

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020222\  
 Data File : PL072409.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2022 09:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 03 00:32:28 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... | 4.562  | 5.491  | 24939992 | 82877608 | 44.922   | 51.029     |
| 28)                         | SA Decachlor... | 10.318 | 11.383 | 38906651 | 72364683 | 43.792   | 44.849     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.267  | 6.074  | 34968058 | 121.7E6  | 45.224   | 50.437     |
| 3)                          | MA gamma-BHC... | 5.690  | 6.470  | 34013798 | 113.9E6  | 45.110   | 50.605     |
| 4)                          | MA Heptachlor   | 6.096  | 7.115  | 53626532 | 114.3E6  | 62.162   | 49.288     |
| 5)                          | MB Aldrin       | 6.419  | 7.485  | 35392095 | 108.8E6  | 44.821   | 49.219     |
| 6)                          | B beta-BHC      | 6.096f | 6.730  | 53626532 | 51052704 | 162.228  | 51.562 #   |
| 7)                          | B delta-BHC     | 6.333  | 6.995  | 36347371 | 115.9E6  | 45.885   | 47.128     |
| 8)                          | B Heptachlo...  | 6.997  | 7.953  | 34555758 | 96055569 | 45.395   | 47.973     |
| 9)                          | A Endosulfan I  | 7.398  | 8.358  | 32283700 | 84773760 | 45.425   | 46.834     |
| 10)                         | B gamma-Chl...  | 7.273  | 8.223  | 35168251 | 94746482 | 44.759   | 46.885     |
| 11)                         | B alpha-Chl...  | 7.343  | 8.303  | 35196682 | 92543230 | 44.865   | 46.673     |
| 12)                         | B 4,4'-DDE      | 7.558  | 8.494  | 34026557 | 90009803 | 47.129   | 47.593     |
| 13)                         | MA Dieldrin     | 7.684  | 8.647  | 34708937 | 90688079 | 45.813   | 46.161     |
| 14)                         | MA Endrin       | 7.975  | 8.886  | 31671915 | 74277661 | 45.203   | 44.799     |
| 15)                         | B Endosulfa...  | 8.288  | 9.122  | 32555980 | 76562788 | 43.786   | 44.645     |
| 16)                         | A 4,4'-DDD      | 8.144  | 9.034  | 27437750 | 67323834 | 46.804   | 47.087     |
| 17)                         | MA 4,4'-DDT     | 8.404  | 9.350  | 29770543 | 70880777 | 44.830   | 44.846     |
| 18)                         | B Endrin al...  | 8.476  | 9.257  | 24775220 | 56862461 | 43.484   | 45.806     |
| 19)                         | B Endosulfa...  | 8.708  | 9.495  | 31951402 | 69494147 | 43.579   | 44.515     |
| 20)                         | A Methoxychlor  | 9.000  | 9.838  | 18868635 | 36938443 | 44.723   | 44.593     |
| 21)                         | B Endrin ke...  | 9.225  | 9.992  | 37647421 | 73567672 | 45.211   | 44.452     |
| 22)                         | Mirex           | 9.406  | 10.454 | 31331884 | 52285138 | 42.427   | 41.903     |
| 23)                         | Chlordane-1     | 0.000  | 6.894f | 0        | 83572    | N.D.     | 1.281 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.485  | 0        | 108.8E6  | N.D.     | 1557.139 # |
| 25)                         | Chlordane-3     | 7.273  | 8.223  | 35168251 | 94746482 | 459.664  | 341.020 #  |
| 26)                         | Chlordane-4     | 7.343  | 8.303  | 35196682 | 92543230 | 426.606  | 278.686 #  |
| 27)                         | Chlordane-5     | 8.288  | 0.000  | 32555980 | 0        | 1117.090 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

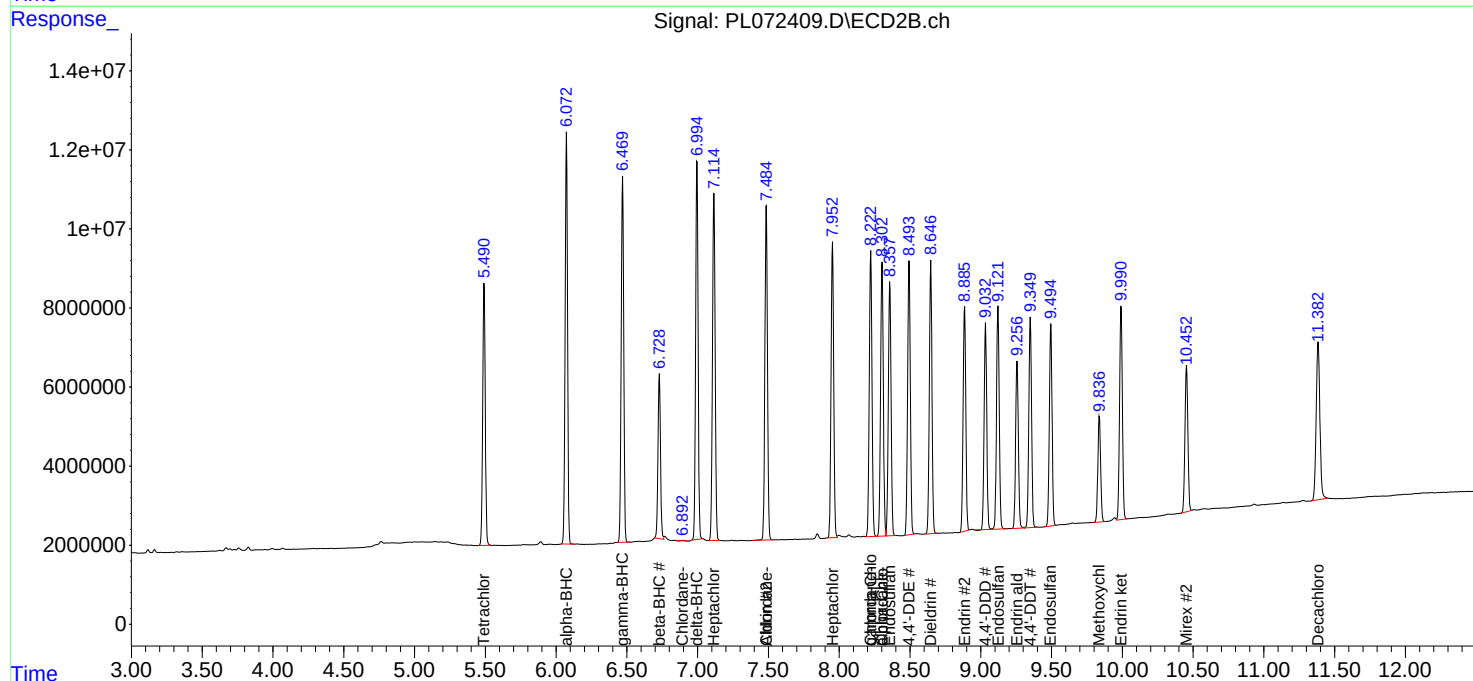
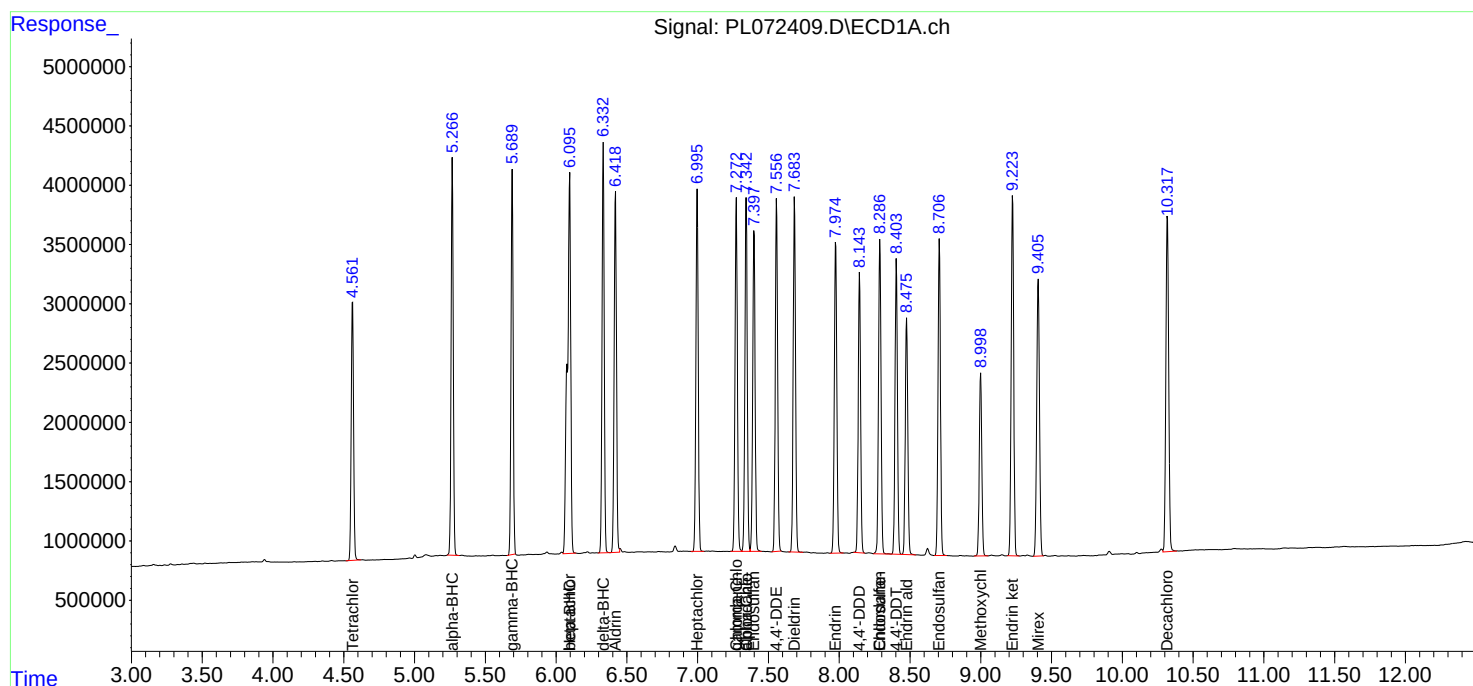
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

