

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090319\  
 Data File : PL052183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2019 15:40  
 Operator : SG\AJ  
 Sample : K4622-21MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 03 18:10:44 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.313  | 3.924  | 208.7E6  | 56903521 | 24.389   | 26.045     |
| 28)                         | SA Decachlor... | 7.970  | 8.949  | 258.8E6  | 59607910 | 21.323   | 19.583     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.740  | 4.312  | 1027.5E6 | 234.2E6  | 70.911   | 72.689     |
| 3)                          | MA gamma-BHC... | 4.016  | 4.595  | 979.8E6  | 225.2E6  | 74.469   | 71.515     |
| 4)                          | MA Heptachlor   | 4.299  | 5.095  | 1053.6E6 | 245.5E6  | 69.593   | 69.998     |
| 5)                          | MB Aldrin       | 4.537  | 5.397  | 1040.4E6 | 242.5E6  | 71.998   | 73.967     |
| 6)                          | B beta-BHC      | 4.271  | 4.772  | 404.1E6  | 104.5E6  | 70.766   | 71.727     |
| 7)                          | B delta-BHC     | 4.463  | 4.985  | 968.1E6  | 208.5E6  | 65.109   | 66.630     |
| 8)                          | B Heptachlo...  | 4.972  | 5.784  | 961.4E6  | 231.5E6  | 68.741   | 68.602     |
| 9)                          | A Endosulfan I  | 5.302  | 6.139  | 932.2E6  | 220.5E6  | 69.343   | 68.200     |
| 10)                         | B gamma-Chl...  | 5.194  | 6.017  | 1017.3E6 | 238.5E6  | 68.131   | 65.333     |
| 11)                         | B alpha-Chl...  | 5.250  | 6.089  | 983.8E6  | 237.1E6  | 67.982   | 68.692     |
| 12)                         | B 4,4'-DDE      | 5.417  | 6.250  | 986.1E6  | 238.7E6  | 72.054   | 67.800     |
| 13)                         | MA Dieldrin     | 5.540  | 6.395  | 1022.6E6 | 237.5E6  | 67.257   | 69.342     |
| 14)                         | MA Endrin       | 5.793  | 6.612  | 923.6E6  | 202.8E6  | 63.323   | 67.059     |
| 15)                         | B Endosulfa...  | 6.068  | 6.824  | 892.6E6  | 211.3E6  | 64.151   | 64.119     |
| 16)                         | A 4,4'-DDD      | 5.928  | 6.740  | 804.2E6  | 189.3E6  | 65.674   | 69.926     |
| 17)                         | MA 4,4'-DDT     | 6.161  | 7.036  | 808.7E6  | 181.5E6  | 63.419   | 61.989     |
| 18)                         | B Endrin al...  | 6.235  | 6.948  | 731.5E6  | 179.5E6  | 62.882   | 63.498     |
| 19)                         | B Endosulfa...  | 6.446  | 7.171  | 849.3E6  | 203.3E6  | 65.287   | 65.833     |
| 20)                         | A Methoxychlor  | 6.706  | 7.498  | 410.2E6  | 97334261 | 60.497   | 58.034     |
| 21)                         | B Endrin ke...  | 6.928  | 7.640  | 959.5E6  | 213.6E6  | 67.824   | 66.764     |
| 22)                         | Mirex           | 7.101  | 8.088  | 650.2E6  | 151.6E6  | 61.414   | 62.332     |
| 24)                         | Chlordane-2     | 4.677f | 5.397f | 9022398  | 242.5E6  | 22.075   | 2416.354 # |
| 25)                         | Chlordane-3     | 5.194  | 6.017  | 1017.3E6 | 238.5E6  | 783.561  | 535.374 #  |
| 26)                         | Chlordane-4     | 5.250  | 6.089  | 983.8E6  | 237.1E6  | 806.810  | 436.478 #  |
| 27)                         | Chlordane-5     | 6.068  | 0.000  | 892.6E6  | 0        | 1818.956 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

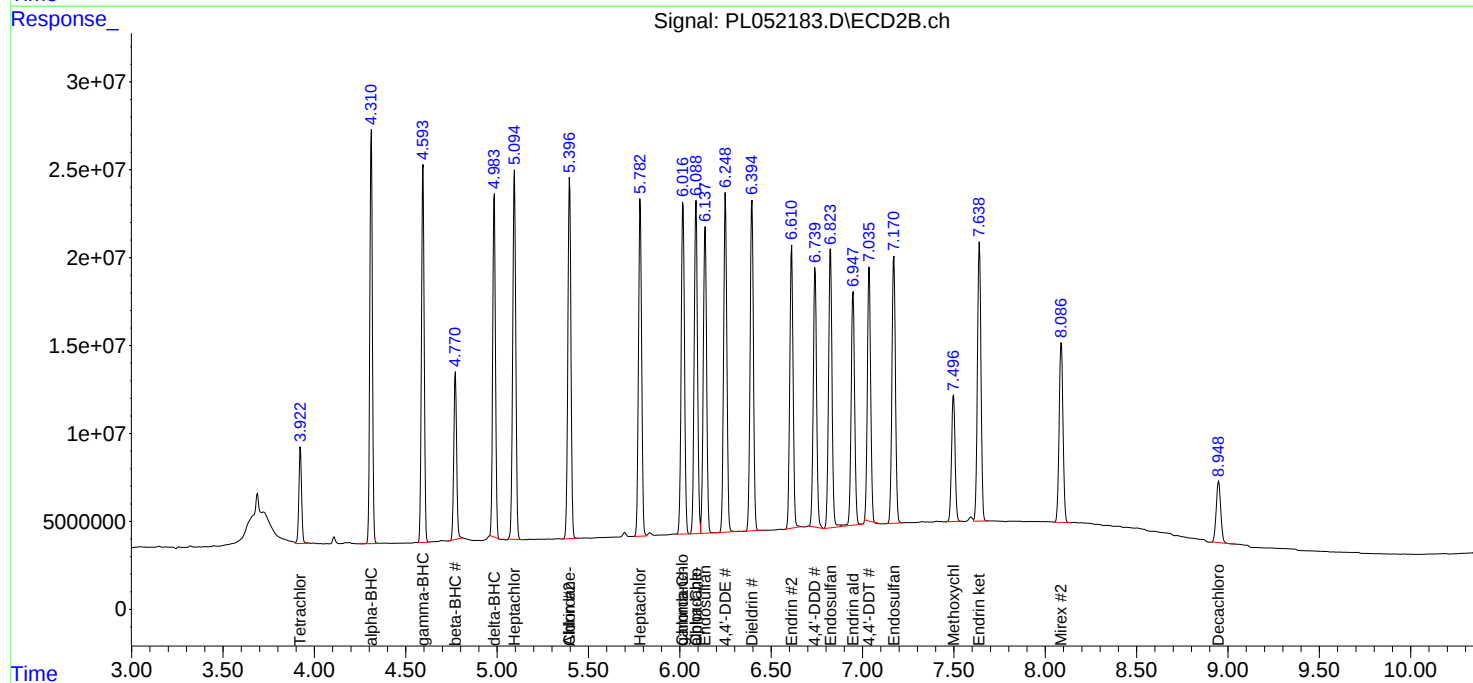
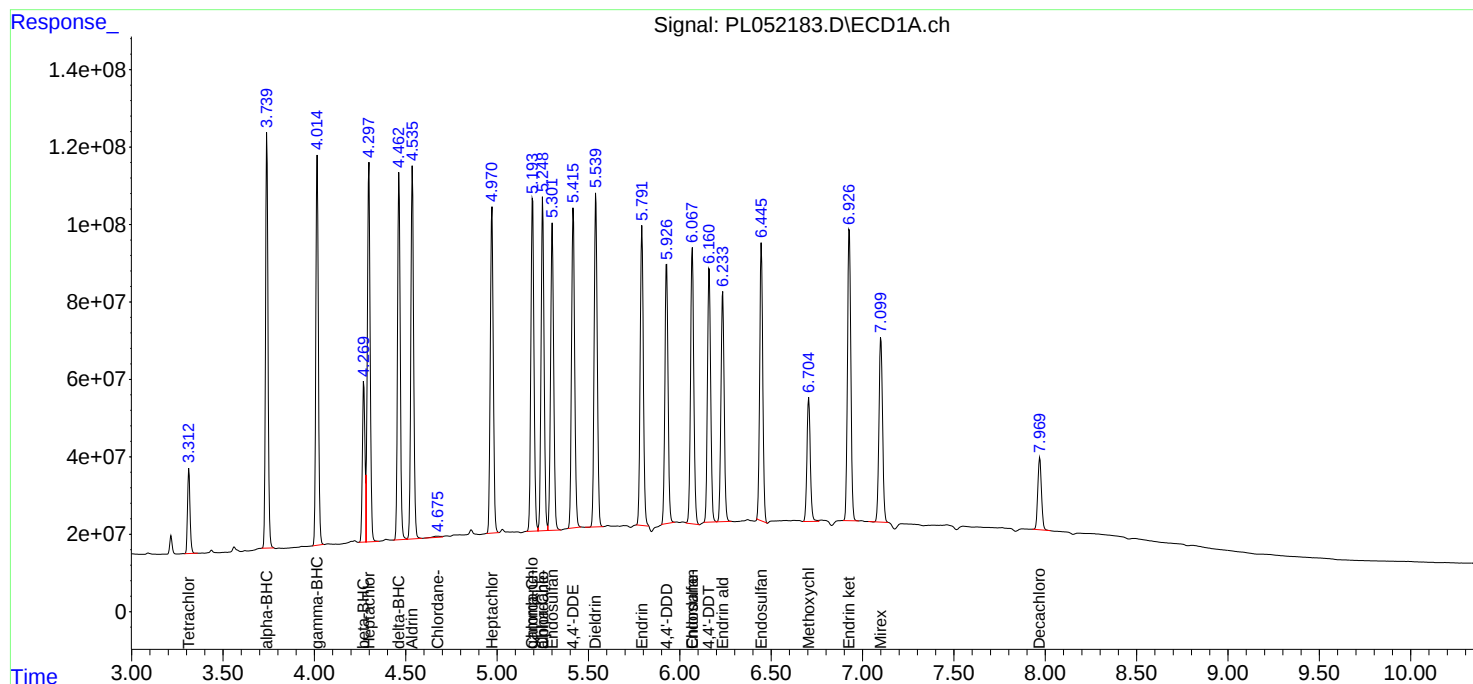
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

