

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052324\  
 Data File : PL0895695.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2024 12:35  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 24 00:57:10 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 26 19:27:30 2024  
 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... | 3.549  | 2.795 | 51241493 | 33732268 | 25.447  | 26.291    |
| 28)                         | SA Decachlor... | 9.061  | 7.941 | 33764755 | 32434992 | 24.135  | 24.112    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.005  | 3.299 | 39794131 | 23175904 | 13.954  | 12.283    |
| 3)                          | MA gamma-BHC... | 4.336  | 3.629 | 35611724 | 22231080 | 12.792  | 12.048    |
| 4)                          | MA Heptachlor   | 0.000  | 3.988 | 0        | 16405    | N.D.    | 0.009 #   |
| 5)                          | MB Aldrin       | 5.267  | 4.263 | 4347280  | 3737404  | 1.693   | 2.114     |
| 6)                          | B beta-BHC      | 4.531  | 3.927 | 17078620 | 11403232 | 13.538  | 13.967    |
| 7)                          | B delta-BHC     | 4.771  | 4.161 | 941003   | 1298497  | 0.355   | 0.722 #   |
| 8)                          | B Heptachlo...  | 5.688  | 4.762 | 35256710 | 68416    | 15.032  | 0.042 #   |
| 9)                          | A Endosulfan I  | 6.076  | 0.000 | 4356374  | 0        | 2.026   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.947  | 5.012 | 8901453  | 3265164  | 3.894   | 1.990 #   |
| 11)                         | B alpha-Chl...  | 6.057f | 5.070 | 12430573 | 4058825  | 5.465   | 2.461 #   |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.258 | 2011021  | 277897   | 0.994   | 0.191 #   |
| 13)                         | MA Dieldrin     | 6.335f | 5.396 | -20623   | 166317   | N.D.    | 0.103     |
| 14)                         | MA Endrin       | 6.583  | 5.664 | 119.1E6  | 90872778 | 62.885  | 63.208    |
| 15)                         | B Endosulfa...  | 6.819f | 5.972 | 10031773 | 1258445  | 5.026   | 0.875 #   |
| 16)                         | A 4,4'-DDD      | 6.716  | 5.812 | 23591447 | 5075192  | 13.984  | 4.115 #   |
| 17)                         | MA 4,4'-DDT     | 7.031  | 6.063 | 171.7E6  | 166.6E6  | 93.388  | 123.162 # |
| 18)                         | B Endrin al...  | 6.930  | 6.137 | 3715161  | 2835678  | 2.457   | 2.549     |
| 19)                         | B Endosulfa...  | 7.170  | 6.375 | 68124    | 19669    | 0.038   | 0.014 #   |
| 20)                         | A Methoxychlor  | 7.505  | 6.638 | 222.3E6  | 209.4E6  | 226.027 | 261.874   |
| 21)                         | B Endrin ke...  | 7.649  | 6.865 | 7816956  | 5330930  | 3.905   | 3.334     |
| 22)                         | Mirex           | 8.138  | 7.064 | 79237    | 217375   | 0.051   | 0.159 #   |
| 23)                         | Chlordane-1     | 4.723  | 3.798 | -1419    | 40297    | N.D.    | 0.819     |
| 24)                         | Chlordane-2     | 5.255  | 4.391 | 8142032  | 7467406  | 77.474  | 117.384 # |
| 25)                         | Chlordane-3     | 5.947  | 5.012 | 8901453  | 3265164  | 26.953  | 19.070 #  |
| 26)                         | Chlordane-4     | 6.057f | 5.070 | 12430573 | 4058825  | 30.495  | 25.234    |
| 27)                         | Chlordane-5     | 6.875  | 5.755 | 561515   | 577205   | 6.747   | 11.278 #  |
| -----                       |                 |        |       |          |          |         |           |

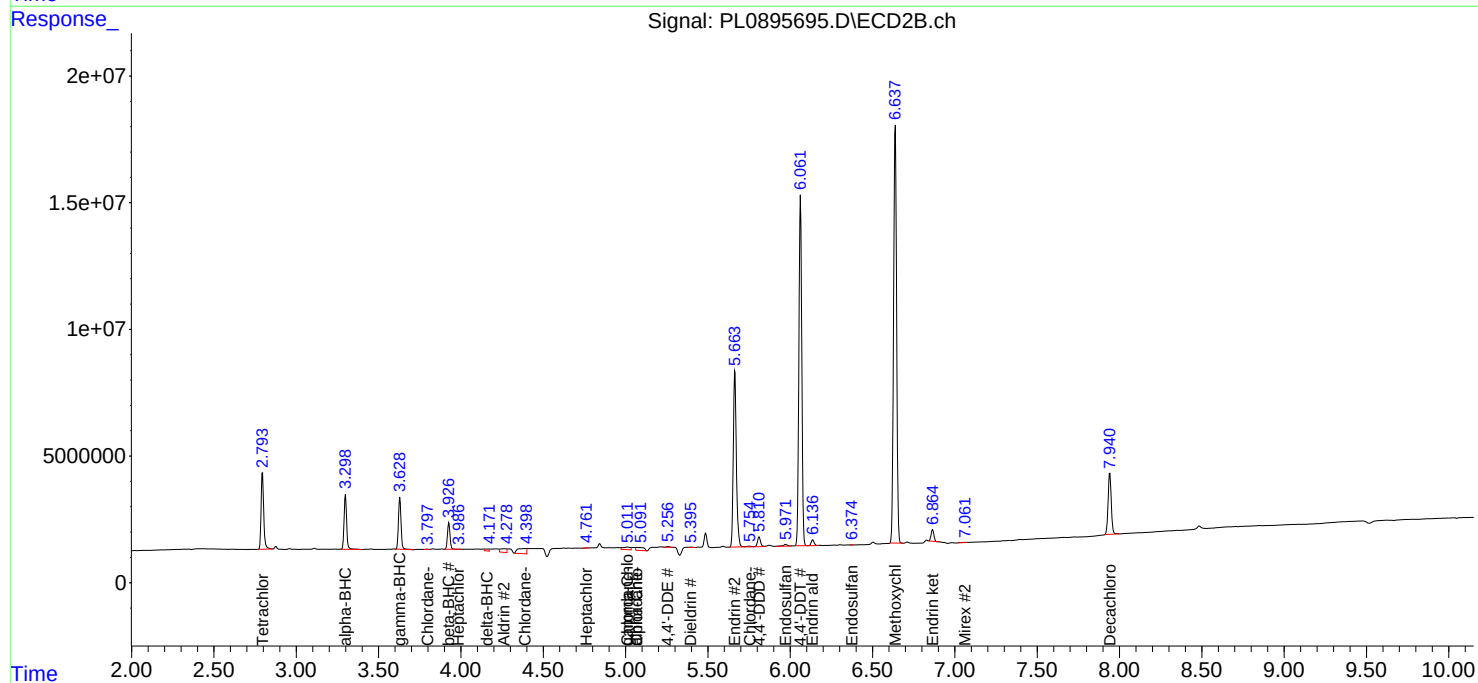
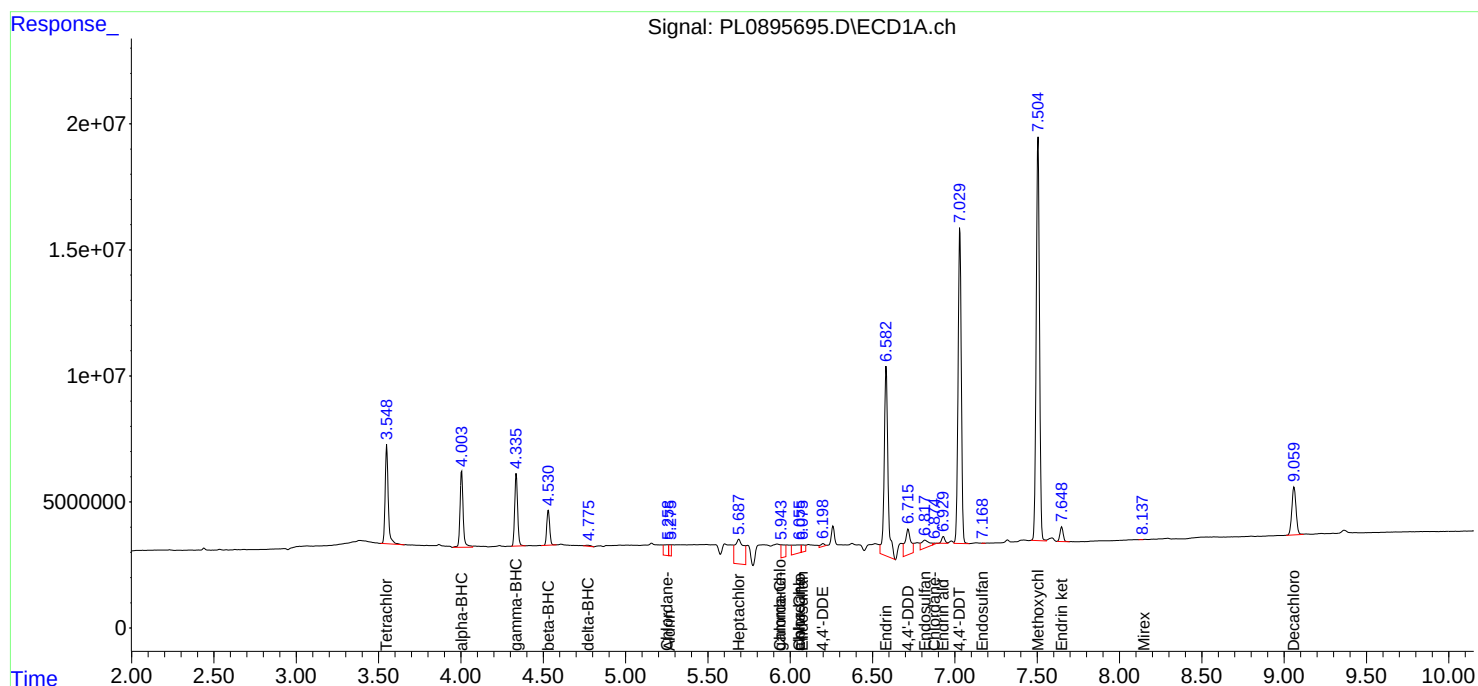
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