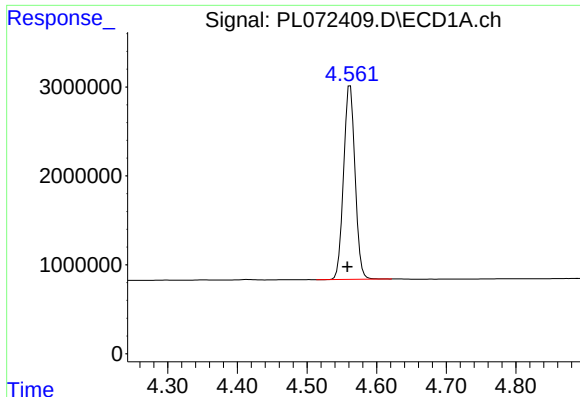
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072409.D  
 Data File : PL072409.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Feb 2022 09:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 03 00:32:28 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

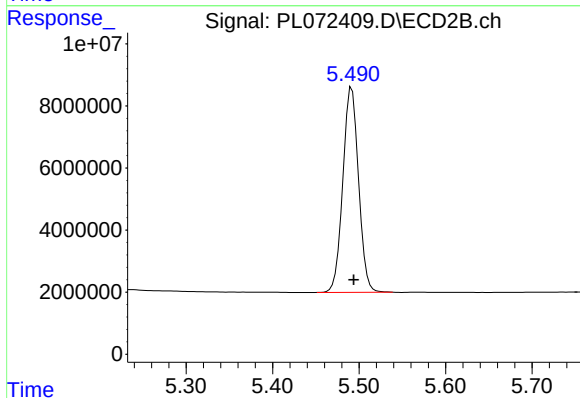




#1 Tetrachloro-m-xylene

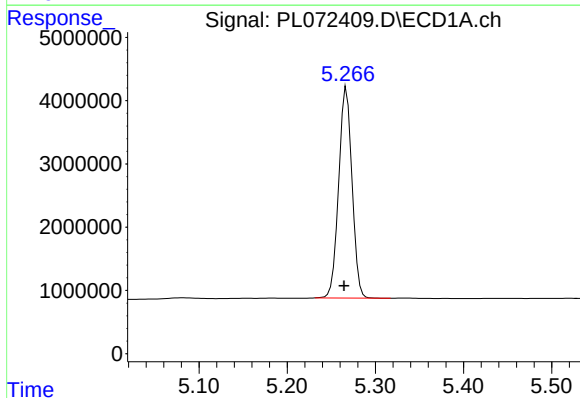
R.T.: 4.562 min  
Delta R.T.: 0.004 min  
Response: 24939992  
Conc: 44.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



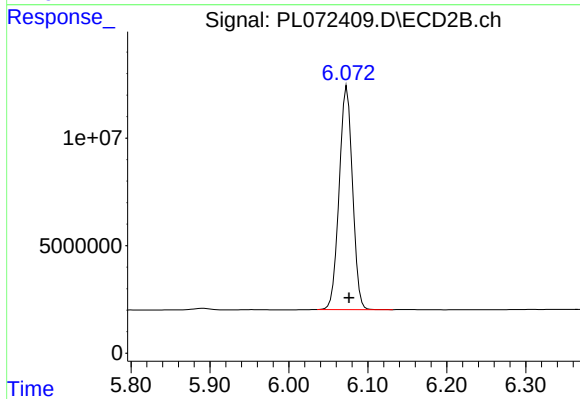
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: -0.003 min  
Response: 82877608  
Conc: 51.03 ng/ml



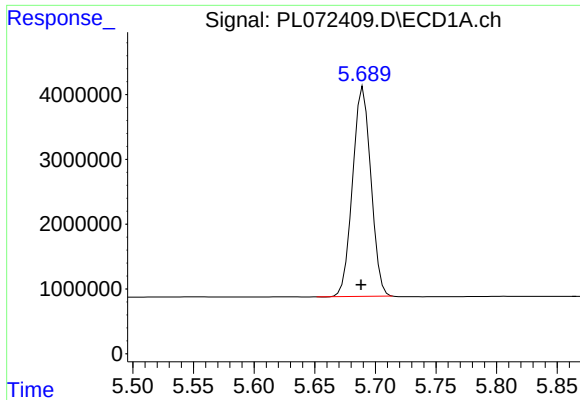
#2 alpha-BHC

R.T.: 5.267 min  
Delta R.T.: 0.003 min  
Response: 34968058  
Conc: 45.22 ng/ml



#2 alpha-BHC

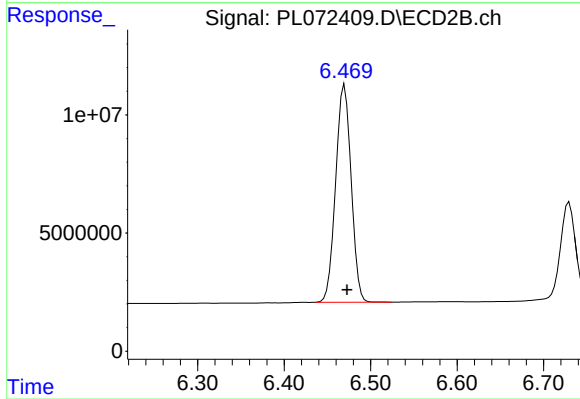
R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 121698345  
Conc: 50.44 ng/ml