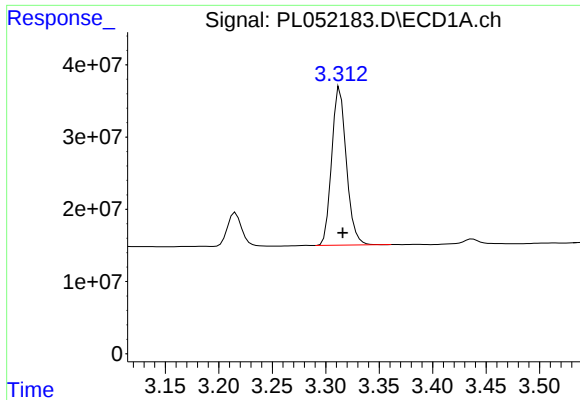
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090319\  
Data File : PL052183.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Sep 2019 15:40  
Operator : SG\AJ  
Sample : K4622-21MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 03 18:10:44 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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

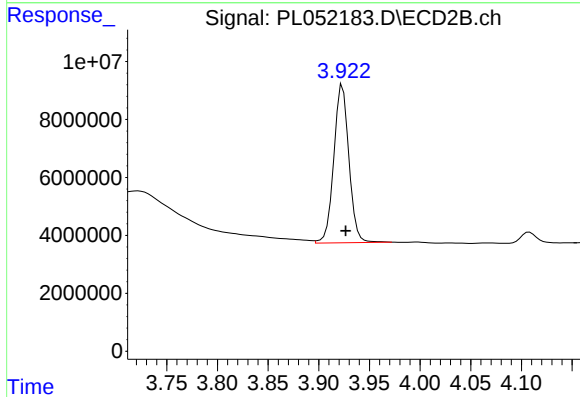




#1 Tetrachloro-m-xylene

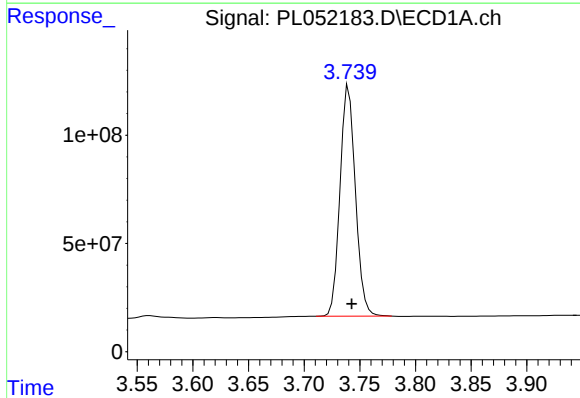
R.T.: 3.313 min  
Delta R.T.: -0.003 min  
Response: 208738466  
Conc: 24.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



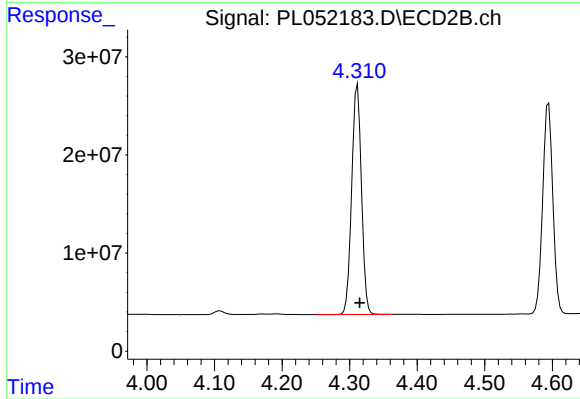
#1 Tetrachloro-m-xylene

R.T.: 3.924 min  
Delta R.T.: -0.003 min  
Response: 56903521  
Conc: 26.04 ng/ml



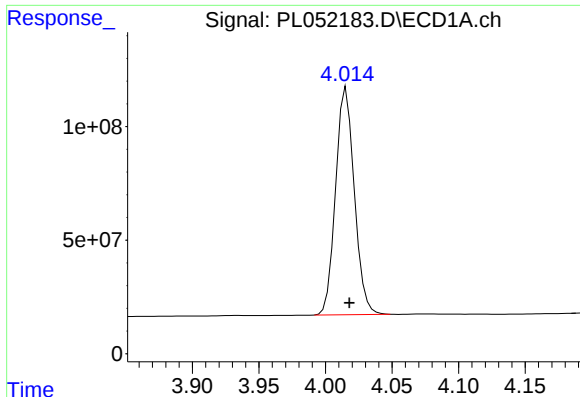
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: -0.002 min  
Response: 1027484805  
Conc: 70.91 ng/ml



