

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040425\  
 Data File : PL095053.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Apr 2025 14:08  
 Operator : AR\AJ  
 Sample : Q1721-02MS 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 04 22:32:27 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... | 3.534  | 2.768 | 3965895  | 6432099  | 1.401   | 1.802 #  |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.990  | 3.269 | 20456339 | 24864707 | 4.926   | 4.612    |
| 3)                          | MA gamma-BHC... | 4.322  | 3.598 | 19579467 | 23938569 | 4.907   | 4.658    |
| 4)                          | MA Heptachlor   | 4.909  | 3.936 | 16440953 | 19991340 | 4.236   | 3.794    |
| 5)                          | MB Aldrin       | 5.250  | 4.215 | 19283597 | 22303020 | 5.223   | 4.574    |
| 6)                          | B beta-BHC      | 4.522  | 3.899 | 10318803 | 11894065 | 5.592   | 5.355    |
| 7)                          | B delta-BHC     | 4.767  | 4.127 | 20120894 | 21191189 | 5.167   | 4.237    |
| 8)                          | B Heptachlo...  | 5.677  | 4.717 | 16690619 | 21202065 | 4.989   | 4.631    |
| 9)                          | A Endosulfan I  | 6.062  | 5.086 | 15796000 | 21319404 | 5.145   | 4.858    |
| 10)                         | B gamma-Chl...  | 5.933  | 4.966 | 18090614 | 24623847 | 5.369   | 5.100    |
| 11)                         | B alpha-Chl...  | 6.012  | 5.030 | 17285800 | 23645996 | 5.243   | 4.954    |
| 12)                         | B 4,4'-DDE      | 6.186  | 5.219 | 16488791 | 22582209 | 5.605   | 4.858    |
| 13)                         | MA Dieldrin     | 6.337  | 5.350 | 17149937 | 22210855 | 5.362   | 4.578    |
| 14)                         | MA Endrin       | 6.567  | 5.625 | 13536092 | 18957878 | 4.883   | 4.345    |
| 15)                         | B Endosulfa...  | 6.788  | 5.921 | 14110662 | 18121113 | 5.198   | 4.187    |
| 16)                         | A 4,4'-DDD      | 6.703  | 5.773 | 13398330 | 16618138 | 6.186   | 4.621 #  |
| 17)                         | MA 4,4'-DDT     | 7.016  | 6.023 | 9765863  | 11456974 | 4.106   | 2.841 #  |
| 18)                         | B Endrin al...  | 6.917  | 6.099 | 7544007  | 9866249  | 3.574   | 2.932    |
| 19)                         | B Endosulfa...  | 7.152  | 6.322 | 12675380 | 15887162 | 5.212   | 3.900 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.598 | 0        | 6976423  | N.D.    | 3.289 #  |
| 21)                         | B Endrin ke...  | 7.637  | 6.827 | 14579948 | 20555332 | 5.516   | 4.307    |
| 22)                         | Mirex           | 8.109  | 7.006 | 10428335 | 16264892 | 5.047   | 4.286    |
| 24)                         | Chlordane-2     | 5.250f | 0.000 | 19283597 | 0        | 127.448 | N.D. #   |
| 25)                         | Chlordane-3     | 5.933  | 4.966 | 18090614 | 24623847 | 36.194  | 46.286 # |
| 26)                         | Chlordane-4     | 6.012  | 5.030 | 17285800 | 23645996 | 29.343  | 45.424 # |
| 27)                         | Chlordane-5     | 0.000  | 5.921 | 0        | 18121113 | N.D.    | 94.461 # |
| -----                       |                 |        |       |          |          |         |          |

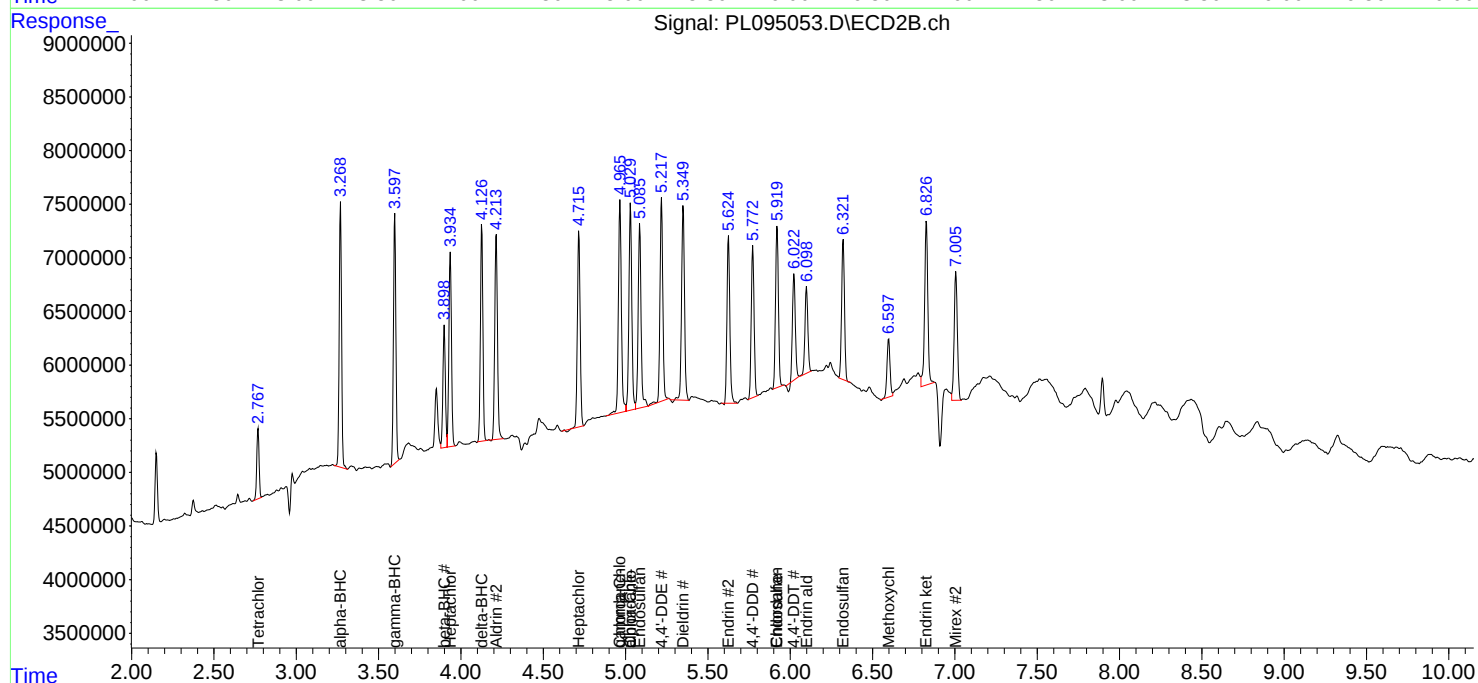
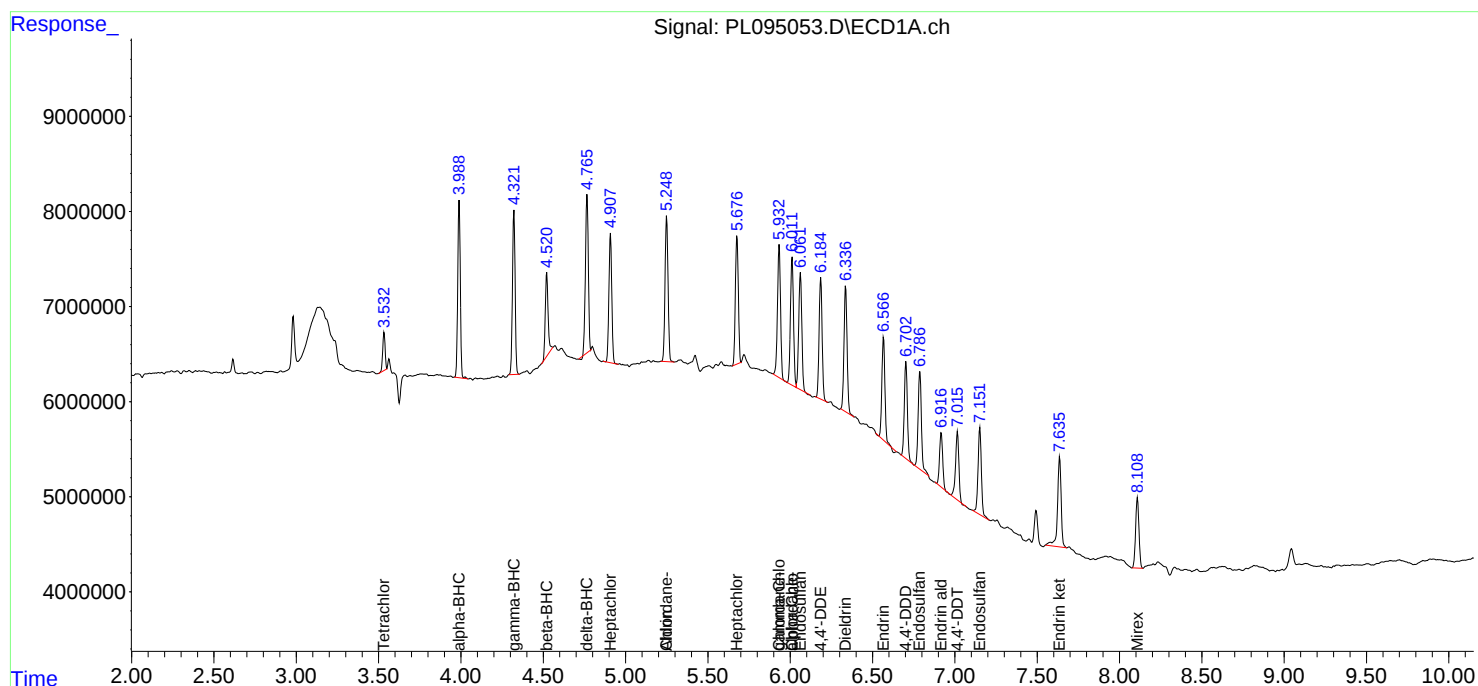
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

