

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012122\  
 Data File : PL072163.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2022 13:30  
 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: Jan 22 01:59:04 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... | 4.555  | 5.491  | 26159744 | 78988099 | 47.119   | 48.635     |
| 28)                         | SA Decachlor... | 10.316 | 11.382 | 38837144 | 75828138 | 43.714   | 46.996     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.261  | 6.073  | 37023353 | 119.3E6  | 47.882   | 49.438     |
| 3)                          | MA gamma-BHC... | 5.685  | 6.469  | 35694795 | 107.9E6  | 47.339   | 47.953     |
| 4)                          | MA Heptachlor   | 6.091  | 7.114  | 39335555 | 108.5E6  | 45.596   | 46.787     |
| 5)                          | MB Aldrin       | 6.414  | 7.484  | 36400770 | 104.8E6  | 46.098   | 47.406     |
| 6)                          | B beta-BHC      | 6.069  | 6.727  | 15689831 | 46990788 | 47.464   | 47.460     |
| 7)                          | B delta-BHC     | 6.327  | 6.993  | 37413698 | 109.0E6  | 47.231   | 44.289     |
| 8)                          | B Heptachlo...  | 6.992  | 7.951  | 35448427 | 94964562 | 46.567   | 47.428     |
| 9)                          | A Endosulfan I  | 7.394  | 8.356  | 33043090 | 85042439 | 46.493   | 46.983     |
| 10)                         | B gamma-Chl...  | 7.269  | 8.221  | 36043619 | 95866214 | 45.873   | 47.439     |
| 11)                         | B alpha-Chl...  | 7.338  | 8.302  | 36085184 | 92681686 | 45.998   | 46.743     |
| 12)                         | B 4,4'-DDE      | 7.553  | 8.492  | 34041756 | 91246537 | 47.150   | 48.247     |
| 13)                         | MA Dieldrin     | 7.680  | 8.646  | 35602285 | 91881486 | 46.992   | 46.769     |
| 14)                         | MA Endrin       | 7.971  | 8.885  | 31047794 | 75283026 | 44.312   | 45.406     |
| 15)                         | B Endosulfa...  | 8.284  | 9.121  | 33341930 | 80416985 | 44.843   | 46.893     |
| 16)                         | A 4,4'-DDD      | 8.140  | 9.032  | 28773703 | 72369128 | 49.083   | 50.615     |
| 17)                         | MA 4,4'-DDT     | 8.400  | 9.349  | 28652879 | 69990423 | 43.147   | 44.282     |
| 18)                         | B Endrin al...  | 8.473  | 9.256  | 25721750 | 59307001 | 45.146   | 47.775     |
| 19)                         | B Endosulfa...  | 8.704  | 9.494  | 33226777 | 73170314 | 45.319   | 46.869     |
| 20)                         | A Methoxychlor  | 8.996  | 9.837  | 18060059 | 35791458 | 42.807   | 43.208     |
| 21)                         | B Endrin ke...  | 9.221  | 9.990  | 40507602 | 79893823 | 48.646   | 48.274     |
| 22)                         | Mirex           | 9.403  | 10.452 | 33000696 | 56030543 | 44.687   | 44.904     |
| 24)                         | Chlordane-2     | 0.000  | 7.484  | 0        | 104.8E6  | N.D.     | 1499.762 # |
| 25)                         | Chlordane-3     | 7.269  | 8.221  | 36043619 | 95866214 | 471.105  | 345.050 #  |
| 26)                         | Chlordane-4     | 7.338  | 8.302  | 36085184 | 92681686 | 437.376  | 279.103 #  |
| 27)                         | Chlordane-5     | 8.284  | 0.000  | 33341930 | 0        | 1144.058 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