#3 gamma-BHC (Lindane)

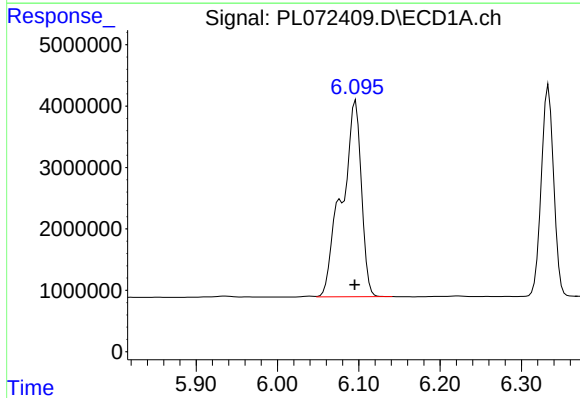
R.T.: 5.690 min  
Delta R.T.: 0.002 min  
Response: 34013798  
Conc: 45.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



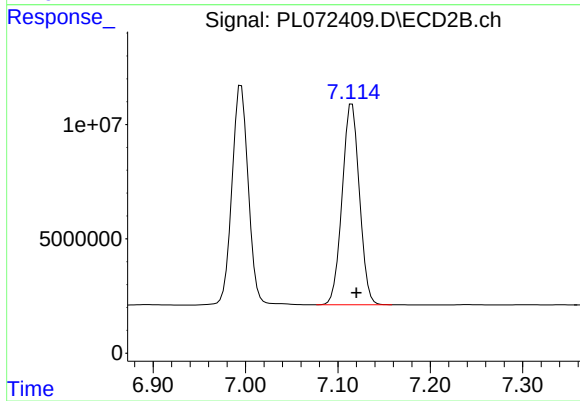
#3 gamma-BHC (Lindane)

R.T.: 6.470 min  
Delta R.T.: -0.003 min  
Response: 113878359  
Conc: 50.61 ng/ml



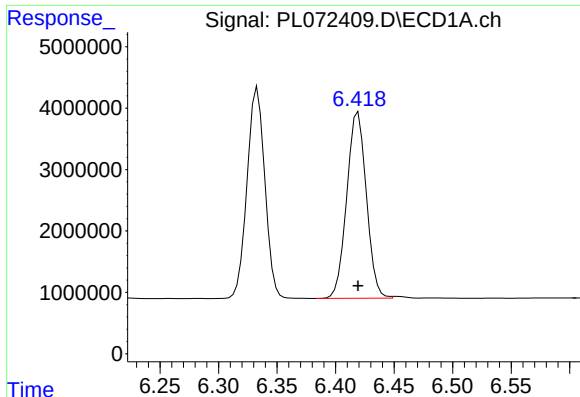
#4 Heptachlor

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 53626532  
Conc: 62.16 ng/ml



#4 Heptachlor

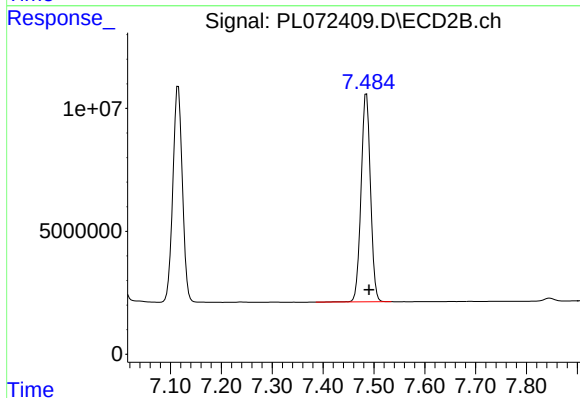
R.T.: 7.115 min  
Delta R.T.: -0.004 min  
Response: 114274218  
Conc: 49.29 ng/ml



#5 Aldrin

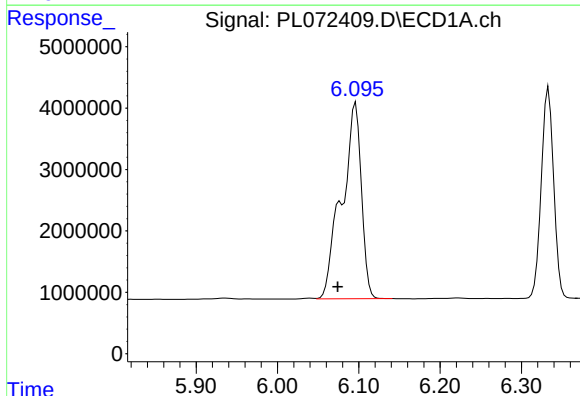
R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 35392095  
Conc: 44.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



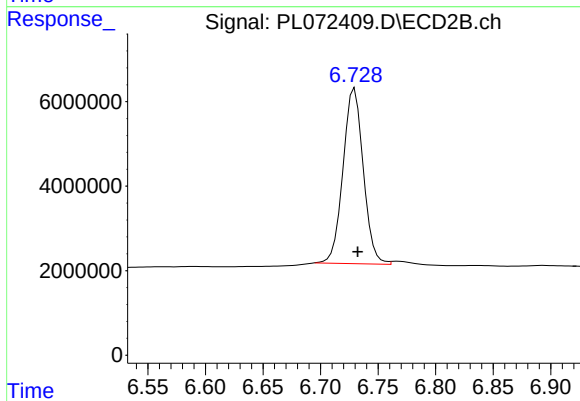
#5 Aldrin

R.T.: 7.485 min  
Delta R.T.: -0.005 min  
Response: 108835150  
Conc: 49.22 ng/ml



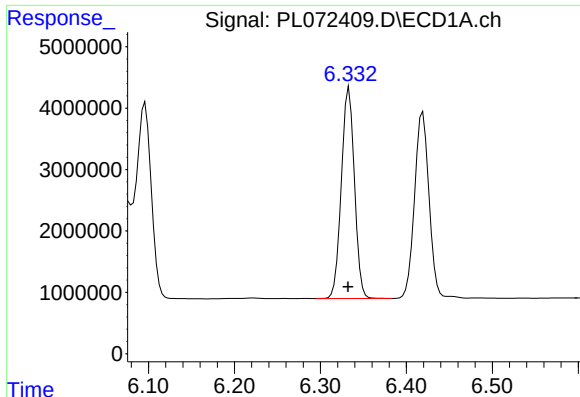
#6 beta-BHC

R.T.: 6.096 min  
Delta R.T.: 0.022 min  
Response: 53626532  
Conc: 162.23 ng/ml



#6 beta-BHC

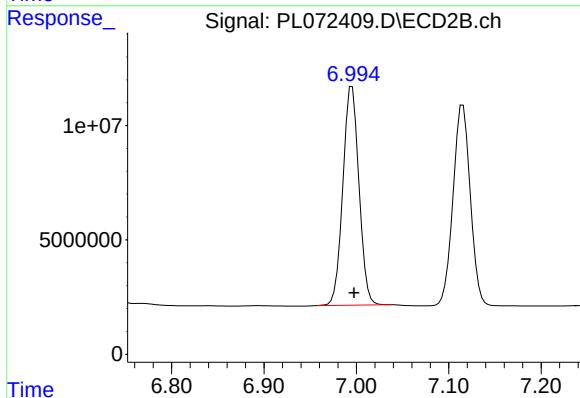
R.T.: 6.730 min  
Delta R.T.: -0.003 min  
Response: 51052704  
Conc: 51.56 ng/ml