#2 alpha-BHC

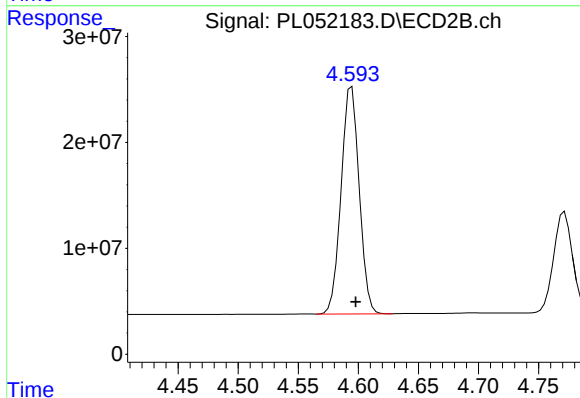
R.T.: 4.312 min  
Delta R.T.: -0.003 min  
Response: 234232731  
Conc: 72.69 ng/ml



#3 gamma-BHC (Lindane)

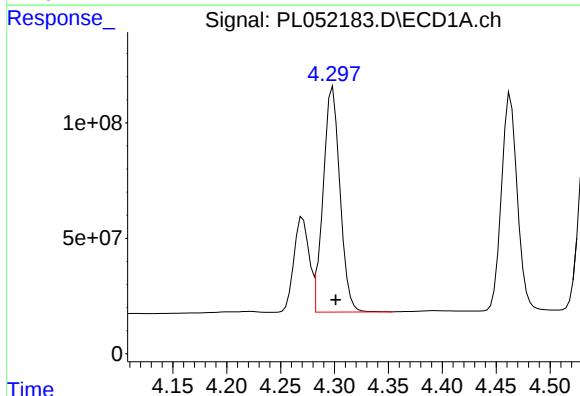
R.T.: 4.016 min  
Delta R.T.: -0.002 min  
Response: 979764224  
Conc: 74.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



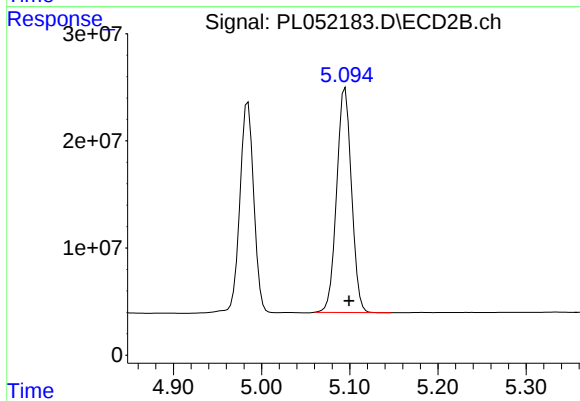
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.003 min  
Response: 225151063  
Conc: 71.52 ng/ml



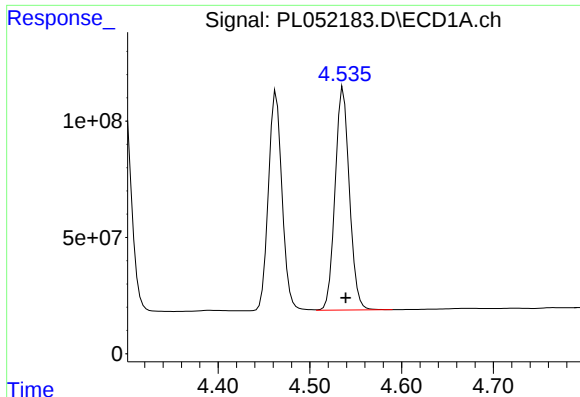
#4 Heptachlor

R.T.: 4.299 min  
Delta R.T.: -0.003 min  
Response: 1053552041  
Conc: 69.59 ng/ml



#4 Heptachlor

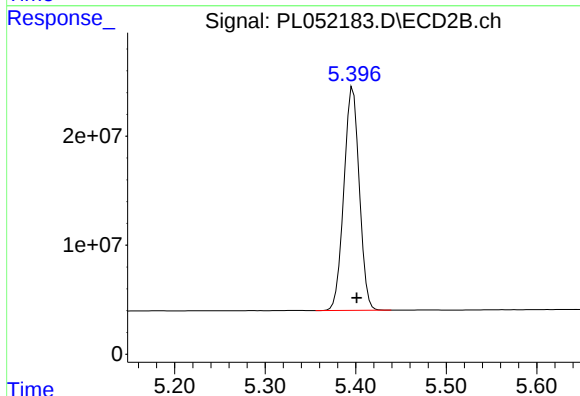
R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 245477654  
Conc: 70.00 ng/ml



#5 Aldrin

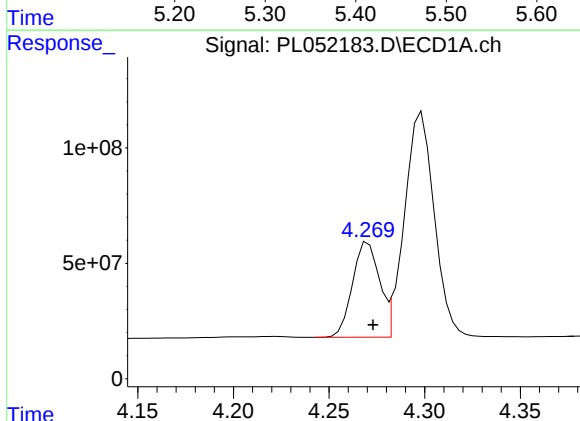
R.T.: 4.537 min  
Delta R.T.: -0.003 min  
Response: 1040425651  
Conc: 72.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



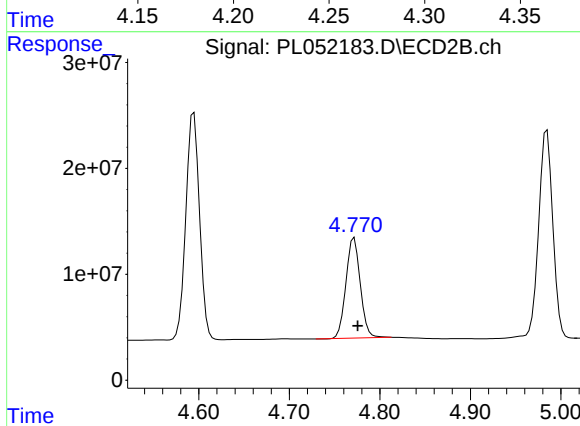
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 242530877  
Conc: 73.97 ng/ml



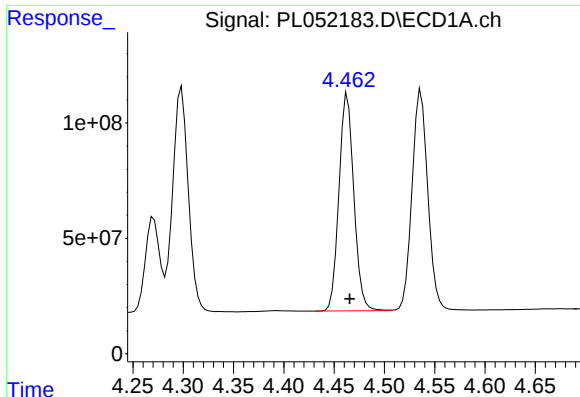
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.002 min  
Response: 404080232  
Conc: 70.77 ng/ml



#6 beta-BHC

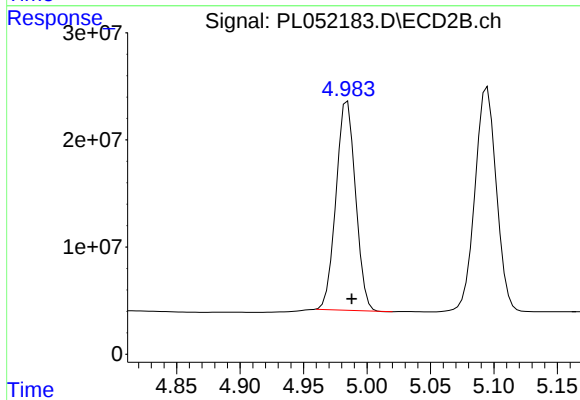
R.T.: 4.772 min  
Delta R.T.: -0.004 min  
Response: 104536798  
Conc: 71.73 ng/ml



