

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041621\  
 Data File : PL066267.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2021 22:39  
 Operator : AR\AJ  
 Sample : M2030-04MS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 23:15:56 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 14 15:37:20 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... | 3.446 | 4.155 | 53171181 | 74751586 | 20.890   | 18.583    |
| 28)                         | SA Decachlor... | 8.169 | 9.356 | 54397212 | 71290976 | 22.805   | 21.829    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.880 | 4.560 | 213.0E6  | 318.6E6  | 51.769   | 54.871    |
| 3)                          | MA gamma-BHC... | 4.160 | 4.853 | 211.8E6  | 298.8E6  | 54.340   | 56.119    |
| 4)                          | MA Heptachlor   | 4.459 | 5.369 | 215.5E6  | 306.9E6  | 51.944   | 55.131    |
| 5)                          | MB Aldrin       | 4.705 | 5.682 | 205.1E6  | 254.5E6  | 52.382   | 51.023    |
| 6)                          | B beta-BHC      | 4.409 | 5.029 | 90555012 | 144.4E6  | 51.384   | 58.454    |
| 7)                          | B delta-BHC     | 4.610 | 5.252 | 224.0E6  | 282.7E6  | 54.299   | 54.968    |
| 8)                          | B Heptachlo...  | 5.143 | 6.077 | 200.0E6  | 242.2E6  | 53.967   | 52.430    |
| 9)                          | A Endosulfan I  | 5.477 | 6.441 | 204.7E6  | 231.4E6  | 57.168   | 55.304    |
| 10)                         | B gamma-Chl...  | 5.368 | 6.313 | 212.5E6  | 253.6E6  | 57.394   | 55.576    |
| 11)                         | B alpha-Chl...  | 5.426 | 6.386 | 209.2E6  | 246.8E6  | 56.477   | 54.604    |
| 12)                         | B 4,4'-DDE      | 5.592 | 6.541 | 213.2E6  | 232.8E6  | 57.157   | 56.240    |
| 13)                         | MA Dieldrin     | 5.718 | 6.702 | 238.4E6  | 239.7E6  | 58.840   | 57.358    |
| 14)                         | MA Endrin       | 5.972 | 6.925 | 200.9E6  | 192.3E6  | 57.627   | 59.495    |
| 15)                         | B Endosulfa...  | 6.243 | 7.139 | 188.7E6  | 204.1E6  | 57.468   | 58.536    |
| 16)                         | A 4,4'-DDD      | 6.103 | 7.041 | 176.2E6  | 190.5E6  | 53.500   | 55.680    |
| 17)                         | MA 4,4'-DDT     | 6.343 | 7.343 | 183.8E6  | 194.3E6  | 57.675   | 57.289    |
| 18)                         | B Endrin al...  | 6.411 | 7.265 | 154.3E6  | 179.7E6  | 59.853   | 64.258    |
| 19)                         | B Endosulfa...  | 6.622 | 7.489 | 194.6E6  | 209.2E6  | 56.601   | 59.223    |
| 20)                         | A Methoxychlor  | 6.888 | 7.803 | 98780949 | 103.5E6  | 54.560   | 57.751    |
| 21)                         | B Endrin ke...  | 7.108 | 7.970 | 198.7E6  | 206.8E6  | 54.051   | 56.218    |
| 22)                         | Mirex           | 7.297 | 8.425 | 151.9E6  | 157.6E6  | 53.111   | 55.668    |
| 23)                         | Chlordane-1     | 4.310 | 0.000 | 1955187  | 0        | 17.103   | N.D. #    |
| 25)                         | Chlordane-3     | 5.368 | 6.313 | 212.5E6  | 253.6E6  | 584.693  | 385.753 # |
| 26)                         | Chlordane-4     | 5.426 | 6.386 | 209.2E6  | 246.8E6  | 662.977  | 314.187 # |
| 27)                         | Chlordane-5     | 6.243 | 0.000 | 188.7E6  | 0        | 1335.532 | N.D. #    |
| -----                       |                 |       |       |          |          |          |           |

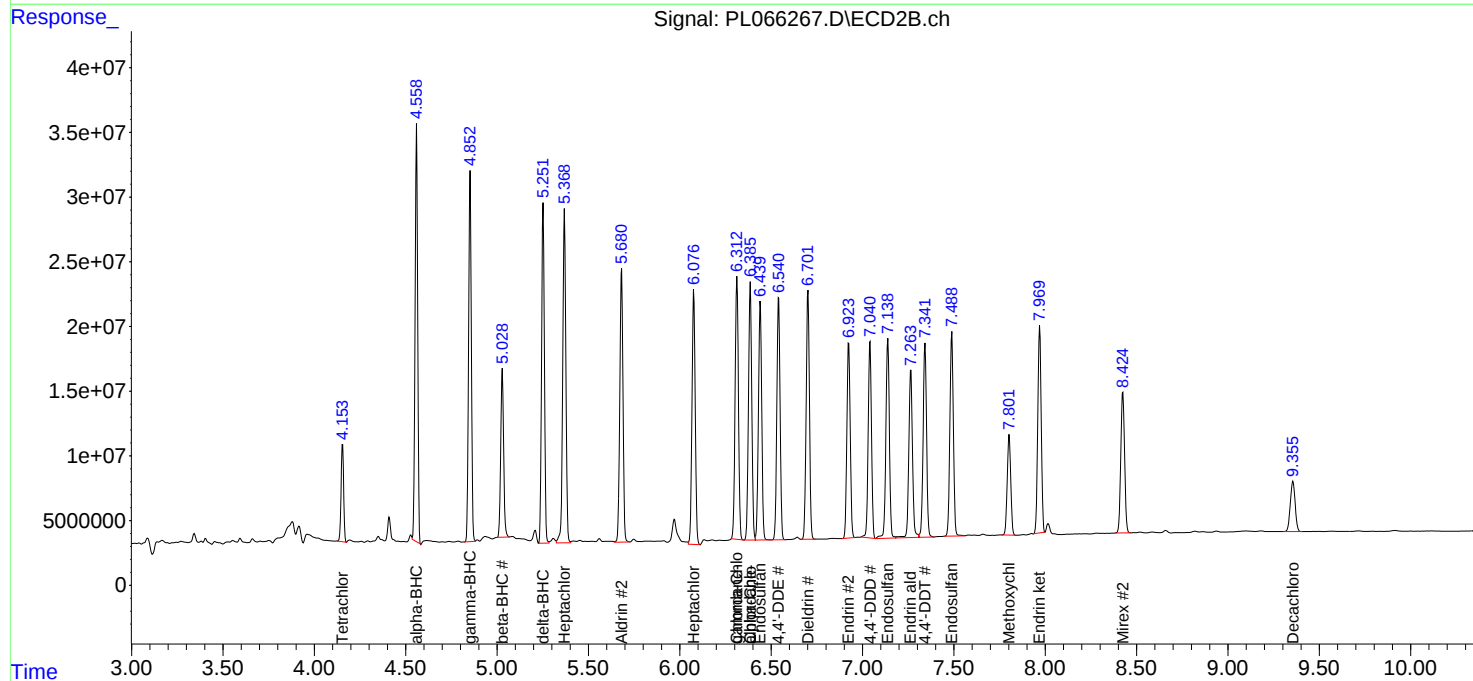
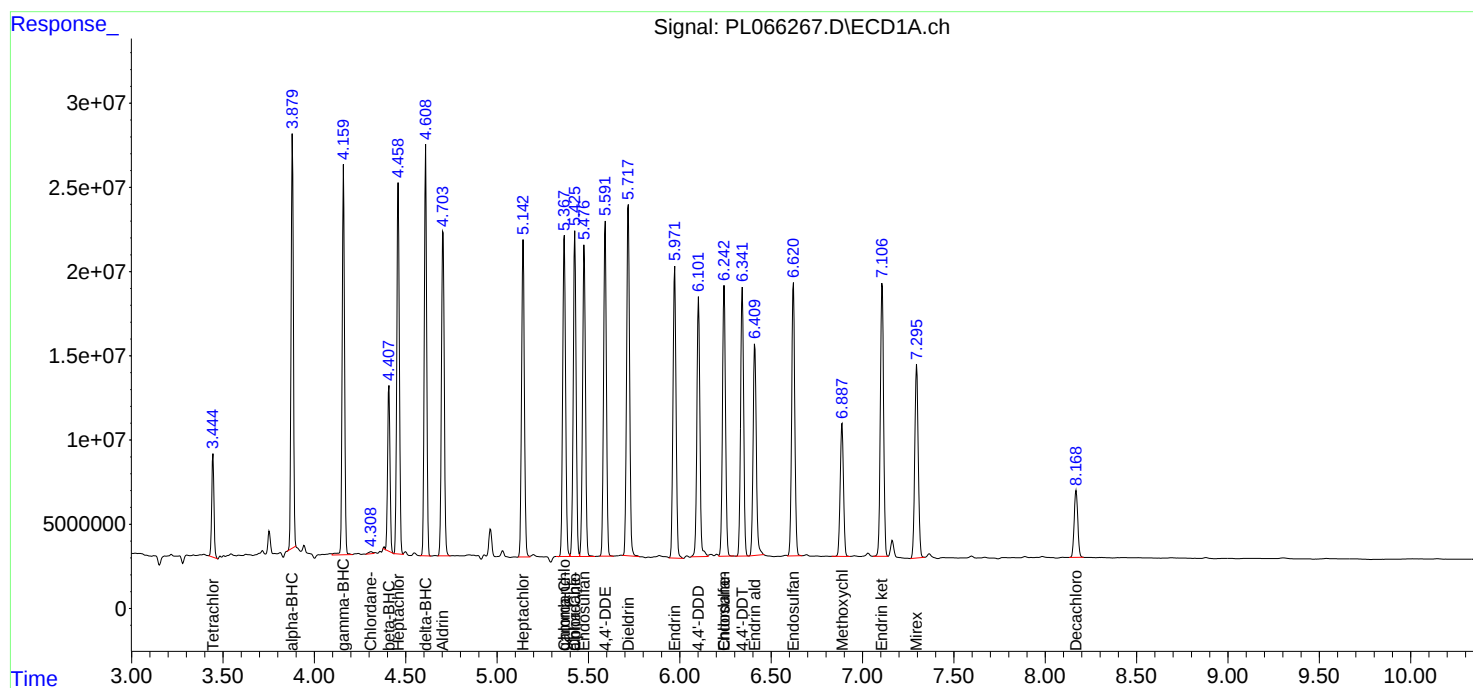
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

