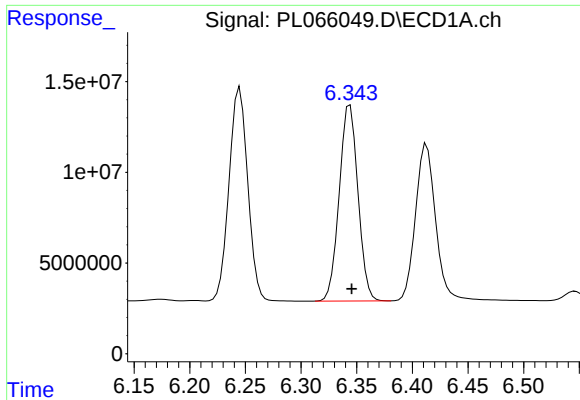
#16 4,4'-DDD

R.T.: 6.105 min  
Delta R.T.: -0.001 min  
Response: 139315152  
Conc: 48.76 ng/ml



#16 4,4'-DDD

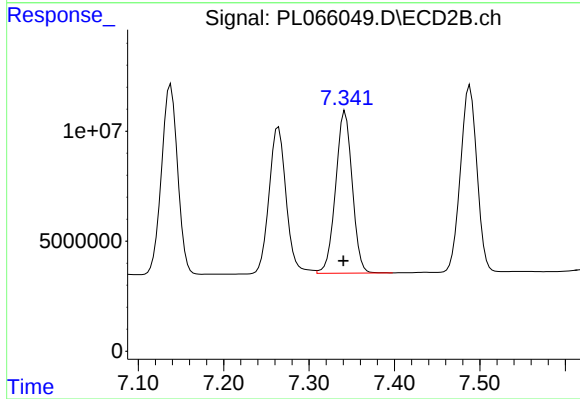
R.T.: 7.041 min  
Delta R.T.: 0.002 min  
Response: 115283880  
Conc: 55.31 ng/ml



#17 4,4'-DDT

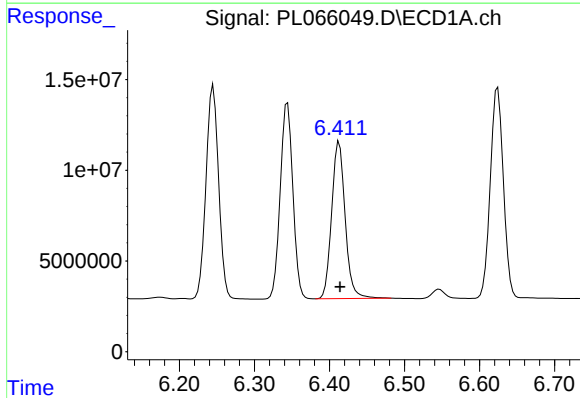
R.T.: 6.344 min  
Delta R.T.: -0.002 min  
Response: 126570159  
Conc: 44.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



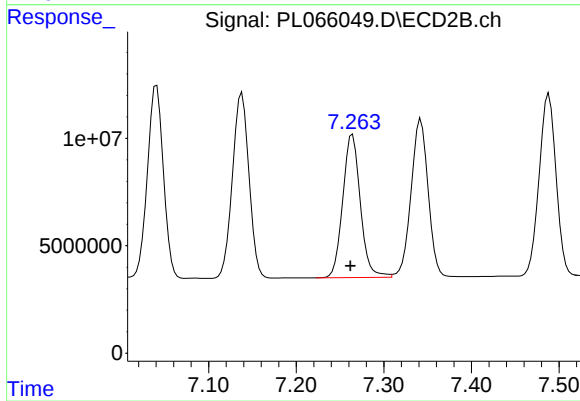
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: 0.002 min  
Response: 99550694  
Conc: 52.53 ng/ml



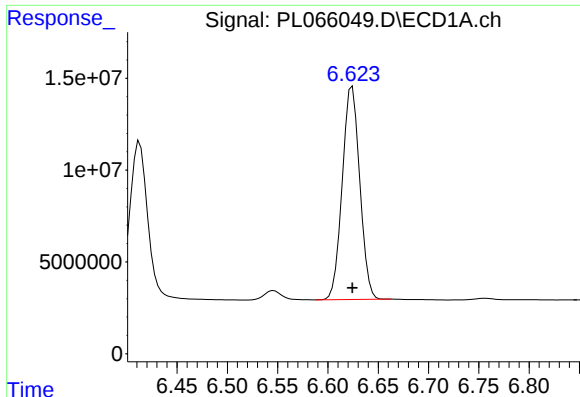
#18 Endrin aldehyde

R.T.: 6.413 min  
Delta R.T.: -0.001 min  
Response: 108214779  
Conc: 46.73 ng/ml