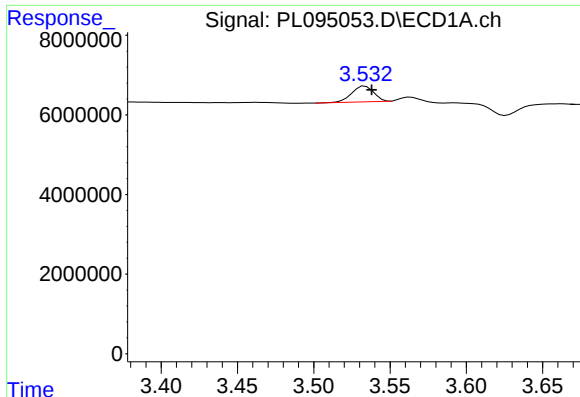
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040425\  
Data File : PL095053.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Apr 2025 14:08  
Operator : AR\AJ  
Sample : Q1721-02MS 10X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 04 22:32:27 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

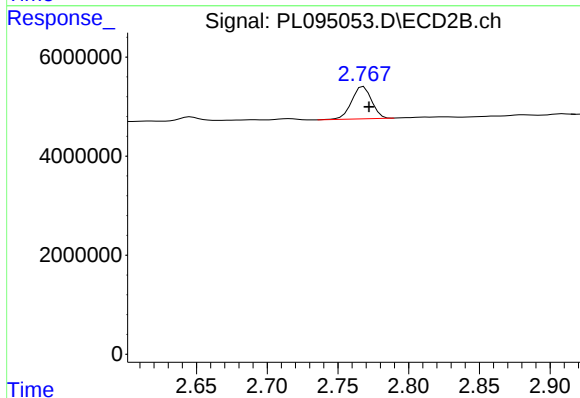




#1 Tetrachloro-m-xylene

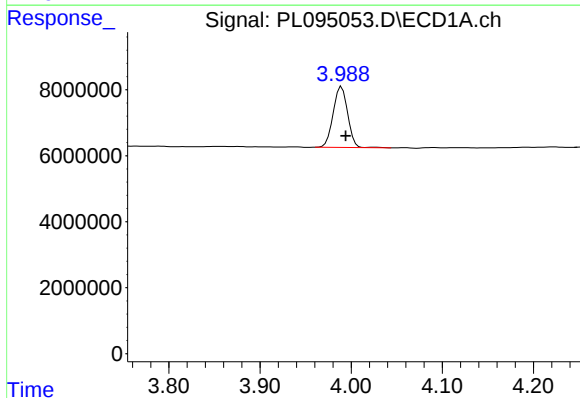
R.T.: 3.534 min  
Delta R.T.: -0.004 min  
Response: 3965895  
Conc: 1.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



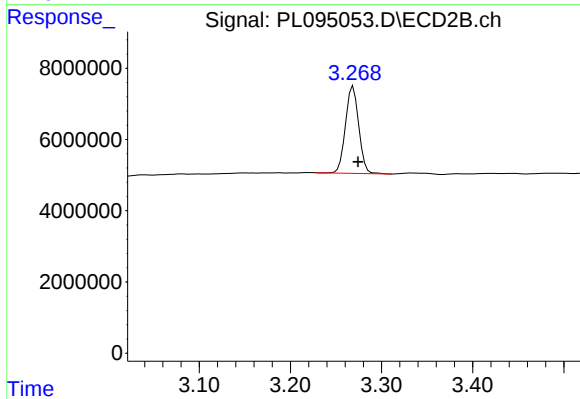
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: -0.004 min  
Response: 6432099  
Conc: 1.80 ng/ml



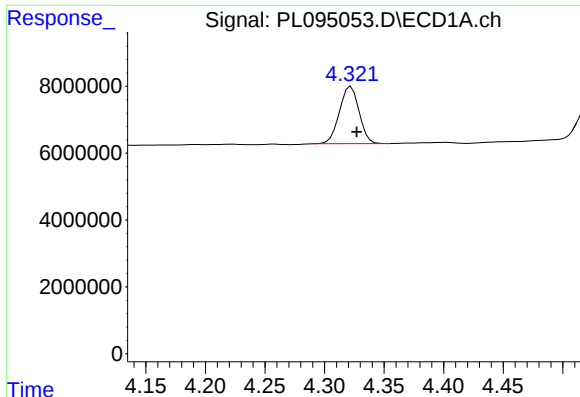
#2 alpha-BHC

R.T.: 3.990 min  
Delta R.T.: -0.005 min  
Response: 20456339  
Conc: 4.93 ng/ml



#2 alpha-BHC

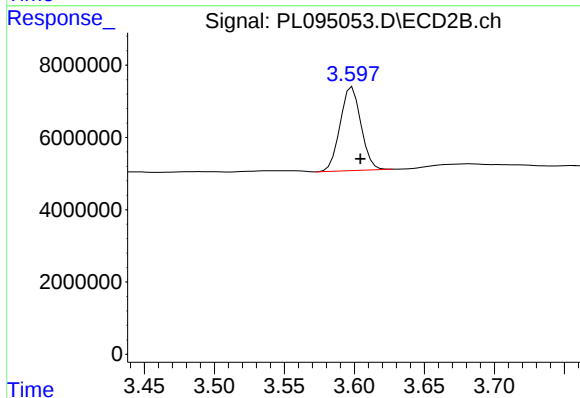
R.T.: 3.269 min  
Delta R.T.: -0.005 min  
Response: 24864707  
Conc: 4.61 ng/ml



