

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021820\  
 Data File : PL056632.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Feb 2020 16:15  
 Operator : AJ\MA  
 Sample : PB126893BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 19 01:29:03 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 | 4.020  | 159.3E6 | 48831200 | 18.055   | 17.950     |
| 28)                         | SA Decachlor... | 8.250 | 9.092  | 173.6E6 | 38480904 | 18.121   | 18.865     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.935 | 4.410  | 691.2E6 | 176.4E6  | 45.081   | 43.333     |
| 3)                          | MA gamma-BHC... | 4.219 | 4.694  | 644.7E6 | 162.0E6  | 45.692   | 42.634     |
| 4)                          | MA Heptachlor   | 4.520 | 5.201  | 646.6E6 | 142.7E6  | 44.427   | 42.444     |
| 5)                          | MB Aldrin       | 4.769 | 5.506  | 660.3E6 | 145.0E6  | 46.336   | 44.710     |
| 6)                          | B beta-BHC      | 4.469 | 4.866  | 277.2E6 | 69128555 | 48.580   | 47.751     |
| 7)                          | B delta-BHC     | 4.675 | 5.083  | 635.6E6 | 146.0E6  | 45.404   | 49.549     |
| 8)                          | B Heptachlo...  | 5.212 | 5.893  | 625.6E6 | 133.9E6  | 46.736   | 47.864     |
| 9)                          | A Endosulfan I  | 5.552 | 6.251  | 597.2E6 | 125.0E6  | 47.592   | 44.971     |
| 10)                         | B gamma-Chl...  | 5.439 | 6.128  | 639.9E6 | 132.6E6  | 46.520   | 45.325     |
| 11)                         | B alpha-Chl...  | 5.497 | 6.200  | 618.9E6 | 130.2E6  | 45.439   | 44.316     |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.359  | 616.2E6 | 126.7E6  | 48.458   | 45.208     |
| 13)                         | MA Dieldrin     | 5.795 | 6.507  | 652.1E6 | 131.5E6  | 48.887   | 45.200     |
| 14)                         | MA Endrin       | 6.053 | 6.726  | 552.5E6 | 105.5E6  | 47.171   | 43.300     |
| 15)                         | B Endosulfa...  | 6.325 | 6.937  | 527.7E6 | 109.6E6  | 50.132   | 43.038     |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.851  | 490.6E6 | 103.9E6  | 51.844   | 45.929     |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.148  | 444.8E6 | 88166037 | 46.933   | 41.737     |
| 18)                         | B Endrin al...  | 6.494 | 7.061  | 456.1E6 | 95315380 | 47.527   | 44.784     |
| 19)                         | B Endosulfa...  | 6.706 | 7.285  | 529.6E6 | 107.3E6  | 49.748   | 45.265     |
| 20)                         | A Methoxychlor  | 6.962 | 7.608  | 215.5E6 | 47206635 | 43.800   | 41.099     |
| 21)                         | B Endrin ke...  | 7.198 | 7.756  | 555.7E6 | 115.8E6  | 46.471   | 46.096     |
| 22)                         | Mirex           | 7.387 | 8.209  | 364.8E6 | 77391795 | 49.156   | 47.921     |
| 24)                         | Chlordane-2     | 0.000 | 5.506f | 0       | 145.0E6  | N.D.     | 1404.414 # |
| 25)                         | Chlordane-3     | 5.439 | 6.128  | 639.9E6 | 132.6E6  | 487.368  | 342.106 #  |
| 26)                         | Chlordane-4     | 5.497 | 6.200  | 618.9E6 | 130.2E6  | 569.624  | 286.029 #  |
| 27)                         | Chlordane-5     | 6.325 | 0.000  | 527.7E6 | 0        | 1236.471 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

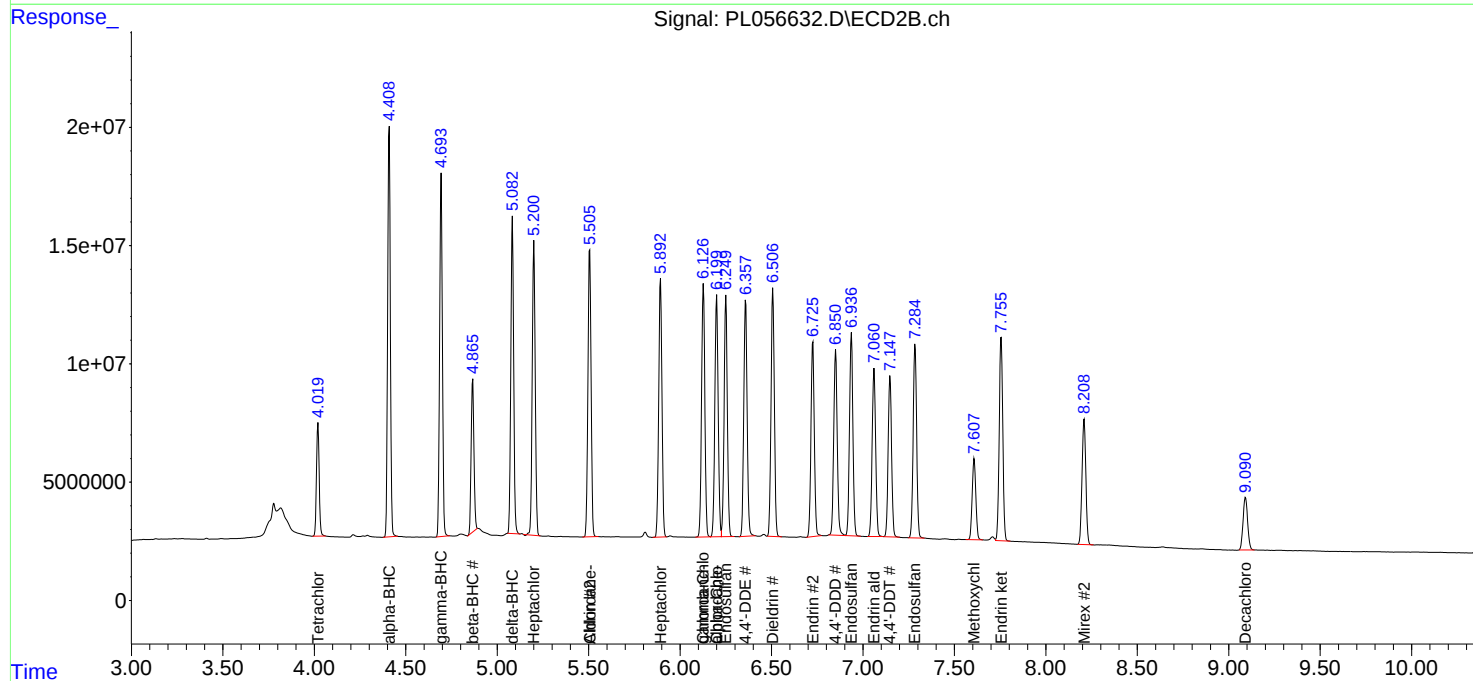
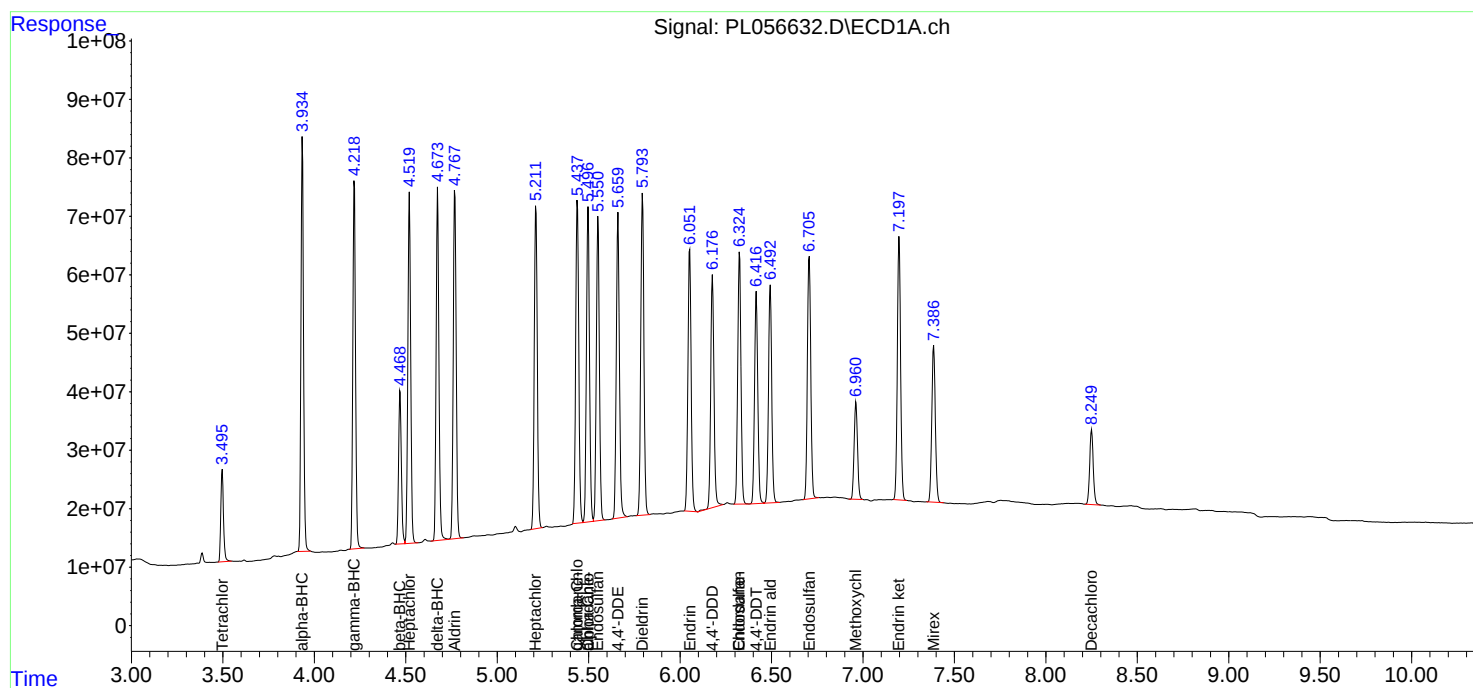
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

