

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031325\  
 Data File : PL094680.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2025 16:07  
 Operator : AR\AJ  
 Sample : Q1553-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RT2321

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 16:58:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.536  | 2.771  | 18640936 | 22891897 | 6.585   | 6.414      |
| 28)                         | SA Decachlor... | 9.049  | 7.902  | 20631691 | 45539979 | 9.790   | 11.274     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.024f | 3.291f | 9492583  | 9973326  | 2.286   | 1.850      |
| 3)                          | MA gamma-BHC... | 0.000  | 3.630f | 0        | 8396872  | N.D.    | 1.634 #    |
| 4)                          | MA Heptachlor   | 0.000  | 3.958f | 0        | 22531919 | N.D.    | 4.277 #    |
| 5)                          | MB Aldrin       | 5.283f | 4.238f | 73944891 | 45314857 | 20.027  | 9.293 #    |
| 6)                          | B beta-BHC      | 4.554f | 3.876f | 3670518  | 18255162 | 1.989   | 8.218 #    |
| 7)                          | B delta-BHC     | 4.790f | 0.000  | 12075364 | 0        | 3.101   | N.D. #     |
| 8)                          | B Heptachlo...  | 5.675  | 4.699f | 219.0E6  | 10913633 | 65.465  | 2.384 #    |
| 9)                          | A Endosulfan I  | 6.051f | 5.122f | 19109965 | 25931669 | 6.224   | 5.909      |
| 10)                         | B gamma-Chl...  | 5.958f | 4.950f | 134.4E6  | 419.9E6  | 39.878  | 86.957 #   |
| 11)                         | B alpha-Chl...  | 6.018  | 5.022f | 10260810 | 130.1E6  | 3.112   | 27.264 #   |
| 12)                         | B 4,4'-DDE      | 6.187  | 5.222  | 244.9E6  | 8210209  | 83.228  | 1.766 #    |
| 13)                         | MA Dieldrin     | 6.339  | 5.357  | 30270507 | 641.9E6  | 9.465   | 132.292 #  |
| 14)                         | MA Endrin       | 6.570  | 5.636  | 376.0E6  | 83830803 | 135.639 | 19.211 #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.913f | 0        | 315.3E6  | N.D.    | 72.849 #   |
| 16)                         | A 4,4'-DDD      | 6.716  | 0.000  | 305.8E6  | 0        | 141.161 | N.D. #     |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.023  | 58728146 | 774.3E6  | 24.691  | 192.040 #  |
| 18)                         | B Endrin al...  | 6.932  | 6.121  | 40040516 | 26481094 | 18.968  | 7.869 #    |
| 19)                         | B Endosulfa...  | 7.134f | 6.322  | 13394570 | 37510832 | 5.508   | 9.209 #    |
| 20)                         | A Methoxychlor  | 0.000  | 6.579f | 0        | 165.1E6  | N.D.    | 77.833 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.860f | 0        | 11998512 | N.D.    | 2.514 #    |
| 23)                         | Chlordane-1     | 4.697  | 3.778  | 8785992  | 25991860 | 62.704  | 172.096 #  |
| 25)                         | Chlordane-3     | 5.958f | 4.950f | 134.4E6  | 419.9E6  | 268.824 | 789.226 #  |
| 26)                         | Chlordane-4     | 6.018  | 5.022  | 10260810 | 130.1E6  | 17.418  | 249.971 #  |
| 27)                         | Chlordane-5     | 6.896f | 5.913f | 22530320 | 315.3E6  | 205.155 | 1643.647 # |
| -----                       |                 |        |        |          |          |         |            |

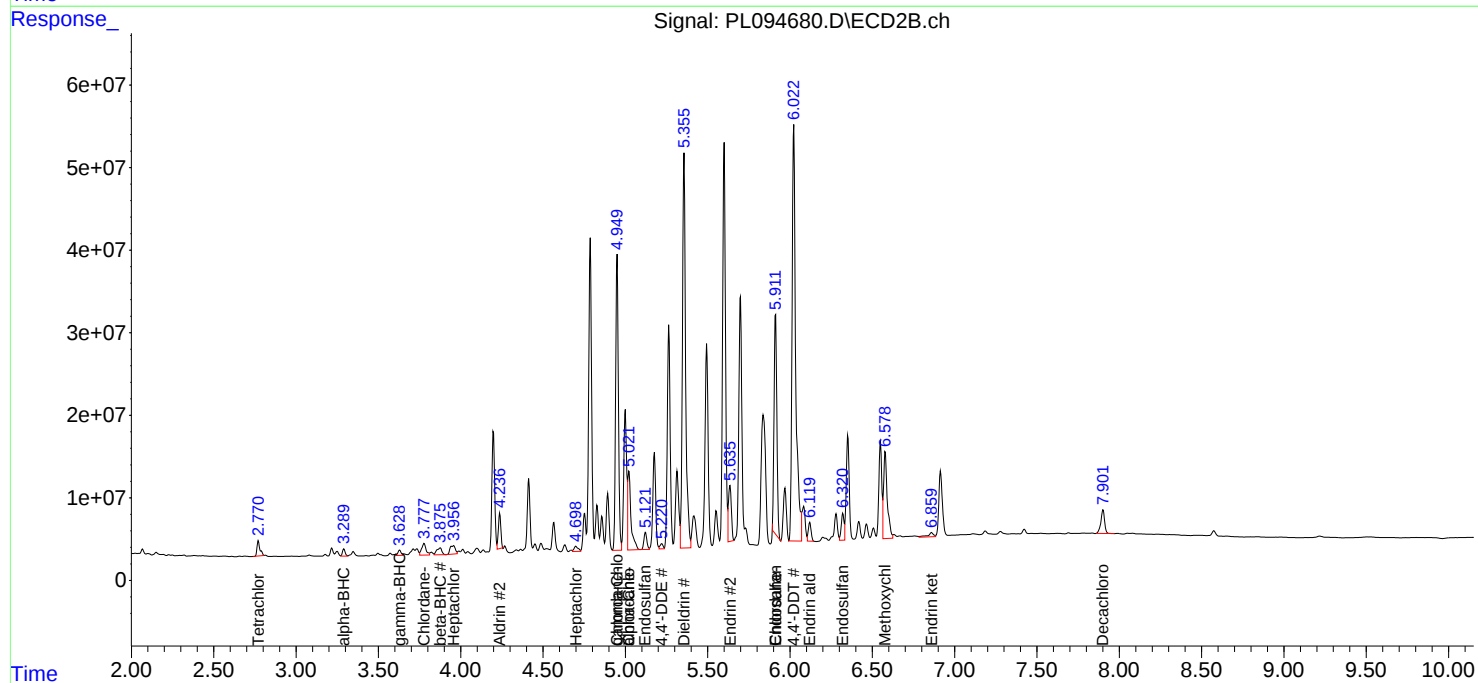
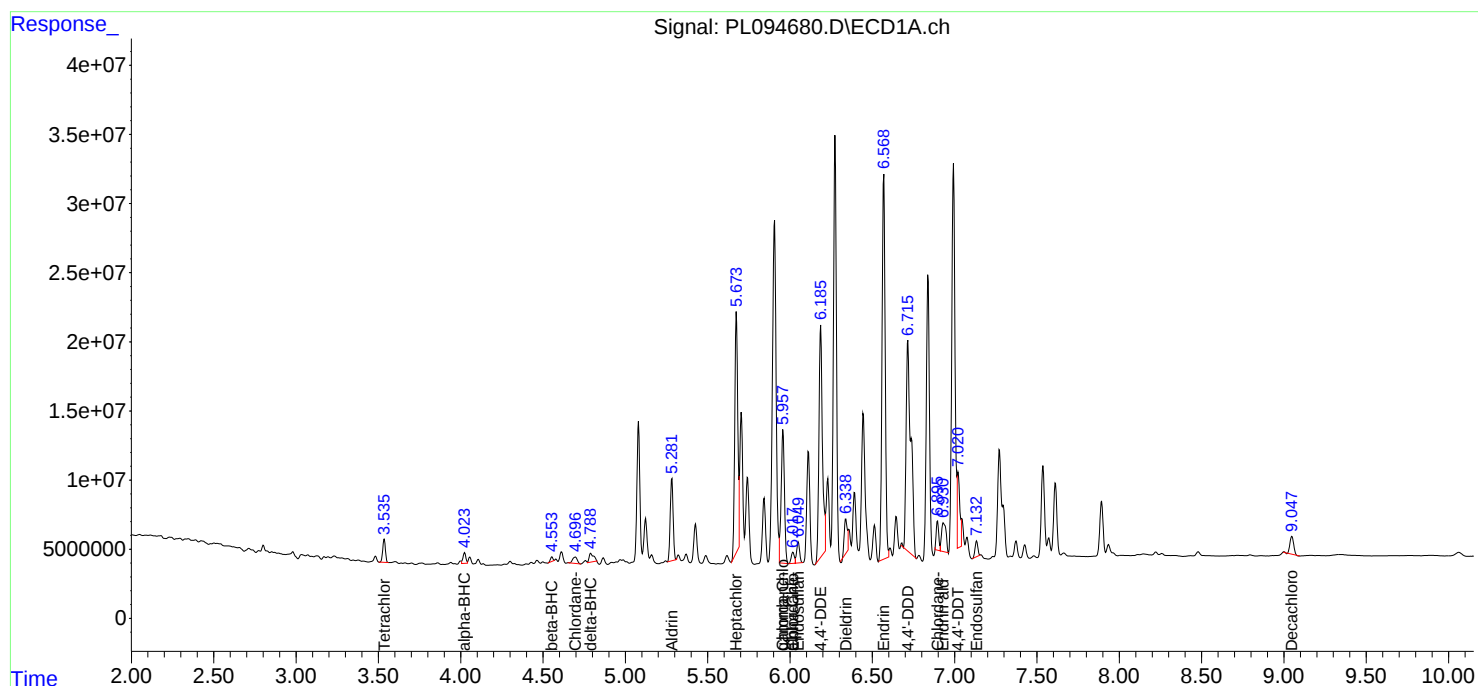
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

