

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021420\  
 Data File : PL056556.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2020 14:03  
 Operator : AJ\MA  
 Sample : PB126822BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 21:53:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 13 05:32:36 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 | 4.019  | 207.4E6 | 56997578 | 23.507   | 20.952     |
| 28)                         | SA Decachlor... | 8.248 | 9.091  | 185.3E6 | 37197212 | 19.340   | 18.236     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.935 | 4.408  | 898.9E6 | 236.4E6  | 58.634   | 58.059     |
| 3)                          | MA gamma-BHC... | 4.218 | 4.692  | 830.2E6 | 209.3E6  | 58.841   | 55.074     |
| 4)                          | MA Heptachlor   | 4.519 | 5.200  | 798.2E6 | 169.9E6  | 54.842   | 50.537     |
| 5)                          | MB Aldrin       | 4.768 | 5.505  | 759.0E6 | 160.2E6  | 53.262   | 49.396     |
| 6)                          | B beta-BHC      | 4.468 | 4.865  | 341.2E6 | 78900789 | 59.790   | 54.501     |
| 7)                          | B delta-BHC     | 4.674 | 5.082  | 793.4E6 | 173.0E6  | 56.679   | 58.726     |
| 8)                          | B Heptachlo...  | 5.211 | 5.892  | 743.1E6 | 156.7E6  | 55.519   | 56.018     |
| 9)                          | A Endosulfan I  | 5.550 | 6.249  | 676.8E6 | 141.4E6  | 53.938   | 50.851     |
| 10)                         | B gamma-Chl...  | 5.438 | 6.126  | 726.0E6 | 147.5E6  | 52.779   | 50.417     |
| 11)                         | B alpha-Chl...  | 5.496 | 6.199  | 710.4E6 | 147.0E6  | 52.157   | 50.056     |
| 12)                         | B 4,4'-DDE      | 5.659 | 6.357  | 681.8E6 | 145.1E6  | 53.618   | 51.769     |
| 13)                         | MA Dieldrin     | 5.793 | 6.506  | 747.9E6 | 150.0E6  | 56.070   | 51.544     |
| 14)                         | MA Endrin       | 6.051 | 6.725  | 680.9E6 | 126.9E6  | 58.135   | 52.099     |
| 15)                         | B Endosulfa...  | 6.324 | 6.935  | 602.9E6 | 128.5E6  | 57.279   | 50.451     |
| 16)                         | A 4,4'-DDD      | 6.176 | 6.849  | 603.5E6 | 114.3E6  | 63.772   | 50.552     |
| 17)                         | MA 4,4'-DDT     | 6.415 | 7.147  | 508.1E6 | 104.7E6  | 53.611   | 49.542     |
| 18)                         | B Endrin al...  | 6.491 | 7.059  | 499.3E6 | 105.0E6  | 52.034   | 49.322     |
| 19)                         | B Endosulfa...  | 6.705 | 7.283  | 546.5E6 | 115.9E6  | 51.335   | 48.918     |
| 20)                         | A Methoxychlor  | 6.959 | 7.606  | 257.7E6 | 57473133 | 52.363   | 50.037     |
| 21)                         | B Endrin ke...  | 7.196 | 7.754  | 613.7E6 | 126.7E6  | 51.327   | 50.409     |
| 22)                         | Mirex           | 7.385 | 8.208  | 364.9E6 | 74914410 | 49.176   | 46.387     |
| 24)                         | Chlordane-2     | 0.000 | 5.505f | 0       | 160.2E6  | N.D.     | 1551.591 # |
| 25)                         | Chlordane-3     | 5.438 | 6.126  | 726.0E6 | 147.5E6  | 552.934  | 380.540 #  |
| 26)                         | Chlordane-4     | 5.496 | 6.199  | 710.4E6 | 147.0E6  | 653.841  | 323.073 #  |
| 27)                         | Chlordane-5     | 6.324 | 0.000  | 602.9E6 | 0        | 1412.759 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

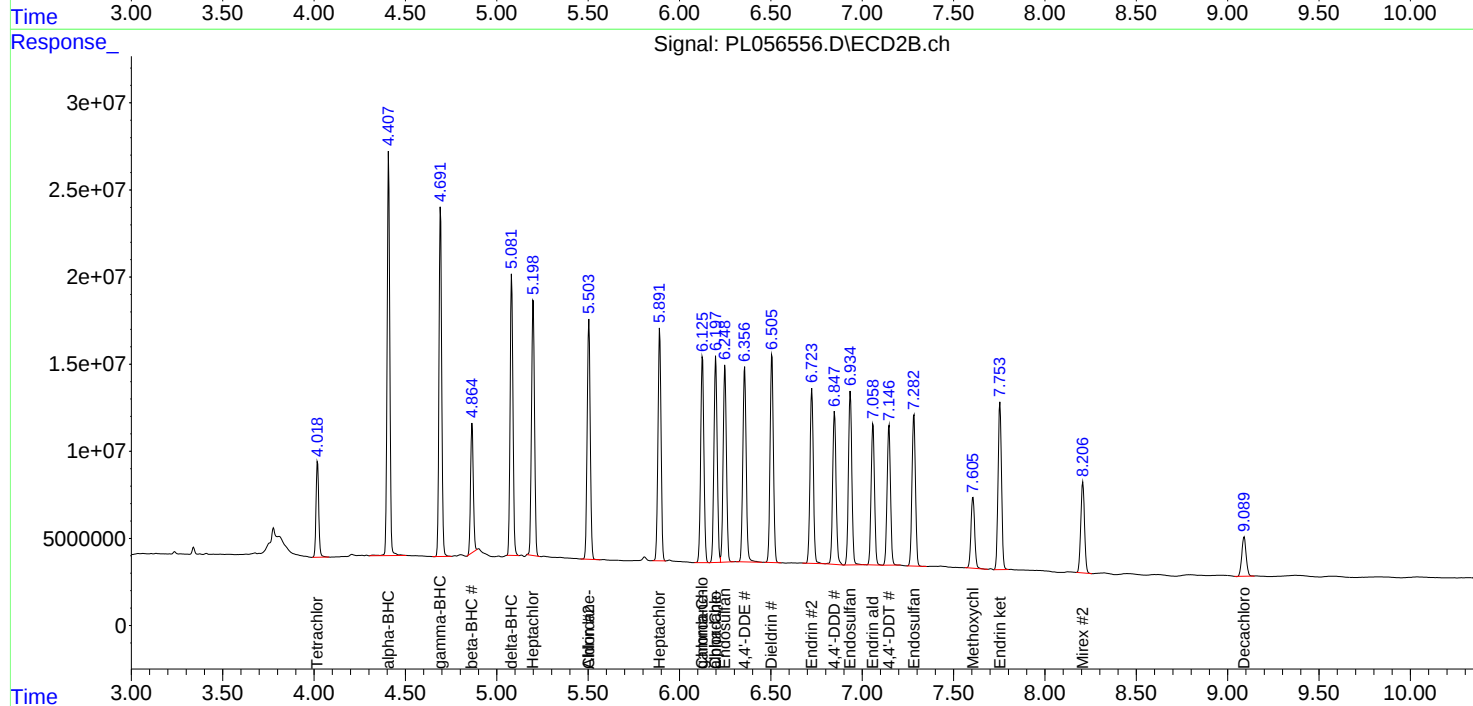
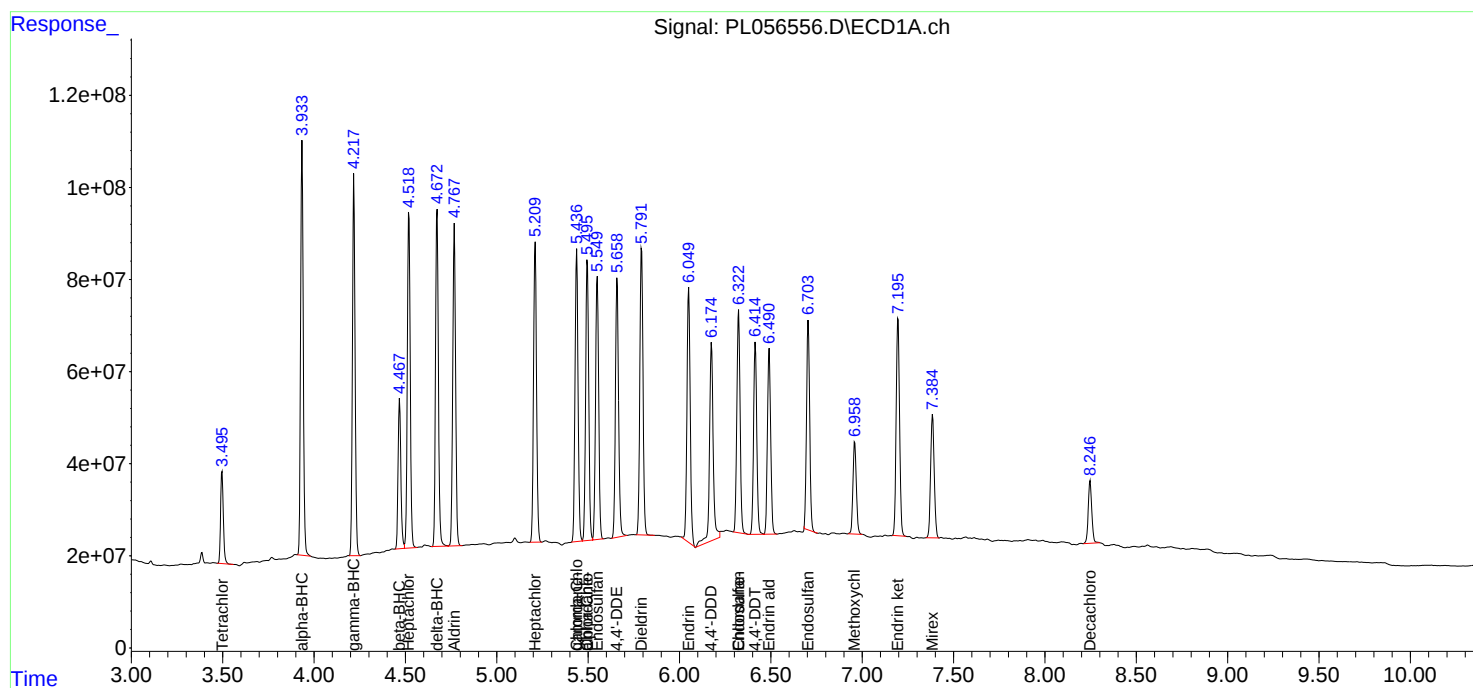
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

