

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041122\  
 Data File : PL073954.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Apr 2022 19:50  
 Operator : AR\AJ  
 Sample : N2155-02  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 02:09:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 08 15:48:40 2022  
 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... | 4.638  | 5.491  | 3787696 | 16792660 | 11.723 | 9.418    |
| 2)                          | SA Decachlor... | 10.410 | 11.331 | 5189032 | 26009010 | 9.978  | 14.725 # |
| Target Compounds            |                 |        |        |         |          |        |          |
| 2)                          | A alpha-BHC     | 5.372f | 6.066  | 28138   | 59814    | 0.067  | 0.024 #  |
| 3)                          | MA gamma-BHC... | 5.741f | 6.456  | 21449   | 406964   | 0.051  | 0.172 #  |
| 4)                          | MA Heptachlor   | 6.192  | 7.101  | 358697  | 136924   | 0.796  | 0.052 #  |
| 5)                          | MB Aldrin       | 6.501  | 7.444f | 536551  | 4931907  | 1.293  | 2.100 #  |
| 6)                          | B beta-BHC      | 0.000  | 6.678  | 0       | 566371   | N.D.   | 0.503 #  |
| 7)                          | B delta-BHC     | 6.421  | 6.939  | 314952  | 123573   | 0.761  | 0.051 #  |
| 8)                          | B Heptachlo...  | 7.086  | 7.925  | 42874   | 950913   | 0.100  | 0.422 #  |
| 9)                          | A Endosulfan I  | 7.509f | 8.319  | 18089   | 70288    | 0.044  | 0.036    |
| 10)                         | B gamma-Chl...  | 7.346f | 8.195  | 1031386 | 5057914  | 2.352  | 2.268    |
| 11)                         | B alpha-Chl...  | 7.428  | 8.282  | 1335539 | 8466931  | 3.023  | 3.933 #  |
| 12)                         | B 4,4'-DDE      | 7.643  | 8.460  | 1855474 | 10254913 | 5.086  | 5.149    |
| 13)                         | MA Dieldrin     | 7.780  | 8.617  | 361941  | -206563  | 0.843  | N.D. #   |
| 14)                         | MA Endrin       | 8.084f | 8.849  | 223633  | 1907481  | 0.551  | 1.126 #  |
| 15)                         | B Endosulfa...  | 8.376  | 9.067  | 809131  | 208480   | 1.963  | 0.120 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 8.999  | 0       | 3252033  | N.D.   | 2.114 #  |
| 17)                         | MA 4,4'-DDT     | 8.483  | 9.308  | 1209355 | 420807   | 3.272  | 0.237 #  |
| 18)                         | B Endrin al...  | 8.586f | 9.207  | 214068  | 313486   | 0.662  | 0.243 #  |
| 19)                         | B Endosulfa...  | 8.794  | 9.424f | 278948  | 458910   | 0.653  | 0.276 #  |
| 20)                         | A Methoxychlor  | 9.058f | 9.776  | 539013  | 187206   | 2.171  | 0.195 #  |
| 21)                         | B Endrin ke...  | 9.307  | 9.906f | 131606  | 3793528  | 0.269  | 2.192 #  |
| 22)                         | Mirex           | 9.487f | 10.408 | 910294  | 10004158 | 1.952  | 7.263 #  |
| 23)                         | Chlordane-1     | 5.969  | 6.862  | 917135  | 4813503  | 73.627 | 60.319   |
| 24)                         | Chlordane-2     | 6.659  | 7.444  | 1485836 | 4931907  | 85.264 | 59.681 # |
| 25)                         | Chlordane-3     | 7.346f | 8.195  | 1031386 | 5057914  | 23.840 | 14.951 # |
| 26)                         | Chlordane-4     | 7.428  | 8.282  | 1335539 | 8466931  | 28.776 | 21.348 # |
| 27)                         | Chlordane-5     | 8.376  | 9.149  | 809131  | 1300612  | 46.393 | 21.613 # |
| -----                       |                 |        |        |         |          |        |          |

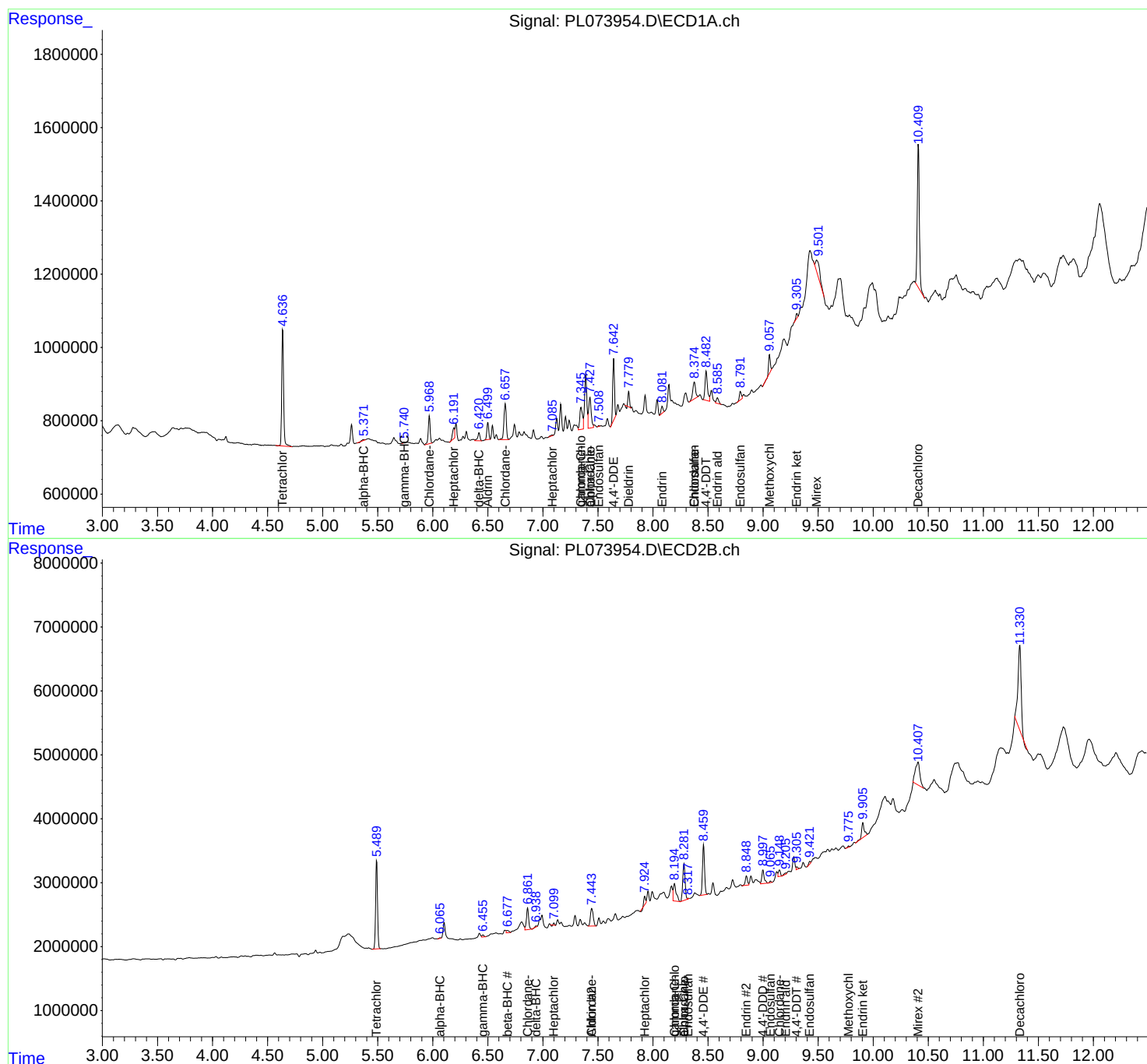
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