#18 Endrin aldehyde

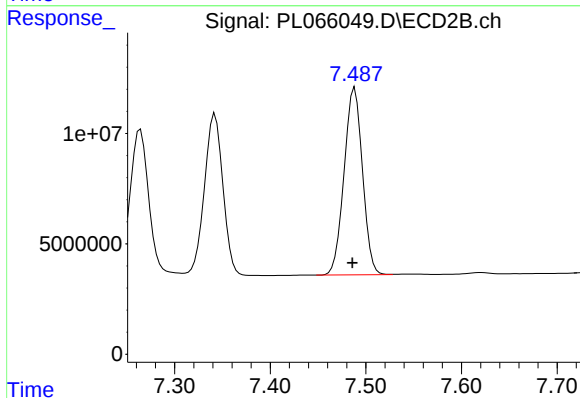
R.T.: 7.264 min  
Delta R.T.: 0.002 min  
Response: 92939913  
Conc: 53.57 ng/ml



#19 Endosulfan Sulfate

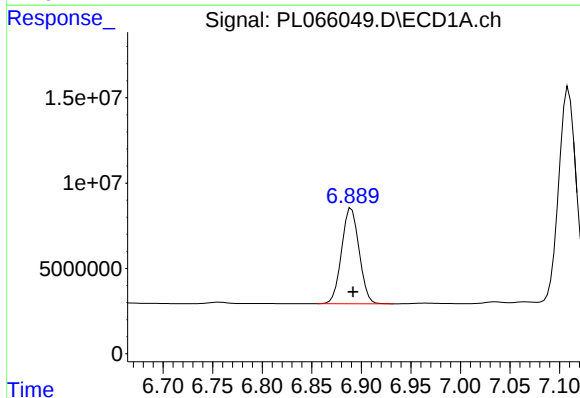
R.T.: 6.624 min  
Delta R.T.: 0.000 min  
Response: 140235813  
Conc: 45.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



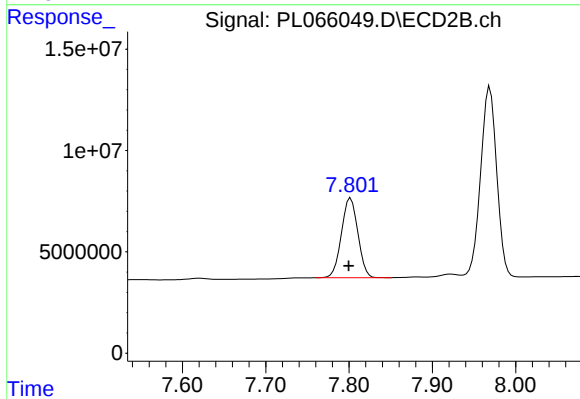
#19 Endosulfan Sulfate

R.T.: 7.488 min  
Delta R.T.: 0.003 min  
Response: 113816365  
Conc: 53.08 ng/ml



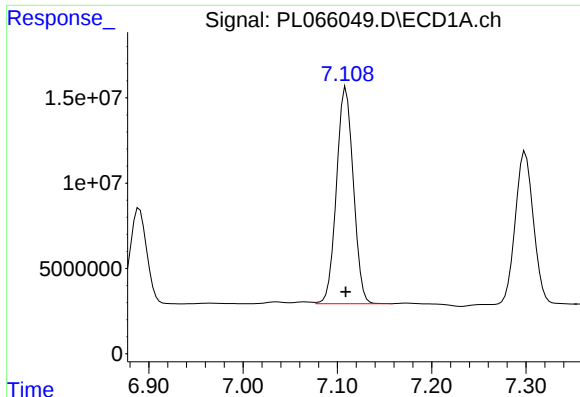
#20 Methoxychlor

R.T.: 6.890 min  
Delta R.T.: -0.002 min  
Response: 69012679  
Conc: 44.04 ng/ml