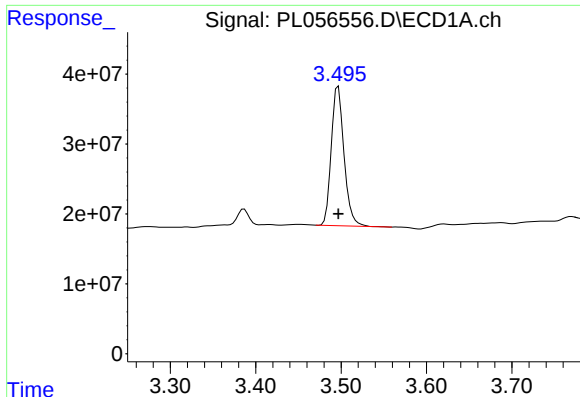
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021420\  
Data File : PL056556.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2020 14:03  
Operator : AJ\MA  
Sample : PB126822BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 21:53:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 13 05:32:36 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

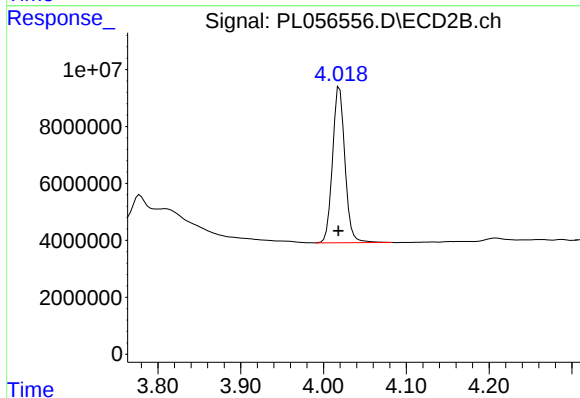




#1 Tetrachloro-m-xylene

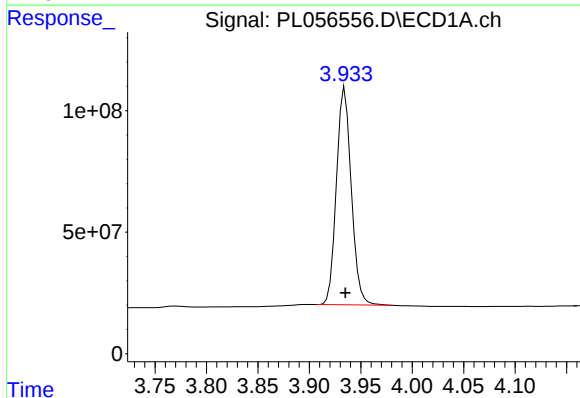
R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 207411163  
Conc: 23.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



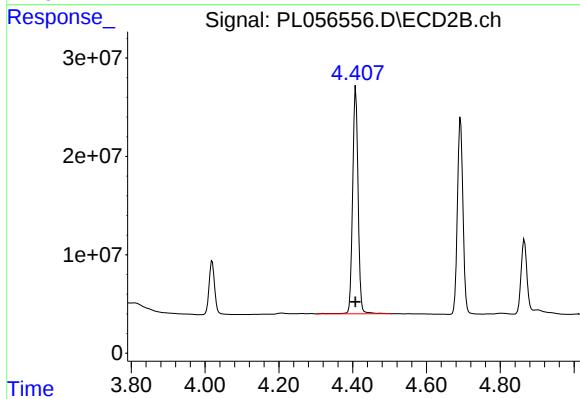
#1 Tetrachloro-m-xylene

R.T.: 4.019 min  
Delta R.T.: 0.001 min  
Response: 56997578  
Conc: 20.95 ng/ml



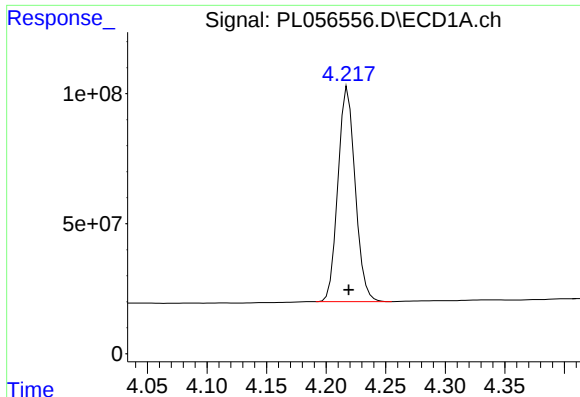
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 898942853  
Conc: 58.63 ng/ml



