

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012820\  
 Data File : PL056145.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2020 18:18  
 Operator : AJ\MA  
 Sample : L1262-01MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 03:13:28 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... | 3.499 | 4.016  | 212.6E6 | 60335123 | 20.299   | 20.634     |
| 28)                         | SA Decachlor... | 8.255 | 9.095  | 198.6E6 | 46381039 | 18.866   | 20.505     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.938 | 4.405  | 905.9E6 | 225.1E6  | 50.838   | 51.420     |
| 3)                          | MA gamma-BHC... | 4.222 | 4.690  | 837.7E6 | 209.4E6  | 51.163   | 51.066     |
| 4)                          | MA Heptachlor   | 4.524 | 5.197  | 840.7E6 | 186.9E6  | 52.363   | 52.242     |
| 5)                          | MB Aldrin       | 4.773 | 5.502  | 817.8E6 | 177.7E6  | 50.272   | 50.553     |
| 6)                          | B beta-BHC      | 4.471 | 4.861  | 334.8E6 | 85840474 | 50.824   | 52.359     |
| 7)                          | B delta-BHC     | 4.677 | 5.079  | 742.9E6 | 146.6E6  | 46.335   | 45.696     |
| 8)                          | B Heptachlo...  | 5.215 | 5.889  | 739.0E6 | 146.0E6  | 48.044   | 46.898     |
| 9)                          | A Endosulfan I  | 5.556 | 6.247  | 681.8E6 | 149.6E6  | 46.986   | 49.972     |
| 10)                         | B gamma-Chl...  | 5.443 | 6.124  | 737.9E6 | 158.5E6  | 47.052   | 49.853     |
| 11)                         | B alpha-Chl...  | 5.501 | 6.197  | 729.8E6 | 158.2E6  | 47.445   | 49.917     |
| 12)                         | B 4,4'-DDE      | 5.664 | 6.355  | 713.5E6 | 152.0E6  | 49.228   | 50.757     |
| 13)                         | MA Dieldrin     | 5.798 | 6.505  | 721.7E6 | 156.0E6  | 46.928   | 50.251     |
| 14)                         | MA Endrin       | 6.056 | 6.723  | 665.4E6 | 131.7E6  | 47.352   | 50.258     |
| 15)                         | B Endosulfa...  | 6.329 | 6.934  | 604.4E6 | 132.8E6  | 46.210   | 49.344     |
| 16)                         | A 4,4'-DDD      | 6.180 | 6.847  | 522.4E6 | 119.0E6  | 48.604   | 50.424     |
| 17)                         | MA 4,4'-DDT     | 6.421 | 7.147  | 554.8E6 | 117.4E6  | 50.765   | 51.140     |
| 18)                         | B Endrin al...  | 6.497 | 7.059  | 503.7E6 | 111.4E6  | 46.038   | 49.073     |
| 19)                         | B Endosulfa...  | 6.710 | 7.283  | 560.7E6 | 120.6E6  | 46.115   | 47.657     |
| 20)                         | A Methoxychlor  | 6.965 | 7.607  | 265.2E6 | 62494520 | 49.922   | 50.970     |
| 21)                         | B Endrin ke...  | 7.202 | 7.755  | 607.3E6 | 133.3E6  | 46.409   | 49.985     |
| 22)                         | Mirex           | 7.392 | 8.210  | 421.9E6 | 90376406 | 45.662   | 49.717     |
| 24)                         | Chlordane-2     | 0.000 | 5.502f | 0       | 177.7E6  | N.D.     | 1798.899 # |
| 25)                         | Chlordane-3     | 5.443 | 6.124  | 737.9E6 | 158.5E6  | 584.465  | 421.837 #  |
| 26)                         | Chlordane-4     | 5.501 | 6.197  | 729.8E6 | 158.2E6  | 674.508  | 360.125 #  |
| 27)                         | Chlordane-5     | 6.329 | 0.000  | 604.4E6 | 0        | 1456.860 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

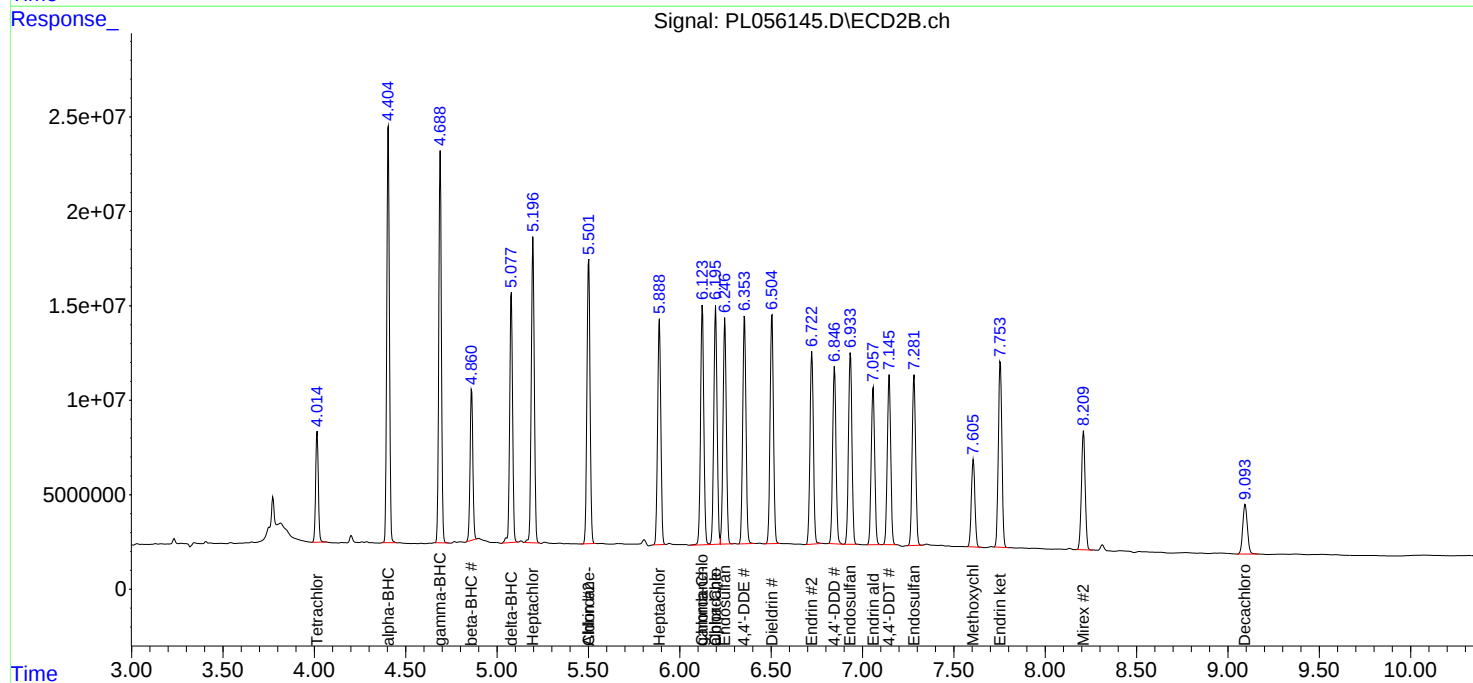
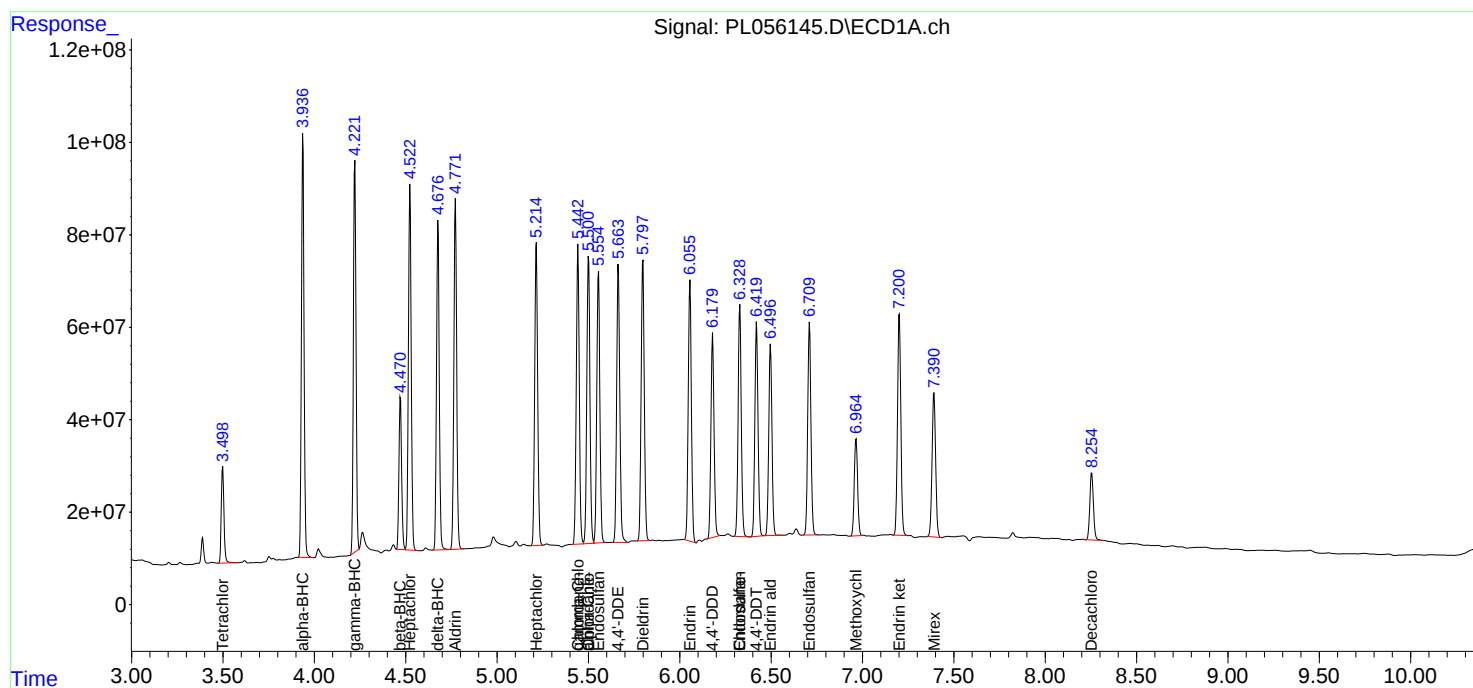
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

