

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030922\  
 Data File : PL073253.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2022 20:51  
 Operator : AR\AJ  
 Sample : N1816-08  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 04:53:29 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022522CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 01:47:07 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 x 0.50µm

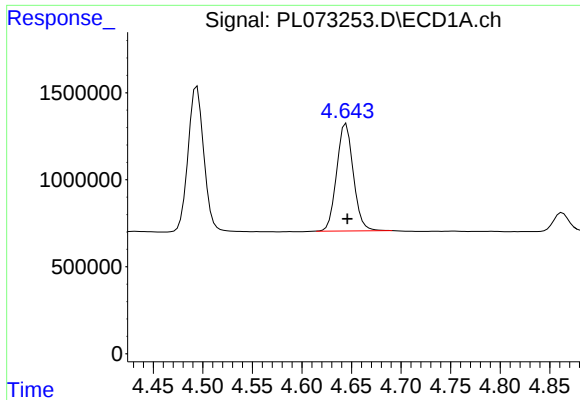
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-------------|
| -----                       |                 |        |        |          |          |           |             |
| System Monitoring Compounds |                 |        |        |          |          |           |             |
| 1)                          | SA Tetrachlo... | 4.645  | 5.492  | 7213235  | 40637489 | 20.975    | 26.030      |
| 27)                         | SA Decachlor... | 10.422 | 11.332 | 19863843 | 68166265 | 41.313    | 42.174      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 5.353  | 6.055  | 19338967 | 102.0E6  | 46.469    | 52.753      |
| 3)                          | MA gamma-BHC... | 5.777  | 6.444  | 20816553 | 102.9E6  | 47.376    | 54.292      |
| 4)                          | MA Heptachlor   | 6.189  | 7.103  | 22820982 | 111.1E6  | 48.273    | 54.766      |
| 5)                          | MB Aldrin       | 6.515  | 7.471  | 21824611 | 105.2E6  | 48.250    | 58.179      |
| 6)                          | B beta-BHC      | 6.156  | 6.680  | 11202954 | 49691097 | 45.640    | 50.788      |
| 7)                          | B delta-BHC     | 6.418  | 6.948  | 7377225  | 36985695 | 17.119    | 19.128      |
| 8)                          | B Heptachlo...  | 7.091  | 7.927  | 22293197 | 98153732 | 47.544    | 57.684      |
| 9)                          | A Endosulfan I  | 7.495  | 8.328  | 21190253 | 89483851 | 46.914    | 56.152      |
| 10)                         | B trans-Chl...  | 7.370  | 8.195  | 22732497 | 99282242 | 47.664    | 56.885      |
| 11)                         | B cis-Chlor...  | 7.439  | 8.278  | 22706103 | 97423919 | 47.588    | 57.068      |
| 12)                         | B 4,4'-DDE      | 7.653  | 8.462  | 41275715 | 192.4E6  | 106.808   | 127.100     |
| 13)                         | MA Dieldrin     | 7.782  | 8.613  | 46032206 | 194.9E6  | 98.250    | 117.488     |
| 14)                         | MA Endrin       | 8.072  | 8.847  | 41623632 | 155.0E6  | 102.392   | 116.018     |
| 15)                         | B Endosulfa...  | 8.383  | 9.071  | 42437042 | 155.3E6  | 90.566    | 107.160     |
| 16)                         | A 4,4'-DDD      | 8.239  | 8.989  | 35819875 | 151.3E6  | 101.390   | 115.176     |
| 17)                         | MA 4,4'-DDT     | 8.501  | 9.308  | 37991151 | 152.8E6  | 97.948    | 115.843     |
| 18)                         | B Endrin al...  | 8.572  | 9.203  | 34866071 | 127.1E6  | 104.866   | 118.792     |
| 19)                         | B Endosulfa...  | 8.803  | 9.441  | 35437604 | 127.9E6  | 81.008    | 92.982      |
| 20)                         | A Methoxychlor  | 9.096  | 9.787  | 113.4E6  | 405.4E6  | 463.001   | 529.334     |
| 21)                         | B Endrin ke...  | 9.323  | 9.929  | 52945065 | 169.3E6  | 111.012   | 119.481     |
| 22)                         | Toxaphene-1     | 7.782  | 8.462f | 46032206 | 192.4E6  | 19608.367 | 19996.837   |
| 23)                         | Toxaphene-2     | 0.000  | 8.989  | 0        | 151.3E6  | N.D.      | 7227.074    |
| 24)                         | Toxaphene-3     | 8.383f | 9.203f | 42437042 | 127.1E6  | 5244.577  | 9280.402 #  |
| 25)                         | Toxaphene-4     | 8.719  | 9.441  | 1694484  | 127.9E6  | 193.240   | 5619.245 #  |
| 26)                         | Toxaphene-5     | 9.173f | 9.787f | 429291   | 405.4E6  | 42.892    | 23884.460 # |
| -----                       |                 |        |        |          |          |           |             |

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 04:53:29 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022522CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 01 01:47:07 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 x 0.50µm

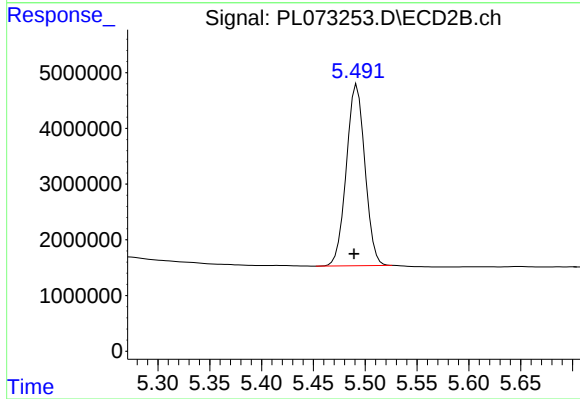




#1 Tetrachloro-m-xylene

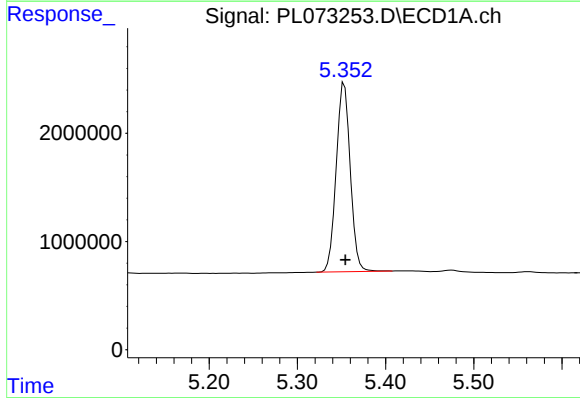
R.T.: 4.645 min  
Delta R.T.: -0.001 min  
Response: 7213235  
Conc: 20.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



