

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013120\  
 Data File : PL056232.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2020 13:26  
 Operator : AJ\MA  
 Sample : PB126491BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB126491BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 31 22:10:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 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... | 3.497 | 4.013  | 212.2E6 | 59939478 | 20.258   | 20.499     |
| 28)                         | SA Decachlor... | 8.251 | 9.087  | 214.3E6 | 45611120 | 20.353   | 20.165     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.936 | 4.403  | 909.5E6 | 217.1E6  | 51.039   | 49.591     |
| 3)                          | MA gamma-BHC... | 4.220 | 4.687  | 858.7E6 | 202.9E6  | 52.441   | 49.469     |
| 4)                          | MA Heptachlor   | 4.521 | 5.195  | 835.2E6 | 182.7E6  | 52.022   | 51.073     |
| 5)                          | MB Aldrin       | 4.771 | 5.500  | 850.8E6 | 176.3E6  | 52.299   | 50.153     |
| 6)                          | B beta-BHC      | 4.470 | 4.859  | 342.7E6 | 82842777 | 52.021   | 50.531     |
| 7)                          | B delta-BHC     | 4.675 | 5.076  | 765.9E6 | 164.2E6  | 47.771   | 51.190     |
| 8)                          | B Heptachlo...  | 5.213 | 5.887  | 798.8E6 | 159.8E6  | 51.933   | 51.346     |
| 9)                          | A Endosulfan I  | 5.553 | 6.245  | 747.0E6 | 148.9E6  | 51.476   | 49.759     |
| 10)                         | B gamma-Chl...  | 5.440 | 6.122  | 811.3E6 | 159.6E6  | 51.730   | 50.187     |
| 11)                         | B alpha-Chl...  | 5.498 | 6.194  | 795.1E6 | 158.4E6  | 51.685   | 49.984     |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.352  | 775.9E6 | 151.4E6  | 53.535   | 50.538     |
| 13)                         | MA Dieldrin     | 5.795 | 6.502  | 799.1E6 | 156.4E6  | 51.956   | 50.384     |
| 14)                         | MA Endrin       | 6.053 | 6.721  | 688.7E6 | 125.8E6  | 49.012   | 48.006     |
| 15)                         | B Endosulfa...  | 6.325 | 6.931  | 629.7E6 | 133.8E6  | 48.151   | 49.698     |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.845  | 607.6E6 | 124.8E6  | 56.526   | 52.902     |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.143  | 555.0E6 | 110.8E6  | 50.787   | 48.279     |
| 18)                         | B Endrin al...  | 6.494 | 7.056  | 562.7E6 | 113.3E6  | 51.427   | 49.923     |
| 19)                         | B Endosulfa...  | 6.707 | 7.279  | 597.8E6 | 122.7E6  | 49.168   | 48.470     |
| 20)                         | A Methoxychlor  | 6.962 | 7.603  | 285.6E6 | 57368764 | 53.754   | 46.790     |
| 21)                         | B Endrin ke...  | 7.198 | 7.751  | 699.7E6 | 131.2E6  | 53.472   | 49.210     |
| 22)                         | Mirex           | 7.388 | 8.205  | 411.4E6 | 91074282 | 44.526   | 50.101     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0       | 176.3E6  | N.D.     | 1784.667 # |
| 25)                         | Chlordane-3     | 5.440 | 6.122  | 811.3E6 | 159.6E6  | 642.583  | 424.659 #  |
| 26)                         | Chlordane-4     | 5.498 | 6.194  | 795.1E6 | 158.4E6  | 734.795  | 360.608 #  |
| 27)                         | Chlordane-5     | 6.325 | 0.000  | 629.7E6 | 0        | 1518.052 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

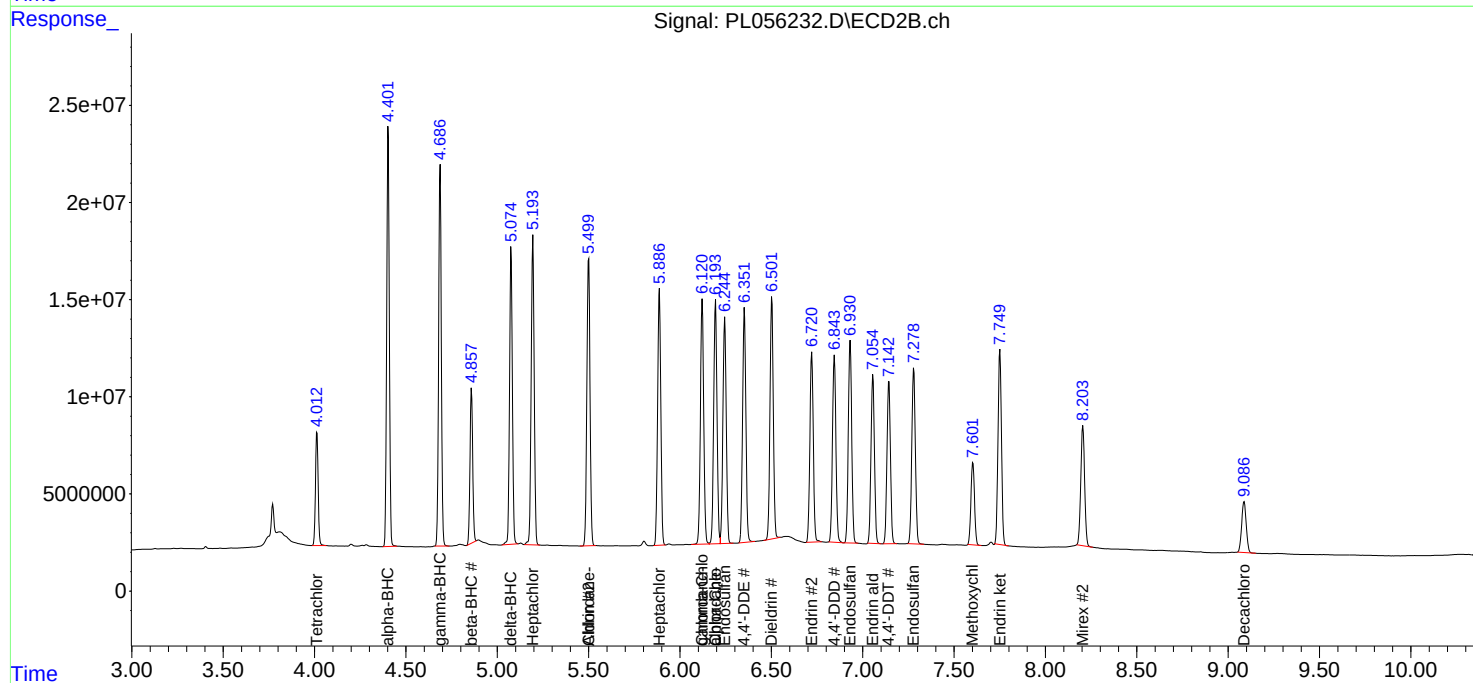
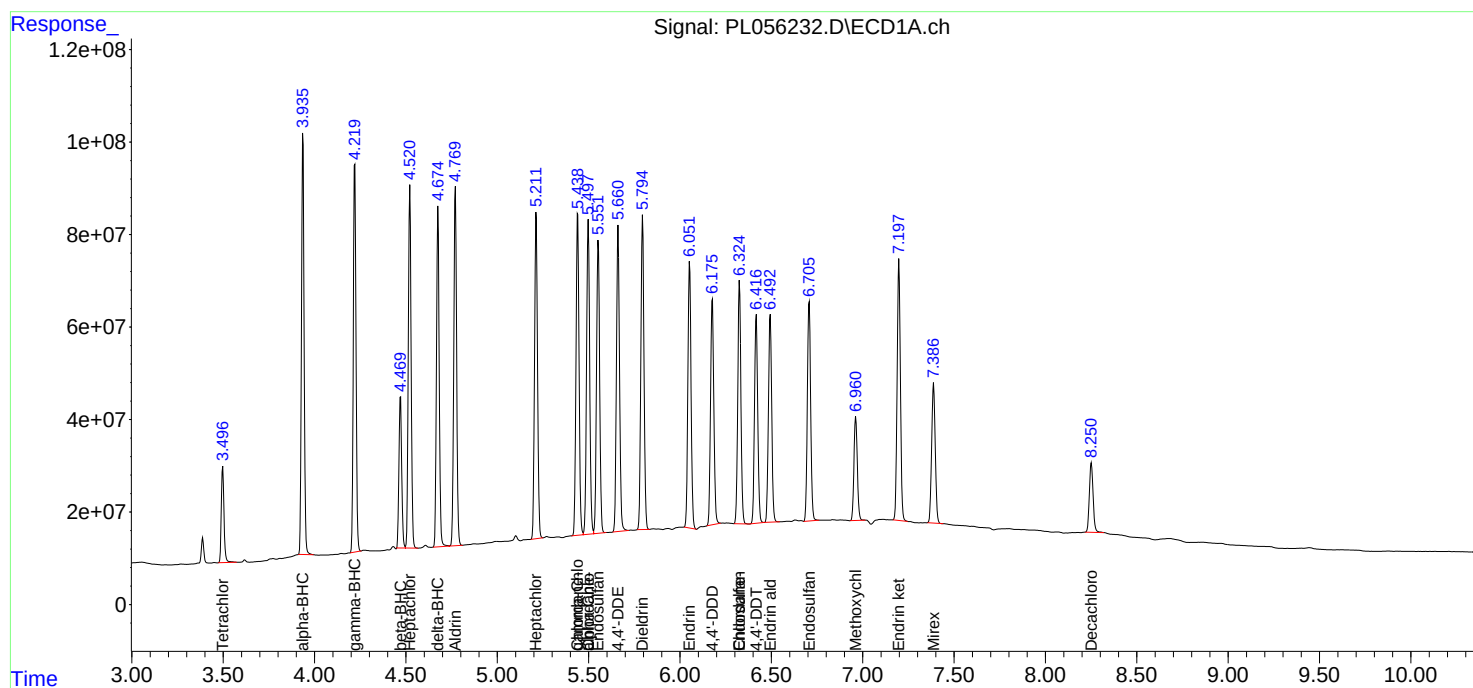
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