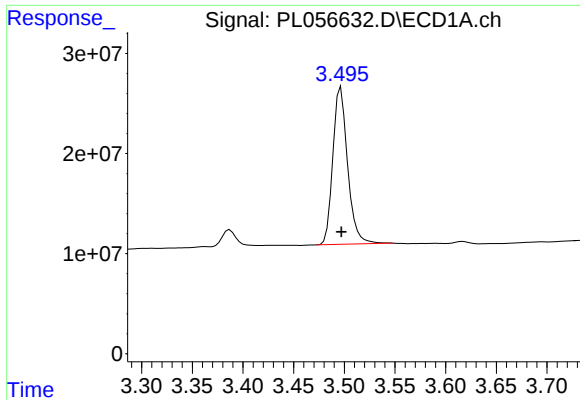
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021820\  
Data File : PL056632.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Feb 2020 16:15  
Operator : AJ\MA  
Sample : PB126893BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 19 01:29:03 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

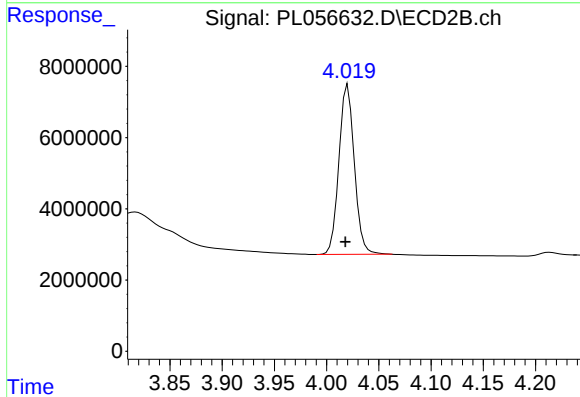




#1 Tetrachloro-m-xylene

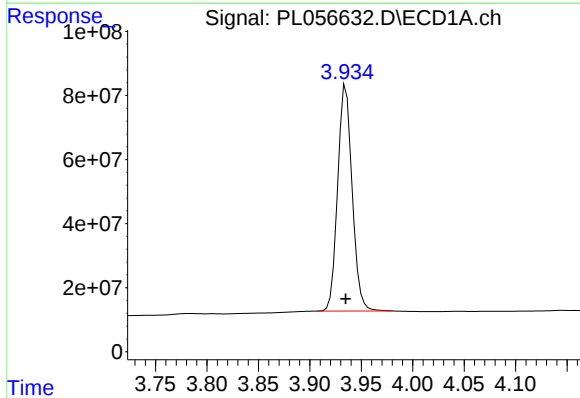
R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 159307266  
Conc: 18.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



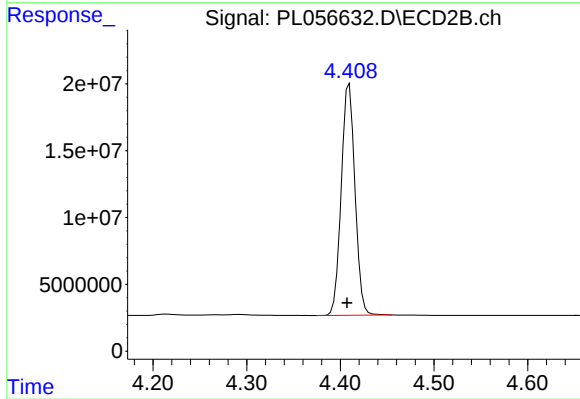
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.002 min  
Response: 48831200  
Conc: 17.95 ng/ml



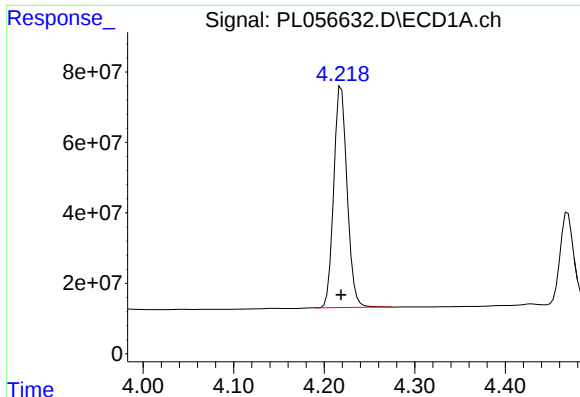
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 691163825  
Conc: 45.08 ng/ml