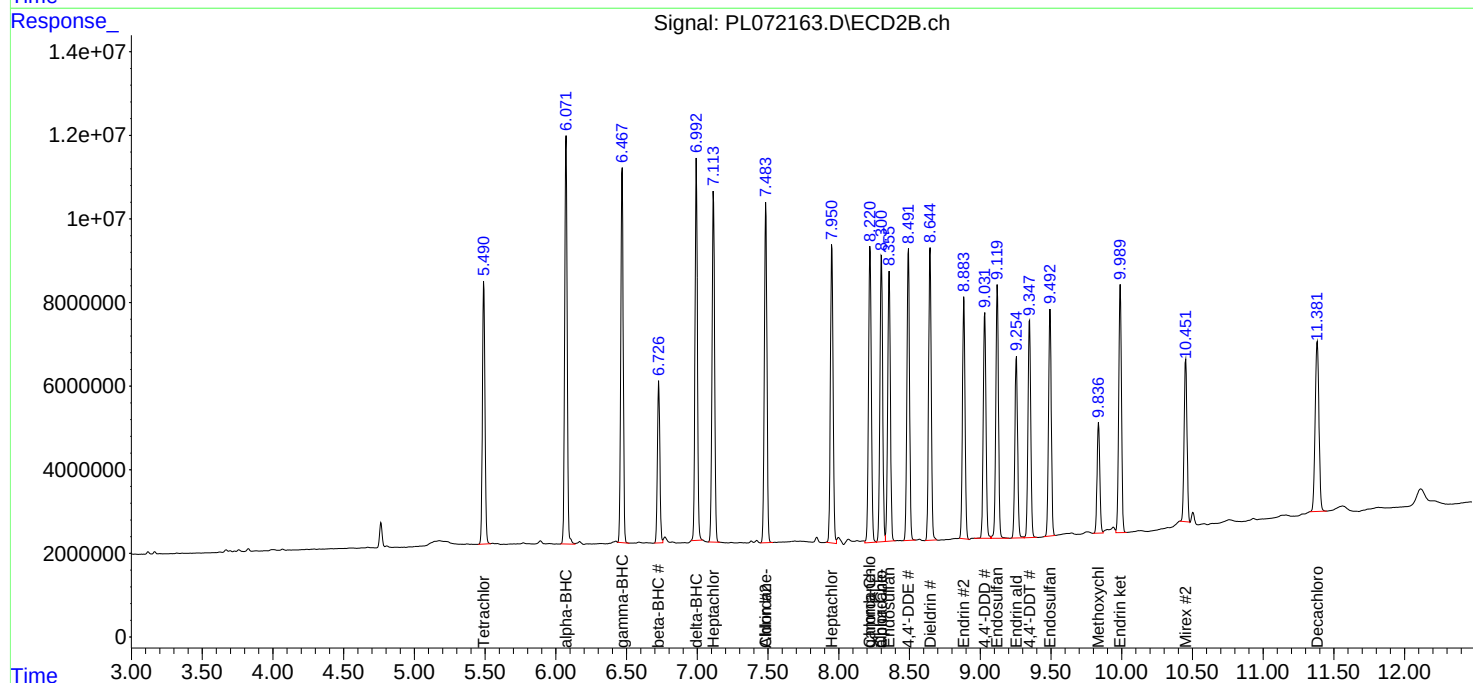
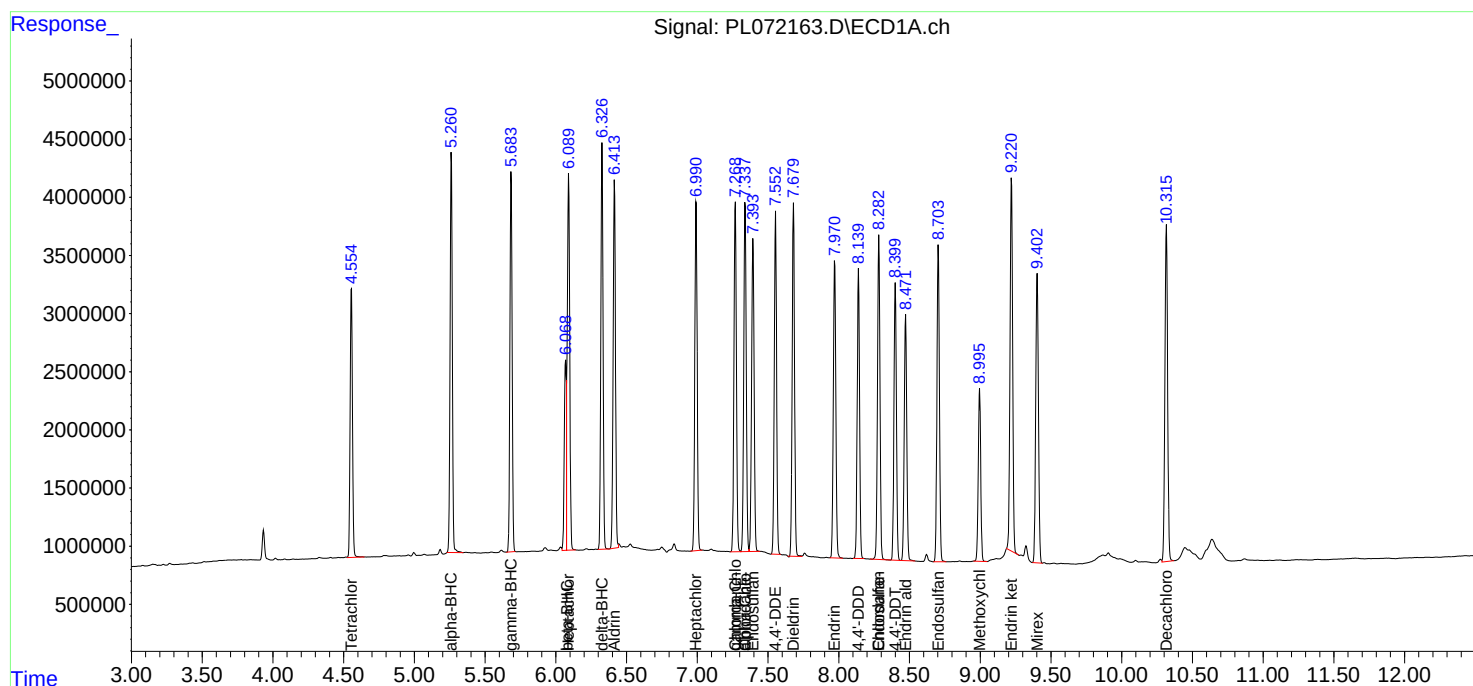
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

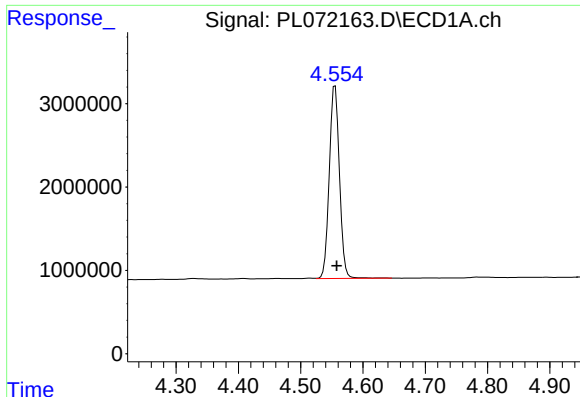
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012122\  
 Data File : PL072163.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2022 13:30  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 22 01:59:04 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  
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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

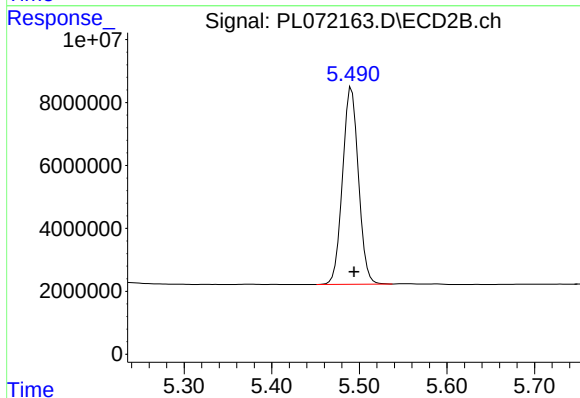




#1 Tetrachloro-m-xylene

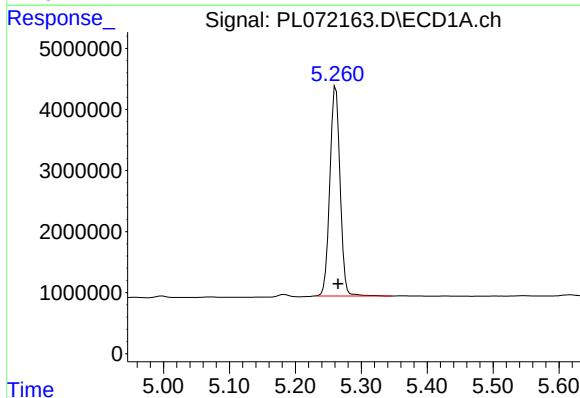
R.T.: 4.555 min  
Delta R.T.: -0.003 min  
Response: 26159744  
Conc: 47.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