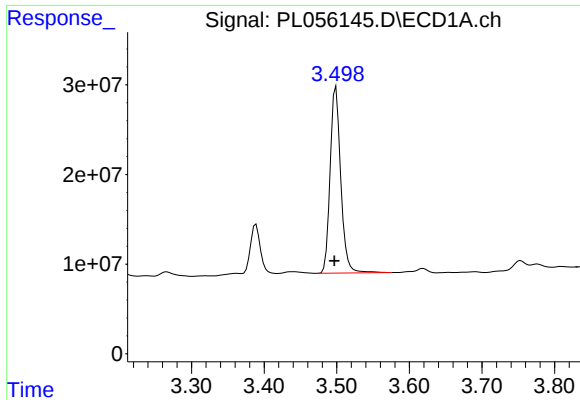
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012820\  
Data File : PL056145.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jan 2020 18:18  
Operator : AJ\MA  
Sample : L1262-01MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 29 03:13:28 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

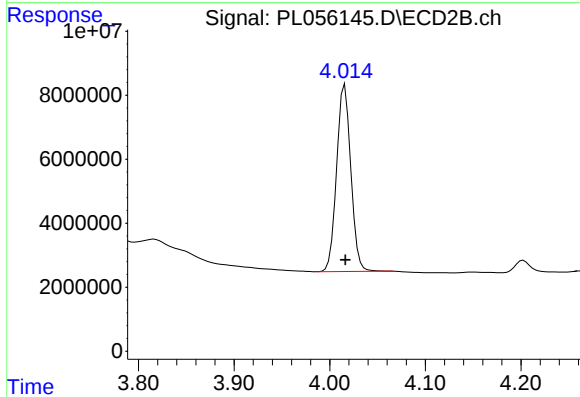




#1 Tetrachloro-m-xylene

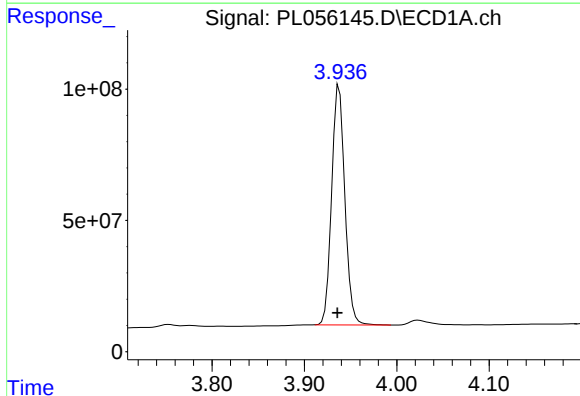
R.T.: 3.499 min  
Delta R.T.: 0.002 min  
Response: 212588735  
Conc: 20.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



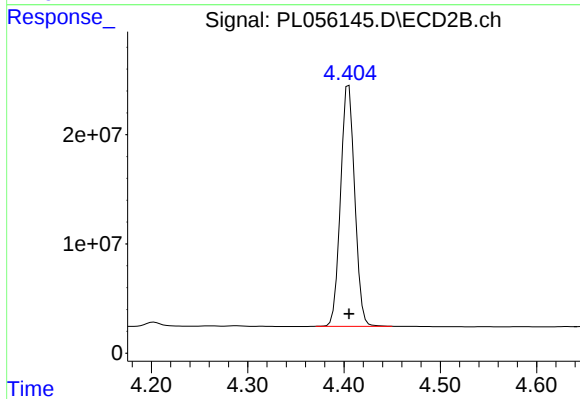
#1 Tetrachloro-m-xylene

R.T.: 4.016 min  
Delta R.T.: 0.000 min  
Response: 60335123  
Conc: 20.63 ng/ml



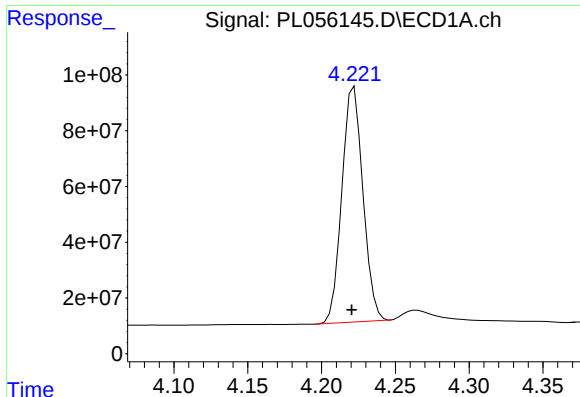
#2 alpha-BHC

R.T.: 3.938 min  
Delta R.T.: 0.002 min  
Response: 905946046  
Conc: 50.84 ng/ml