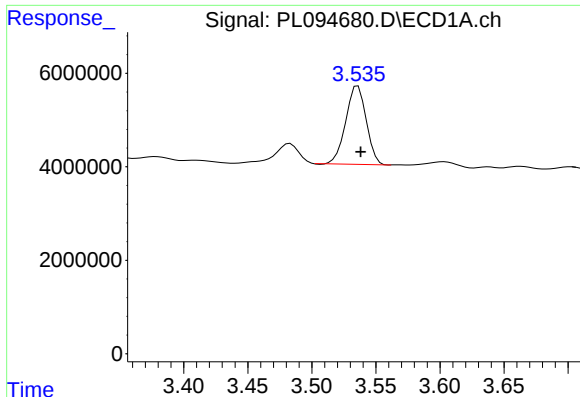
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031325\  
Data File : PL094680.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2025 16:07  
Operator : AR\AJ  
Sample : Q1553-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 16:58:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 11 17:42:21 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

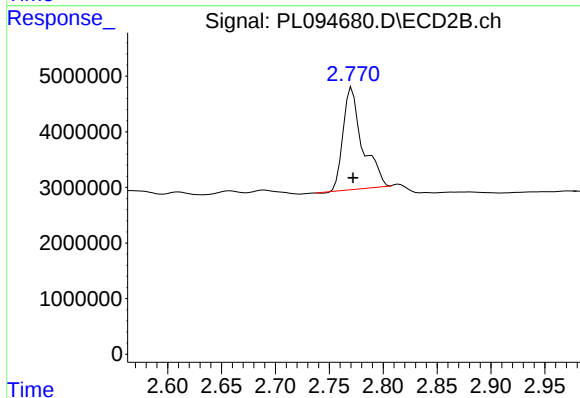




#1 Tetrachloro-m-xylene

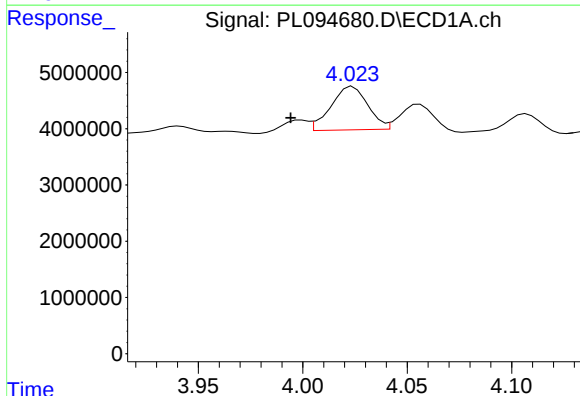
R.T.: 3.536 min  
Delta R.T.: -0.002 min  
Response: 18640936  
Conc: 6.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



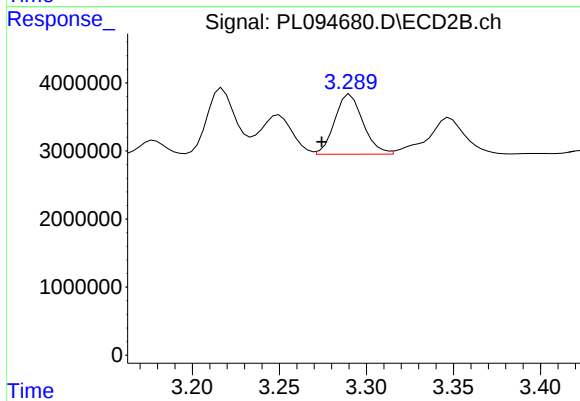
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 22891897  
Conc: 6.41 ng/ml



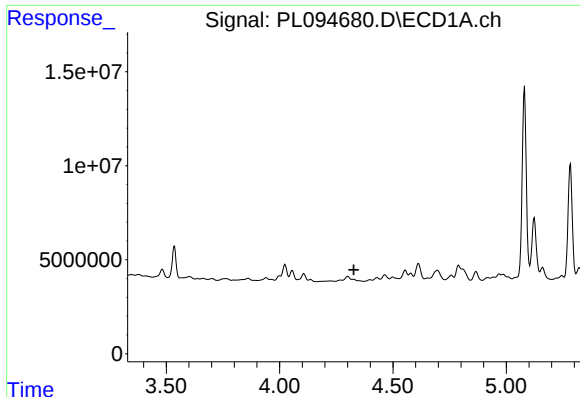
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: 0.030 min  
Response: 9492583  
Conc: 2.29 ng/ml