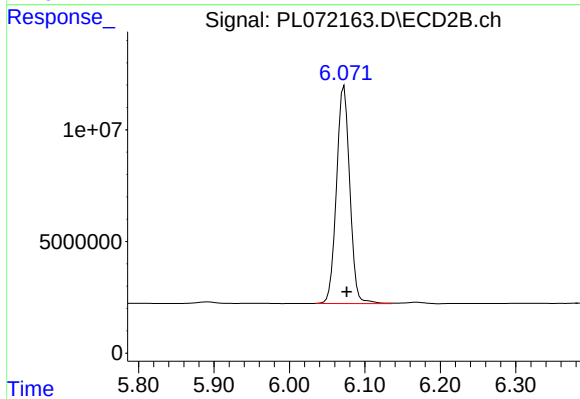
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: -0.003 min  
Response: 78988099  
Conc: 48.63 ng/ml



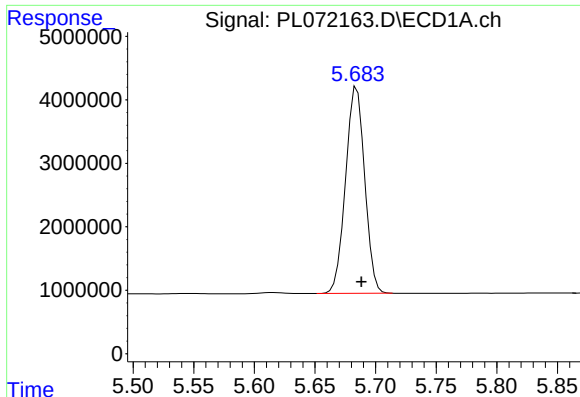
#2 alpha-BHC

R.T.: 5.261 min  
Delta R.T.: -0.003 min  
Response: 37023353  
Conc: 47.88 ng/ml



#2 alpha-BHC

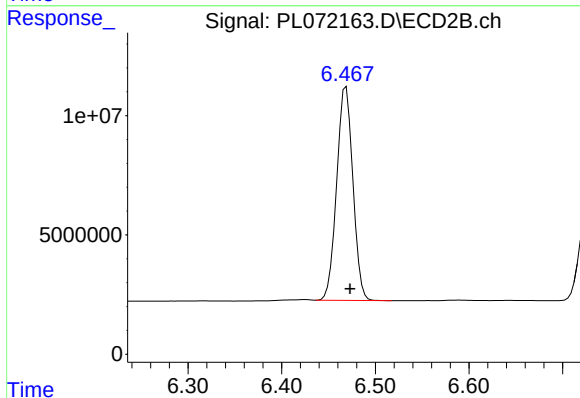
R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 119286060  
Conc: 49.44 ng/ml



#3 gamma-BHC (Lindane)

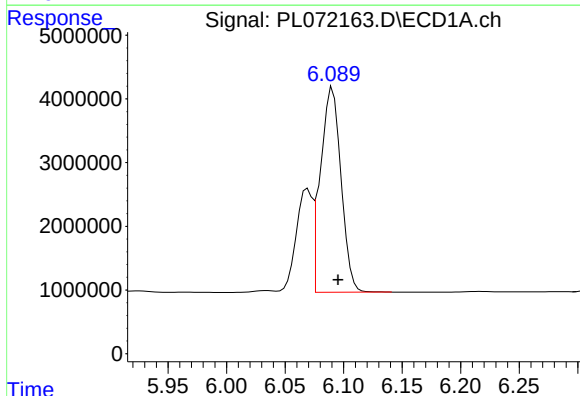
R.T.: 5.685 min  
Delta R.T.: -0.004 min  
Response: 35694795  
Conc: 47.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



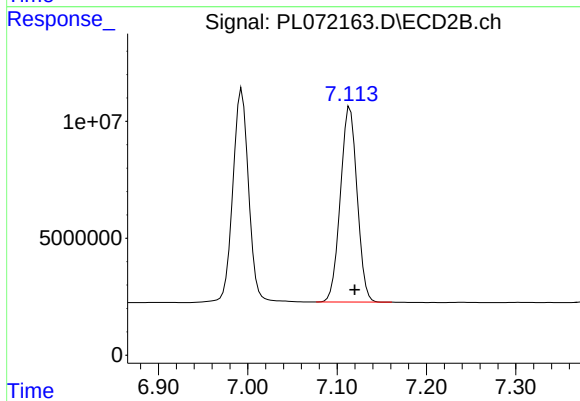
#3 gamma-BHC (Lindane)

R.T.: 6.469 min  
Delta R.T.: -0.004 min  
Response: 107909483  
Conc: 47.95 ng/ml



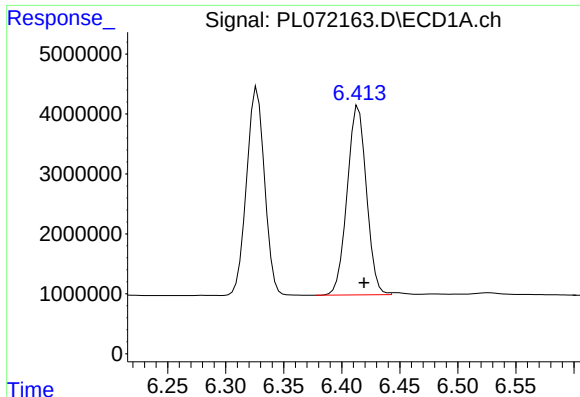
#4 Heptachlor

R.T.: 6.091 min  
Delta R.T.: -0.005 min  
Response: 39335555  
Conc: 45.60 ng/ml



#4 Heptachlor

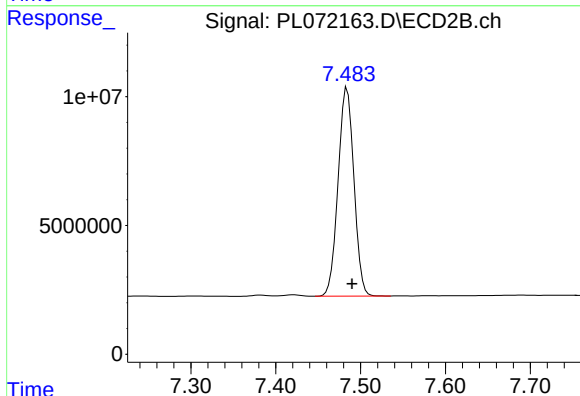
R.T.: 7.114 min  
Delta R.T.: -0.005 min  
Response: 108474006  
Conc: 46.79 ng/ml