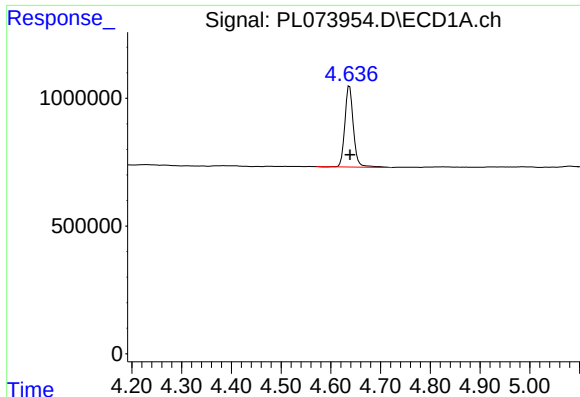
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041122\  
Data File : PL073954.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Apr 2022 19:50  
Operator : AR\AJ  
Sample : N2155-02  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 02:09:38 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 08 15:48:40 2022  
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

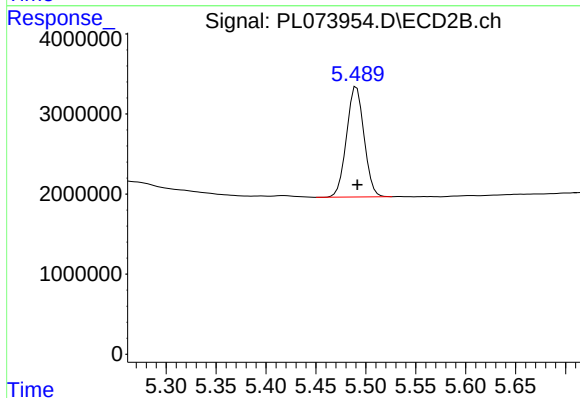




#1 Tetrachloro-m-xylene

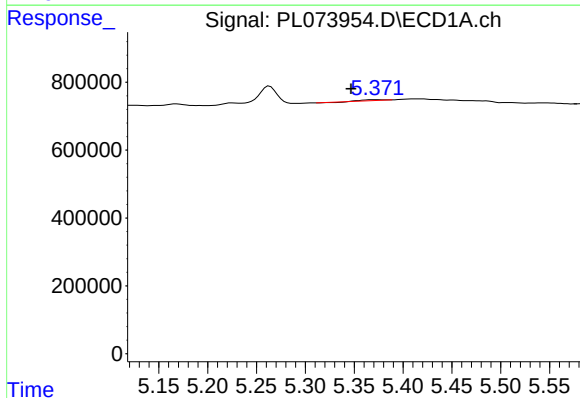
R.T.: 4.638 min  
Delta R.T.: -0.001 min  
Response: 3787696  
Conc: 11.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



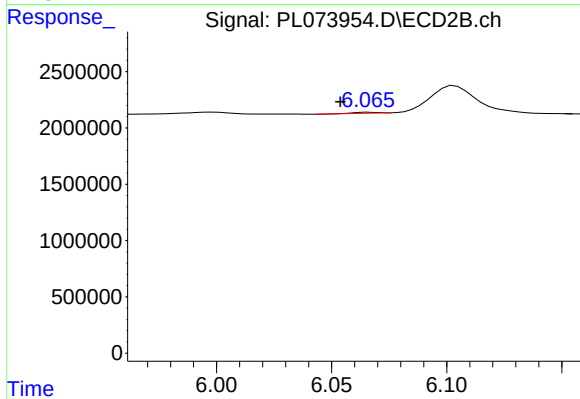
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 16792660  
Conc: 9.42 ng/ml



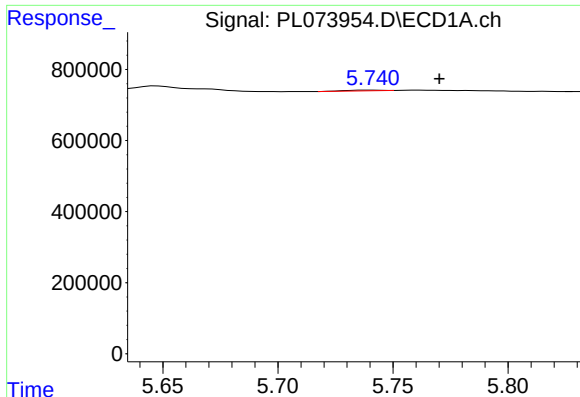
#2 alpha-BHC

R.T.: 5.372 min  
Delta R.T.: 0.025 min  
Response: 28138  
Conc: 0.07 ng/ml



#2 alpha-BHC

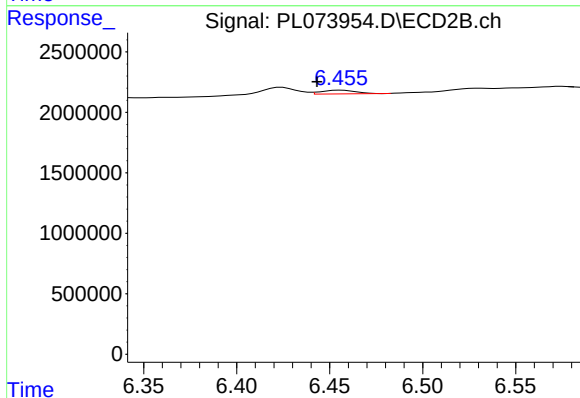
R.T.: 6.066 min  
Delta R.T.: 0.012 min  
Response: 59814  
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

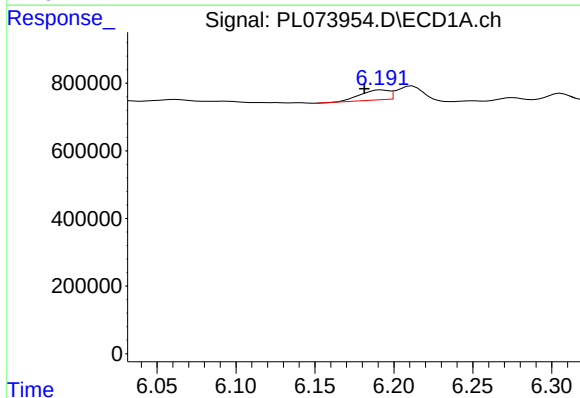
R.T.: 5.741 min  
Delta R.T.: -0.029 min  
Response: 21449  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



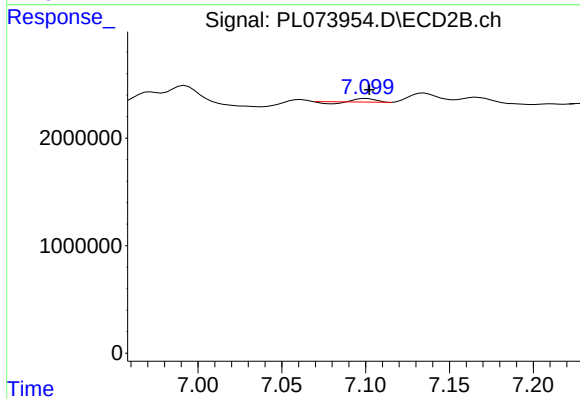
#3 gamma-BHC (Lindane)