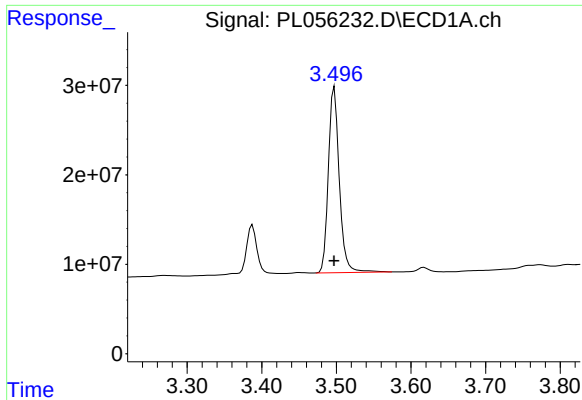
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013120\  
Data File : PL056232.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jan 2020 13:26  
Operator : AJ\MA  
Sample : PB126491BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 31 22:10:11 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 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

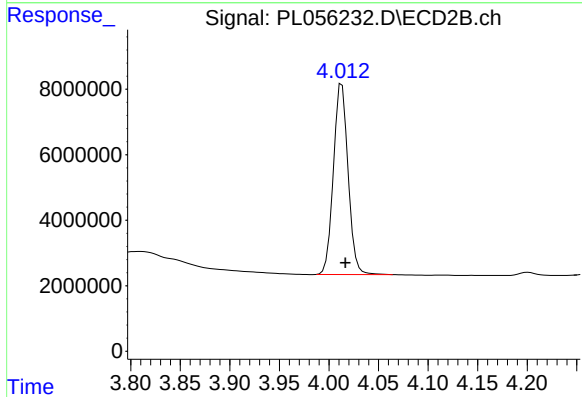




#1 Tetrachloro-m-xylene

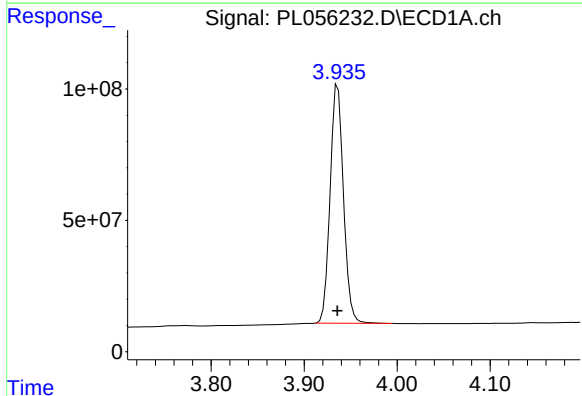
R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 212157259  
Conc: 20.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



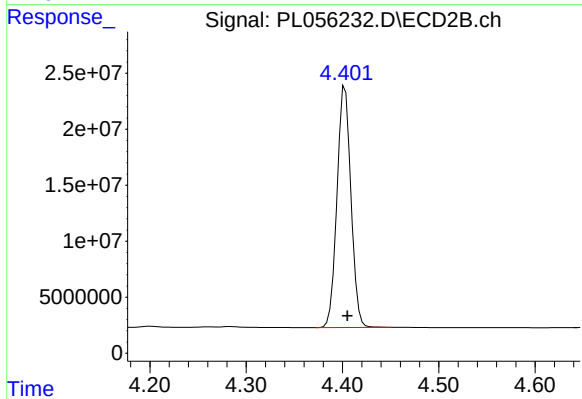
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: -0.003 min  
Response: 59939478  
Conc: 20.50 ng/ml



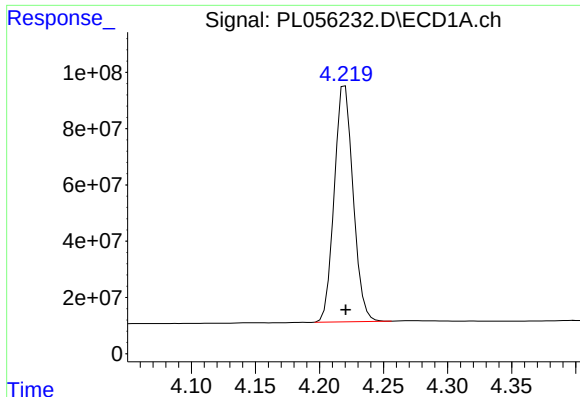
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 909512761  
Conc: 51.04 ng/ml