#5 Aldrin

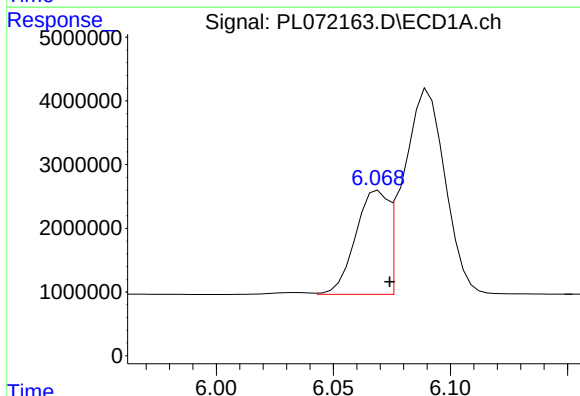
R.T.: 6.414 min  
Delta R.T.: -0.005 min  
Response: 36400770  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



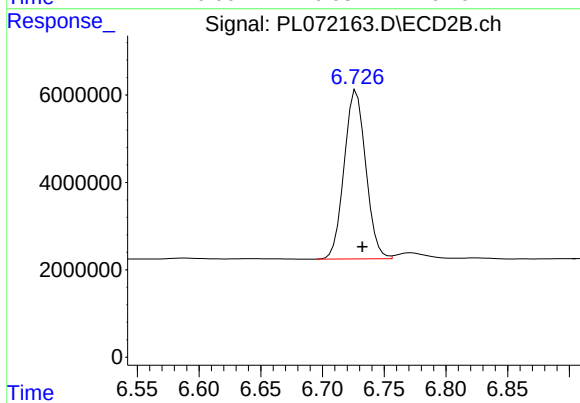
#5 Aldrin

R.T.: 7.484 min  
Delta R.T.: -0.006 min  
Response: 104824840  
Conc: 47.41 ng/ml



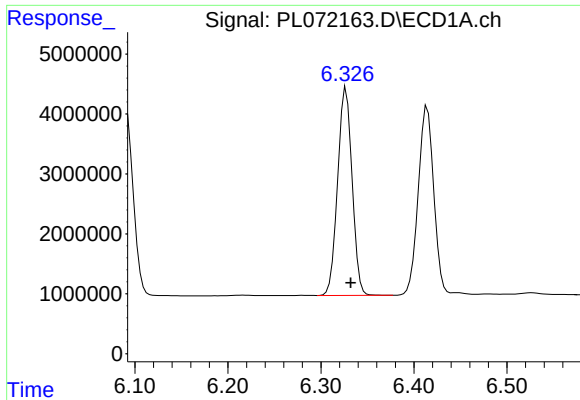
#6 beta-BHC

R.T.: 6.069 min  
Delta R.T.: -0.005 min  
Response: 15689831  
Conc: 47.46 ng/ml



#6 beta-BHC

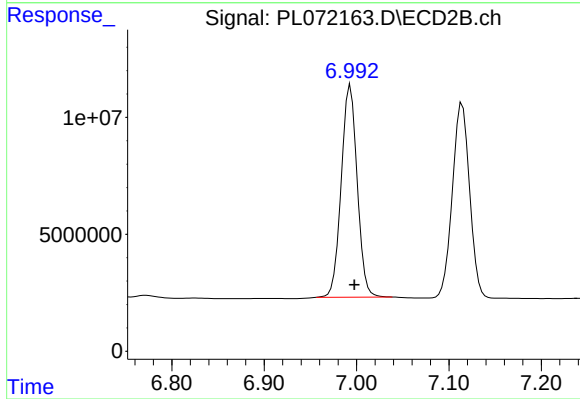
R.T.: 6.727 min  
Delta R.T.: -0.005 min  
Response: 46990788  
Conc: 47.46 ng/ml



#7 delta-BHC

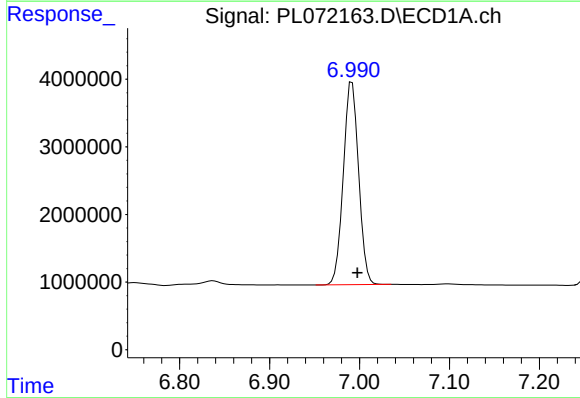
R.T.: 6.327 min  
Delta R.T.: -0.005 min  
Response: 37413698  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



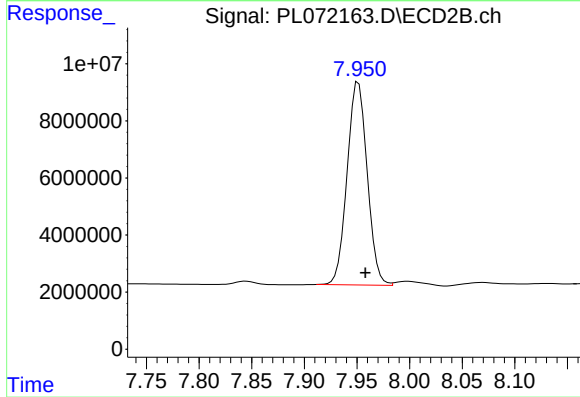
#7 delta-BHC

R.T.: 6.993 min  
Delta R.T.: -0.004 min  
Response: 108964912  
Conc: 44.29 ng/ml



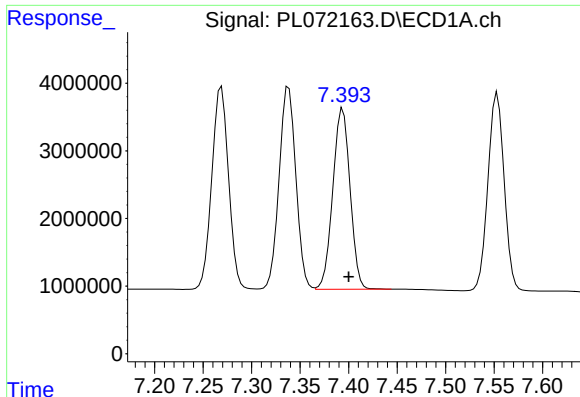
#8 Heptachlor epoxide

R.T.: 6.992 min  
Delta R.T.: -0.006 min  
Response: 35448427  
Conc: 46.57 ng/ml