R.T.: 6.456 min  
Delta R.T.: 0.013 min  
Response: 406964  
Conc: 0.17 ng/ml



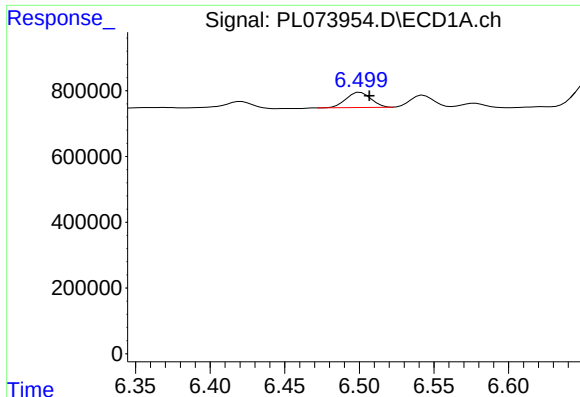
#4 Heptachlor

R.T.: 6.192 min  
Delta R.T.: 0.011 min  
Response: 358697  
Conc: 0.80 ng/ml



#4 Heptachlor

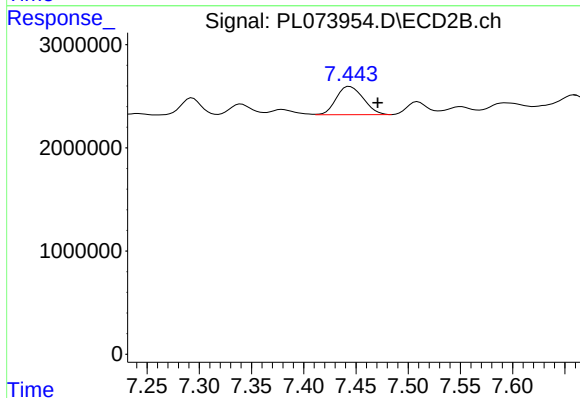
R.T.: 7.101 min  
Delta R.T.: -0.002 min  
Response: 136924  
Conc: 0.05 ng/ml



#5 Aldrin

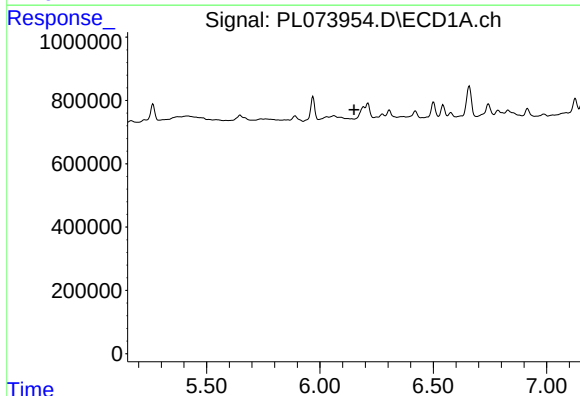
R.T.: 6.501 min  
Delta R.T.: -0.006 min  
Response: 536551  
Conc: 1.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



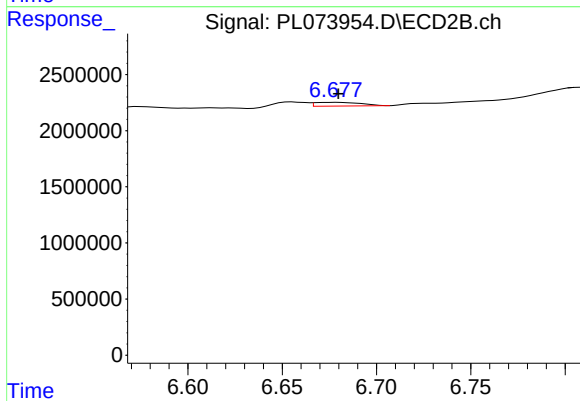
#5 Aldrin

R.T.: 7.444 min  
Delta R.T.: -0.027 min  
Response: 4931907  
Conc: 2.10 ng/ml



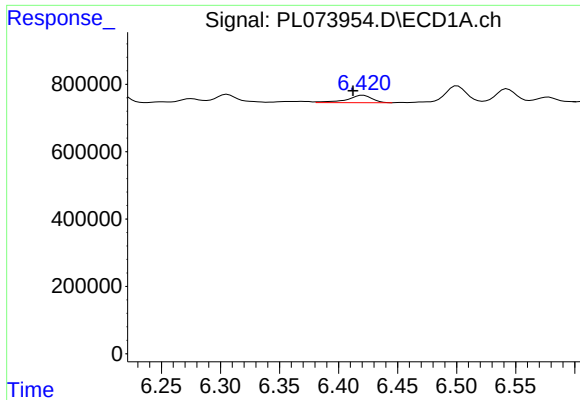
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.151 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

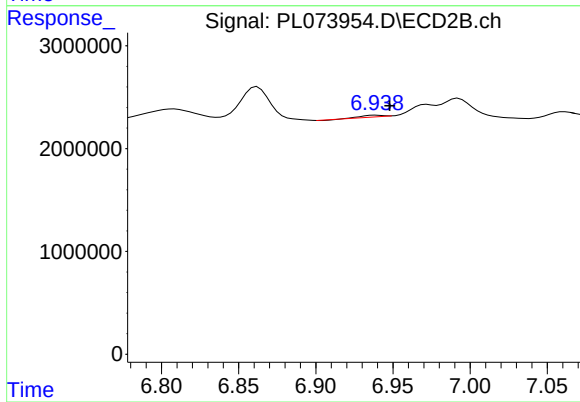
R.T.: 6.678 min  
Delta R.T.: -0.002 min  
Response: 566371  
Conc: 0.50 ng/ml



#7 delta-BHC

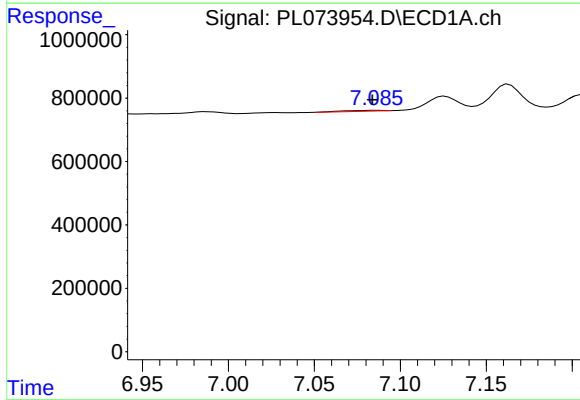
R.T.: 6.421 min  
Delta R.T.: 0.008 min  
Response: 314952  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



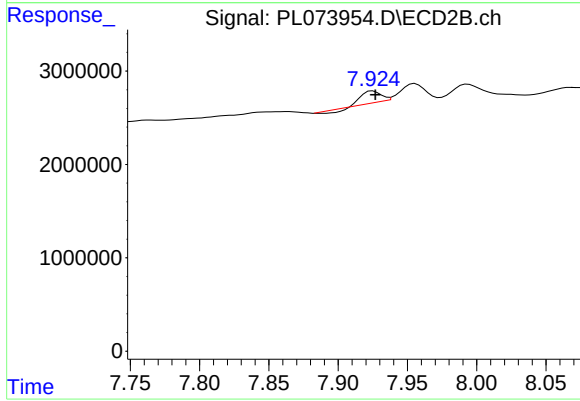
#7 delta-BHC

R.T.: 6.939 min  
Delta R.T.: -0.009 min  
Response: 123573  
Conc: 0.05 ng/ml



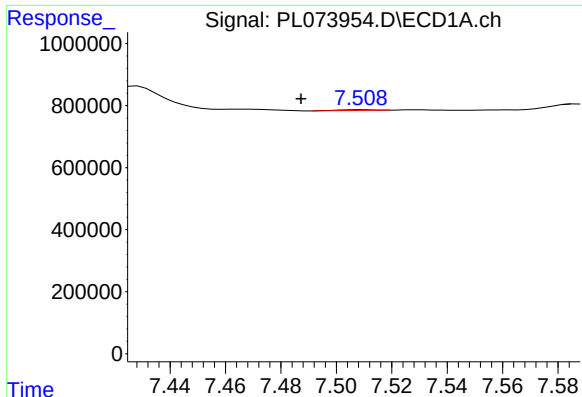
#8 Heptachlor epoxide

R.T.: 7.086 min  
Delta R.T.: 0.002 min  
Response: 42874  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