#2 alpha-BHC

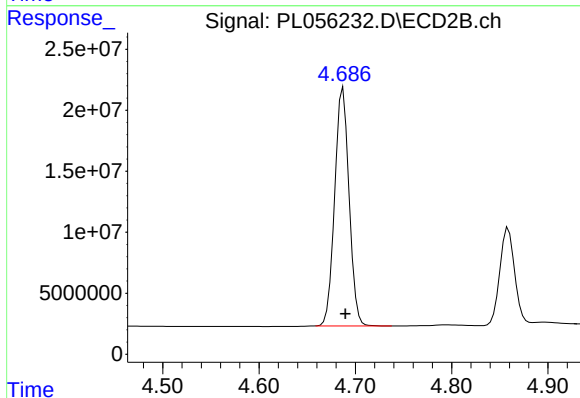
R.T.: 4.403 min  
Delta R.T.: -0.002 min  
Response: 217070216  
Conc: 49.59 ng/ml



#3 gamma-BHC (Lindane)

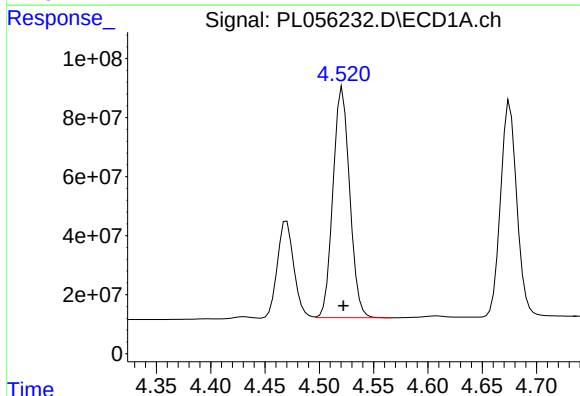
R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 858674633  
Conc: 52.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



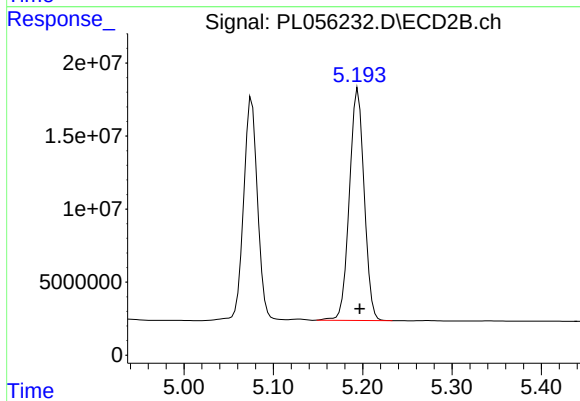
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: -0.002 min  
Response: 202862166  
Conc: 49.47 ng/ml



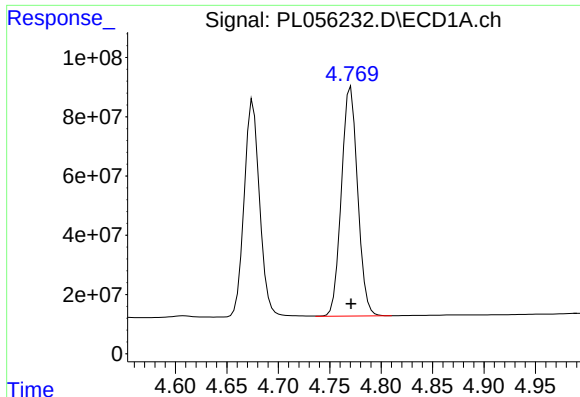
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 835201139  
Conc: 52.02 ng/ml



#4 Heptachlor

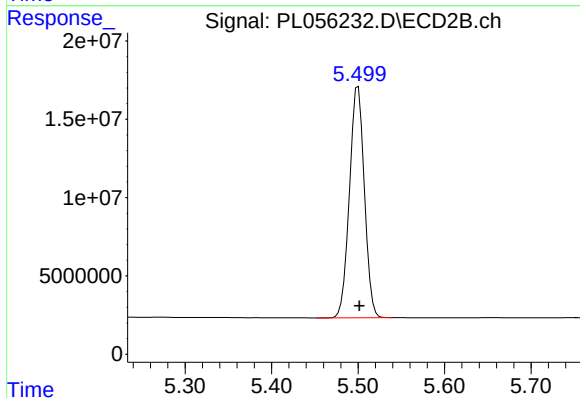
R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 182723934  
Conc: 51.07 ng/ml



#5 Aldrin

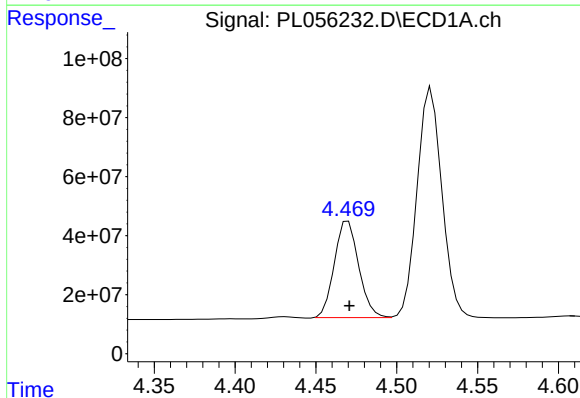
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 850763540  
Conc: 52.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



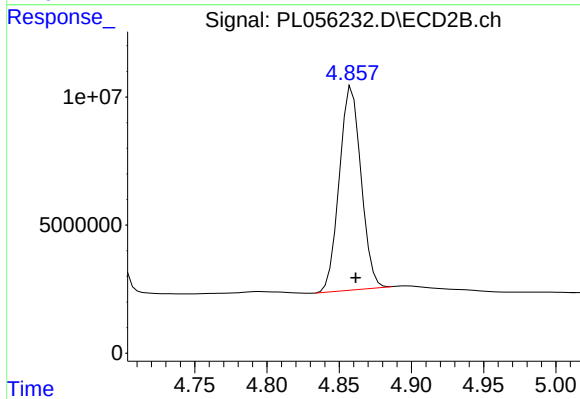
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: -0.001 min  
Response: 176267711  
Conc: 50.15 ng/ml



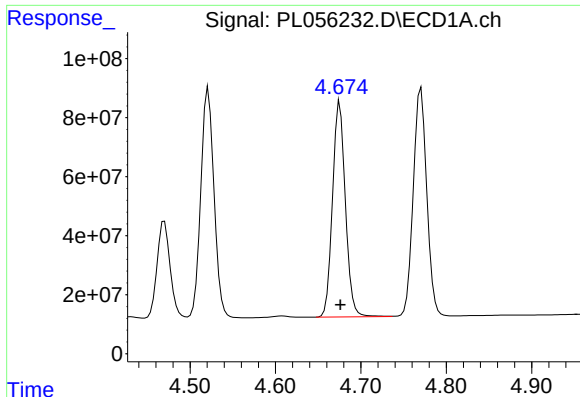
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 342657795  
Conc: 52.02 ng/ml



#6 beta-BHC

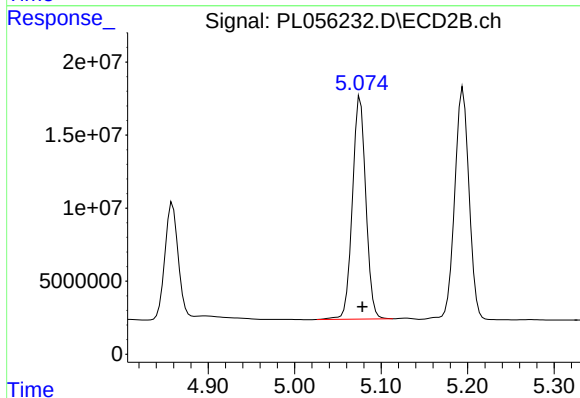
R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 82842777  
Conc: 50.53 ng/ml