#7 delta-BHC

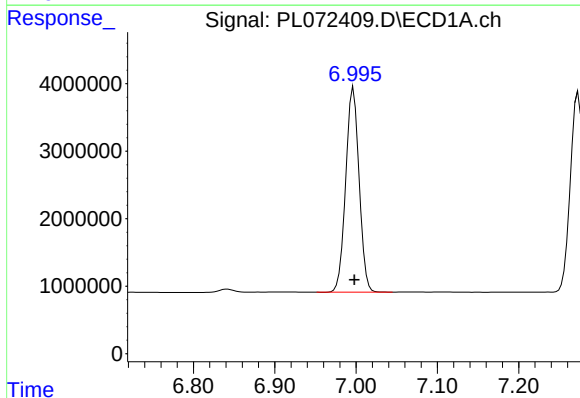
R.T.: 6.333 min  
Delta R.T.: 0.001 min  
Response: 36347371  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



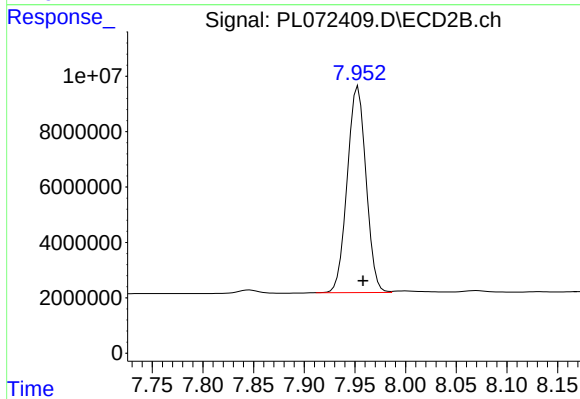
#7 delta-BHC

R.T.: 6.995 min  
Delta R.T.: -0.002 min  
Response: 115949025  
Conc: 47.13 ng/ml



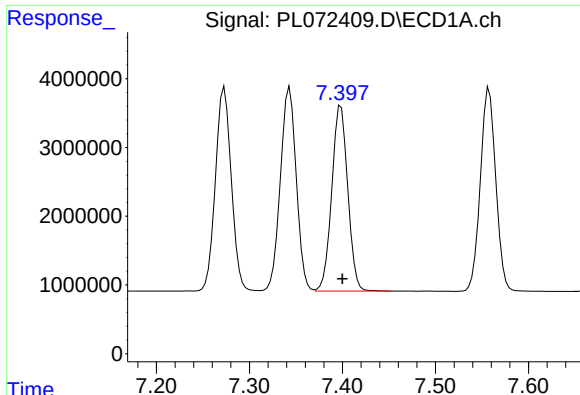
#8 Heptachlor epoxide

R.T.: 6.997 min  
Delta R.T.: -0.001 min  
Response: 34555758  
Conc: 45.39 ng/ml



#8 Heptachlor epoxide

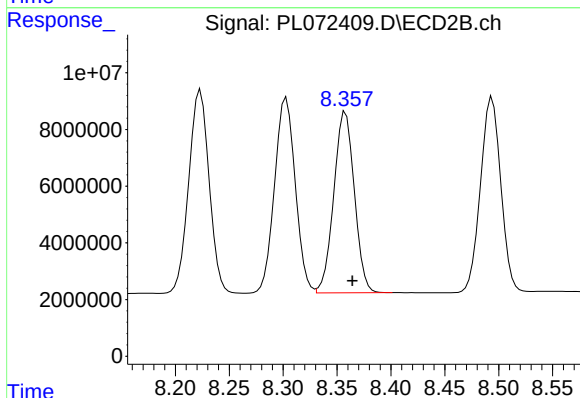
R.T.: 7.953 min  
Delta R.T.: -0.005 min  
Response: 96055569  
Conc: 47.97 ng/ml



#9 Endosulfan I

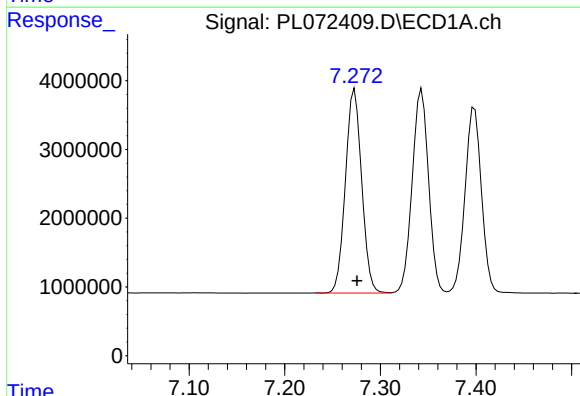
R.T.: 7.398 min  
Delta R.T.: -0.002 min  
Response: 32283700  
Conc: 45.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



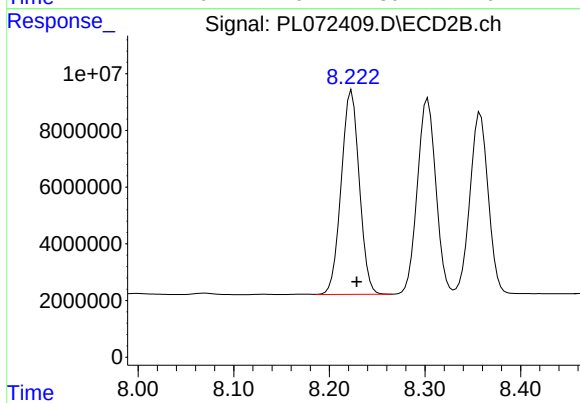
#9 Endosulfan I

R.T.: 8.358 min  
Delta R.T.: -0.006 min  
Response: 84773760  
Conc: 46.83 ng/ml



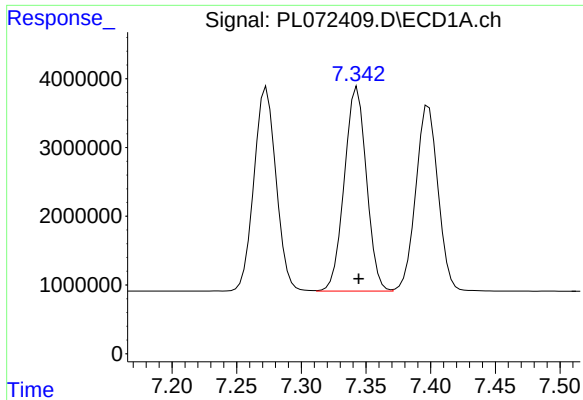
#10 gamma-Chlordane

R.T.: 7.273 min  
Delta R.T.: -0.002 min  
Response: 35168251  
Conc: 44.76 ng/ml



#10 gamma-Chlordane

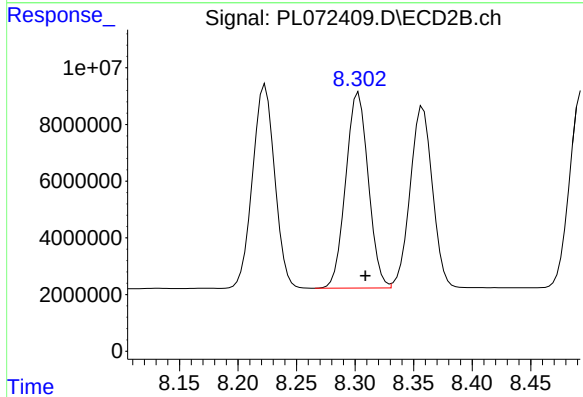
R.T.: 8.223 min  
Delta R.T.: -0.005 min  
Response: 94746482  
Conc: 46.89 ng/ml



#11 alpha-Chlordane

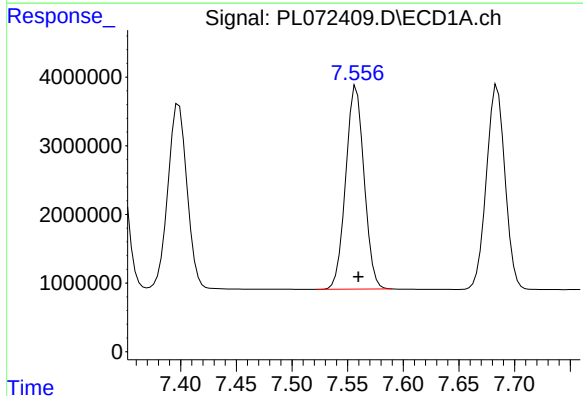
R.T.: 7.343 min  
Delta R.T.: -0.001 min  
Response: 35196682  
Conc: 44.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