#2 alpha-BHC

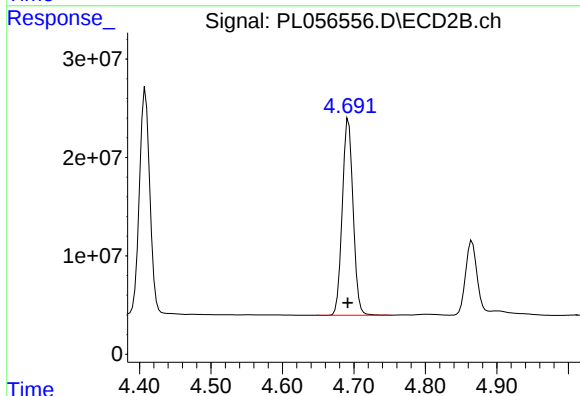
R.T.: 4.408 min  
Delta R.T.: 0.001 min  
Response: 236411980  
Conc: 58.06 ng/ml



#3 gamma-BHC (Lindane)

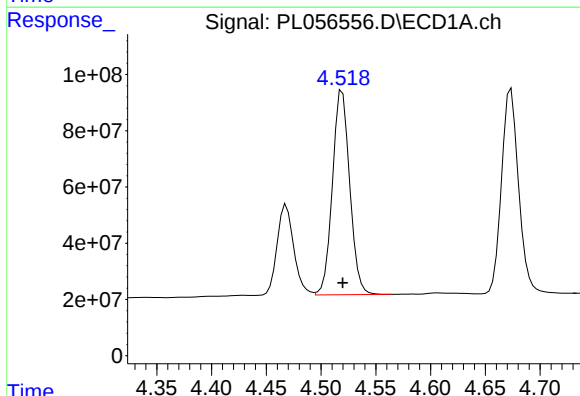
R.T.: 4.218 min  
Delta R.T.: 0.000 min  
Response: 830189159  
Conc: 58.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



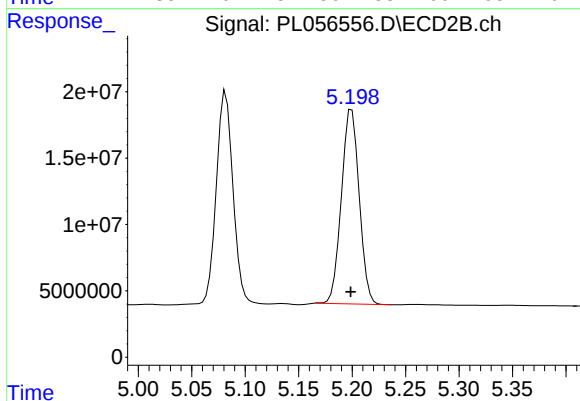
#3 gamma-BHC (Lindane)

R.T.: 4.692 min  
Delta R.T.: 0.001 min  
Response: 209309179  
Conc: 55.07 ng/ml



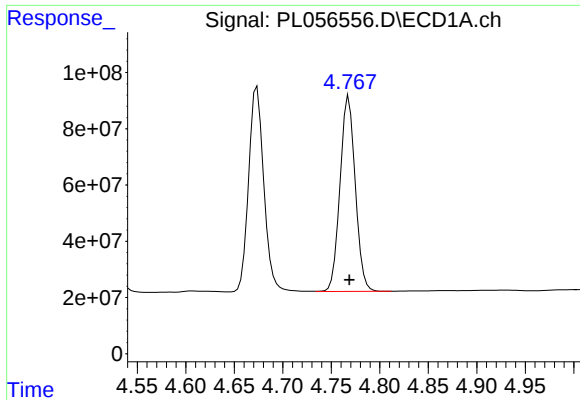
#4 Heptachlor

R.T.: 4.519 min  
Delta R.T.: 0.000 min  
Response: 798242639  
Conc: 54.84 ng/ml



#4 Heptachlor

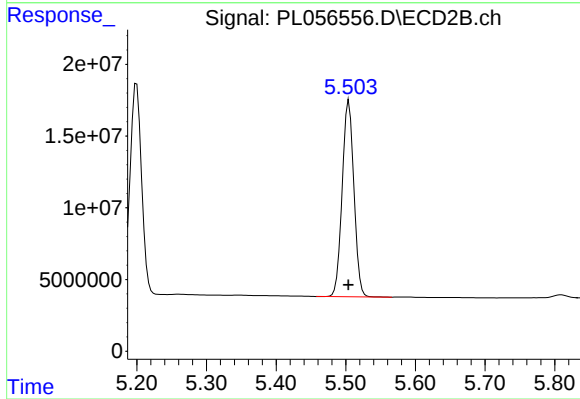
R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 169901853  
Conc: 50.54 ng/ml



#5 Aldrin

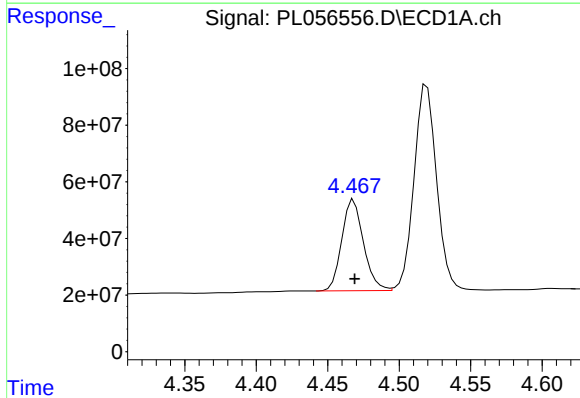
R.T.: 4.768 min  
Delta R.T.: 0.000 min  
Response: 759041658  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



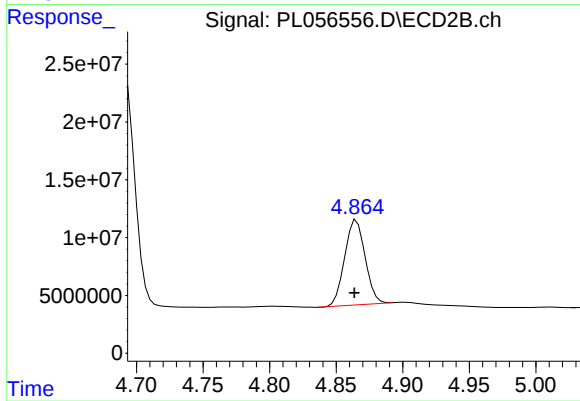
#5 Aldrin

R.T.: 5.505 min  
Delta R.T.: 0.000 min  
Response: 160189287  
Conc: 49.40 ng/ml



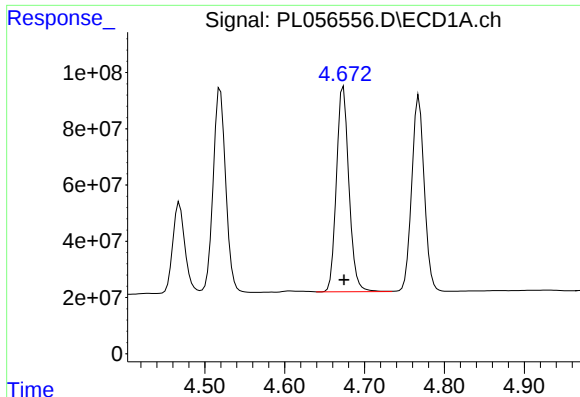
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 341157096  
Conc: 59.79 ng/ml