#7 delta-BHC

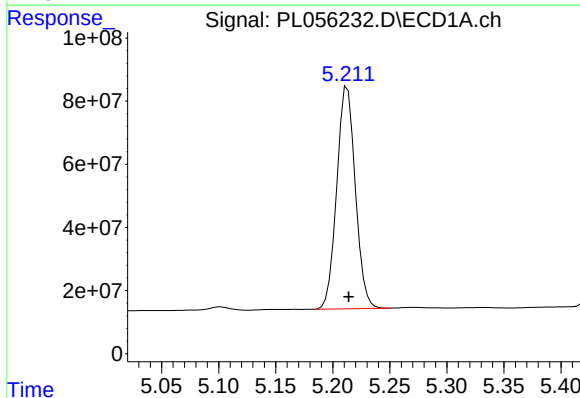
R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: 765880364  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



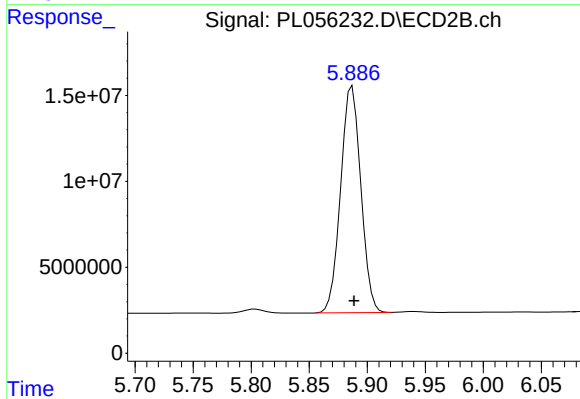
#7 delta-BHC

R.T.: 5.076 min  
Delta R.T.: -0.002 min  
Response: 164172704  
Conc: 51.19 ng/ml



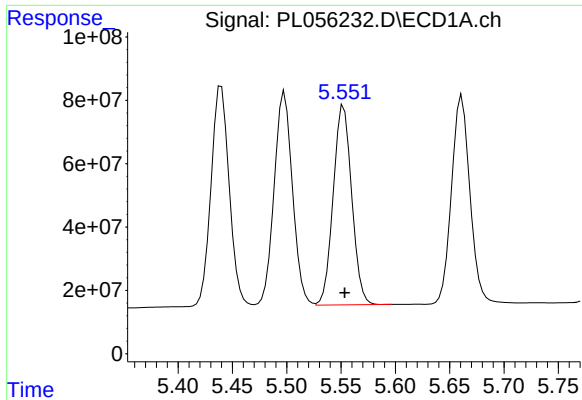
#8 Heptachlor epoxide

R.T.: 5.213 min  
Delta R.T.: 0.000 min  
Response: 798770307  
Conc: 51.93 ng/ml



#8 Heptachlor epoxide

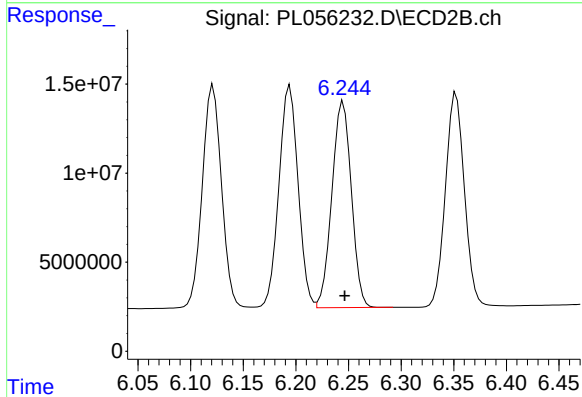
R.T.: 5.887 min  
Delta R.T.: -0.001 min  
Response: 159818407  
Conc: 51.35 ng/ml



#9 Endosulfan I

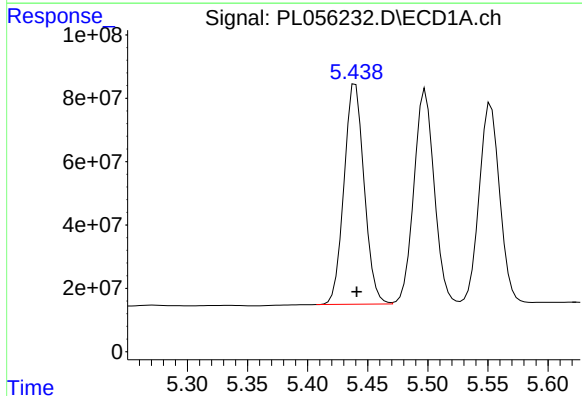
R.T.: 5.553 min  
Delta R.T.: 0.000 min  
Response: 746991669  
Conc: 51.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



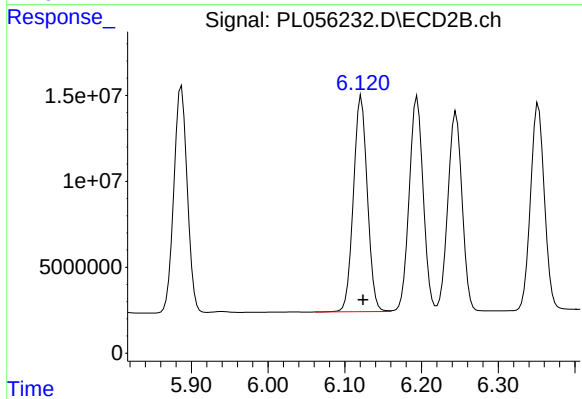
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: -0.001 min  
Response: 148915835  
Conc: 49.76 ng/ml



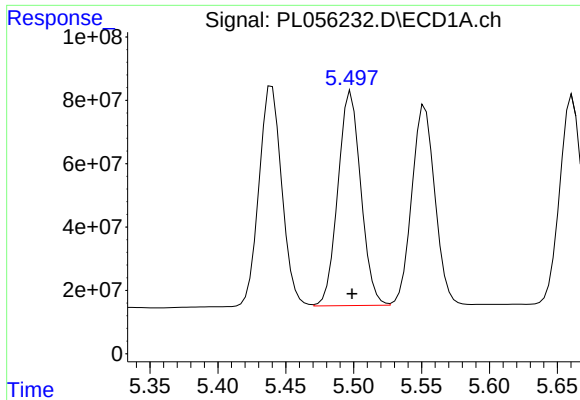
#10 gamma-Chlordane

R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 811287705  
Conc: 51.73 ng/ml



#10 gamma-Chlordane

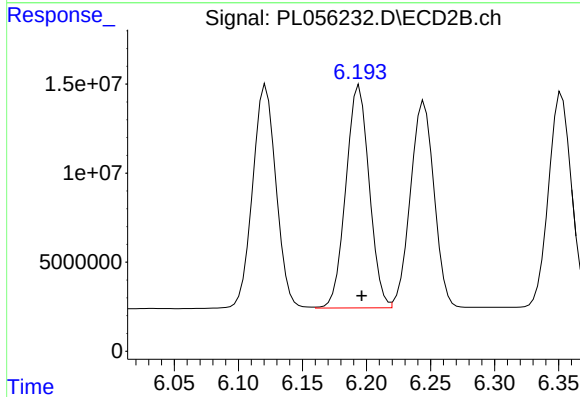
R.T.: 6.122 min  
Delta R.T.: -0.002 min  
Response: 159601692  
Conc: 50.19 ng/ml