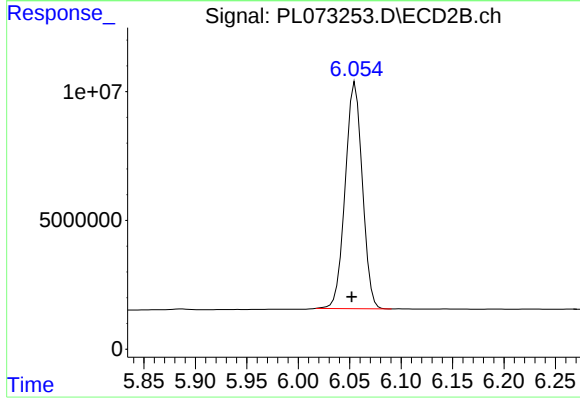
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: 0.003 min  
Response: 40637489  
Conc: 26.03 ng/ml



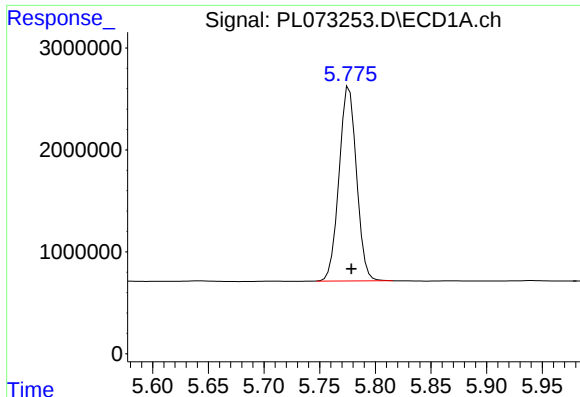
#2 alpha-BHC

R.T.: 5.353 min  
Delta R.T.: -0.001 min  
Response: 19338967  
Conc: 46.47 ng/ml



#2 alpha-BHC

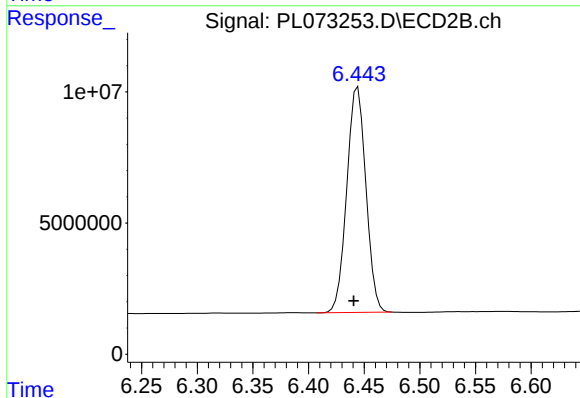
R.T.: 6.055 min  
Delta R.T.: 0.003 min  
Response: 102029684  
Conc: 52.75 ng/ml



#3 gamma-BHC (Lindane)

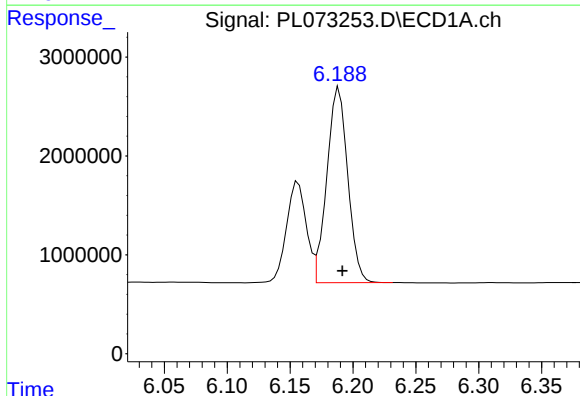
R.T.: 5.777 min  
Delta R.T.: -0.002 min  
Response: 20816553  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



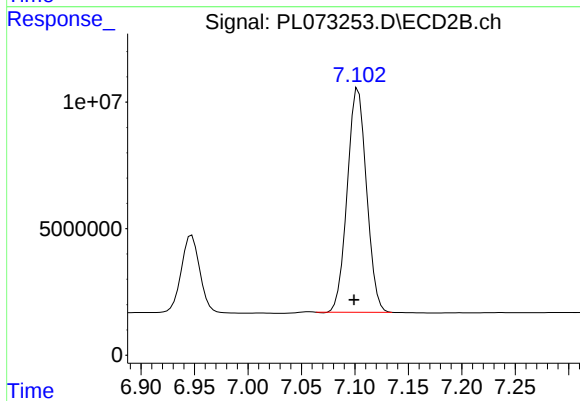
#3 gamma-BHC (Lindane)

R.T.: 6.444 min  
Delta R.T.: 0.004 min  
Response: 102891777  
Conc: 54.29 ng/ml



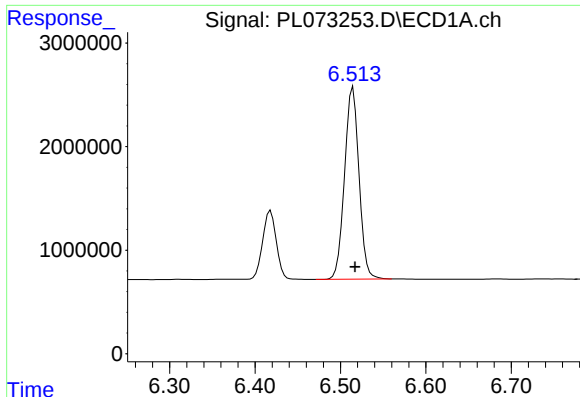
#4 Heptachlor

R.T.: 6.189 min  
Delta R.T.: -0.003 min  
Response: 22820982  
Conc: 48.27 ng/ml



#4 Heptachlor

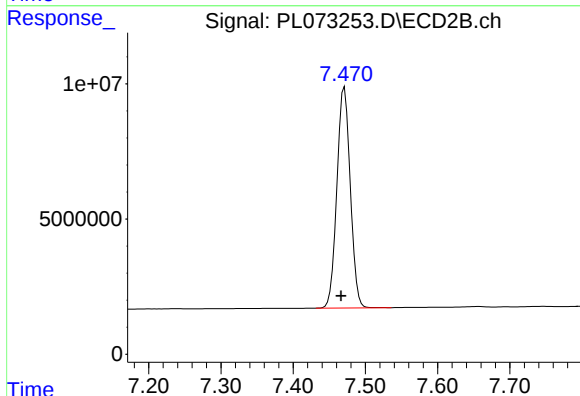
R.T.: 7.103 min  
Delta R.T.: 0.004 min  
Response: 111090191  
Conc: 54.77 ng/ml



#5 Aldrin

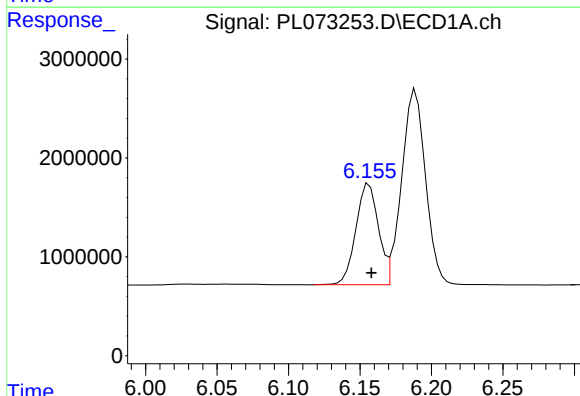
R.T.: 6.515 min  
Delta R.T.: -0.002 min  
Response: 21824611  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