#20 Methoxychlor

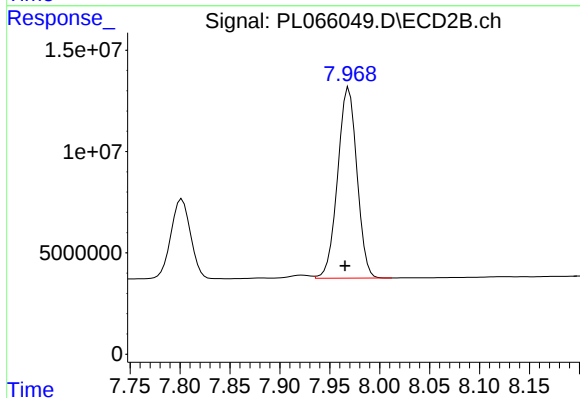
R.T.: 7.802 min  
Delta R.T.: 0.002 min  
Response: 53899116  
Conc: 53.46 ng/ml



#21 Endrin ketone

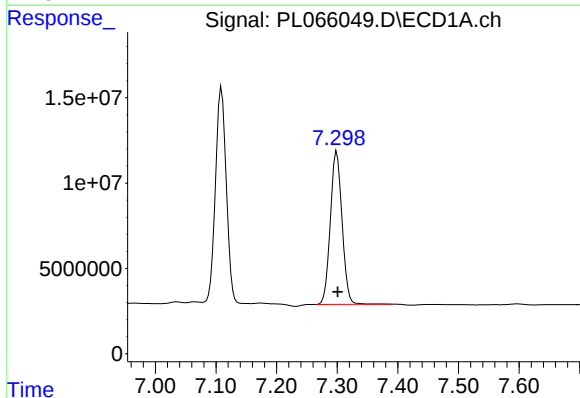
R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 157457605  
Conc: 48.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



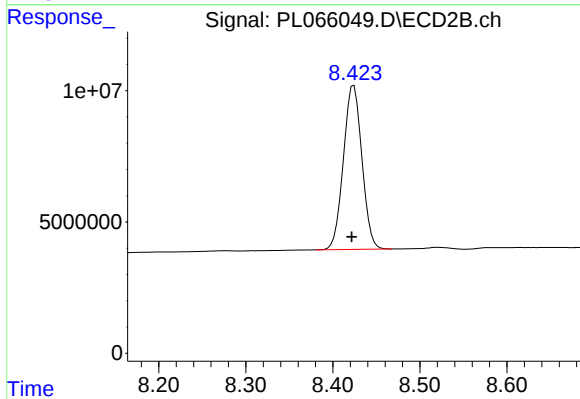
#21 Endrin ketone

R.T.: 7.969 min  
Delta R.T.: 0.004 min  
Response: 126632673  
Conc: 56.08 ng/ml



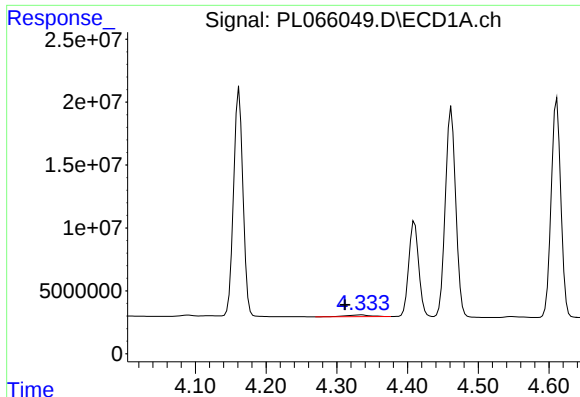
#22 Mirex

R.T.: 7.299 min  
Delta R.T.: -0.002 min  
Response: 120555668  
Conc: 46.65 ng/ml



#22 Mirex

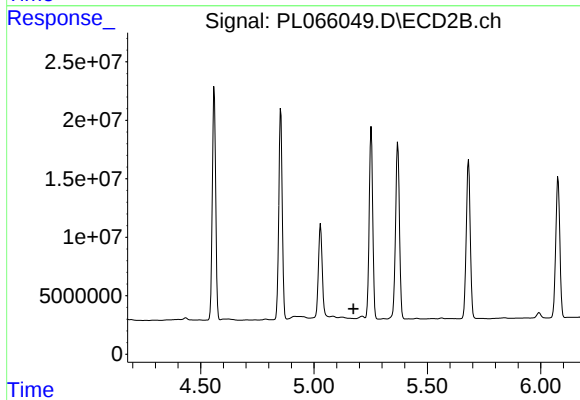
R.T.: 8.424 min  
Delta R.T.: 0.003 min  
Response: 92234100  
Conc: 54.75 ng/ml