#2 alpha-BHC

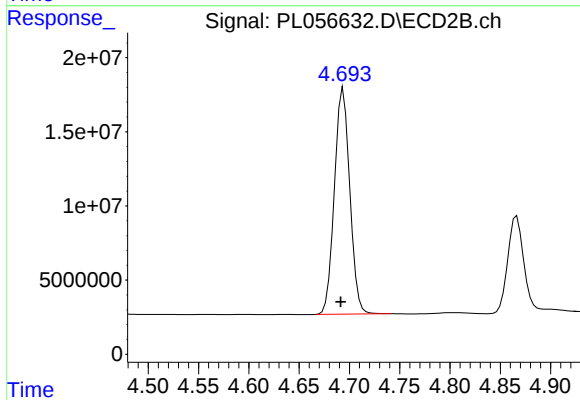
R.T.: 4.410 min  
Delta R.T.: 0.002 min  
Response: 176448205  
Conc: 43.33 ng/ml



#3 gamma-BHC (Lindane)

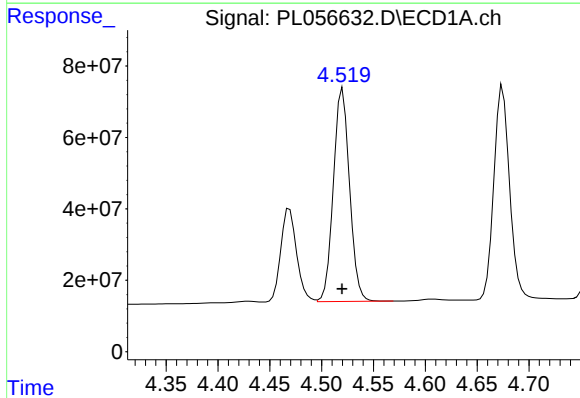
R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 644674447  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



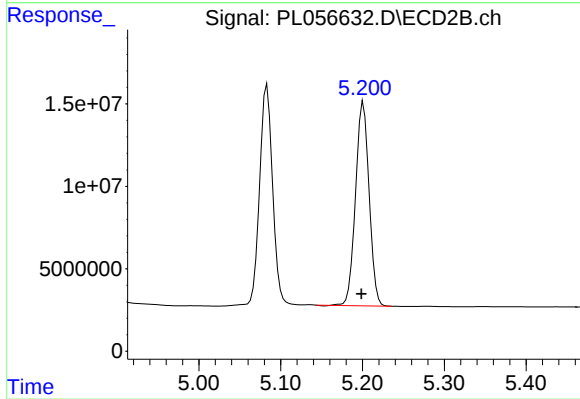
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.003 min  
Response: 162033687  
Conc: 42.63 ng/ml



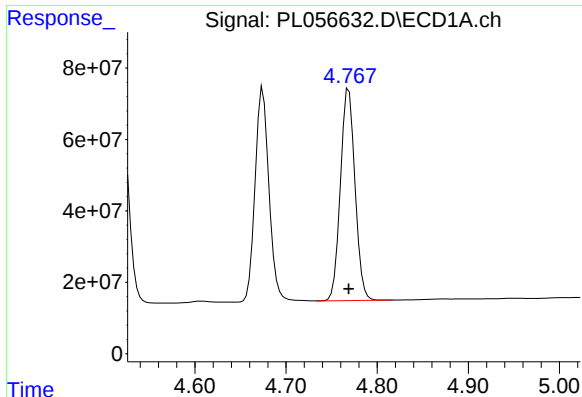
#4 Heptachlor

R.T.: 4.520 min  
Delta R.T.: 0.000 min  
Response: 646649404  
Conc: 44.43 ng/ml



#4 Heptachlor

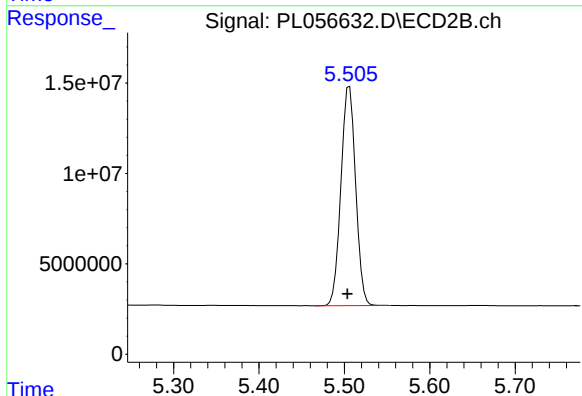
R.T.: 5.201 min  
Delta R.T.: 0.002 min  
Response: 142693221  
Conc: 42.44 ng/ml



#5 Aldrin

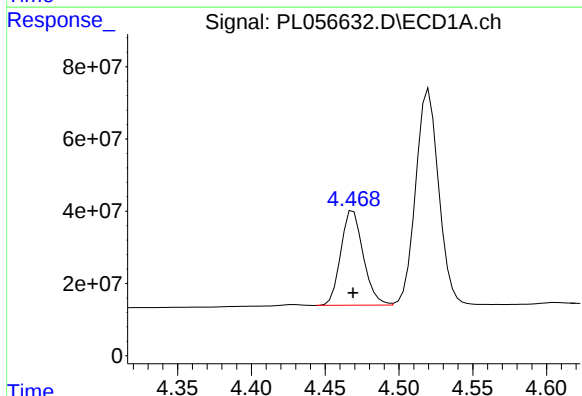
R.T.: 4.769 min  
Delta R.T.: 0.000 min  
Response: 660336908  
Conc: 46.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



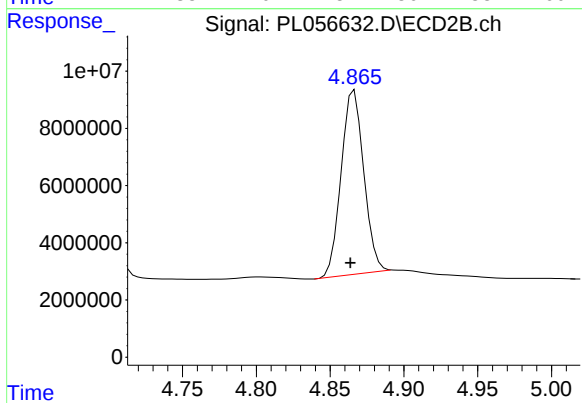
#5 Aldrin

R.T.: 5.506 min  
Delta R.T.: 0.002 min  
Response: 144994381  
Conc: 44.71 ng/ml



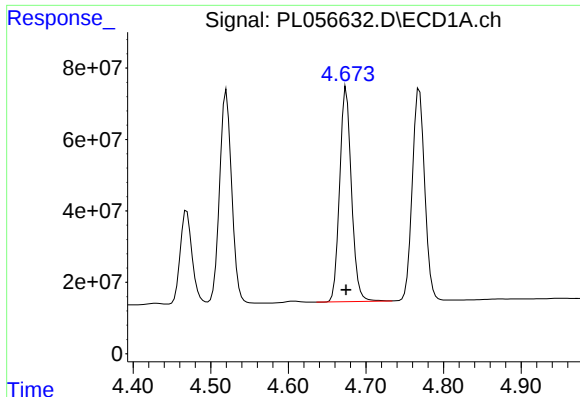
#6 beta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 277195101  
Conc: 48.58 ng/ml



#6 beta-BHC

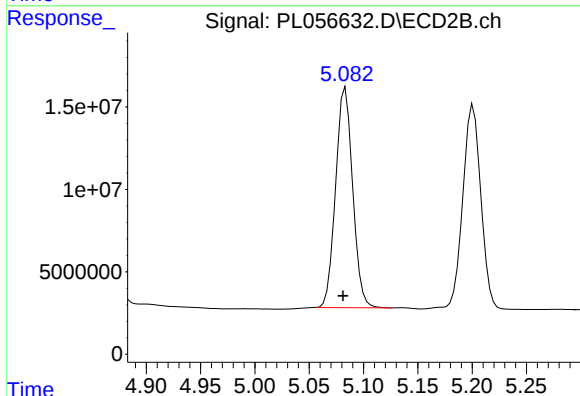
R.T.: 4.866 min  
Delta R.T.: 0.003 min  
Response: 69128555  
Conc: 47.75 ng/ml