#3 gamma-BHC (Lindane)

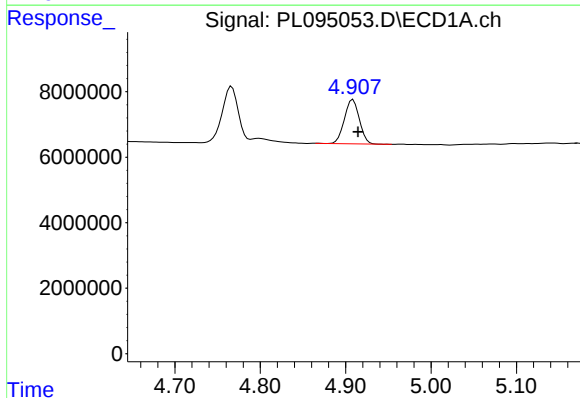
R.T.: 4.322 min  
Delta R.T.: -0.005 min  
Response: 19579467  
Conc: 4.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



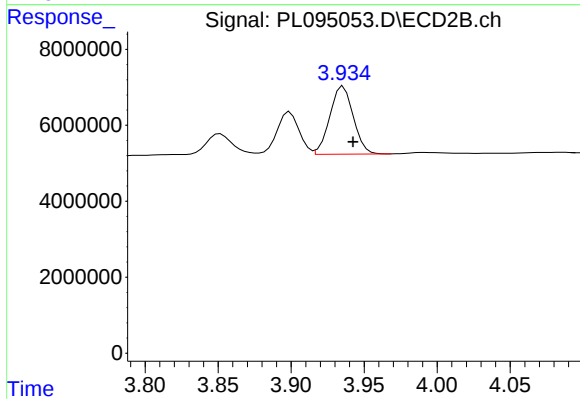
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: -0.006 min  
Response: 23938569  
Conc: 4.66 ng/ml



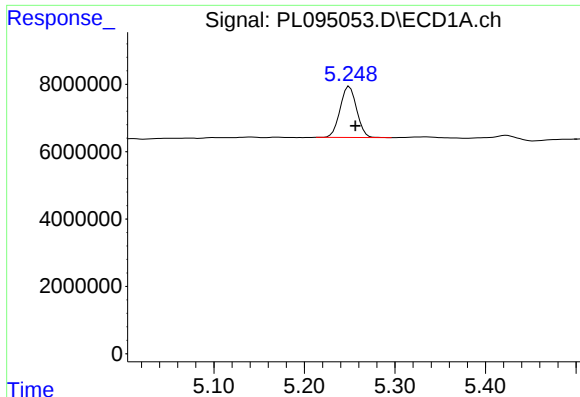
#4 Heptachlor

R.T.: 4.909 min  
Delta R.T.: -0.006 min  
Response: 16440953  
Conc: 4.24 ng/ml



#4 Heptachlor

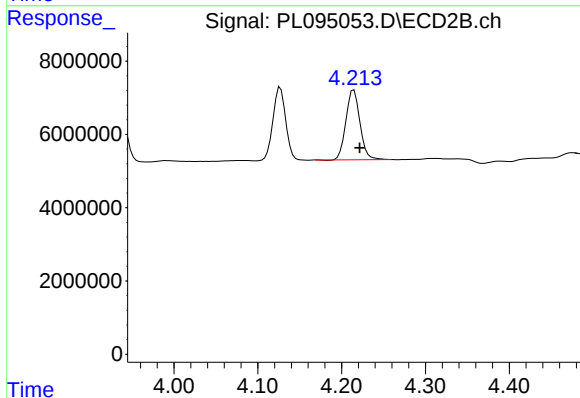
R.T.: 3.936 min  
Delta R.T.: -0.007 min  
Response: 19991340  
Conc: 3.79 ng/ml



#5 Aldrin

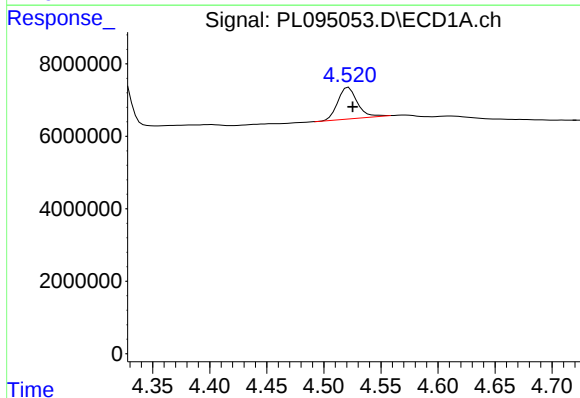
R.T.: 5.250 min  
Delta R.T.: -0.007 min  
Response: 19283597  
Conc: 5.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



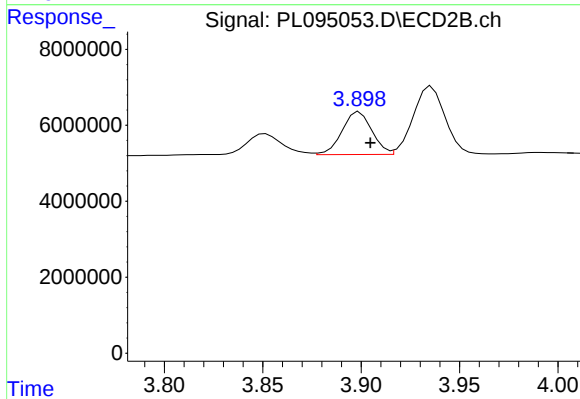
#5 Aldrin

R.T.: 4.215 min  
Delta R.T.: -0.007 min  
Response: 22303020  
Conc: 4.57 ng/ml



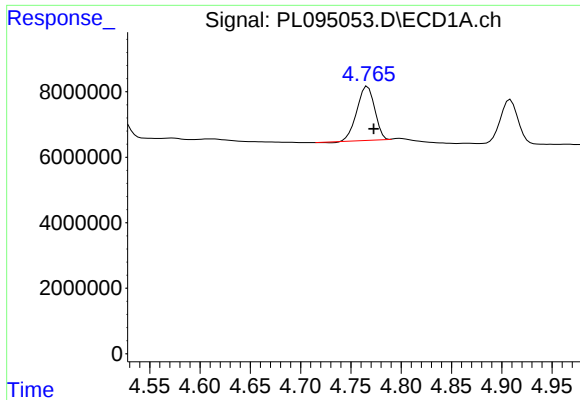
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: -0.004 min  
Response: 10318803  
Conc: 5.59 ng/ml



#6 beta-BHC

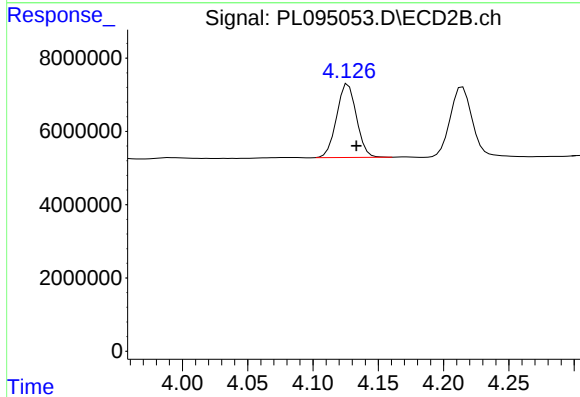
R.T.: 3.899 min  
Delta R.T.: -0.006 min  
Response: 11894065  
Conc: 5.35 ng/ml