#2 alpha-BHC

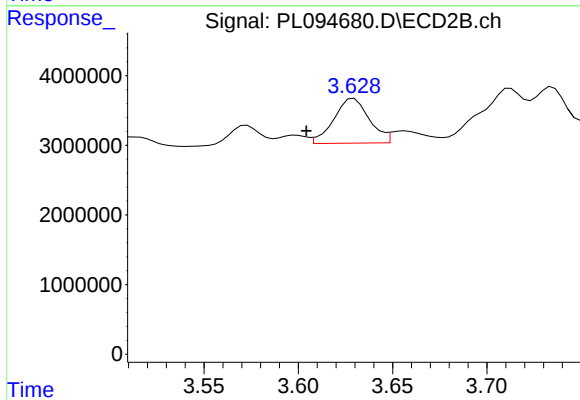
R.T.: 3.291 min  
Delta R.T.: 0.016 min  
Response: 9973326  
Conc: 1.85 ng/ml



#3 gamma-BHC (Lindane)

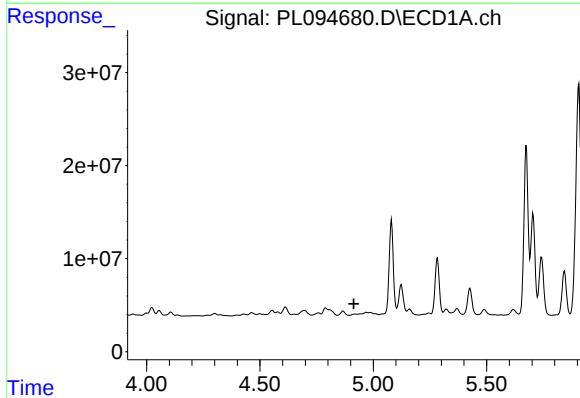
R.T.: 0.000 min  
Exp R.T.: 4.327 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



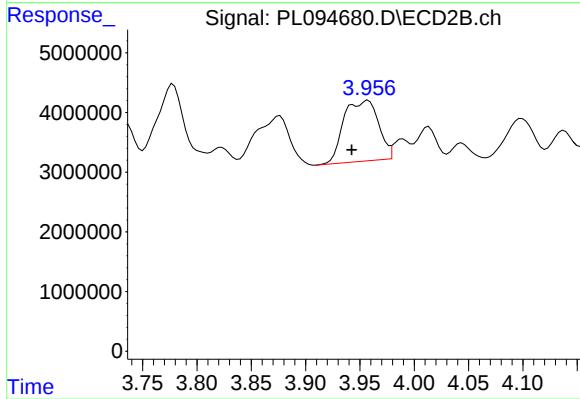
#3 gamma-BHC (Lindane)

R.T.: 3.630 min  
Delta R.T.: 0.025 min  
Response: 8396872  
Conc: 1.63 ng/ml



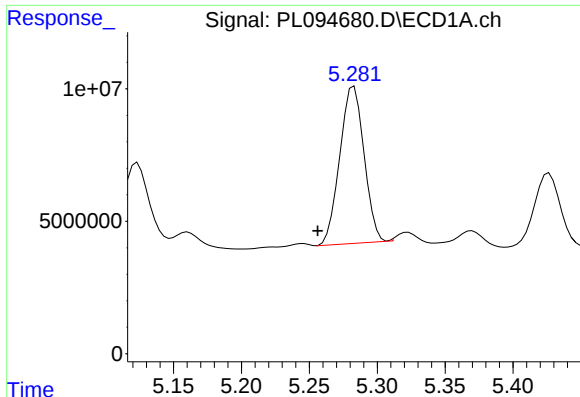
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 4.915 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

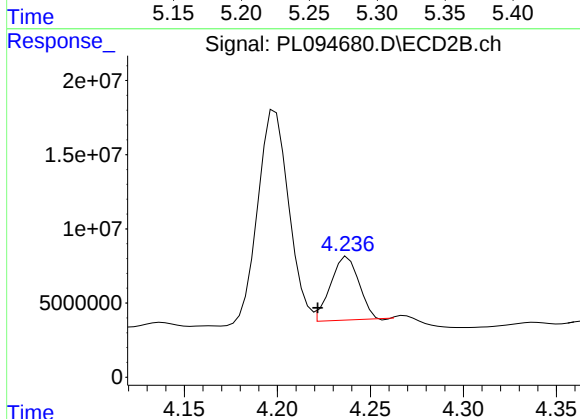
R.T.: 3.958 min  
Delta R.T.: 0.015 min  
Response: 22531919  
Conc: 4.28 ng/ml



#5 Aldrin

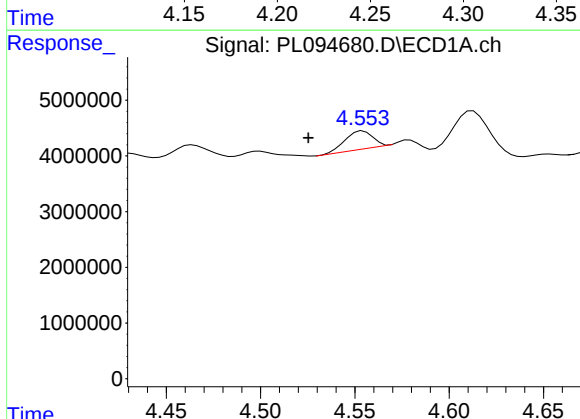
R.T.: 5.283 min  
Delta R.T.: 0.027 min  
Response: 73944891  
Conc: 20.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



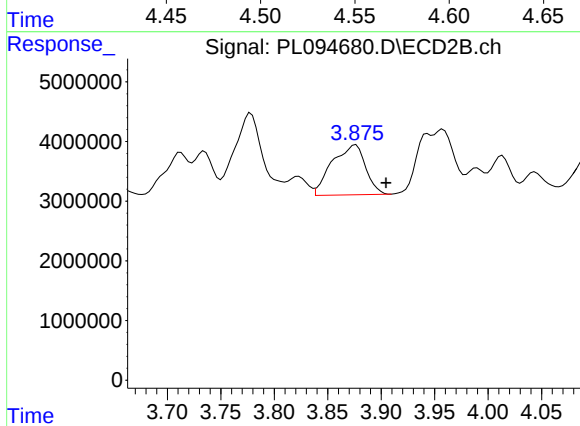
#5 Aldrin

R.T.: 4.238 min  
Delta R.T.: 0.016 min  
Response: 45314857  
Conc: 9.29 ng/ml



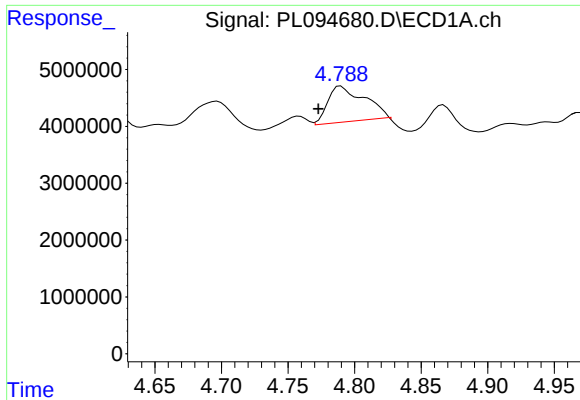
#6 beta-BHC

R.T.: 4.554 min  
Delta R.T.: 0.029 min  
Response: 3670518  
Conc: 1.99 ng/ml



#6 beta-BHC

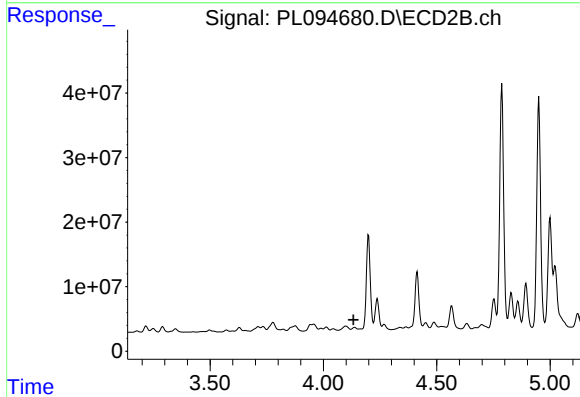
R.T.: 3.876 min  
Delta R.T.: -0.028 min  
Response: 18255162  
Conc: 8.22 ng/ml