#6 beta-BHC

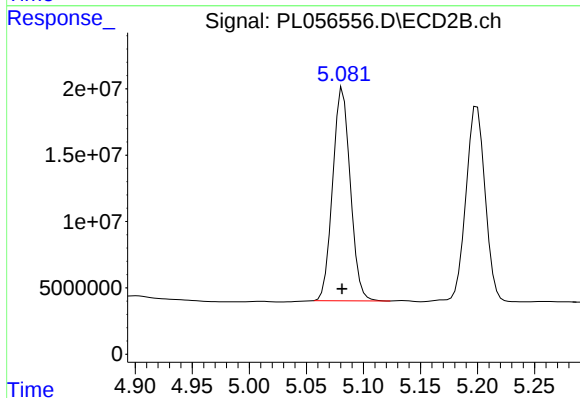
R.T.: 4.865 min  
Delta R.T.: 0.002 min  
Response: 78900789  
Conc: 54.50 ng/ml



#7 delta-BHC

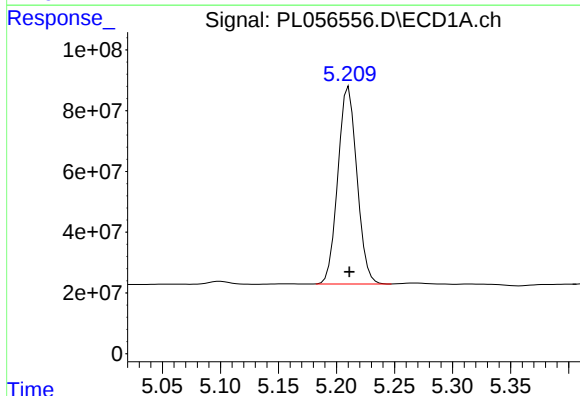
R.T.: 4.674 min  
Delta R.T.: 0.000 min  
Response: 793371964  
Conc: 56.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



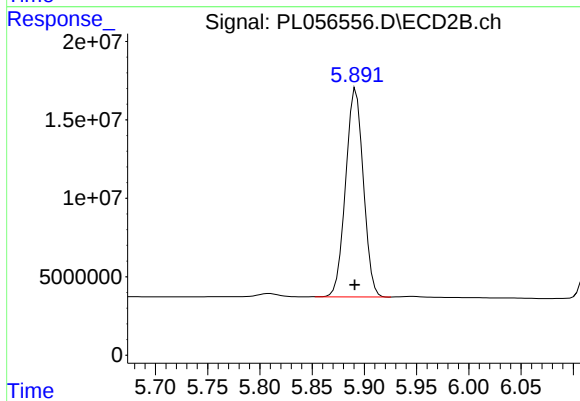
#7 delta-BHC

R.T.: 5.082 min  
Delta R.T.: 0.000 min  
Response: 173019208  
Conc: 58.73 ng/ml



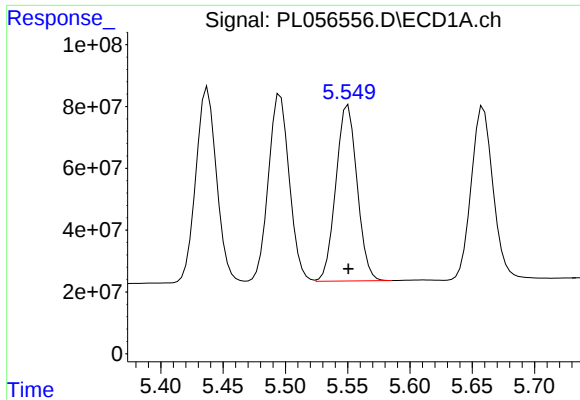
#8 Heptachlor epoxide

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 743133541  
Conc: 55.52 ng/ml



#8 Heptachlor epoxide

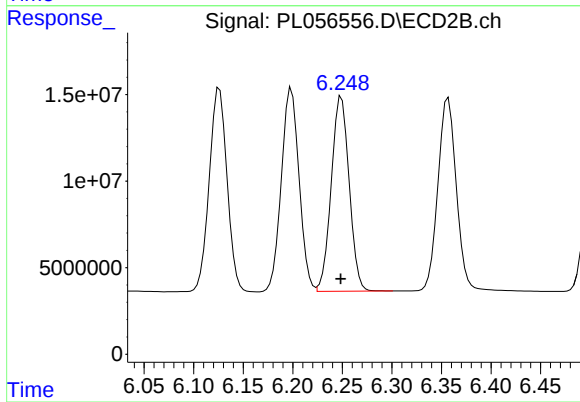
R.T.: 5.892 min  
Delta R.T.: 0.001 min  
Response: 156709147  
Conc: 56.02 ng/ml



#9 Endosulfan I

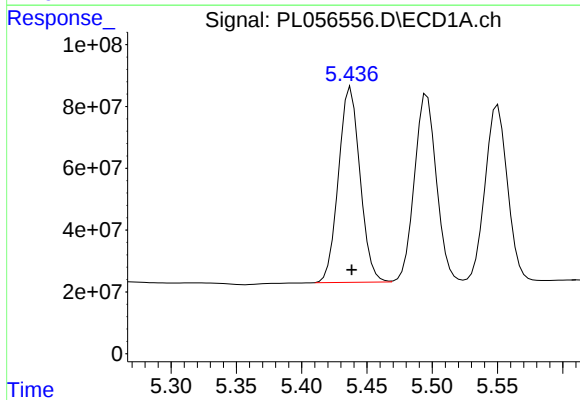
R.T.: 5.550 min  
Delta R.T.: 0.000 min  
Response: 676783743  
Conc: 53.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



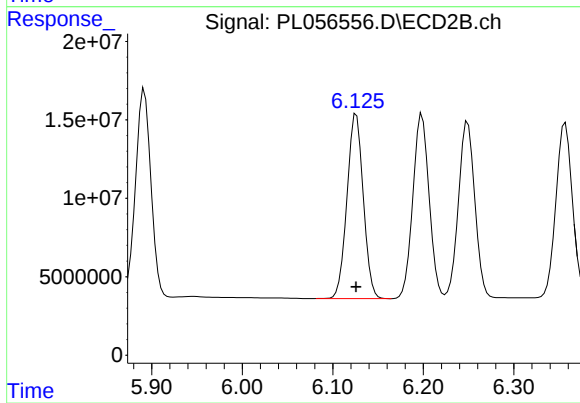
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 141385386  
Conc: 50.85 ng/ml



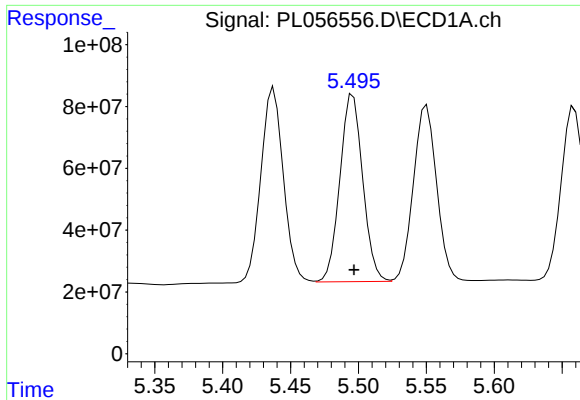
#10 gamma-Chlordane

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 725984314  
Conc: 52.78 ng/ml