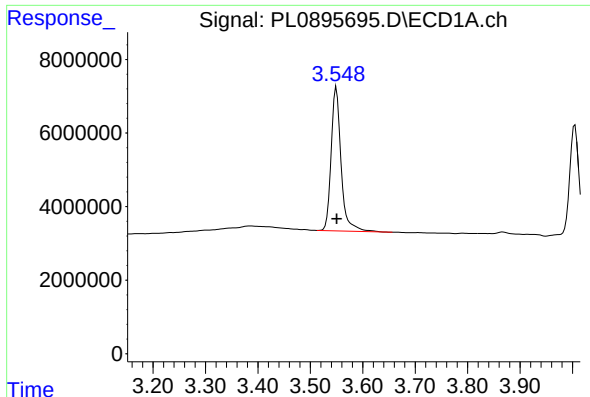
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052324\  
Data File : PL0895695.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 May 2024 12:35  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 24 00:57:10 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042624.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 26 19:27:30 2024  
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

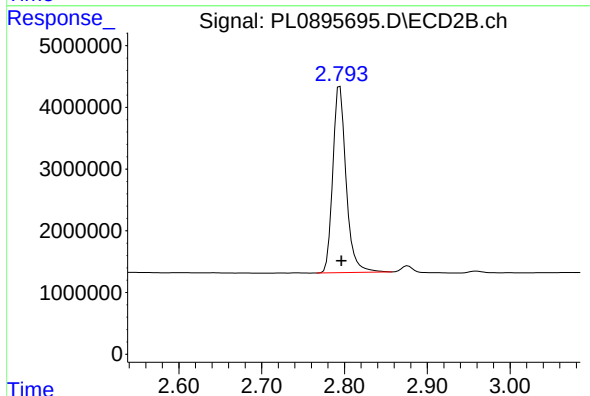




#1 Tetrachloro-m-xylene

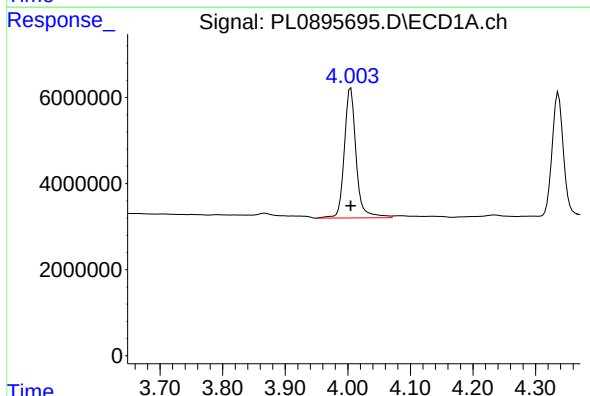
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 51241493  
Conc: 25.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



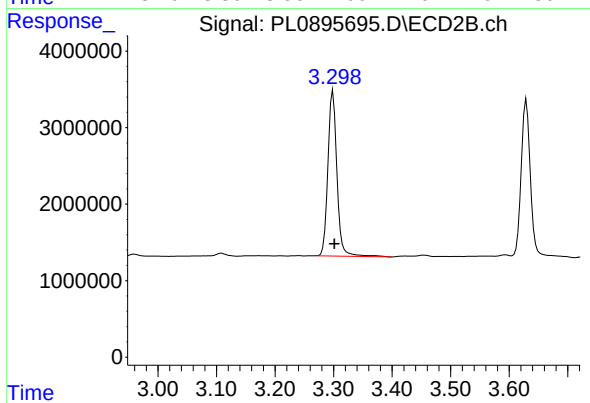
#1 Tetrachloro-m-xylene

R.T.: 2.795 min  
Delta R.T.: -0.002 min  
Response: 33732268  
Conc: 26.29 ng/ml



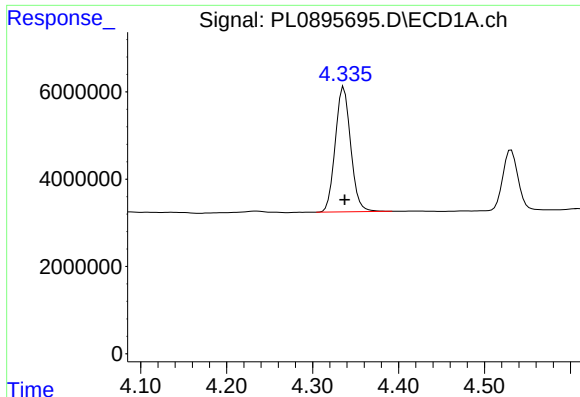
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.000 min  
Response: 39794131  
Conc: 13.95 ng/ml



#2 alpha-BHC

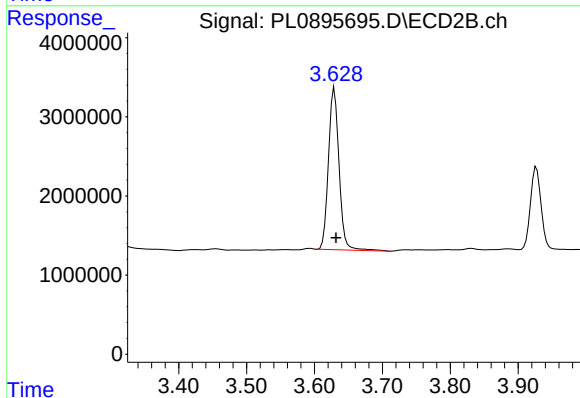
R.T.: 3.299 min  
Delta R.T.: -0.002 min  
Response: 23175904  
Conc: 12.28 ng/ml



