

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082019\  
 Data File : PL051683.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2019 01:24  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 01:33:57 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... | 3.314 | 3.925  | 447.7E6 | 112.7E6  | 52.309   | 51.588     |
| 28)                         | SA Decachlor... | 7.973 | 8.951  | 512.2E6 | 137.7E6  | 42.198   | 45.251     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.741 | 4.313  | 757.6E6 | 168.4E6  | 52.282   | 52.272     |
| 3)                          | MA gamma-BHC... | 4.016 | 4.597  | 712.7E6 | 163.8E6  | 54.173   | 52.021     |
| 4)                          | MA Heptachlor   | 4.299 | 5.098  | 783.1E6 | 179.0E6  | 51.731   | 51.048     |
| 5)                          | MB Aldrin       | 4.537 | 5.400  | 745.8E6 | 165.8E6  | 51.607   | 50.559     |
| 6)                          | B beta-BHC      | 4.271 | 4.774  | 298.5E6 | 77012866 | 52.273   | 52.842     |
| 7)                          | B delta-BHC     | 4.463 | 4.987  | 769.5E6 | 165.6E6  | 51.752   | 52.927     |
| 8)                          | B Heptachlo...  | 4.973 | 5.786  | 708.7E6 | 162.3E6  | 50.675   | 48.081     |
| 9)                          | A Endosulfan I  | 5.303 | 6.141  | 683.2E6 | 156.6E6  | 50.821   | 48.428     |
| 10)                         | B gamma-Chl...  | 5.195 | 6.020  | 753.4E6 | 173.1E6  | 50.455   | 47.400     |
| 11)                         | B alpha-Chl...  | 5.251 | 6.091  | 730.9E6 | 168.8E6  | 50.507   | 48.913     |
| 12)                         | B 4,4'-DDE      | 5.419 | 6.252  | 685.9E6 | 171.6E6  | 50.116   | 48.755     |
| 13)                         | MA Dieldrin     | 5.542 | 6.397  | 735.5E6 | 165.3E6  | 48.372   | 48.262     |
| 14)                         | MA Endrin       | 5.794 | 6.614  | 682.3E6 | 147.5E6  | 46.779   | 48.779     |
| 15)                         | B Endosulfa...  | 6.069 | 6.827  | 649.0E6 | 148.8E6  | 46.643   | 45.139     |
| 16)                         | A 4,4'-DDD      | 5.929 | 6.742  | 573.7E6 | 129.7E6  | 46.847   | 47.910     |
| 17)                         | MA 4,4'-DDT     | 6.163 | 7.039  | 600.4E6 | 137.6E6  | 47.085   | 46.984     |
| 18)                         | B Endrin al...  | 6.236 | 6.951  | 532.0E6 | 128.3E6  | 45.734   | 45.402     |
| 19)                         | B Endosulfa...  | 6.447 | 7.173  | 583.4E6 | 140.5E6  | 44.847   | 45.503     |
| 20)                         | A Methoxychlor  | 6.707 | 7.499  | 303.7E6 | 77108555 | 44.801   | 45.975     |
| 21)                         | B Endrin ke...  | 6.928 | 7.642  | 608.1E6 | 147.0E6  | 42.985   | 45.947     |
| 22)                         | Mirex           | 7.101 | 8.089  | 441.8E6 | 111.8E6  | 41.733   | 45.938     |
| 24)                         | Chlordane-2     | 0.000 | 5.400f | 0       | 165.8E6  | N.D.     | 1651.661 # |
| 25)                         | Chlordane-3     | 5.195 | 6.020  | 753.4E6 | 173.1E6  | 580.278  | 388.427 #  |
| 26)                         | Chlordane-4     | 5.251 | 6.091  | 730.9E6 | 168.8E6  | 599.415  | 310.796 #  |
| 27)                         | Chlordane-5     | 6.069 | 0.000  | 649.0E6 | 0        | 1322.519 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

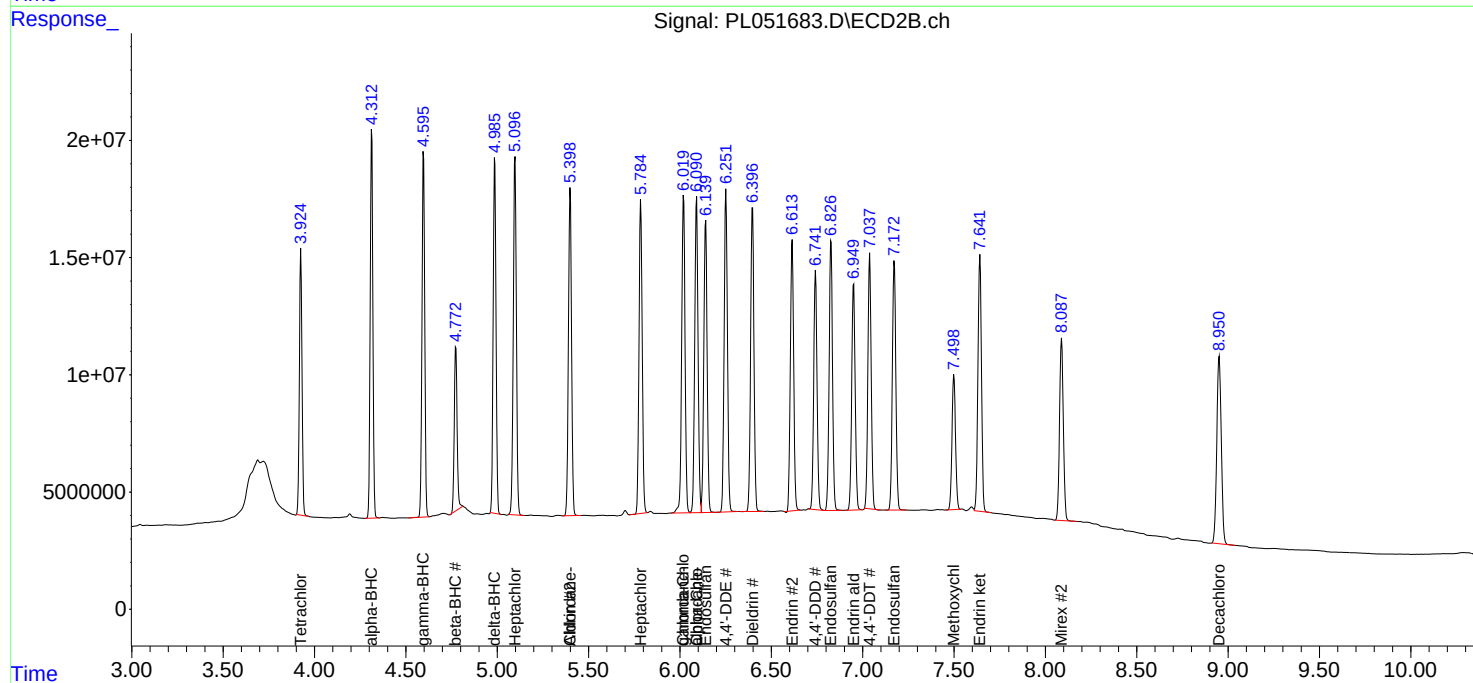
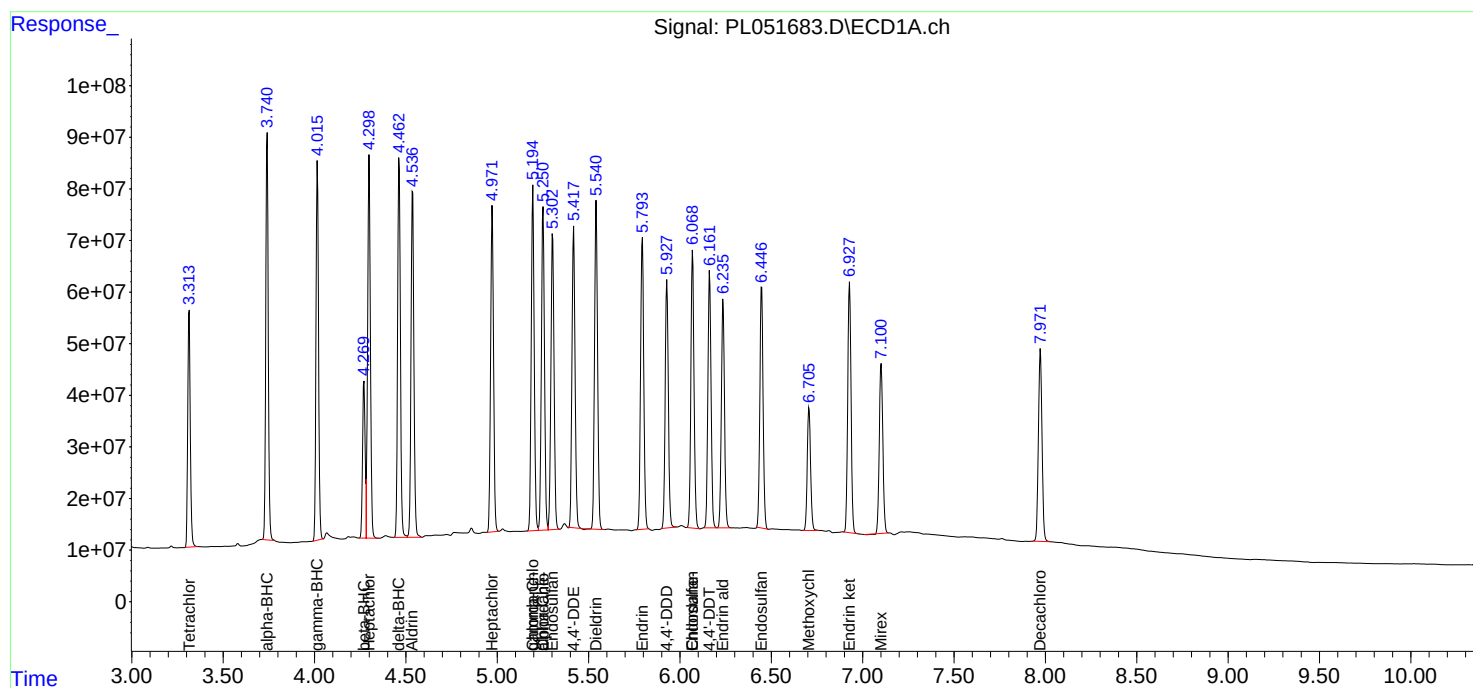
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