#7 delta-BHC

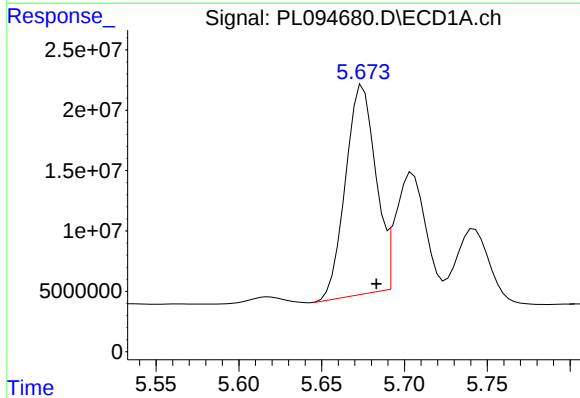
R.T.: 4.790 min  
Delta R.T.: 0.017 min  
Response: 12075364  
Conc: 3.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



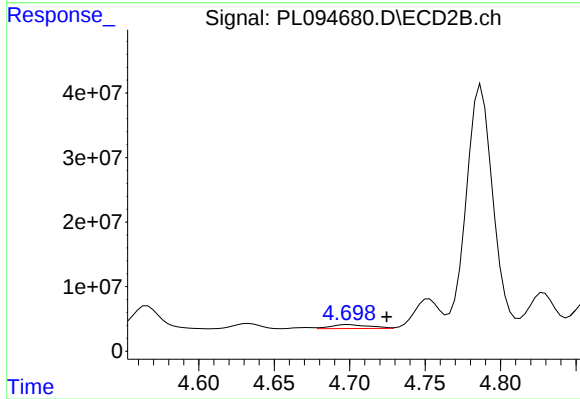
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.133 min  
Response: 0  
Conc: N.D.



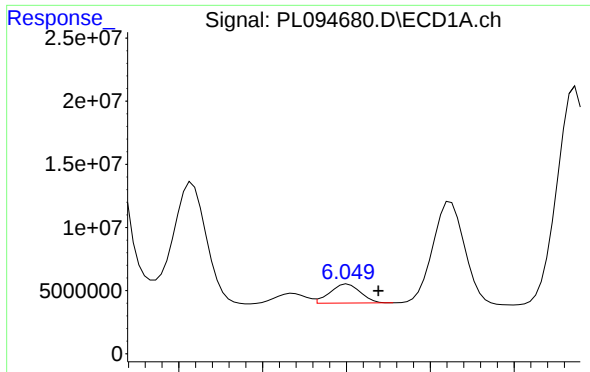
#8 Heptachlor epoxide

R.T.: 5.675 min  
Delta R.T.: -0.008 min  
Response: 218994403  
Conc: 65.47 ng/ml



#8 Heptachlor epoxide

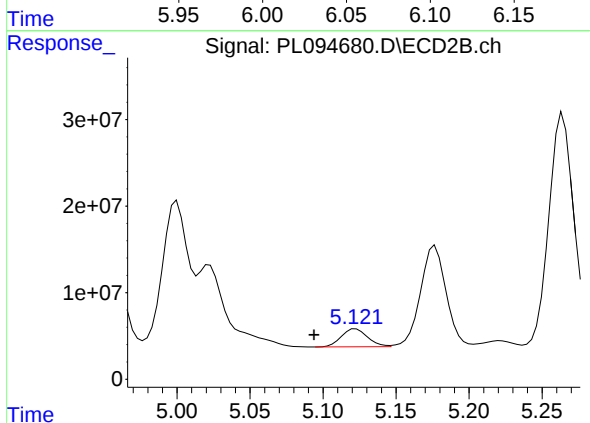
R.T.: 4.699 min  
Delta R.T.: -0.025 min  
Response: 10913633  
Conc: 2.38 ng/ml



#9 Endosulfan I

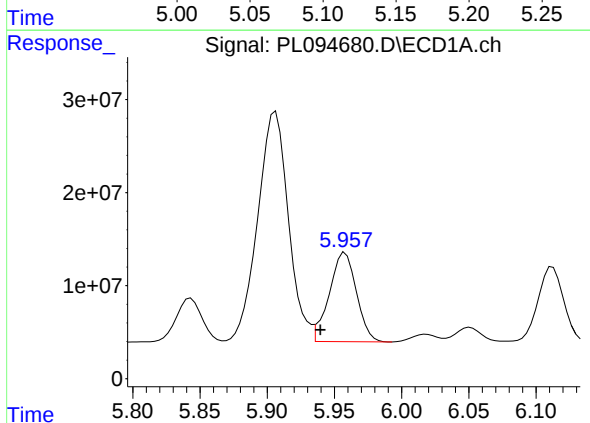
R.T.: 6.051 min  
Delta R.T.: -0.018 min  
Response: 19109965  
Conc: 6.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



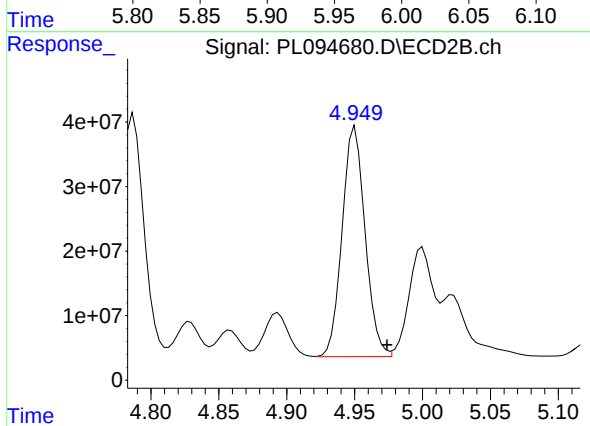
#9 Endosulfan I

R.T.: 5.122 min  
Delta R.T.: 0.028 min  
Response: 25931669  
Conc: 5.91 ng/ml



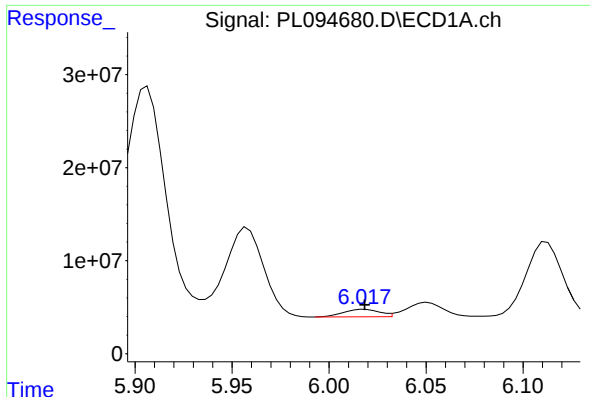
#10 gamma-Chlordane

R.T.: 5.958 min  
Delta R.T.: 0.018 min  
Response: 134363573  
Conc: 39.88 ng/ml



