

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012122\  
 Data File : PL072153.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2022 10:45  
 Operator : AR\AJ  
 Sample : WATER IDOC 01  
 Misc : FOR HAROON MUGHAL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 01:56:02 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 18 10:53:59 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... | 4.563  | 5.492  | 10777294 | 31843357 | 19.412   | 19.607     |
| 28)                         | SA Decachlor... | 10.321 | 11.385 | 18175704 | 33078664 | 20.458   | 20.501     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.269  | 6.074  | 36809822 | 115.3E6  | 47.606   | 47.780     |
| 3)                          | MA gamma-BHC... | 5.692  | 6.470  | 35701895 | 108.3E6  | 47.349   | 48.142     |
| 4)                          | MA Heptachlor   | 6.098  | 7.116  | 40451463 | 110.1E6  | 46.890   | 47.479     |
| 5)                          | MB Aldrin       | 6.421  | 7.486  | 36391524 | 103.2E6  | 46.086   | 46.673     |
| 6)                          | B beta-BHC      | 6.076  | 6.730  | 16070594 | 50200243 | 48.616   | 50.701     |
| 7)                          | B delta-BHC     | 6.334  | 6.995  | 37090876 | 107.8E6  | 46.824   | 43.798     |
| 8)                          | B Heptachlo...  | 6.998  | 7.954  | 36267961 | 97086419 | 47.644   | 48.488     |
| 9)                          | A Endosulfan I  | 7.401  | 8.359  | 34392279 | 88078865 | 48.391   | 48.660     |
| 10)                         | B gamma-Chl...  | 7.275  | 8.224  | 36991025 | 97113768 | 47.079   | 48.057     |
| 11)                         | B alpha-Chl...  | 7.345  | 8.304  | 37023807 | 93796439 | 47.194   | 47.305     |
| 12)                         | B 4,4'-DDE      | 7.560  | 8.494  | 34773405 | 92586850 | 48.164   | 48.955     |
| 13)                         | MA Dieldrin     | 7.686  | 8.648  | 35324001 | 91755010 | 46.625   | 46.704     |
| 14)                         | MA Endrin       | 7.977  | 8.887  | 30253742 | 72079875 | 43.179   | 43.474     |
| 15)                         | B Endosulfa...  | 8.289  | 9.123  | 31812677 | 76298636 | 42.786   | 44.491     |
| 16)                         | A 4,4'-DDD      | 8.146  | 9.035  | 30127916 | 74662867 | 51.393   | 52.220     |
| 17)                         | MA 4,4'-DDT     | 8.406  | 9.351  | 28817239 | 72491858 | 43.395   | 45.865     |
| 18)                         | B Endrin al...  | 8.478  | 9.258  | 26681496 | 62208776 | 46.830   | 50.113     |
| 19)                         | B Endosulfa...  | 8.709  | 9.496  | 33830453 | 75277162 | 46.142   | 48.219     |
| 20)                         | A Methoxychlor  | 9.001  | 9.839  | 17788772 | 36220112 | 42.164   | 43.726     |
| 21)                         | B Endrin ke...  | 9.226  | 9.993  | 41577743 | 83629126 | 49.931   | 50.531     |
| 22)                         | Mirex           | 9.408  | 10.454 | 34683744 | 60392009 | 46.966   | 48.400     |
| 24)                         | Chlordane-2     | 0.000  | 7.486f | 0        | 103.2E6  | N.D.     | 1476.571 # |
| 25)                         | Chlordane-3     | 7.275  | 8.224  | 36991025 | 97113768 | 483.488  | 349.540 #  |
| 26)                         | Chlordane-4     | 7.345  | 8.304  | 37023807 | 93796439 | 448.752  | 282.460 #  |
| 27)                         | Chlordane-5     | 8.289  | 0.000  | 31812677 | 0        | 1091.585 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

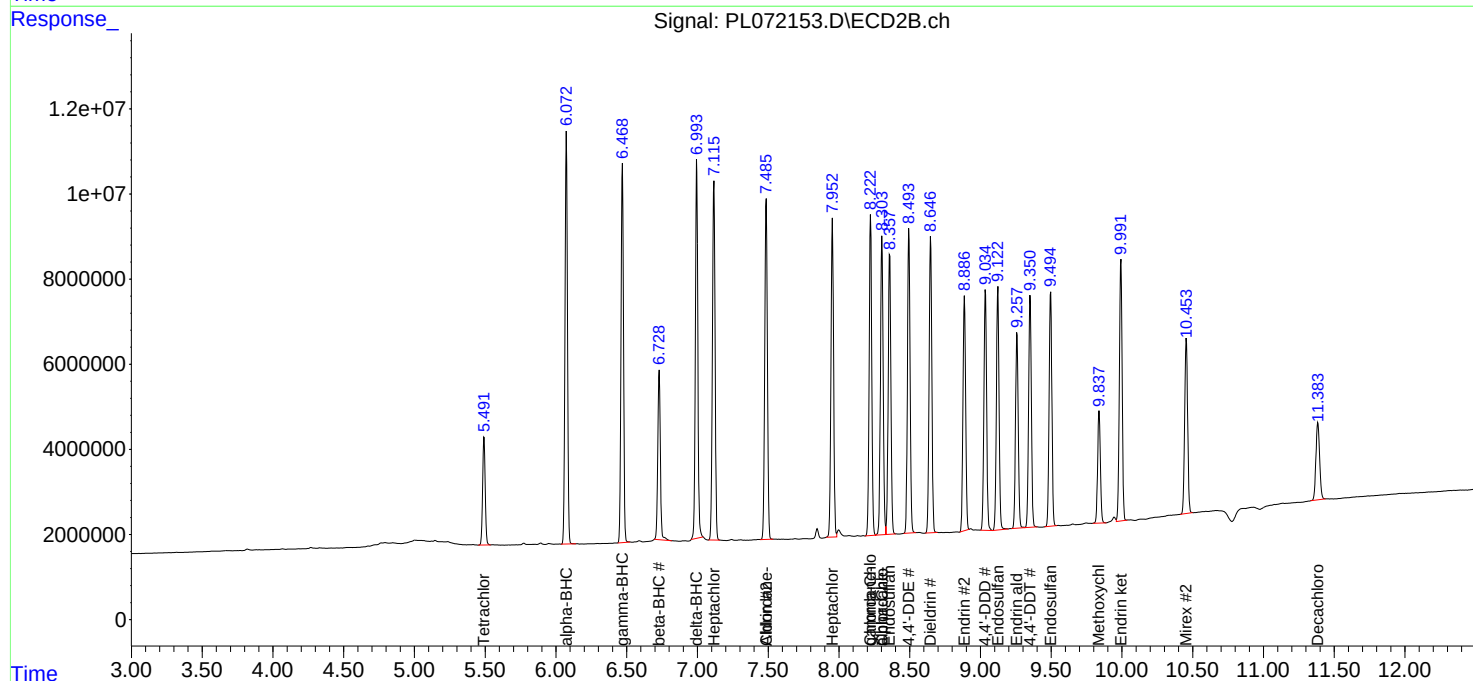
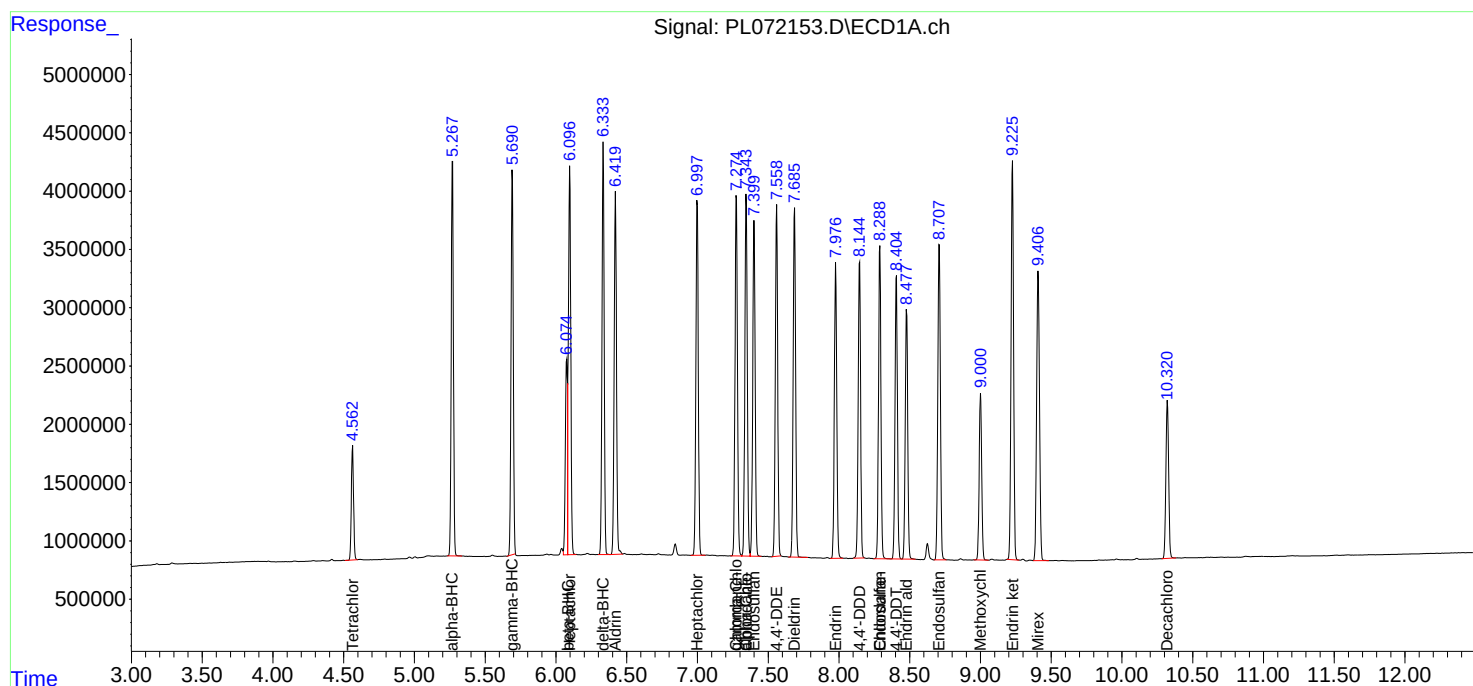
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