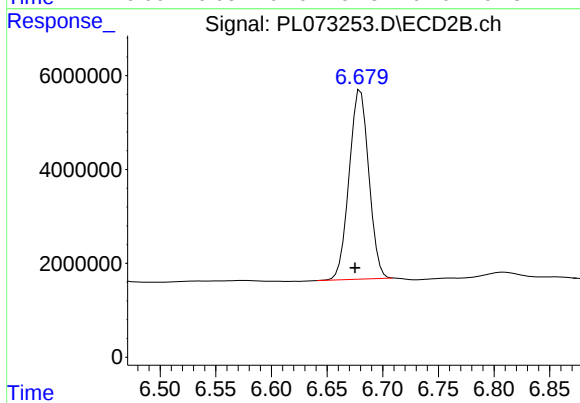
#5 Aldrin

R.T.: 7.471 min  
Delta R.T.: 0.005 min  
Response: 105180817  
Conc: 58.18 ng/ml



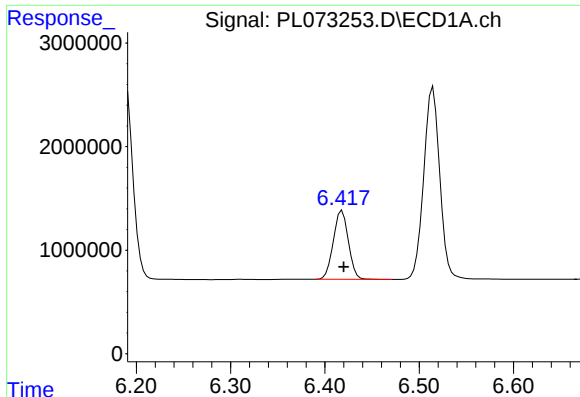
#6 beta-BHC

R.T.: 6.156 min  
Delta R.T.: -0.001 min  
Response: 11202954  
Conc: 45.64 ng/ml



#6 beta-BHC

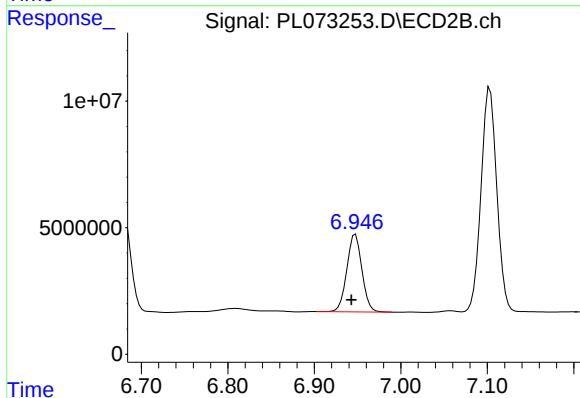
R.T.: 6.680 min  
Delta R.T.: 0.005 min  
Response: 49691097  
Conc: 50.79 ng/ml



#7 delta-BHC

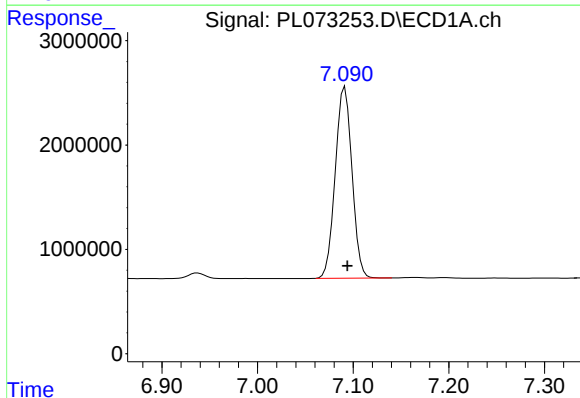
R.T.: 6.418 min  
Delta R.T.: -0.002 min  
Response: 7377225  
Conc: 17.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



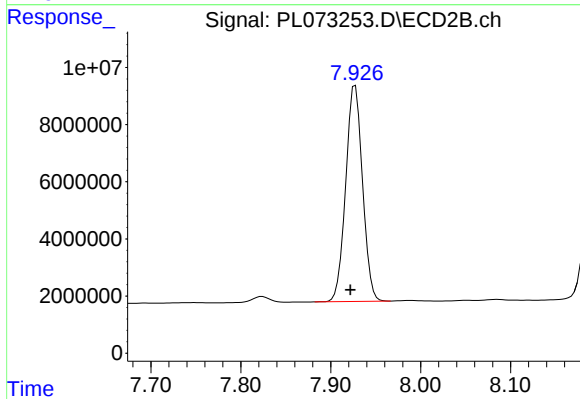
#7 delta-BHC

R.T.: 6.948 min  
Delta R.T.: 0.005 min  
Response: 36985695  
Conc: 19.13 ng/ml



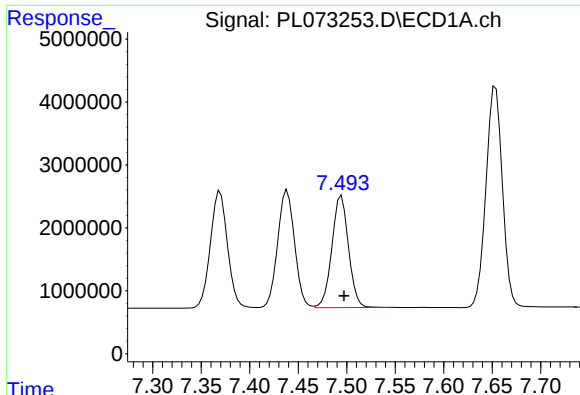
#8 Heptachlor epoxide

R.T.: 7.091 min  
Delta R.T.: -0.003 min  
Response: 22293197  
Conc: 47.54 ng/ml



#8 Heptachlor epoxide

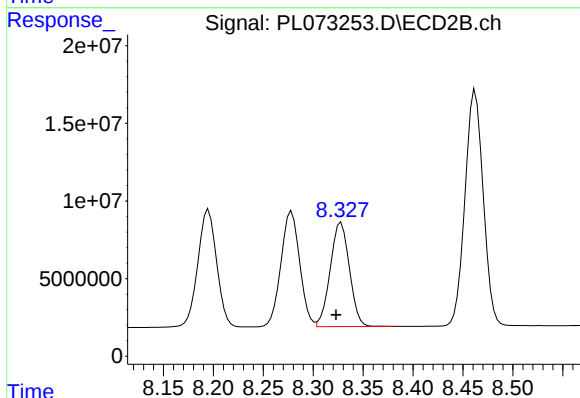
R.T.: 7.927 min  
Delta R.T.: 0.005 min  
Response: 98153732  
Conc: 57.68 ng/ml