#10 gamma-Chlordane

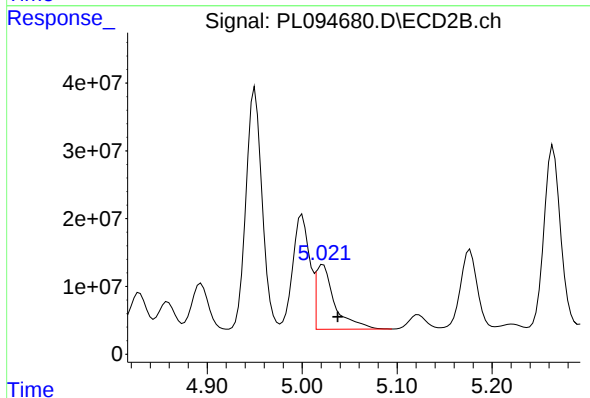
R.T.: 4.950 min  
Delta R.T.: -0.024 min  
Response: 419866718  
Conc: 86.96 ng/ml



#11 alpha-Chlordane

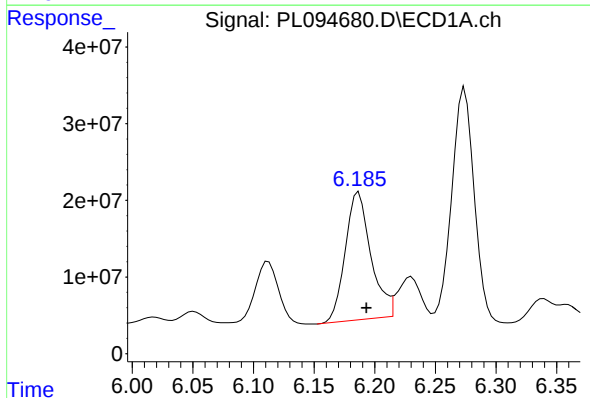
R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 10260810  
Conc: 3.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



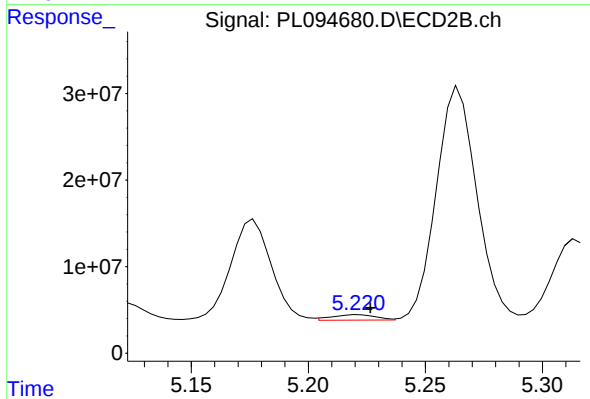
#11 alpha-Chlordane

R.T.: 5.022 min  
Delta R.T.: -0.016 min  
Response: 130125065  
Conc: 27.26 ng/ml



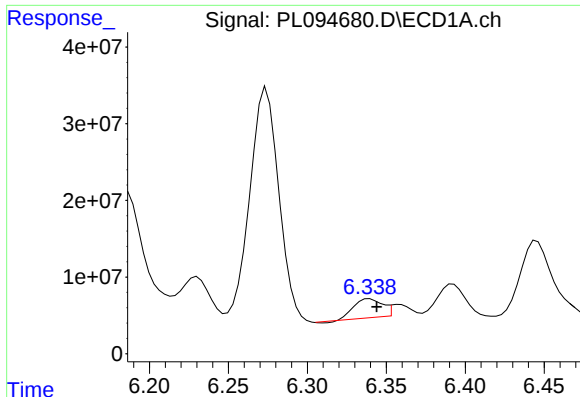
#12 4,4'-DDE

R.T.: 6.187 min  
Delta R.T.: -0.006 min  
Response: 244862456  
Conc: 83.23 ng/ml



#12 4,4'-DDE

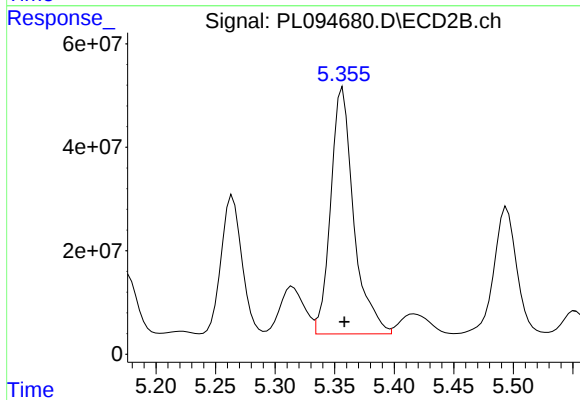
R.T.: 5.222 min  
Delta R.T.: -0.005 min  
Response: 8210209  
Conc: 1.77 ng/ml



#13 Dieldrin

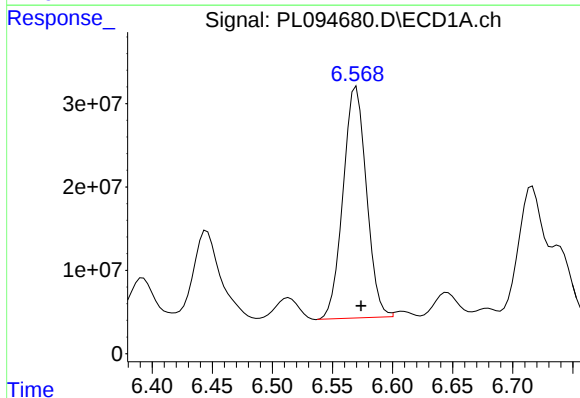
R.T.: 6.339 min  
Delta R.T.: -0.005 min  
Response: 30270507  
Conc: 9.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



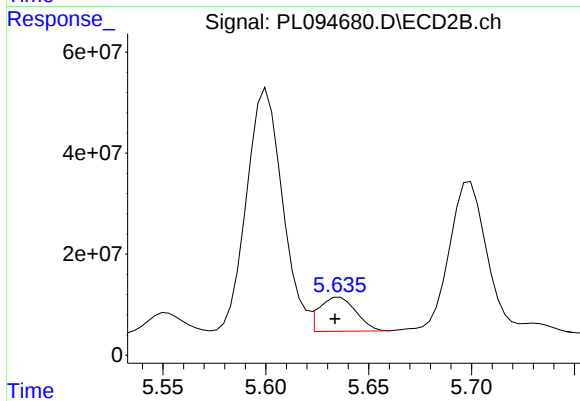
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: -0.001 min  
Response: 641854327  
Conc: 132.29 ng/ml