#23 Chlordane-1

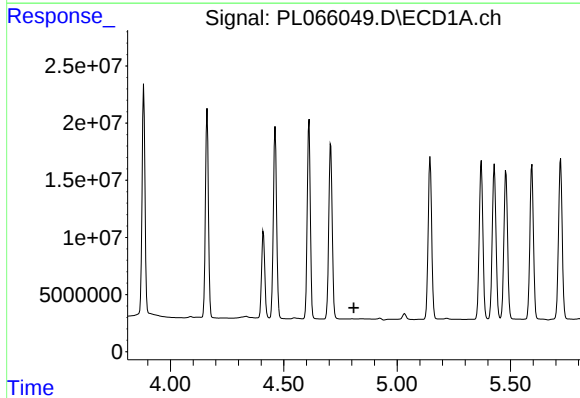
R.T.: 4.335 min  
Delta R.T.: 0.023 min  
Response: 3298070  
Conc: 31.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



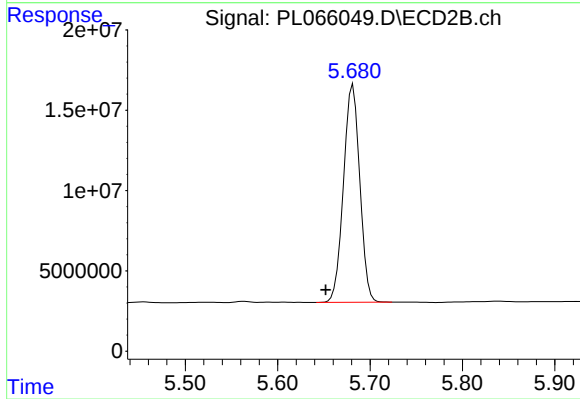
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.175 min  
Response: 0  
Conc: N.D.



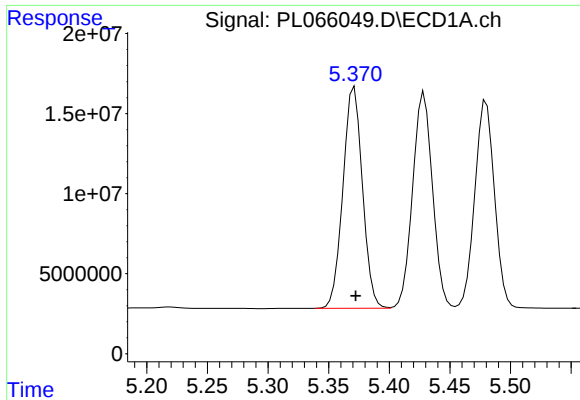
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.809 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

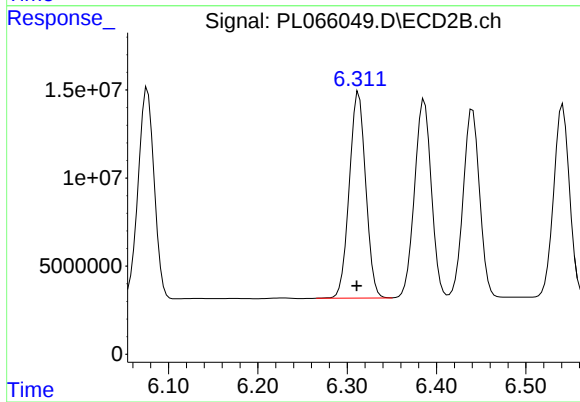
R.T.: 5.682 min  
Delta R.T.: 0.029 min  
Response: 166135572  
Conc: 1486.54 ng/ml



#25 Chlordane-3

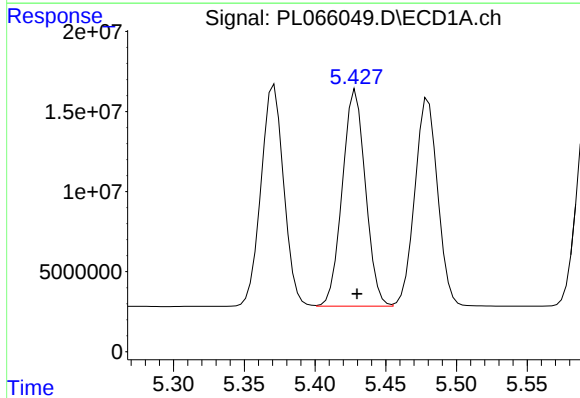
R.T.: 5.371 min  
Delta R.T.: -0.001 min  
Response: 154749613  
Conc: 472.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