#9 Endosulfan I

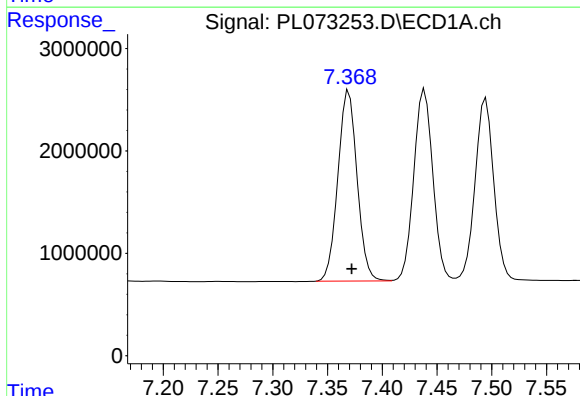
R.T.: 7.495 min  
Delta R.T.: -0.003 min  
Response: 21190253  
Conc: 46.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



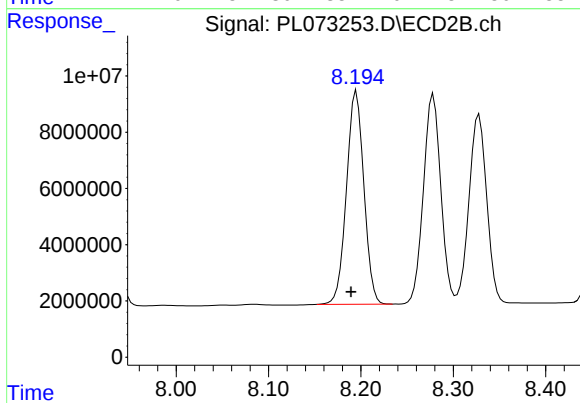
#9 Endosulfan I

R.T.: 8.328 min  
Delta R.T.: 0.005 min  
Response: 89483851  
Conc: 56.15 ng/ml



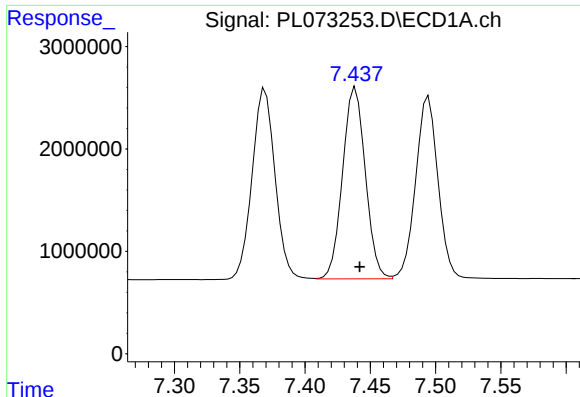
#10 trans-Chlordane

R.T.: 7.370 min  
Delta R.T.: -0.002 min  
Response: 22732497  
Conc: 47.66 ng/ml



#10 trans-Chlordane

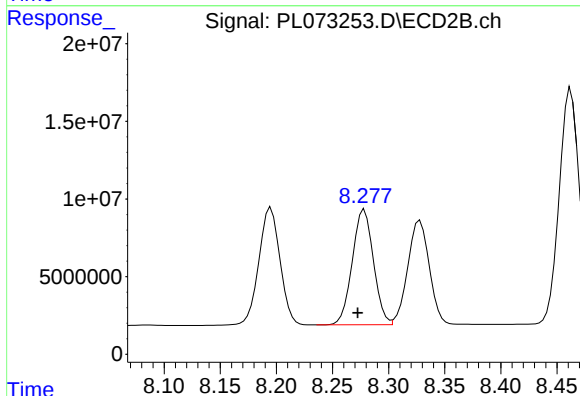
R.T.: 8.195 min  
Delta R.T.: 0.006 min  
Response: 99282242  
Conc: 56.89 ng/ml



#11 cis-Chlordane

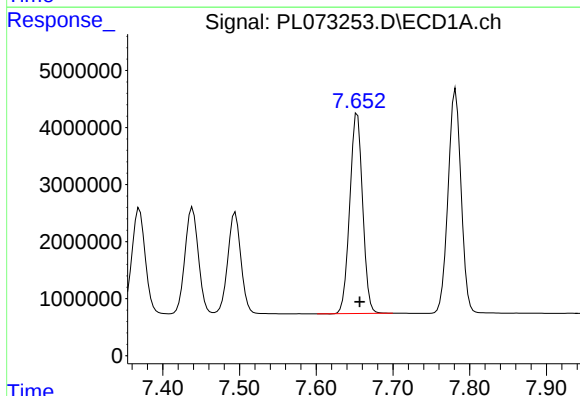
R.T.: 7.439 min  
Delta R.T.: -0.003 min  
Response: 22706103  
Conc: 47.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



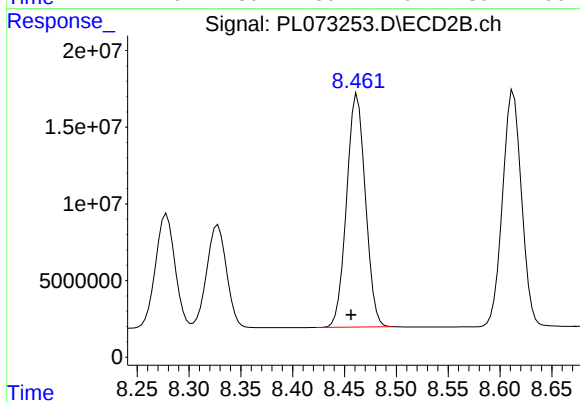
#11 cis-Chlordane

R.T.: 8.278 min  
Delta R.T.: 0.006 min  
Response: 97423919  
Conc: 57.07 ng/ml



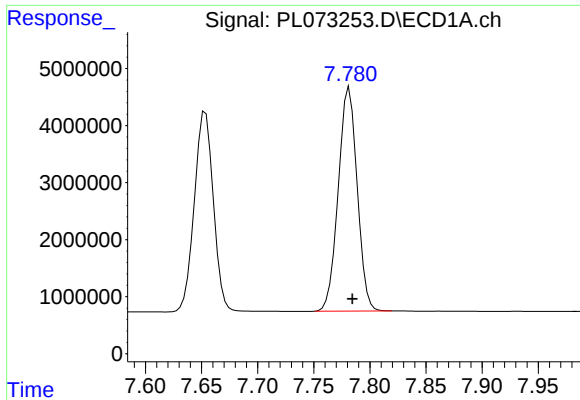
#12 4,4'-DDE

R.T.: 7.653 min  
Delta R.T.: -0.003 min  
Response: 41275715  
Conc: 106.81 ng/ml