#2 alpha-BHC

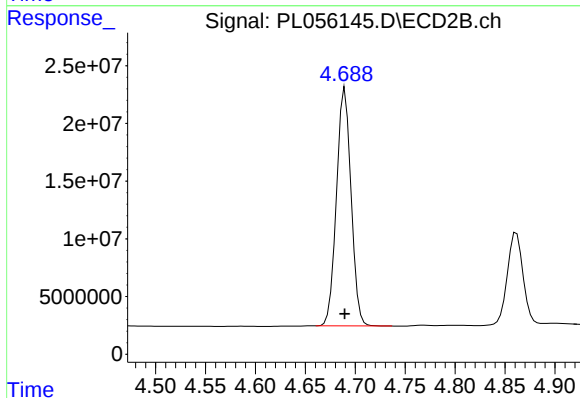
R.T.: 4.405 min  
Delta R.T.: 0.000 min  
Response: 225074895  
Conc: 51.42 ng/ml



#3 gamma-BHC (Lindane)

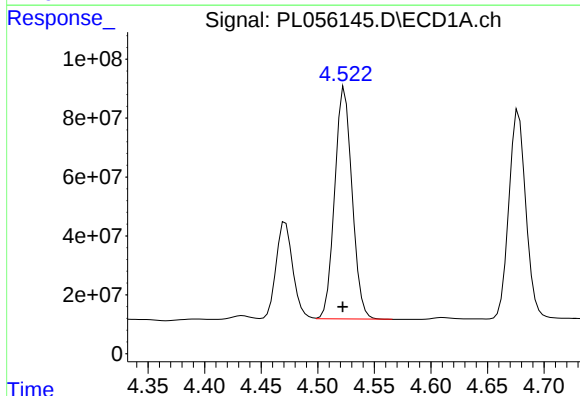
R.T.: 4.222 min  
Delta R.T.: 0.002 min  
Response: 837735832  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



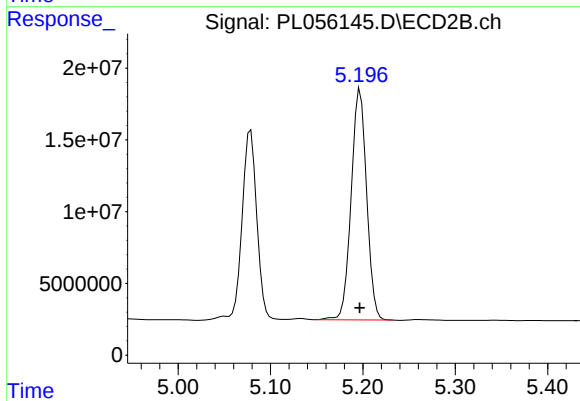
#3 gamma-BHC (Lindane)

R.T.: 4.690 min  
Delta R.T.: 0.000 min  
Response: 209409437  
Conc: 51.07 ng/ml



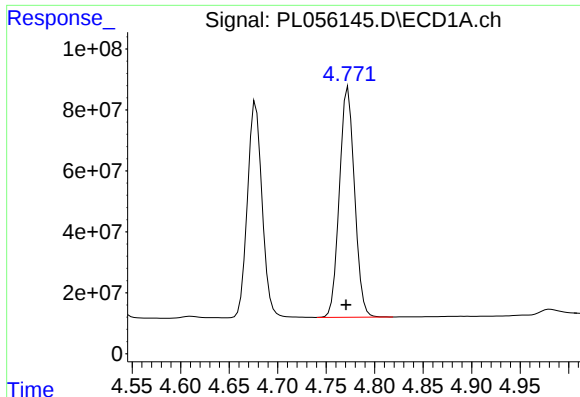
#4 Heptachlor

R.T.: 4.524 min  
Delta R.T.: 0.002 min  
Response: 840677079  
Conc: 52.36 ng/ml



#4 Heptachlor

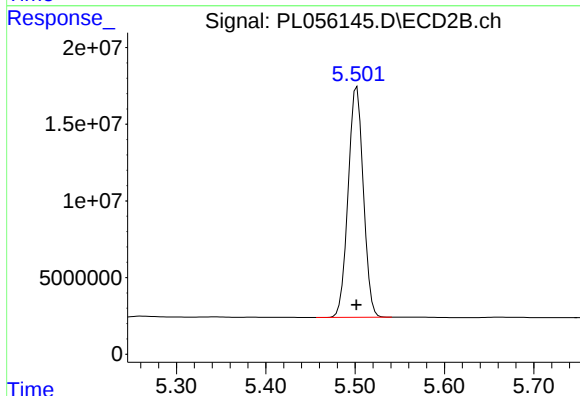
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 186908419  
Conc: 52.24 ng/ml



#5 Aldrin

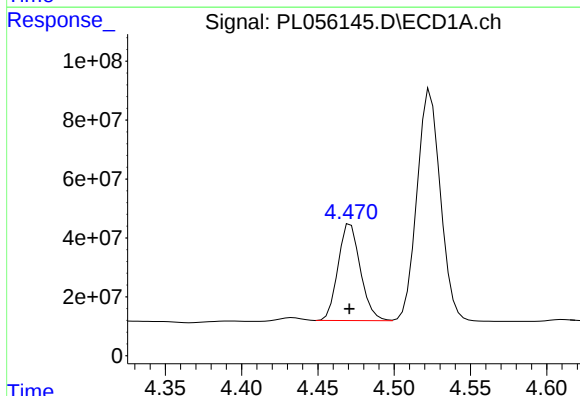
R.T.: 4.773 min  
Delta R.T.: 0.002 min  
Response: 817796797  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



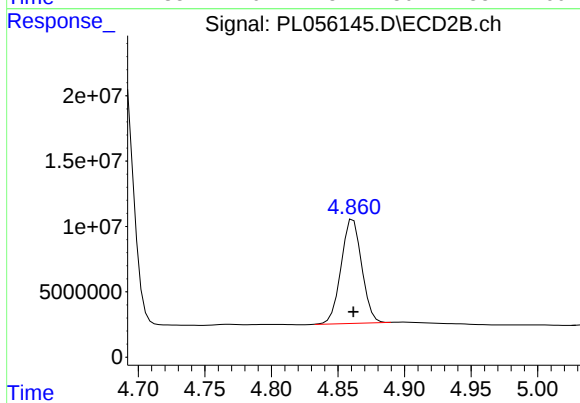
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: 0.000 min  
Response: 177673339  
Conc: 50.55 ng/ml



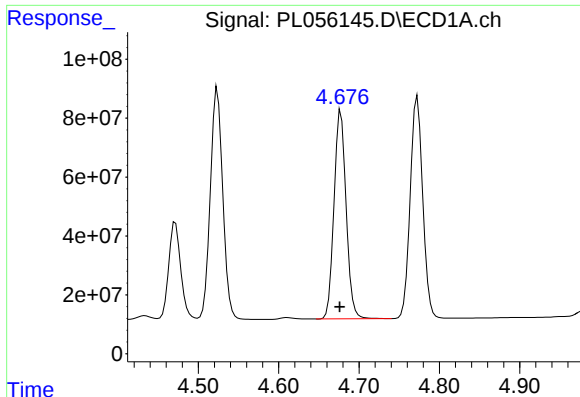
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 334768208  
Conc: 50.82 ng/ml