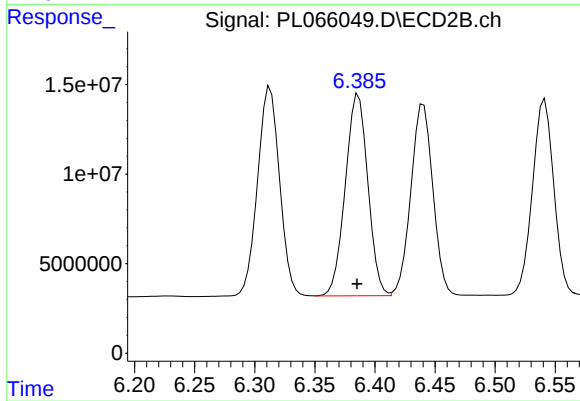
#25 Chlordane-3

R.T.: 6.313 min  
Delta R.T.: 0.002 min  
Response: 149419161  
Conc: 379.64 ng/ml



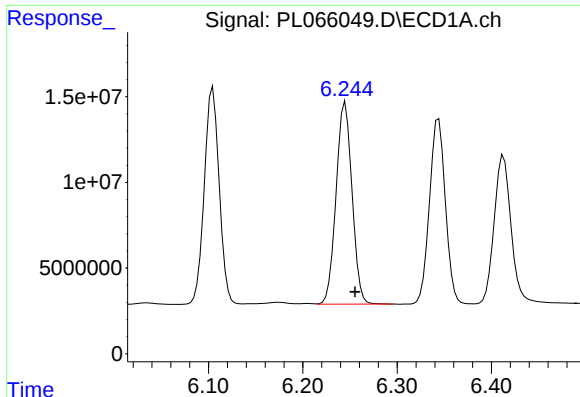
#26 Chlordane-4

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 154245263  
Conc: 563.33 ng/ml



#26 Chlordane-4

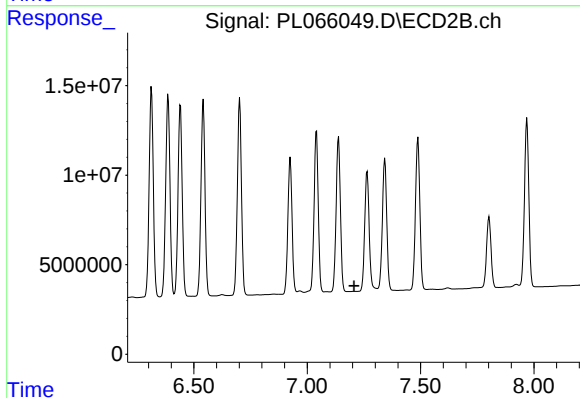
R.T.: 6.386 min  
Delta R.T.: 0.001 min  
Response: 147394529  
Conc: 308.88 ng/ml



#27 Chlordane-5

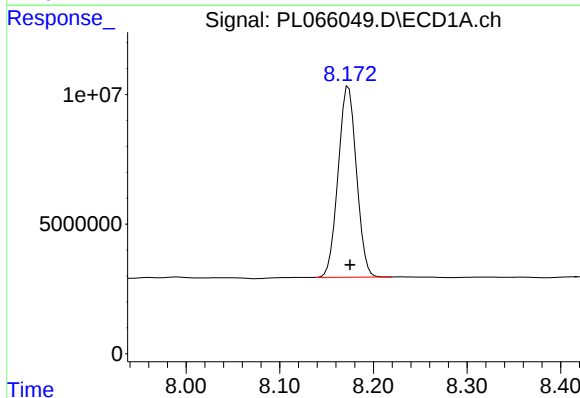
R.T.: 6.245 min  
Delta R.T.: -0.010 min  
Response: 138207100  
Conc: 1086.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



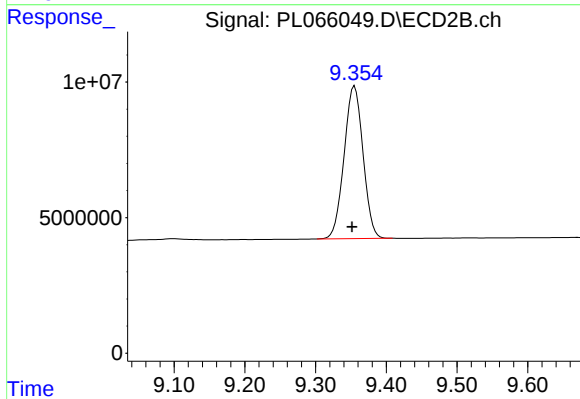
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.207 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.173 min  
Delta R.T.: -0.002 min  
Response: 100320565  
Conc: 46.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.355 min  
Delta R.T.: 0.004 min  
Response: 104792288  
Conc: 55.28 ng/ml