#3 gamma-BHC (Lindane)

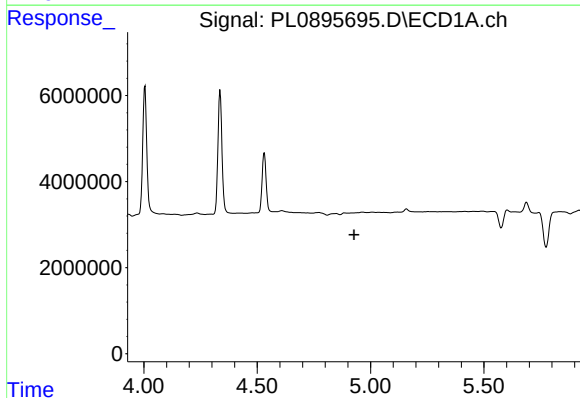
R.T.: 4.336 min  
Delta R.T.: -0.001 min  
Response: 35611724  
Conc: 12.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



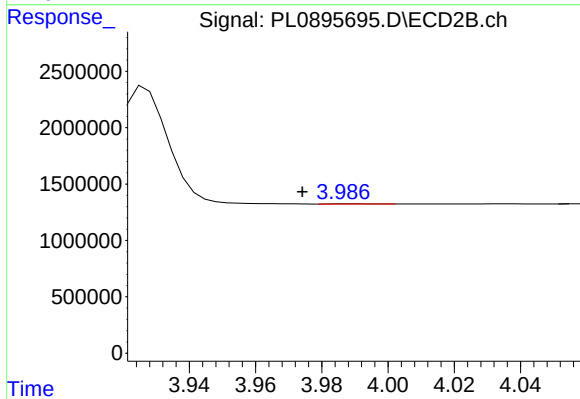
#3 gamma-BHC (Lindane)

R.T.: 3.629 min  
Delta R.T.: -0.003 min  
Response: 22231080  
Conc: 12.05 ng/ml



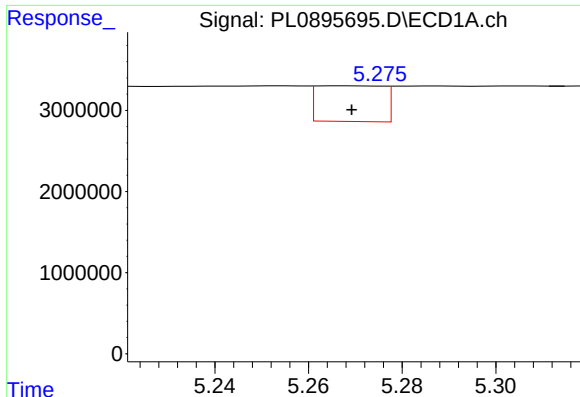
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.927 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

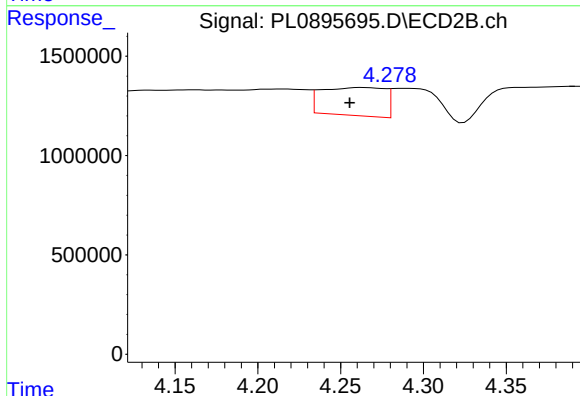
R.T.: 3.988 min  
Delta R.T.: 0.014 min  
Response: 16405  
Conc: 0.01 ng/ml



#5 Aldrin

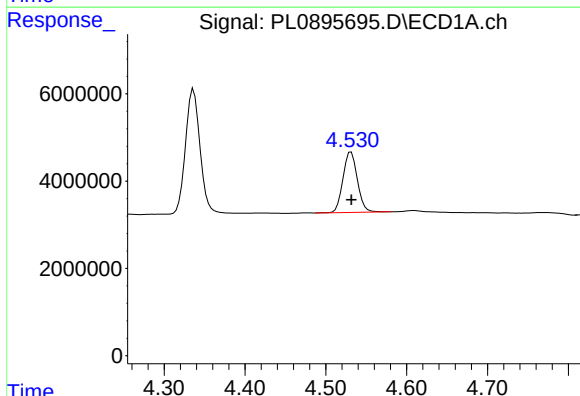
R.T.: 5.267 min  
Delta R.T.: -0.002 min  
Response: 4347280  
Conc: 1.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



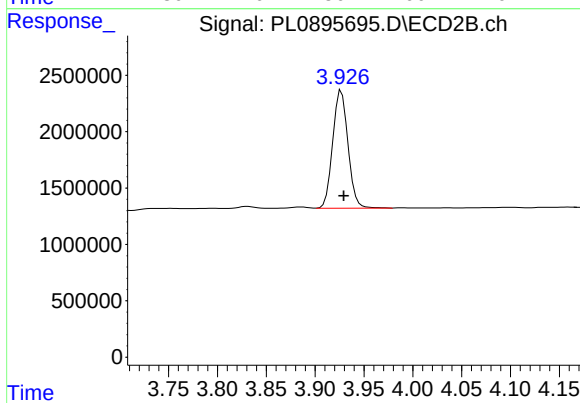
#5 Aldrin

R.T.: 4.263 min  
Delta R.T.: 0.008 min  
Response: 3737404  
Conc: 2.11 ng/ml



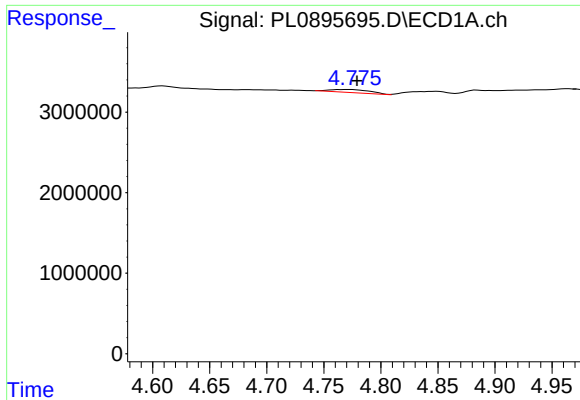
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 17078620  
Conc: 13.54 ng/ml



#6 beta-BHC

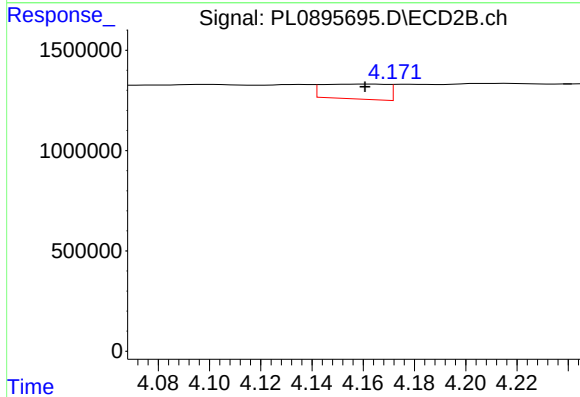
R.T.: 3.927 min  
Delta R.T.: -0.002 min  
Response: 11403232  
Conc: 13.97 ng/ml