#7 delta-BHC

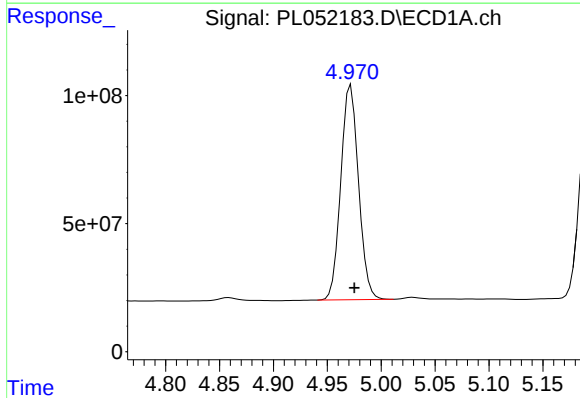
R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 968109041  
Conc: 65.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



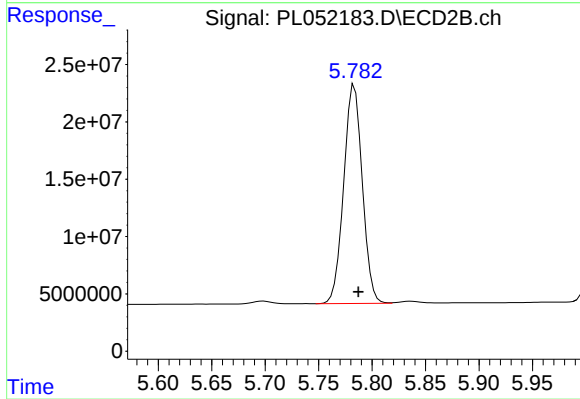
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 208535087  
Conc: 66.63 ng/ml



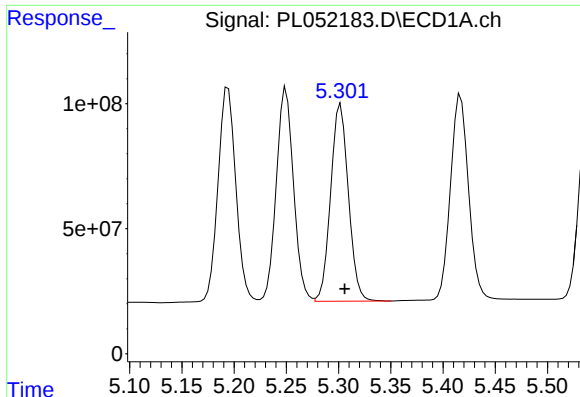
#8 Heptachlor epoxide

R.T.: 4.972 min  
Delta R.T.: -0.003 min  
Response: 961366641  
Conc: 68.74 ng/ml



#8 Heptachlor epoxide

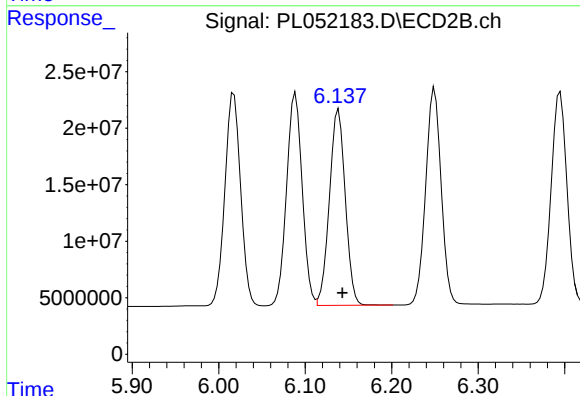
R.T.: 5.784 min  
Delta R.T.: -0.004 min  
Response: 231518454  
Conc: 68.60 ng/ml



#9 Endosulfan I

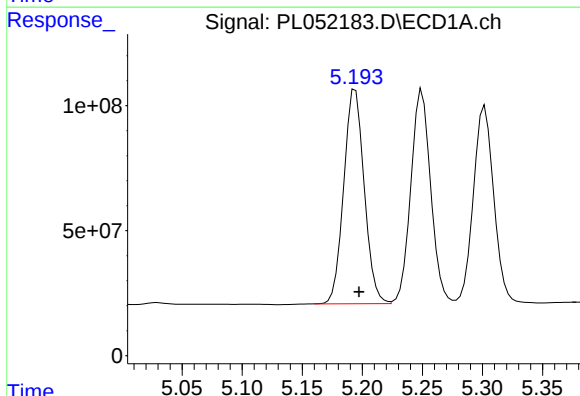
R.T.: 5.302 min  
Delta R.T.: -0.004 min  
Response: 932228093  
Conc: 69.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



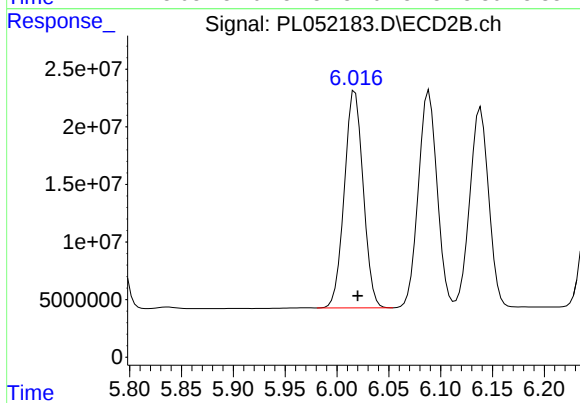
#9 Endosulfan I

R.T.: 6.139 min  
Delta R.T.: -0.004 min  
Response: 220504442  
Conc: 68.20 ng/ml



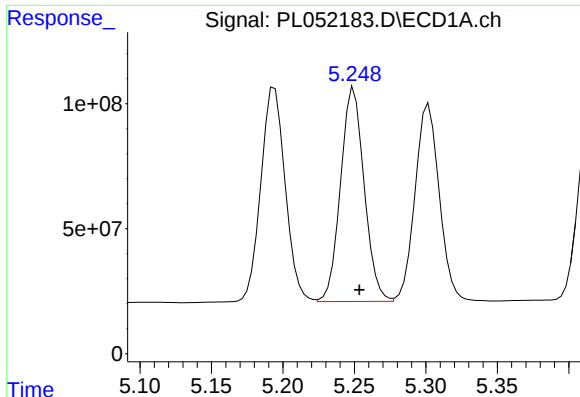
#10 gamma-Chlordane

R.T.: 5.194 min  
Delta R.T.: -0.003 min  
Response: 1017328290  
Conc: 68.13 ng/ml



#10 gamma-Chlordane

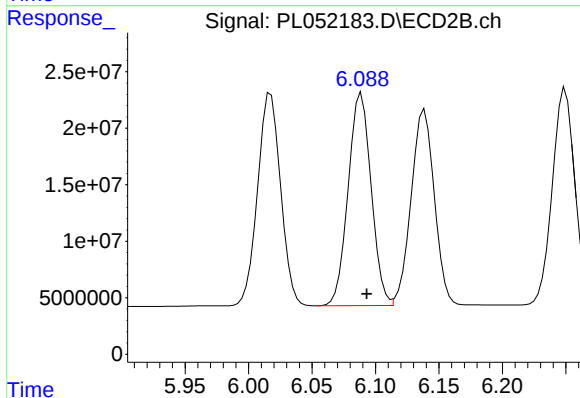
R.T.: 6.017 min  
Delta R.T.: -0.003 min  
Response: 238530654  
Conc: 65.33 ng/ml