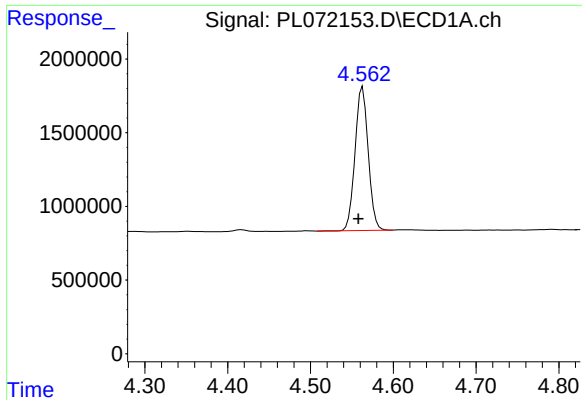
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012122\  
 Data File : PL072153.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

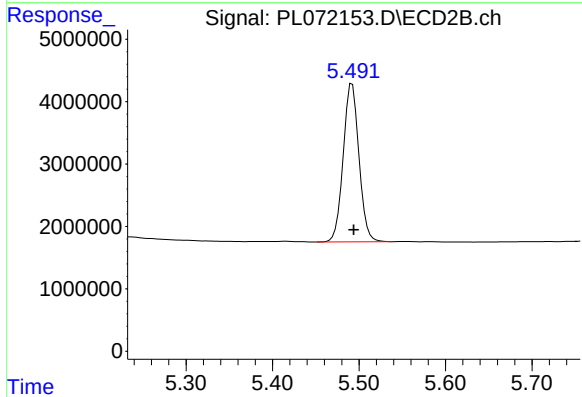




#1 Tetrachloro-m-xylene

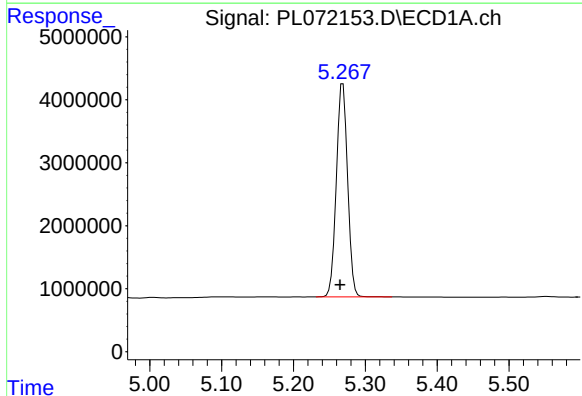
R.T.: 4.563 min  
Delta R.T.: 0.005 min  
Response: 10777294  
Conc: 19.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



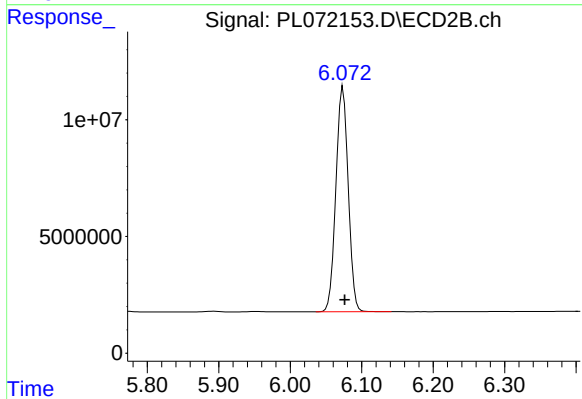
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 31843357  
Conc: 19.61 ng/ml



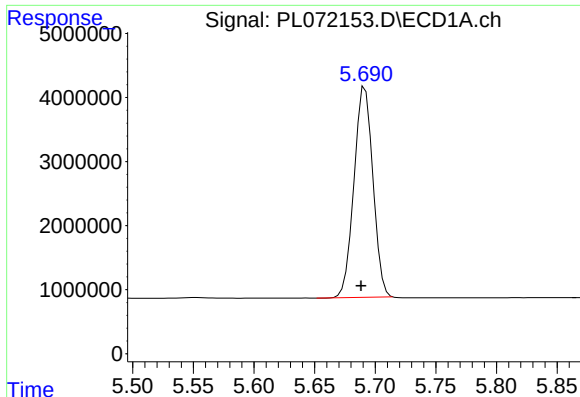
#2 alpha-BHC

R.T.: 5.269 min  
Delta R.T.: 0.004 min  
Response: 36809822  
Conc: 47.61 ng/ml



#2 alpha-BHC

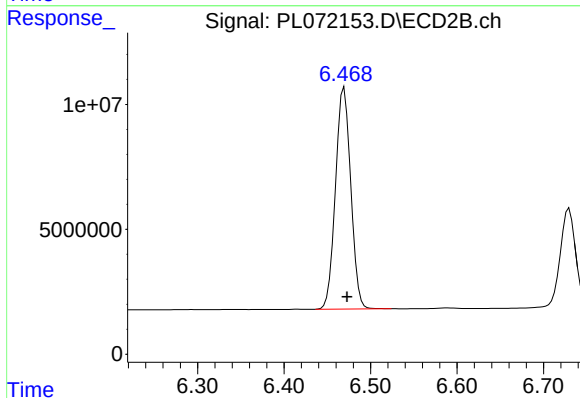
R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 115286925  
Conc: 47.78 ng/ml