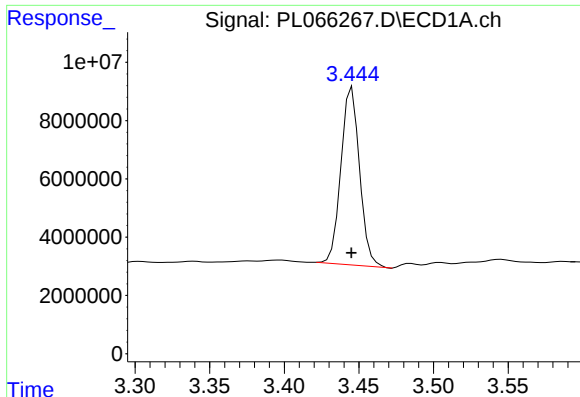
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041621\  
Data File : PL066267.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2021 22:39  
Operator : AR\AJ  
Sample : M2030-04MS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 23:15:56 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 14 15:37:20 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

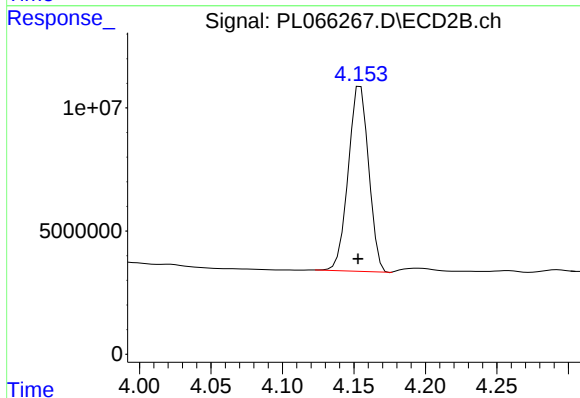




#1 Tetrachloro-m-xylene

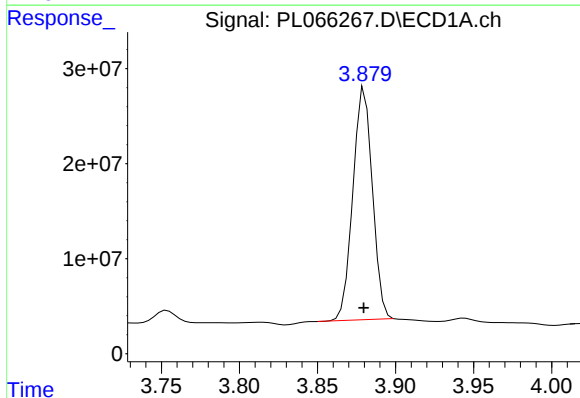
R.T.: 3.446 min  
Delta R.T.: 0.000 min  
Response: 53171181  
Conc: 20.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



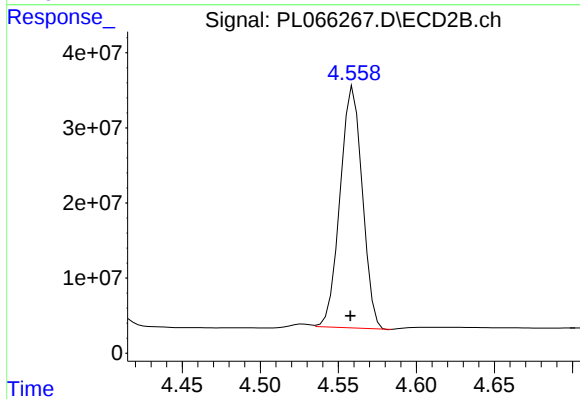
#1 Tetrachloro-m-xylene

R.T.: 4.155 min  
Delta R.T.: 0.002 min  
Response: 74751586  
Conc: 18.58 ng/ml



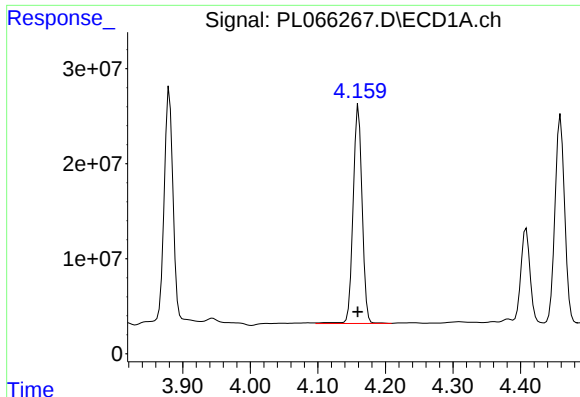
#2 alpha-BHC

R.T.: 3.880 min  
Delta R.T.: 0.000 min  
Response: 213017432  
Conc: 51.77 ng/ml