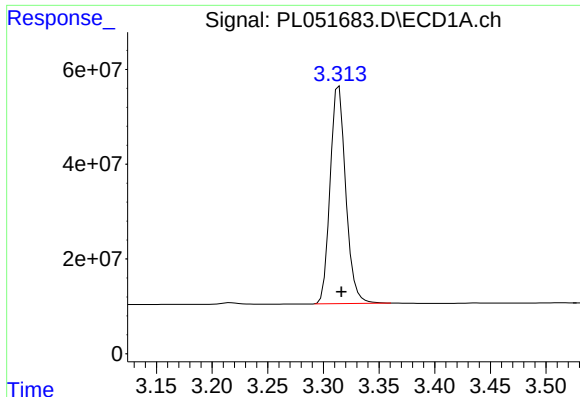
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082019\  
Data File : PL051683.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2019 01:24  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 01:33:57 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

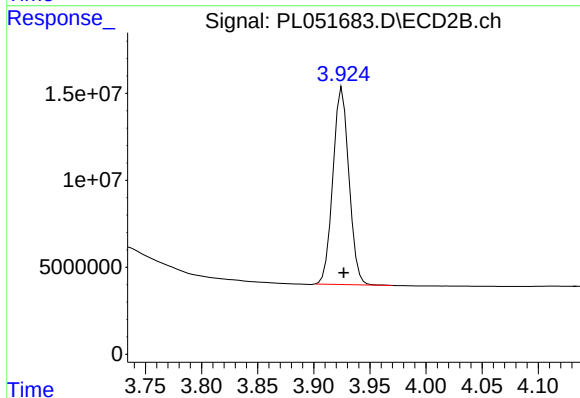




#1 Tetrachloro-m-xylene

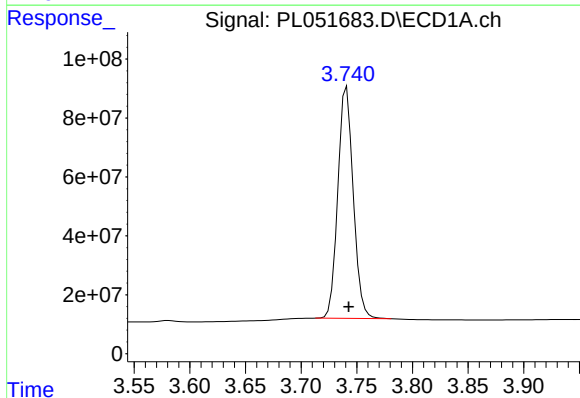
R.T.: 3.314 min  
Delta R.T.: -0.002 min  
Response: 447693402  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



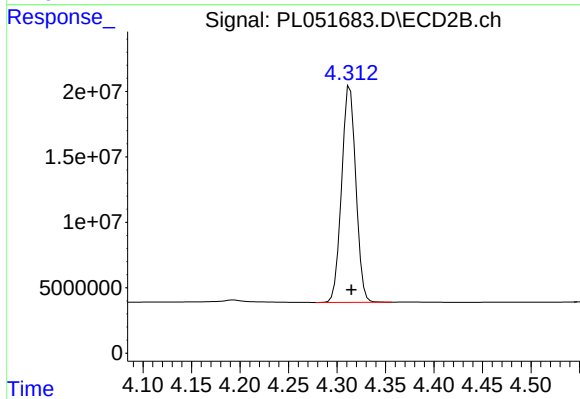
#1 Tetrachloro-m-xylene

R.T.: 3.925 min  
Delta R.T.: -0.001 min  
Response: 112709561  
Conc: 51.59 ng/ml



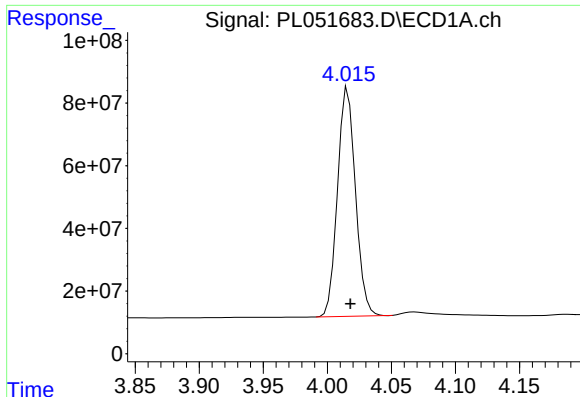
#2 alpha-BHC

R.T.: 3.741 min  
Delta R.T.: -0.002 min  
Response: 757553658  
Conc: 52.28 ng/ml