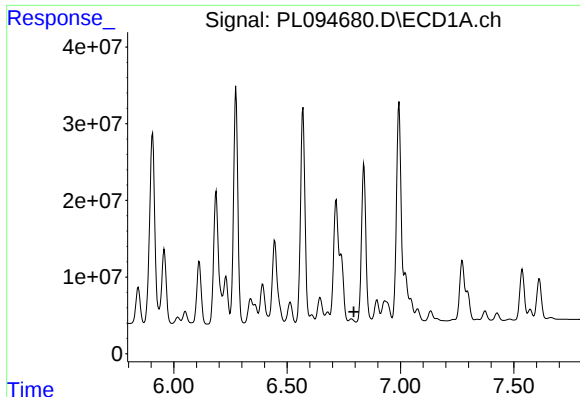
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: -0.004 min  
Response: 376002378  
Conc: 135.64 ng/ml



#14 Endrin

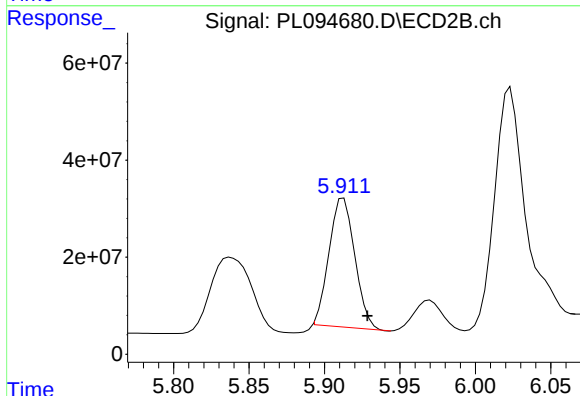
R.T.: 5.636 min  
Delta R.T.: 0.002 min  
Response: 83830803  
Conc: 19.21 ng/ml



#15 Endosulfan II

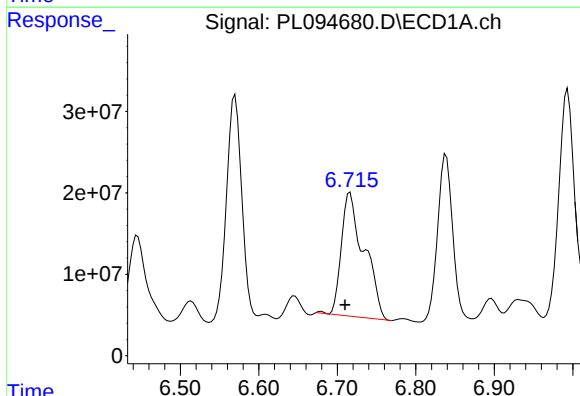
R.T.: 0.000 min  
Exp R.T.: 6.794 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



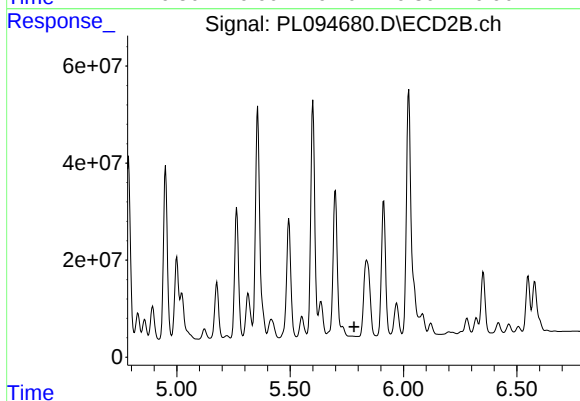
#15 Endosulfan II

R.T.: 5.913 min  
Delta R.T.: -0.016 min  
Response: 315310755  
Conc: 72.85 ng/ml



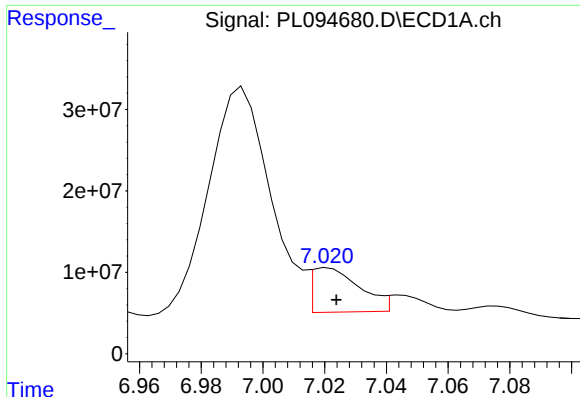
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.006 min  
Response: 305763686  
Conc: 141.16 ng/ml



#16 4,4'-DDD

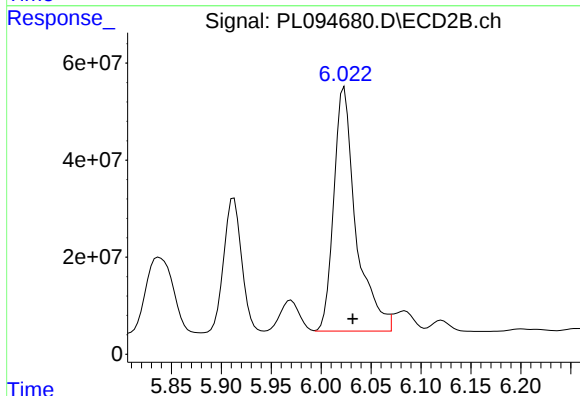
R.T.: 0.000 min  
Exp R.T.: 5.782 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

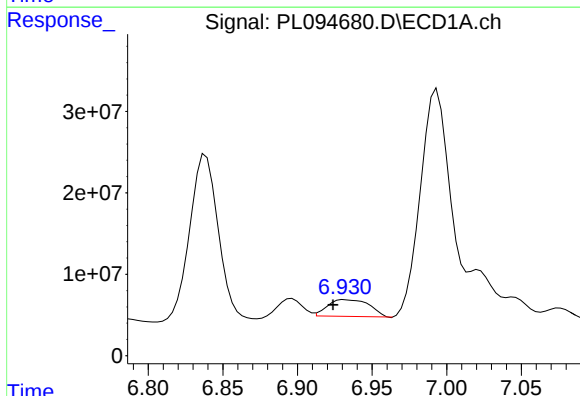
R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 58728146  
Conc: 24.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



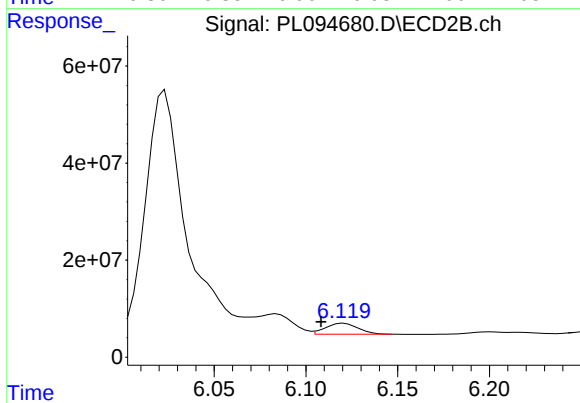
#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: -0.008 min  
Response: 774325904  
Conc: 192.04 ng/ml