#7 delta-BHC

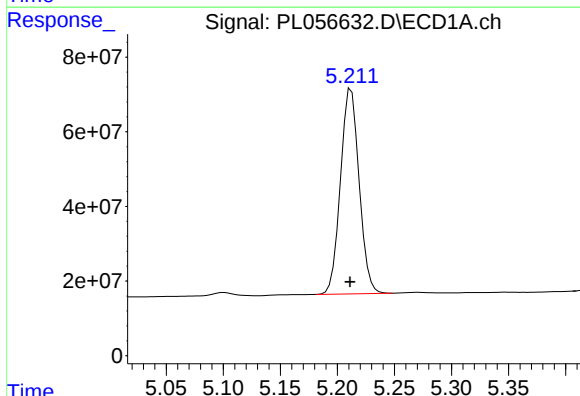
R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: 635552651  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



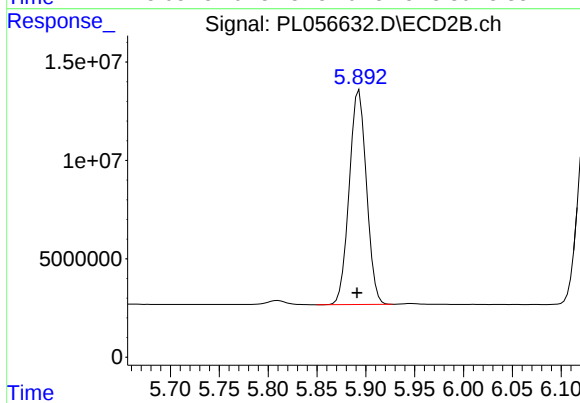
#7 delta-BHC

R.T.: 5.083 min  
Delta R.T.: 0.002 min  
Response: 145981618  
Conc: 49.55 ng/ml



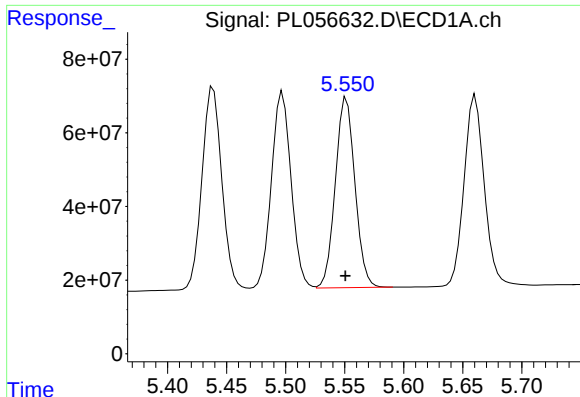
#8 Heptachlor epoxide

R.T.: 5.212 min  
Delta R.T.: 0.000 min  
Response: 625562901  
Conc: 46.74 ng/ml



#8 Heptachlor epoxide

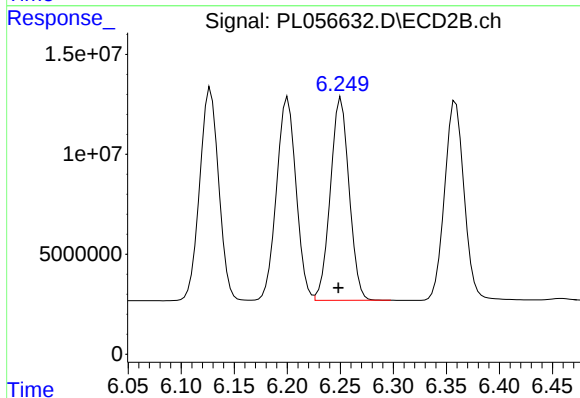
R.T.: 5.893 min  
Delta R.T.: 0.002 min  
Response: 133898948  
Conc: 47.86 ng/ml



#9 Endosulfan I

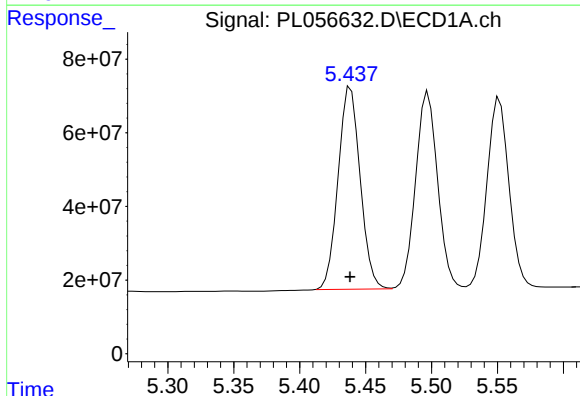
R.T.: 5.552 min  
Delta R.T.: 0.001 min  
Response: 597157979  
Conc: 47.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



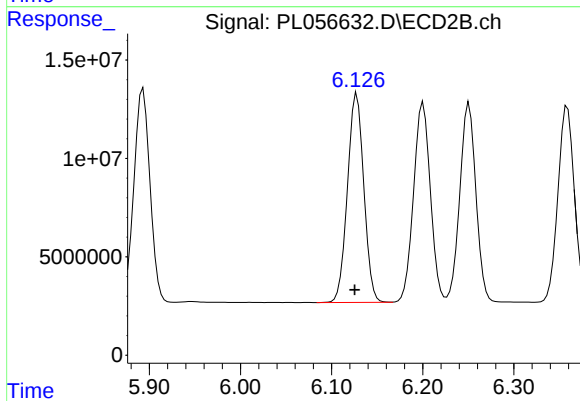
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.003 min  
Response: 125038008  
Conc: 44.97 ng/ml



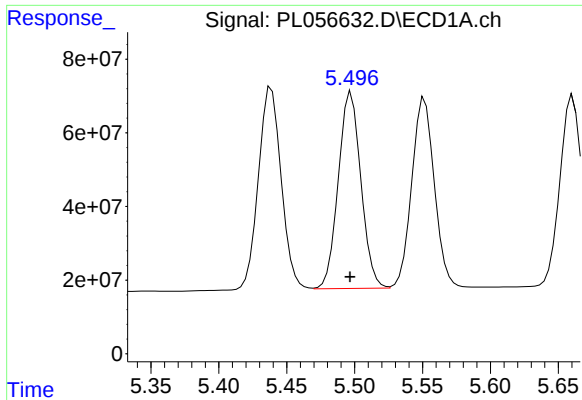
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 639898282  
Conc: 46.52 ng/ml



#10 gamma-Chlordane

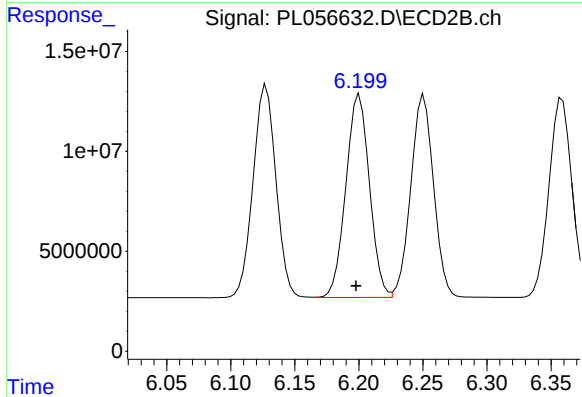
R.T.: 6.128 min  
Delta R.T.: 0.002 min  
Response: 132573260  
Conc: 45.33 ng/ml