#7 delta-BHC

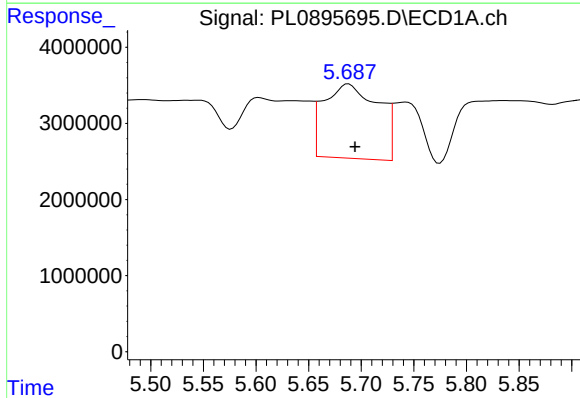
R.T.: 4.771 min  
Delta R.T.: -0.008 min  
Response: 941003  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



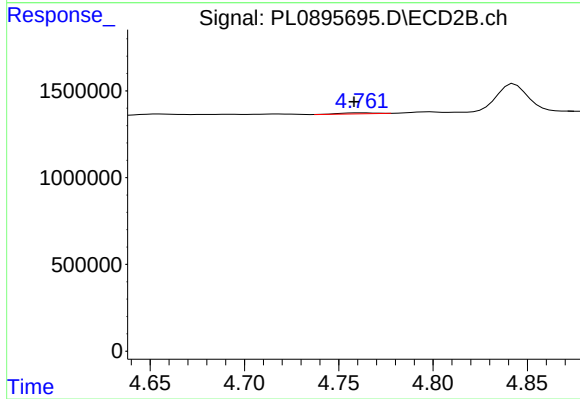
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 1298497  
Conc: 0.72 ng/ml



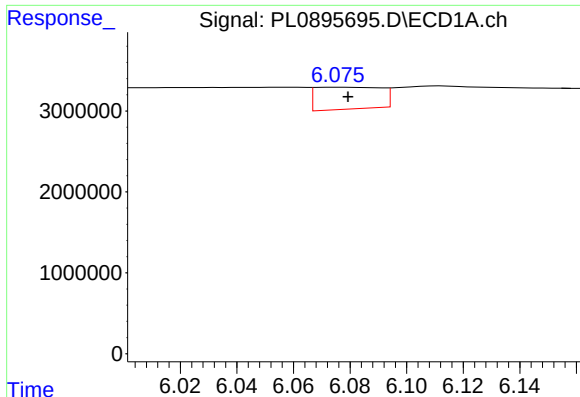
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.006 min  
Response: 35256710  
Conc: 15.03 ng/ml



#8 Heptachlor epoxide

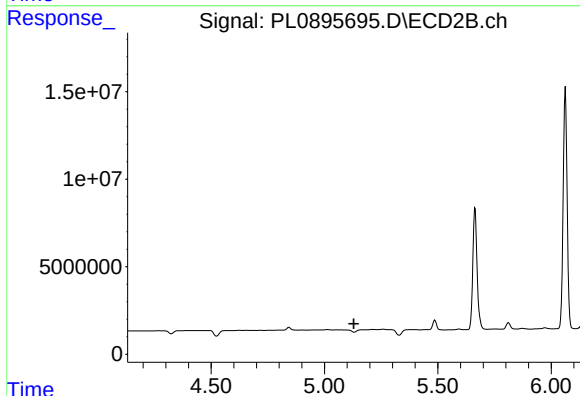
R.T.: 4.762 min  
Delta R.T.: 0.004 min  
Response: 68416  
Conc: 0.04 ng/ml



#9 Endosulfan I

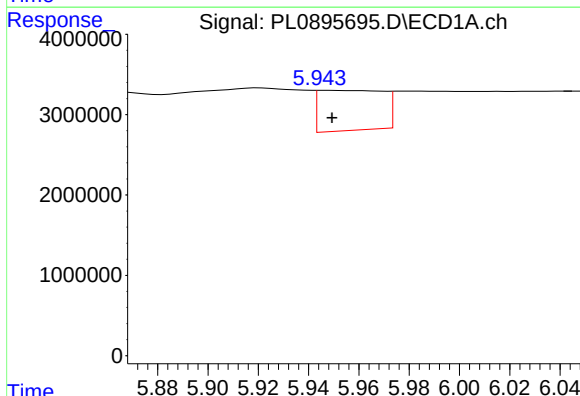
R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 4356374  
Conc: 2.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



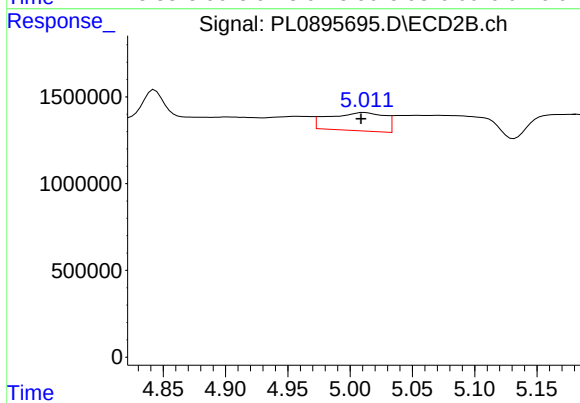
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.129 min  
Response: 0  
Conc: N.D.



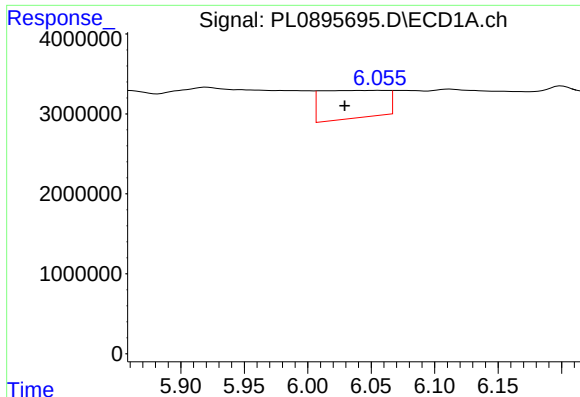
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.003 min  
Response: 8901453  
Conc: 3.89 ng/ml



#10 gamma-Chlordane

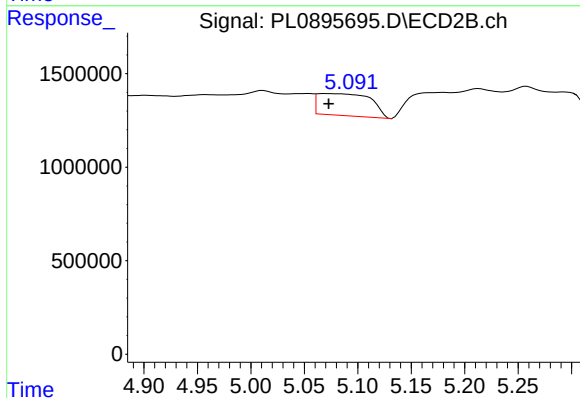
R.T.: 5.012 min  
Delta R.T.: 0.003 min  
Response: 3265164  
Conc: 1.99 ng/ml



#11 alpha-Chlordane

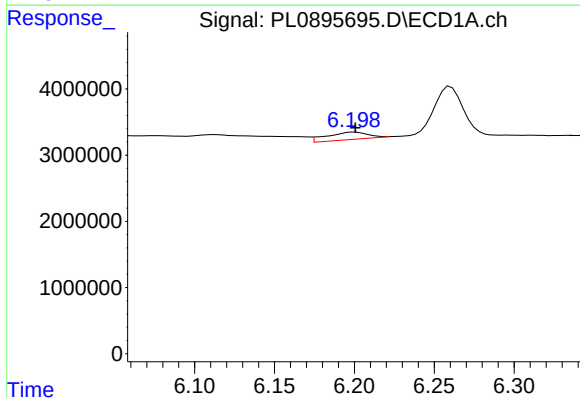
R.T.: 6.057 min  
Delta R.T.: 0.028 min  
Response: 12430573  
Conc: 5.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