#8 Heptachlor epoxide

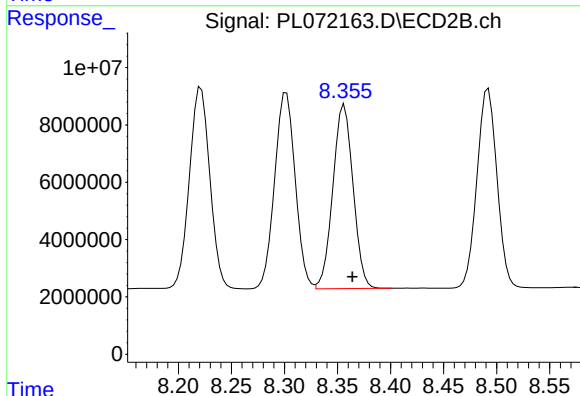
R.T.: 7.951 min  
Delta R.T.: -0.007 min  
Response: 94964562  
Conc: 47.43 ng/ml



#9 Endosulfan I

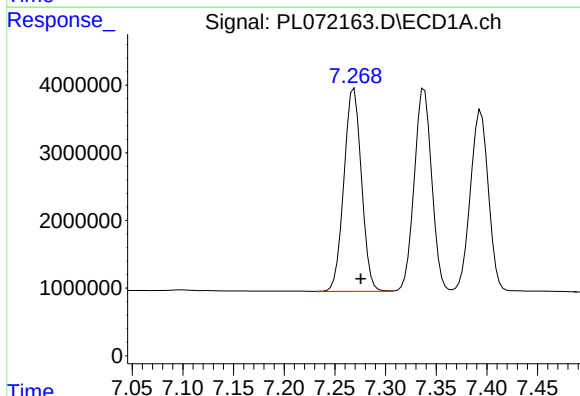
R.T.: 7.394 min  
Delta R.T.: -0.006 min  
Response: 33043090  
Conc: 46.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



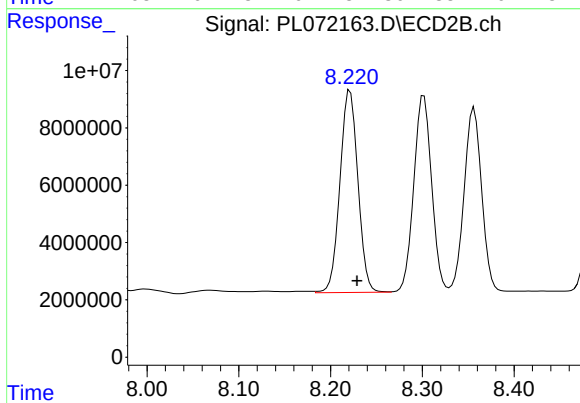
#9 Endosulfan I

R.T.: 8.356 min  
Delta R.T.: -0.008 min  
Response: 85042439  
Conc: 46.98 ng/ml



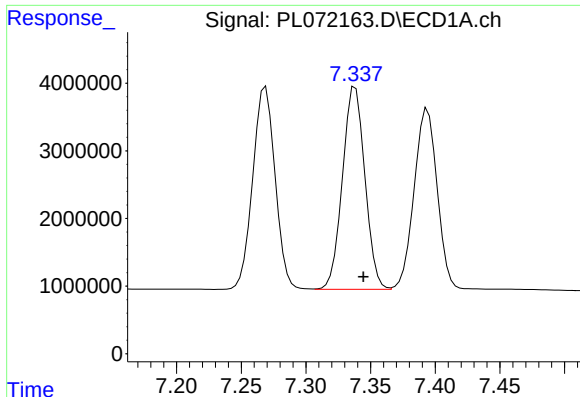
#10 gamma-Chlordane

R.T.: 7.269 min  
Delta R.T.: -0.006 min  
Response: 36043619  
Conc: 45.87 ng/ml



#10 gamma-Chlordane

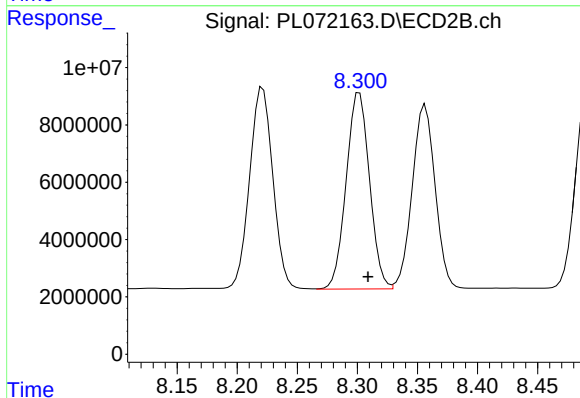
R.T.: 8.221 min  
Delta R.T.: -0.007 min  
Response: 95866214  
Conc: 47.44 ng/ml



#11 alpha-Chlordane

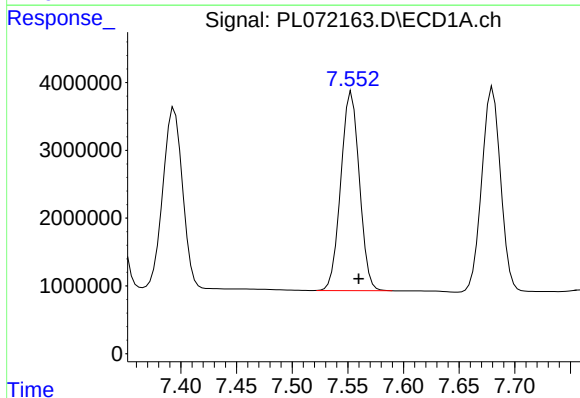
R.T.: 7.338 min  
Delta R.T.: -0.006 min  
Response: 36085184  
Conc: 46.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



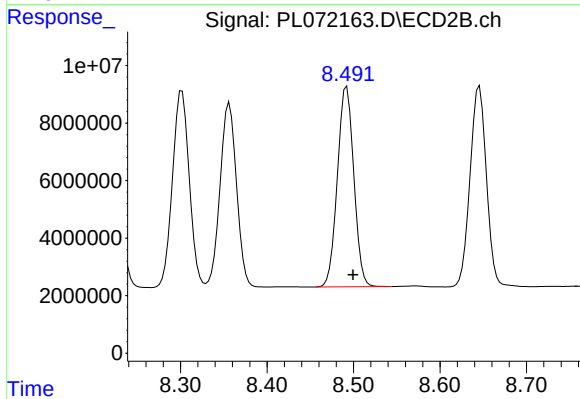
#11 alpha-Chlordane

R.T.: 8.302 min  
Delta R.T.: -0.007 min  
Response: 92681686  
Conc: 46.74 ng/ml