#10 gamma-Chlordane

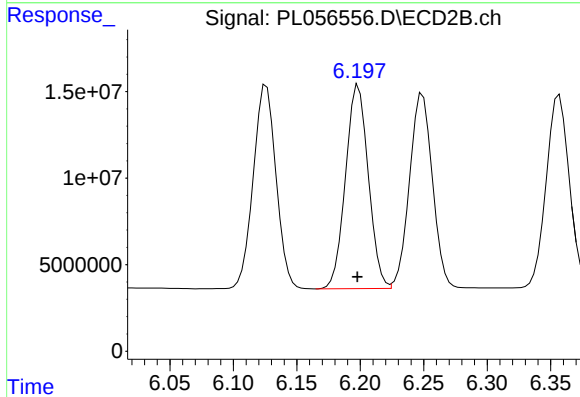
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 147467310  
Conc: 50.42 ng/ml



#11 alpha-Chlordane

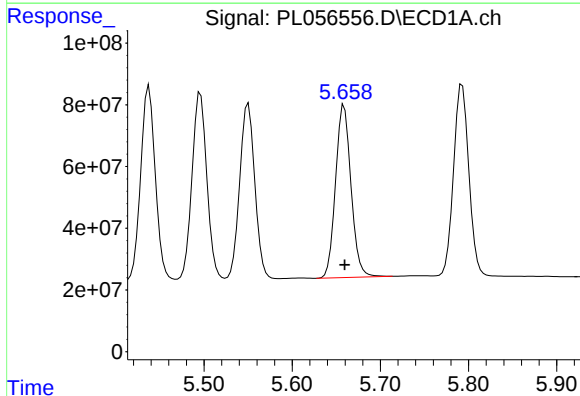
R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 710400986  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



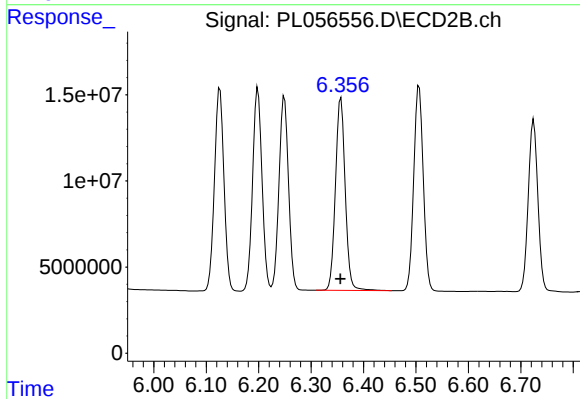
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 147029914  
Conc: 50.06 ng/ml



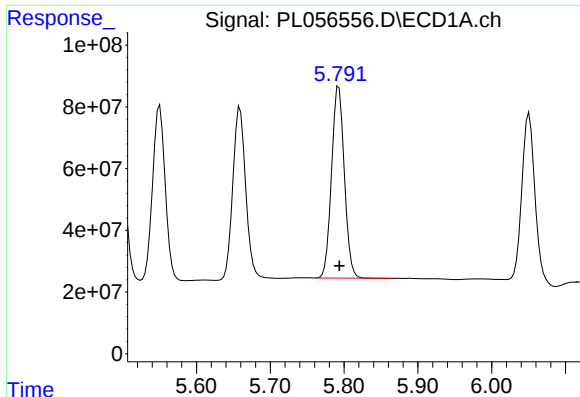
#12 4,4'-DDE

R.T.: 5.659 min  
Delta R.T.: 0.000 min  
Response: 681764226  
Conc: 53.62 ng/ml



#12 4,4'-DDE

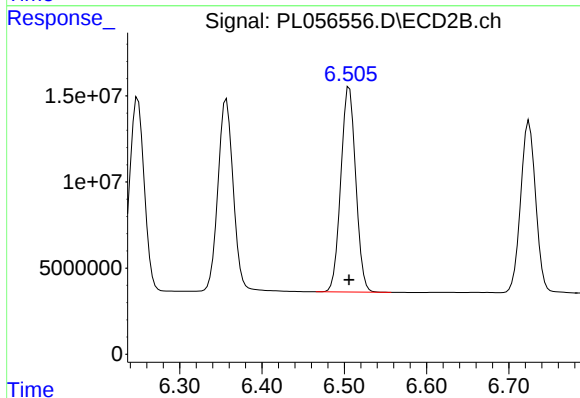
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 145060061  
Conc: 51.77 ng/ml



#13 Dieldrin

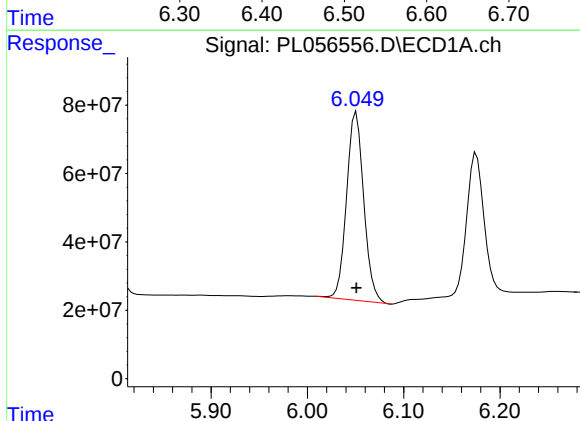
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 747949718  
Conc: 56.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



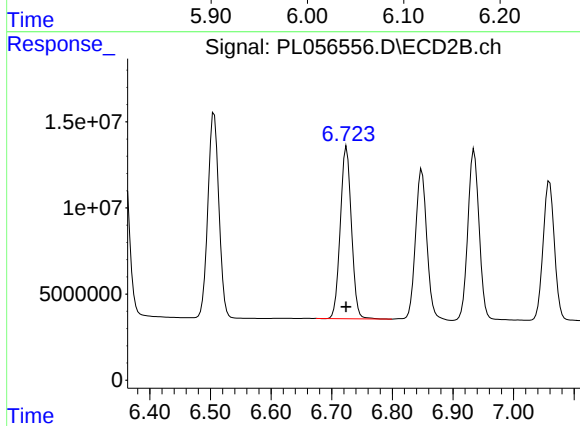
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 150012511  
Conc: 51.54 ng/ml



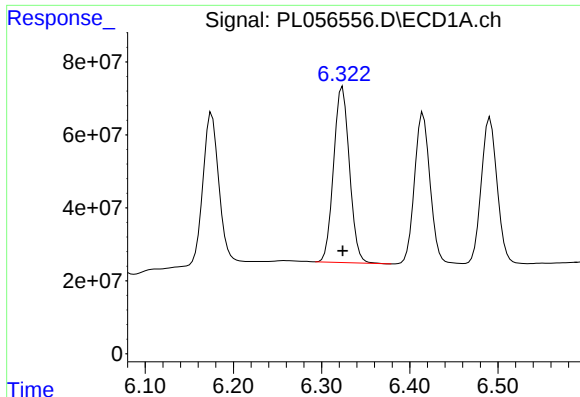
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 680921427  
Conc: 58.14 ng/ml



#14 Endrin

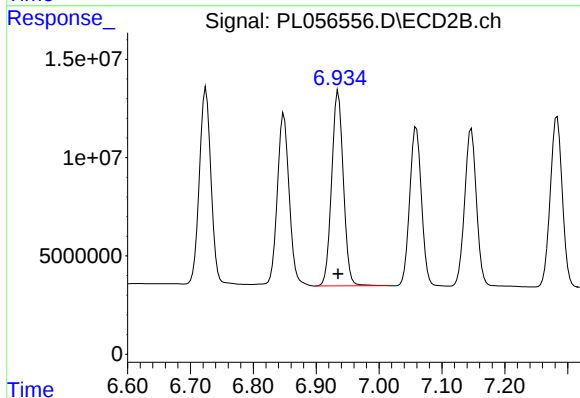
R.T.: 6.725 min  
Delta R.T.: 0.000 min  
Response: 126906657  
Conc: 52.10 ng/ml