#11 alpha-Chlordane

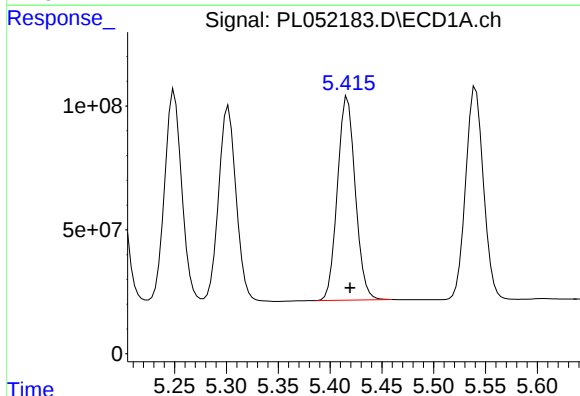
R.T.: 5.250 min  
Delta R.T.: -0.004 min  
Response: 983790033  
Conc: 67.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



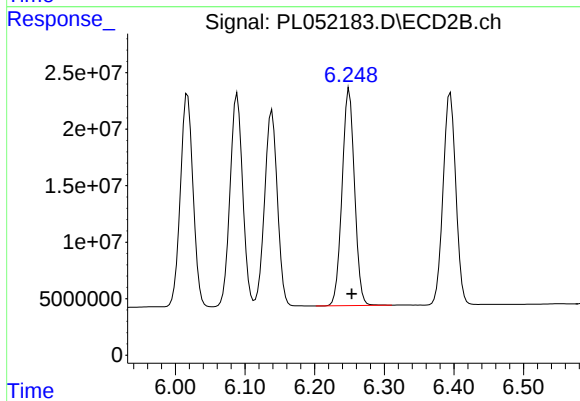
#11 alpha-Chlordane

R.T.: 6.089 min  
Delta R.T.: -0.004 min  
Response: 237056399  
Conc: 68.69 ng/ml



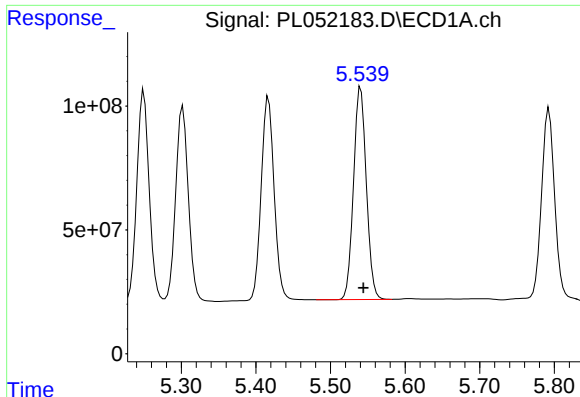
#12 4,4'-DDE

R.T.: 5.417 min  
Delta R.T.: -0.002 min  
Response: 986106732  
Conc: 72.05 ng/ml



#12 4,4'-DDE

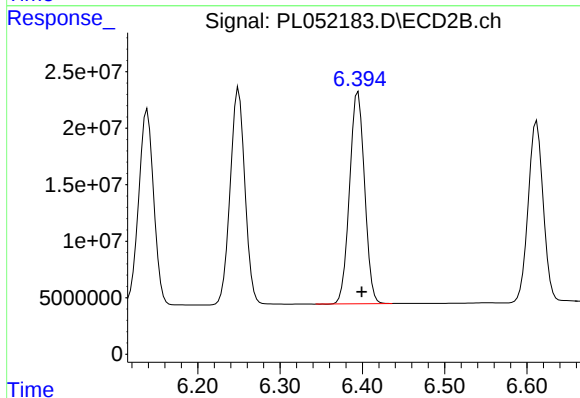
R.T.: 6.250 min  
Delta R.T.: -0.004 min  
Response: 238658621  
Conc: 67.80 ng/ml



#13 Dieldrin

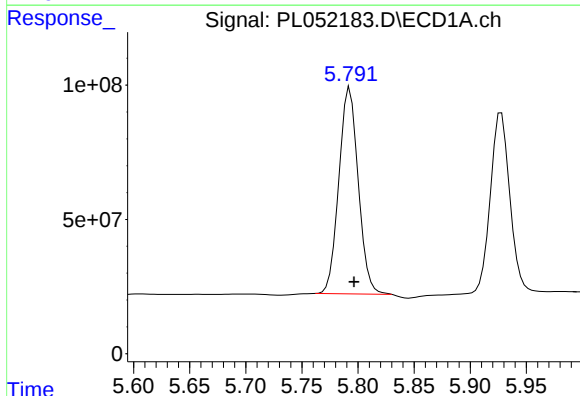
R.T.: 5.540 min  
Delta R.T.: -0.004 min  
Response: 1022640382  
Conc: 67.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



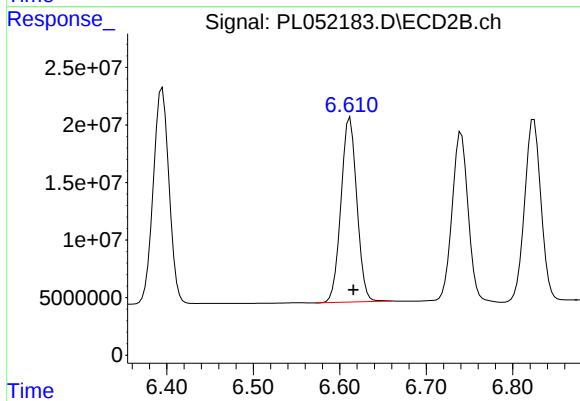
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.004 min  
Response: 237469077  
Conc: 69.34 ng/ml



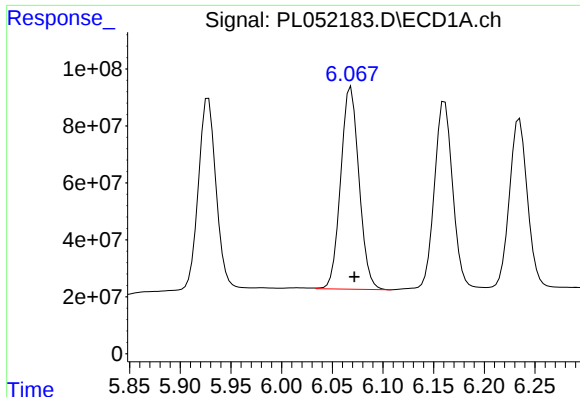
#14 Endrin

R.T.: 5.793 min  
Delta R.T.: -0.004 min  
Response: 923631751  
Conc: 63.32 ng/ml



#14 Endrin

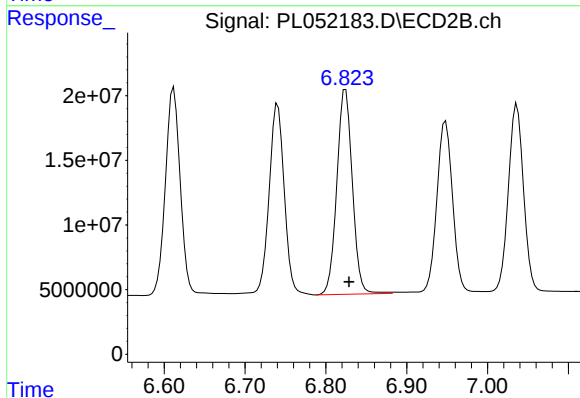
R.T.: 6.612 min  
Delta R.T.: -0.004 min  
Response: 202828938  
Conc: 67.06 ng/ml