#12 4,4'-DDE

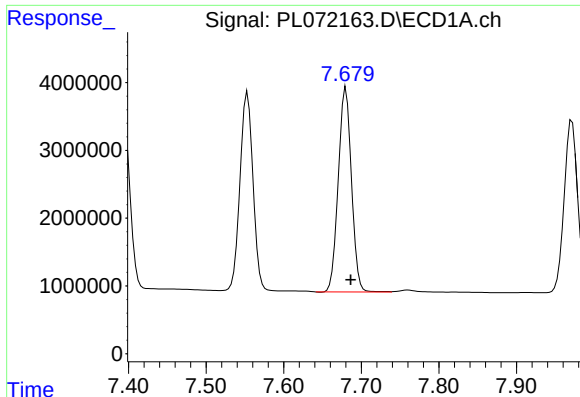
R.T.: 7.553 min  
Delta R.T.: -0.006 min  
Response: 34041756  
Conc: 47.15 ng/ml



#12 4,4'-DDE

R.T.: 8.492 min  
Delta R.T.: -0.007 min  
Response: 91246537  
Conc: 48.25 ng/ml

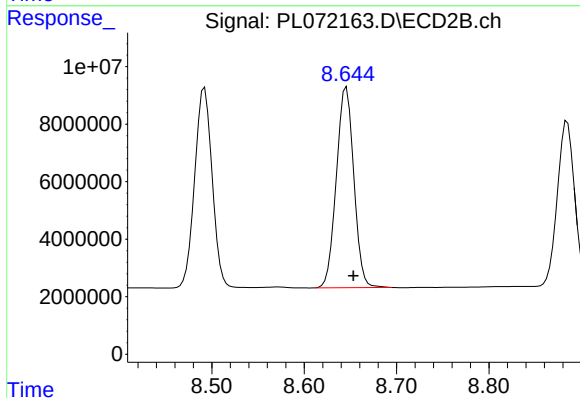




#13 Dieldrin

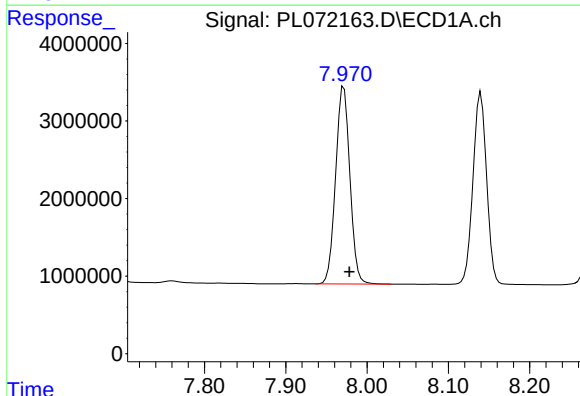
R.T.: 7.680 min  
Delta R.T.: -0.006 min  
Response: 35602285  
Conc: 46.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



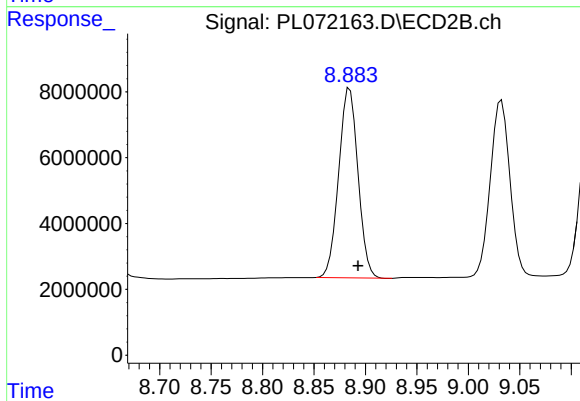
#13 Dieldrin

R.T.: 8.646 min  
Delta R.T.: -0.007 min  
Response: 91881486  
Conc: 46.77 ng/ml



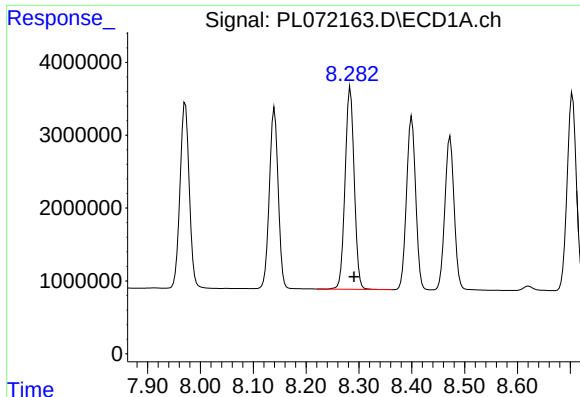
#14 Endrin

R.T.: 7.971 min  
Delta R.T.: -0.007 min  
Response: 31047794  
Conc: 44.31 ng/ml



#14 Endrin

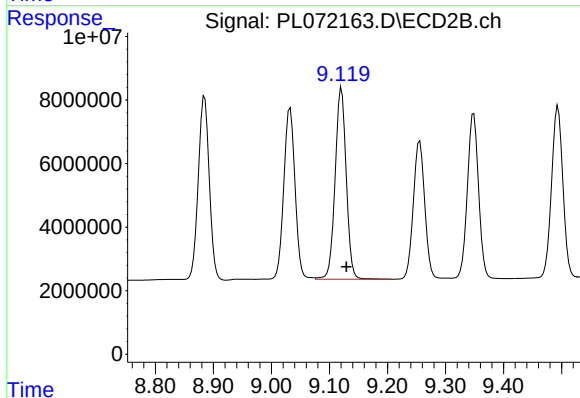
R.T.: 8.885 min  
Delta R.T.: -0.008 min  
Response: 75283026  
Conc: 45.41 ng/ml



#15 Endosulfan II

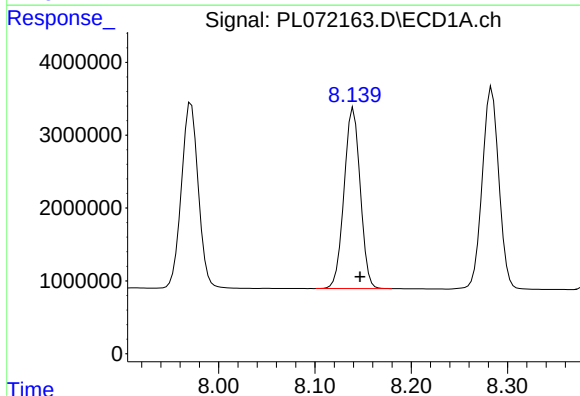
R.T.: 8.284 min  
Delta R.T.: -0.007 min  
Response: 33341930  
Conc: 44.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