#2 alpha-BHC

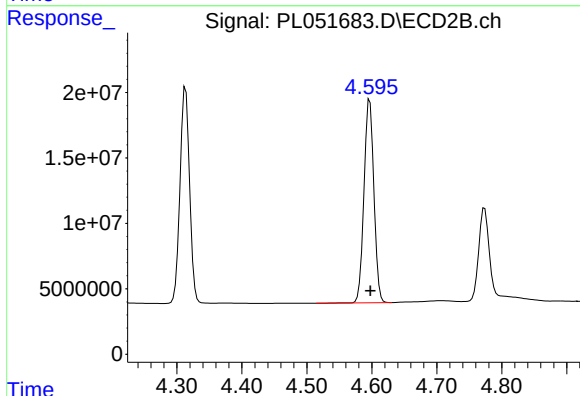
R.T.: 4.313 min  
Delta R.T.: -0.002 min  
Response: 168438885  
Conc: 52.27 ng/ml



#3 gamma-BHC (Lindane)

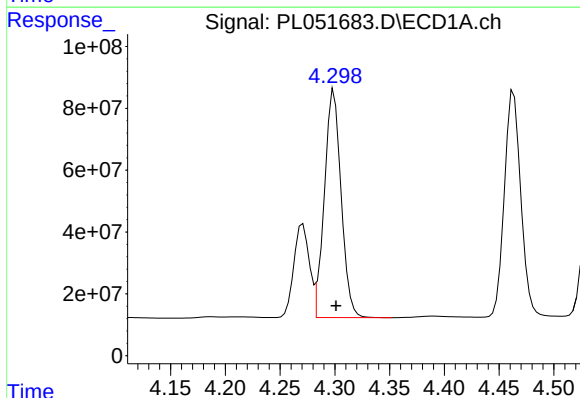
R.T.: 4.016 min  
Delta R.T.: -0.002 min  
Response: 712732477  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



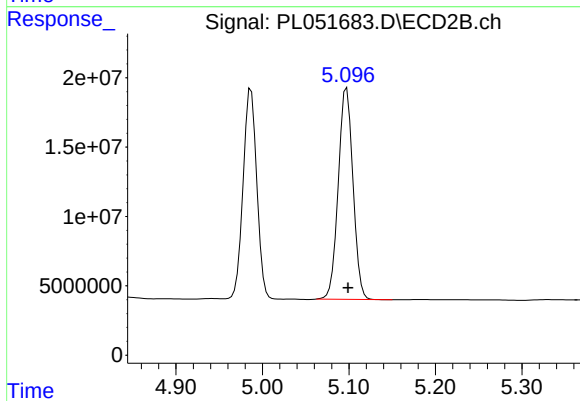
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: -0.001 min  
Response: 163778707  
Conc: 52.02 ng/ml



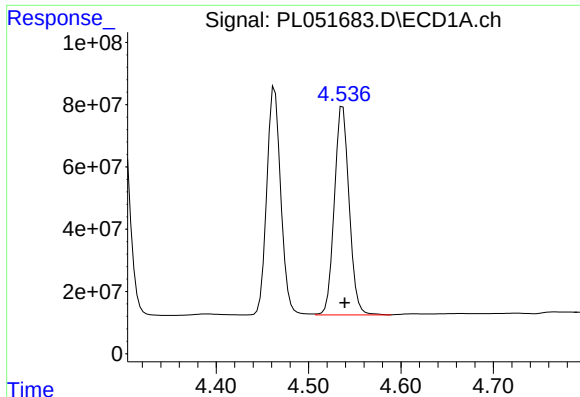
#4 Heptachlor

R.T.: 4.299 min  
Delta R.T.: -0.002 min  
Response: 783134450  
Conc: 51.73 ng/ml



#4 Heptachlor

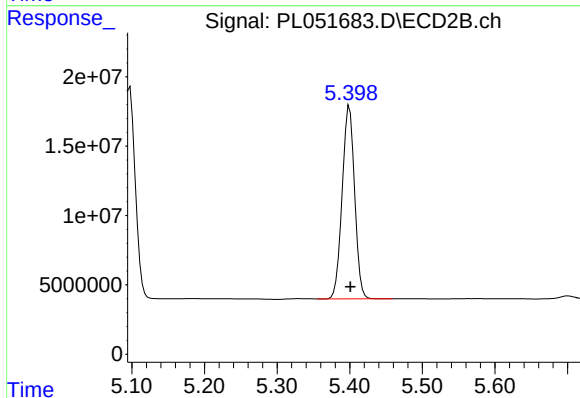
R.T.: 5.098 min  
Delta R.T.: -0.002 min  
Response: 179019271  
Conc: 51.05 ng/ml



#5 Aldrin

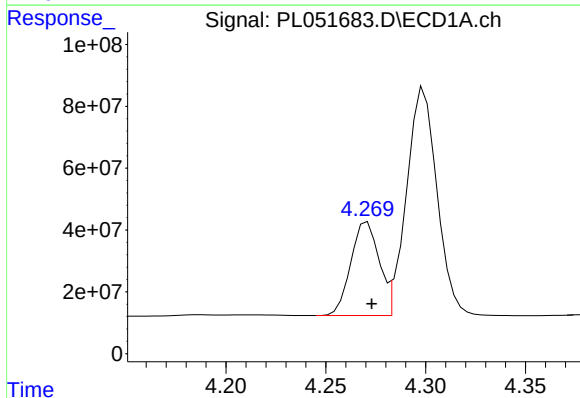
R.T.: 4.537 min  
Delta R.T.: -0.002 min  
Response: 745757888  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



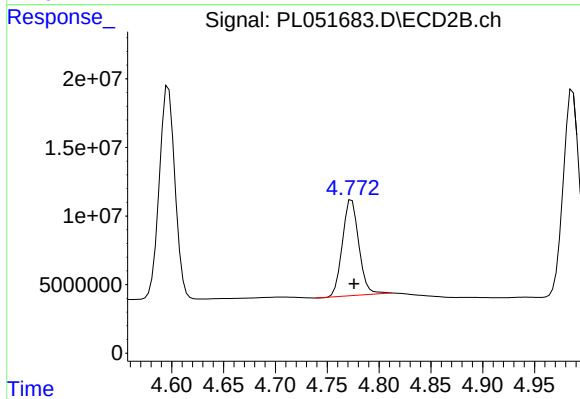
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: -0.001 min  
Response: 165778194  
Conc: 50.56 ng/ml



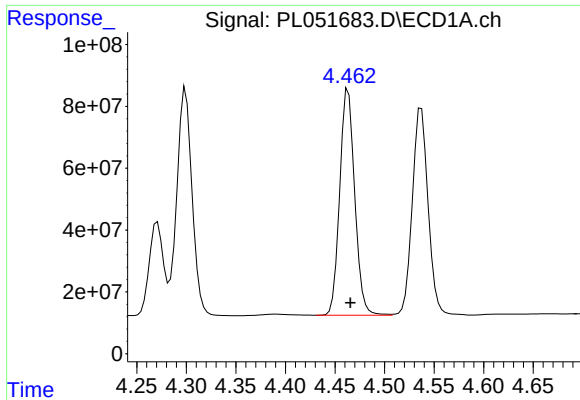
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.002 min  
Response: 298484943  
Conc: 52.27 ng/ml