#11 alpha-Chlordane

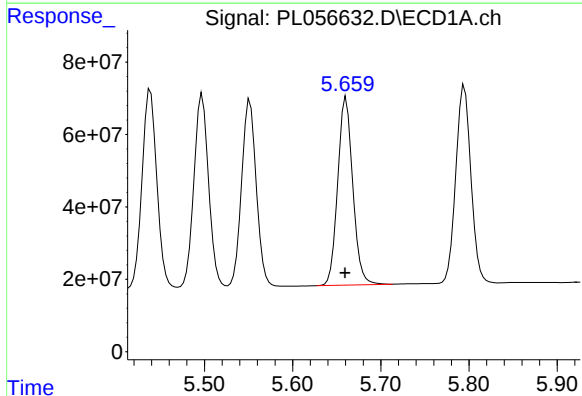
R.T.: 5.497 min  
Delta R.T.: 0.000 min  
Response: 618898949  
Conc: 45.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



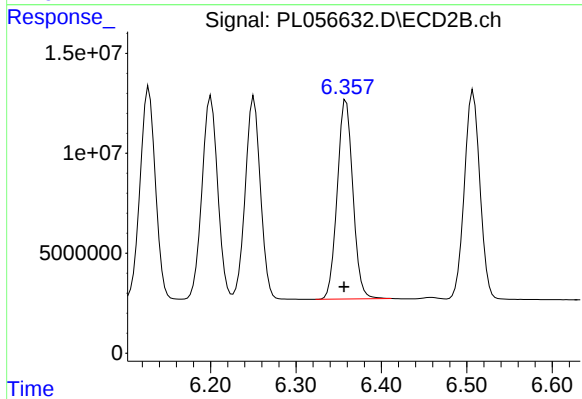
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.003 min  
Response: 130171121  
Conc: 44.32 ng/ml



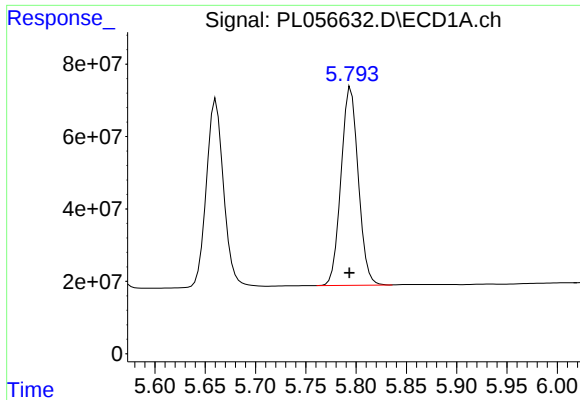
#12 4,4'-DDE

R.T.: 5.661 min  
Delta R.T.: 0.000 min  
Response: 616150636  
Conc: 48.46 ng/ml



#12 4,4'-DDE

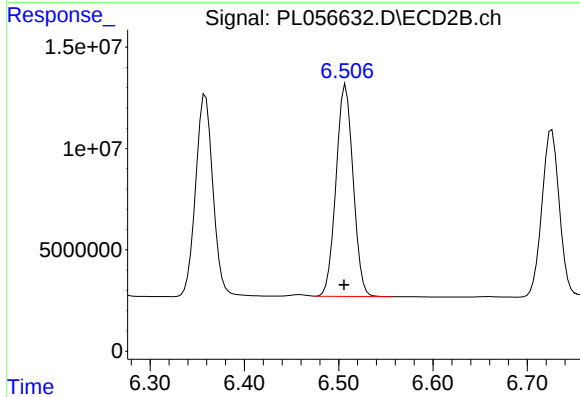
R.T.: 6.359 min  
Delta R.T.: 0.003 min  
Response: 126677851  
Conc: 45.21 ng/ml



#13 Dieldrin

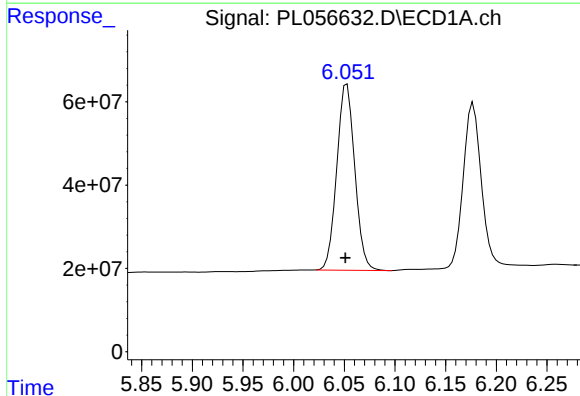
R.T.: 5.795 min  
Delta R.T.: 0.001 min  
Response: 652132614  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



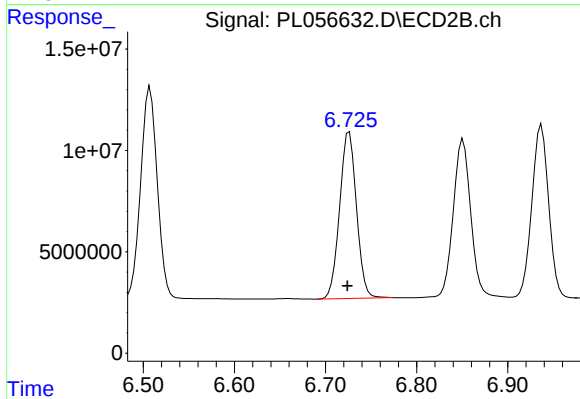
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.002 min  
Response: 131547704  
Conc: 45.20 ng/ml



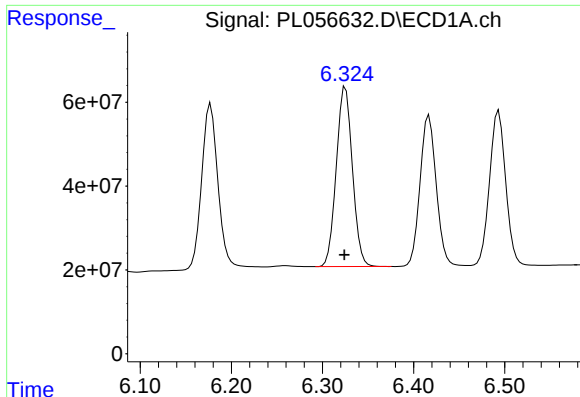
#14 Endrin

R.T.: 6.053 min  
Delta R.T.: 0.002 min  
Response: 552498874  
Conc: 47.17 ng/ml



#14 Endrin

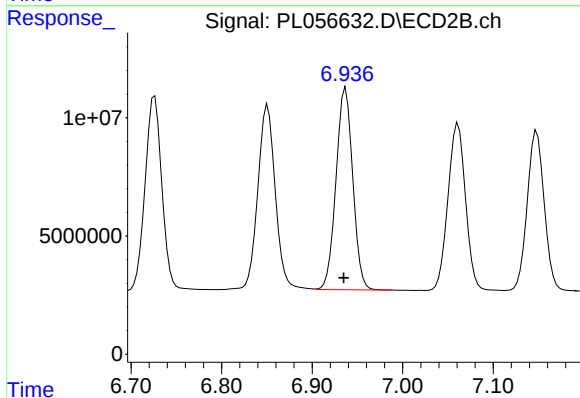
R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 105472592  
Conc: 43.30 ng/ml