#7 delta-BHC

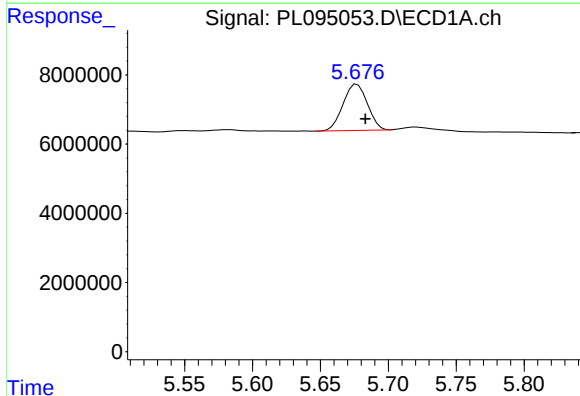
R.T.: 4.767 min  
Delta R.T.: -0.006 min  
Response: 20120894  
Conc: 5.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



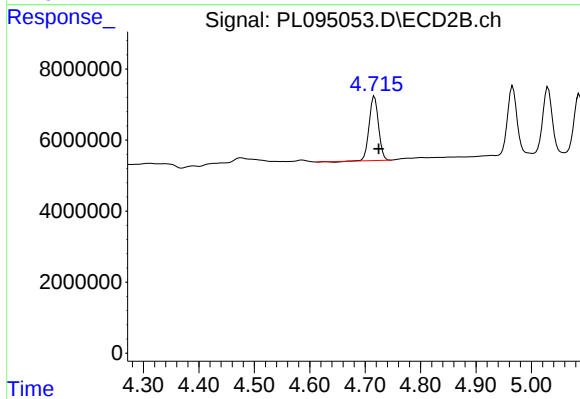
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: -0.006 min  
Response: 21191189  
Conc: 4.24 ng/ml



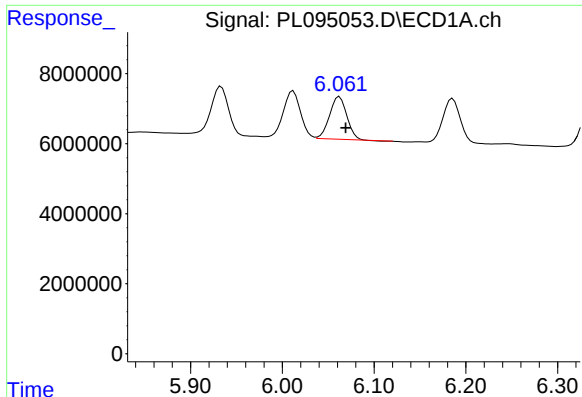
#8 Heptachlor epoxide

R.T.: 5.677 min  
Delta R.T.: -0.006 min  
Response: 16690619  
Conc: 4.99 ng/ml



#8 Heptachlor epoxide

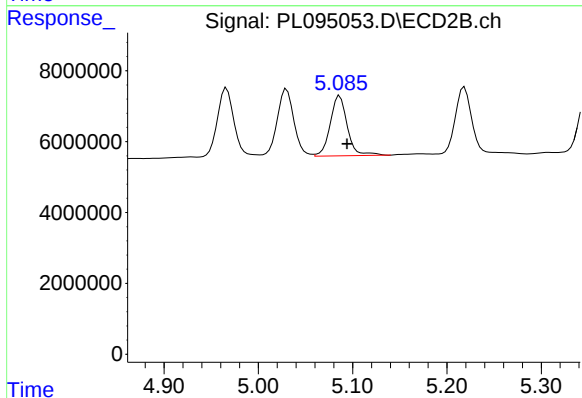
R.T.: 4.717 min  
Delta R.T.: -0.008 min  
Response: 21202065  
Conc: 4.63 ng/ml



#9 Endosulfan I

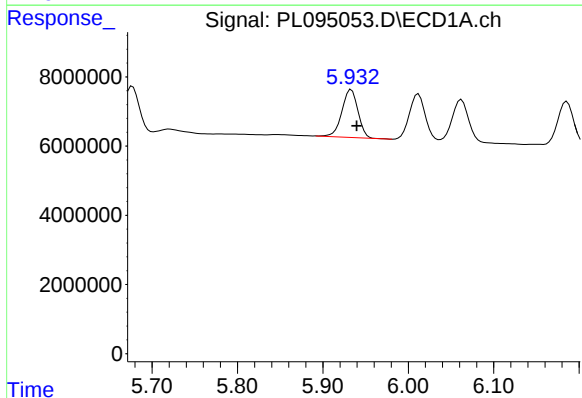
R.T.: 6.062 min  
Delta R.T.: -0.007 min  
Response: 15796000  
Conc: 5.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



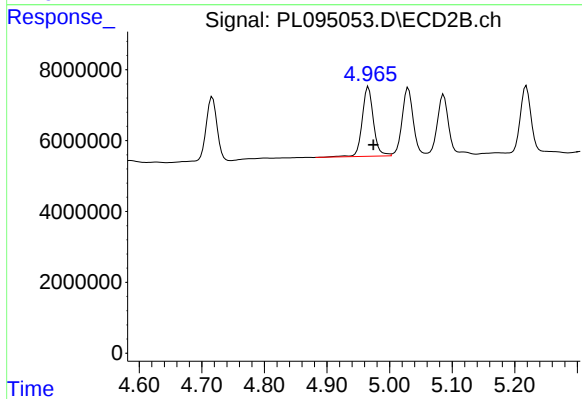
#9 Endosulfan I

R.T.: 5.086 min  
Delta R.T.: -0.008 min  
Response: 21319404  
Conc: 4.86 ng/ml



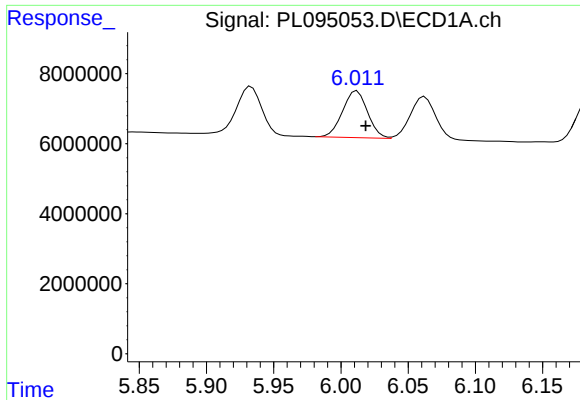
#10 gamma-Chlordane

R.T.: 5.933 min  
Delta R.T.: -0.006 min  
Response: 18090614  
Conc: 5.37 ng/ml



#10 gamma-Chlordane

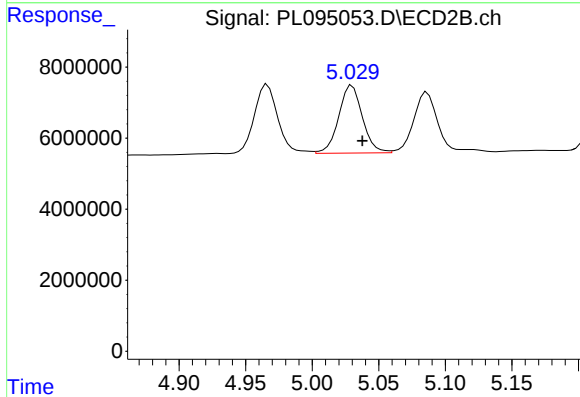
R.T.: 4.966 min  
Delta R.T.: -0.008 min  
Response: 24623847  
Conc: 5.10 ng/ml