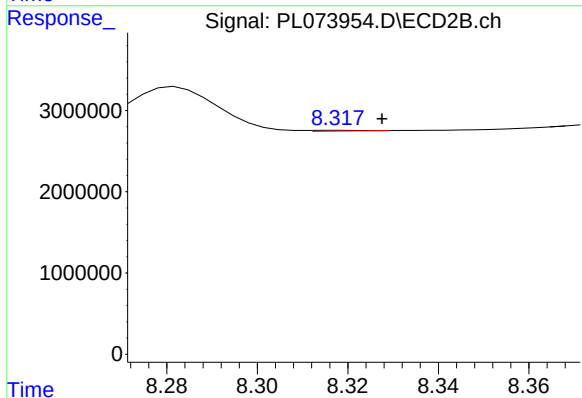
R.T.: 7.925 min  
Delta R.T.: -0.002 min  
Response: 950913  
Conc: 0.42 ng/ml



#9 Endosulfan I

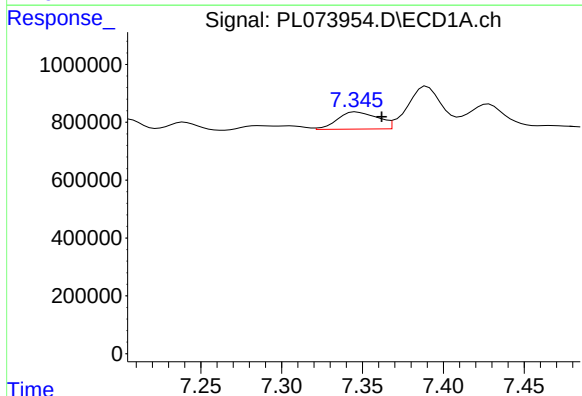
R.T.: 7.509 min  
Delta R.T.: 0.022 min  
Response: 18089  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



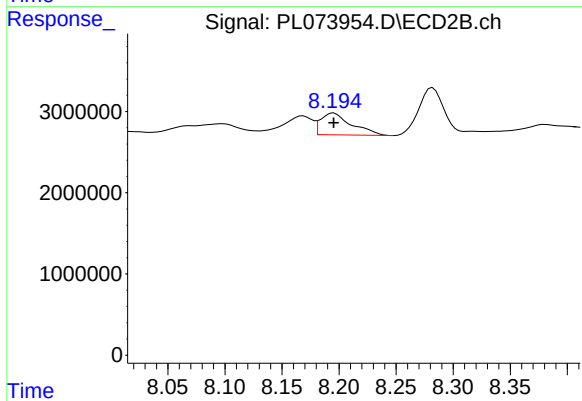
#9 Endosulfan I

R.T.: 8.319 min  
Delta R.T.: -0.009 min  
Response: 70288  
Conc: 0.04 ng/ml



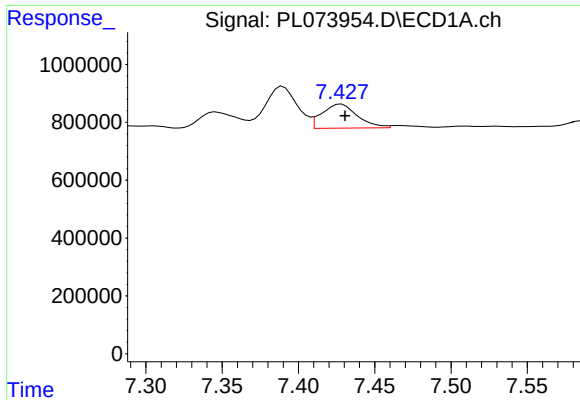
#10 gamma-Chlordane

R.T.: 7.346 min  
Delta R.T.: -0.016 min  
Response: 1031386  
Conc: 2.35 ng/ml



#10 gamma-Chlordane

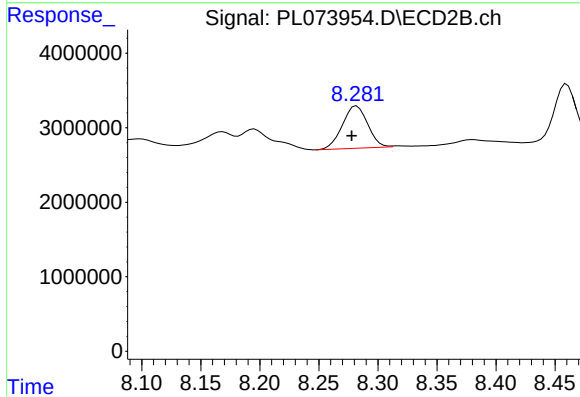
R.T.: 8.195 min  
Delta R.T.: 0.000 min  
Response: 5057914  
Conc: 2.27 ng/ml



#11 alpha-Chlordane

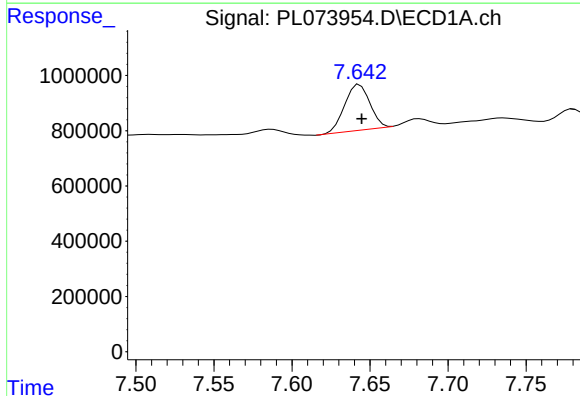
R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 1335539  
Conc: 3.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



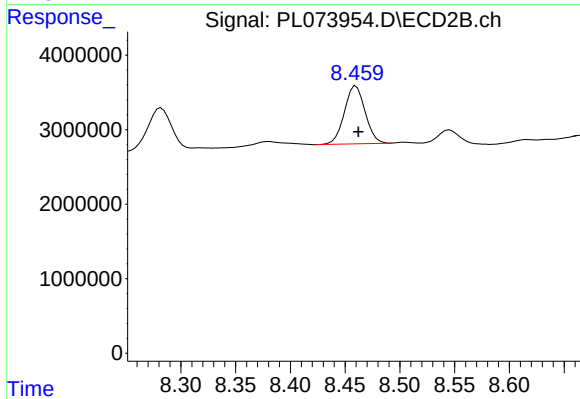
#11 alpha-Chlordane

R.T.: 8.282 min  
Delta R.T.: 0.004 min  
Response: 8466931  
Conc: 3.93 ng/ml



#12 4,4'-DDE

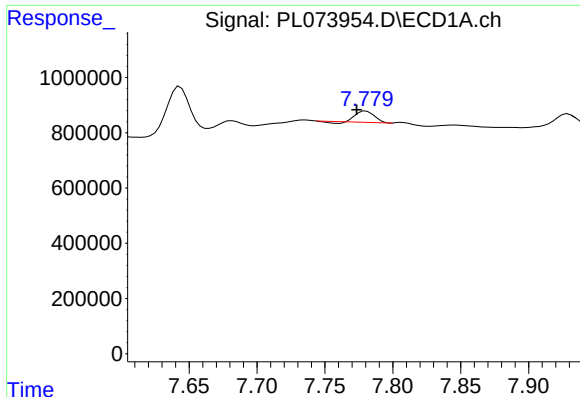
R.T.: 7.643 min  
Delta R.T.: -0.001 min  
Response: 1855474  
Conc: 5.09 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min  
Delta R.T.: -0.002 min  
Response: 10254913  
Conc: 5.15 ng/ml