#6 beta-BHC

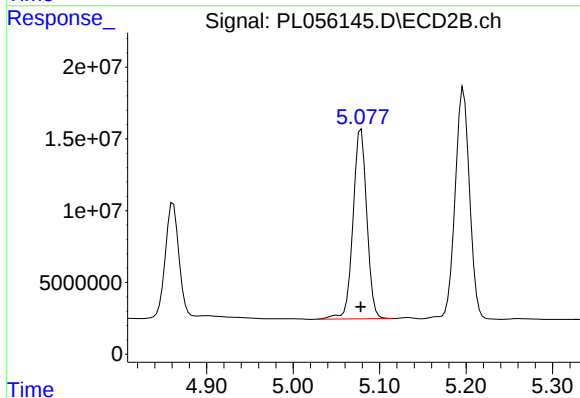
R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 85840474  
Conc: 52.36 ng/ml



#7 delta-BHC

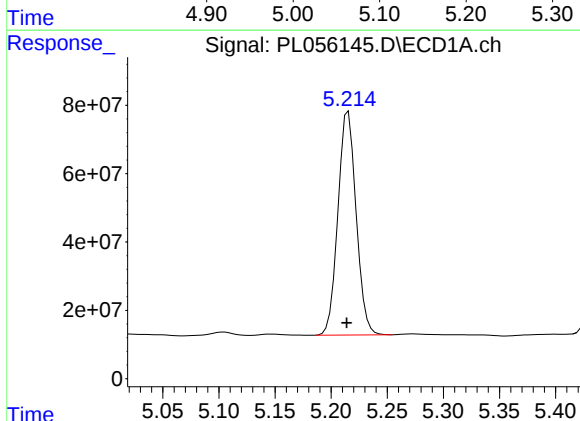
R.T.: 4.677 min  
Delta R.T.: 0.001 min  
Response: 742855907  
Conc: 46.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



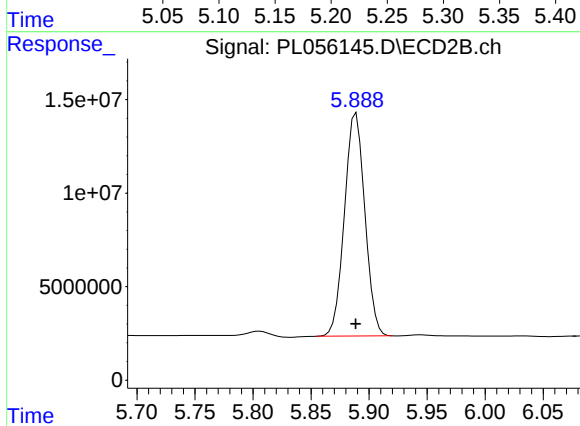
#7 delta-BHC

R.T.: 5.079 min  
Delta R.T.: 0.000 min  
Response: 146551634  
Conc: 45.70 ng/ml



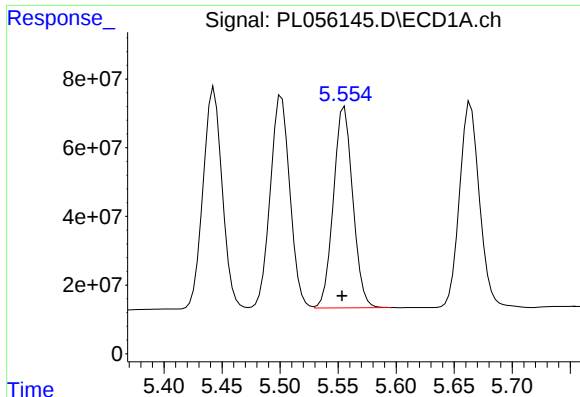
#8 Heptachlor epoxide

R.T.: 5.215 min  
Delta R.T.: 0.002 min  
Response: 738950170  
Conc: 48.04 ng/ml



#8 Heptachlor epoxide

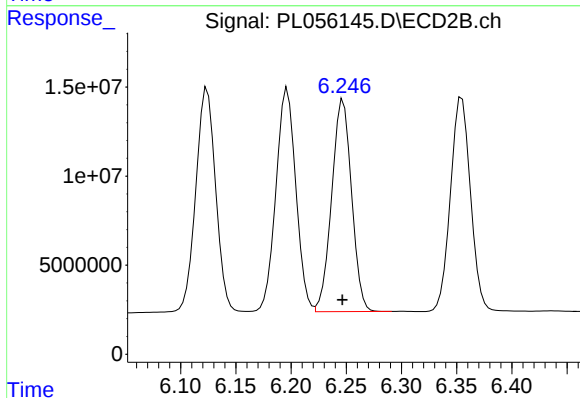
R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 145973135  
Conc: 46.90 ng/ml



#9 Endosulfan I

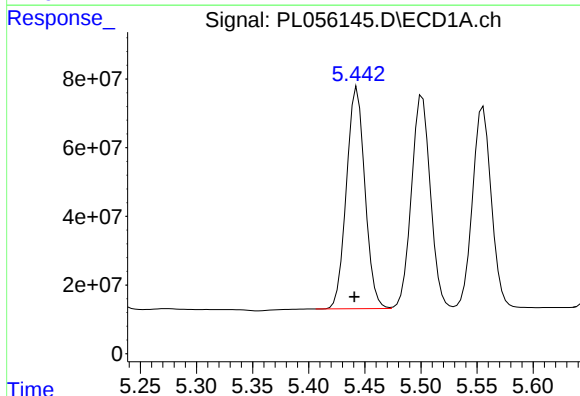
R.T.: 5.556 min  
Delta R.T.: 0.002 min  
Response: 681833721  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



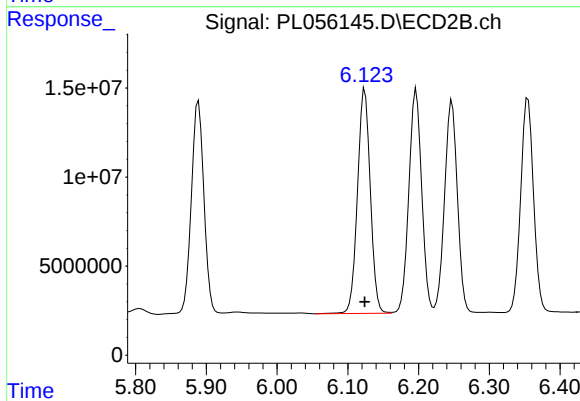
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: 0.000 min  
Response: 149553610  
Conc: 49.97 ng/ml



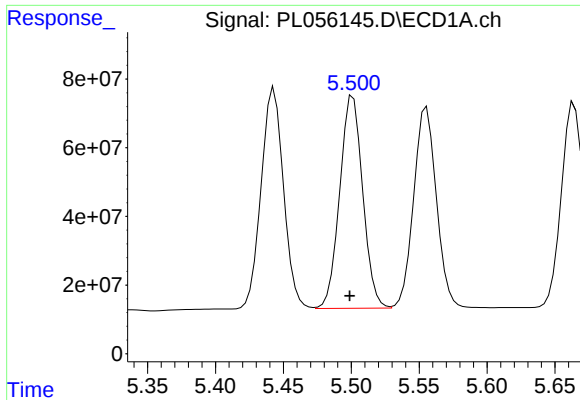
#10 gamma-Chlordane

R.T.: 5.443 min  
Delta R.T.: 0.002 min  
Response: 737911193  
Conc: 47.05 ng/ml