#11 alpha-Chlordane

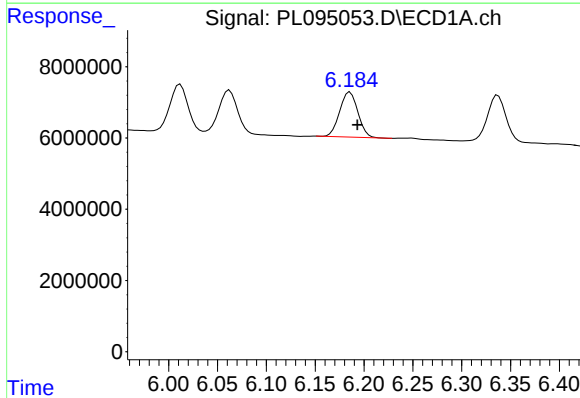
R.T.: 6.012 min  
Delta R.T.: -0.007 min  
Response: 17285800  
Conc: 5.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



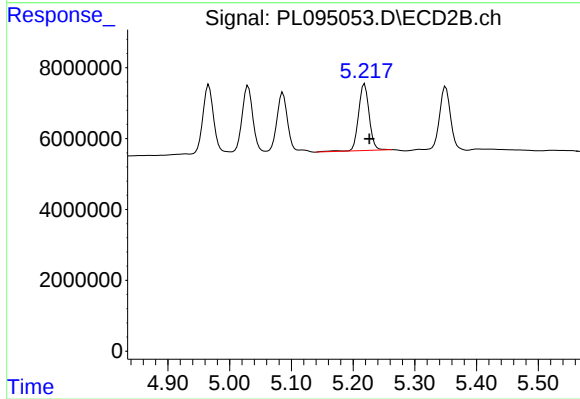
#11 alpha-Chlordane

R.T.: 5.030 min  
Delta R.T.: -0.008 min  
Response: 23645996  
Conc: 4.95 ng/ml



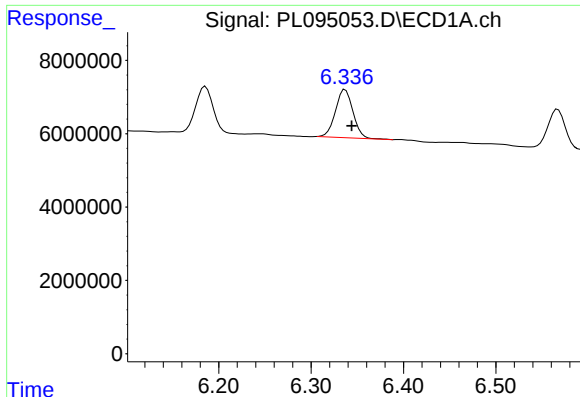
#12 4,4'-DDE

R.T.: 6.186 min  
Delta R.T.: -0.007 min  
Response: 16488791  
Conc: 5.60 ng/ml



#12 4,4'-DDE

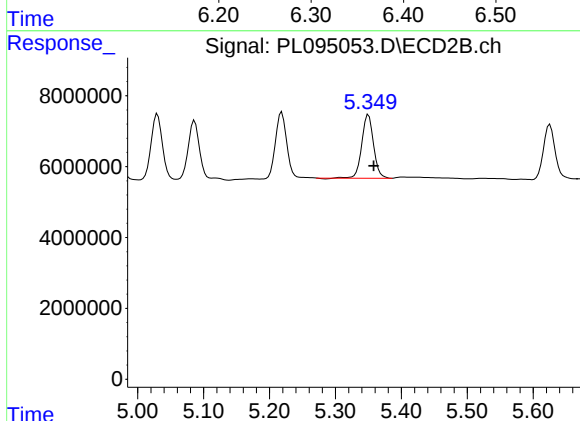
R.T.: 5.219 min  
Delta R.T.: -0.008 min  
Response: 22582209  
Conc: 4.86 ng/ml



#13 Dieldrin

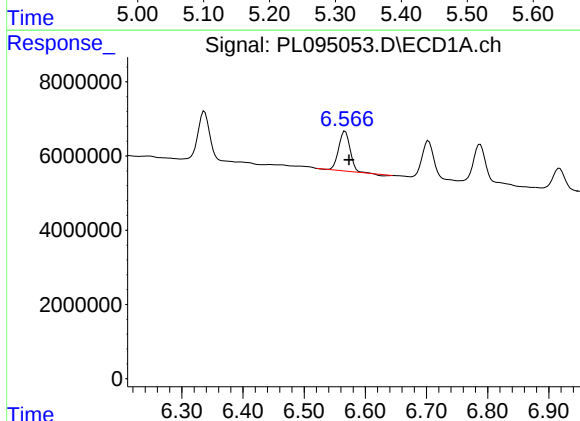
R.T.: 6.337 min  
Delta R.T.: -0.007 min  
Response: 17149937  
Conc: 5.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



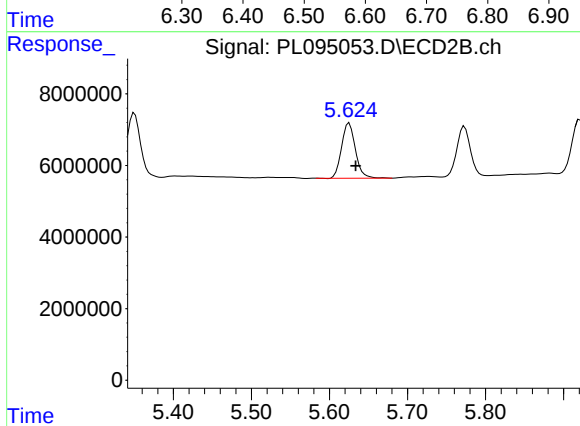
#13 Dieldrin

R.T.: 5.350 min  
Delta R.T.: -0.008 min  
Response: 22210855  
Conc: 4.58 ng/ml



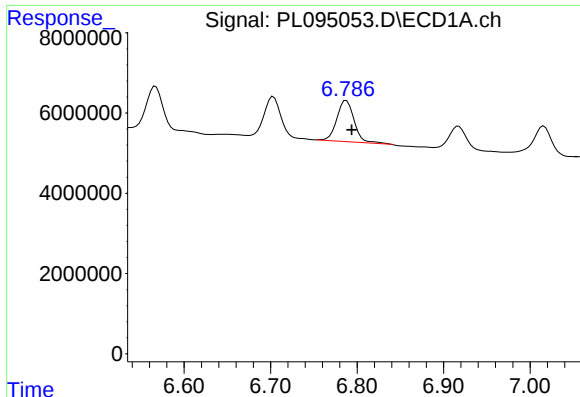
#14 Endrin

R.T.: 6.567 min  
Delta R.T.: -0.007 min  
Response: 13536092  
Conc: 4.88 ng/ml



#14 Endrin

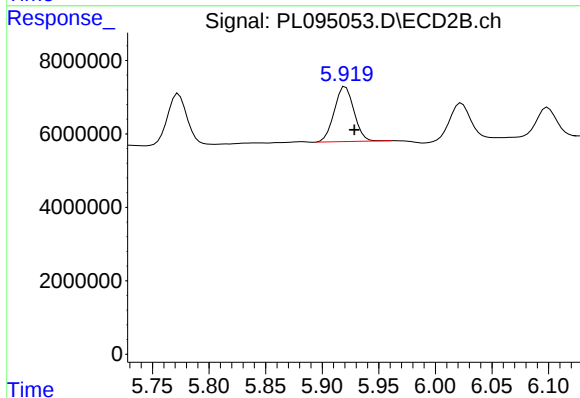
R.T.: 5.625 min  
Delta R.T.: -0.008 min  
Response: 18957878  
Conc: 4.34 ng/ml