#6 beta-BHC

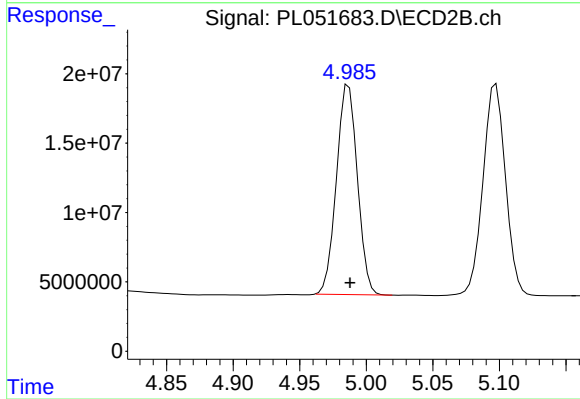
R.T.: 4.774 min  
Delta R.T.: -0.002 min  
Response: 77012866  
Conc: 52.84 ng/ml



#7 delta-BHC

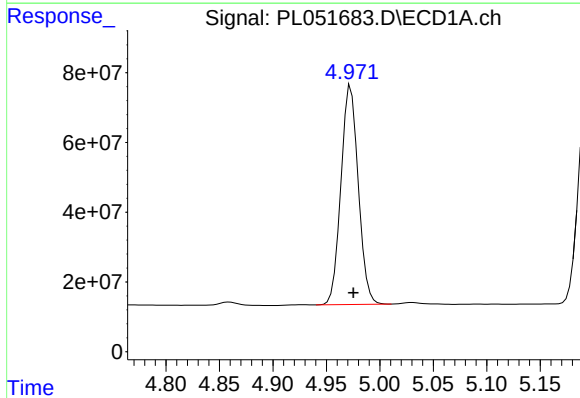
R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 769509314  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



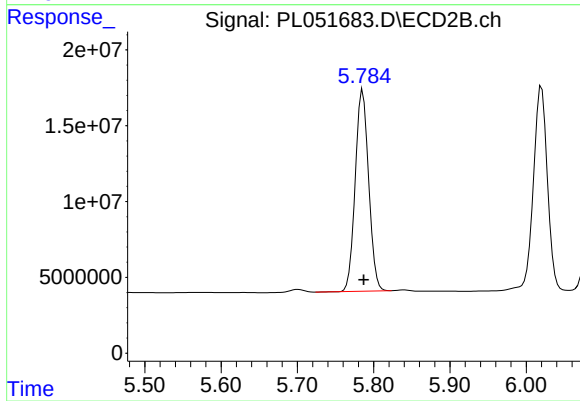
#7 delta-BHC

R.T.: 4.987 min  
Delta R.T.: -0.001 min  
Response: 165646964  
Conc: 52.93 ng/ml



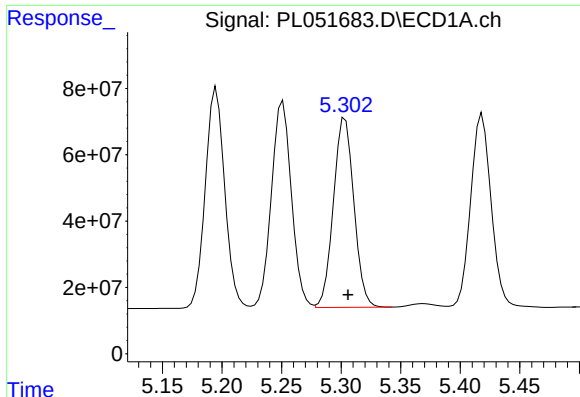
#8 Heptachlor epoxide

R.T.: 4.973 min  
Delta R.T.: -0.002 min  
Response: 708716375  
Conc: 50.68 ng/ml



#8 Heptachlor epoxide

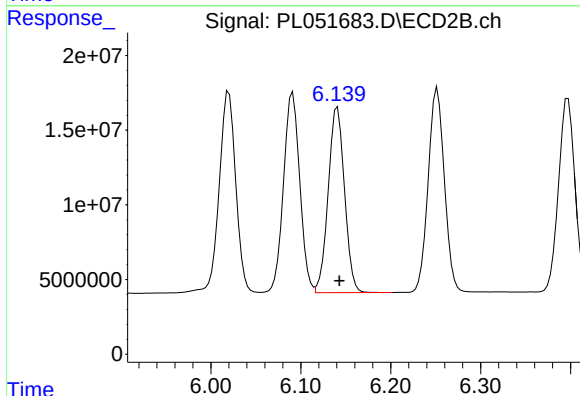
R.T.: 5.786 min  
Delta R.T.: -0.001 min  
Response: 162263442  
Conc: 48.08 ng/ml



#9 Endosulfan I

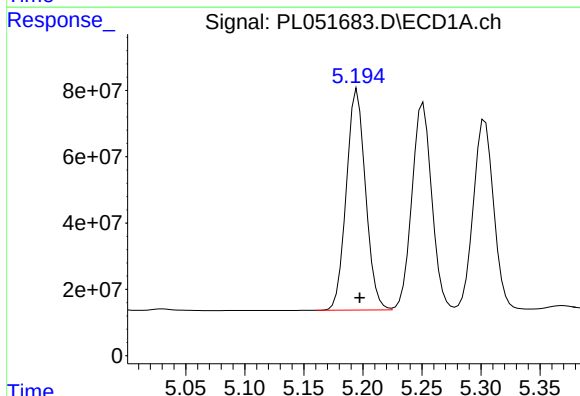
R.T.: 5.303 min  
Delta R.T.: -0.002 min  
Response: 683214967  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



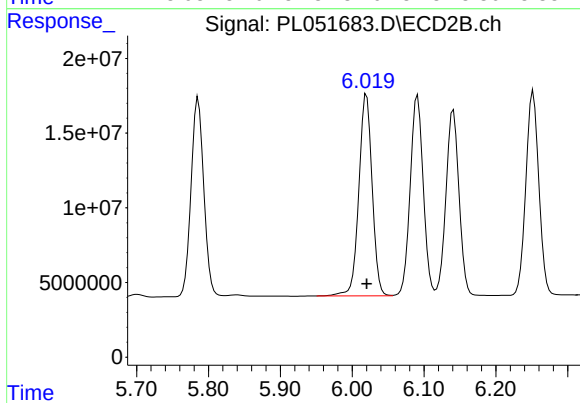
#9 Endosulfan I

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 156577489  
Conc: 48.43 ng/ml



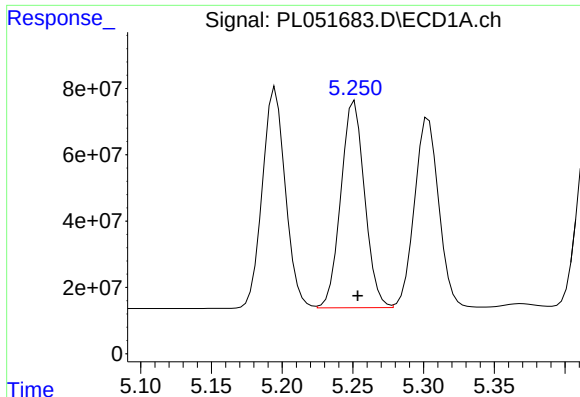
#10 gamma-Chlordane

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 753397890  
Conc: 50.46 ng/ml



#10 gamma-Chlordane

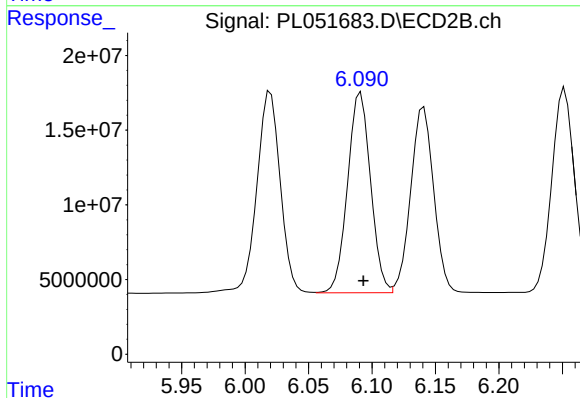
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 173059852  
Conc: 47.40 ng/ml