#10 gamma-Chlordane

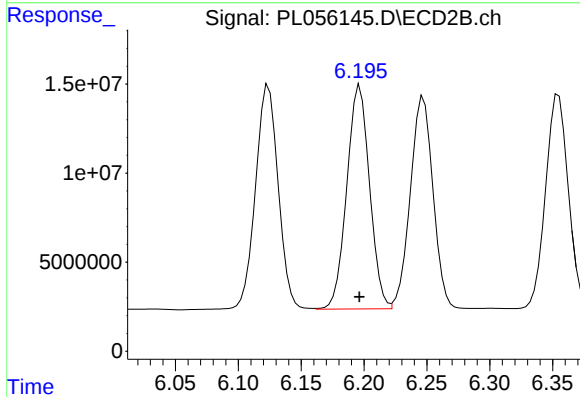
R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 158541283  
Conc: 49.85 ng/ml



#11 alpha-Chlordane

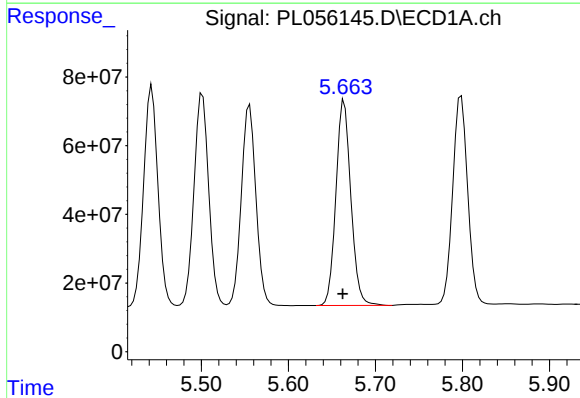
R.T.: 5.501 min  
Delta R.T.: 0.002 min  
Response: 729843418  
Conc: 47.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



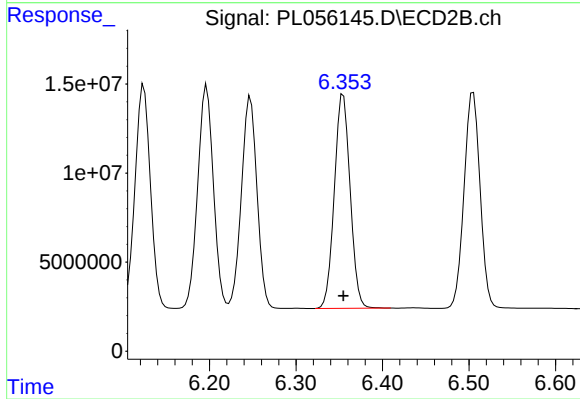
#11 alpha-Chlordane

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 158222841  
Conc: 49.92 ng/ml



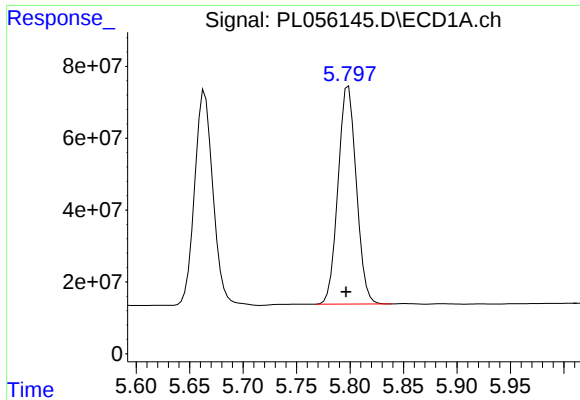
#12 4,4'-DDE

R.T.: 5.664 min  
Delta R.T.: 0.001 min  
Response: 713487620  
Conc: 49.23 ng/ml



#12 4,4'-DDE

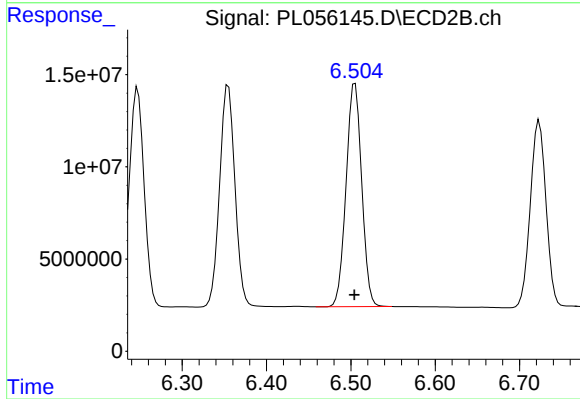
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 152035581  
Conc: 50.76 ng/ml



#13 Dieldrin

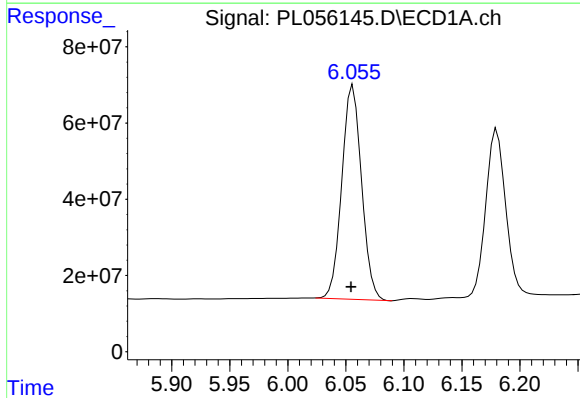
R.T.: 5.798 min  
Delta R.T.: 0.002 min  
Response: 721744054  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



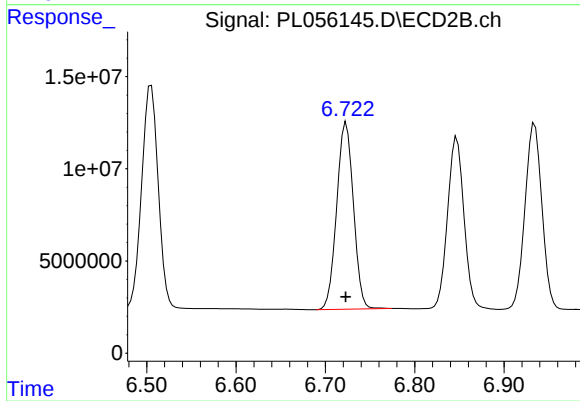
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: 0.000 min  
Response: 155979952  
Conc: 50.25 ng/ml



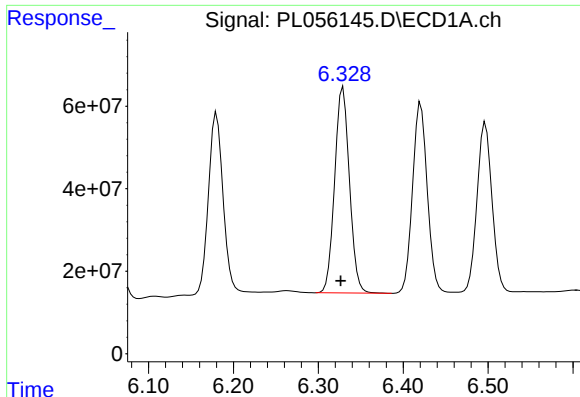
#14 Endrin

R.T.: 6.056 min  
Delta R.T.: 0.002 min  
Response: 665383604  
Conc: 47.35 ng/ml



#14 Endrin

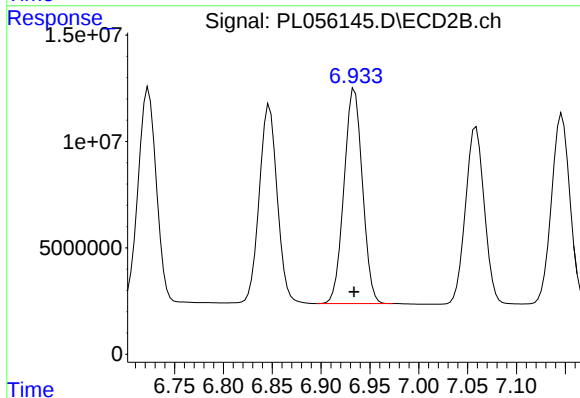
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 131710264  
Conc: 50.26 ng/ml