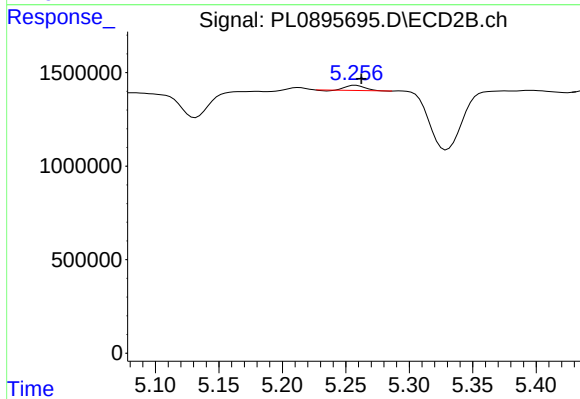
#11 alpha-Chlordane

R.T.: 5.070 min  
Delta R.T.: -0.003 min  
Response: 4058825  
Conc: 2.46 ng/ml



#12 4,4'-DDE

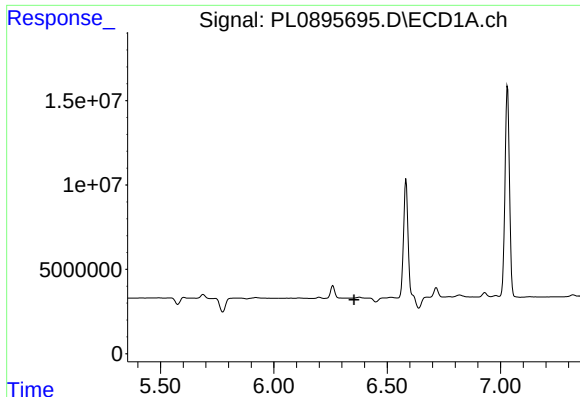
R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 2011021  
Conc: 0.99 ng/ml



#12 4,4'-DDE

R.T.: 5.258 min  
Delta R.T.: -0.004 min  
Response: 277897  
Conc: 0.19 ng/ml

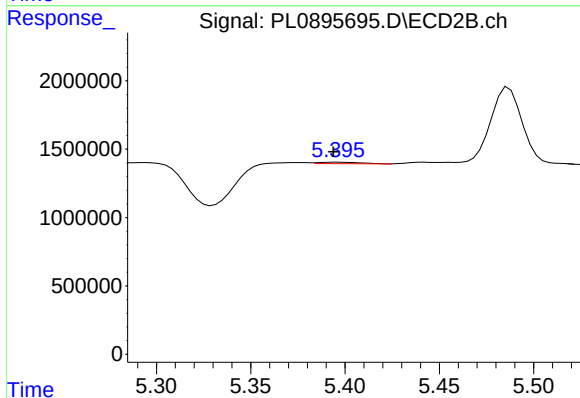




#13 Dieldrin

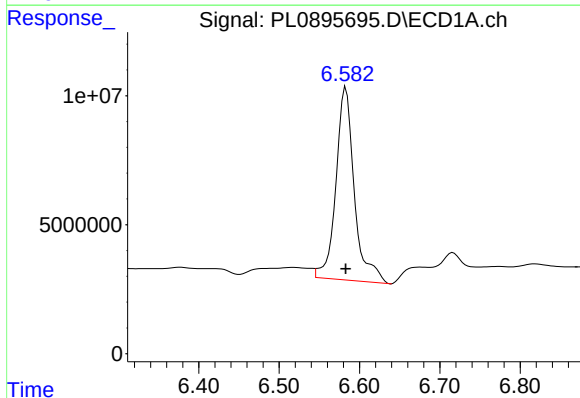
R.T.: 6.335 min  
Delta R.T.: -0.019 min  
Response: -20623  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



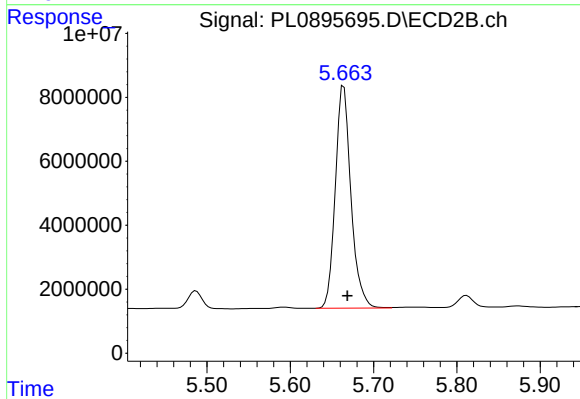
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: 0.003 min  
Response: 166317  
Conc: 0.10 ng/ml



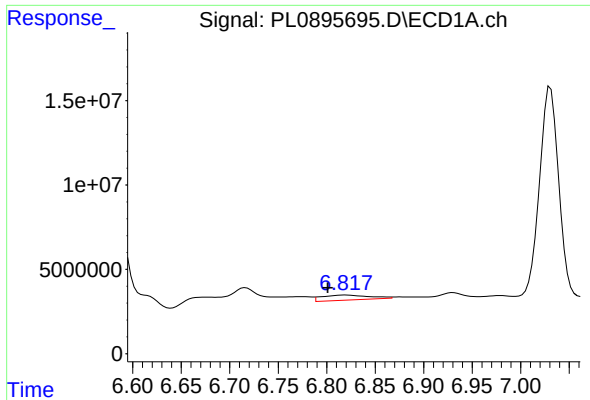
#14 Endrin

R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 119124947  
Conc: 62.88 ng/ml



#14 Endrin

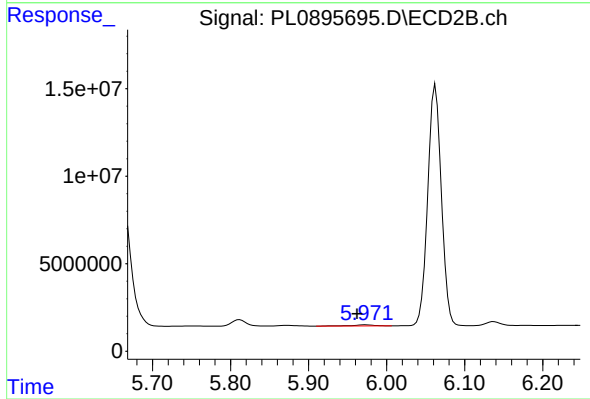
R.T.: 5.664 min  
Delta R.T.: -0.004 min  
Response: 90872778  
Conc: 63.21 ng/ml



#15 Endosulfan II

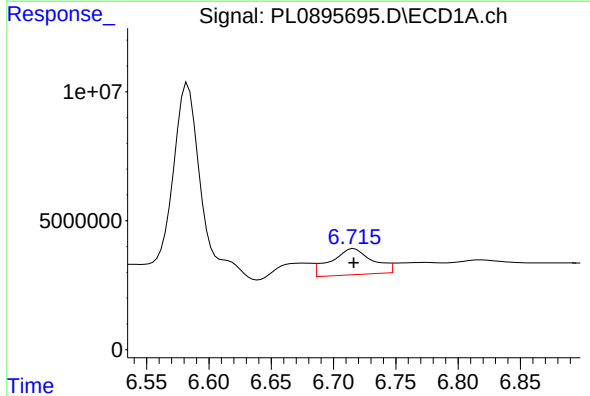
R.T.: 6.819 min  
Delta R.T.: 0.017 min  
Response: 10031773  
Conc: 5.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