#11 alpha-Chlordane

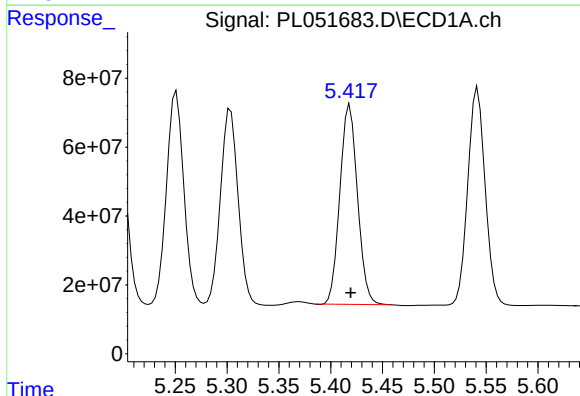
R.T.: 5.251 min  
Delta R.T.: -0.002 min  
Response: 730900494  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



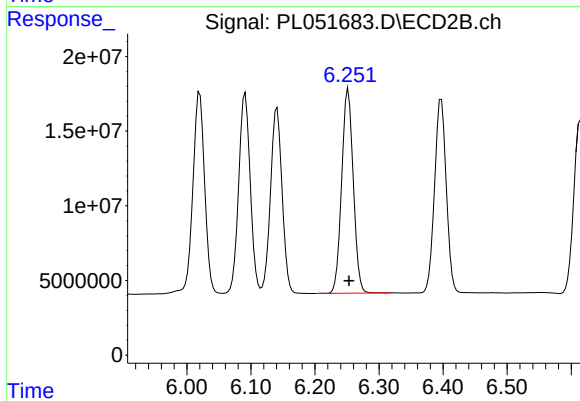
#11 alpha-Chlordane

R.T.: 6.091 min  
Delta R.T.: -0.002 min  
Response: 168796975  
Conc: 48.91 ng/ml



#12 4,4'-DDE

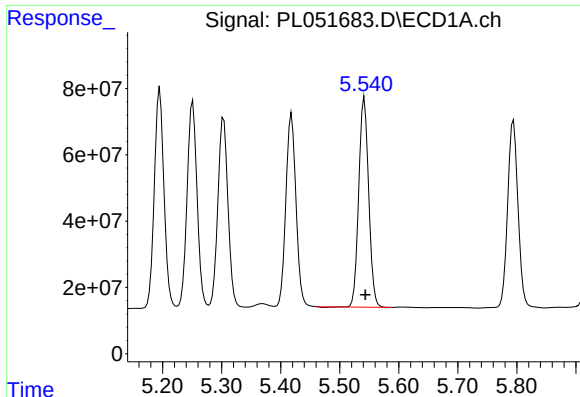
R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 685870451  
Conc: 50.12 ng/ml



#12 4,4'-DDE

R.T.: 6.252 min  
Delta R.T.: -0.002 min  
Response: 171620365  
Conc: 48.75 ng/ml

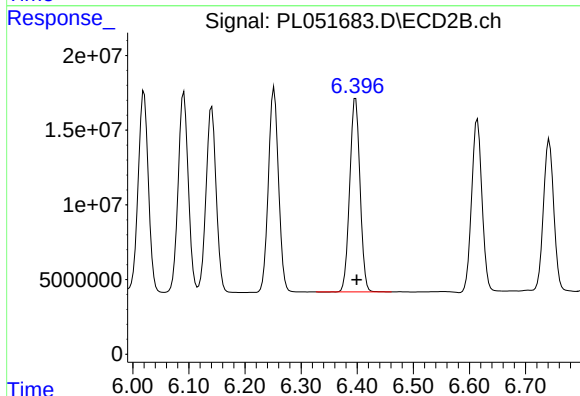




#13 Dieldrin

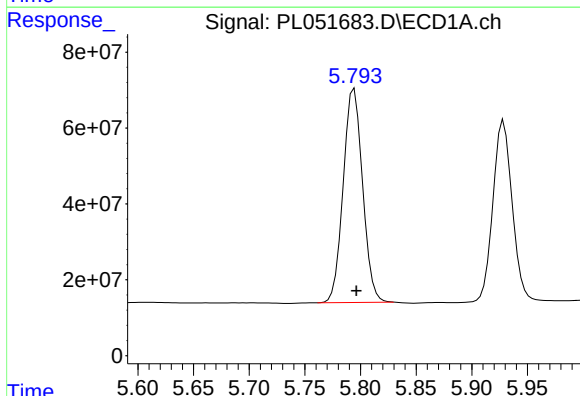
R.T.: 5.542 min  
Delta R.T.: -0.002 min  
Response: 735488936  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



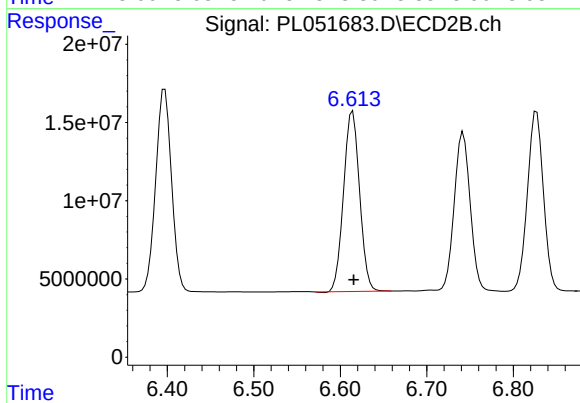
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: -0.002 min  
Response: 165278983  
Conc: 48.26 ng/ml



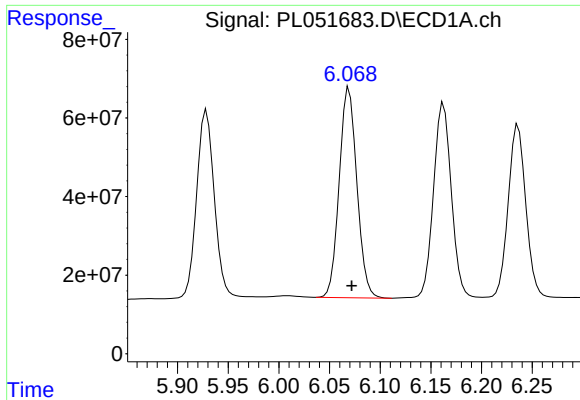
#14 Endrin

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 682316260  
Conc: 46.78 ng/ml



#14 Endrin

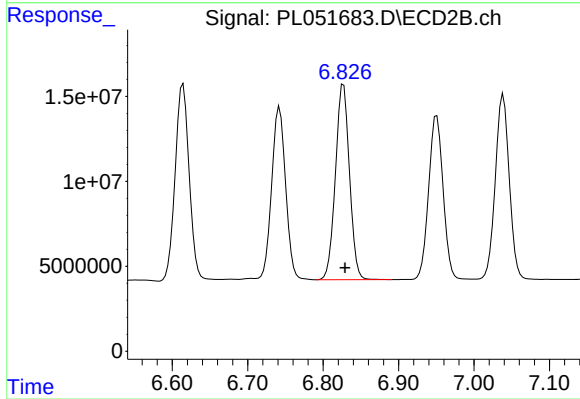
R.T.: 6.614 min  
Delta R.T.: -0.001 min  
Response: 147537715  
Conc: 48.78 ng/ml