#11 alpha-Chlordane

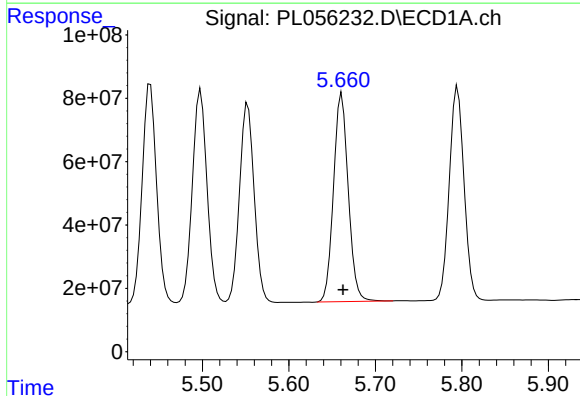
R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 795075577  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



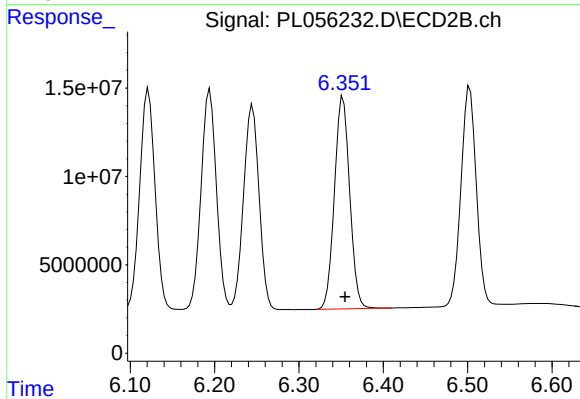
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 158434893  
Conc: 49.98 ng/ml



#12 4,4'-DDE

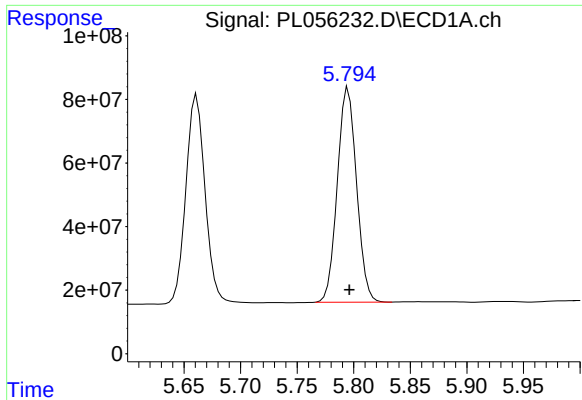
R.T.: 5.661 min  
Delta R.T.: -0.001 min  
Response: 775917541  
Conc: 53.54 ng/ml



#12 4,4'-DDE

R.T.: 6.352 min  
Delta R.T.: -0.002 min  
Response: 151380267  
Conc: 50.54 ng/ml

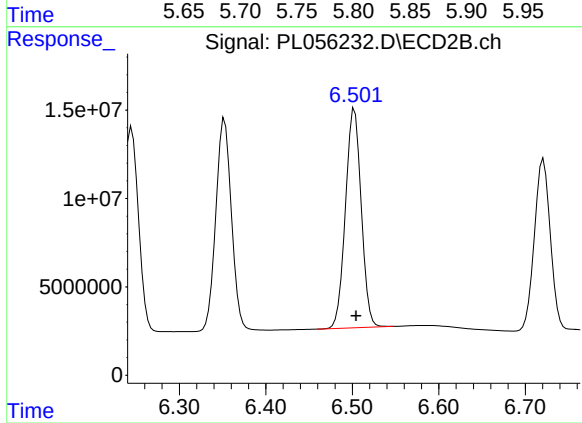




#13 Dieldrin

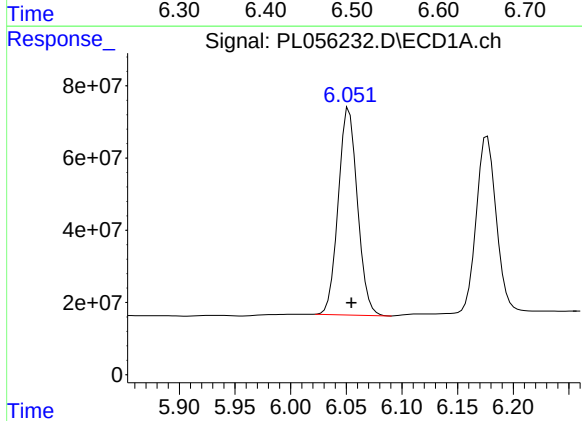
R.T.: 5.795 min  
Delta R.T.: -0.001 min  
Response: 799079991  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



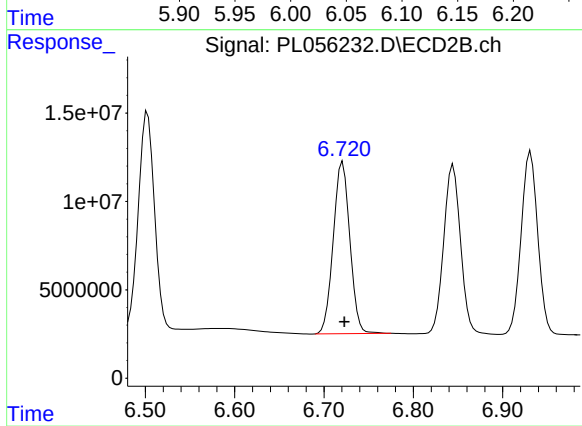
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: -0.002 min  
Response: 156391284  
Conc: 50.38 ng/ml



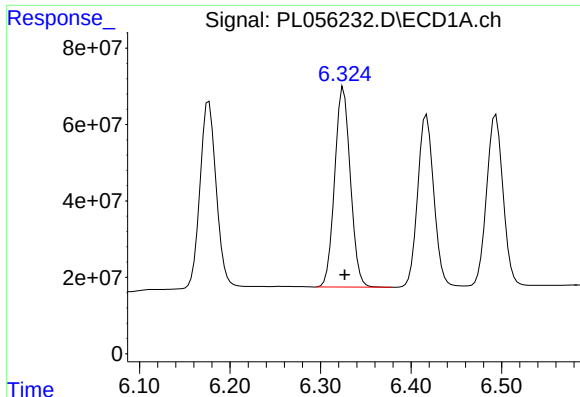
#14 Endrin

R.T.: 6.053 min  
Delta R.T.: -0.002 min  
Response: 688710032  
Conc: 49.01 ng/ml



#14 Endrin

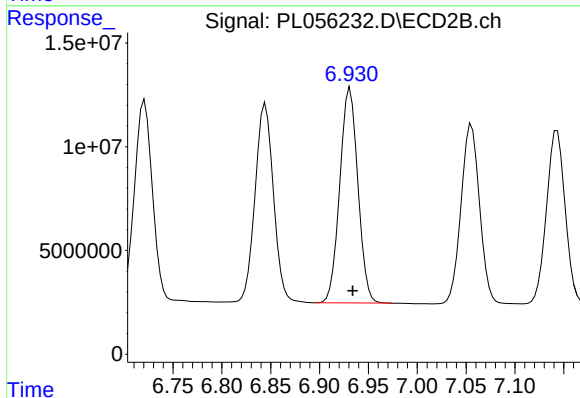
R.T.: 6.721 min  
Delta R.T.: -0.002 min  
Response: 125809367  
Conc: 48.01 ng/ml