#2 alpha-BHC

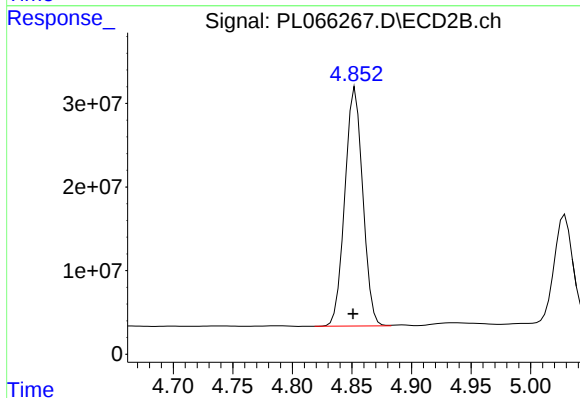
R.T.: 4.560 min  
Delta R.T.: 0.002 min  
Response: 318630268  
Conc: 54.87 ng/ml



#3 gamma-BHC (Lindane)

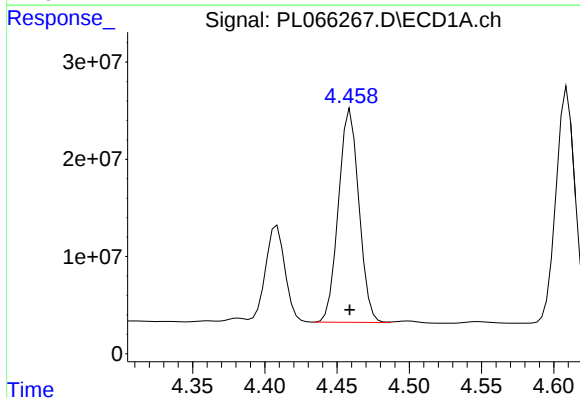
R.T.: 4.160 min  
Delta R.T.: 0.001 min  
Response: 211757470  
Conc: 54.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



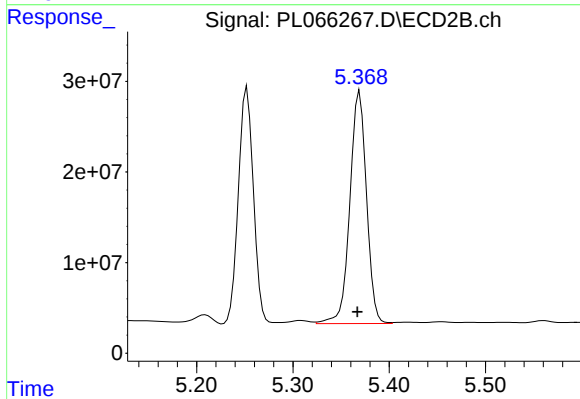
#3 gamma-BHC (Lindane)

R.T.: 4.853 min  
Delta R.T.: 0.002 min  
Response: 298769761  
Conc: 56.12 ng/ml



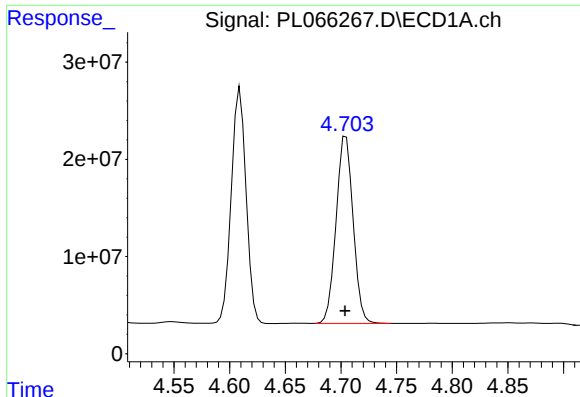
#4 Heptachlor

R.T.: 4.459 min  
Delta R.T.: 0.000 min  
Response: 215455618  
Conc: 51.94 ng/ml



#4 Heptachlor

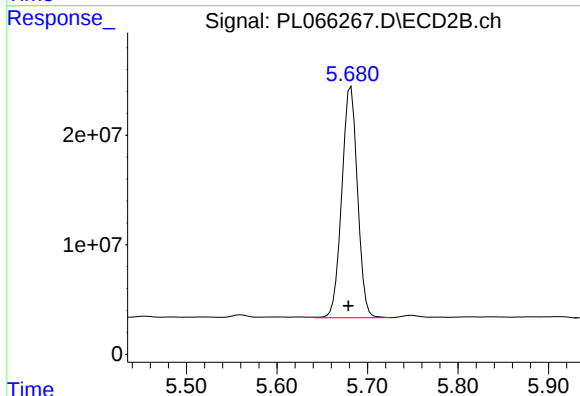
R.T.: 5.369 min  
Delta R.T.: 0.002 min  
Response: 306853590  
Conc: 55.13 ng/ml



#5 Aldrin

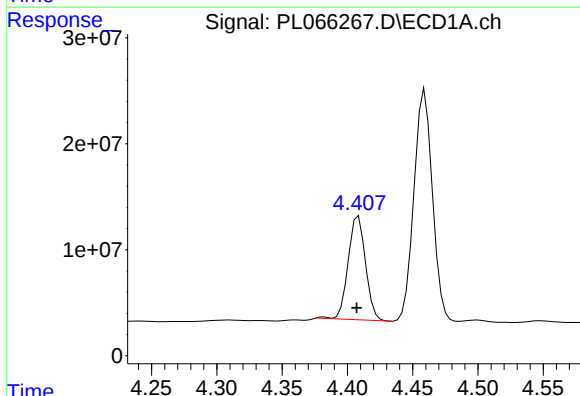
R.T.: 4.705 min  
Delta R.T.: 0.000 min  
Response: 205140247  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



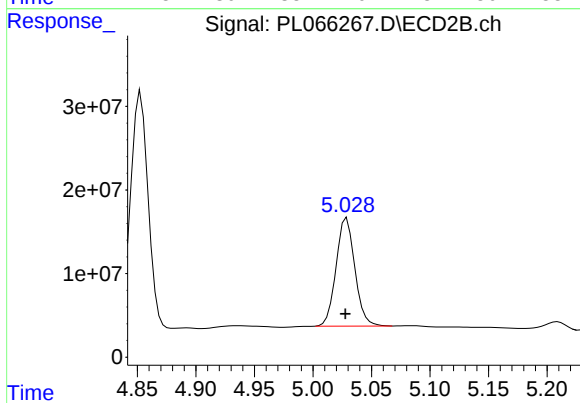
#5 Aldrin

R.T.: 5.682 min  
Delta R.T.: 0.003 min  
Response: 254521171  
Conc: 51.02 ng/ml



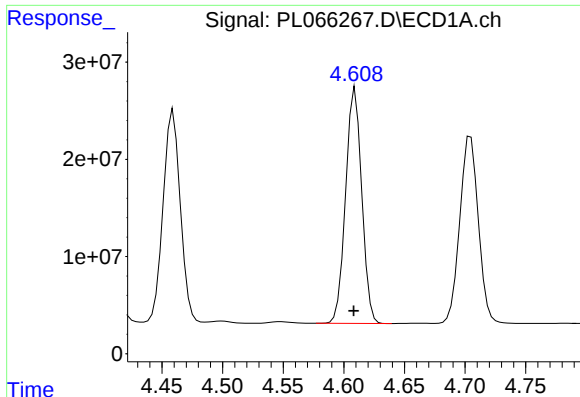
#6 beta-BHC

R.T.: 4.409 min  
Delta R.T.: 0.001 min  
Response: 90555012  
Conc: 51.38 ng/ml



#6 beta-BHC

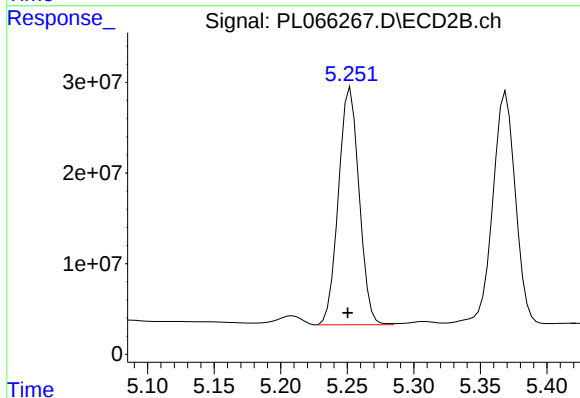
R.T.: 5.029 min  
Delta R.T.: 0.001 min  
Response: 144433543  
Conc: 58.45 ng/ml