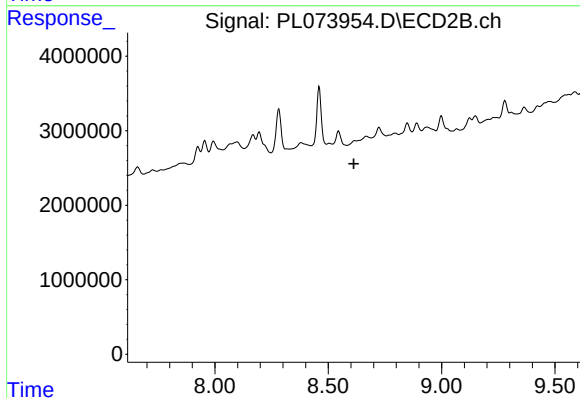




#13 Dieldrin

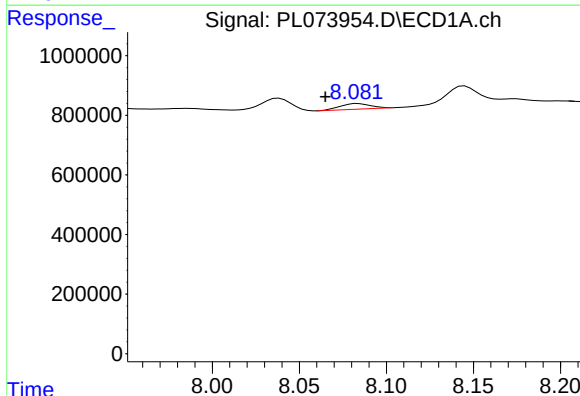
R.T.: 7.780 min  
Delta R.T.: 0.007 min  
Response: 361941  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



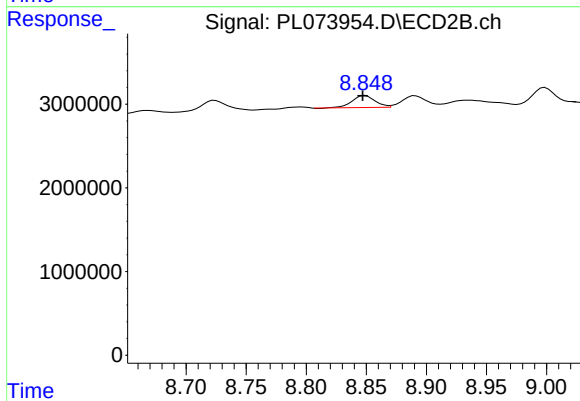
#13 Dieldrin

R.T.: 8.617 min  
Delta R.T.: 0.005 min  
Response: -206563  
Conc: N.D.



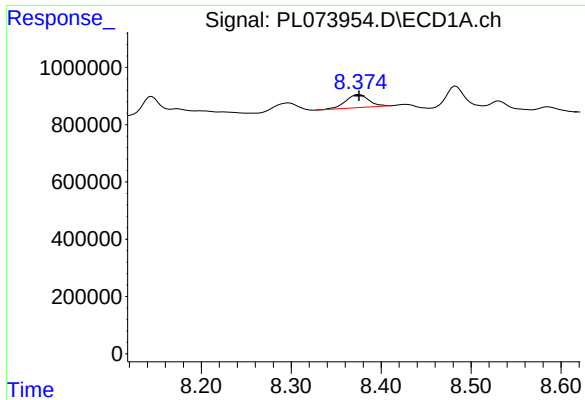
#14 Endrin

R.T.: 8.084 min  
Delta R.T.: 0.019 min  
Response: 223633  
Conc: 0.55 ng/ml



#14 Endrin

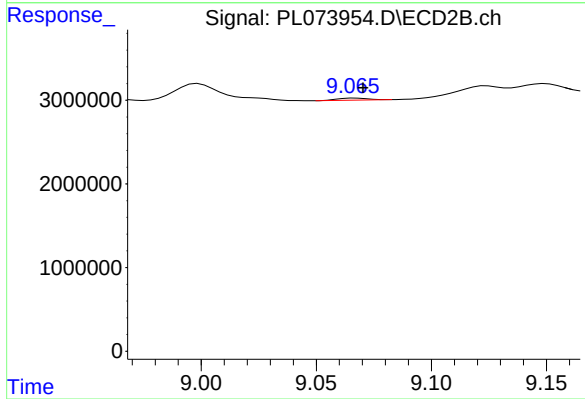
R.T.: 8.849 min  
Delta R.T.: 0.002 min  
Response: 1907481  
Conc: 1.13 ng/ml



#15 Endosulfan II

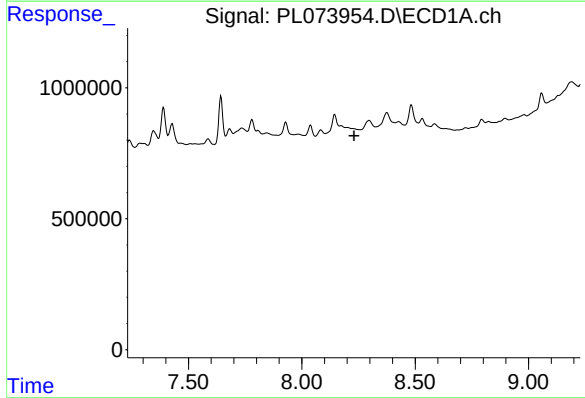
R.T.: 8.376 min  
Delta R.T.: 0.000 min  
Response: 809131  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



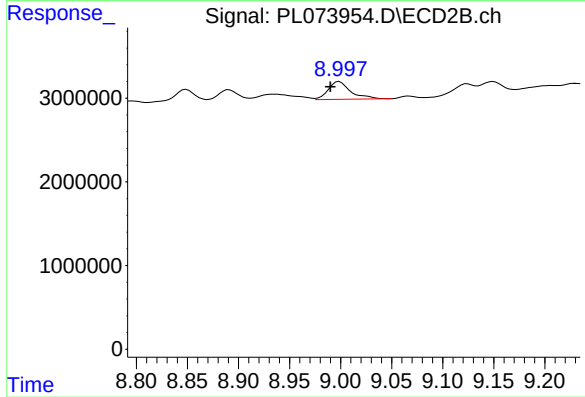
#15 Endosulfan II

R.T.: 9.067 min  
Delta R.T.: -0.004 min  
Response: 208480  
Conc: 0.12 ng/ml



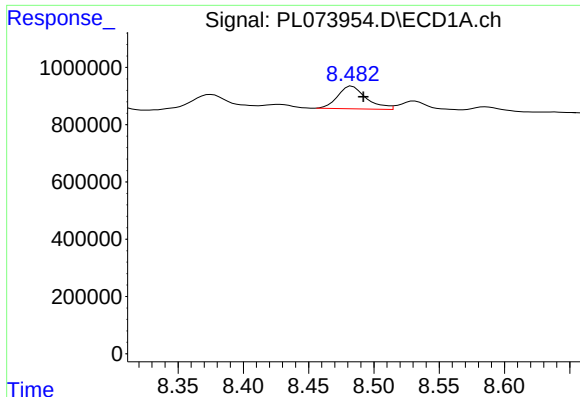
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 8.231 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