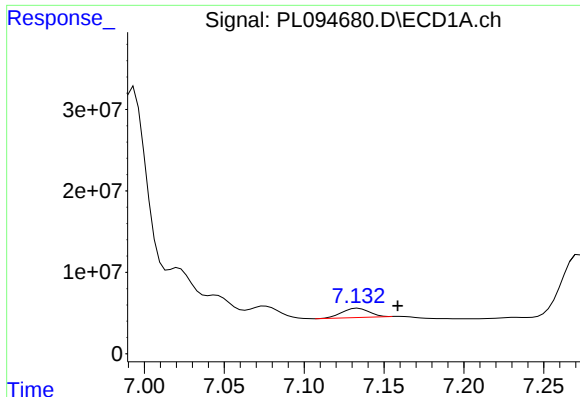
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: 0.008 min  
Response: 40040516  
Conc: 18.97 ng/ml



#18 Endrin aldehyde

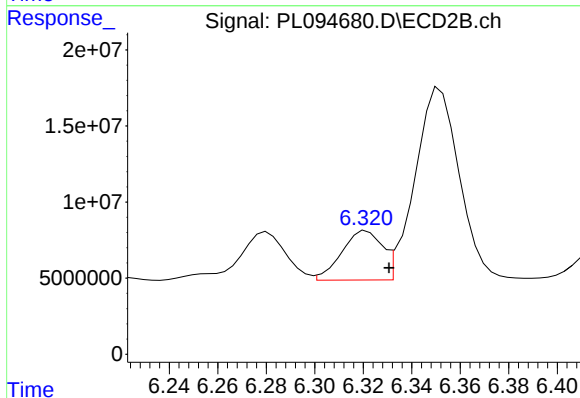
R.T.: 6.121 min  
Delta R.T.: 0.012 min  
Response: 26481094  
Conc: 7.87 ng/ml



#19 Endosulfan Sulfate

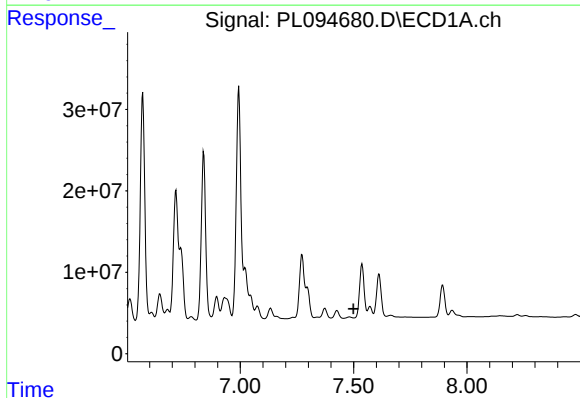
R.T.: 7.134 min  
Delta R.T.: -0.025 min  
Response: 13394570  
Conc: 5.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



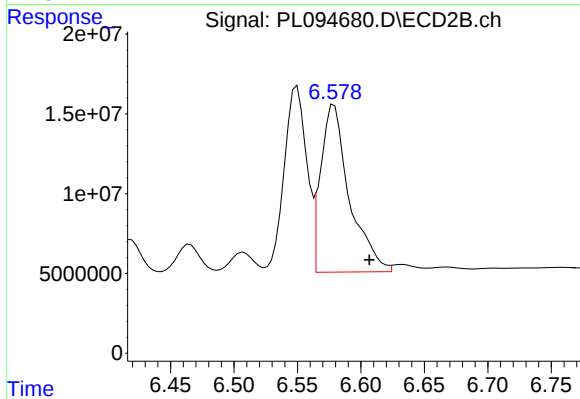
#19 Endosulfan Sulfate

R.T.: 6.322 min  
Delta R.T.: -0.009 min  
Response: 37510832  
Conc: 9.21 ng/ml



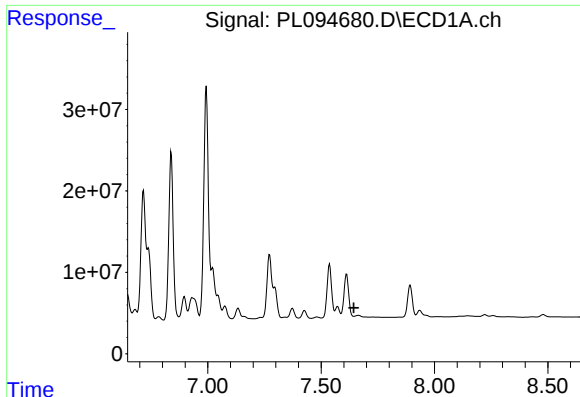
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.500 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

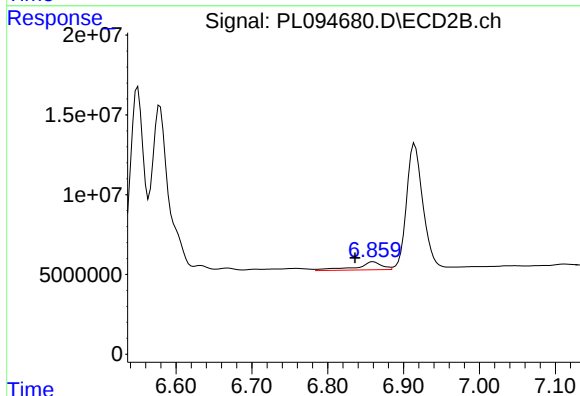
R.T.: 6.579 min  
Delta R.T.: -0.028 min  
Response: 165089406  
Conc: 77.83 ng/ml



#21 Endrin ketone

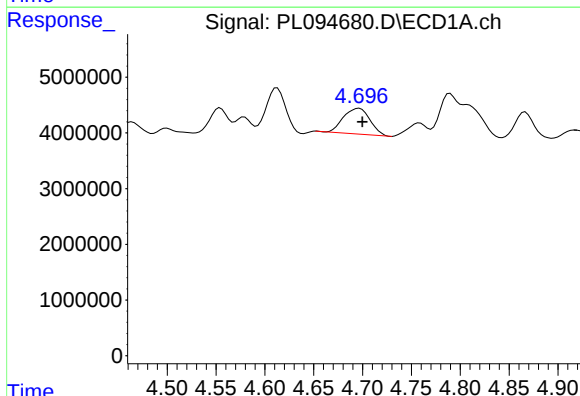
R.T.: 0.000 min  
Exp R.T.: 7.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



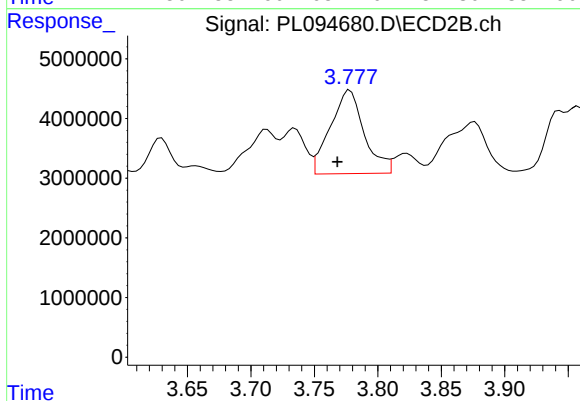
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: 0.024 min  
Response: 11998512  
Conc: 2.51 ng/ml