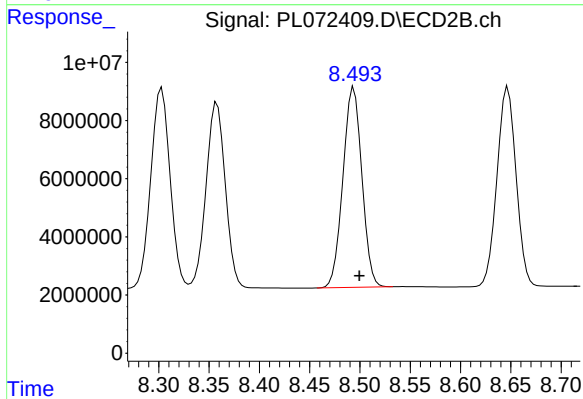
#11 alpha-Chlordane

R.T.: 8.303 min  
Delta R.T.: -0.006 min  
Response: 92543230  
Conc: 46.67 ng/ml



#12 4,4'-DDE

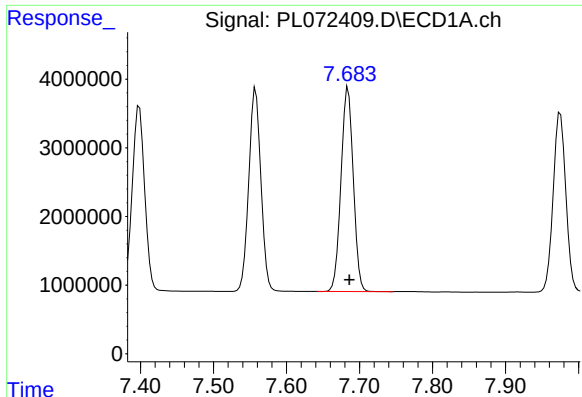
R.T.: 7.558 min  
Delta R.T.: -0.002 min  
Response: 34026557  
Conc: 47.13 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min  
Delta R.T.: -0.005 min  
Response: 90009803  
Conc: 47.59 ng/ml

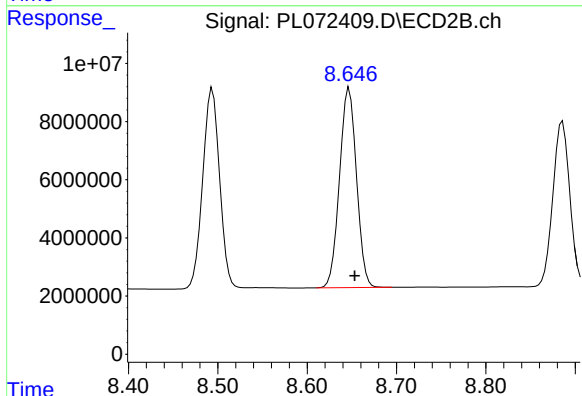




#13 Dieldrin

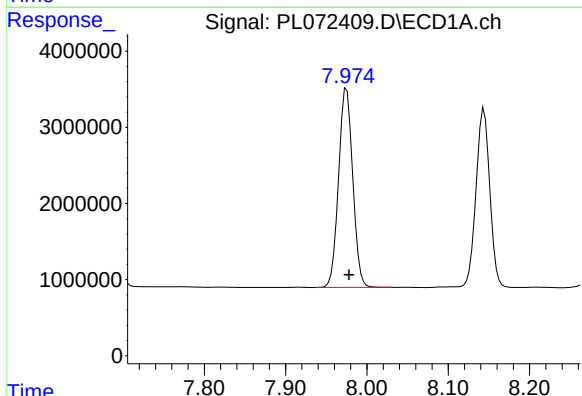
R.T.: 7.684 min  
Delta R.T.: -0.002 min  
Response: 34708937  
Conc: 45.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



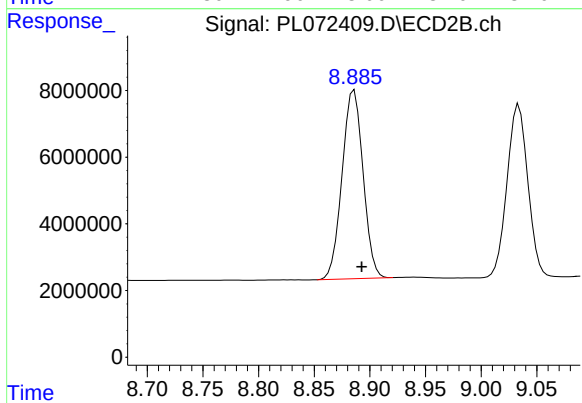
#13 Dieldrin

R.T.: 8.647 min  
Delta R.T.: -0.006 min  
Response: 90688079  
Conc: 46.16 ng/ml



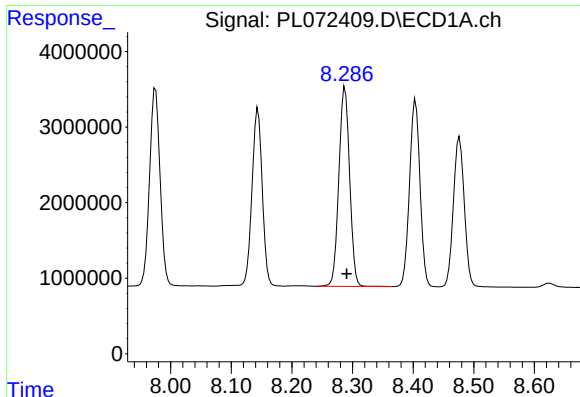
#14 Endrin

R.T.: 7.975 min  
Delta R.T.: -0.003 min  
Response: 31671915  
Conc: 45.20 ng/ml



#14 Endrin

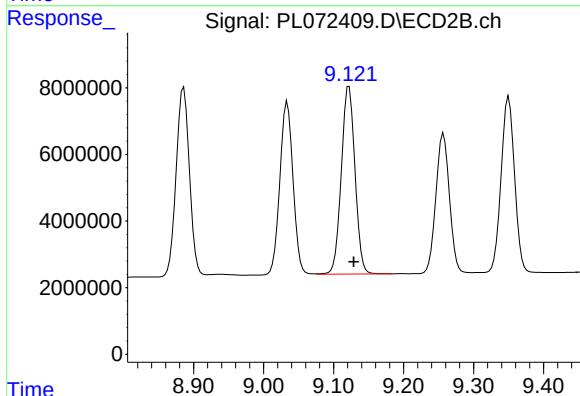
R.T.: 8.886 min  
Delta R.T.: -0.007 min  
Response: 74277661  
Conc: 44.80 ng/ml



#15 Endosulfan II

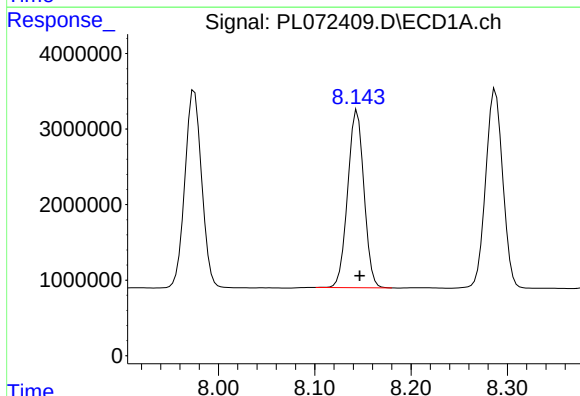
R.T.: 8.288 min  
Delta R.T.: -0.003 min  
Response: 32555980  
Conc: 43.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