#12 4,4'-DDE

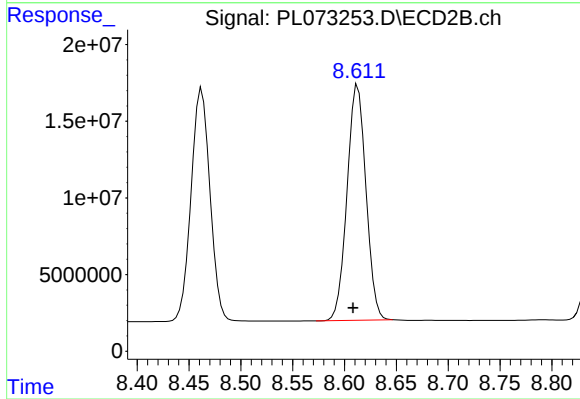
R.T.: 8.462 min  
Delta R.T.: 0.006 min  
Response: 192382803  
Conc: 127.10 ng/ml



#13 Dieldrin

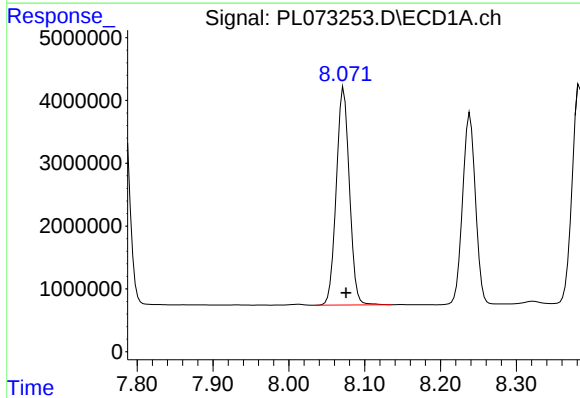
R.T.: 7.782 min  
Delta R.T.: -0.003 min  
Response: 46032206  
Conc: 98.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



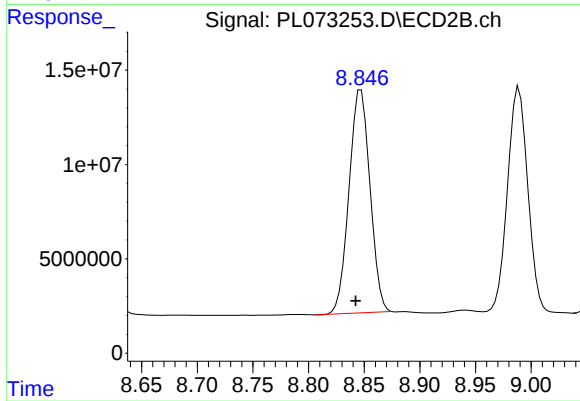
#13 Dieldrin

R.T.: 8.613 min  
Delta R.T.: 0.005 min  
Response: 194917640  
Conc: 117.49 ng/ml



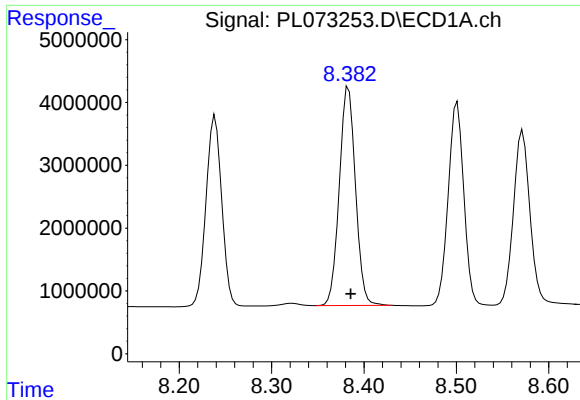
#14 Endrin

R.T.: 8.072 min  
Delta R.T.: -0.003 min  
Response: 41623632  
Conc: 102.39 ng/ml



#14 Endrin

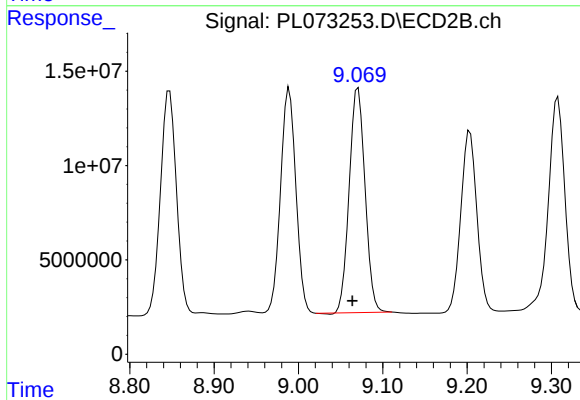
R.T.: 8.847 min  
Delta R.T.: 0.005 min  
Response: 154981057  
Conc: 116.02 ng/ml



#15 Endosulfan II

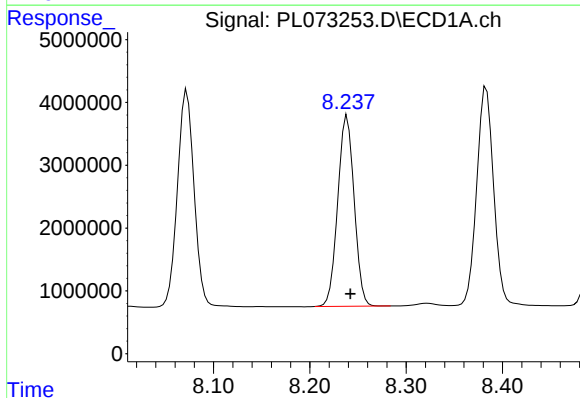
R.T.: 8.383 min  
Delta R.T.: -0.003 min  
Response: 42437042  
Conc: 90.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



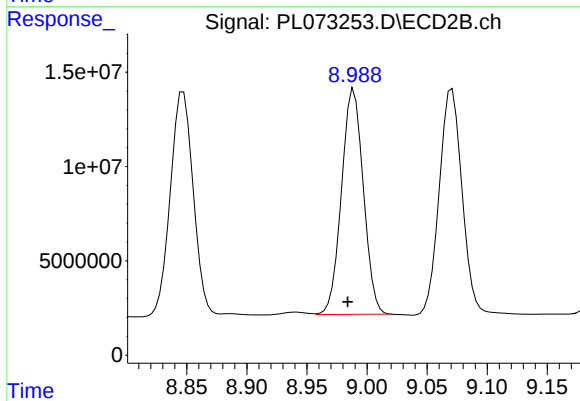
#15 Endosulfan II

R.T.: 9.071 min  
Delta R.T.: 0.007 min  
Response: 155324352  
Conc: 107.16 ng/ml



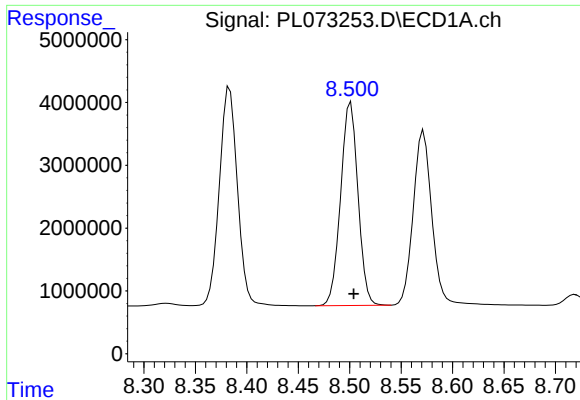
#16 4,4'-DDD

R.T.: 8.239 min  
Delta R.T.: -0.003 min  
Response: 35819875  
Conc: 101.39 ng/ml