#15 Endosulfan II

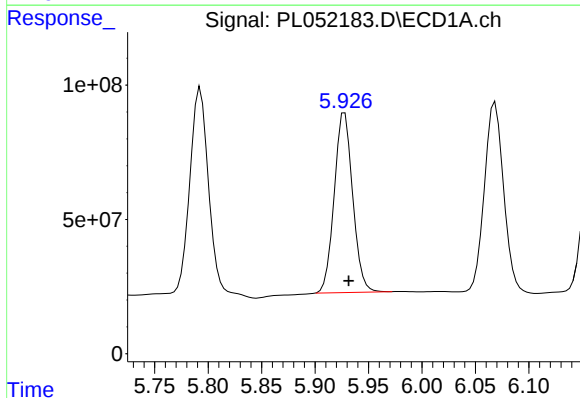
R.T.: 6.068 min  
Delta R.T.: -0.003 min  
Response: 892593421  
Conc: 64.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



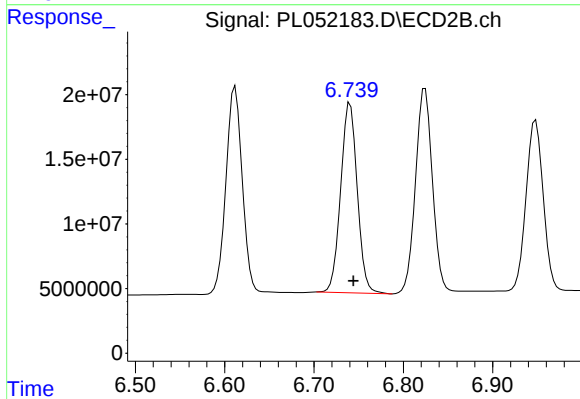
#15 Endosulfan II

R.T.: 6.824 min  
Delta R.T.: -0.004 min  
Response: 211338405  
Conc: 64.12 ng/ml



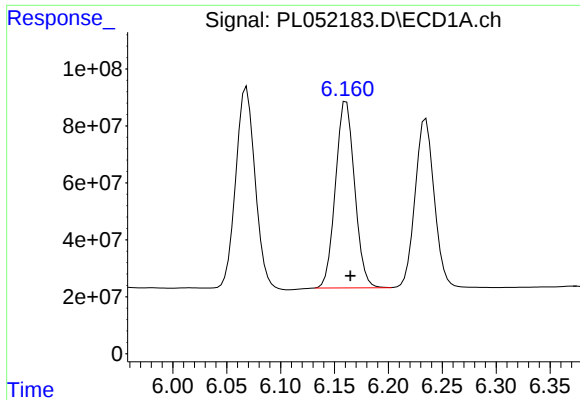
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: -0.004 min  
Response: 804207539  
Conc: 65.67 ng/ml



#16 4,4'-DDD

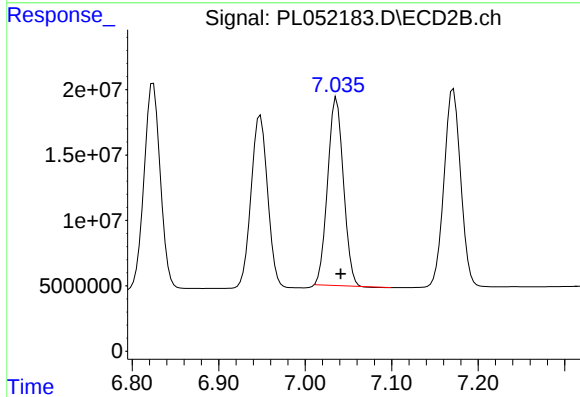
R.T.: 6.740 min  
Delta R.T.: -0.004 min  
Response: 189313623  
Conc: 69.93 ng/ml



#17 4,4'-DDT

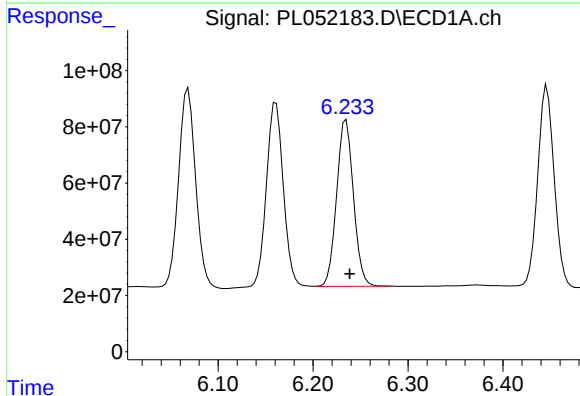
R.T.: 6.161 min  
Delta R.T.: -0.004 min  
Response: 808677948  
Conc: 63.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



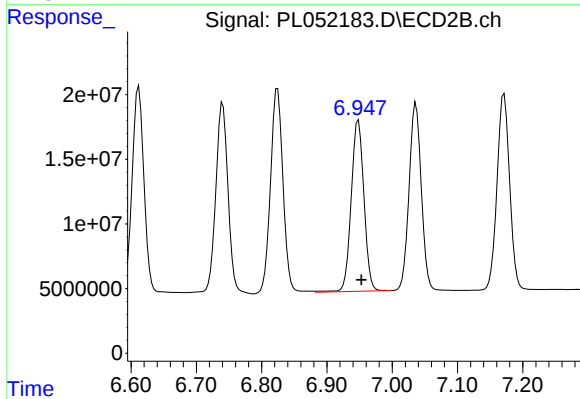
#17 4,4'-DDT

R.T.: 7.036 min  
Delta R.T.: -0.005 min  
Response: 181485684  
Conc: 61.99 ng/ml



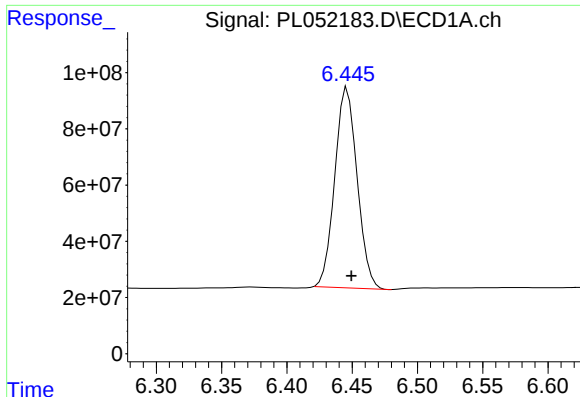
#18 Endrin aldehyde

R.T.: 6.235 min  
Delta R.T.: -0.004 min  
Response: 731522992  
Conc: 62.88 ng/ml



#18 Endrin aldehyde

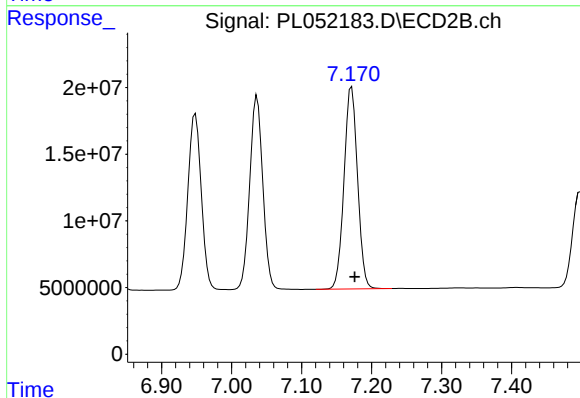
R.T.: 6.948 min  
Delta R.T.: -0.005 min  
Response: 179458078  
Conc: 63.50 ng/ml