#15 Endosulfan II

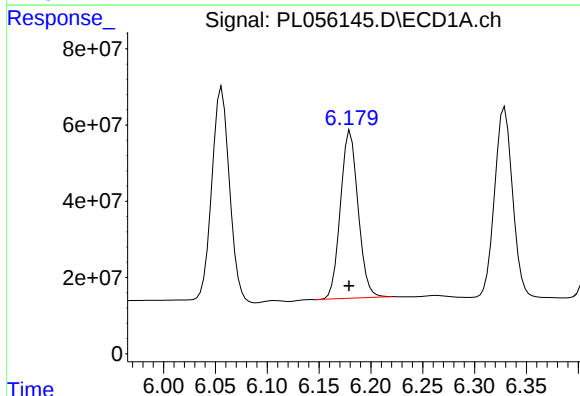
R.T.: 6.329 min  
Delta R.T.: 0.003 min  
Response: 604351928  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



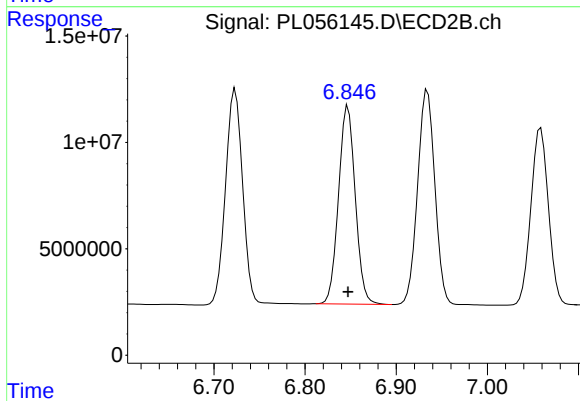
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 132837821  
Conc: 49.34 ng/ml



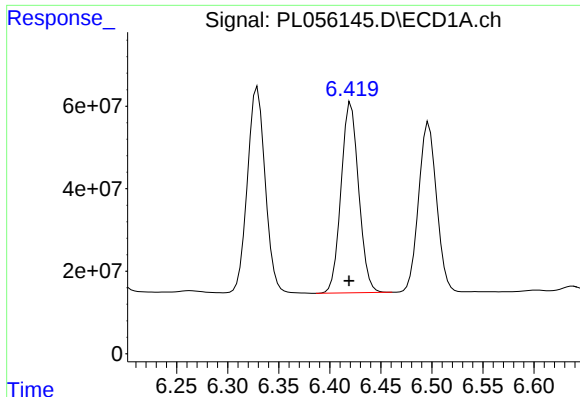
#16 4,4'-DDD

R.T.: 6.180 min  
Delta R.T.: 0.001 min  
Response: 522442597  
Conc: 48.60 ng/ml



#16 4,4'-DDD

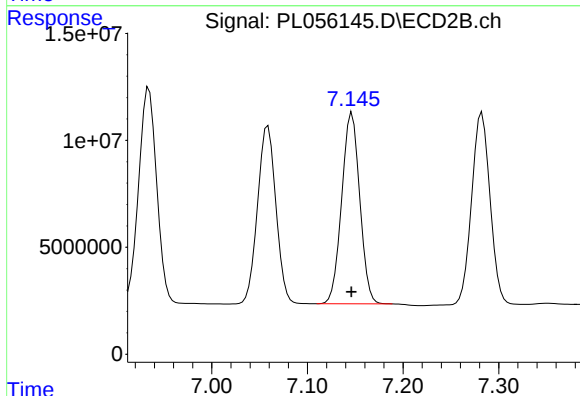
R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 118972255  
Conc: 50.42 ng/ml



#17 4,4'-DDT

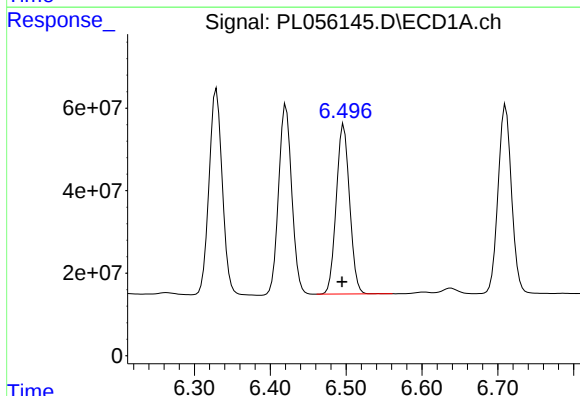
R.T.: 6.421 min  
Delta R.T.: 0.002 min  
Response: 554803577  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



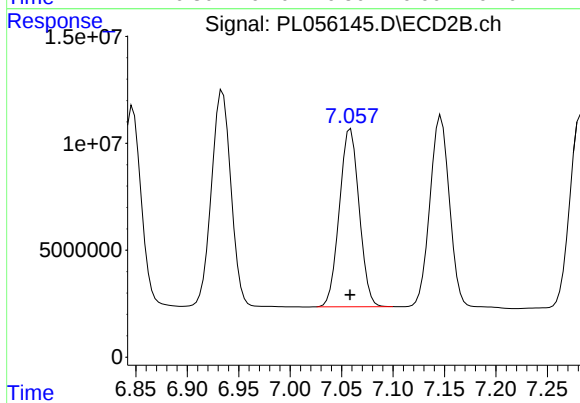
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 117404534  
Conc: 51.14 ng/ml



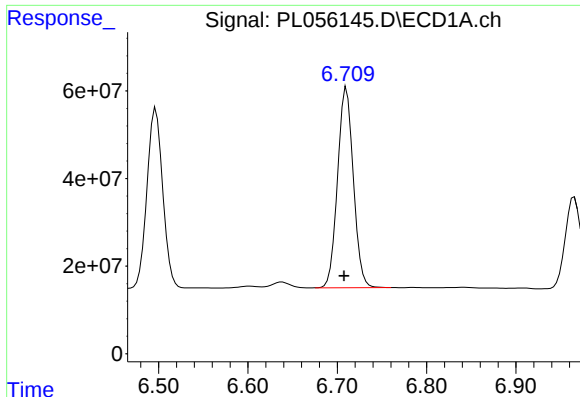
#18 Endrin aldehyde

R.T.: 6.497 min  
Delta R.T.: 0.002 min  
Response: 503685309  
Conc: 46.04 ng/ml



#18 Endrin aldehyde

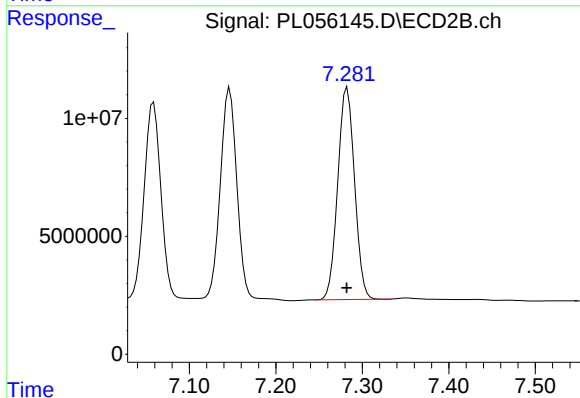
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 111408058  
Conc: 49.07 ng/ml