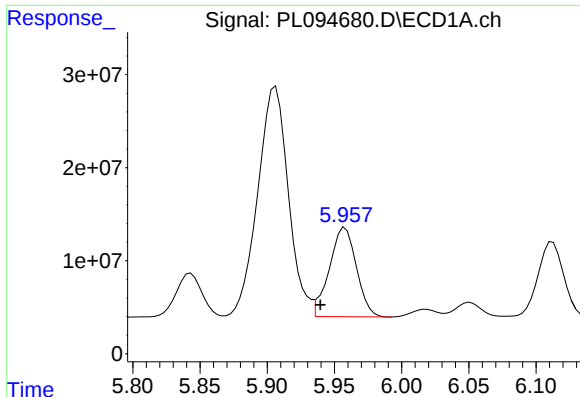
#23 Chlordane-1

R.T.: 4.697 min  
Delta R.T.: -0.003 min  
Response: 8785992  
Conc: 62.70 ng/ml



#23 Chlordane-1

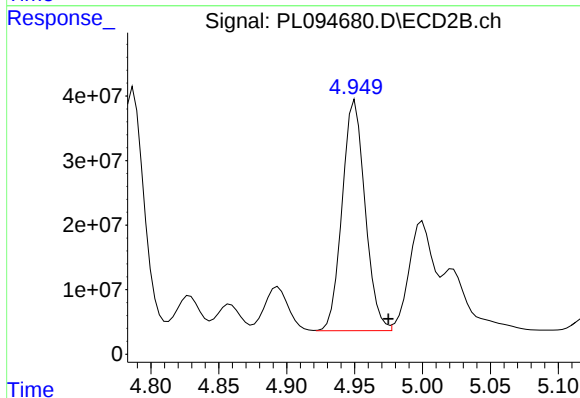
R.T.: 3.778 min  
Delta R.T.: 0.010 min  
Response: 25991860  
Conc: 172.10 ng/ml



#25 Chlordane-3

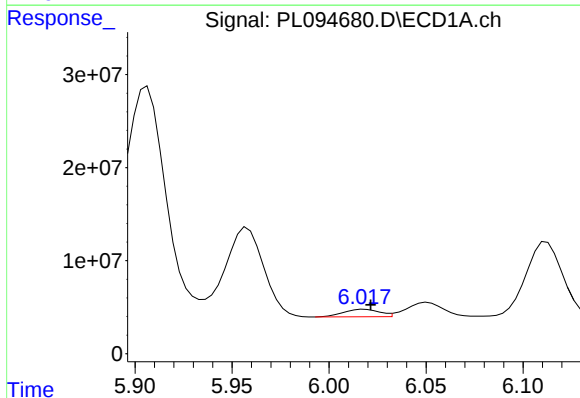
R.T.: 5.958 min  
Delta R.T.: 0.018 min  
Response: 134363573  
Conc: 268.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



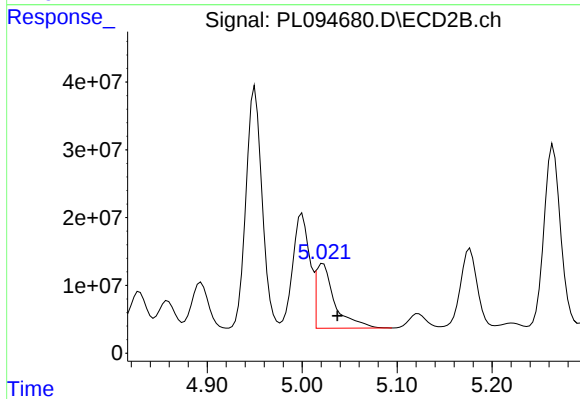
#25 Chlordane-3

R.T.: 4.950 min  
Delta R.T.: -0.025 min  
Response: 419866718  
Conc: 789.23 ng/ml



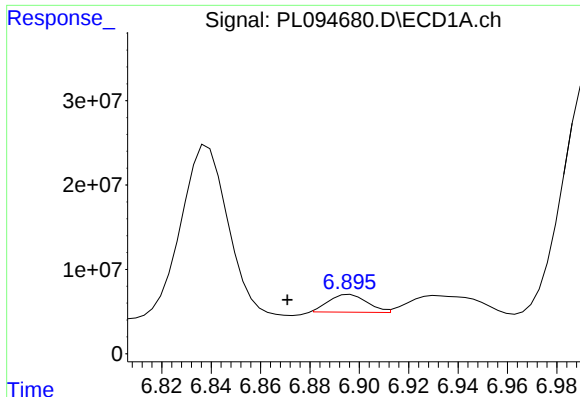
#26 Chlordane-4

R.T.: 6.018 min  
Delta R.T.: -0.003 min  
Response: 10260810  
Conc: 17.42 ng/ml



#26 Chlordane-4

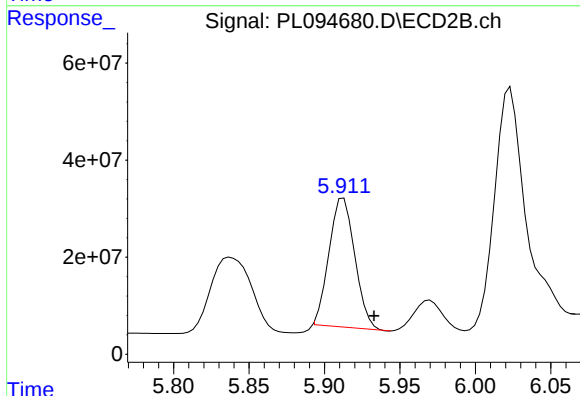
R.T.: 5.022 min  
Delta R.T.: -0.015 min  
Response: 130125065  
Conc: 249.97 ng/ml



#27 Chlordane-5

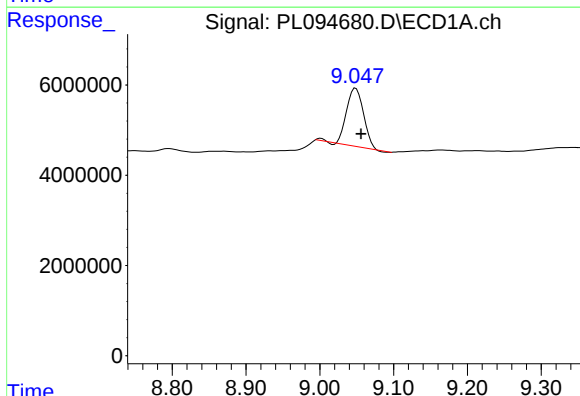
R.T.: 6.896 min  
Delta R.T.: 0.026 min  
Response: 22530320  
Conc: 205.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT2321



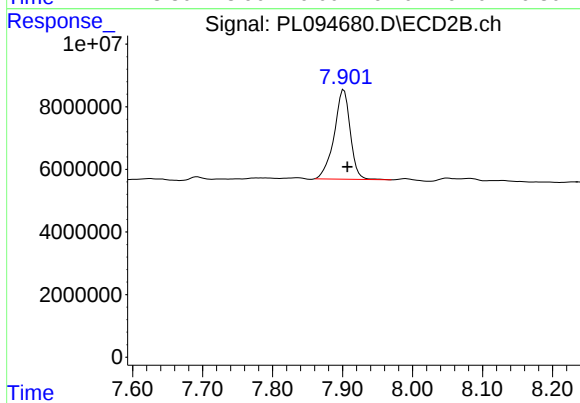
#27 Chlordane-5

R.T.: 5.913 min  
Delta R.T.: -0.020 min  
Response: 315310755  
Conc: 1643.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: -0.007 min  
Response: 20631691  
Conc: 9.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: -0.005 min  
Response: 45539979  
Conc: 11.27 ng/ml