#16 4,4'-DDD

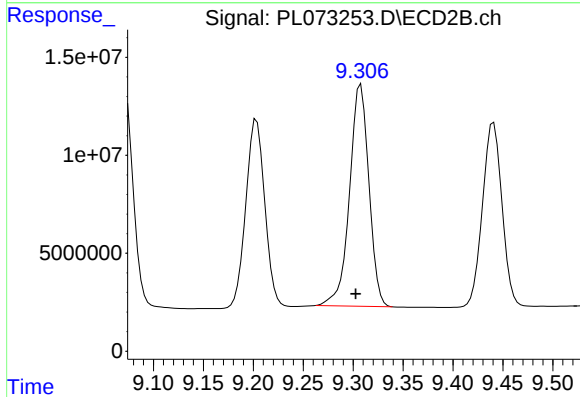
R.T.: 8.989 min  
Delta R.T.: 0.005 min  
Response: 151258908  
Conc: 115.18 ng/ml



#17 4,4'-DDT

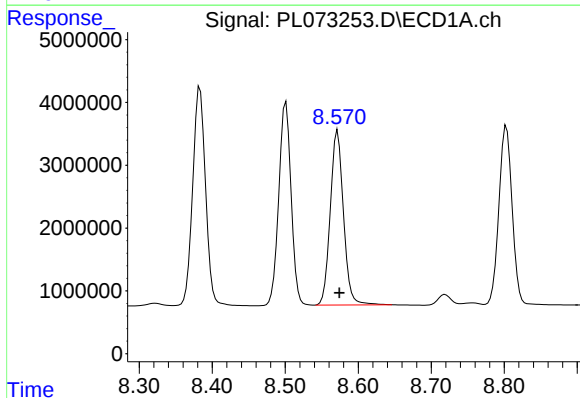
R.T.: 8.501 min  
Delta R.T.: -0.003 min  
Response: 37991151  
Conc: 97.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



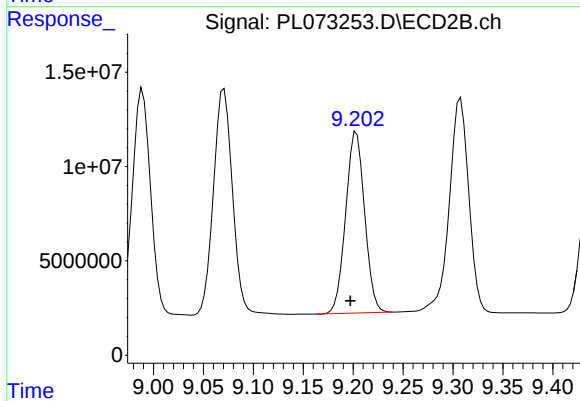
#17 4,4'-DDT

R.T.: 9.308 min  
Delta R.T.: 0.005 min  
Response: 152761547  
Conc: 115.84 ng/ml



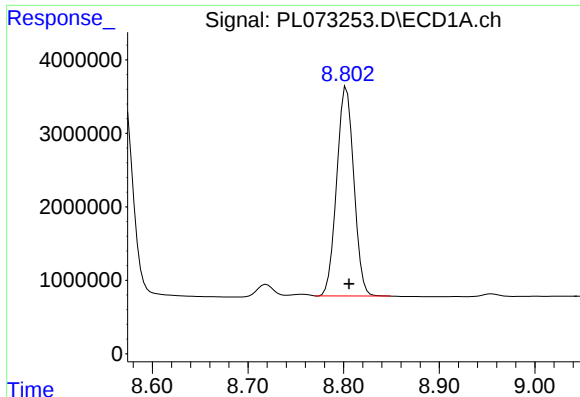
#18 Endrin aldehyde

R.T.: 8.572 min  
Delta R.T.: -0.002 min  
Response: 34866071  
Conc: 104.87 ng/ml



#18 Endrin aldehyde

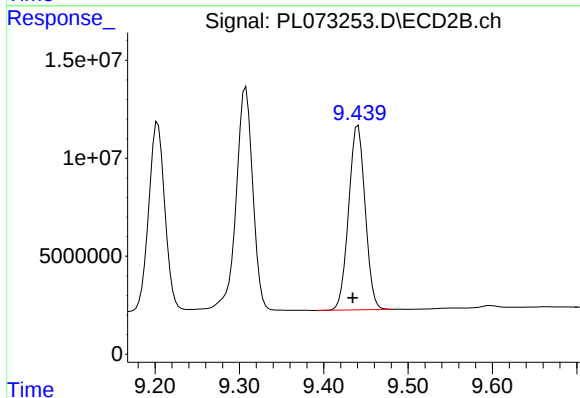
R.T.: 9.203 min  
Delta R.T.: 0.006 min  
Response: 127068148  
Conc: 118.79 ng/ml



#19 Endosulfan Sulfate

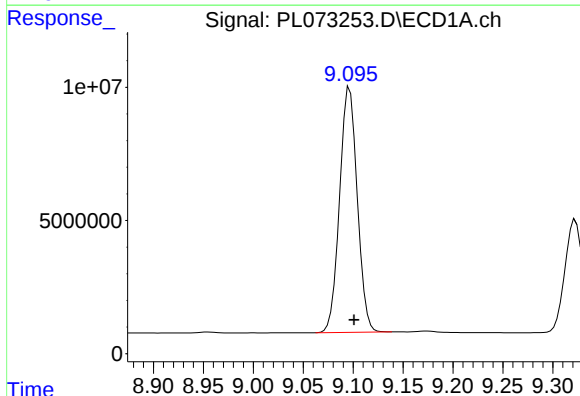
R.T.: 8.803 min  
Delta R.T.: -0.002 min  
Response: 35437604  
Conc: 81.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



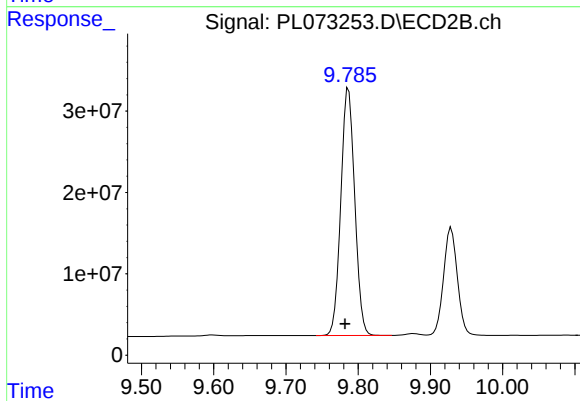
#19 Endosulfan Sulfate

R.T.: 9.441 min  
Delta R.T.: 0.006 min  
Response: 127935232  
Conc: 92.98 ng/ml