#15 Endosulfan II

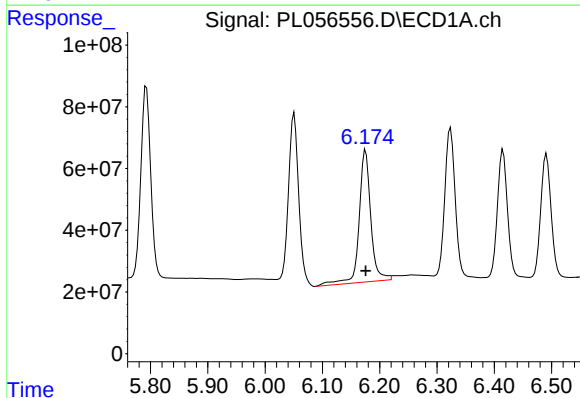
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 602895711  
Conc: 57.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



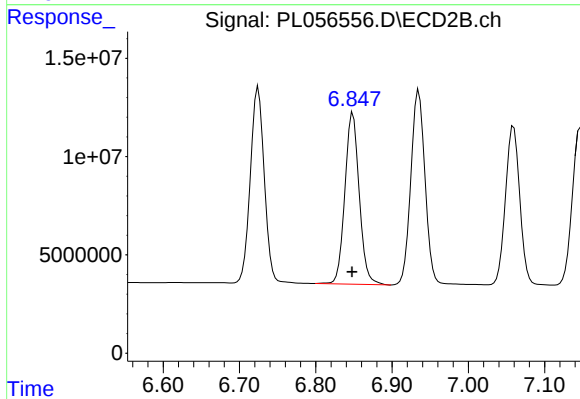
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 128479889  
Conc: 50.45 ng/ml



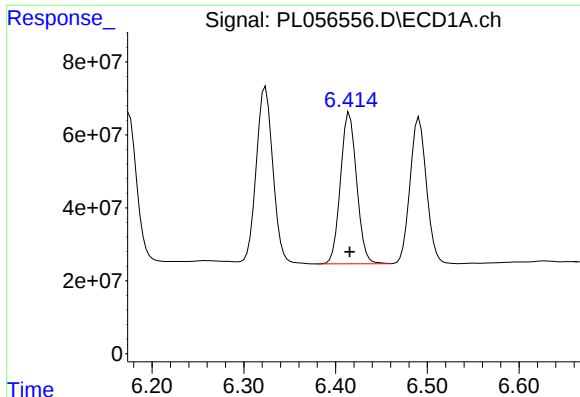
#16 4,4'-DDD

R.T.: 6.176 min  
Delta R.T.: 0.000 min  
Response: 603509418  
Conc: 63.77 ng/ml



#16 4,4'-DDD

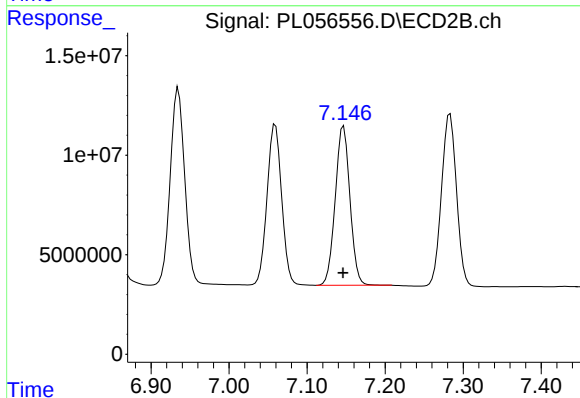
R.T.: 6.849 min  
Delta R.T.: 0.001 min  
Response: 114332324  
Conc: 50.55 ng/ml



#17 4,4'-DDT

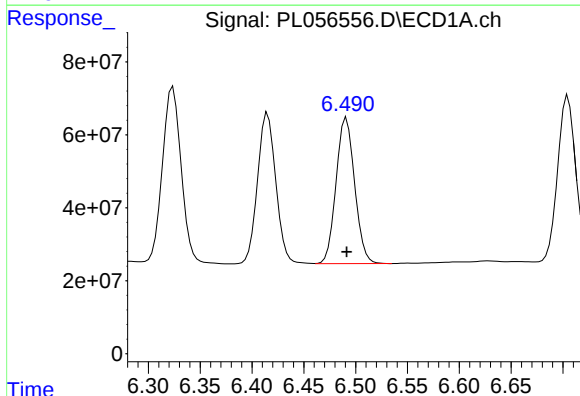
R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 508082915  
Conc: 53.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



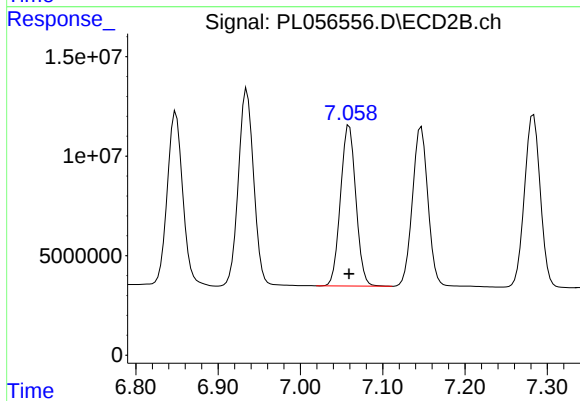
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 104652946  
Conc: 49.54 ng/ml



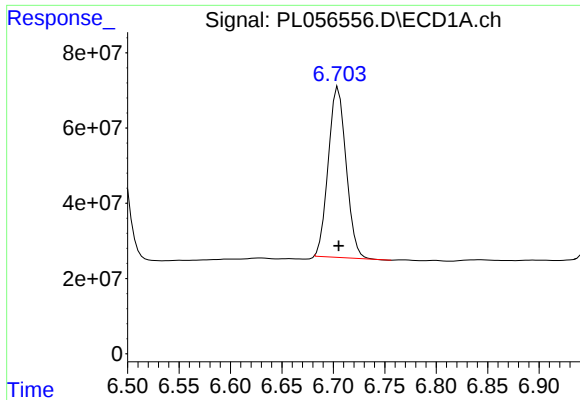
#18 Endrin aldehyde

R.T.: 6.491 min  
Delta R.T.: 0.000 min  
Response: 499340830  
Conc: 52.03 ng/ml



#18 Endrin aldehyde

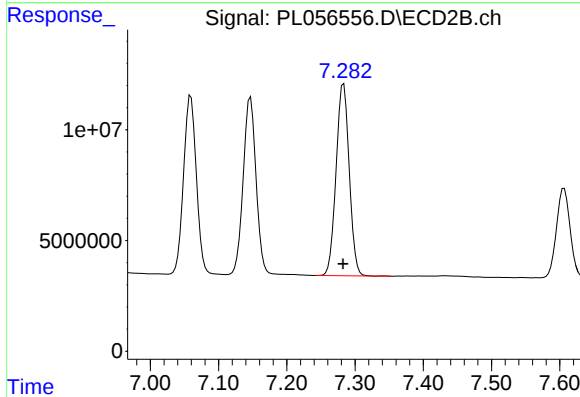
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 104975126  
Conc: 49.32 ng/ml