#3 gamma-BHC (Lindane)

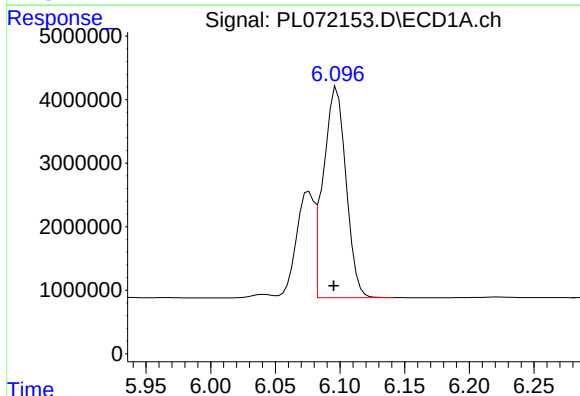
R.T.: 5.692 min  
Delta R.T.: 0.003 min  
Response: 35701895  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



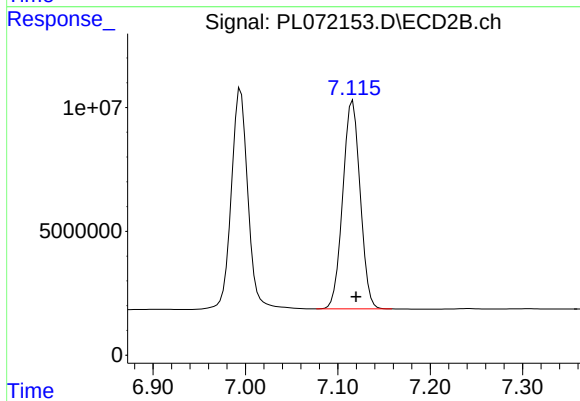
#3 gamma-BHC (Lindane)

R.T.: 6.470 min  
Delta R.T.: -0.003 min  
Response: 108333953  
Conc: 48.14 ng/ml



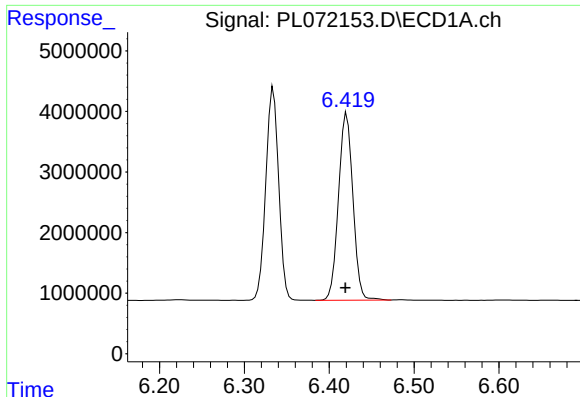
#4 Heptachlor

R.T.: 6.098 min  
Delta R.T.: 0.002 min  
Response: 40451463  
Conc: 46.89 ng/ml



#4 Heptachlor

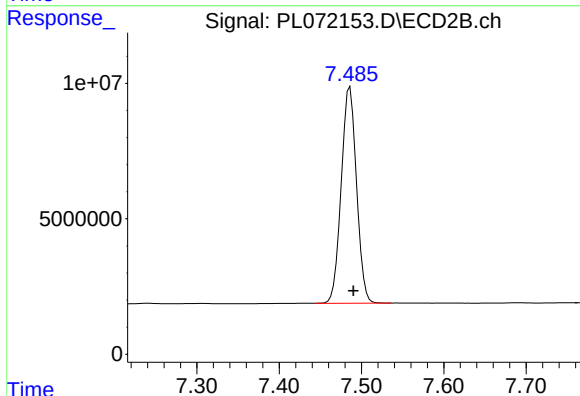
R.T.: 7.116 min  
Delta R.T.: -0.004 min  
Response: 110079227  
Conc: 47.48 ng/ml



#5 Aldrin

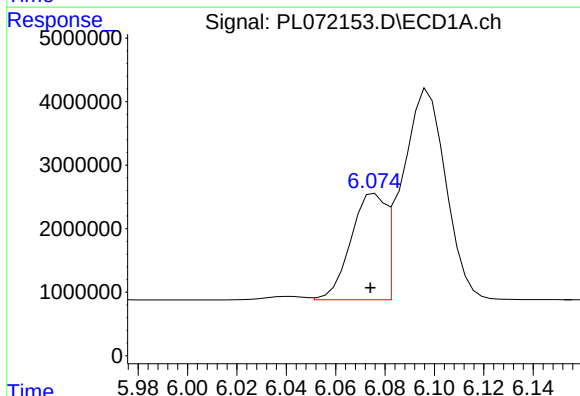
R.T.: 6.421 min  
Delta R.T.: 0.001 min  
Response: 36391524  
Conc: 46.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



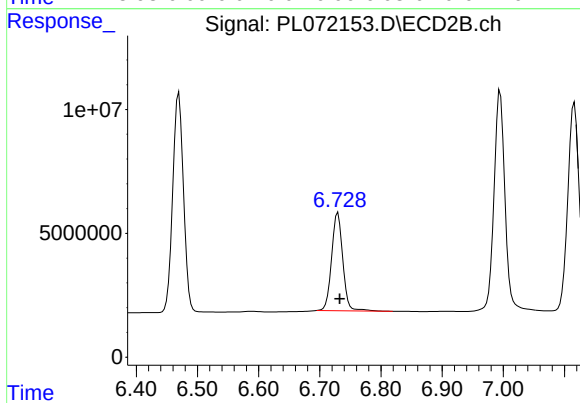
#5 Aldrin

R.T.: 7.486 min  
Delta R.T.: -0.004 min  
Response: 103203914  
Conc: 46.67 ng/ml



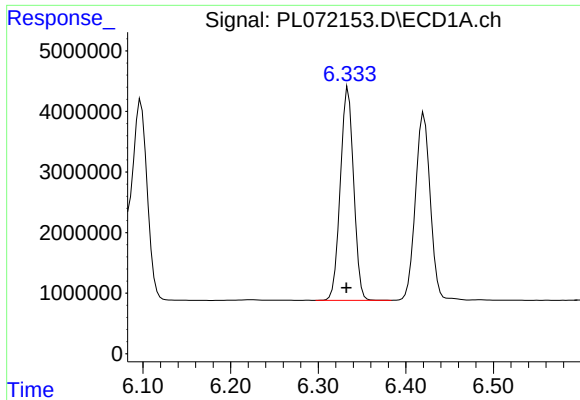
#6 beta-BHC

R.T.: 6.076 min  
Delta R.T.: 0.002 min  
Response: 16070594  
Conc: 48.62 ng/ml



#6 beta-BHC

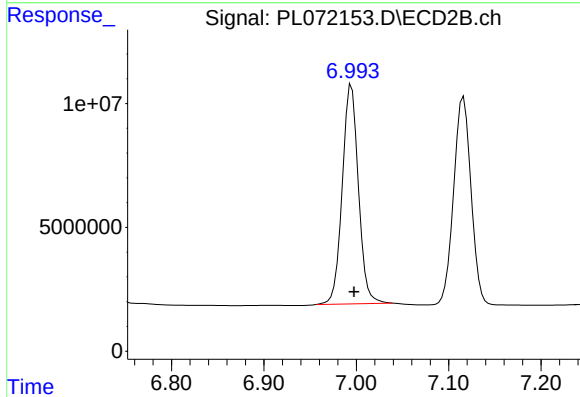
R.T.: 6.730 min  
Delta R.T.: -0.003 min  
Response: 50200243  
Conc: 50.70 ng/ml