#7 delta-BHC

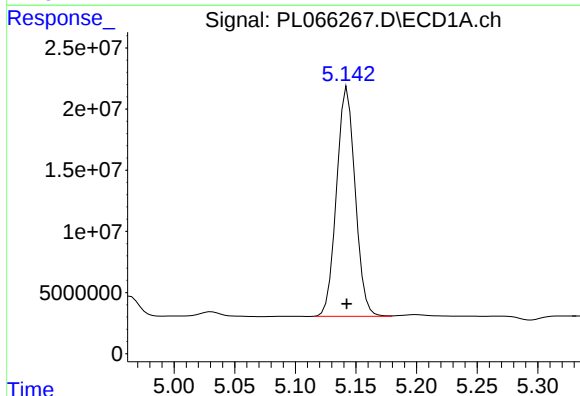
R.T.: 4.610 min  
Delta R.T.: 0.001 min  
Response: 223985183  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



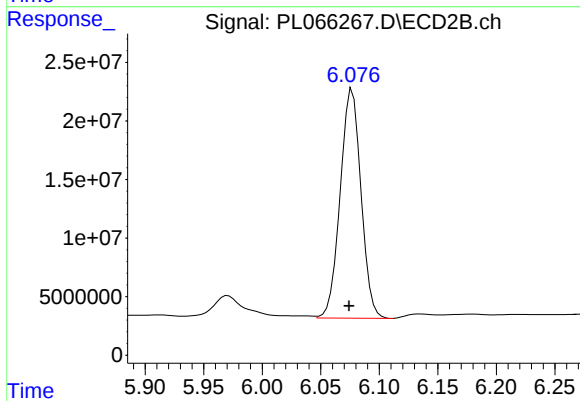
#7 delta-BHC

R.T.: 5.252 min  
Delta R.T.: 0.002 min  
Response: 282659900  
Conc: 54.97 ng/ml



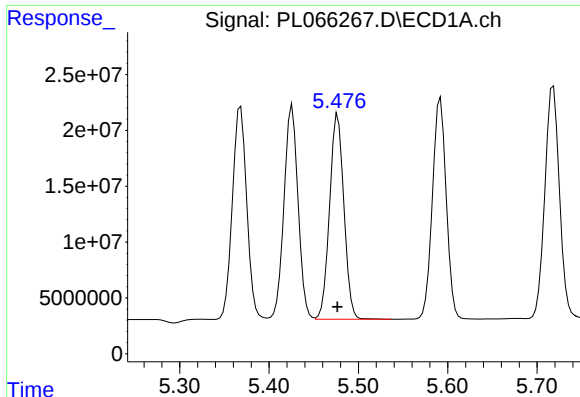
#8 Heptachlor epoxide

R.T.: 5.143 min  
Delta R.T.: 0.000 min  
Response: 199970562  
Conc: 53.97 ng/ml



#8 Heptachlor epoxide

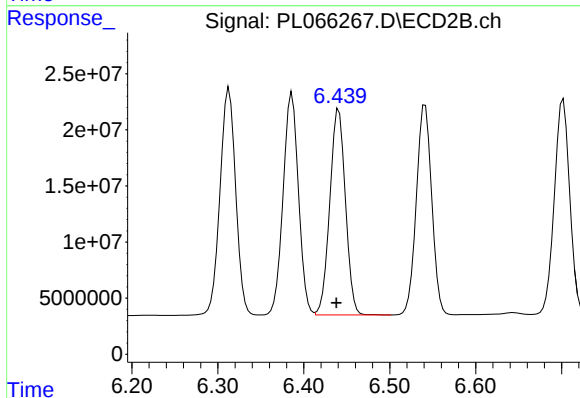
R.T.: 6.077 min  
Delta R.T.: 0.003 min  
Response: 242167060  
Conc: 52.43 ng/ml



#9 Endosulfan I

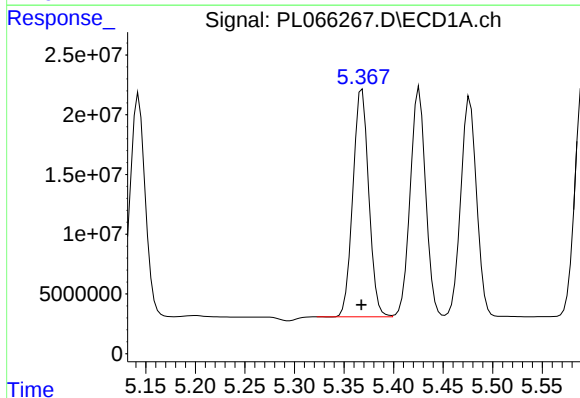
R.T.: 5.477 min  
Delta R.T.: 0.000 min  
Response: 204690209  
Conc: 57.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



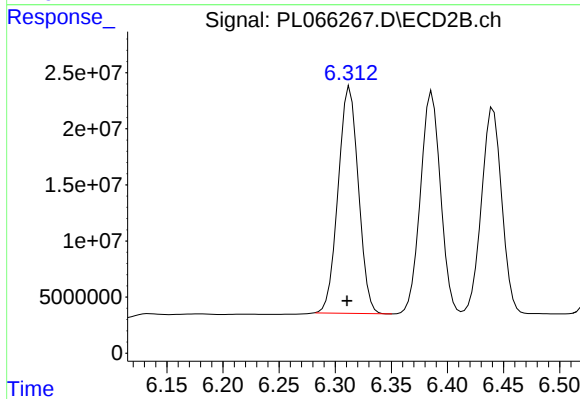
#9 Endosulfan I

R.T.: 6.441 min  
Delta R.T.: 0.003 min  
Response: 231416518  
Conc: 55.30 ng/ml



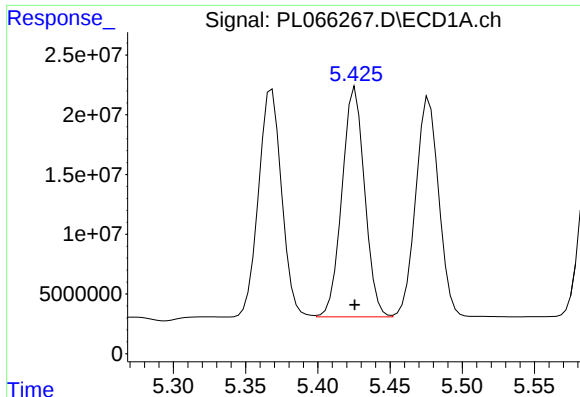
#10 gamma-Chlordane

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 212510359  
Conc: 57.39 ng/ml



#10 gamma-Chlordane

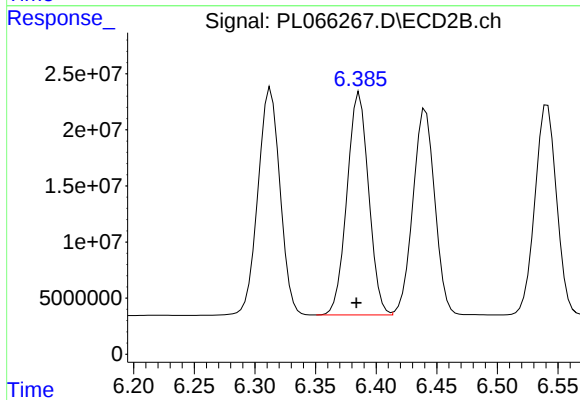
R.T.: 6.313 min  
Delta R.T.: 0.003 min  
Response: 253644284  
Conc: 55.58 ng/ml