#15 Endosulfan II

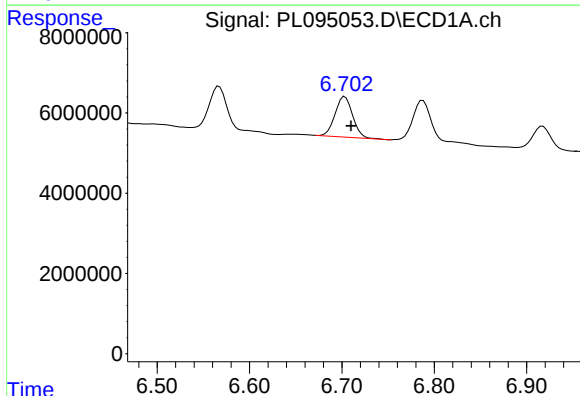
R.T.: 6.788 min  
Delta R.T.: -0.006 min  
Response: 14110662  
Conc: 5.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



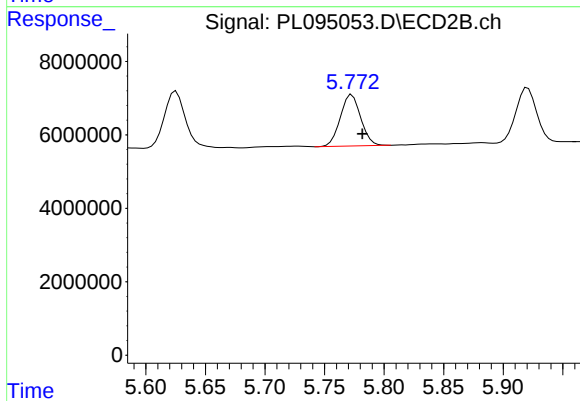
#15 Endosulfan II

R.T.: 5.921 min  
Delta R.T.: -0.008 min  
Response: 18121113  
Conc: 4.19 ng/ml



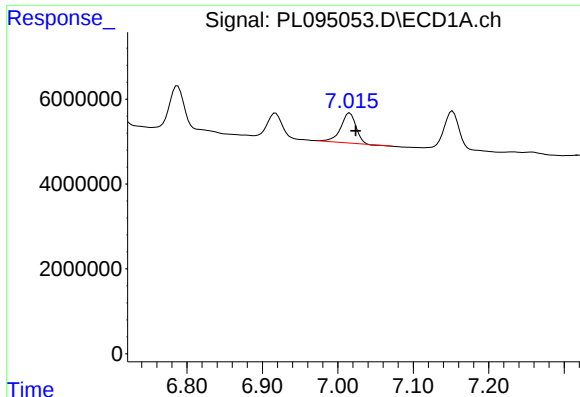
#16 4,4'-DDD

R.T.: 6.703 min  
Delta R.T.: -0.007 min  
Response: 13398330  
Conc: 6.19 ng/ml



#16 4,4'-DDD

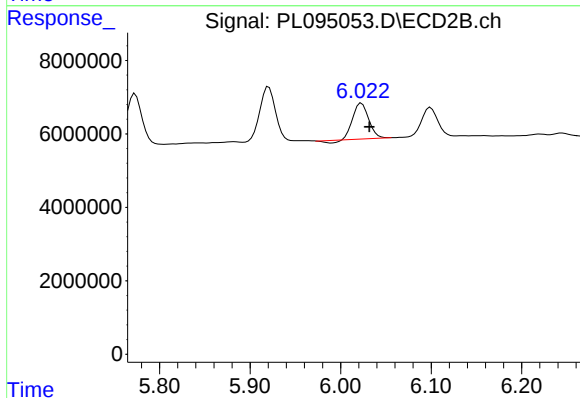
R.T.: 5.773 min  
Delta R.T.: -0.009 min  
Response: 16618138  
Conc: 4.62 ng/ml



#17 4,4'-DDT

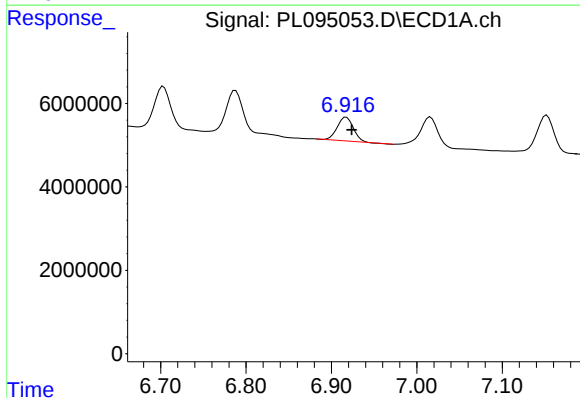
R.T.: 7.016 min  
Delta R.T.: -0.008 min  
Response: 9765863  
Conc: 4.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



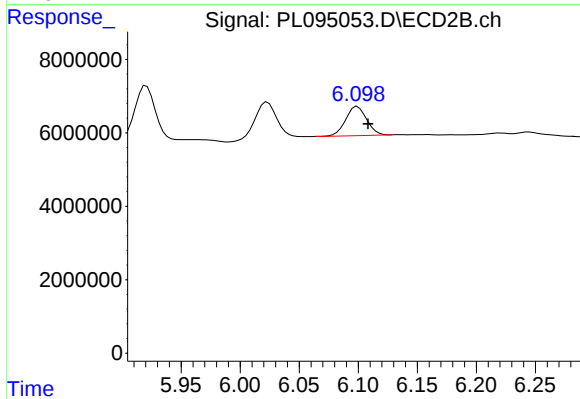
#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: -0.009 min  
Response: 11456974  
Conc: 2.84 ng/ml



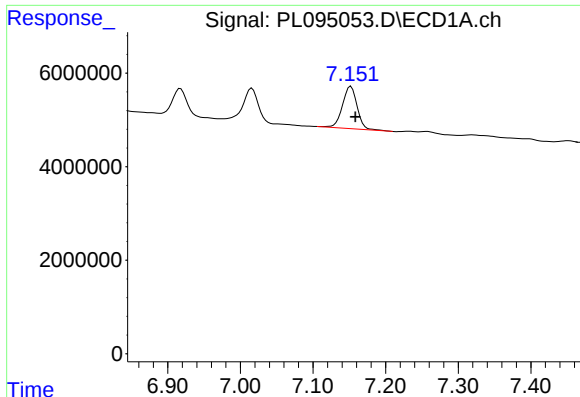
#18 Endrin aldehyde

R.T.: 6.917 min  
Delta R.T.: -0.006 min  
Response: 7544007  
Conc: 3.57 ng/ml



#18 Endrin aldehyde

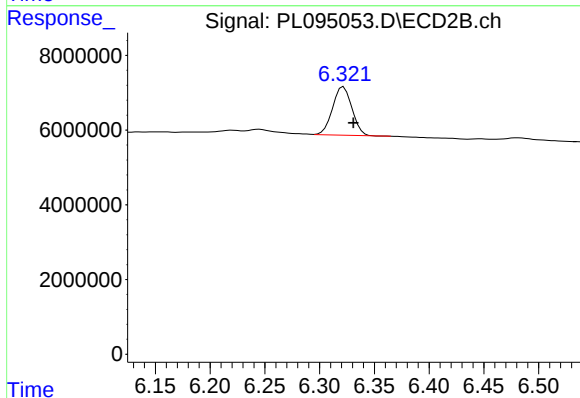
R.T.: 6.099 min  
Delta R.T.: -0.009 min  
Response: 9866249  
Conc: 2.93 ng/ml