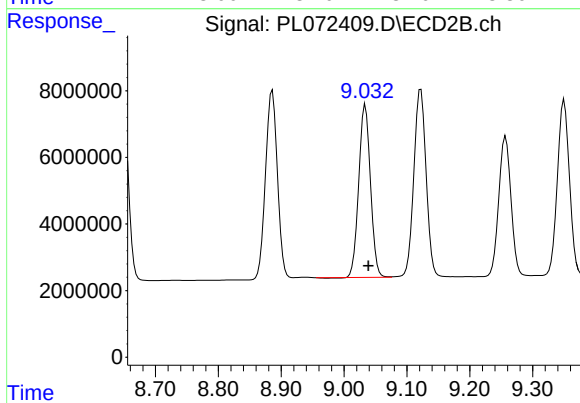
#15 Endosulfan II

R.T.: 9.122 min  
Delta R.T.: -0.007 min  
Response: 76562788  
Conc: 44.65 ng/ml



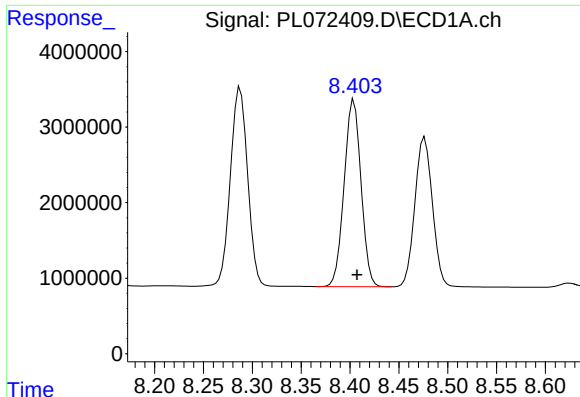
#16 4,4'-DDD

R.T.: 8.144 min  
Delta R.T.: -0.003 min  
Response: 27437750  
Conc: 46.80 ng/ml



#16 4,4'-DDD

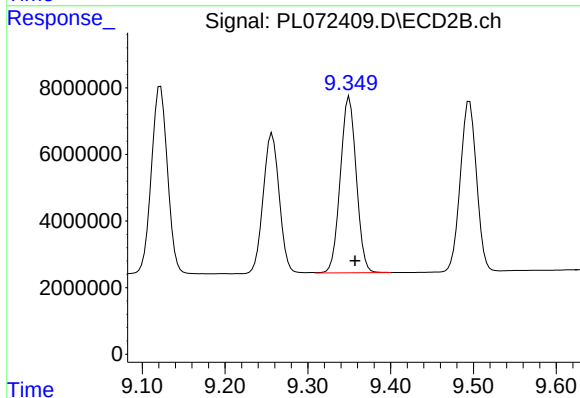
R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 67323834  
Conc: 47.09 ng/ml



#17 4,4'-DDT

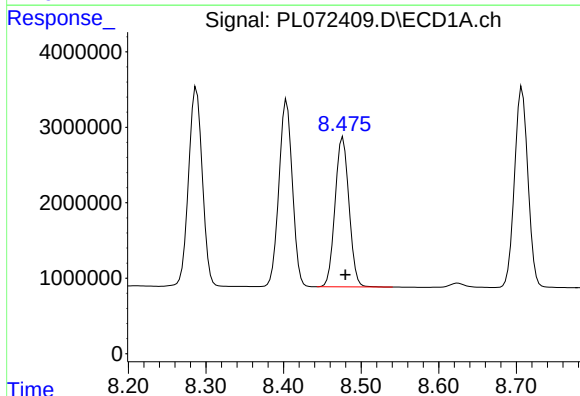
R.T.: 8.404 min  
Delta R.T.: -0.003 min  
Response: 29770543  
Conc: 44.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



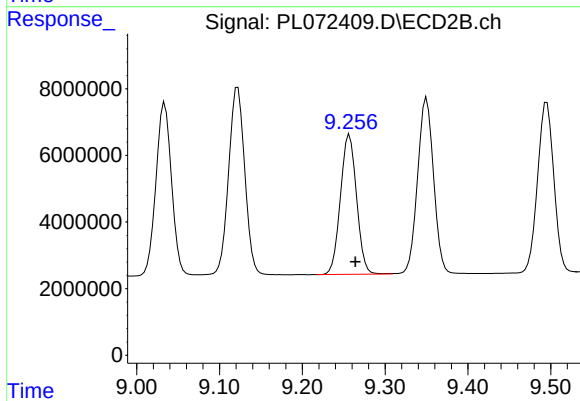
#17 4,4'-DDT

R.T.: 9.350 min  
Delta R.T.: -0.007 min  
Response: 70880777  
Conc: 44.85 ng/ml



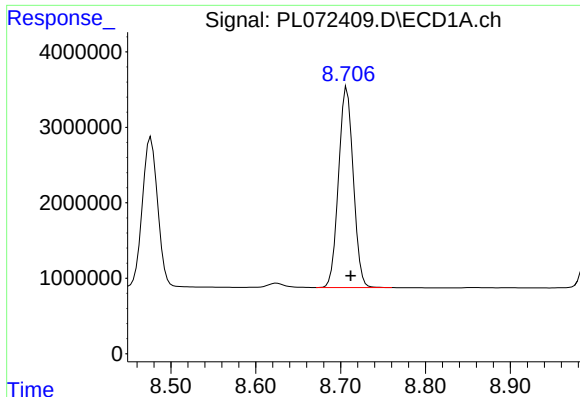
#18 Endrin aldehyde

R.T.: 8.476 min  
Delta R.T.: -0.003 min  
Response: 24775220  
Conc: 43.48 ng/ml



#18 Endrin aldehyde

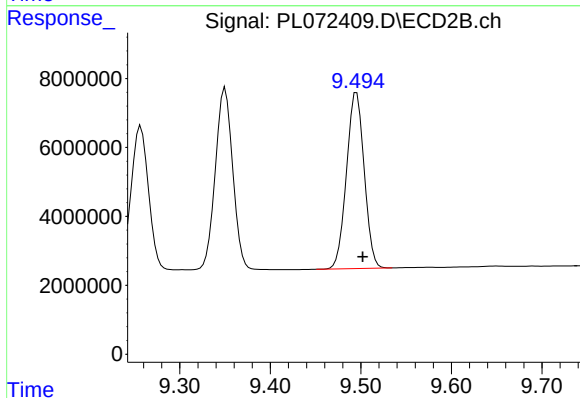
R.T.: 9.257 min  
Delta R.T.: -0.007 min  
Response: 56862461  
Conc: 45.81 ng/ml



#19 Endosulfan Sulfate

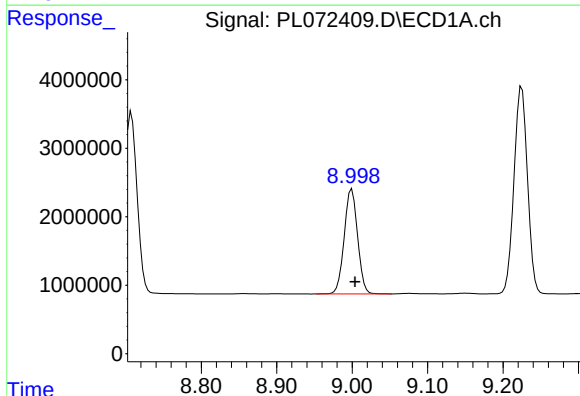
R.T.: 8.708 min  
Delta R.T.: -0.004 min  
Response: 31951402  
Conc: 43.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