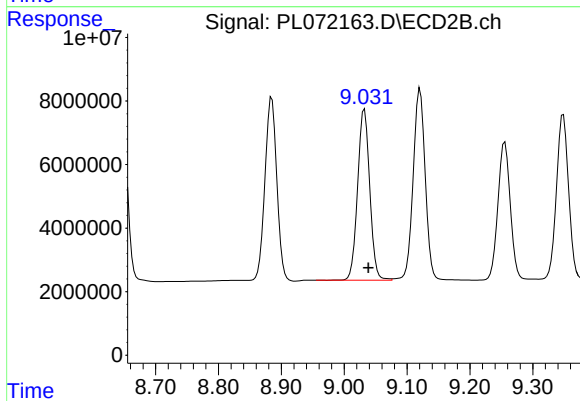
#15 Endosulfan II

R.T.: 9.121 min  
Delta R.T.: -0.008 min  
Response: 80416985  
Conc: 46.89 ng/ml



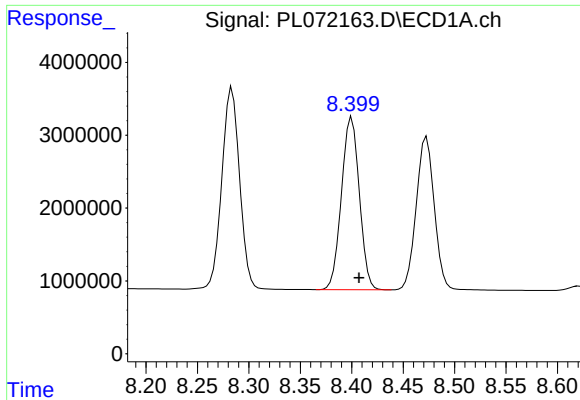
#16 4,4'-DDD

R.T.: 8.140 min  
Delta R.T.: -0.007 min  
Response: 28773703  
Conc: 49.08 ng/ml



#16 4,4'-DDD

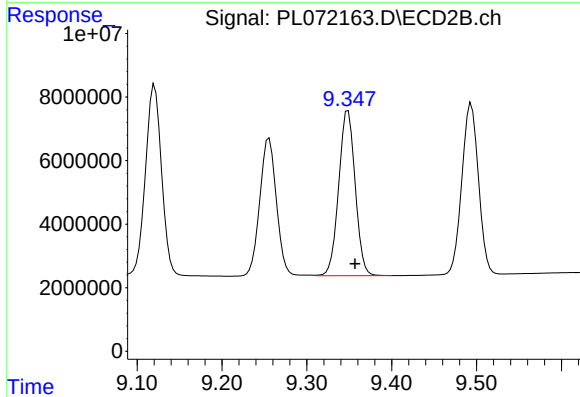
R.T.: 9.032 min  
Delta R.T.: -0.006 min  
Response: 72369128  
Conc: 50.62 ng/ml



#17 4,4'-DDT

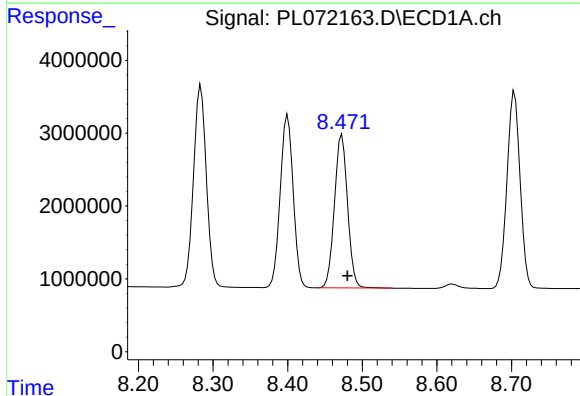
R.T.: 8.400 min  
Delta R.T.: -0.007 min  
Response: 28652879  
Conc: 43.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



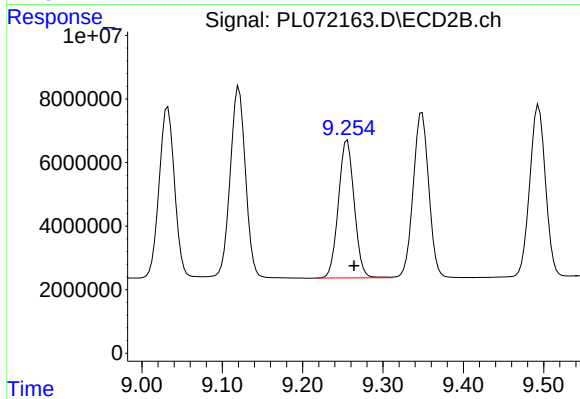
#17 4,4'-DDT

R.T.: 9.349 min  
Delta R.T.: -0.008 min  
Response: 69990423  
Conc: 44.28 ng/ml



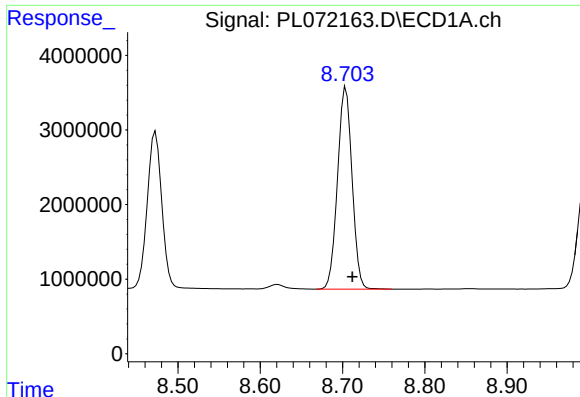
#18 Endrin aldehyde

R.T.: 8.473 min  
Delta R.T.: -0.007 min  
Response: 25721750  
Conc: 45.15 ng/ml



#18 Endrin aldehyde

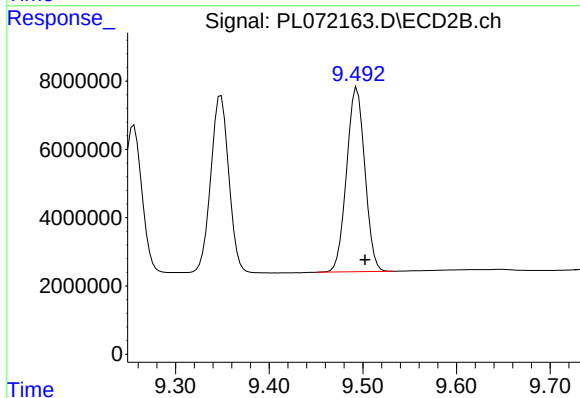
R.T.: 9.256 min  
Delta R.T.: -0.009 min  
Response: 59307001  
Conc: 47.78 ng/ml