#15 Endosulfan II

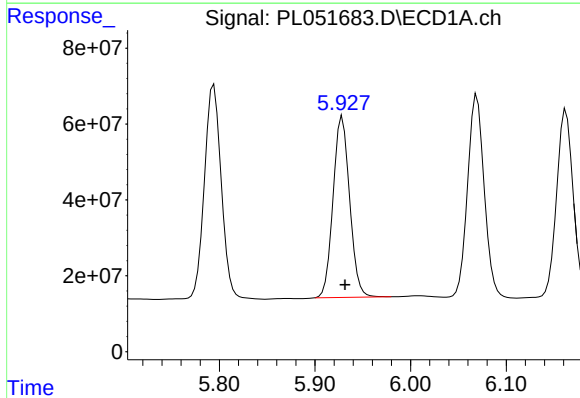
R.T.: 6.069 min  
Delta R.T.: -0.002 min  
Response: 648983257  
Conc: 46.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



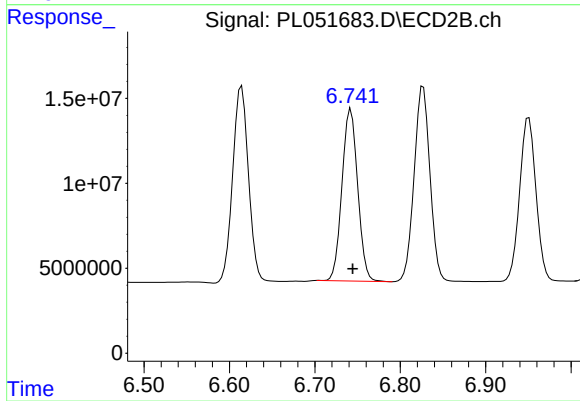
#15 Endosulfan II

R.T.: 6.827 min  
Delta R.T.: -0.002 min  
Response: 148780691  
Conc: 45.14 ng/ml



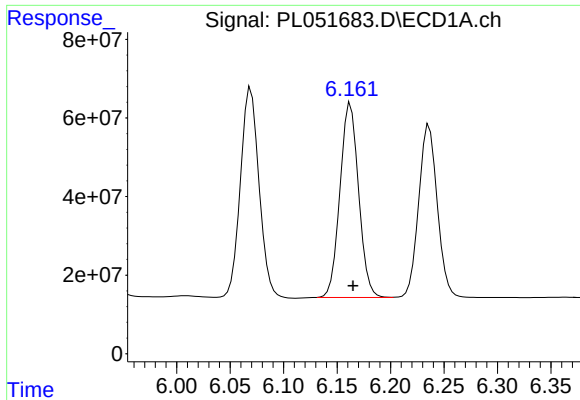
#16 4,4'-DDD

R.T.: 5.929 min  
Delta R.T.: -0.003 min  
Response: 573664605  
Conc: 46.85 ng/ml



#16 4,4'-DDD

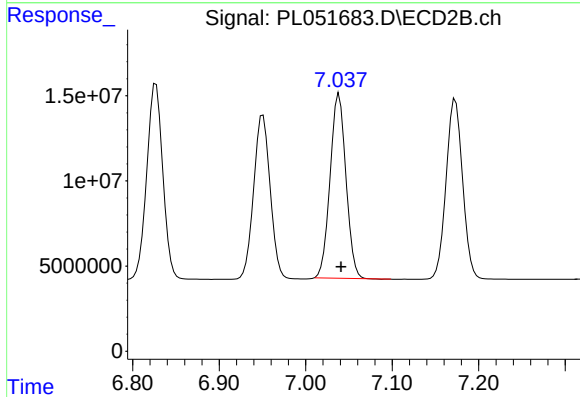
R.T.: 6.742 min  
Delta R.T.: -0.002 min  
Response: 129707941  
Conc: 47.91 ng/ml



#17 4,4'-DDT

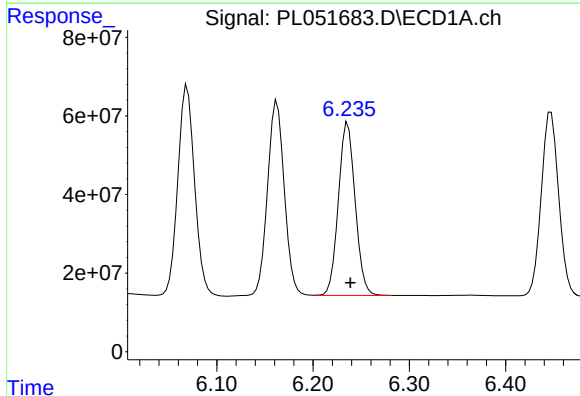
R.T.: 6.163 min  
Delta R.T.: -0.002 min  
Response: 600395002  
Conc: 47.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



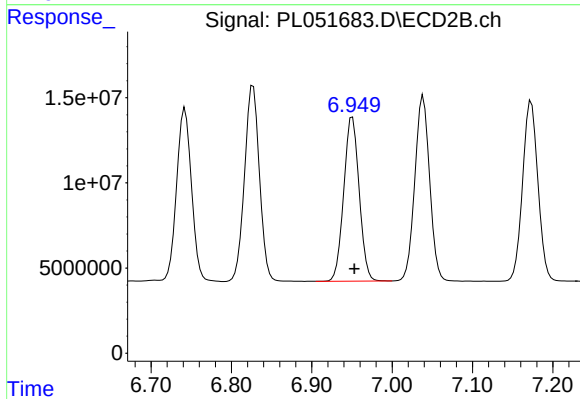
#17 4,4'-DDT

R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 137554866  
Conc: 46.98 ng/ml



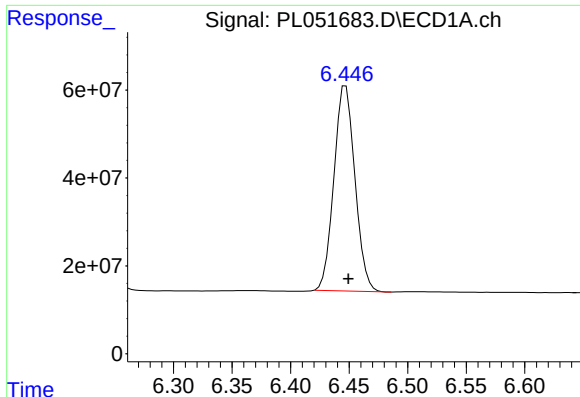
#18 Endrin aldehyde

R.T.: 6.236 min  
Delta R.T.: -0.003 min  
Response: 532036913  
Conc: 45.73 ng/ml



#18 Endrin aldehyde

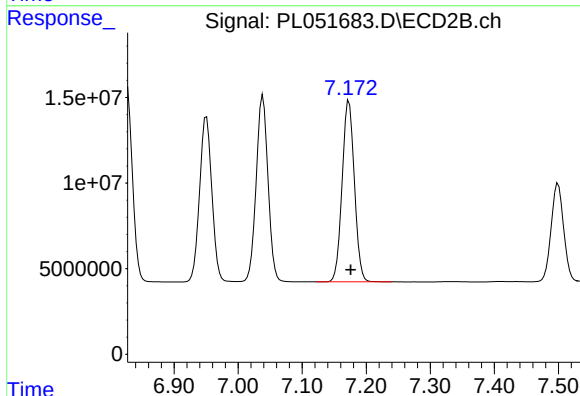
R.T.: 6.951 min  
Delta R.T.: -0.002 min  
Response: 128316422  
Conc: 45.40 ng/ml