#19 Endosulfan Sulfate

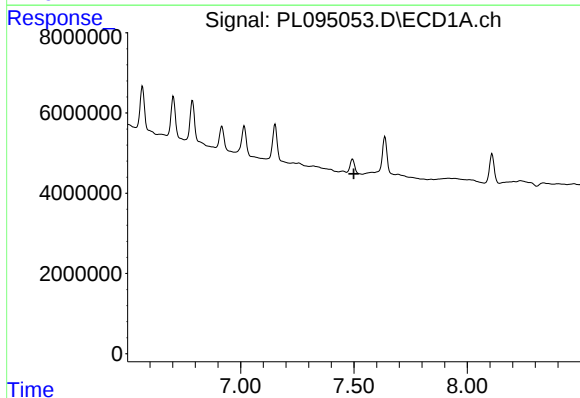
R.T.: 7.152 min  
Delta R.T.: -0.006 min  
Response: 12675380  
Conc: 5.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



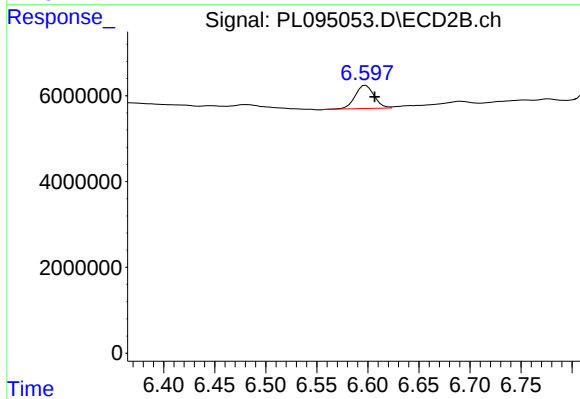
#19 Endosulfan Sulfate

R.T.: 6.322 min  
Delta R.T.: -0.009 min  
Response: 15887162  
Conc: 3.90 ng/ml



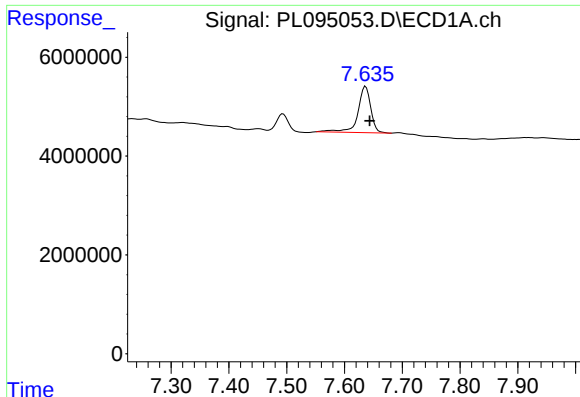
#20 Methoxychlor

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



#20 Methoxychlor

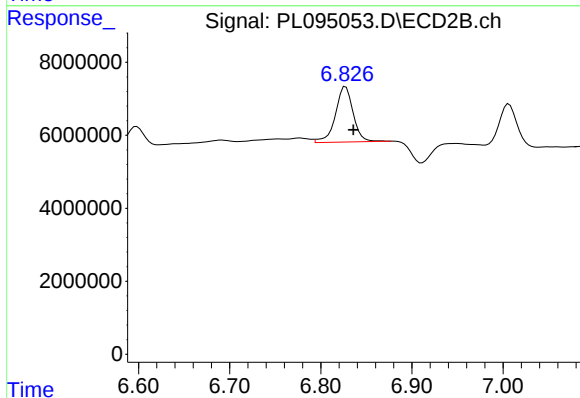
R.T.: 6.598 min  
Delta R.T.: -0.009 min  
Response: 6976423  
Conc: 3.29 ng/ml



#21 Endrin ketone

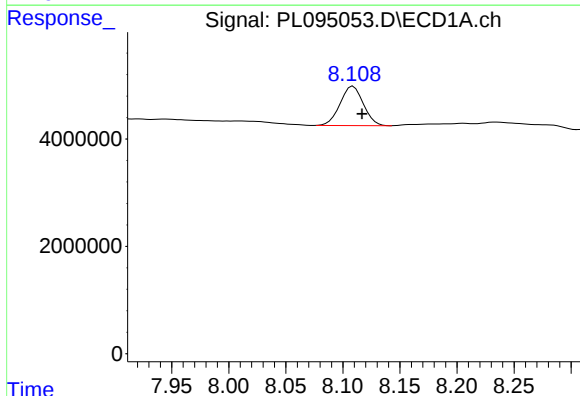
R.T.: 7.637 min  
Delta R.T.: -0.007 min  
Response: 14579948  
Conc: 5.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



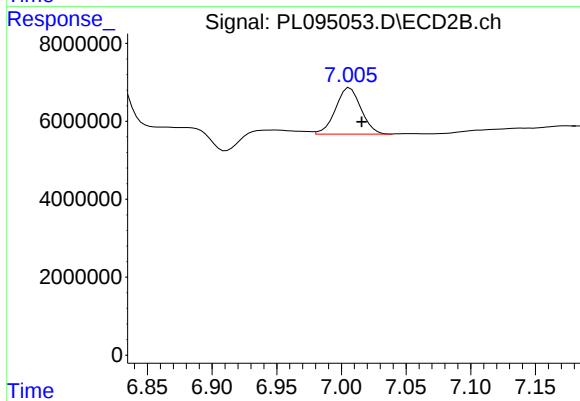
#21 Endrin ketone

R.T.: 6.827 min  
Delta R.T.: -0.009 min  
Response: 20555332  
Conc: 4.31 ng/ml



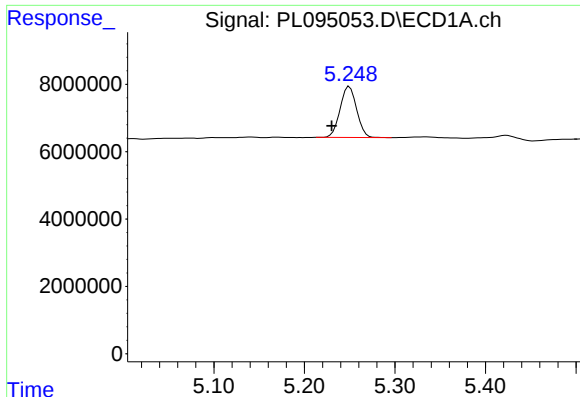
#22 Mirex

R.T.: 8.109 min  
Delta R.T.: -0.008 min  
Response: 10428335  
Conc: 5.05 ng/ml



#22 Mirex

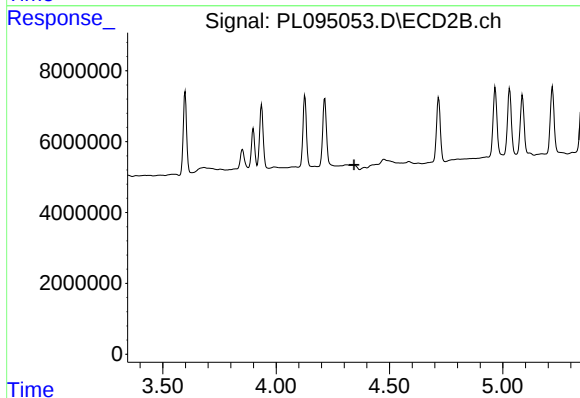
R.T.: 7.006 min  
Delta R.T.: -0.009 min  
Response: 16264892  
Conc: 4.29 ng/ml