#15 Endosulfan II

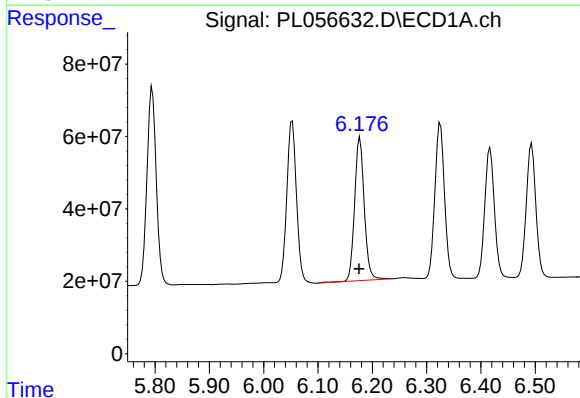
R.T.: 6.325 min  
Delta R.T.: 0.001 min  
Response: 527664412  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



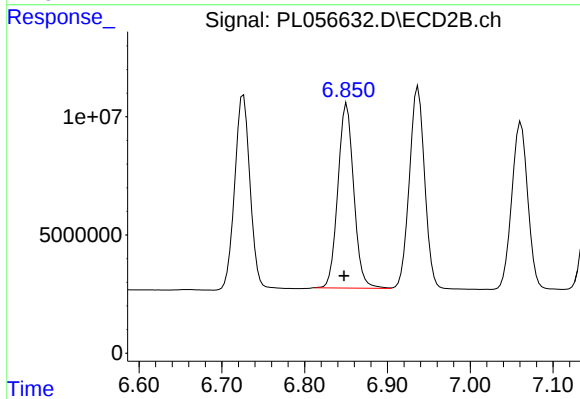
#15 Endosulfan II

R.T.: 6.937 min  
Delta R.T.: 0.002 min  
Response: 109602369  
Conc: 43.04 ng/ml



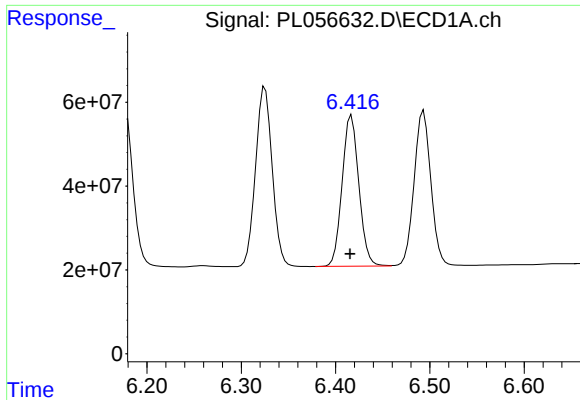
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: 0.002 min  
Response: 490622897  
Conc: 51.84 ng/ml



#16 4,4'-DDD

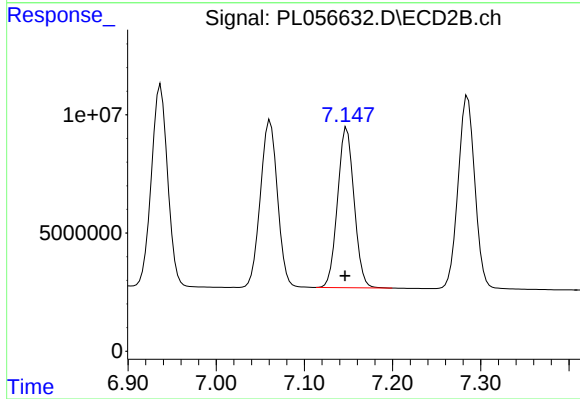
R.T.: 6.851 min  
Delta R.T.: 0.004 min  
Response: 103878076  
Conc: 45.93 ng/ml



#17 4,4'-DDT

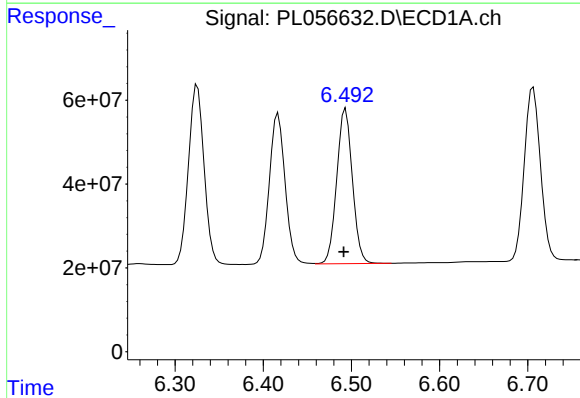
R.T.: 6.417 min  
Delta R.T.: 0.001 min  
Response: 444791490  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



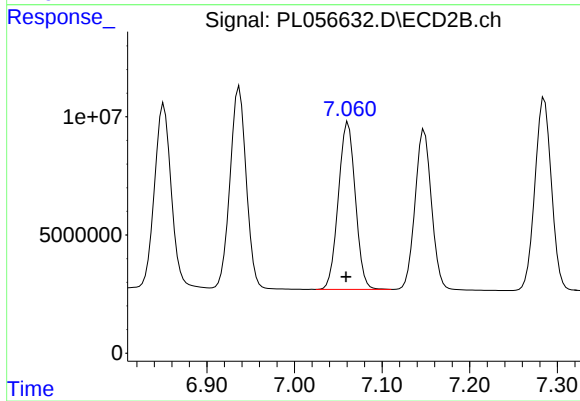
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.002 min  
Response: 88166037  
Conc: 41.74 ng/ml



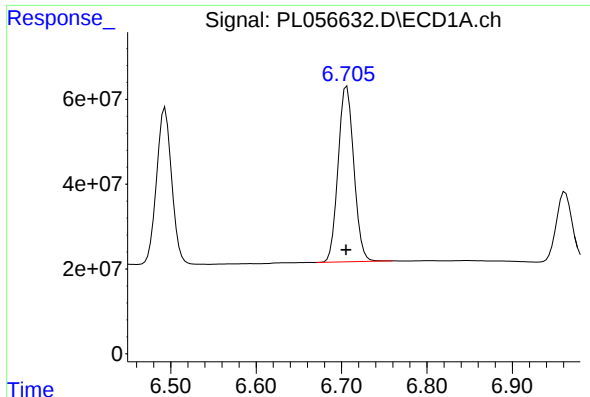
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: 0.002 min  
Response: 456085930  
Conc: 47.53 ng/ml



#18 Endrin aldehyde

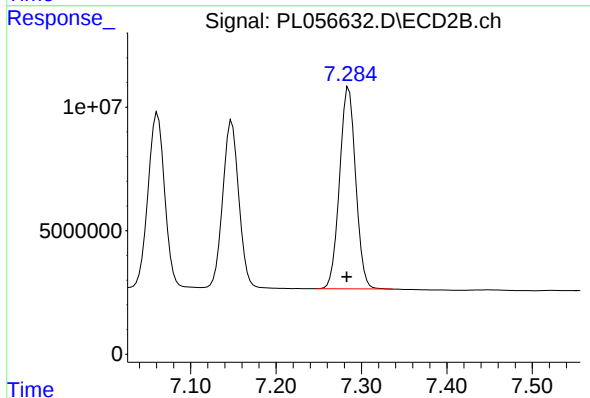
R.T.: 7.061 min  
Delta R.T.: 0.002 min  
Response: 95315380  
Conc: 44.78 ng/ml