#15 Endosulfan II

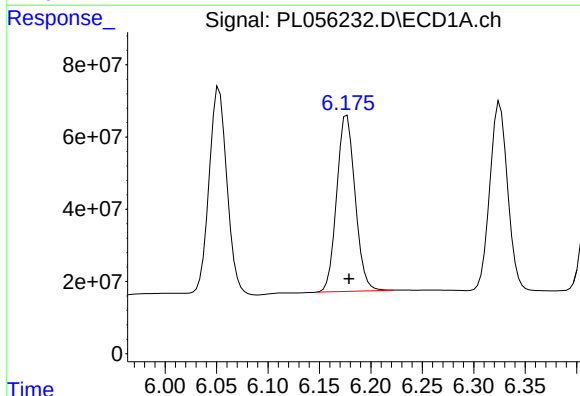
R.T.: 6.325 min  
Delta R.T.: -0.001 min  
Response: 629736369  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



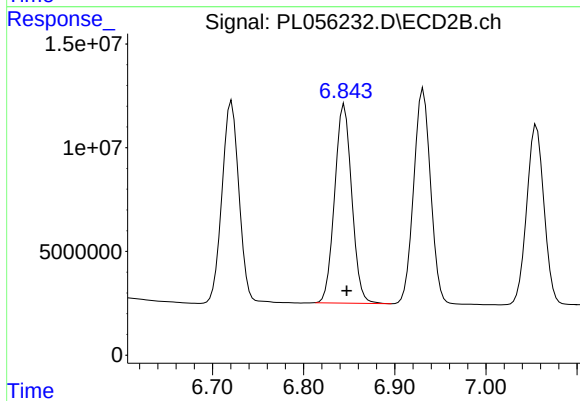
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: -0.003 min  
Response: 133790715  
Conc: 49.70 ng/ml



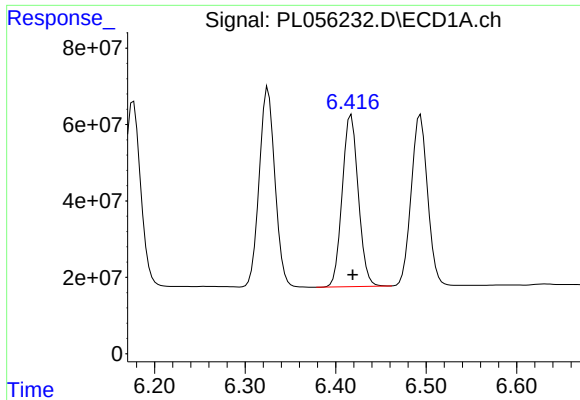
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 607600320  
Conc: 56.53 ng/ml



#16 4,4'-DDD

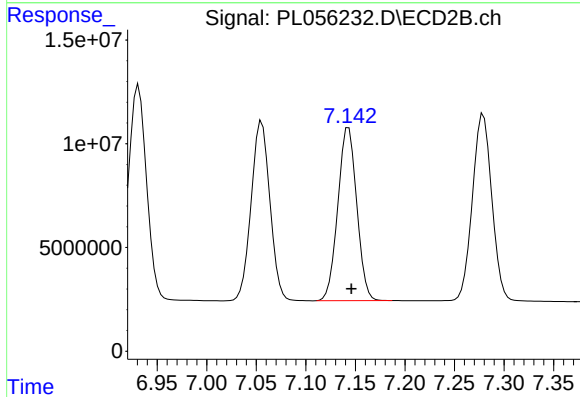
R.T.: 6.845 min  
Delta R.T.: -0.002 min  
Response: 124818826  
Conc: 52.90 ng/ml



#17 4,4'-DDT

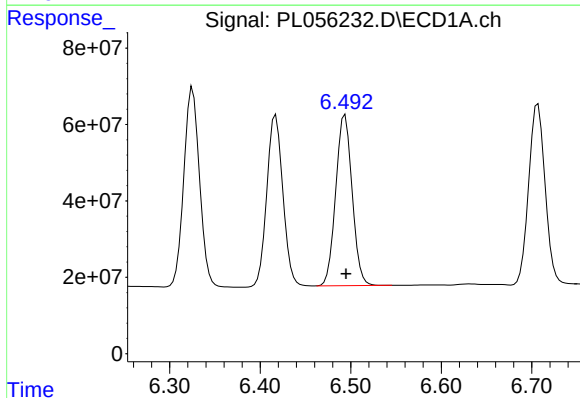
R.T.: 6.417 min  
Delta R.T.: -0.001 min  
Response: 555039668  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



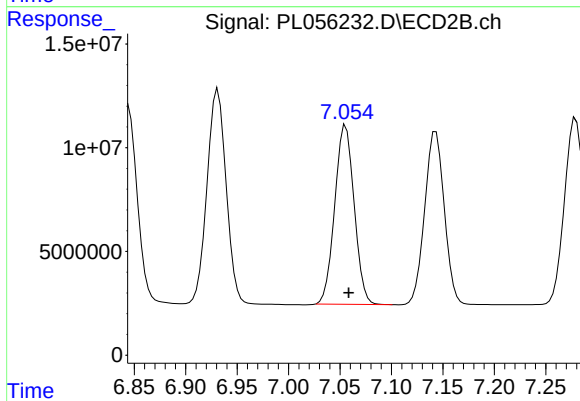
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: -0.003 min  
Response: 110837548  
Conc: 48.28 ng/ml



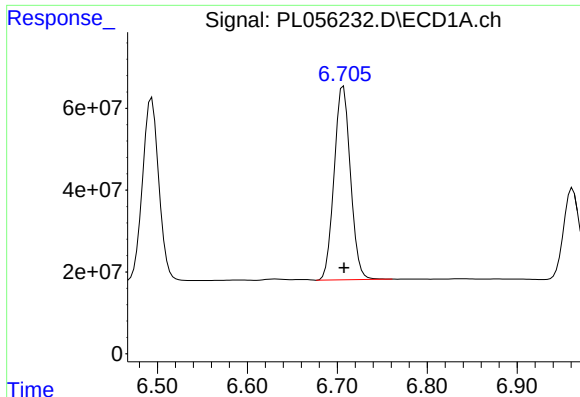
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: -0.001 min  
Response: 562653114  
Conc: 51.43 ng/ml



#18 Endrin aldehyde

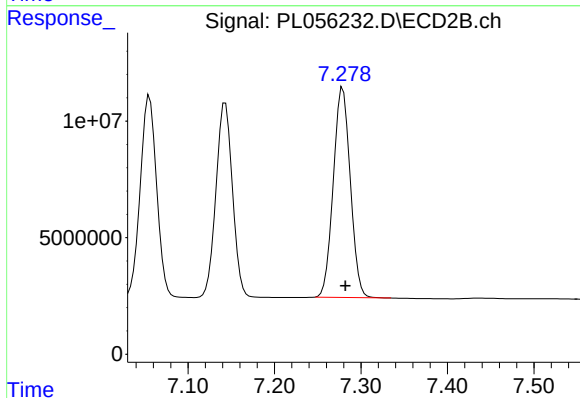
R.T.: 7.056 min  
Delta R.T.: -0.003 min  
Response: 113336121  
Conc: 49.92 ng/ml