#11 alpha-Chlordane

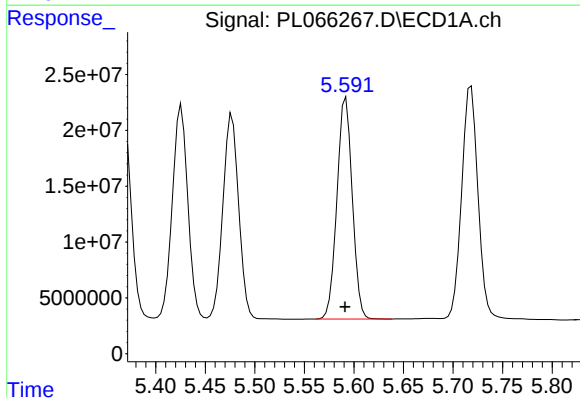
R.T.: 5.426 min  
Delta R.T.: 0.000 min  
Response: 209177218  
Conc: 56.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



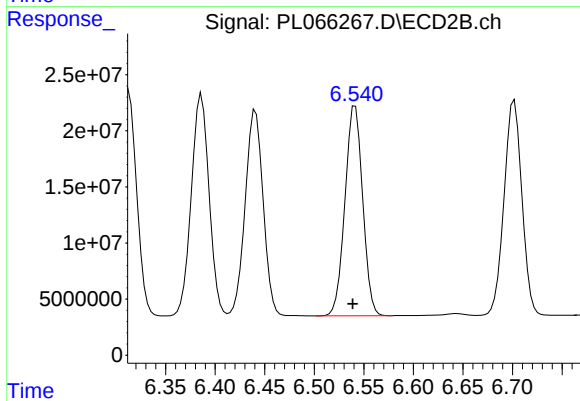
#11 alpha-Chlordane

R.T.: 6.386 min  
Delta R.T.: 0.002 min  
Response: 246807727  
Conc: 54.60 ng/ml



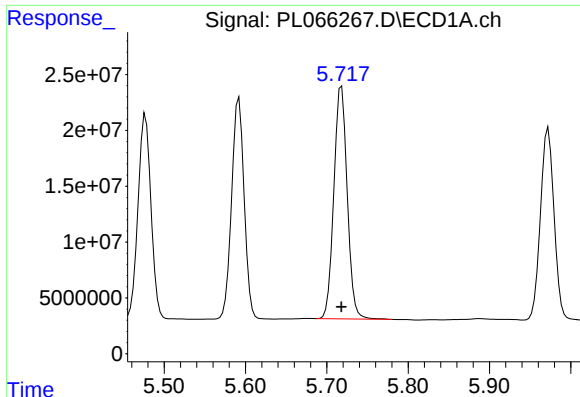
#12 4,4'-DDE

R.T.: 5.592 min  
Delta R.T.: 0.000 min  
Response: 213203516  
Conc: 57.16 ng/ml



#12 4,4'-DDE

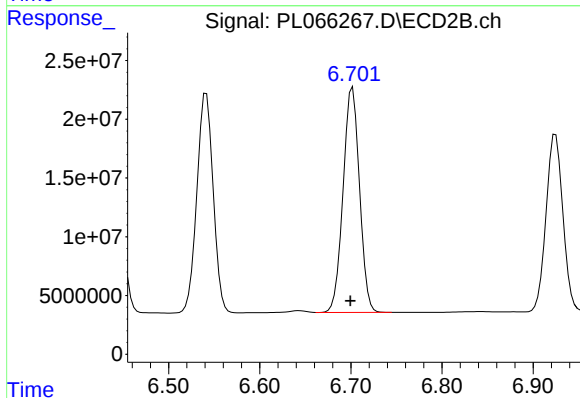
R.T.: 6.541 min  
Delta R.T.: 0.002 min  
Response: 232785180  
Conc: 56.24 ng/ml



#13 Dieldrin

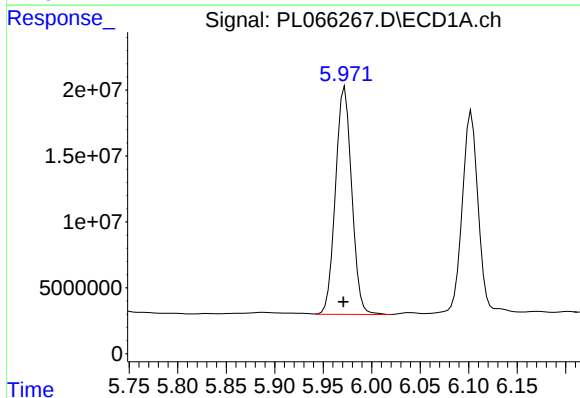
R.T.: 5.718 min  
Delta R.T.: 0.000 min  
Response: 238367619  
Conc: 58.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



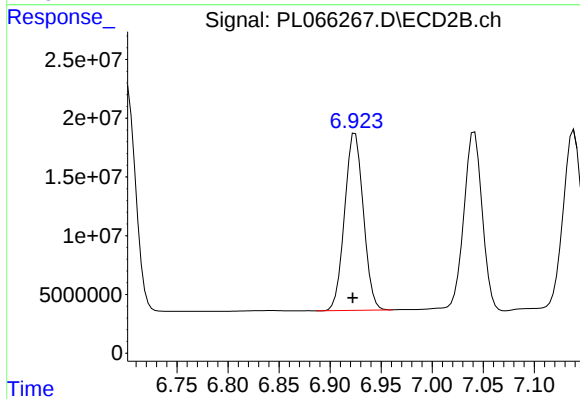
#13 Dieldrin

R.T.: 6.702 min  
Delta R.T.: 0.003 min  
Response: 239654395  
Conc: 57.36 ng/ml



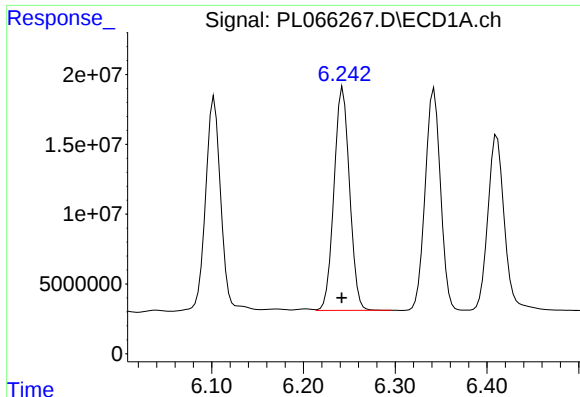
#14 Endrin

R.T.: 5.972 min  
Delta R.T.: 0.001 min  
Response: 200929154  
Conc: 57.63 ng/ml



#14 Endrin

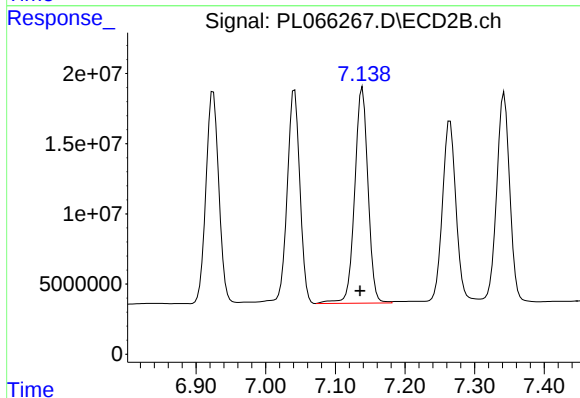
R.T.: 6.925 min  
Delta R.T.: 0.003 min  
Response: 192261314  
Conc: 59.49 ng/ml