#19 Endosulfan Sulfate

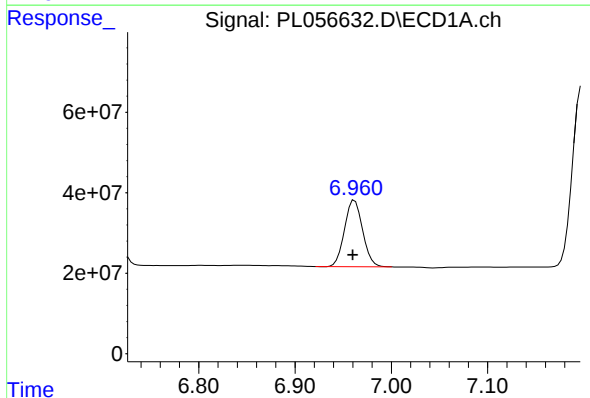
R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 529590464  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



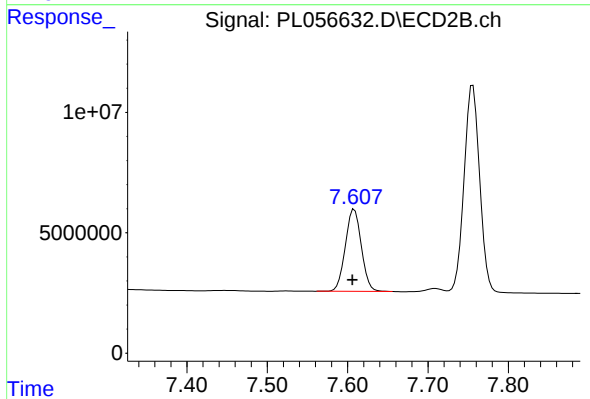
#19 Endosulfan Sulfate

R.T.: 7.285 min  
Delta R.T.: 0.002 min  
Response: 107269558  
Conc: 45.26 ng/ml



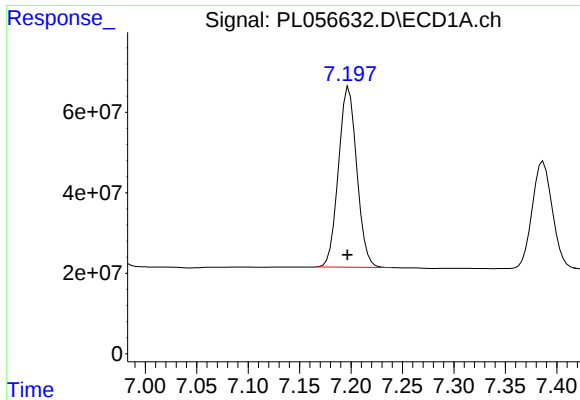
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: 0.002 min  
Response: 215526791  
Conc: 43.80 ng/ml



#20 Methoxychlor

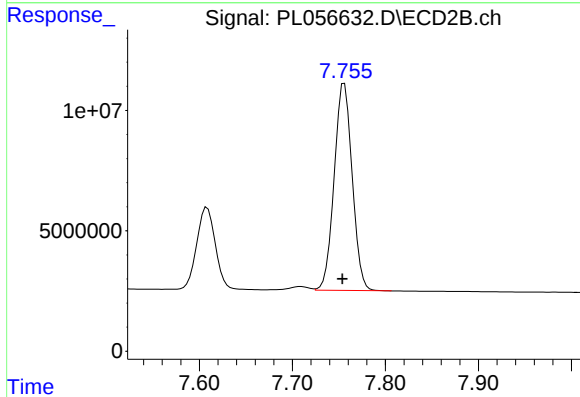
R.T.: 7.608 min  
Delta R.T.: 0.003 min  
Response: 47206635  
Conc: 41.10 ng/ml



#21 Endrin ketone

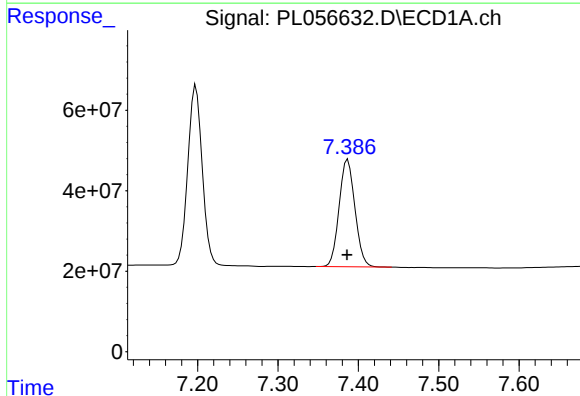
R.T.: 7.198 min  
Delta R.T.: 0.001 min  
Response: 555684866  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



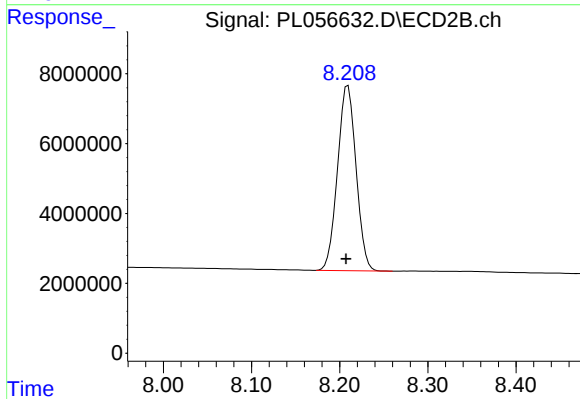
#21 Endrin ketone

R.T.: 7.756 min  
Delta R.T.: 0.002 min  
Response: 115826247  
Conc: 46.10 ng/ml



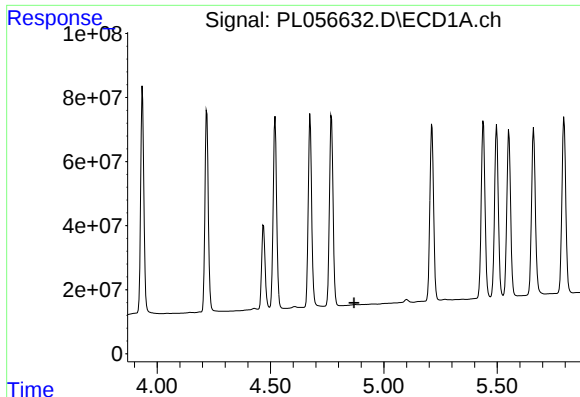
#22 Mirex

R.T.: 7.387 min  
Delta R.T.: 0.000 min  
Response: 364783075  
Conc: 49.16 ng/ml



#22 Mirex

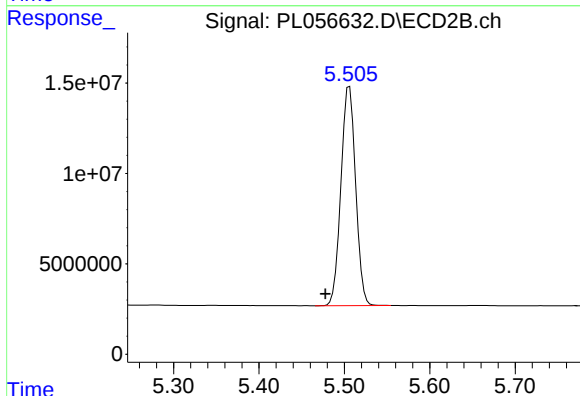
R.T.: 8.209 min  
Delta R.T.: 0.002 min  
Response: 77391795  
Conc: 47.92 ng/ml