#7 delta-BHC

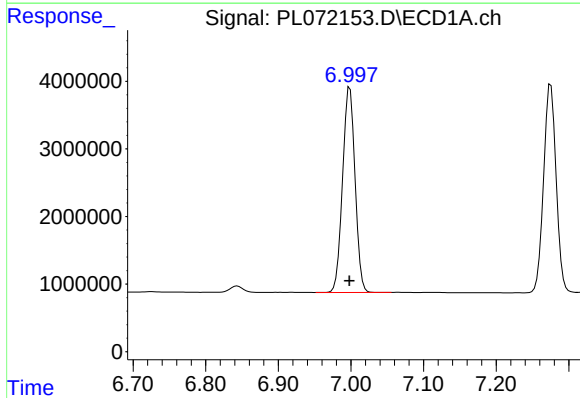
R.T.: 6.334 min  
Delta R.T.: 0.002 min  
Response: 37090876  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



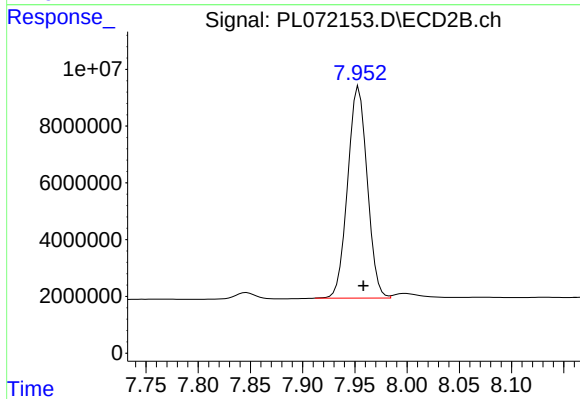
#7 delta-BHC

R.T.: 6.995 min  
Delta R.T.: -0.003 min  
Response: 107757305  
Conc: 43.80 ng/ml



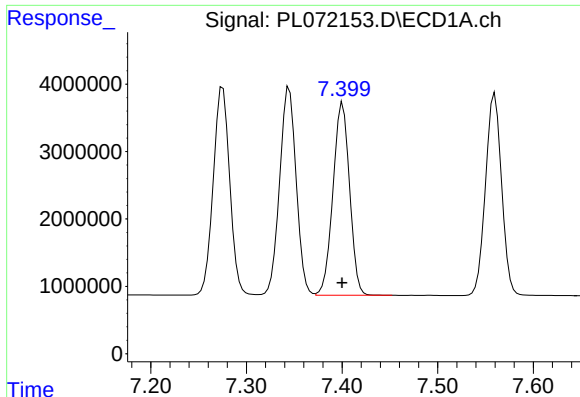
#8 Heptachlor epoxide

R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 36267961  
Conc: 47.64 ng/ml



#8 Heptachlor epoxide

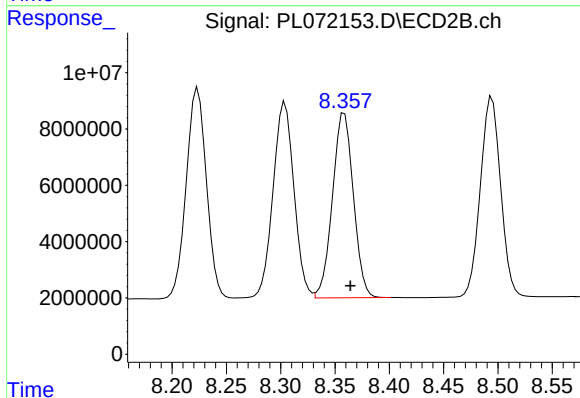
R.T.: 7.954 min  
Delta R.T.: -0.004 min  
Response: 97086419  
Conc: 48.49 ng/ml



#9 Endosulfan I

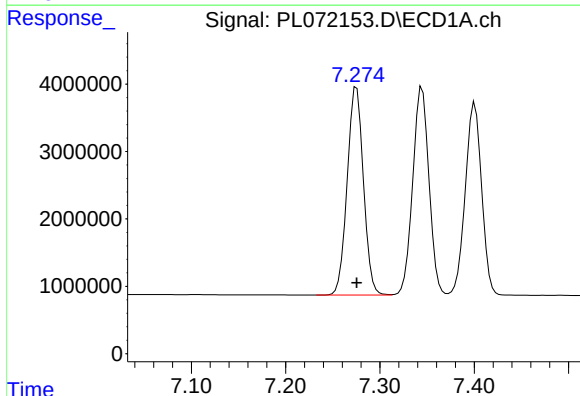
R.T.: 7.401 min  
Delta R.T.: 0.000 min  
Response: 34392279  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



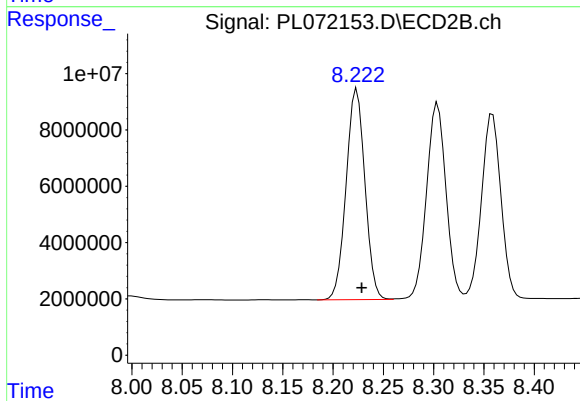
#9 Endosulfan I

R.T.: 8.359 min  
Delta R.T.: -0.006 min  
Response: 88078865  
Conc: 48.66 ng/ml



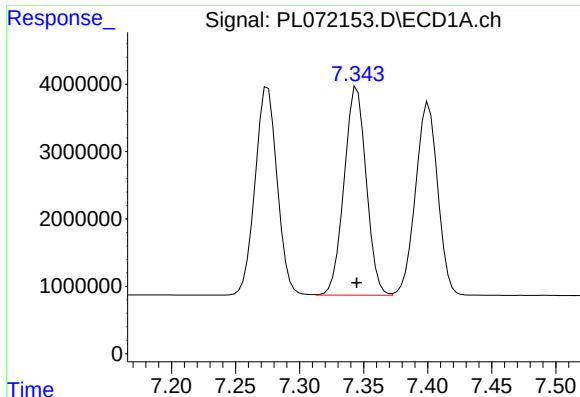
#10 gamma-Chlordane

R.T.: 7.275 min  
Delta R.T.: 0.000 min  
Response: 36991025  
Conc: 47.08 ng/ml



#10 gamma-Chlordane

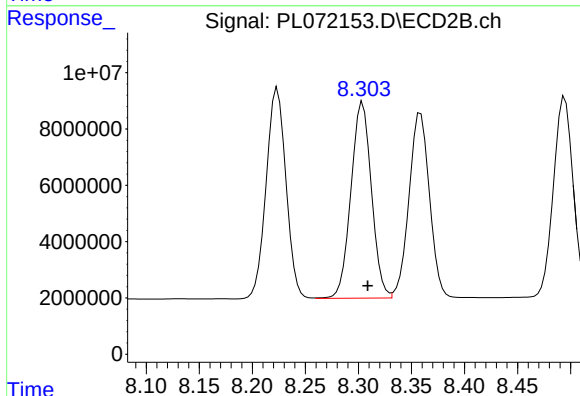
R.T.: 8.224 min  
Delta R.T.: -0.005 min  
Response: 97113768  
Conc: 48.06 ng/ml