#19 Endosulfan Sulfate

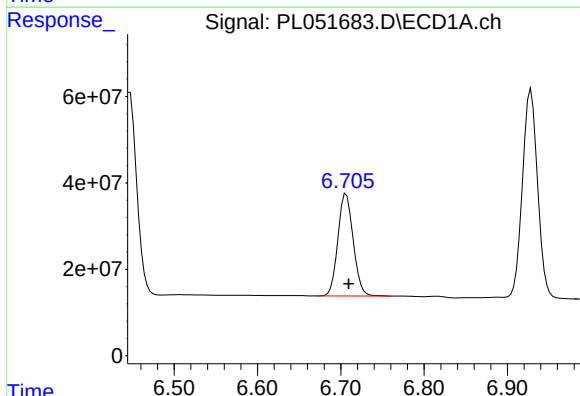
R.T.: 6.447 min  
Delta R.T.: -0.002 min  
Response: 583414907  
Conc: 44.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



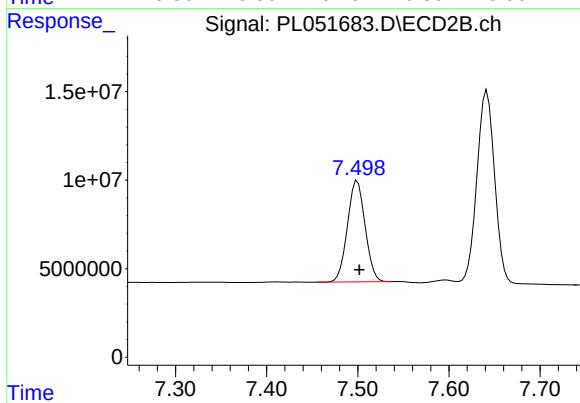
#19 Endosulfan Sulfate

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 140515448  
Conc: 45.50 ng/ml



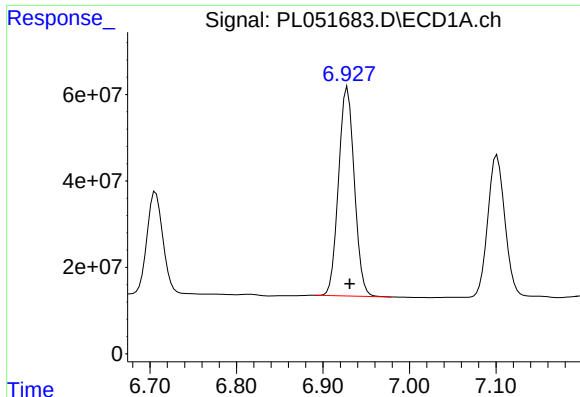
#20 Methoxychlor

R.T.: 6.707 min  
Delta R.T.: -0.003 min  
Response: 303739252  
Conc: 44.80 ng/ml



#20 Methoxychlor

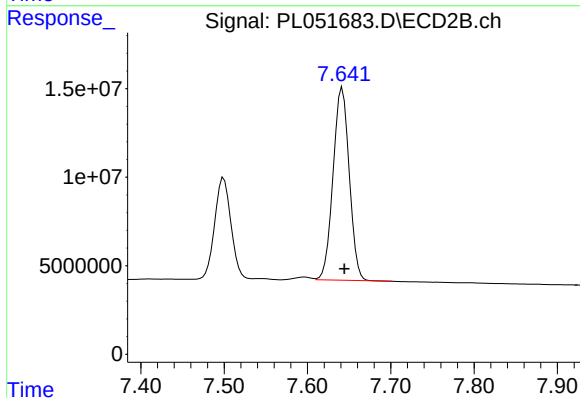
R.T.: 7.499 min  
Delta R.T.: -0.002 min  
Response: 77108555  
Conc: 45.97 ng/ml



#21 Endrin ketone

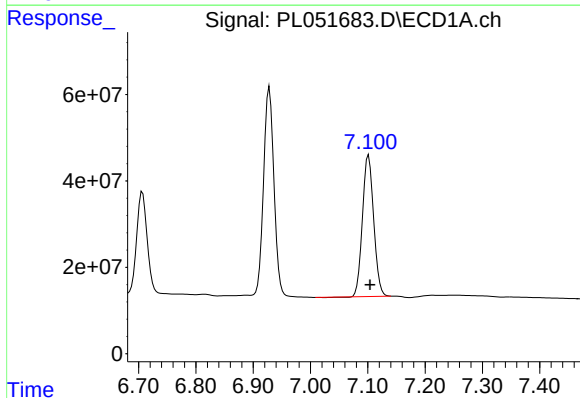
R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: 608111791  
Conc: 42.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



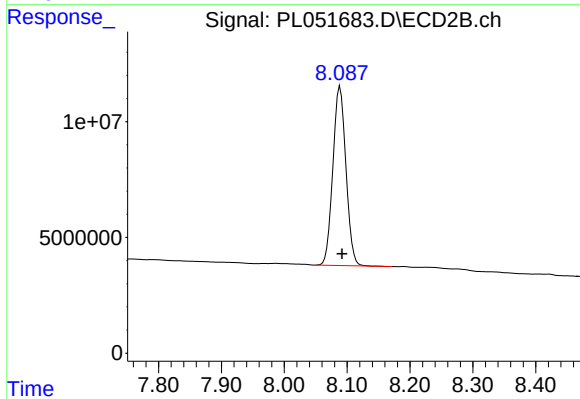
#21 Endrin ketone

R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 147006353  
Conc: 45.95 ng/ml



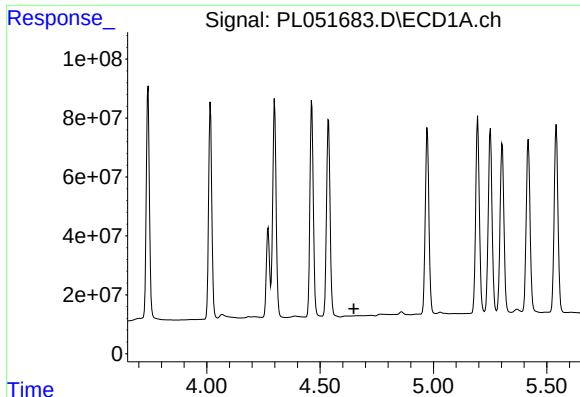
#22 Mirex

R.T.: 7.101 min  
Delta R.T.: -0.003 min  
Response: 441848443  
Conc: 41.73 ng/ml



#22 Mirex

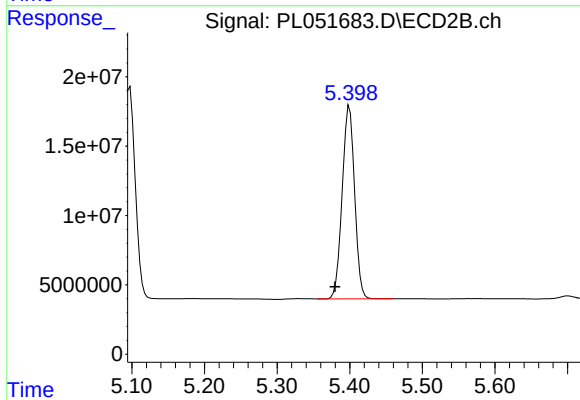
R.T.: 8.089 min  
Delta R.T.: -0.004 min  
Response: 111754457  
Conc: 45.94 ng/ml