#19 Endosulfan Sulfate

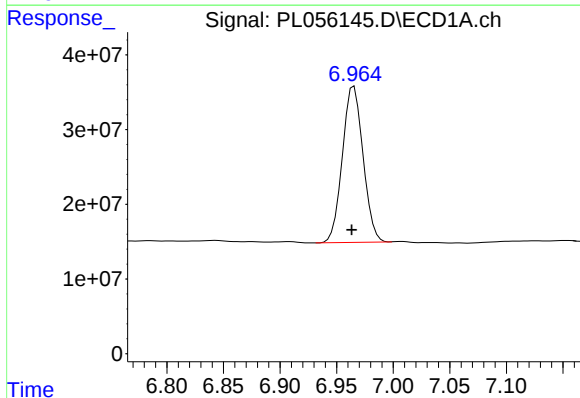
R.T.: 6.710 min  
Delta R.T.: 0.003 min  
Response: 560656744  
Conc: 46.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



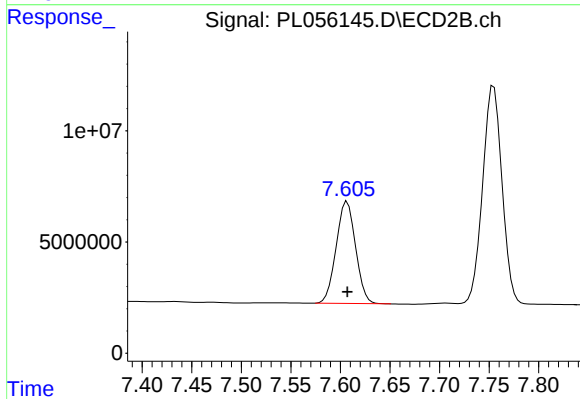
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 120608746  
Conc: 47.66 ng/ml



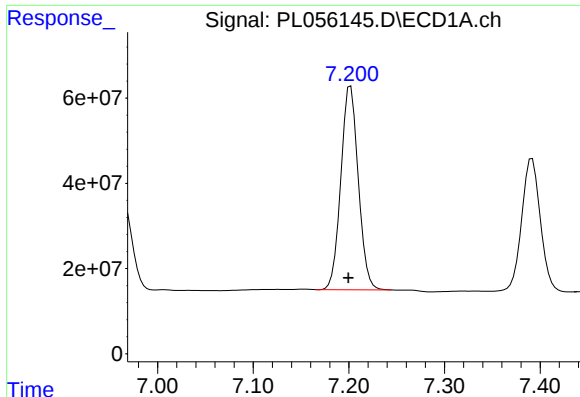
#20 Methoxychlor

R.T.: 6.965 min  
Delta R.T.: 0.002 min  
Response: 265197405  
Conc: 49.92 ng/ml



#20 Methoxychlor

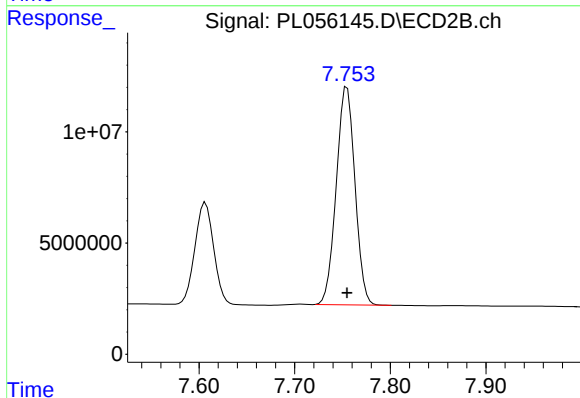
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 62494520  
Conc: 50.97 ng/ml



#21 Endrin ketone

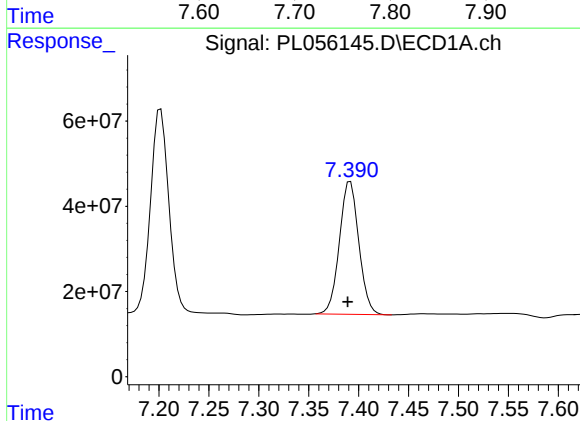
R.T.: 7.202 min  
Delta R.T.: 0.002 min  
Response: 607264823  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



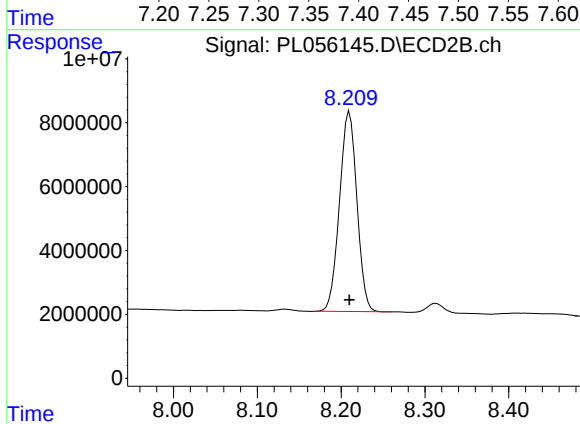
#21 Endrin ketone

R.T.: 7.755 min  
Delta R.T.: 0.000 min  
Response: 133305397  
Conc: 49.99 ng/ml



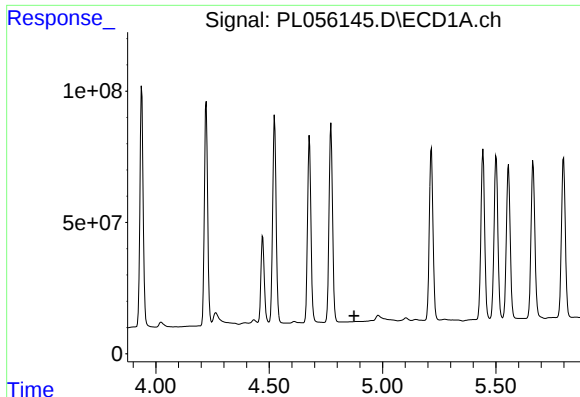
#22 Mirex

R.T.: 7.392 min  
Delta R.T.: 0.003 min  
Response: 421894289  
Conc: 45.66 ng/ml



#22 Mirex

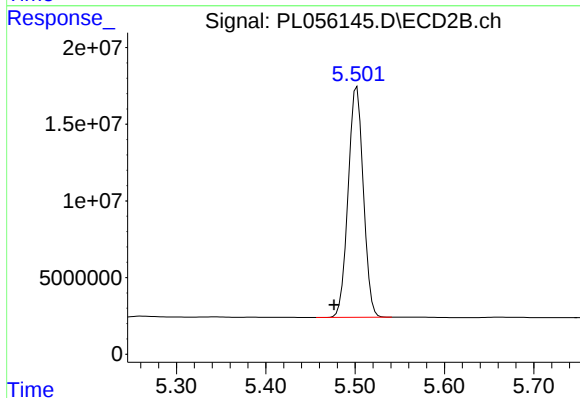
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 90376406  
Conc: 49.72 ng/ml