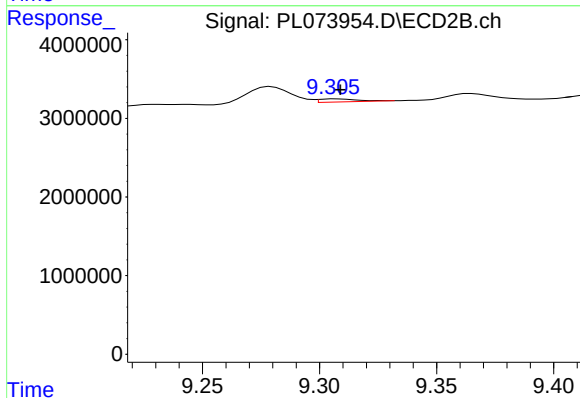
R.T.: 8.999 min  
Delta R.T.: 0.009 min  
Response: 3252033  
Conc: 2.11 ng/ml



#17 4,4'-DDT

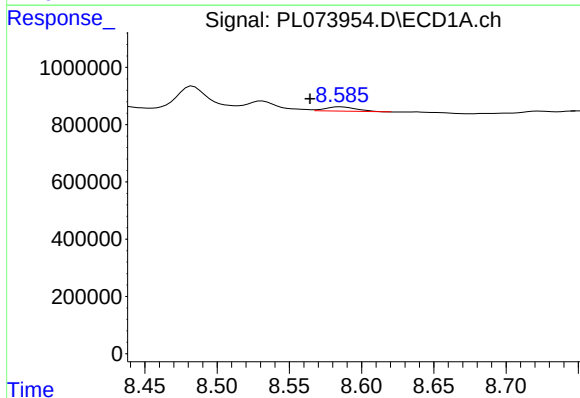
R.T.: 8.483 min  
Delta R.T.: -0.009 min  
Response: 1209355  
Conc: 3.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



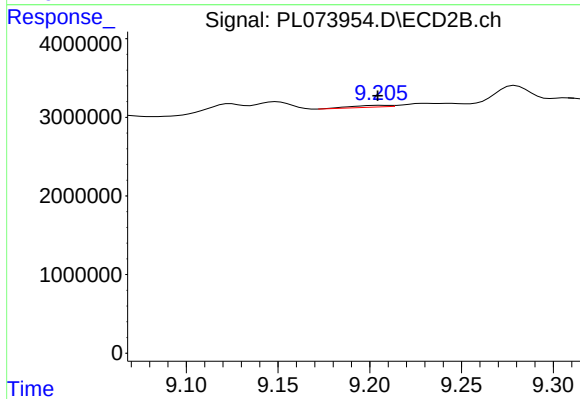
#17 4,4'-DDT

R.T.: 9.308 min  
Delta R.T.: -0.001 min  
Response: 420807  
Conc: 0.24 ng/ml



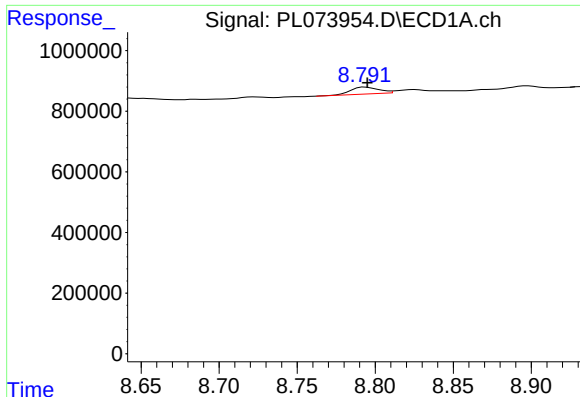
#18 Endrin aldehyde

R.T.: 8.586 min  
Delta R.T.: 0.022 min  
Response: 214068  
Conc: 0.66 ng/ml



#18 Endrin aldehyde

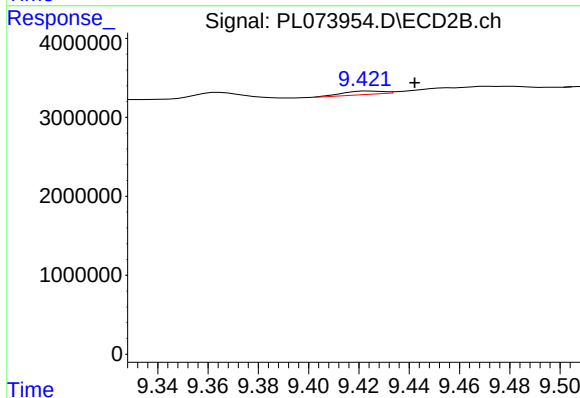
R.T.: 9.207 min  
Delta R.T.: 0.003 min  
Response: 313486  
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

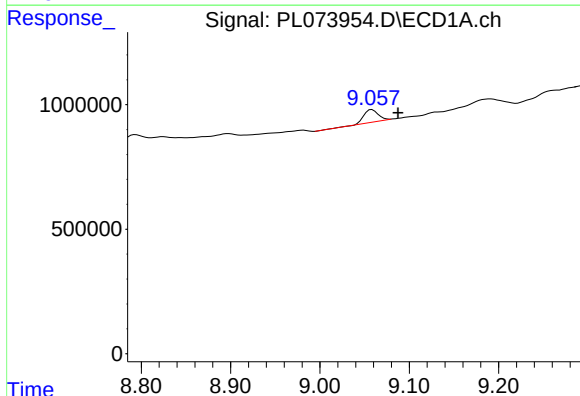
R.T.: 8.794 min  
Delta R.T.: -0.001 min  
Response: 278948  
Conc: 0.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