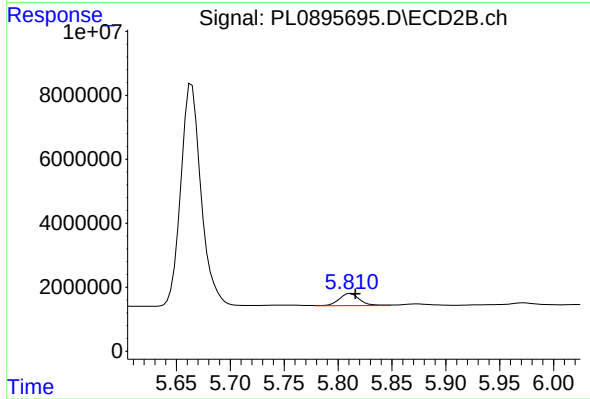
#15 Endosulfan II

R.T.: 5.972 min  
Delta R.T.: 0.010 min  
Response: 1258445  
Conc: 0.87 ng/ml



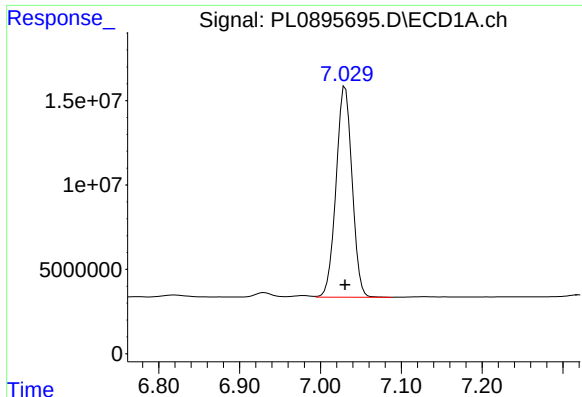
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 23591447  
Conc: 13.98 ng/ml



#16 4,4'-DDD

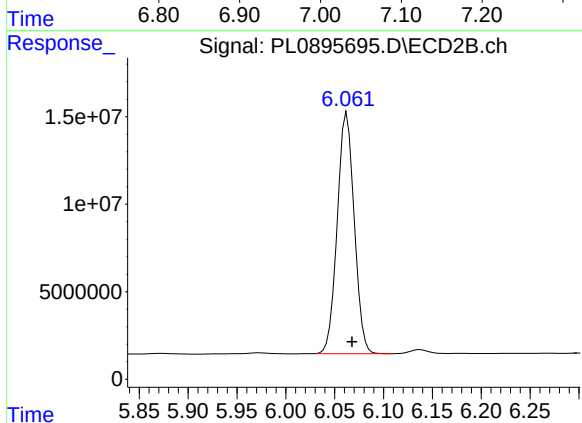
R.T.: 5.812 min  
Delta R.T.: -0.004 min  
Response: 5075192  
Conc: 4.12 ng/ml



#17 4,4'-DDT

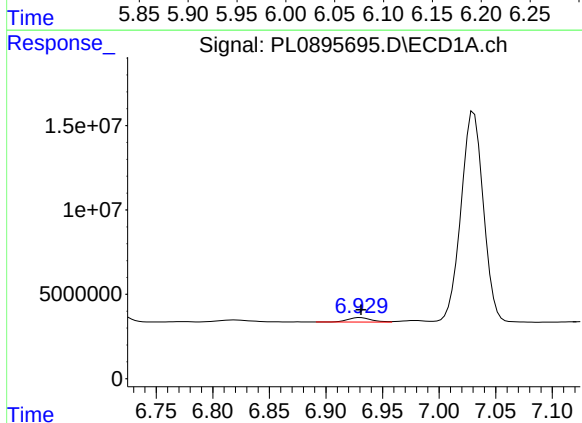
R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 171737847  
Conc: 93.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



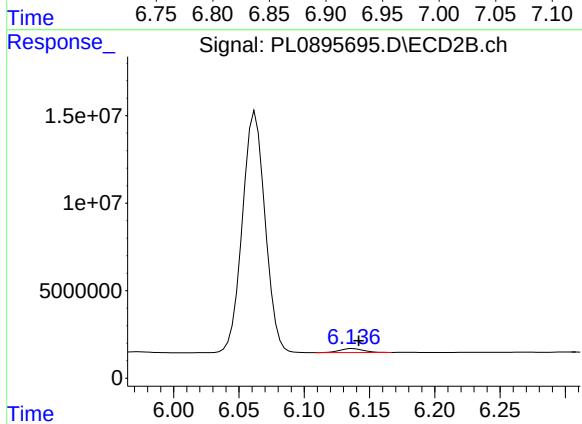
#17 4,4'-DDT

R.T.: 6.063 min  
Delta R.T.: -0.005 min  
Response: 166635800  
Conc: 123.16 ng/ml



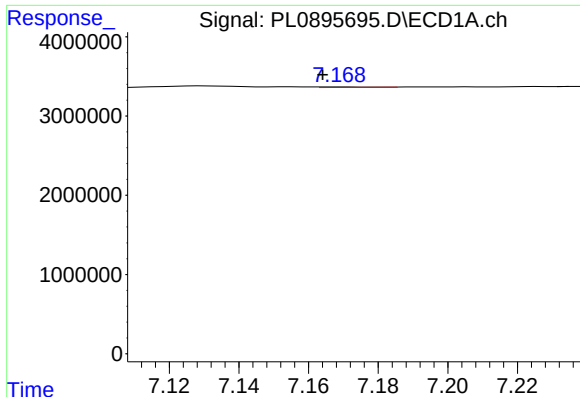
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 3715161  
Conc: 2.46 ng/ml



#18 Endrin aldehyde

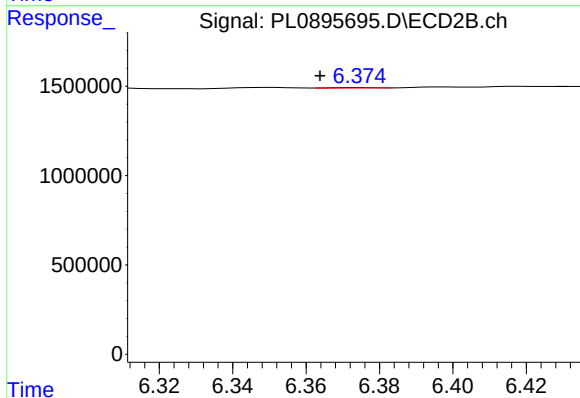
R.T.: 6.137 min  
Delta R.T.: -0.004 min  
Response: 2835678  
Conc: 2.55 ng/ml



#19 Endosulfan Sulfate

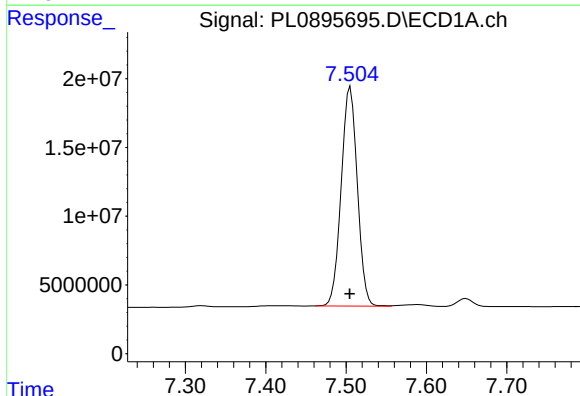
R.T.: 7.170 min  
Delta R.T.: 0.006 min  
Response: 68124  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