#11 alpha-Chlordane

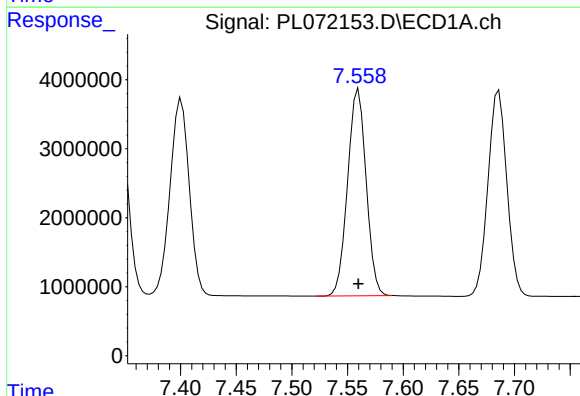
R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 37023807  
Conc: 47.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



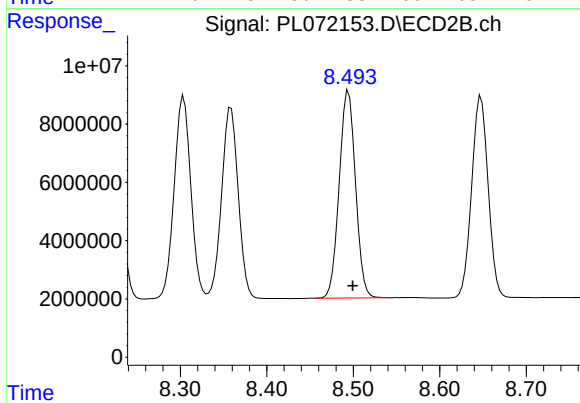
#11 alpha-Chlordane

R.T.: 8.304 min  
Delta R.T.: -0.005 min  
Response: 93796439  
Conc: 47.31 ng/ml



#12 4,4'-DDE

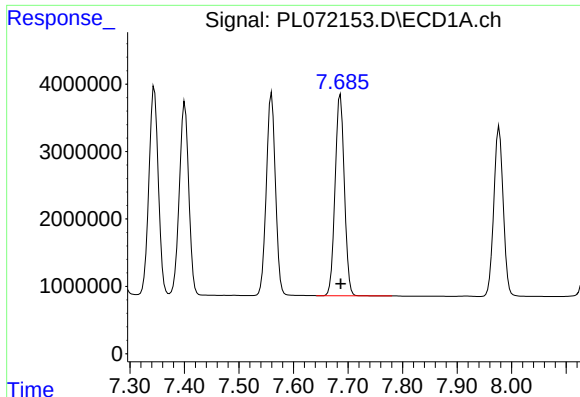
R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 34773405  
Conc: 48.16 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min  
Delta R.T.: -0.005 min  
Response: 92586850  
Conc: 48.96 ng/ml

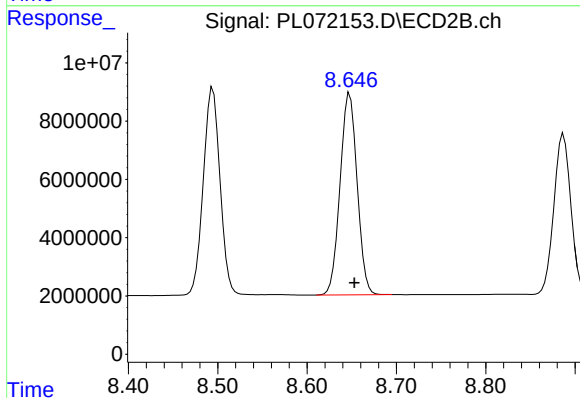




#13 Dieldrin

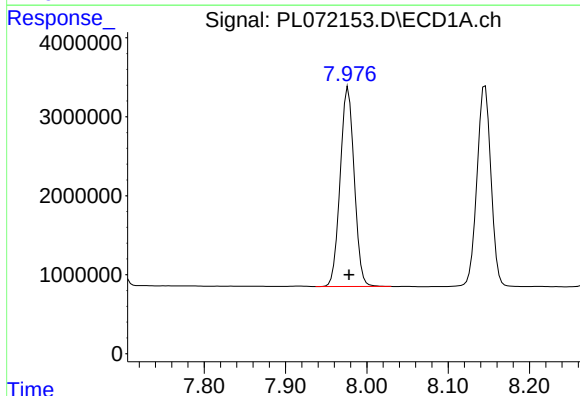
R.T.: 7.686 min  
Delta R.T.: 0.000 min  
Response: 35324001  
Conc: 46.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



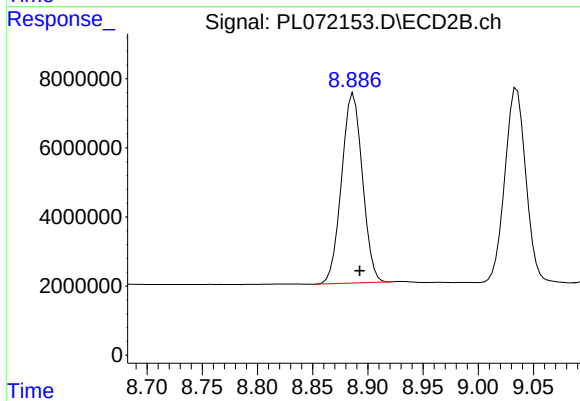
#13 Dieldrin

R.T.: 8.648 min  
Delta R.T.: -0.005 min  
Response: 91755010  
Conc: 46.70 ng/ml



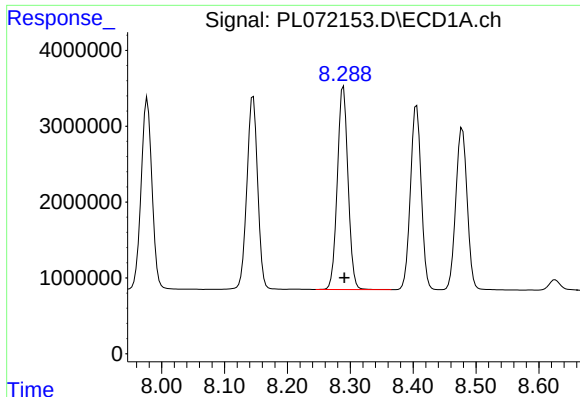
#14 Endrin

R.T.: 7.977 min  
Delta R.T.: -0.001 min  
Response: 30253742  
Conc: 43.18 ng/ml



#14 Endrin

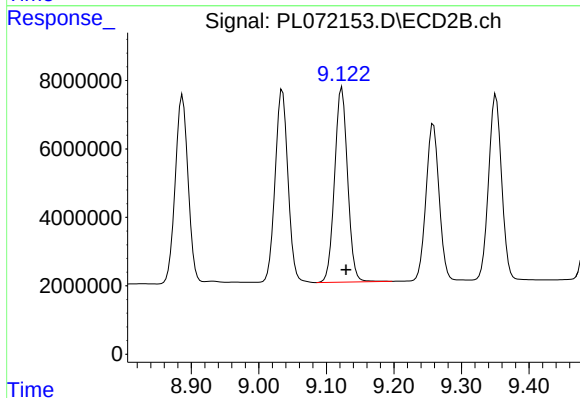
R.T.: 8.887 min  
Delta R.T.: -0.006 min  
Response: 72079875  
Conc: 43.47 ng/ml