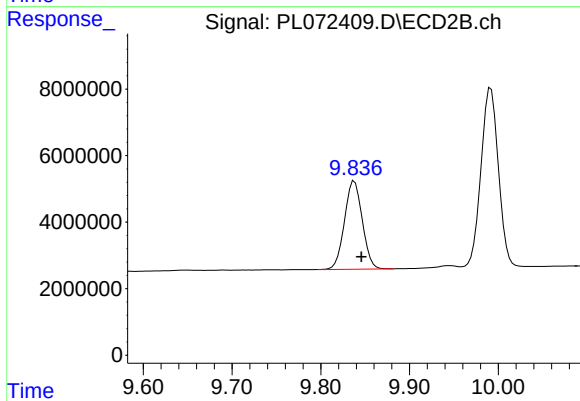
#19 Endosulfan Sulfate

R.T.: 9.495 min  
Delta R.T.: -0.007 min  
Response: 69494147  
Conc: 44.51 ng/ml



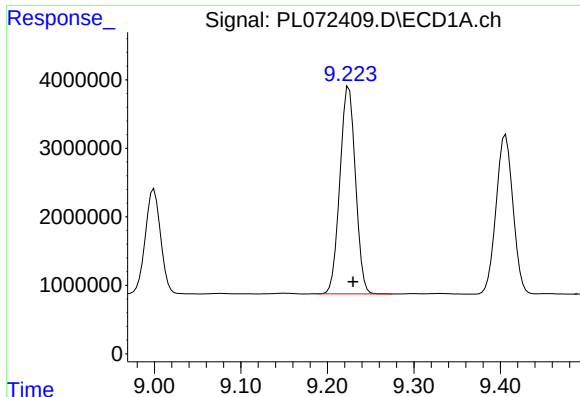
#20 Methoxychlor

R.T.: 9.000 min  
Delta R.T.: -0.004 min  
Response: 18868635  
Conc: 44.72 ng/ml



#20 Methoxychlor

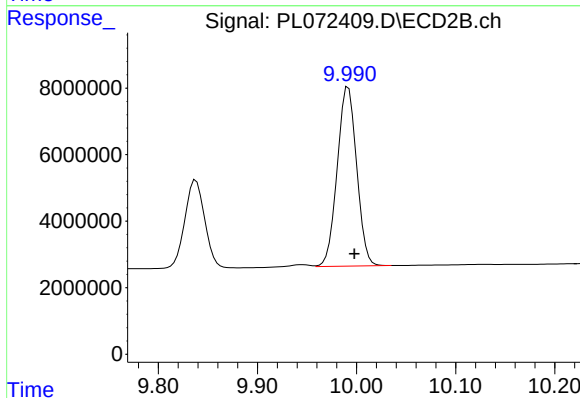
R.T.: 9.838 min  
Delta R.T.: -0.008 min  
Response: 36938443  
Conc: 44.59 ng/ml



#21 Endrin ketone

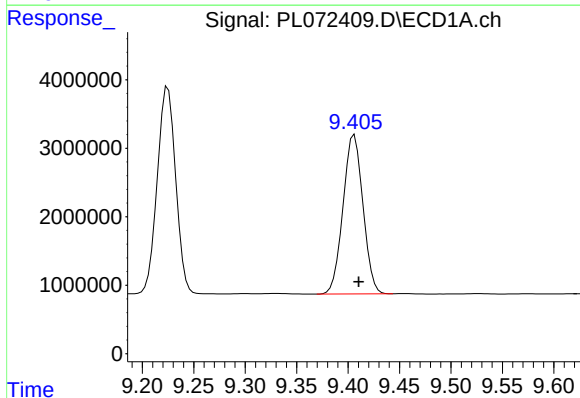
R.T.: 9.225 min  
Delta R.T.: -0.005 min  
Response: 37647421  
Conc: 45.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



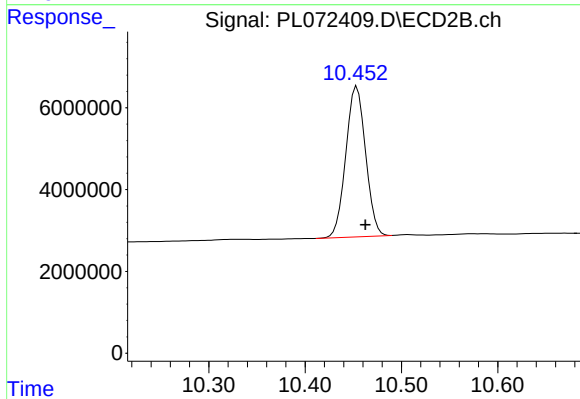
#21 Endrin ketone

R.T.: 9.992 min  
Delta R.T.: -0.006 min  
Response: 73567672  
Conc: 44.45 ng/ml



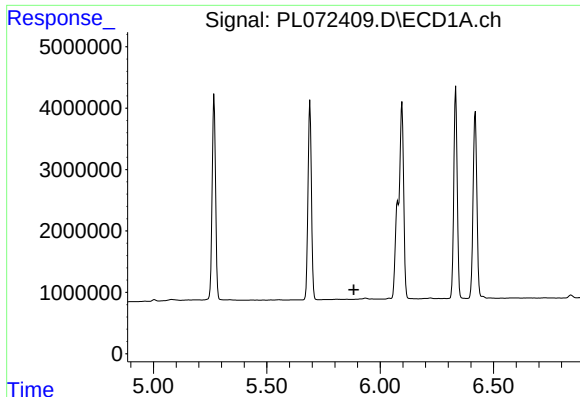
#22 Mirex

R.T.: 9.406 min  
Delta R.T.: -0.004 min  
Response: 31331884  
Conc: 42.43 ng/ml



#22 Mirex

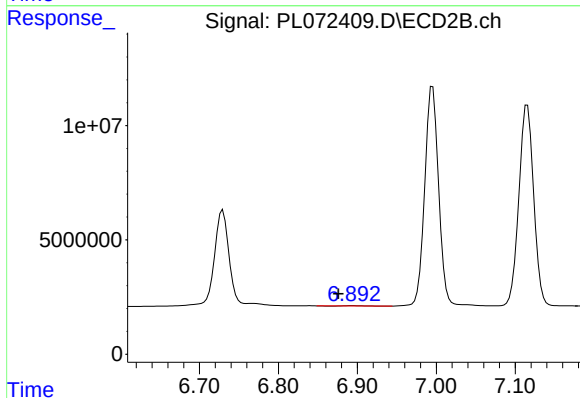
R.T.: 10.454 min  
Delta R.T.: -0.009 min  
Response: 52285138  
Conc: 41.90 ng/ml



#23 Chlordane-1

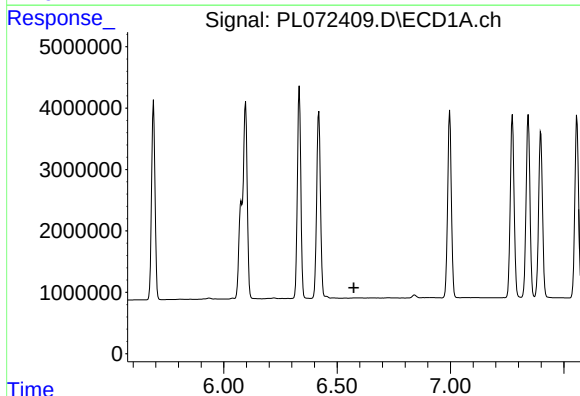
R.T.: 0.000 min  
Exp R.T.: 5.884 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