#19 Endosulfan Sulfate

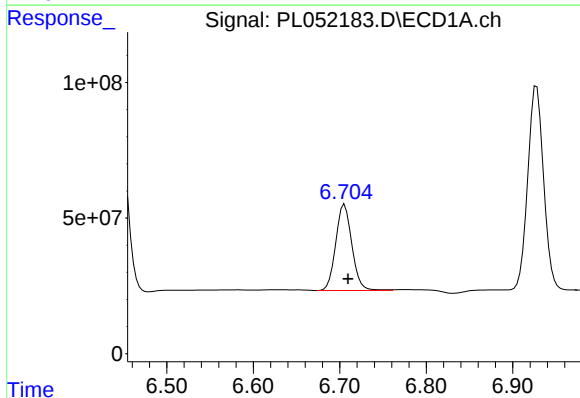
R.T.: 6.446 min  
Delta R.T.: -0.003 min  
Response: 849318078  
Conc: 65.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



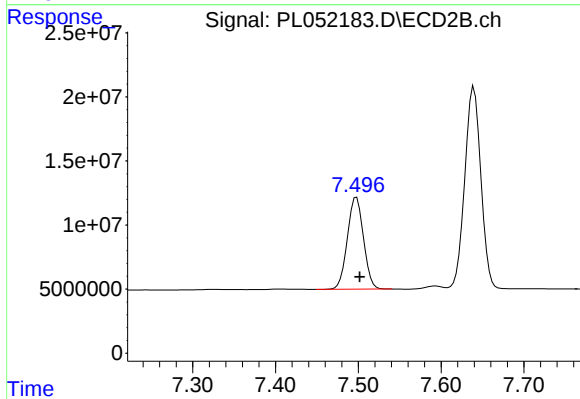
#19 Endosulfan Sulfate

R.T.: 7.171 min  
Delta R.T.: -0.004 min  
Response: 203295863  
Conc: 65.83 ng/ml



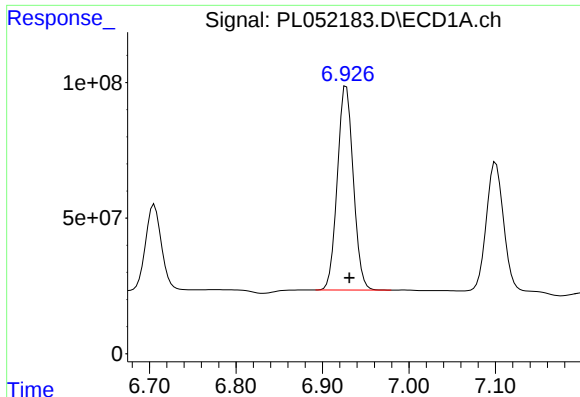
#20 Methoxychlor

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 410155480  
Conc: 60.50 ng/ml



#20 Methoxychlor

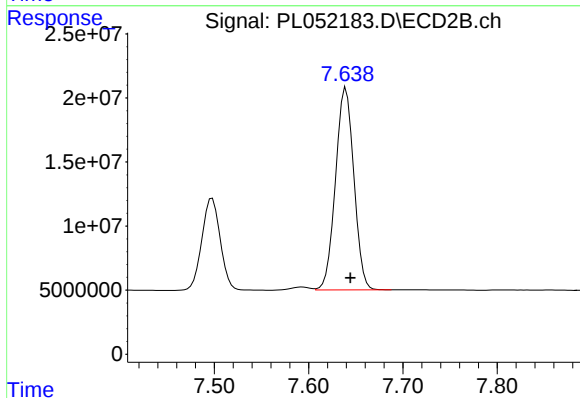
R.T.: 7.498 min  
Delta R.T.: -0.004 min  
Response: 97334261  
Conc: 58.03 ng/ml



#21 Endrin ketone

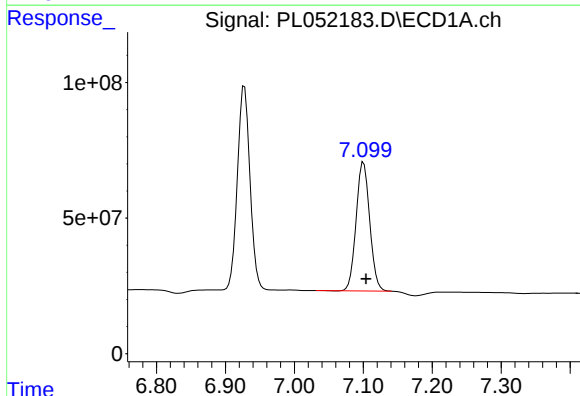
R.T.: 6.928 min  
Delta R.T.: -0.004 min  
Response: 959500944  
Conc: 67.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



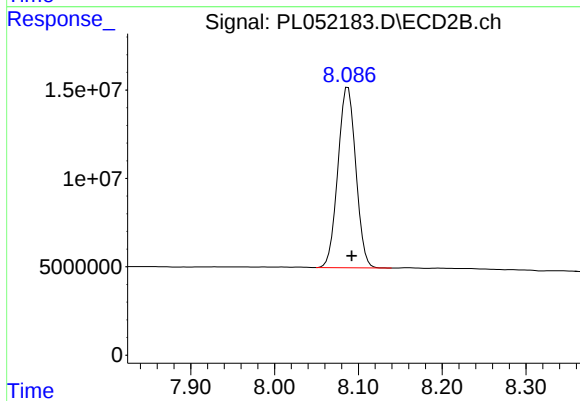
#21 Endrin ketone

R.T.: 7.640 min  
Delta R.T.: -0.005 min  
Response: 213610593  
Conc: 66.76 ng/ml



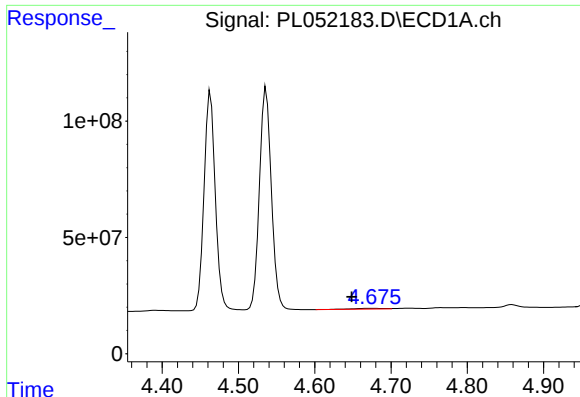
#22 Mirex

R.T.: 7.101 min  
Delta R.T.: -0.004 min  
Response: 650216396  
Conc: 61.41 ng/ml



#22 Mirex

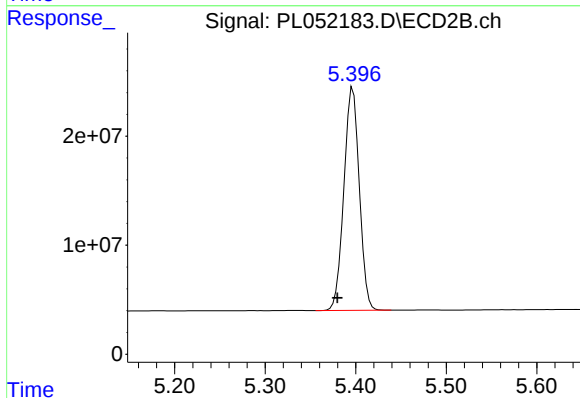
R.T.: 8.088 min  
Delta R.T.: -0.005 min  
Response: 151637582  
Conc: 62.33 ng/ml