#15 Endosulfan II

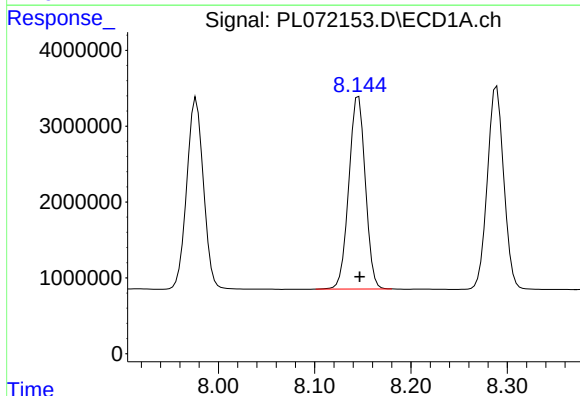
R.T.: 8.289 min  
Delta R.T.: -0.002 min  
Response: 31812677  
Conc: 42.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



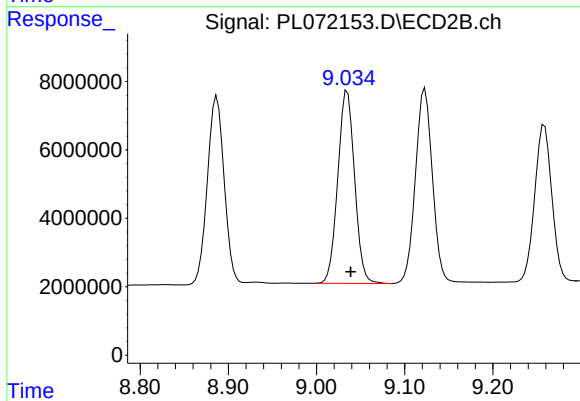
#15 Endosulfan II

R.T.: 9.123 min  
Delta R.T.: -0.006 min  
Response: 76298636  
Conc: 44.49 ng/ml



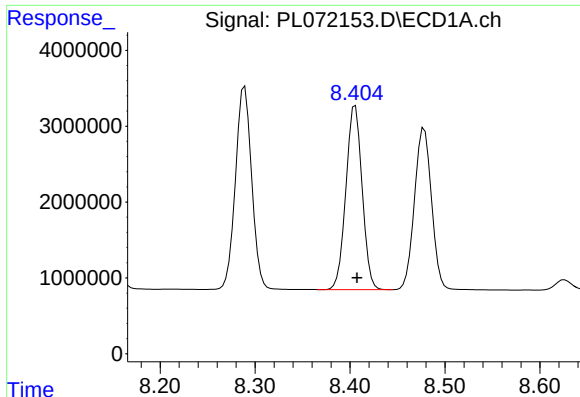
#16 4,4'-DDD

R.T.: 8.146 min  
Delta R.T.: -0.001 min  
Response: 30127916  
Conc: 51.39 ng/ml



#16 4,4'-DDD

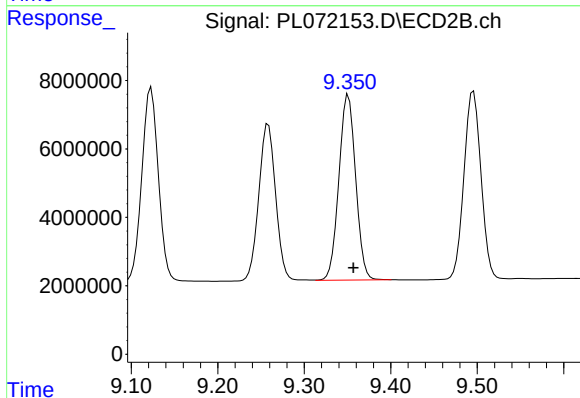
R.T.: 9.035 min  
Delta R.T.: -0.004 min  
Response: 74662867  
Conc: 52.22 ng/ml



#17 4,4'-DDT

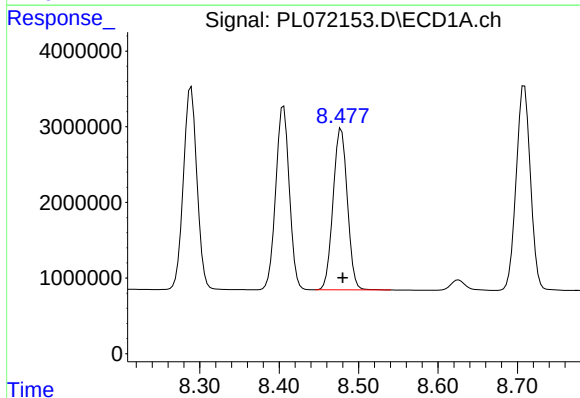
R.T.: 8.406 min  
Delta R.T.: -0.002 min  
Response: 28817239  
Conc: 43.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



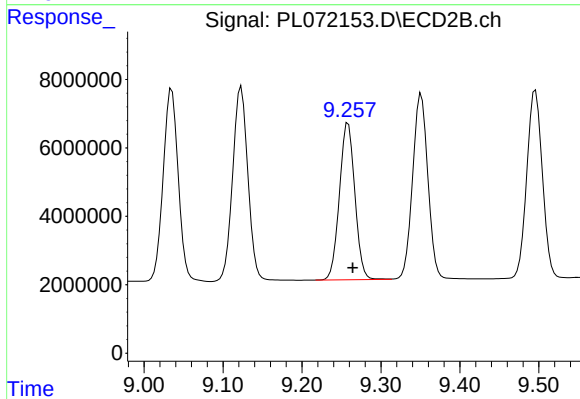
#17 4,4'-DDT

R.T.: 9.351 min  
Delta R.T.: -0.006 min  
Response: 72491858  
Conc: 45.87 ng/ml



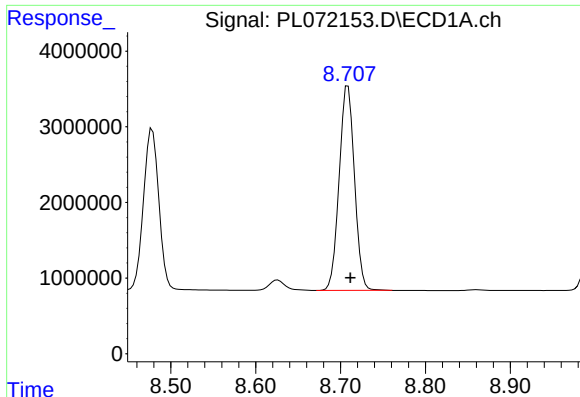
#18 Endrin aldehyde

R.T.: 8.478 min  
Delta R.T.: -0.002 min  
Response: 26681496  
Conc: 46.83 ng/ml



#18 Endrin aldehyde

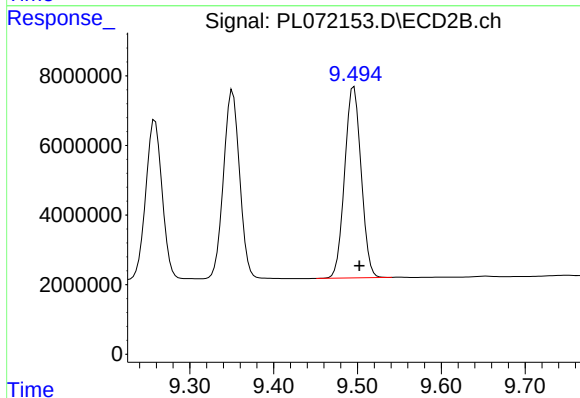
R.T.: 9.258 min  
Delta R.T.: -0.006 min  
Response: 62208776  
Conc: 50.11 ng/ml