#24 Chlordane-2

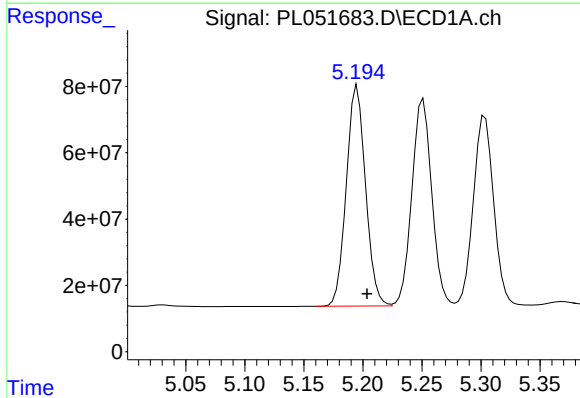
R.T.: 0.000 min  
Exp R.T.: 4.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



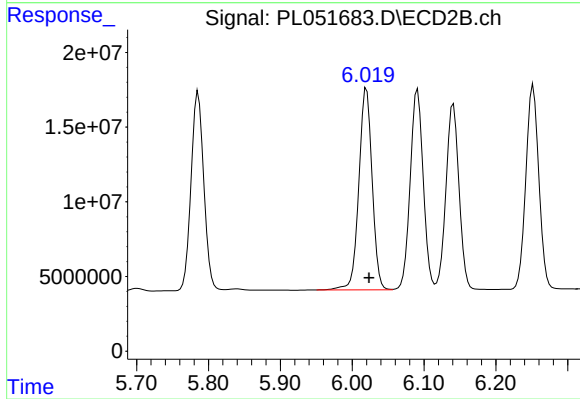
#24 Chlordane-2

R.T.: 5.400 min  
Delta R.T.: 0.020 min  
Response: 165778194  
Conc: 1651.66 ng/ml



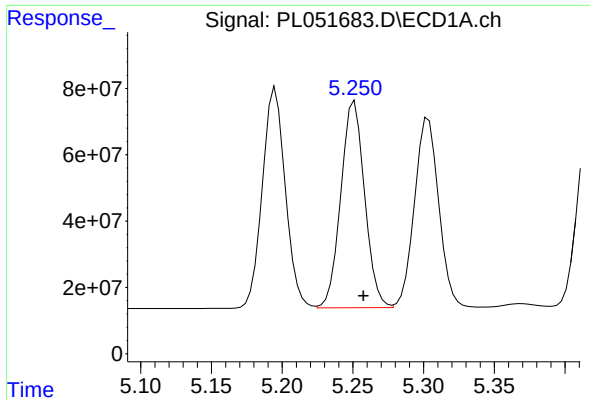
#25 Chlordane-3

R.T.: 5.195 min  
Delta R.T.: -0.008 min  
Response: 753397890  
Conc: 580.28 ng/ml



#25 Chlordane-3

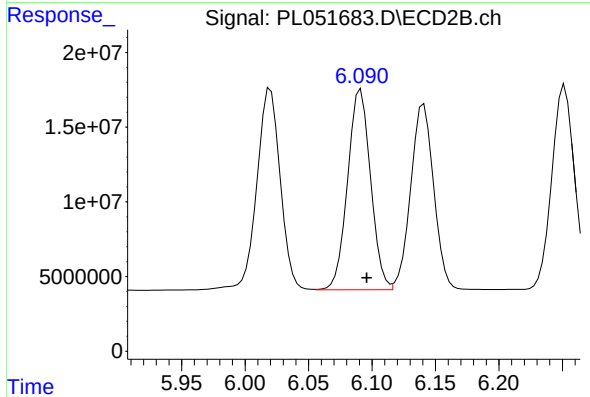
R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 173059852  
Conc: 388.43 ng/ml



#26 Chlordane-4

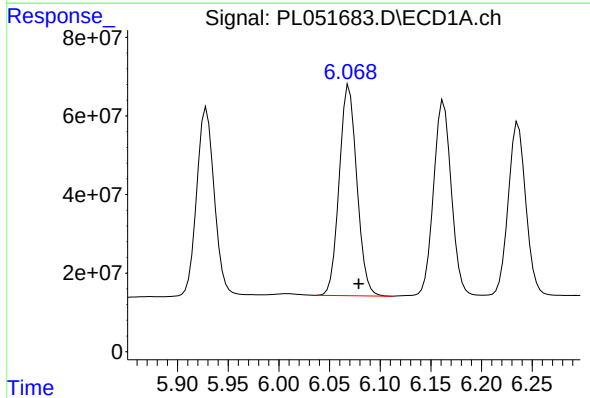
R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 730900494  
Conc: 599.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



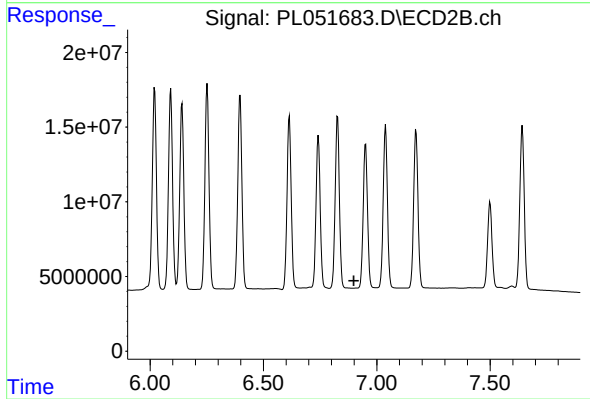
#26 Chlordane-4

R.T.: 6.091 min  
Delta R.T.: -0.005 min  
Response: 168796975  
Conc: 310.80 ng/ml



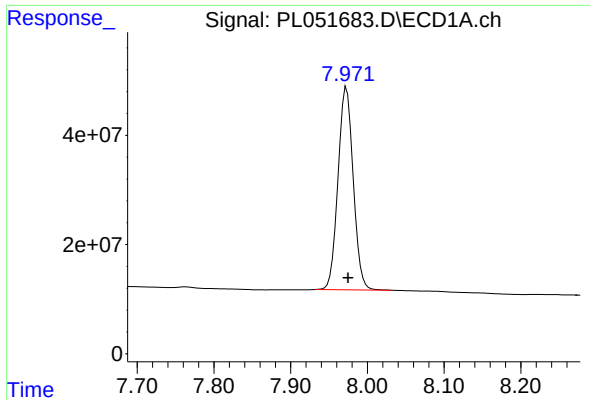
#27 Chlordane-5

R.T.: 6.069 min  
Delta R.T.: -0.010 min  
Response: 648983257  
Conc: 1322.52 ng/ml



#27 Chlordane-5

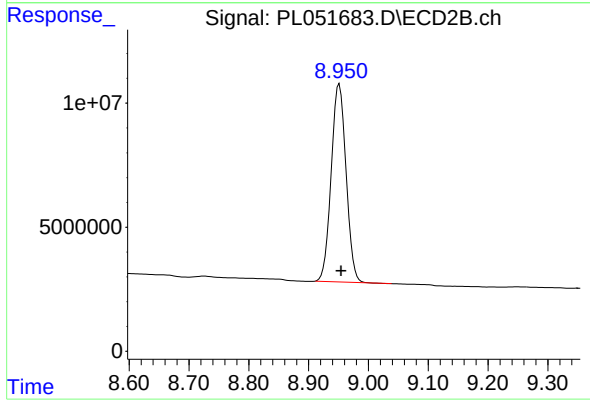
R.T.: 0.000 min  
Exp R.T.: 6.898 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.973 min  
Delta R.T.: -0.002 min  
Response: 512191255  
Conc: 42.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.951 min  
Delta R.T.: -0.003 min  
Response: 137737993  
Conc: 45.25 ng/ml