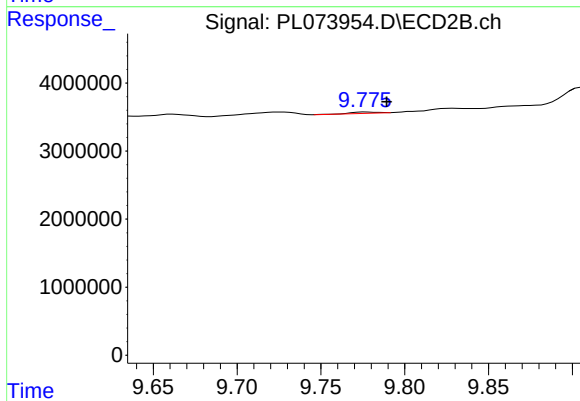
#19 Endosulfan Sulfate

R.T.: 9.424 min  
Delta R.T.: -0.018 min  
Response: 458910  
Conc: 0.28 ng/ml



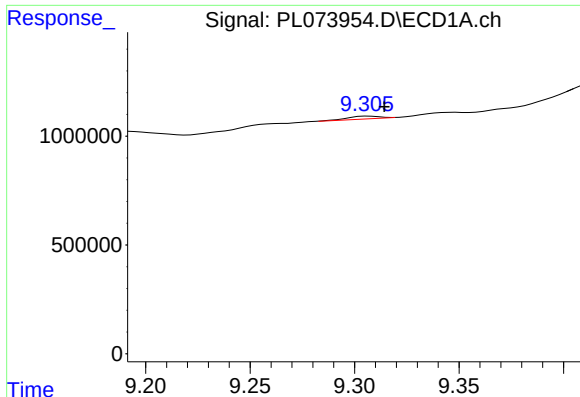
#20 Methoxychlor

R.T.: 9.058 min  
Delta R.T.: -0.029 min  
Response: 539013  
Conc: 2.17 ng/ml



#20 Methoxychlor

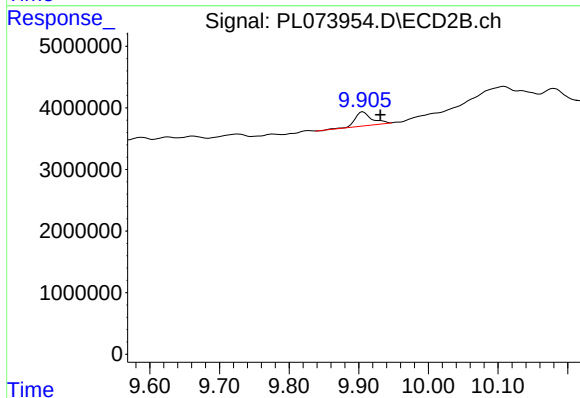
R.T.: 9.776 min  
Delta R.T.: -0.013 min  
Response: 187206  
Conc: 0.19 ng/ml



#21 Endrin ketone

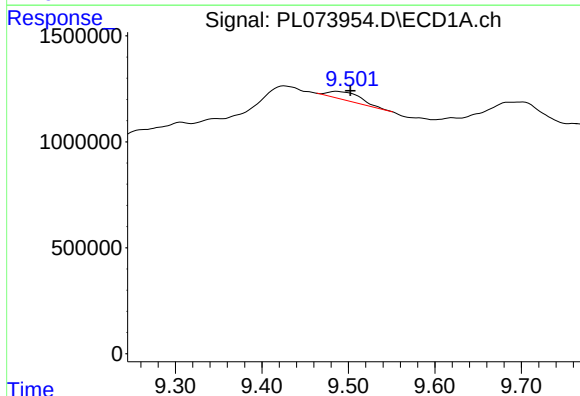
R.T.: 9.307 min  
Delta R.T.: -0.007 min  
Response: 131606  
Conc: 0.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



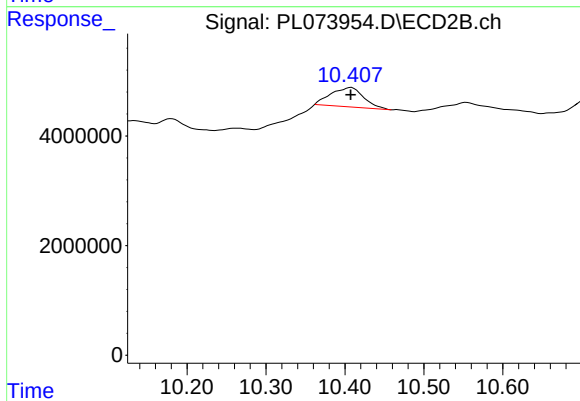
#21 Endrin ketone

R.T.: 9.906 min  
Delta R.T.: -0.025 min  
Response: 3793528  
Conc: 2.19 ng/ml



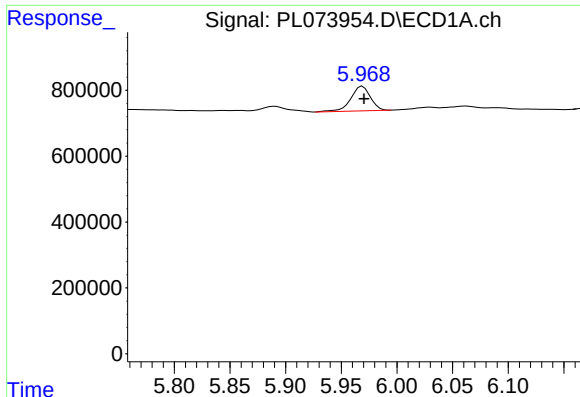
#22 Mirex

R.T.: 9.487 min  
Delta R.T.: -0.016 min  
Response: 910294  
Conc: 1.95 ng/ml



#22 Mirex

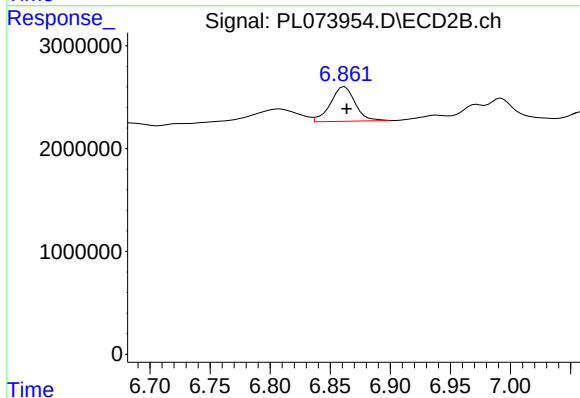
R.T.: 10.408 min  
Delta R.T.: 0.000 min  
Response: 10004158  
Conc: 7.26 ng/ml



#23 Chlordane-1

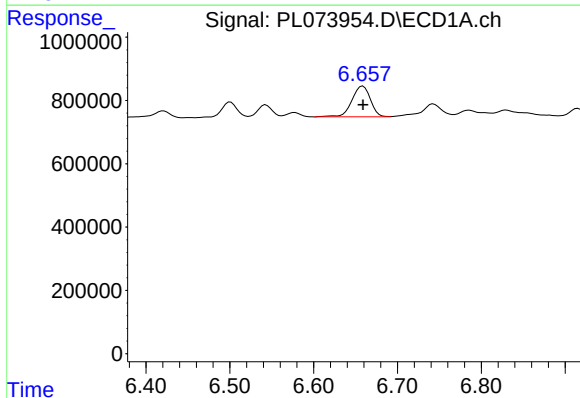
R.T.: 5.969 min  
Delta R.T.: -0.001 min  
Response: 917135  
Conc: 73.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