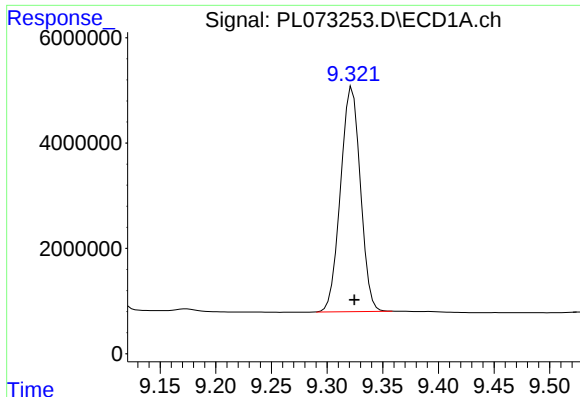
#20 Methoxychlor

R.T.: 9.096 min  
Delta R.T.: -0.005 min  
Response: 113440050  
Conc: 463.00 ng/ml



#20 Methoxychlor

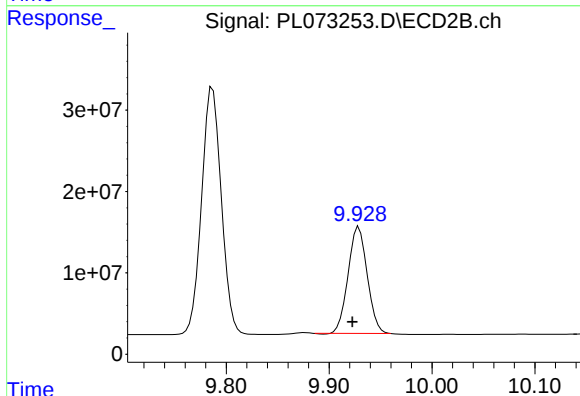
R.T.: 9.787 min  
Delta R.T.: 0.005 min  
Response: 405401257  
Conc: 529.33 ng/ml



#21 Endrin ketone

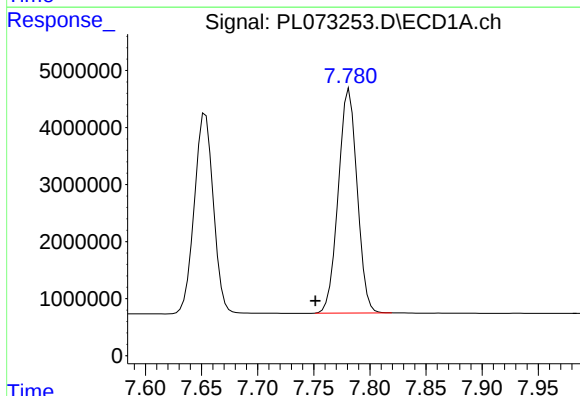
R.T.: 9.323 min  
Delta R.T.: -0.002 min  
Response: 52945065  
Conc: 111.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



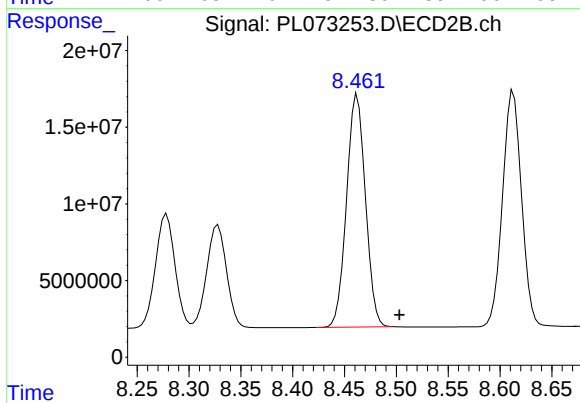
#21 Endrin ketone

R.T.: 9.929 min  
Delta R.T.: 0.006 min  
Response: 169341126  
Conc: 119.48 ng/ml



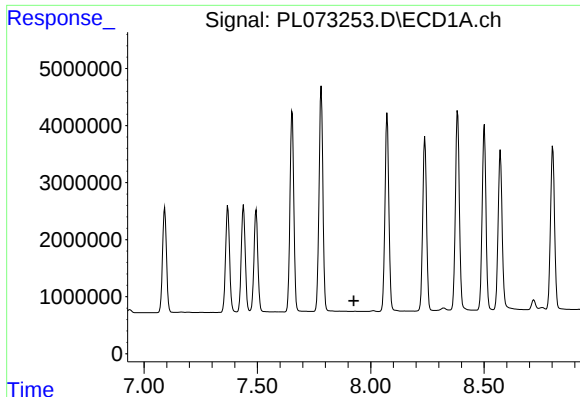
#22 Toxaphene-1

R.T.: 7.782 min  
Delta R.T.: 0.030 min  
Response: 46032206  
Conc: 19608.37 ng/ml



#22 Toxaphene-1

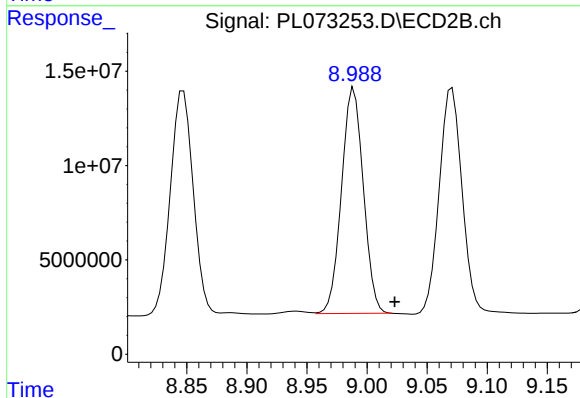
R.T.: 8.462 min  
Delta R.T.: -0.041 min  
Response: 192382803  
Conc: 19996.84 ng/ml



#23 Toxaphene-2

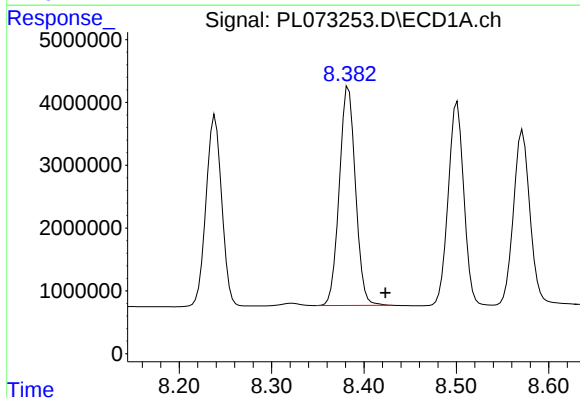
R.T.: 0.000 min  
Exp R.T.: 7.925 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