#24 Chlordane-2

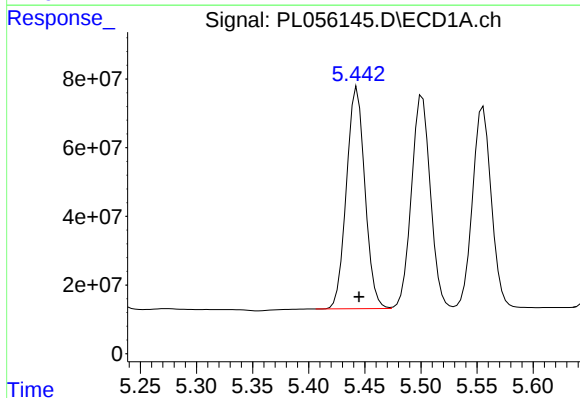
R.T.: 0.000 min  
Exp R.T.: 4.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



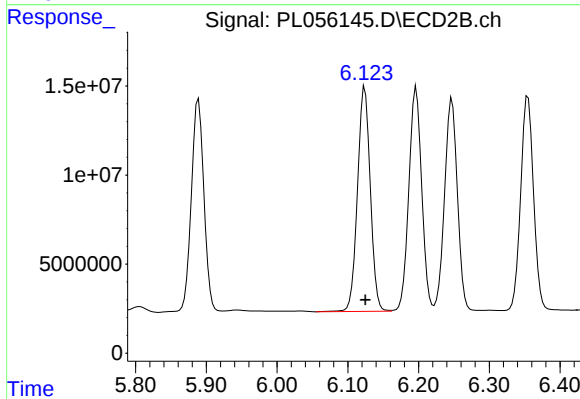
#24 Chlordane-2

R.T.: 5.502 min  
Delta R.T.: 0.025 min  
Response: 177673339  
Conc: 1798.90 ng/ml



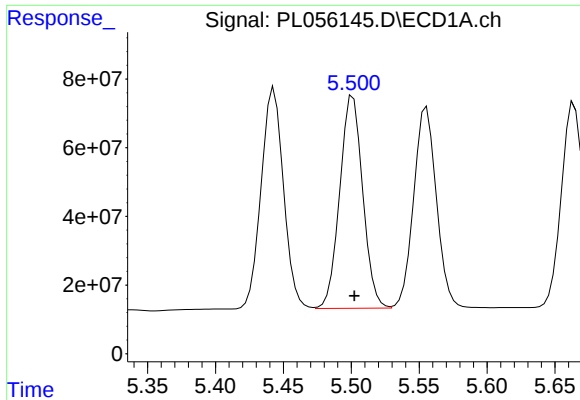
#25 Chlordane-3

R.T.: 5.443 min  
Delta R.T.: -0.002 min  
Response: 737911193  
Conc: 584.47 ng/ml



#25 Chlordane-3

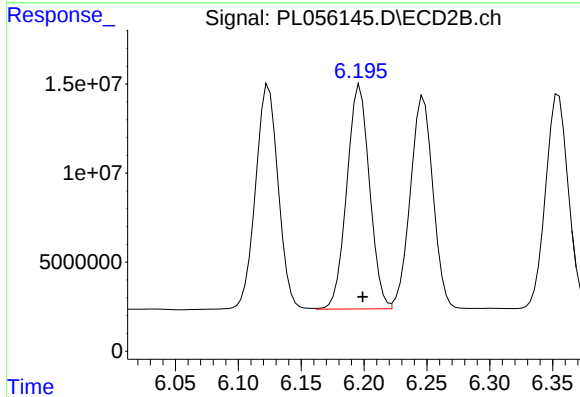
R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 158541283  
Conc: 421.84 ng/ml



#26 Chlordane-4

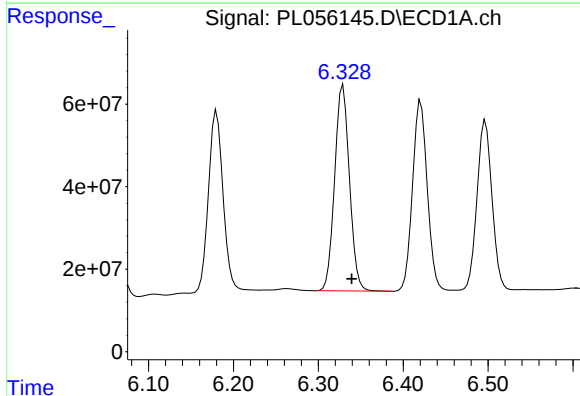
R.T.: 5.501 min  
Delta R.T.: -0.001 min  
Response: 729843418  
Conc: 674.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



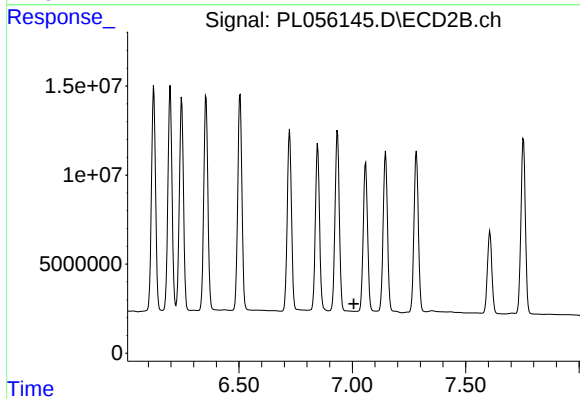
#26 Chlordane-4

R.T.: 6.197 min  
Delta R.T.: -0.002 min  
Response: 158222841  
Conc: 360.13 ng/ml



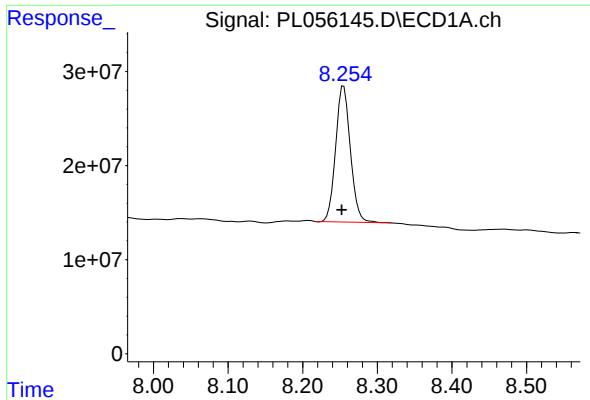
#27 Chlordane-5

R.T.: 6.329 min  
Delta R.T.: -0.010 min  
Response: 604351928  
Conc: 1456.86 ng/ml



#27 Chlordane-5

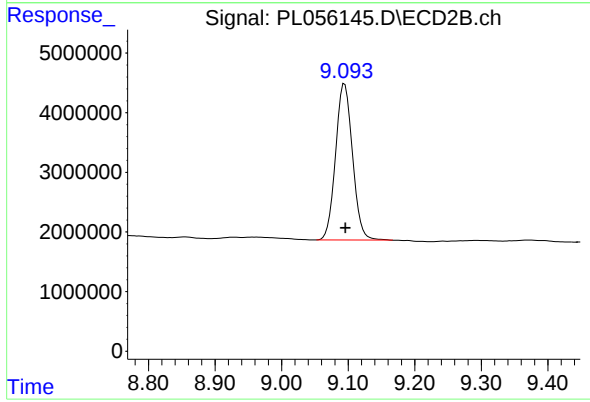
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: 0.003 min  
Response: 198618363  
Conc: 18.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: -0.001 min  
Response: 46381039  
Conc: 20.50 ng/ml