#19 Endosulfan Sulfate

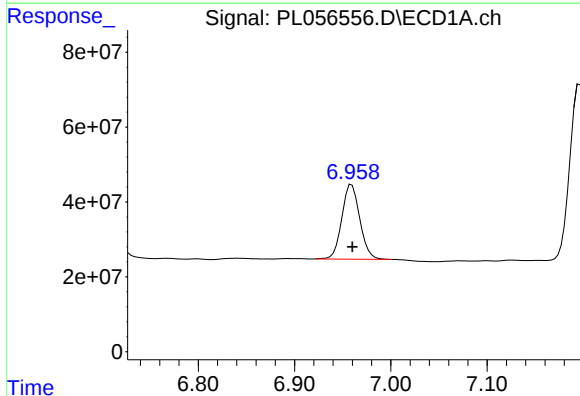
R.T.: 6.705 min  
Delta R.T.: 0.000 min  
Response: 546479602  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



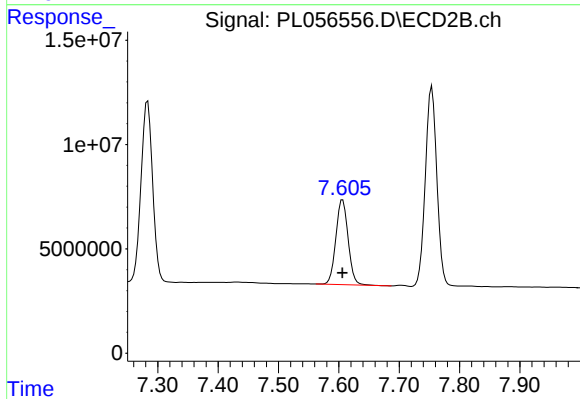
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 115927215  
Conc: 48.92 ng/ml



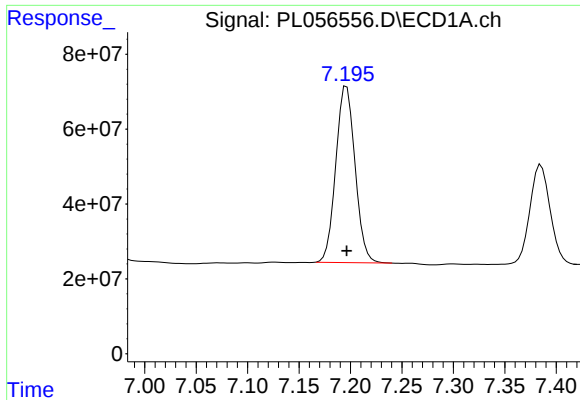
#20 Methoxychlor

R.T.: 6.959 min  
Delta R.T.: 0.000 min  
Response: 257664002  
Conc: 52.36 ng/ml



#20 Methoxychlor

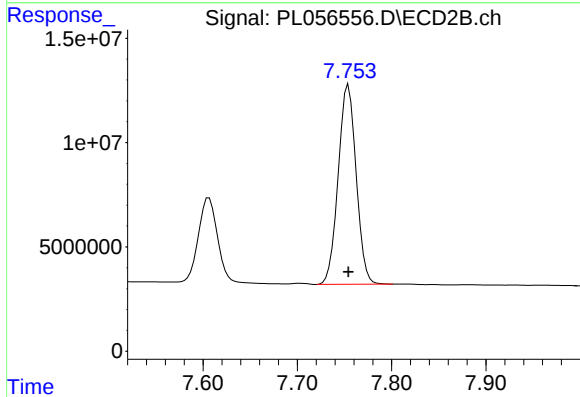
R.T.: 7.606 min  
Delta R.T.: 0.000 min  
Response: 57473133  
Conc: 50.04 ng/ml



#21 Endrin ketone

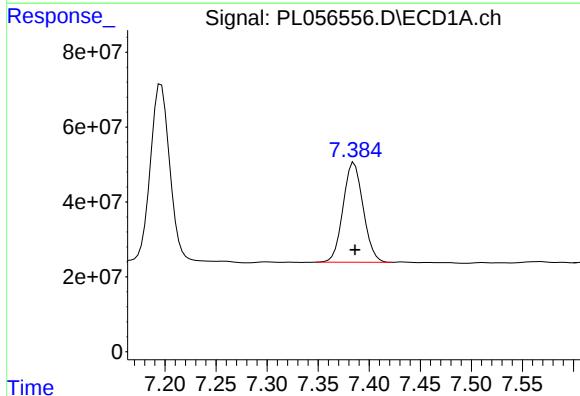
R.T.: 7.196 min  
Delta R.T.: 0.000 min  
Response: 613746728  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



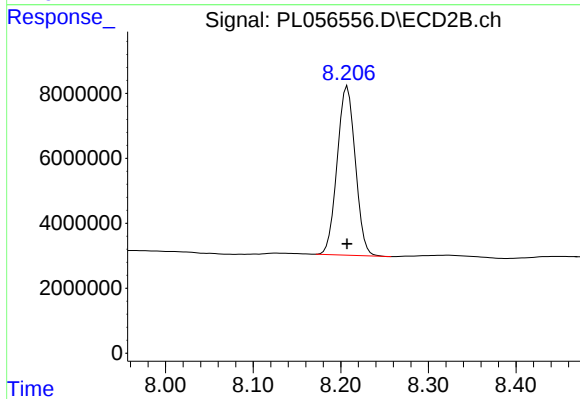
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 126663768  
Conc: 50.41 ng/ml



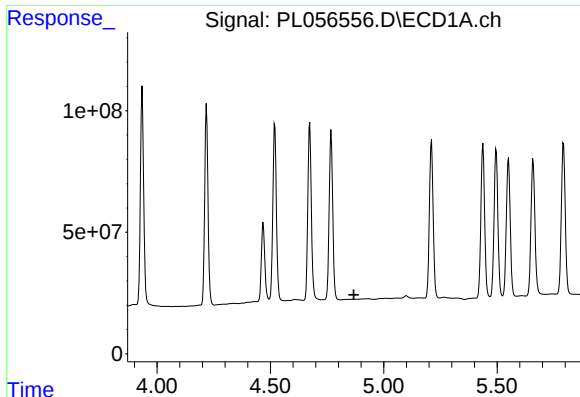
#22 Mirex

R.T.: 7.385 min  
Delta R.T.: -0.001 min  
Response: 364929412  
Conc: 49.18 ng/ml



#22 Mirex

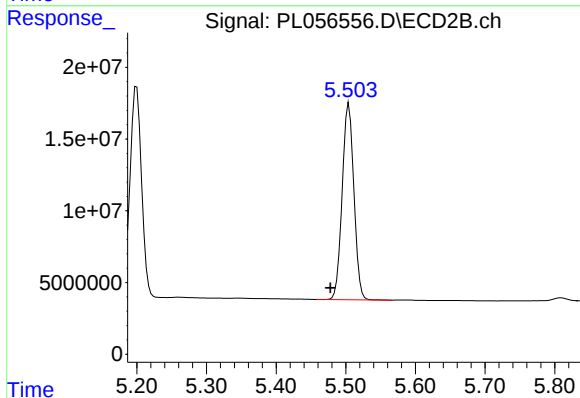
R.T.: 8.208 min  
Delta R.T.: 0.000 min  
Response: 74914410  
Conc: 46.39 ng/ml