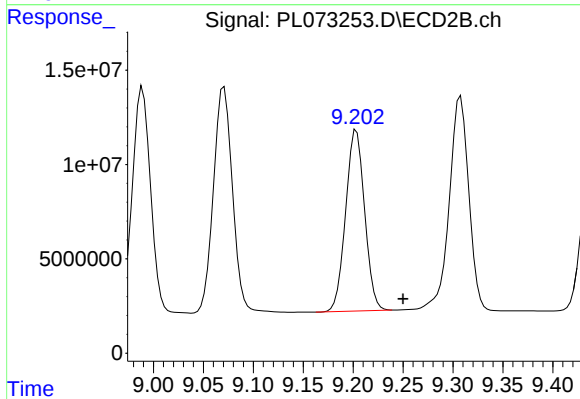
#23 Toxaphene-2

R.T.: 8.989 min  
Delta R.T.: -0.034 min  
Response: 151258908  
Conc: 7227.07 ng/ml



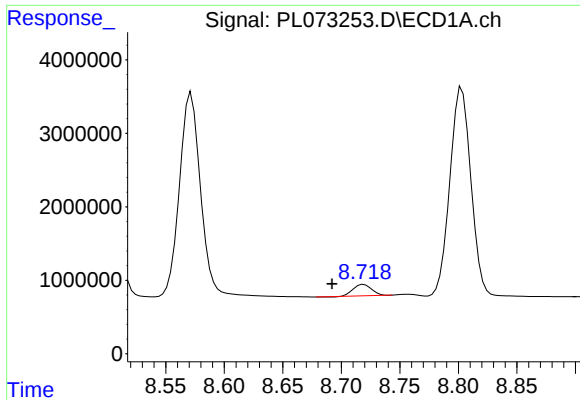
#24 Toxaphene-3

R.T.: 8.383 min  
Delta R.T.: -0.040 min  
Response: 42437042  
Conc: 5244.58 ng/ml



#24 Toxaphene-3

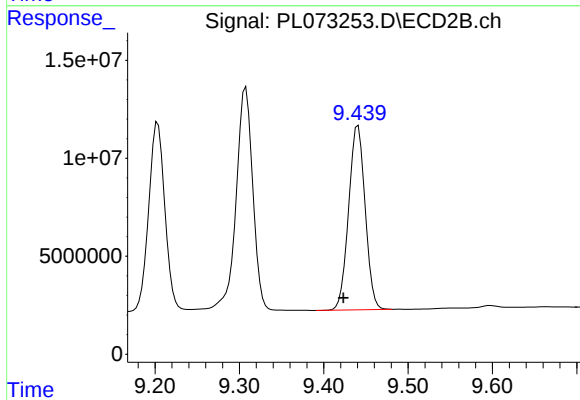
R.T.: 9.203 min  
Delta R.T.: -0.047 min  
Response: 127068148  
Conc: 9280.40 ng/ml



#25 Toxaphene-4

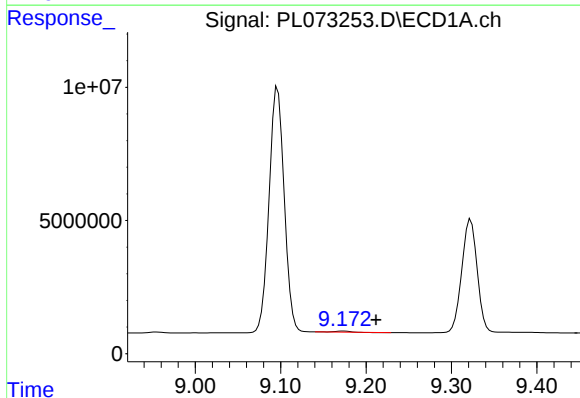
R.T.: 8.719 min  
Delta R.T.: 0.027 min  
Response: 1694484  
Conc: 193.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



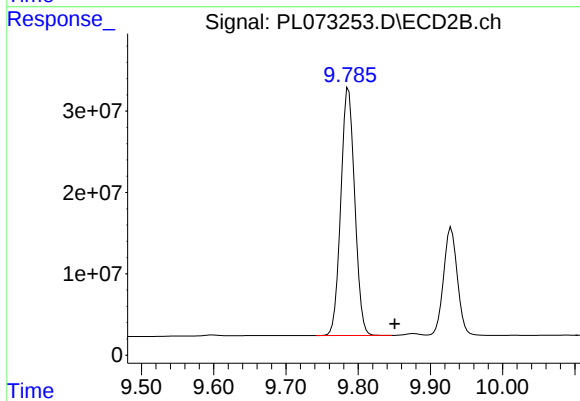
#25 Toxaphene-4

R.T.: 9.441 min  
Delta R.T.: 0.017 min  
Response: 127935232  
Conc: 5619.24 ng/ml



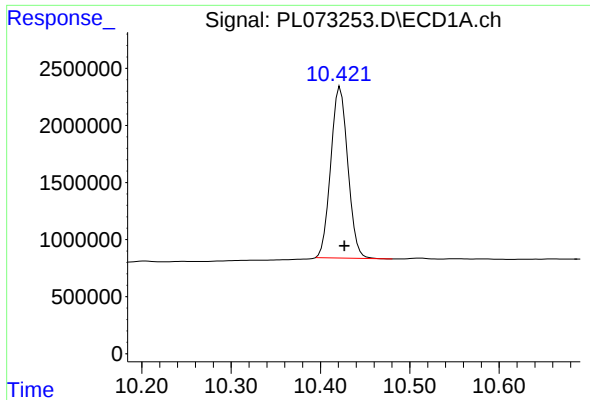
#26 Toxaphene-5

R.T.: 9.173 min  
Delta R.T.: -0.038 min  
Response: 429291  
Conc: 42.89 ng/ml



#26 Toxaphene-5

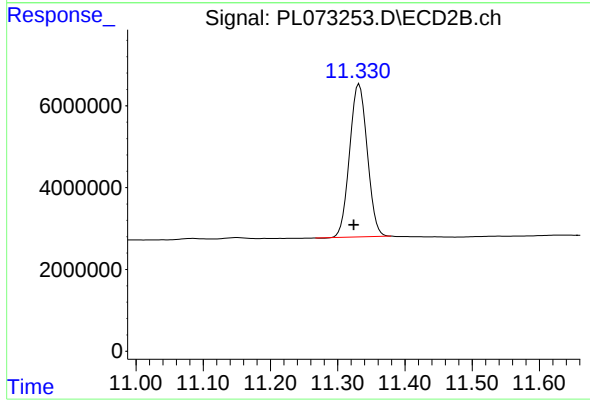
R.T.: 9.787 min  
Delta R.T.: -0.064 min  
Response: 405401257  
Conc: 23884.46 ng/ml



#27 Decachlorobiphenyl

R.T.: 10.422 min  
Delta R.T.: -0.005 min  
Response: 19863843  
Conc: 41.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 11.332 min  
Delta R.T.: 0.008 min  
Response: 68166265  
Conc: 42.17 ng/ml