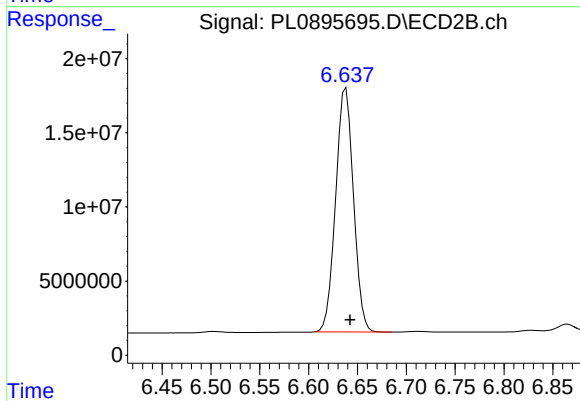
#19 Endosulfan Sulfate

R.T.: 6.375 min  
Delta R.T.: 0.011 min  
Response: 19669  
Conc: 0.01 ng/ml



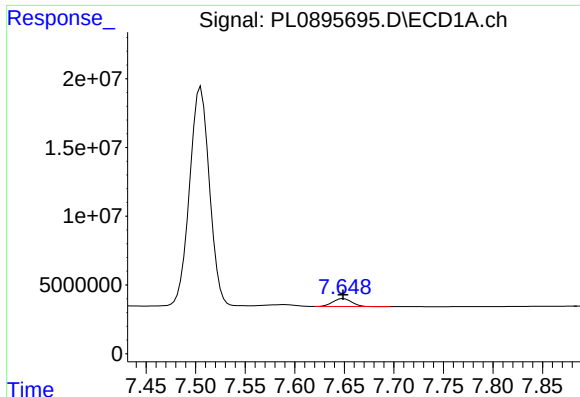
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.000 min  
Response: 222275359  
Conc: 226.03 ng/ml



#20 Methoxychlor

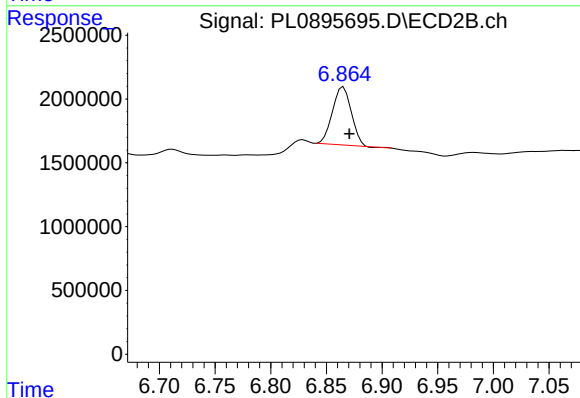
R.T.: 6.638 min  
Delta R.T.: -0.004 min  
Response: 209390637  
Conc: 261.87 ng/ml



#21 Endrin ketone

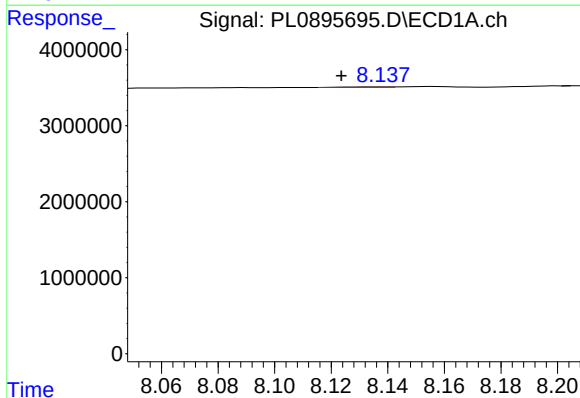
R.T.: 7.649 min  
Delta R.T.: 0.000 min  
Response: 7816956  
Conc: 3.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



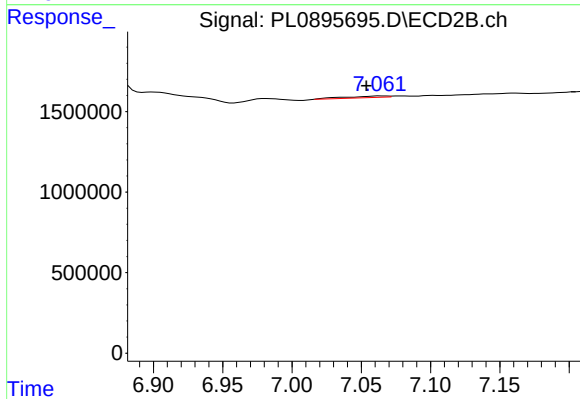
#21 Endrin ketone

R.T.: 6.865 min  
Delta R.T.: -0.005 min  
Response: 5330930  
Conc: 3.33 ng/ml



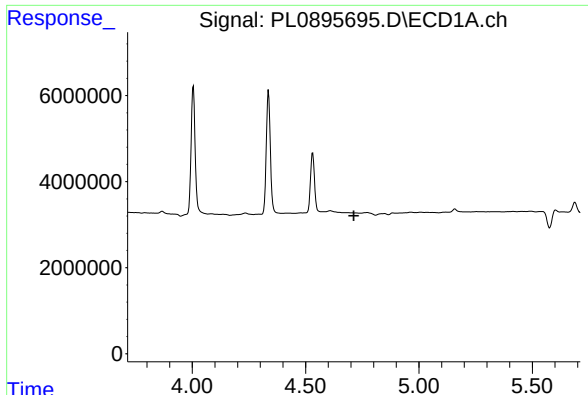
#22 Mirex

R.T.: 8.138 min  
Delta R.T.: 0.015 min  
Response: 79237  
Conc: 0.05 ng/ml



#22 Mirex

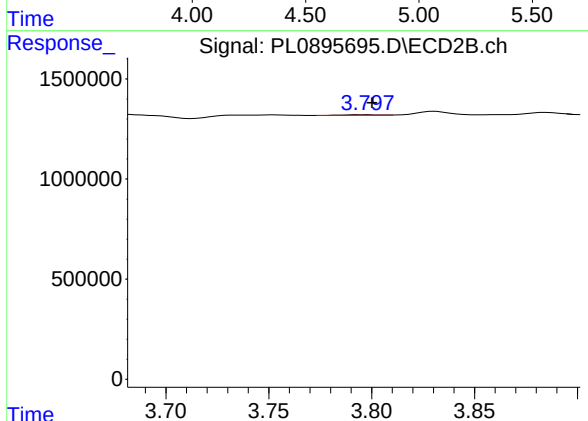
R.T.: 7.064 min  
Delta R.T.: 0.010 min  
Response: 217375  
Conc: 0.16 ng/ml



#23 Chlordane-1

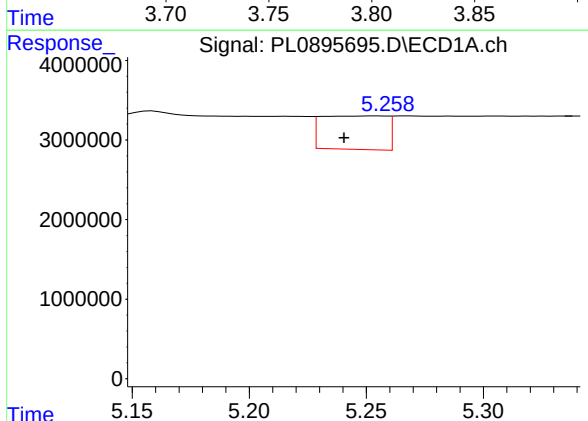
R.T.: 4.723 min  
Delta R.T.: 0.011 min  
Response: -1419  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