#24 Chlordane-2

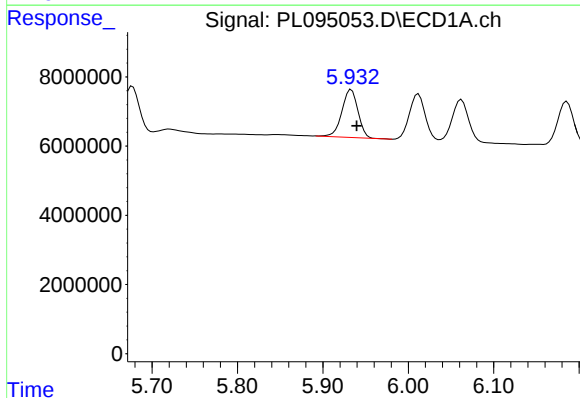
R.T.: 5.250 min  
Delta R.T.: 0.019 min  
Response: 19283597  
Conc: 127.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



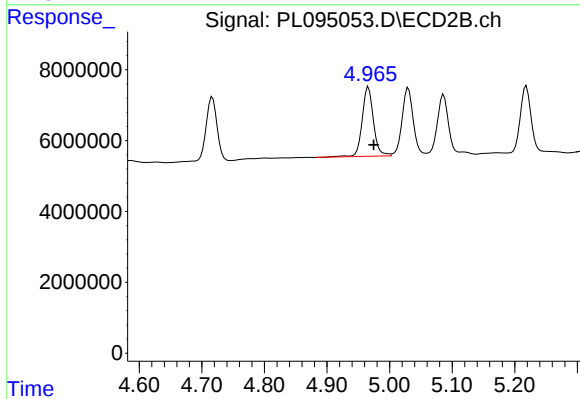
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



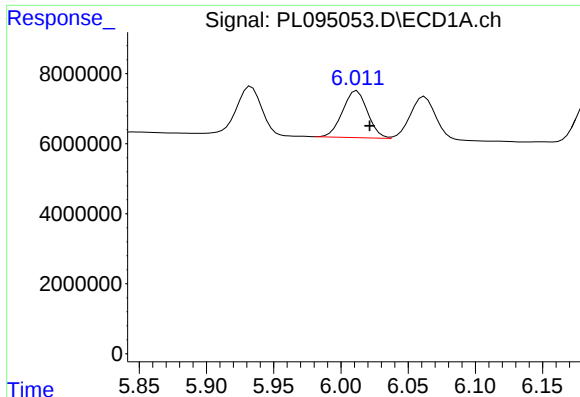
#25 Chlordane-3

R.T.: 5.933 min  
Delta R.T.: -0.006 min  
Response: 18090614  
Conc: 36.19 ng/ml



#25 Chlordane-3

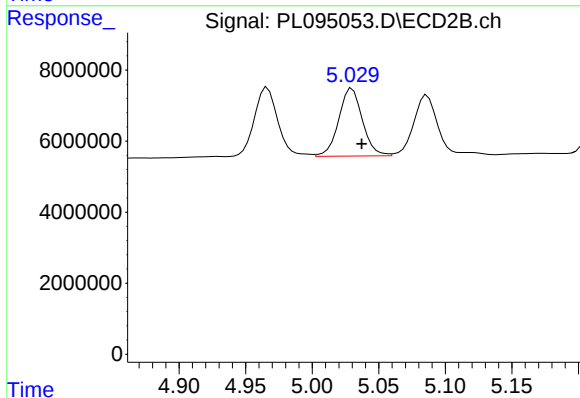
R.T.: 4.966 min  
Delta R.T.: -0.009 min  
Response: 24623847  
Conc: 46.29 ng/ml



#26 Chlordane-4

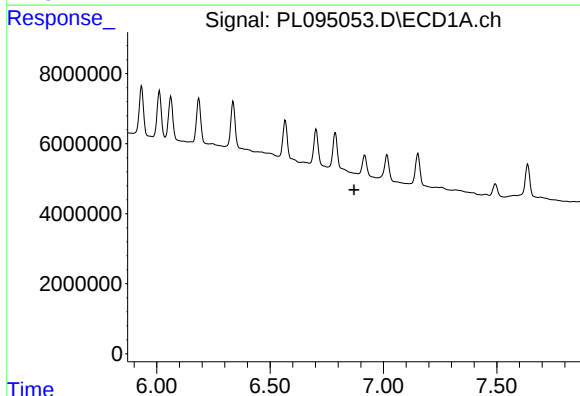
R.T.: 6.012 min  
Delta R.T.: -0.010 min  
Response: 17285800  
Conc: 29.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



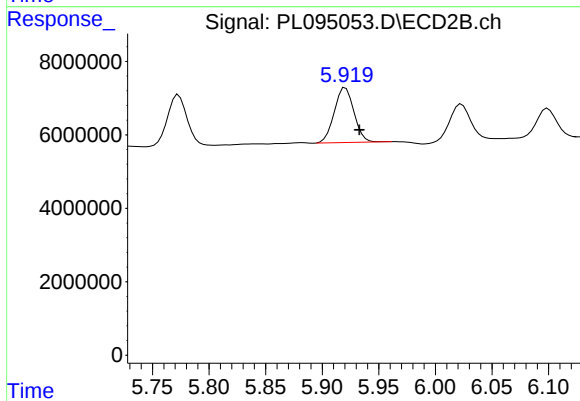
#26 Chlordane-4

R.T.: 5.030 min  
Delta R.T.: -0.007 min  
Response: 23645996  
Conc: 45.42 ng/ml



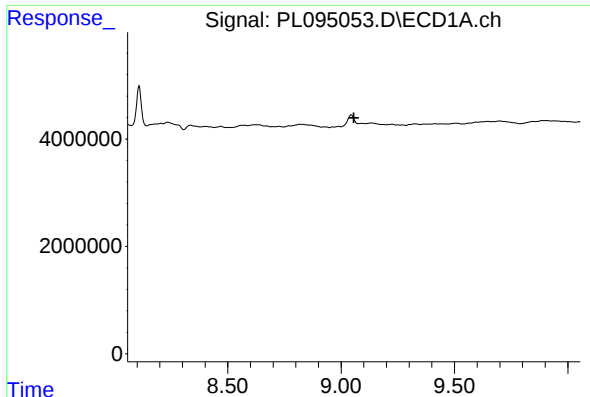
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

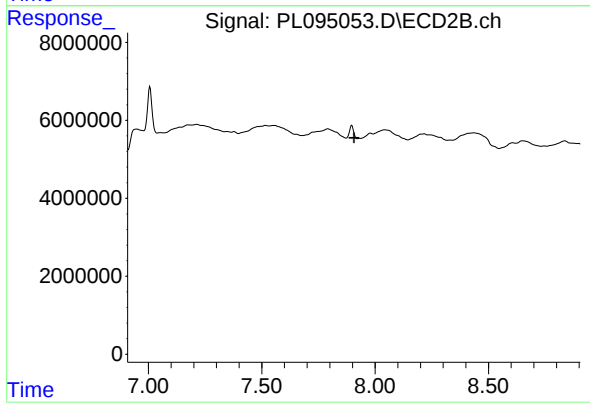
R.T.: 5.921 min  
Delta R.T.: -0.012 min  
Response: 18121113  
Conc: 94.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.056 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 7.907 min  
Response: 0  
Conc: N.D.