#24 Chlordane-2

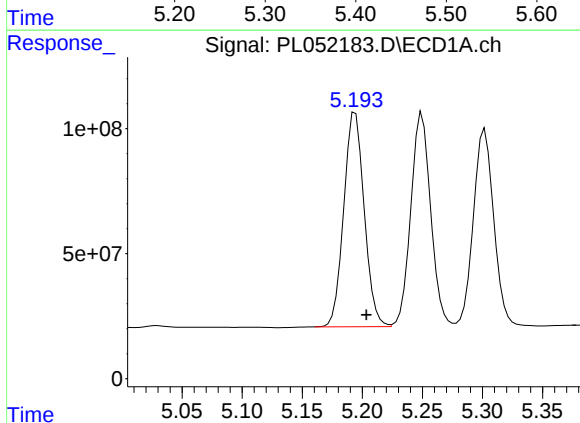
R.T.: 4.677 min  
Delta R.T.: 0.028 min  
Response: 9022398  
Conc: 22.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



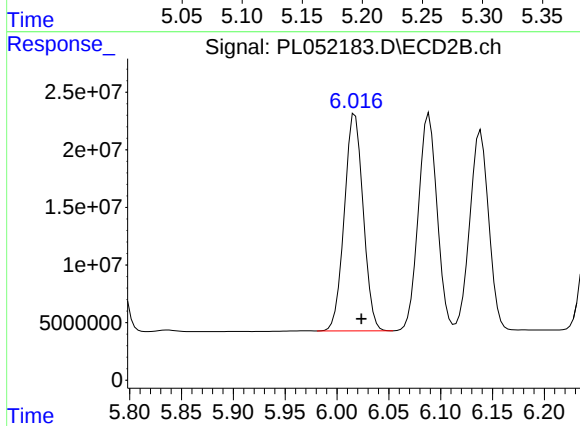
#24 Chlordane-2

R.T.: 5.397 min  
Delta R.T.: 0.017 min  
Response: 242530877  
Conc: 2416.35 ng/ml



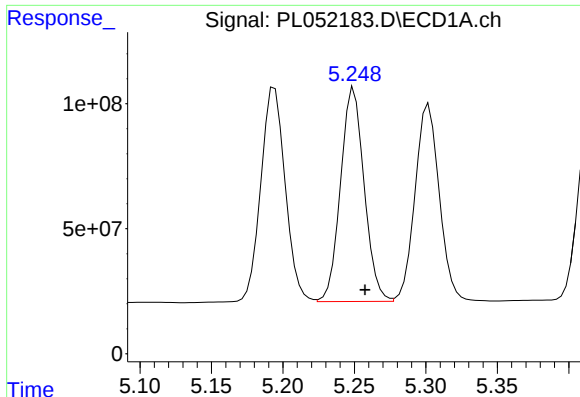
#25 Chlordane-3

R.T.: 5.194 min  
Delta R.T.: -0.009 min  
Response: 1017328290  
Conc: 783.56 ng/ml



#25 Chlordane-3

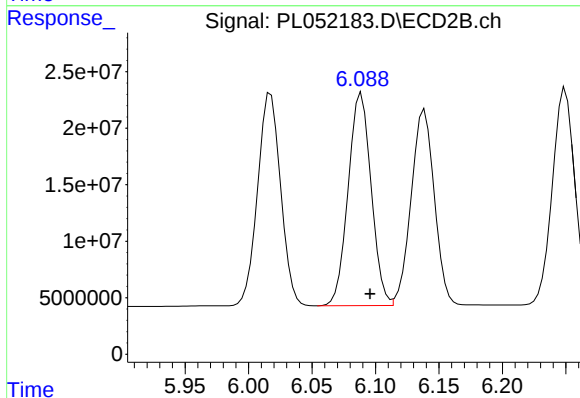
R.T.: 6.017 min  
Delta R.T.: -0.006 min  
Response: 238530654  
Conc: 535.37 ng/ml



#26 Chlordane-4

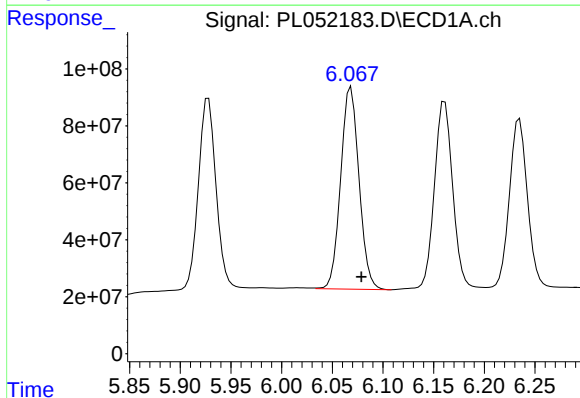
R.T.: 5.250 min  
Delta R.T.: -0.008 min  
Response: 983790033  
Conc: 806.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



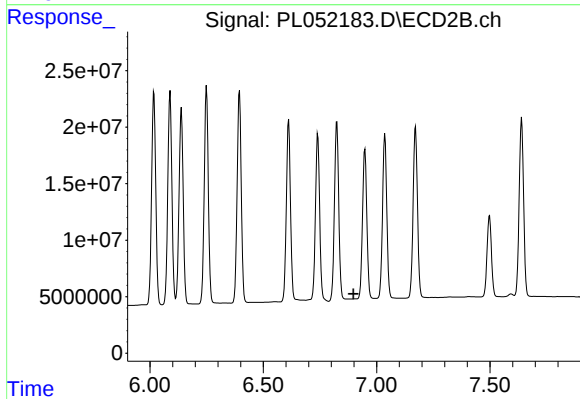
#26 Chlordane-4

R.T.: 6.089 min  
Delta R.T.: -0.007 min  
Response: 237056399  
Conc: 436.48 ng/ml



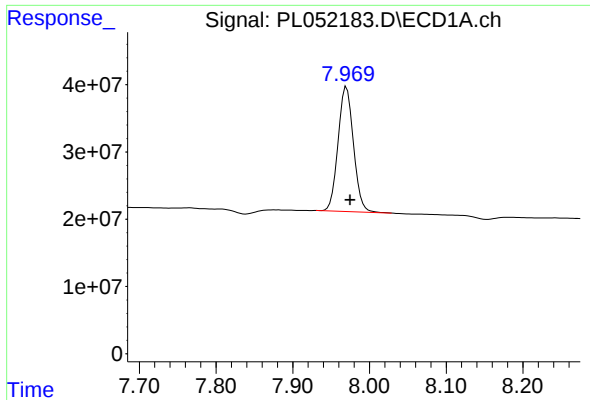
#27 Chlordane-5

R.T.: 6.068 min  
Delta R.T.: -0.010 min  
Response: 892593421  
Conc: 1818.96 ng/ml



#27 Chlordane-5

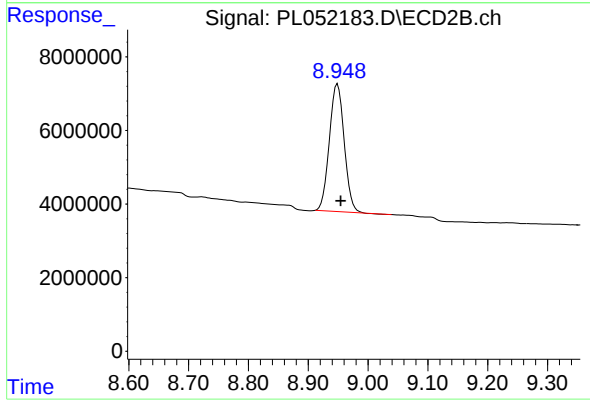
R.T.: 0.000 min  
Exp R.T.: 6.898 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.970 min  
Delta R.T.: -0.005 min  
Response: 258820513  
Conc: 21.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: -0.005 min  
Response: 59607910  
Conc: 19.58 ng/ml