#19 Endosulfan Sulfate

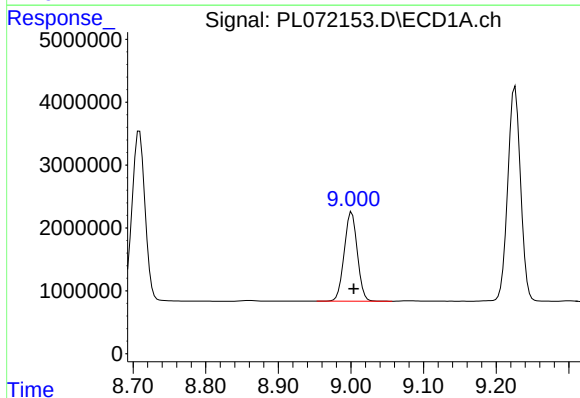
R.T.: 8.709 min  
Delta R.T.: -0.003 min  
Response: 33830453  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



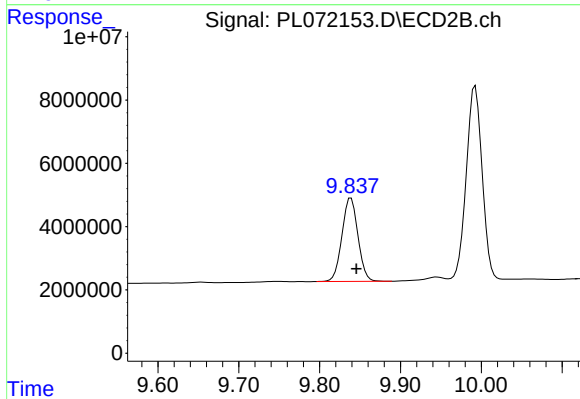
#19 Endosulfan Sulfate

R.T.: 9.496 min  
Delta R.T.: -0.006 min  
Response: 75277162  
Conc: 48.22 ng/ml



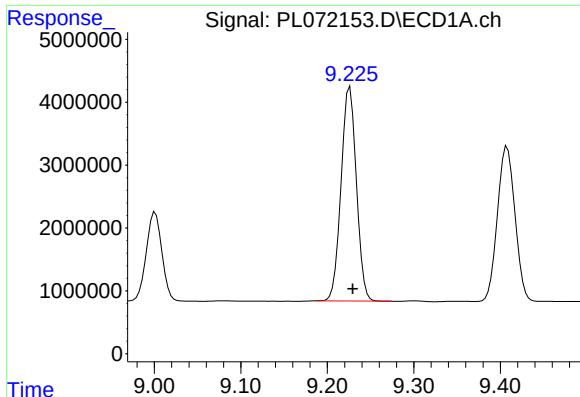
#20 Methoxychlor

R.T.: 9.001 min  
Delta R.T.: -0.003 min  
Response: 17788772  
Conc: 42.16 ng/ml



#20 Methoxychlor

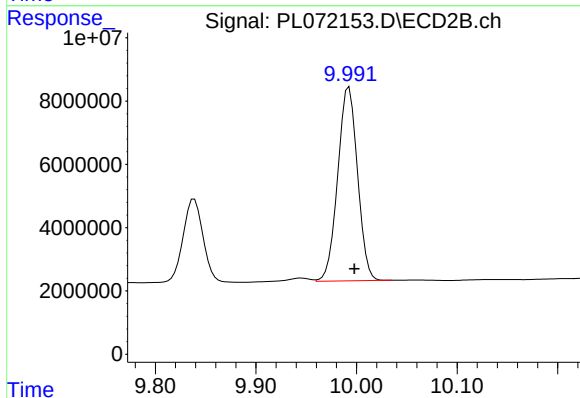
R.T.: 9.839 min  
Delta R.T.: -0.007 min  
Response: 36220112  
Conc: 43.73 ng/ml



#21 Endrin ketone

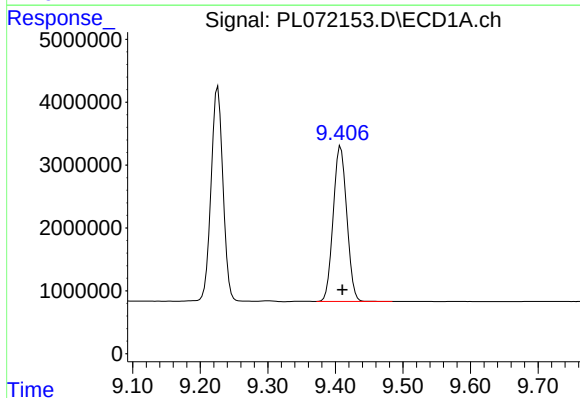
R.T.: 9.226 min  
Delta R.T.: -0.003 min  
Response: 41577743  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



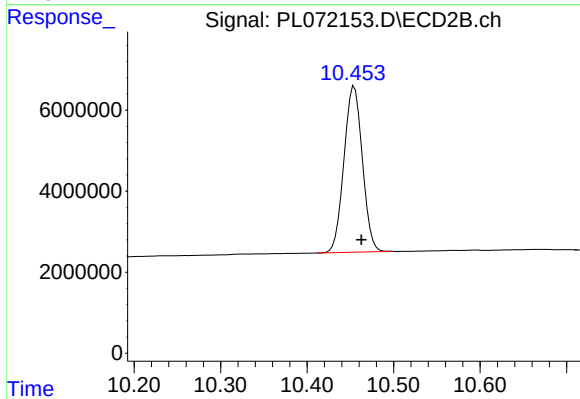
#21 Endrin ketone

R.T.: 9.993 min  
Delta R.T.: -0.005 min  
Response: 83629126  
Conc: 50.53 ng/ml



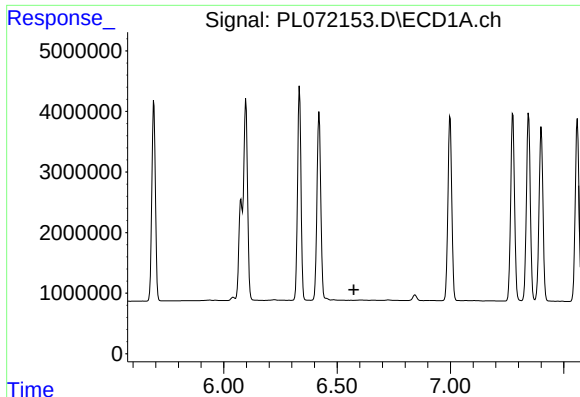
#22 Mirex

R.T.: 9.408 min  
Delta R.T.: -0.003 min  
Response: 34683744  
Conc: 46.97 ng/ml



#22 Mirex

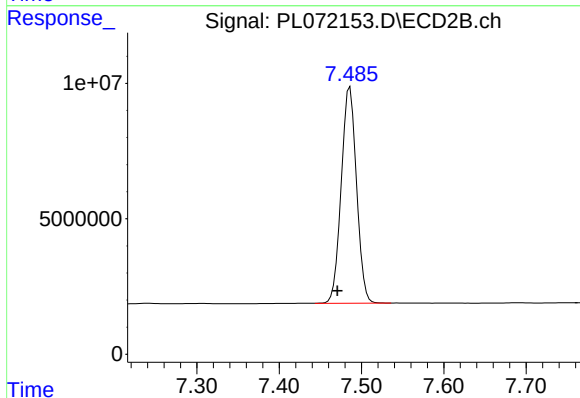
R.T.: 10.454 min  
Delta R.T.: -0.008 min  
Response: 60392009  
Conc: 48.40 ng/ml