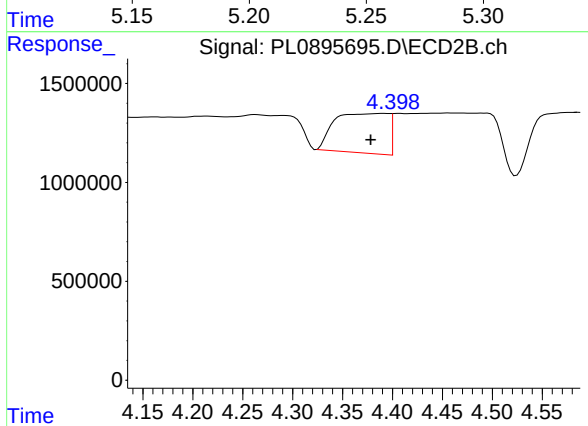
#23 Chlordane-1

R.T.: 3.798 min  
Delta R.T.: -0.003 min  
Response: 40297  
Conc: 0.82 ng/ml



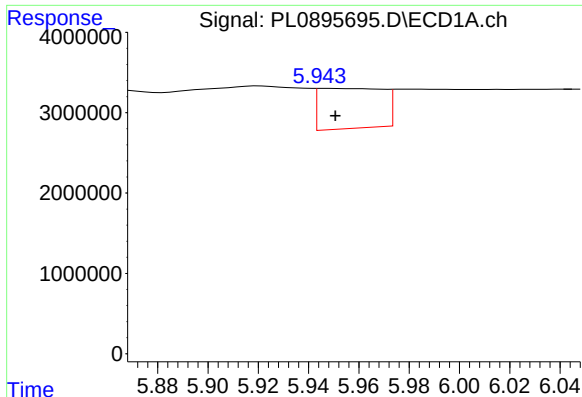
#24 Chlordane-2

R.T.: 5.255 min  
Delta R.T.: 0.014 min  
Response: 8142032  
Conc: 77.47 ng/ml



#24 Chlordane-2

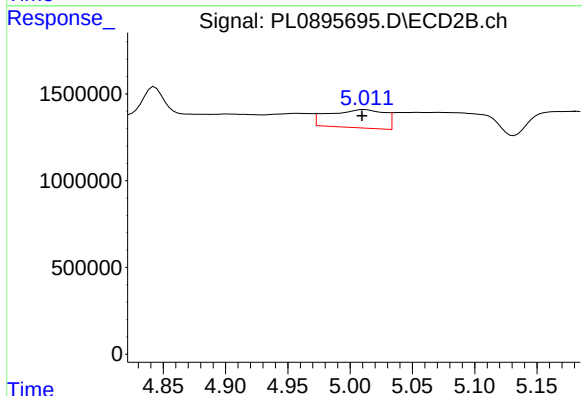
R.T.: 4.391 min  
Delta R.T.: 0.012 min  
Response: 7467406  
Conc: 117.38 ng/ml



#25 Chlordane-3

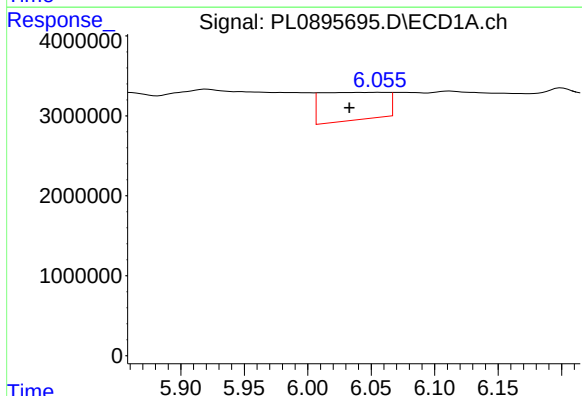
R.T.: 5.947 min  
Delta R.T.: -0.004 min  
Response: 8901453  
Conc: 26.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



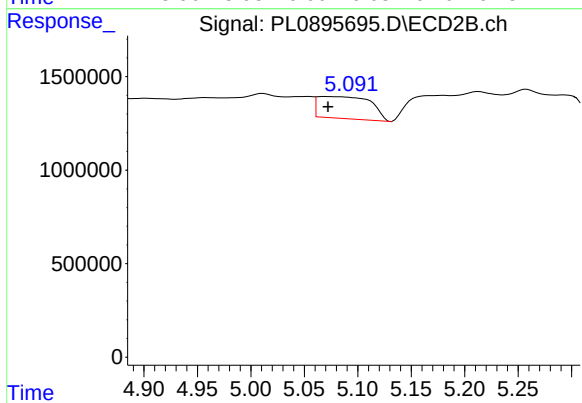
#25 Chlordane-3

R.T.: 5.012 min  
Delta R.T.: 0.002 min  
Response: 3265164  
Conc: 19.07 ng/ml



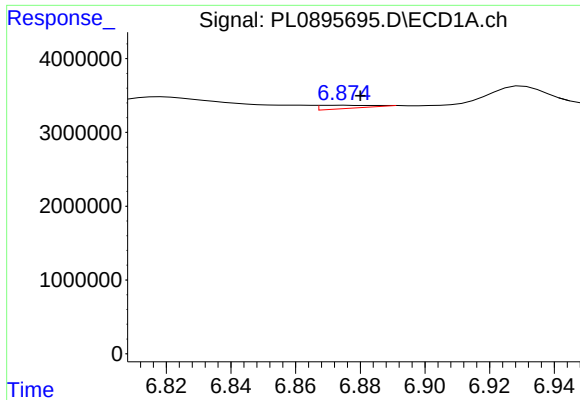
#26 Chlordane-4

R.T.: 6.057 min  
Delta R.T.: 0.024 min  
Response: 12430573  
Conc: 30.50 ng/ml



#26 Chlordane-4

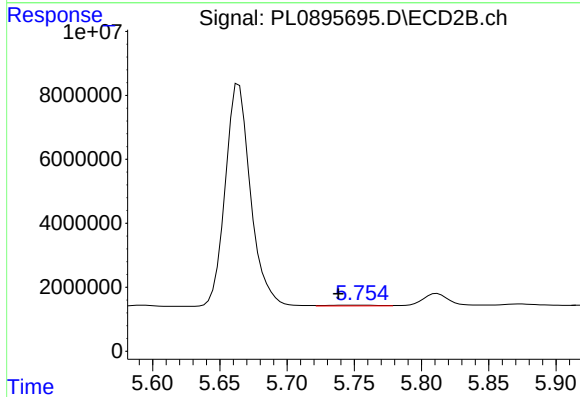
R.T.: 5.070 min  
Delta R.T.: -0.003 min  
Response: 4058825  
Conc: 25.23 ng/ml



#27 Chlordane-5

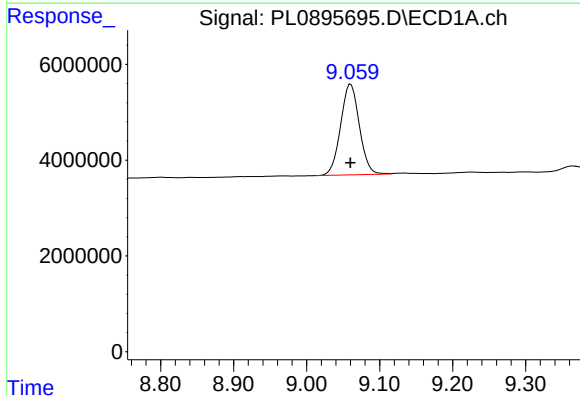
R.T.: 6.875 min  
Delta R.T.: -0.005 min  
Response: 561515  
Conc: 6.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



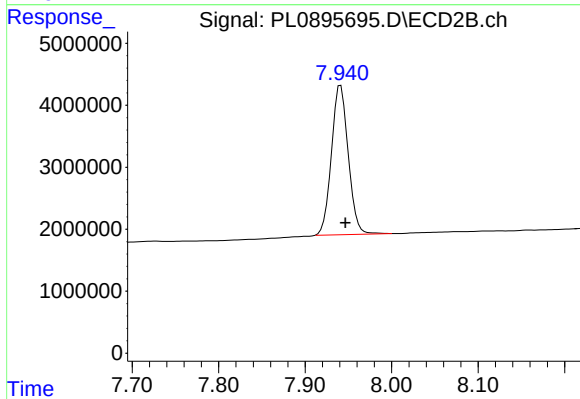
#27 Chlordane-5

R.T.: 5.755 min  
Delta R.T.: 0.016 min  
Response: 577205  
Conc: 11.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.000 min  
Response: 33764755  
Conc: 24.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.941 min  
Delta R.T.: -0.005 min  
Response: 32434992  
Conc: 24.11 ng/ml