#15 Endosulfan II

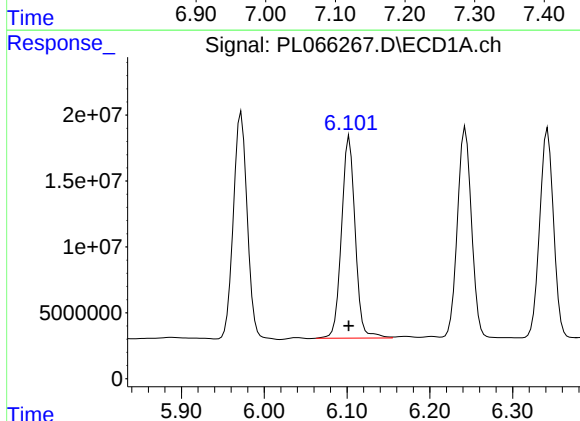
R.T.: 6.243 min  
Delta R.T.: 0.001 min  
Response: 188686298  
Conc: 57.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



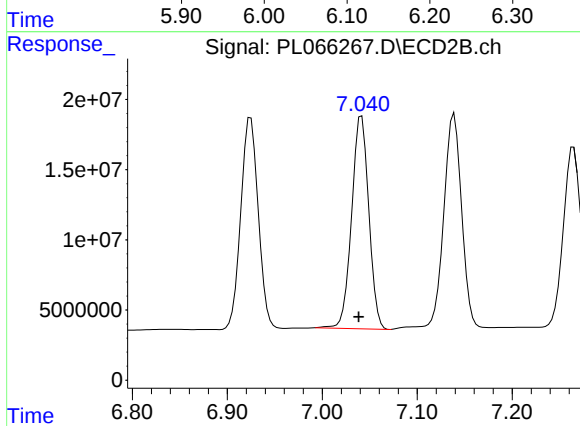
#15 Endosulfan II

R.T.: 7.139 min  
Delta R.T.: 0.003 min  
Response: 204054033  
Conc: 58.54 ng/ml



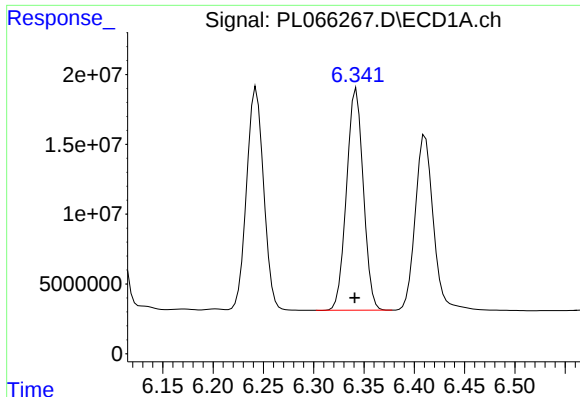
#16 4,4'-DDD

R.T.: 6.103 min  
Delta R.T.: 0.000 min  
Response: 176176933  
Conc: 53.50 ng/ml



#16 4,4'-DDD

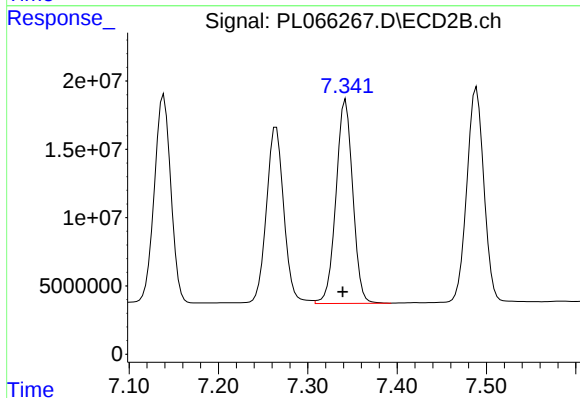
R.T.: 7.041 min  
Delta R.T.: 0.003 min  
Response: 190548153  
Conc: 55.68 ng/ml



#17 4,4'-DDT

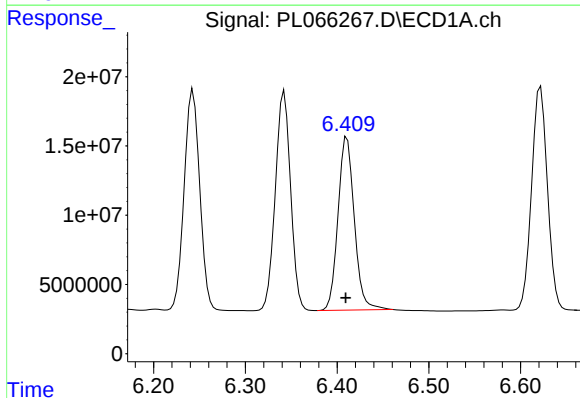
R.T.: 6.343 min  
Delta R.T.: 0.002 min  
Response: 183827119  
Conc: 57.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



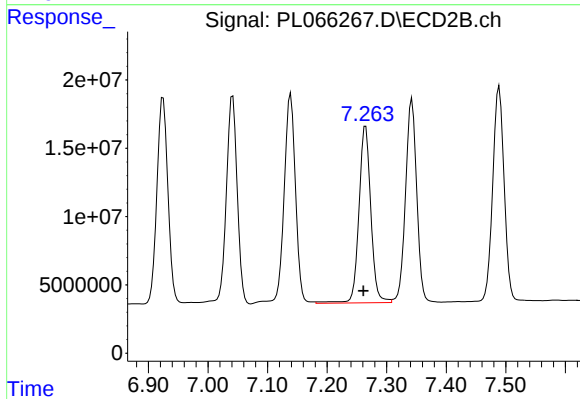
#17 4,4'-DDT

R.T.: 7.343 min  
Delta R.T.: 0.003 min  
Response: 194344550  
Conc: 57.29 ng/ml



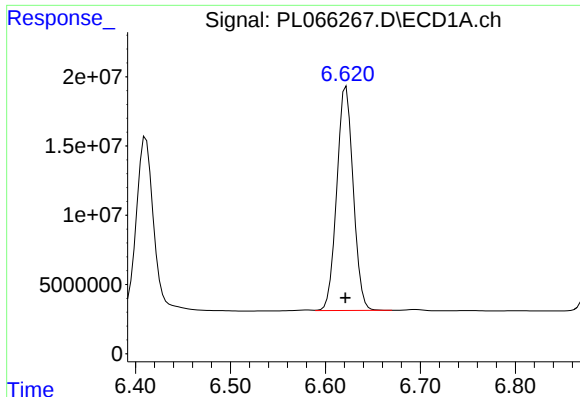
#18 Endrin aldehyde

R.T.: 6.411 min  
Delta R.T.: 0.001 min  
Response: 154304977  
Conc: 59.85 ng/ml



#18 Endrin aldehyde

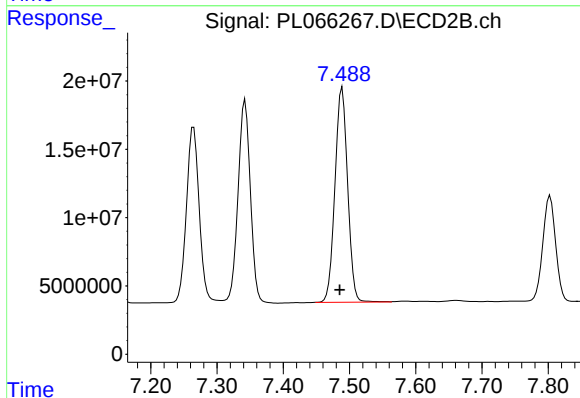
R.T.: 7.265 min  
Delta R.T.: 0.004 min  
Response: 179732570  
Conc: 64.26 ng/ml