#24 Chlordane-2

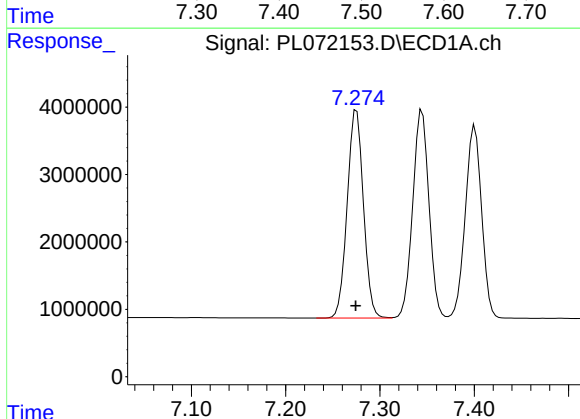
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



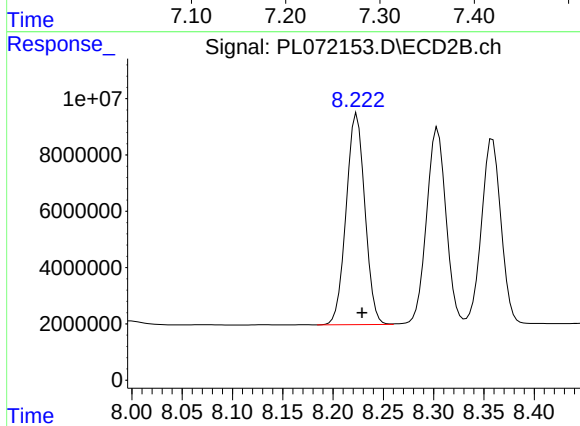
#24 Chlordane-2

R.T.: 7.486 min  
Delta R.T.: 0.015 min  
Response: 103203914  
Conc: 1476.57 ng/ml



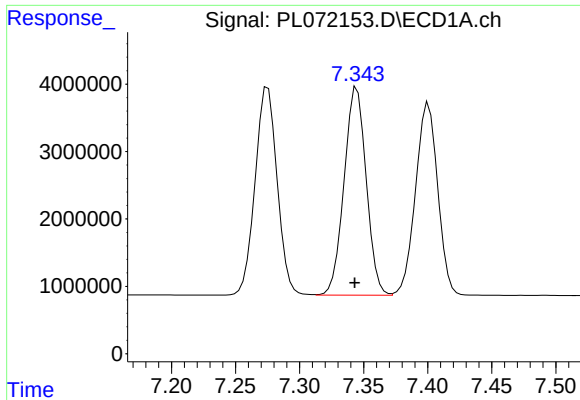
#25 Chlordane-3

R.T.: 7.275 min  
Delta R.T.: 0.000 min  
Response: 36991025  
Conc: 483.49 ng/ml



#25 Chlordane-3

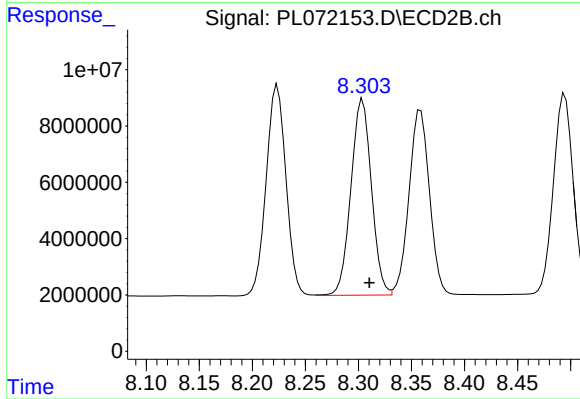
R.T.: 8.224 min  
Delta R.T.: -0.005 min  
Response: 97113768  
Conc: 349.54 ng/ml



#26 Chlordane-4

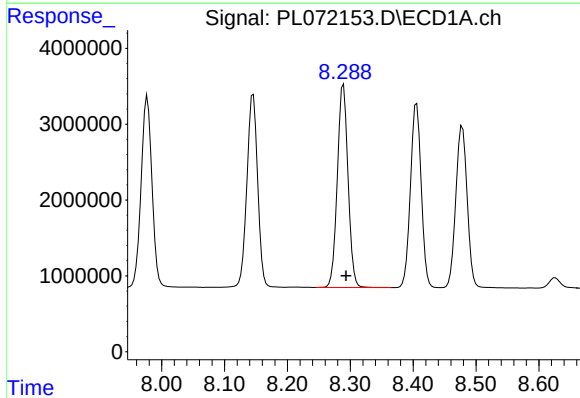
R.T.: 7.345 min  
Delta R.T.: 0.002 min  
Response: 37023807  
Conc: 448.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



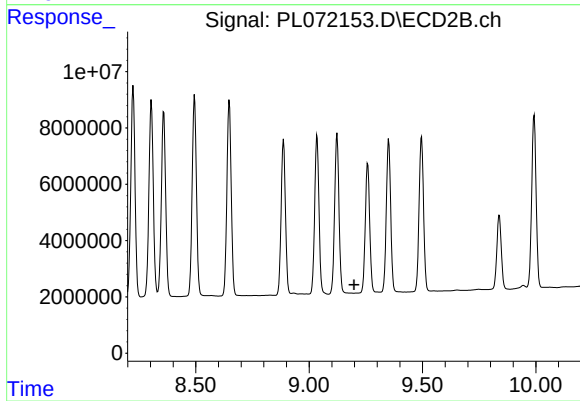
#26 Chlordane-4

R.T.: 8.304 min  
Delta R.T.: -0.006 min  
Response: 93796439  
Conc: 282.46 ng/ml



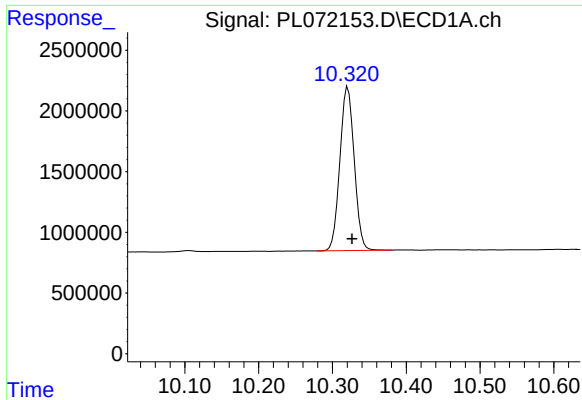
#27 Chlordane-5

R.T.: 8.289 min  
Delta R.T.: -0.004 min  
Response: 31812677  
Conc: 1091.58 ng/ml



#27 Chlordane-5

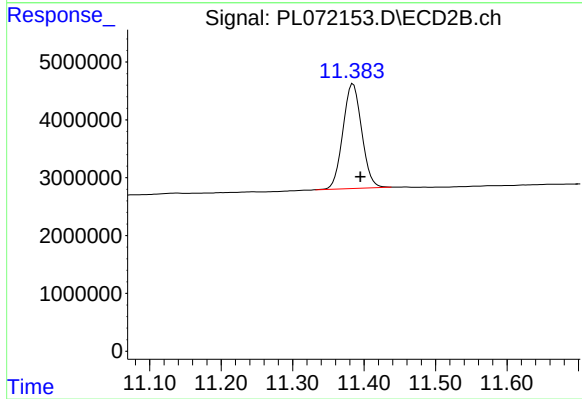
R.T.: 0.000 min  
Exp R.T. : 9.198 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.321 min  
Delta R.T.: -0.006 min  
Response: 18175704  
Conc: 20.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.385 min  
Delta R.T.: -0.010 min  
Response: 33078664  
Conc: 20.50 ng/ml