#19 Endosulfan Sulfate

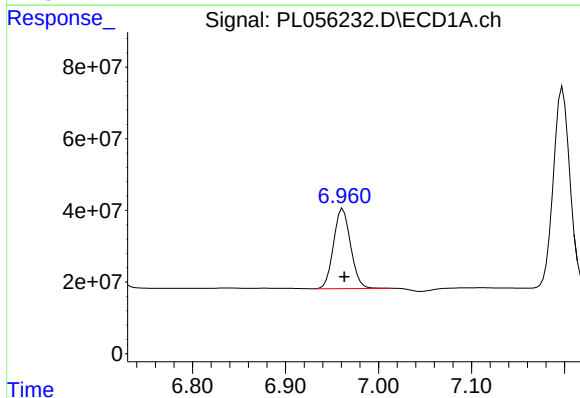
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 597777348  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



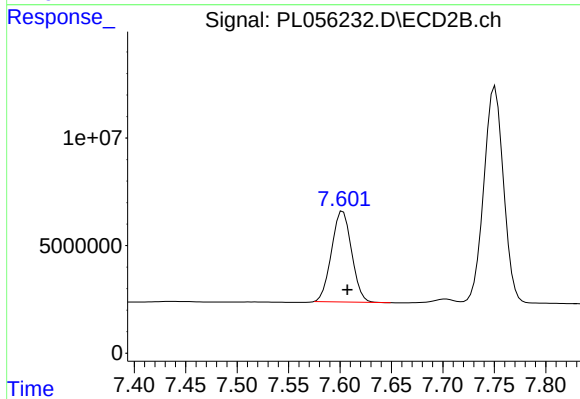
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: -0.003 min  
Response: 122664622  
Conc: 48.47 ng/ml



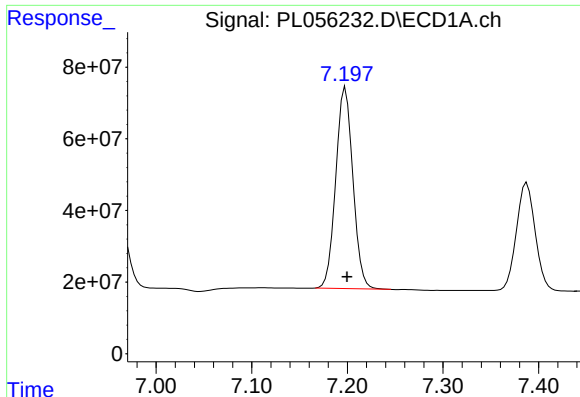
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: -0.002 min  
Response: 285550975  
Conc: 53.75 ng/ml



#20 Methoxychlor

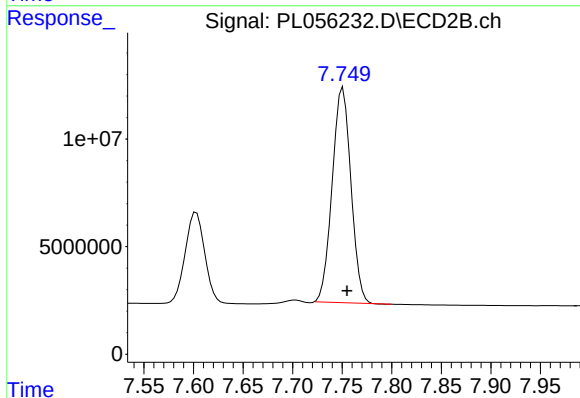
R.T.: 7.603 min  
Delta R.T.: -0.004 min  
Response: 57368764  
Conc: 46.79 ng/ml



#21 Endrin ketone

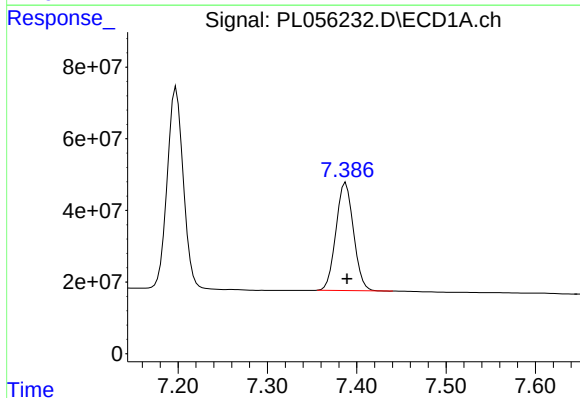
R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 699683520  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



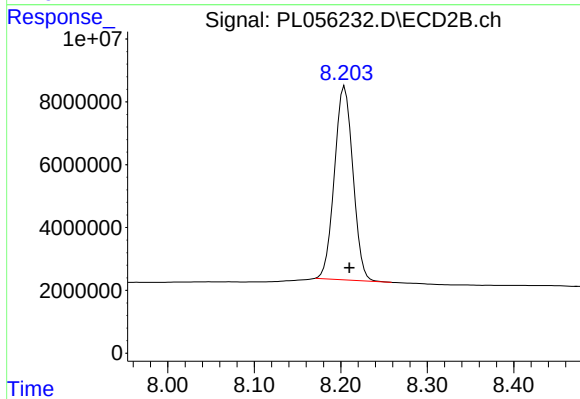
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: -0.004 min  
Response: 131237352  
Conc: 49.21 ng/ml



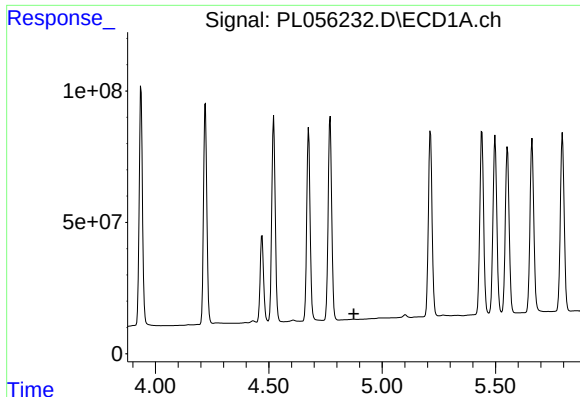
#22 Mirex

R.T.: 7.388 min  
Delta R.T.: -0.001 min  
Response: 411397088  
Conc: 44.53 ng/ml



#22 Mirex

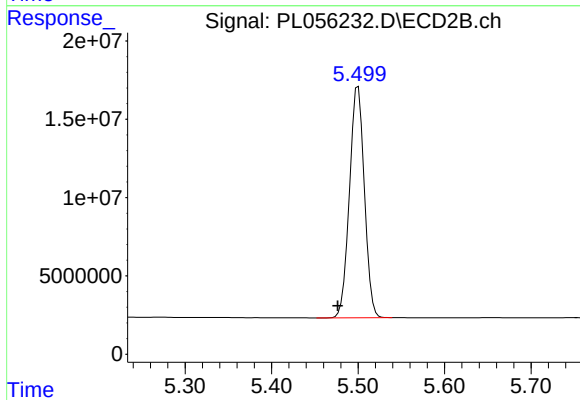
R.T.: 8.205 min  
Delta R.T.: -0.005 min  
Response: 91074282  
Conc: 50.10 ng/ml