#19 Endosulfan Sulfate

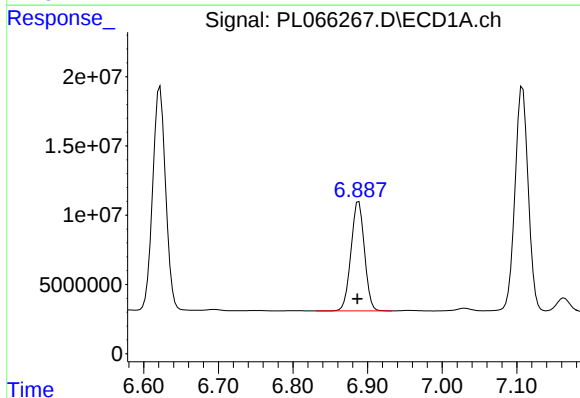
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 194581841  
Conc: 56.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



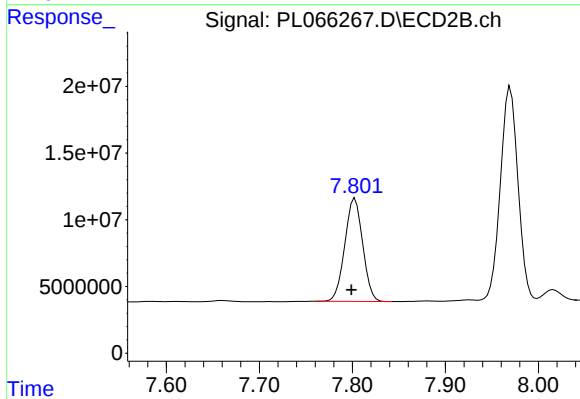
#19 Endosulfan Sulfate

R.T.: 7.489 min  
Delta R.T.: 0.004 min  
Response: 209224509  
Conc: 59.22 ng/ml



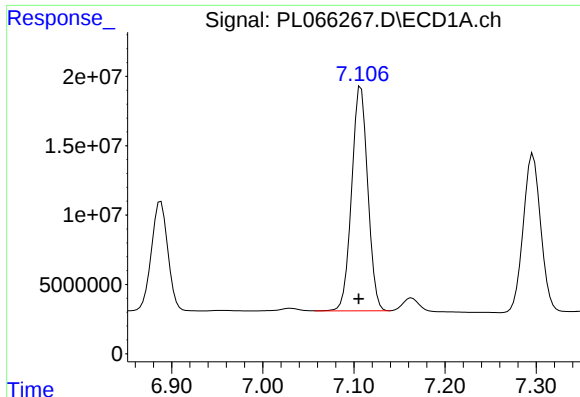
#20 Methoxychlor

R.T.: 6.888 min  
Delta R.T.: 0.002 min  
Response: 98780949  
Conc: 54.56 ng/ml



#20 Methoxychlor

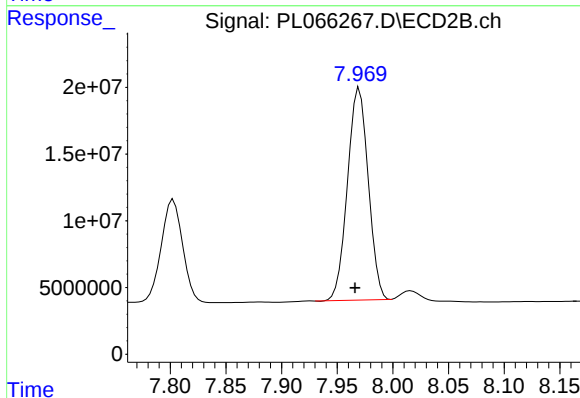
R.T.: 7.803 min  
Delta R.T.: 0.004 min  
Response: 103483490  
Conc: 57.75 ng/ml



#21 Endrin ketone

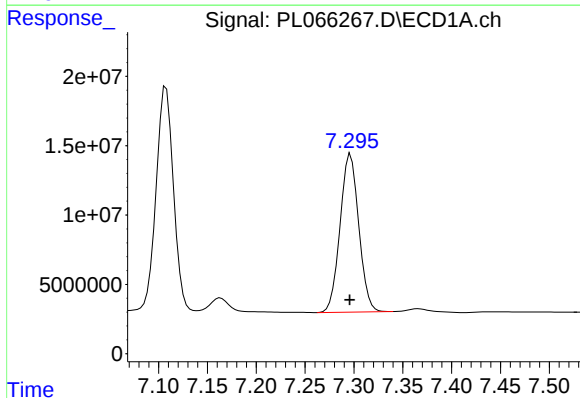
R.T.: 7.108 min  
Delta R.T.: 0.002 min  
Response: 198736064  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



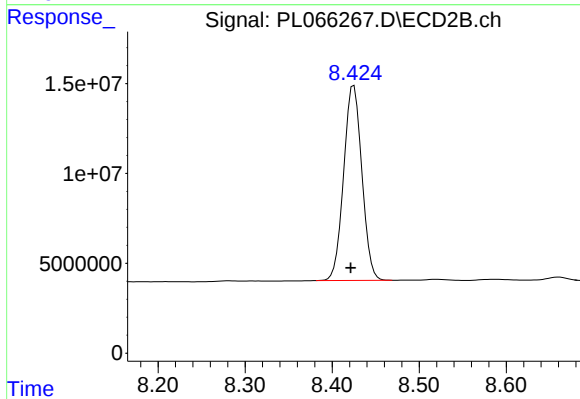
#21 Endrin ketone

R.T.: 7.970 min  
Delta R.T.: 0.004 min  
Response: 206808309  
Conc: 56.22 ng/ml



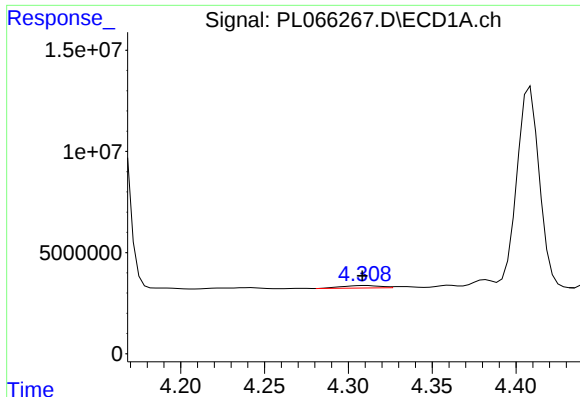
#22 Mirex

R.T.: 7.297 min  
Delta R.T.: 0.000 min  
Response: 151895906  
Conc: 53.11 ng/ml



#22 Mirex

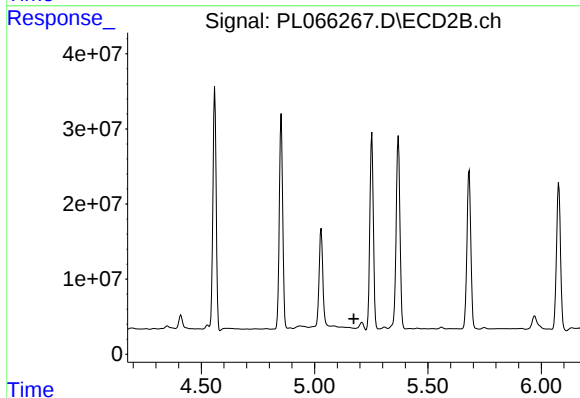
R.T.: 8.425 min  
Delta R.T.: 0.004 min  
Response: 157575418  
Conc: 55.67 ng/ml