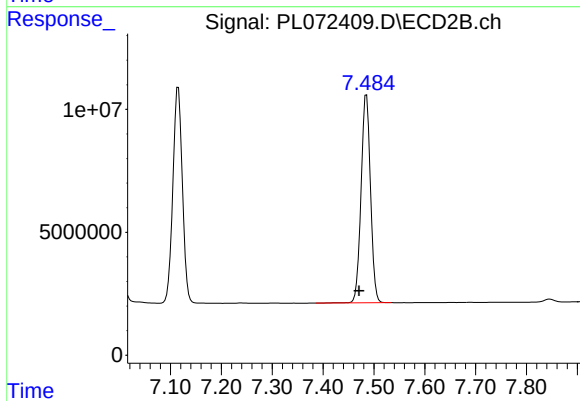
#23 Chlordane-1

R.T.: 6.894 min  
Delta R.T.: 0.018 min  
Response: 83572  
Conc: 1.28 ng/ml



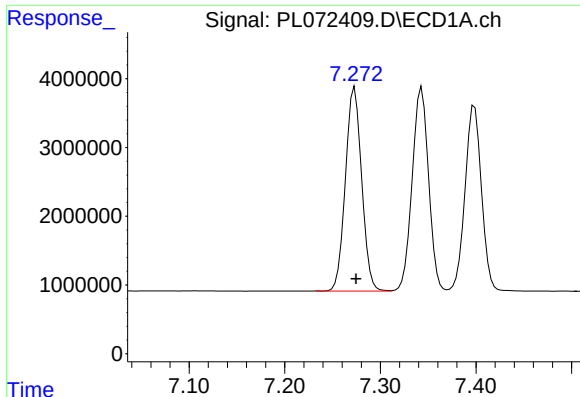
#24 Chlordane-2

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



#24 Chlordane-2

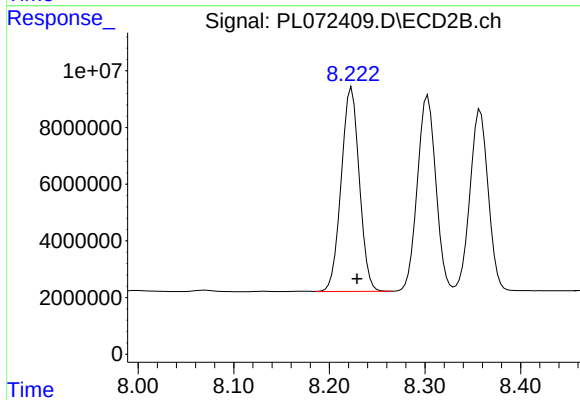
R.T.: 7.485 min  
Delta R.T.: 0.015 min  
Response: 108835150  
Conc: 1557.14 ng/ml



#25 Chlordane-3

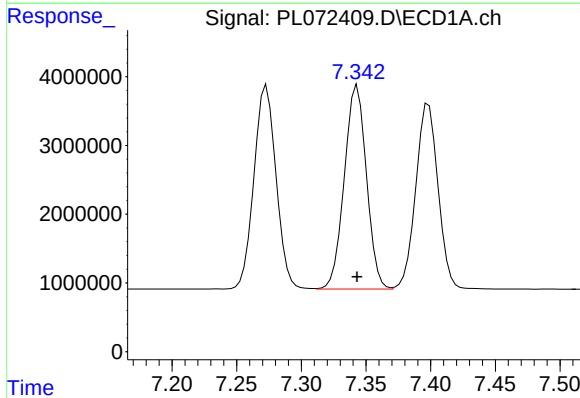
R.T.: 7.273 min  
Delta R.T.: -0.001 min  
Response: 35168251  
Conc: 459.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



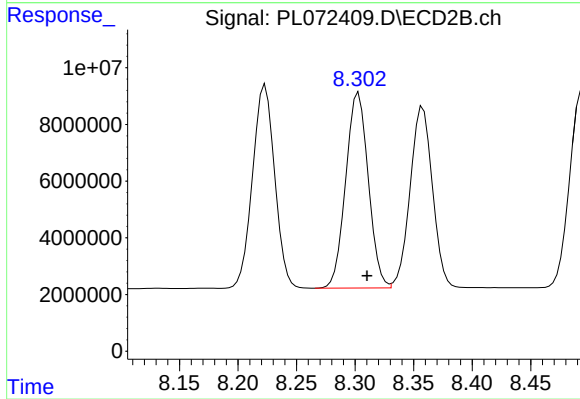
#25 Chlordane-3

R.T.: 8.223 min  
Delta R.T.: -0.006 min  
Response: 94746482  
Conc: 341.02 ng/ml



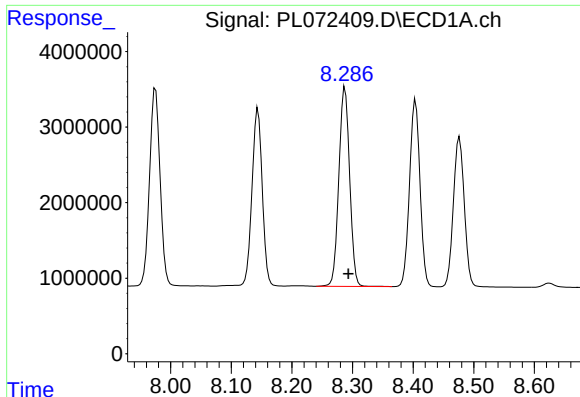
#26 Chlordane-4

R.T.: 7.343 min  
Delta R.T.: 0.000 min  
Response: 35196682  
Conc: 426.61 ng/ml



#26 Chlordane-4

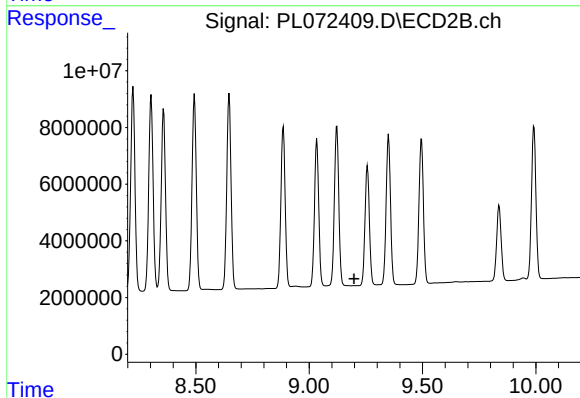
R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 92543230  
Conc: 278.69 ng/ml



#27 Chlordane-5

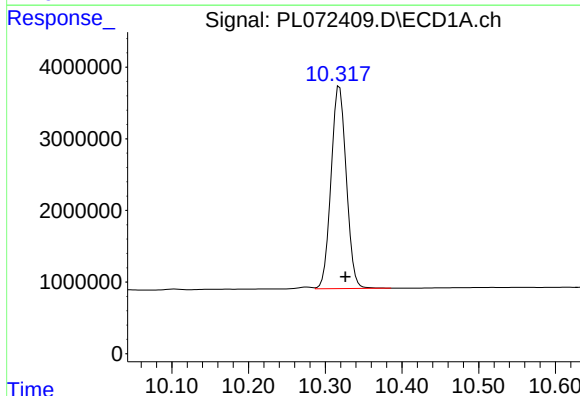
R.T.: 8.288 min  
Delta R.T.: -0.006 min  
Response: 32555980  
Conc: 1117.09 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



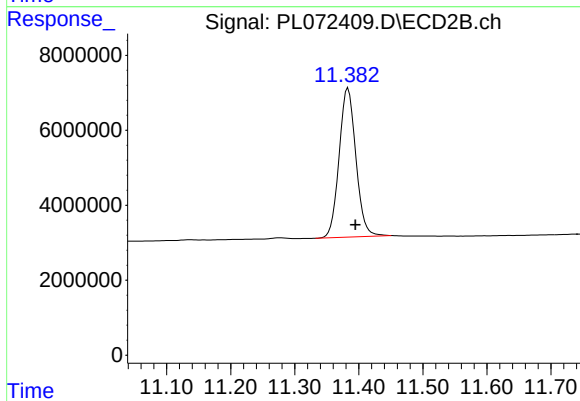
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.318 min  
Delta R.T.: -0.008 min  
Response: 38906651  
Conc: 43.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.383 min  
Delta R.T.: -0.011 min  
Response: 72364683  
Conc: 44.85 ng/ml