#24 Chlordane-2

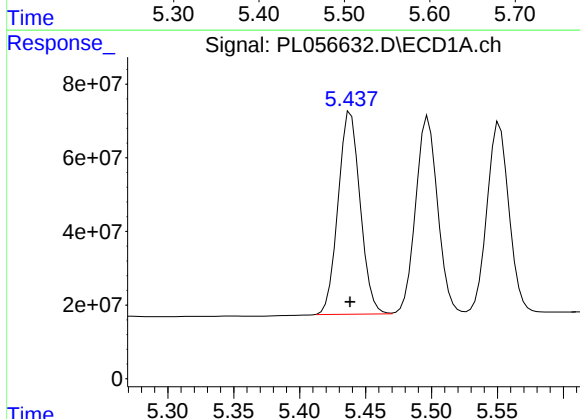
R.T.: 0.000 min  
Exp R.T.: 4.869 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



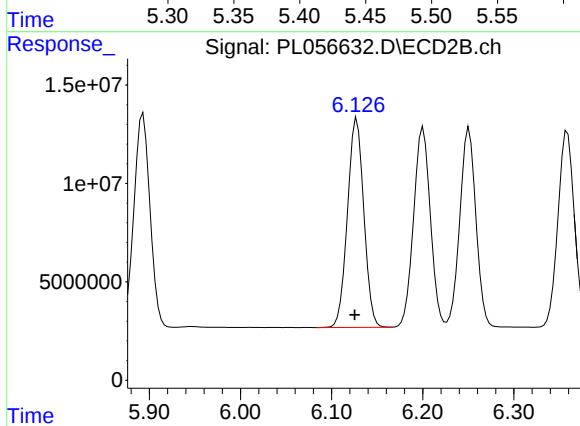
#24 Chlordane-2

R.T.: 5.506 min  
Delta R.T.: 0.028 min  
Response: 144994381  
Conc: 1404.41 ng/ml



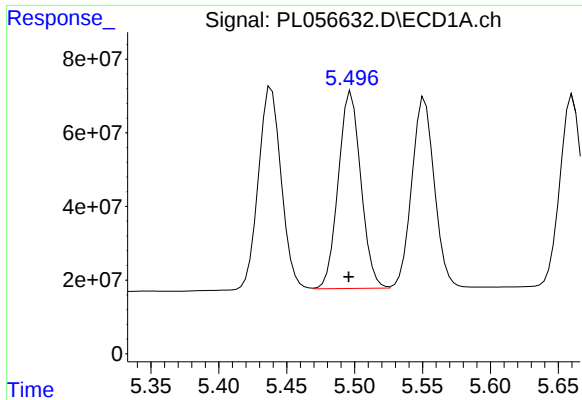
#25 Chlordane-3

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 639898282  
Conc: 487.37 ng/ml



#25 Chlordane-3

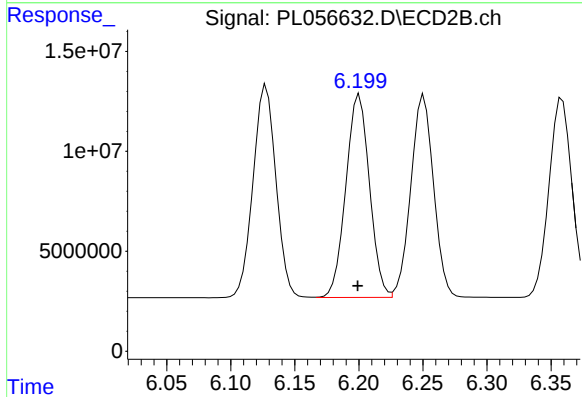
R.T.: 6.128 min  
Delta R.T.: 0.002 min  
Response: 132573260  
Conc: 342.11 ng/ml



#26 Chlordane-4

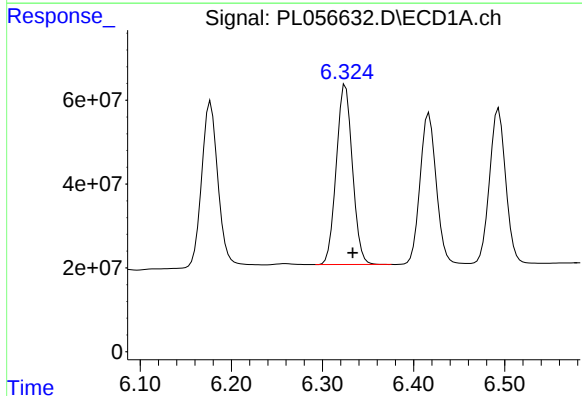
R.T.: 5.497 min  
Delta R.T.: 0.002 min  
Response: 618898949  
Conc: 569.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



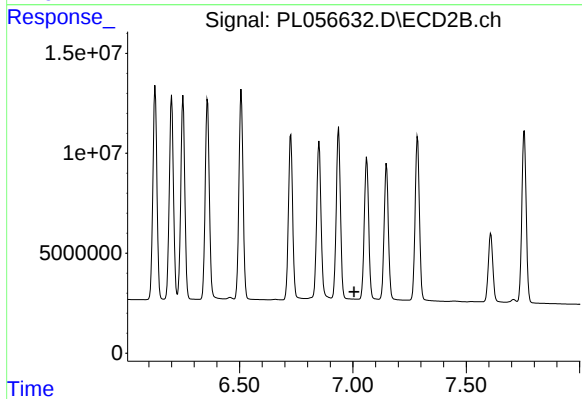
#26 Chlordane-4

R.T.: 6.200 min  
Delta R.T.: 0.001 min  
Response: 130171121  
Conc: 286.03 ng/ml



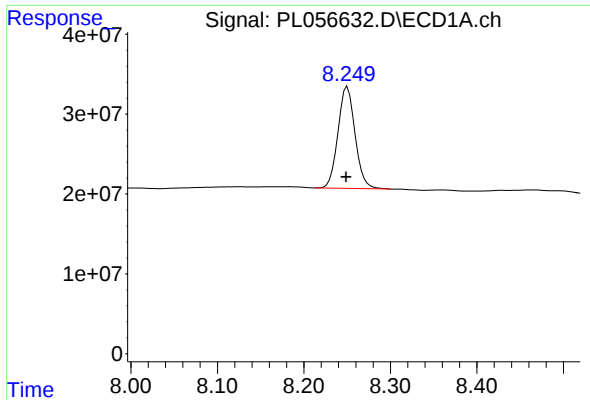
#27 Chlordane-5

R.T.: 6.325 min  
Delta R.T.: -0.008 min  
Response: 527664412  
Conc: 1236.47 ng/ml



#27 Chlordane-5

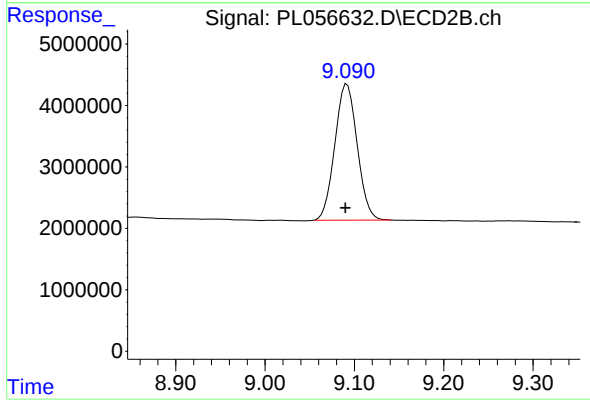
R.T.: 0.000 min  
Exp R.T.: 7.006 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.250 min  
Delta R.T.: 0.002 min  
Response: 173584984  
Conc: 18.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: 0.002 min  
Response: 38480904  
Conc: 18.87 ng/ml