#24 Chlordane-2

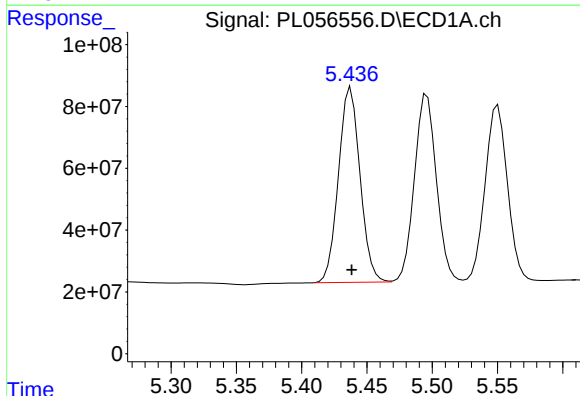
R.T.: 0.000 min  
Exp R.T.: 4.869 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



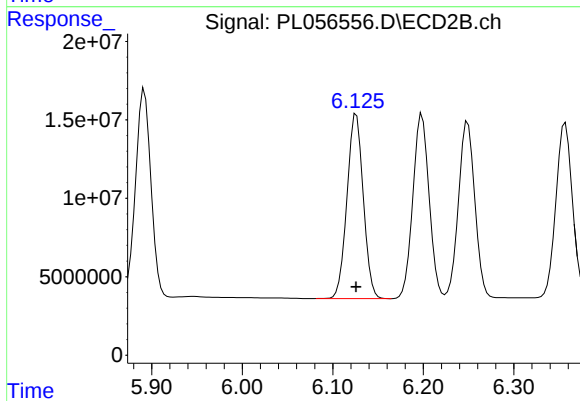
#24 Chlordane-2

R.T.: 5.505 min  
Delta R.T.: 0.027 min  
Response: 160189287  
Conc: 1551.59 ng/ml



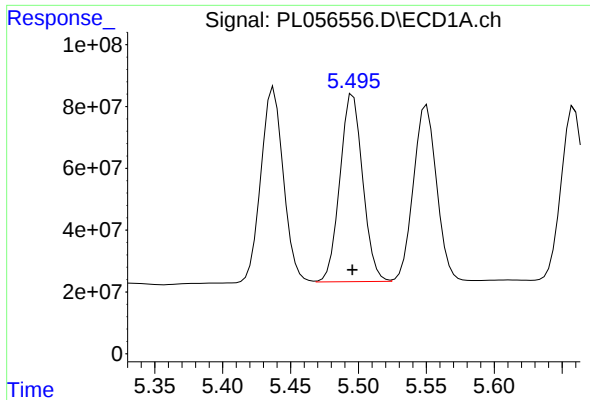
#25 Chlordane-3

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 725984314  
Conc: 552.93 ng/ml



#25 Chlordane-3

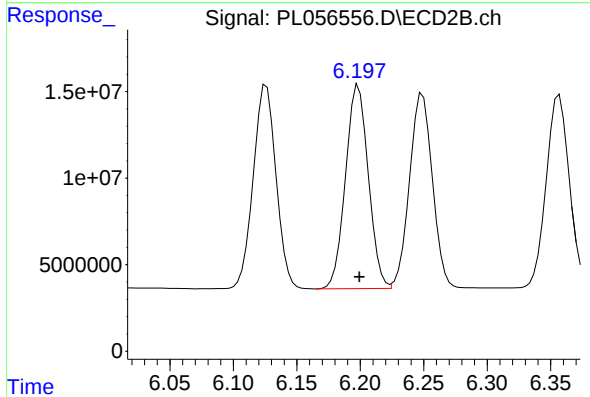
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 147467310  
Conc: 380.54 ng/ml



#26 Chlordane-4

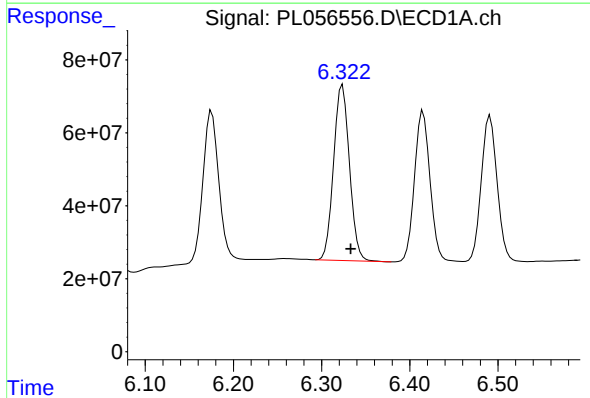
R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 710400986  
Conc: 653.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



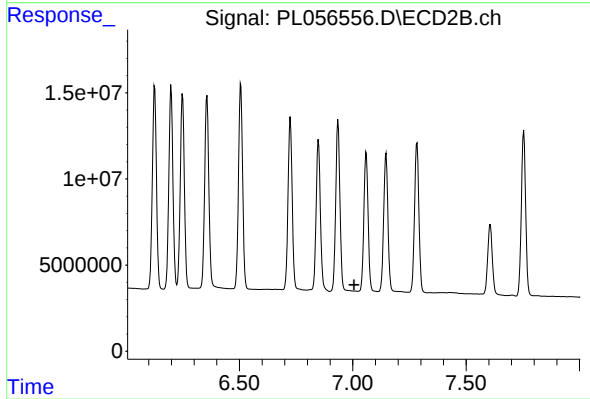
#26 Chlordane-4

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 147029914  
Conc: 323.07 ng/ml



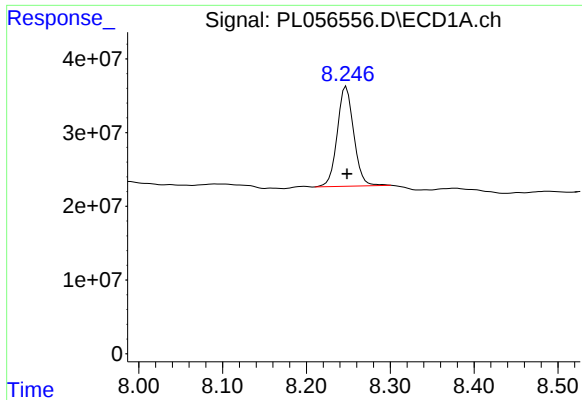
#27 Chlordane-5

R.T.: 6.324 min  
Delta R.T.: -0.009 min  
Response: 602895711  
Conc: 1412.76 ng/ml



#27 Chlordane-5

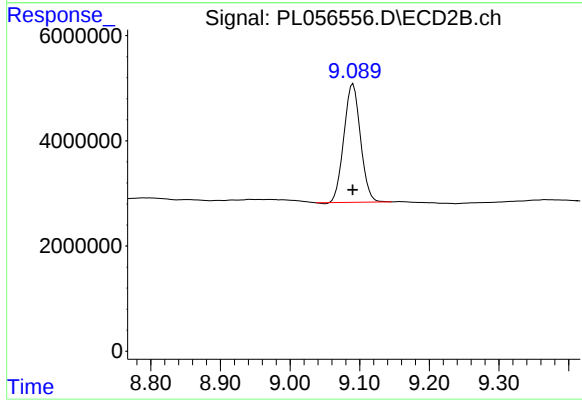
R.T.: 0.000 min  
Exp R.T.: 7.006 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.248 min  
Delta R.T.: -0.001 min  
Response: 185265714  
Conc: 19.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: 0.000 min  
Response: 37197212  
Conc: 18.24 ng/ml