#24 Chlordane-2

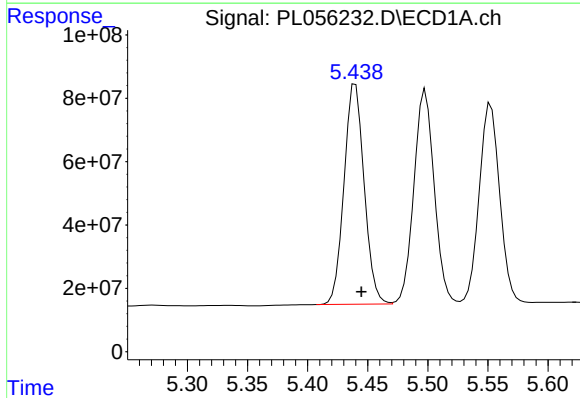
R.T.: 0.000 min  
Exp R.T.: 4.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



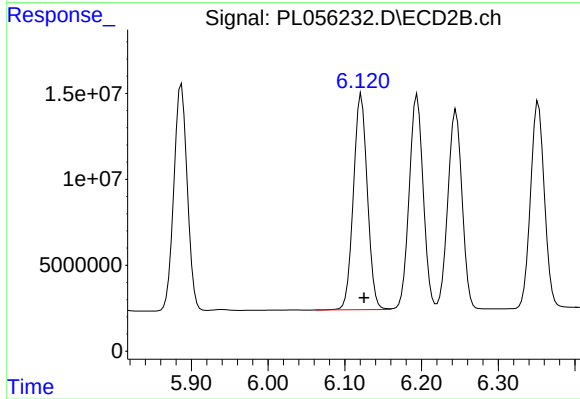
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.023 min  
Response: 176267711  
Conc: 1784.67 ng/ml



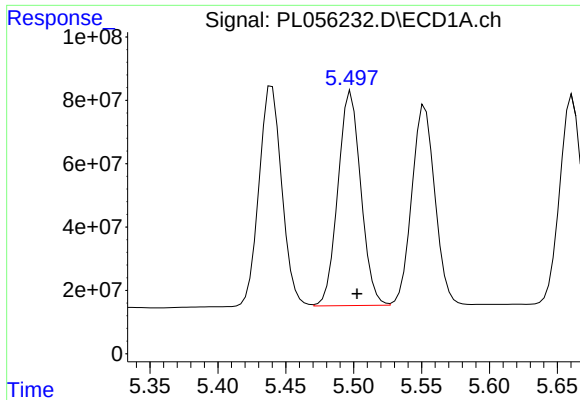
#25 Chlordane-3

R.T.: 5.440 min  
Delta R.T.: -0.005 min  
Response: 811287705  
Conc: 642.58 ng/ml



#25 Chlordane-3

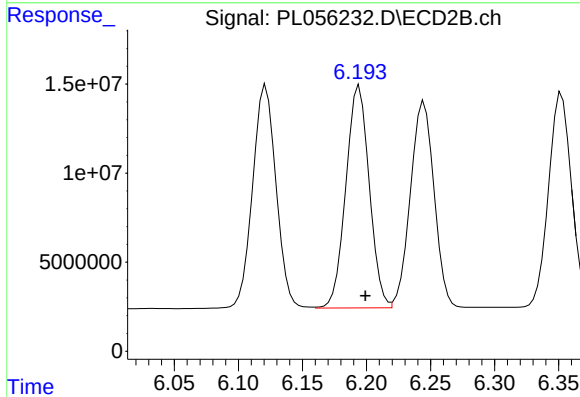
R.T.: 6.122 min  
Delta R.T.: -0.003 min  
Response: 159601692  
Conc: 424.66 ng/ml



#26 Chlordane-4

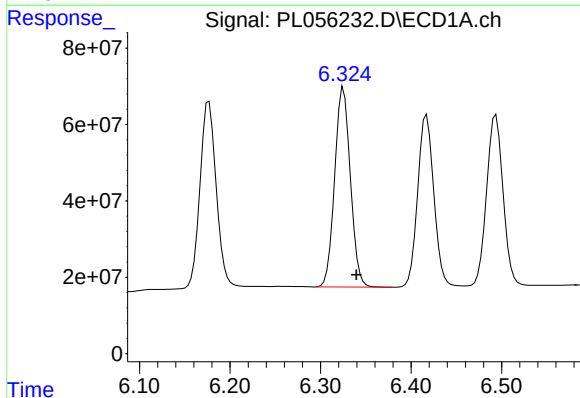
R.T.: 5.498 min  
Delta R.T.: -0.004 min  
Response: 795075577  
Conc: 734.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



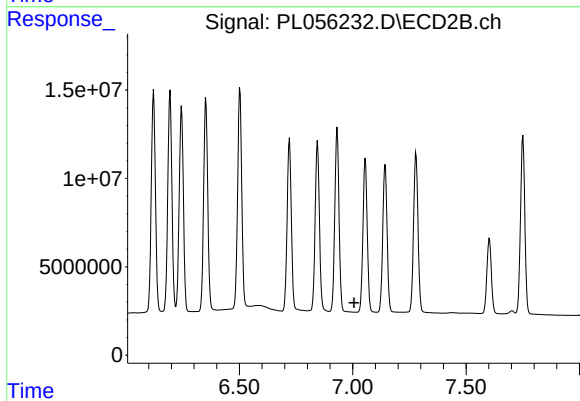
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.005 min  
Response: 158434893  
Conc: 360.61 ng/ml



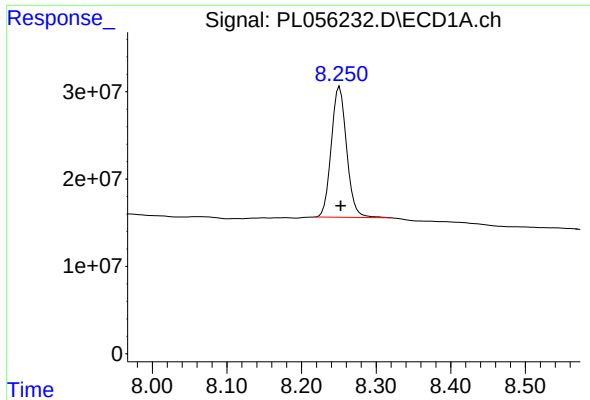
#27 Chlordane-5

R.T.: 6.325 min  
Delta R.T.: -0.014 min  
Response: 629736369  
Conc: 1518.05 ng/ml



#27 Chlordane-5

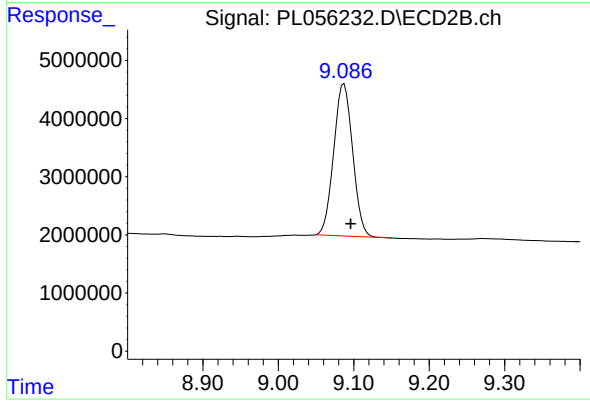
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.251 min  
Delta R.T.: -0.001 min  
Response: 214281217  
Conc: 20.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126491BS



#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.009 min  
Response: 45611120  
Conc: 20.16 ng/ml