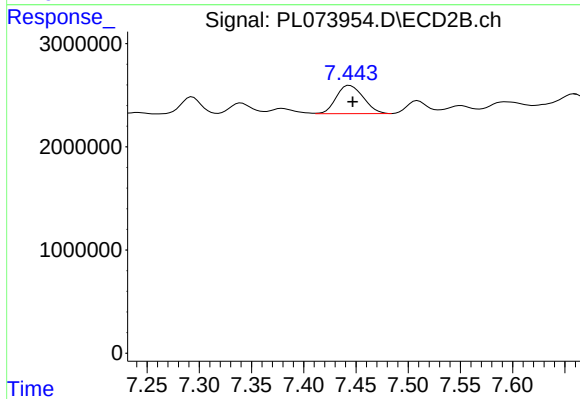
#23 Chlordane-1

R.T.: 6.862 min  
Delta R.T.: -0.002 min  
Response: 4813503  
Conc: 60.32 ng/ml



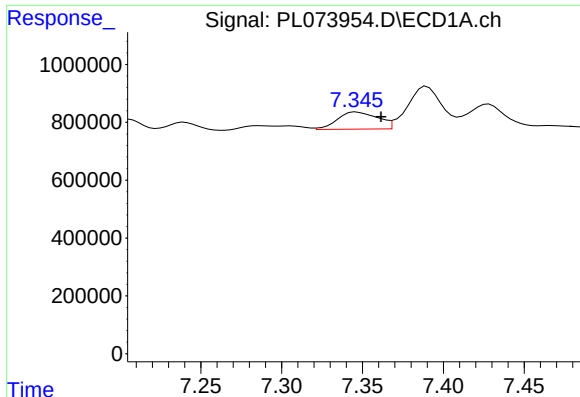
#24 Chlordane-2

R.T.: 6.659 min  
Delta R.T.: 0.000 min  
Response: 1485836  
Conc: 85.26 ng/ml



#24 Chlordane-2

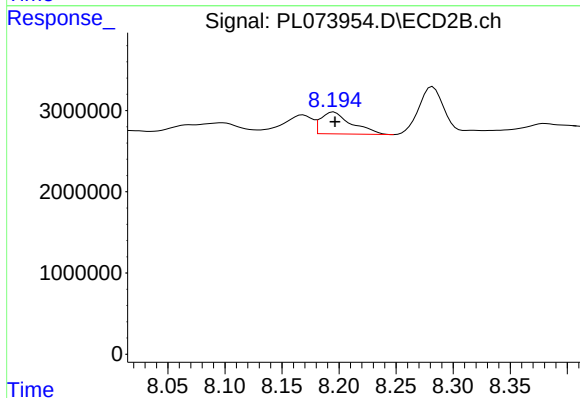
R.T.: 7.444 min  
Delta R.T.: -0.003 min  
Response: 4931907  
Conc: 59.68 ng/ml



#25 Chlordane-3

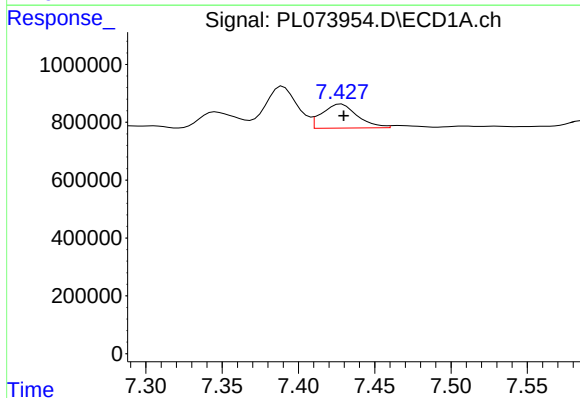
R.T.: 7.346 min  
Delta R.T.: -0.015 min  
Response: 1031386  
Conc: 23.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



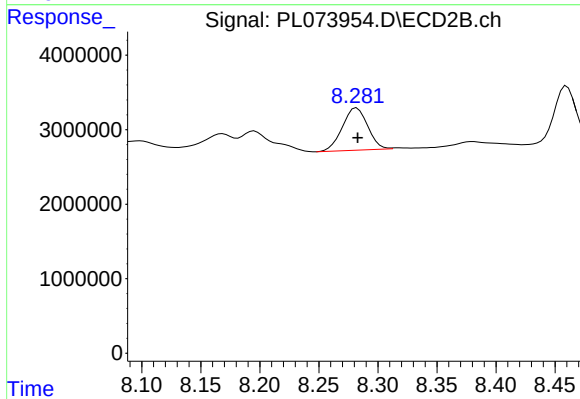
#25 Chlordane-3

R.T.: 8.195 min  
Delta R.T.: -0.001 min  
Response: 5057914  
Conc: 14.95 ng/ml



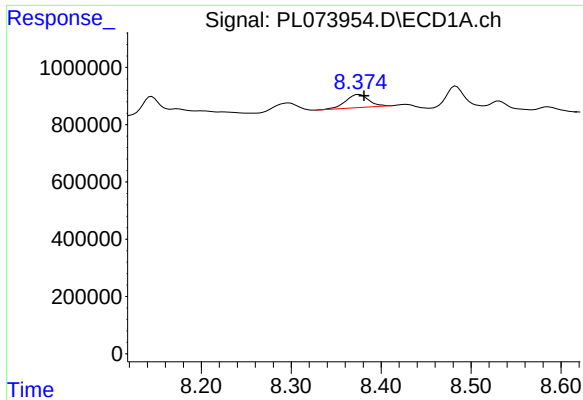
#26 Chlordane-4

R.T.: 7.428 min  
Delta R.T.: -0.001 min  
Response: 1335539  
Conc: 28.78 ng/ml



#26 Chlordane-4

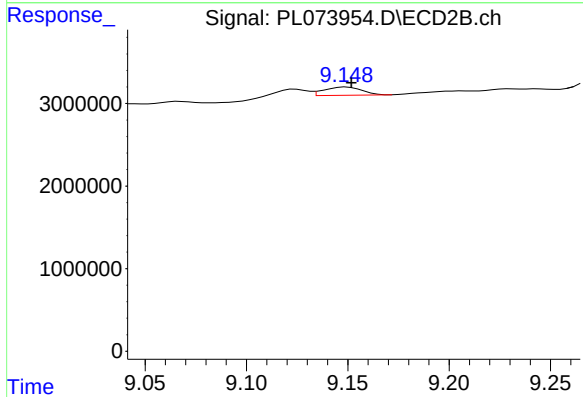
R.T.: 8.282 min  
Delta R.T.: 0.000 min  
Response: 8466931  
Conc: 21.35 ng/ml



#27 Chlordane-5

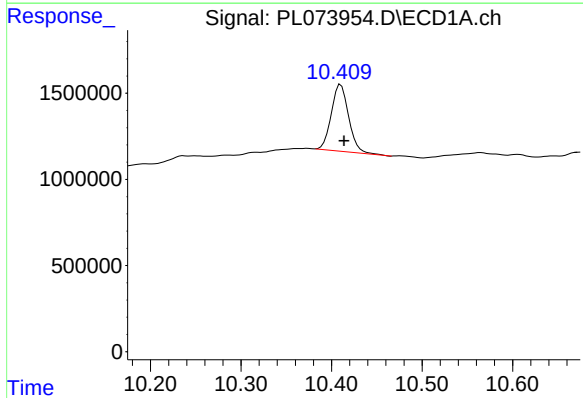
R.T.: 8.376 min  
Delta R.T.: -0.006 min  
Response: 809131  
Conc: 46.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



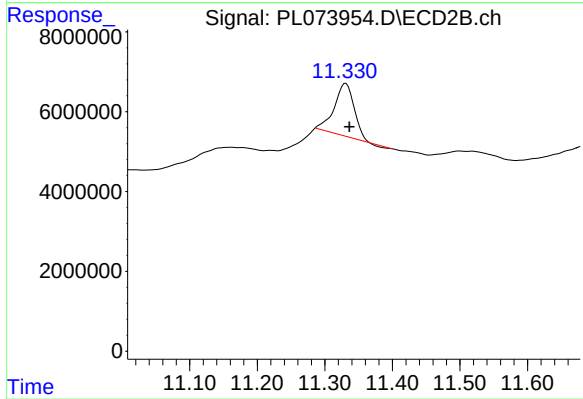
#27 Chlordane-5

R.T.: 9.149 min  
Delta R.T.: -0.002 min  
Response: 1300612  
Conc: 21.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.410 min  
Delta R.T.: -0.004 min  
Response: 5189032  
Conc: 9.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.331 min  
Delta R.T.: -0.005 min  
Response: 26009010  
Conc: 14.73 ng/ml