#23 Chlordane-1

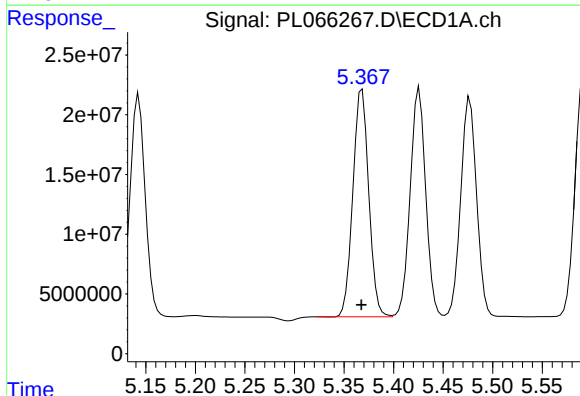
R.T.: 4.310 min  
Delta R.T.: 0.002 min  
Response: 1955187  
Conc: 17.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



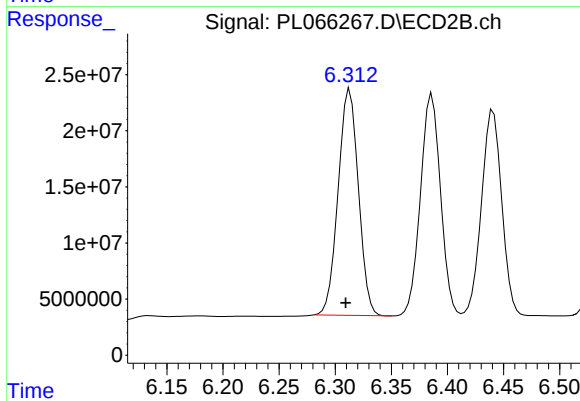
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.173 min  
Response: 0  
Conc: N.D.



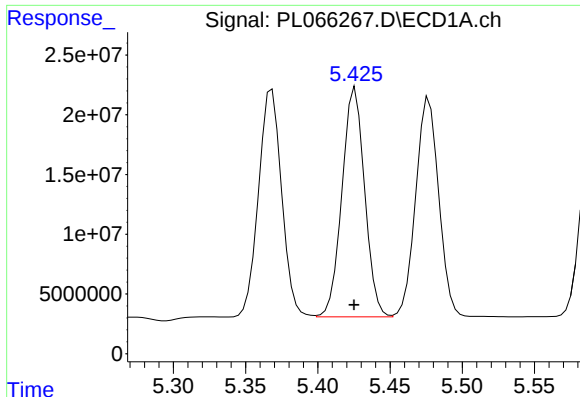
#25 Chlordane-3

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 212510359  
Conc: 584.69 ng/ml



#25 Chlordane-3

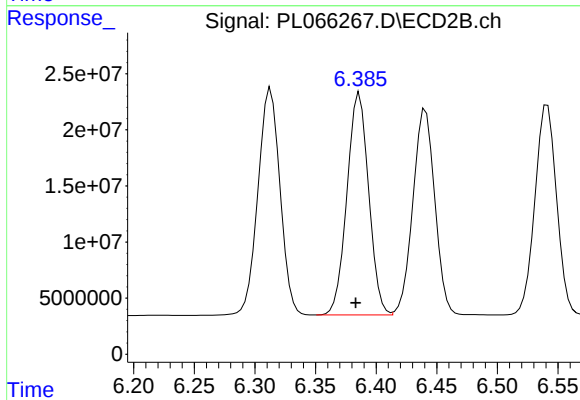
R.T.: 6.313 min  
Delta R.T.: 0.004 min  
Response: 253644284  
Conc: 385.75 ng/ml



#26 Chlordane-4

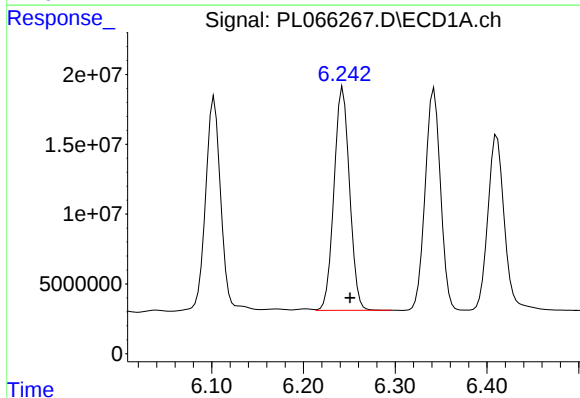
R.T.: 5.426 min  
Delta R.T.: 0.000 min  
Response: 209177218  
Conc: 662.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



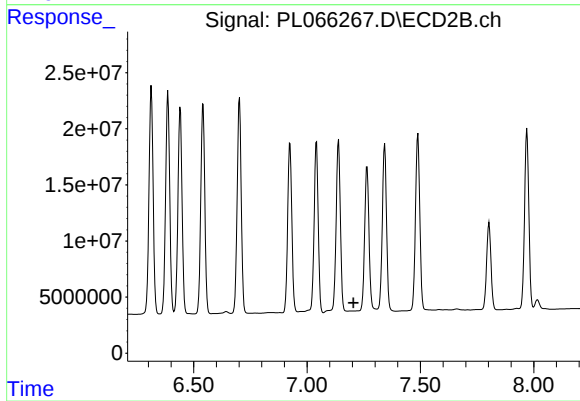
#26 Chlordane-4

R.T.: 6.386 min  
Delta R.T.: 0.003 min  
Response: 246807727  
Conc: 314.19 ng/ml



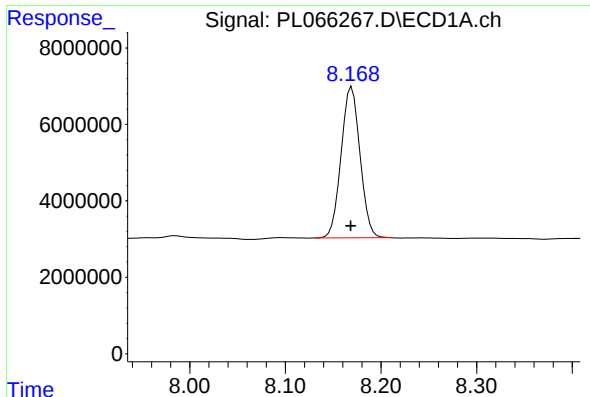
#27 Chlordane-5

R.T.: 6.243 min  
Delta R.T.: -0.008 min  
Response: 188686298  
Conc: 1335.53 ng/ml



#27 Chlordane-5

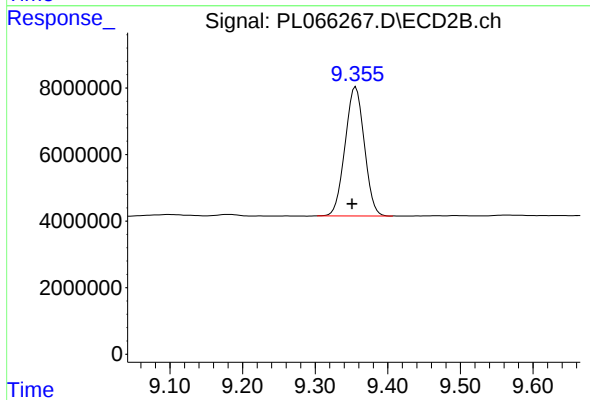
R.T.: 0.000 min  
Exp R.T.: 7.206 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.169 min  
Delta R.T.: 0.000 min  
Response: 54397212  
Conc: 22.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.356 min  
Delta R.T.: 0.005 min  
Response: 71290976  
Conc: 21.83 ng/ml