#19 Endosulfan Sulfate

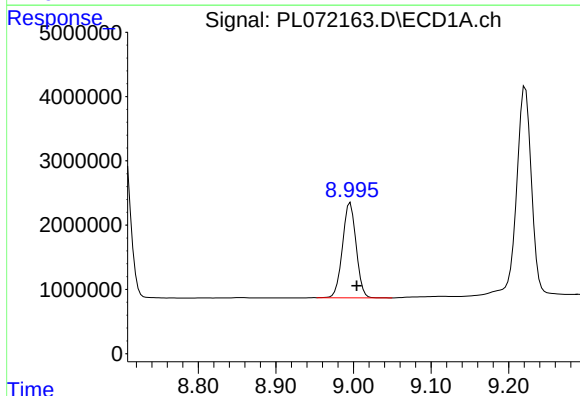
R.T.: 8.704 min  
Delta R.T.: -0.008 min  
Response: 33226777  
Conc: 45.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



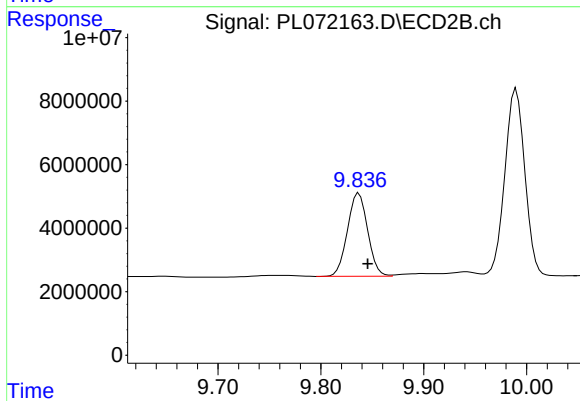
#19 Endosulfan Sulfate

R.T.: 9.494 min  
Delta R.T.: -0.008 min  
Response: 73170314  
Conc: 46.87 ng/ml



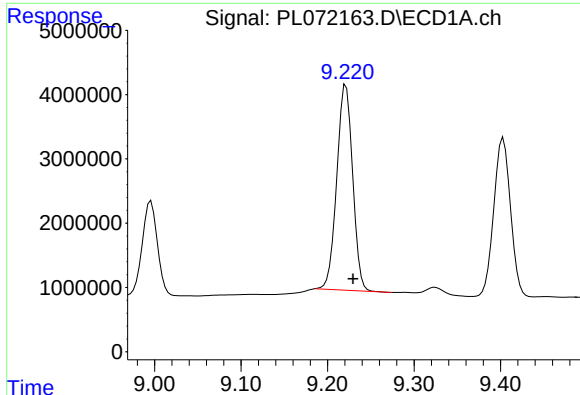
#20 Methoxychlor

R.T.: 8.996 min  
Delta R.T.: -0.008 min  
Response: 18060059  
Conc: 42.81 ng/ml



#20 Methoxychlor

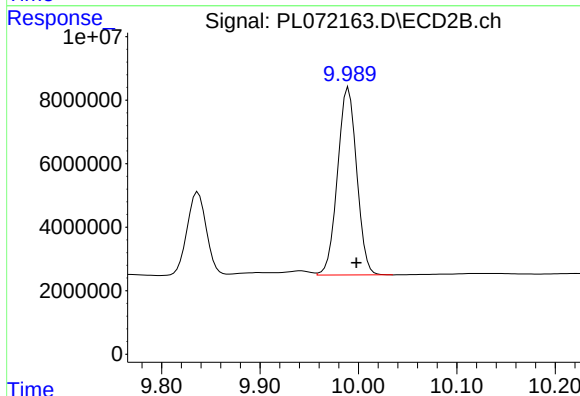
R.T.: 9.837 min  
Delta R.T.: -0.009 min  
Response: 35791458  
Conc: 43.21 ng/ml



#21 Endrin ketone

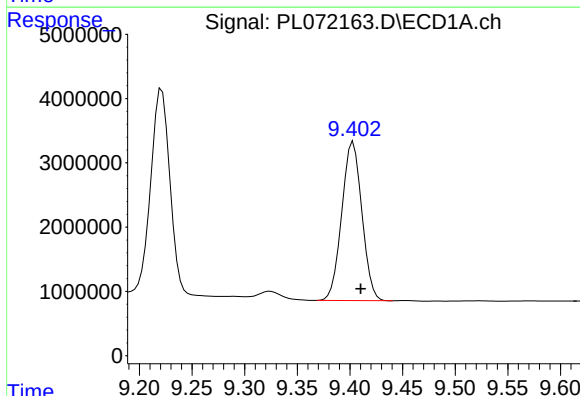
R.T.: 9.221 min  
Delta R.T.: -0.008 min  
Response: 40507602  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



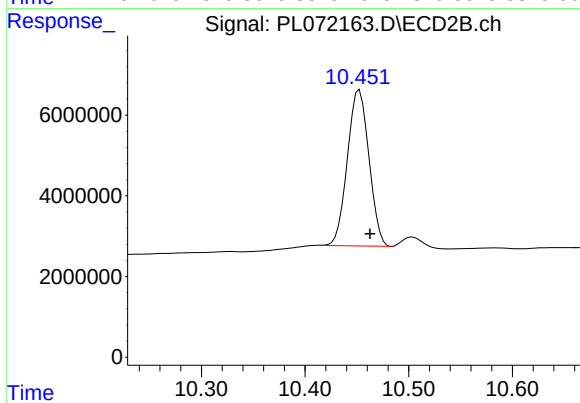
#21 Endrin ketone

R.T.: 9.990 min  
Delta R.T.: -0.008 min  
Response: 79893823  
Conc: 48.27 ng/ml



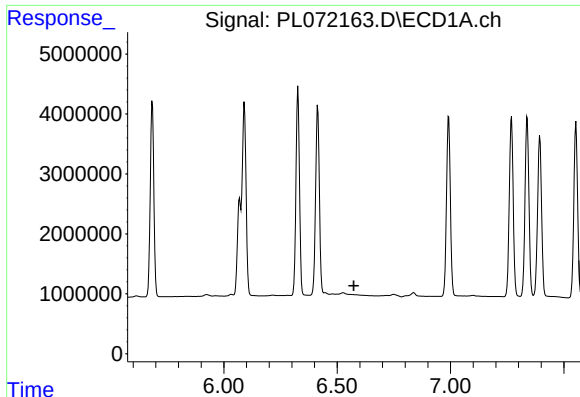
#22 Mirex

R.T.: 9.403 min  
Delta R.T.: -0.007 min  
Response: 33000696  
Conc: 44.69 ng/ml



#22 Mirex

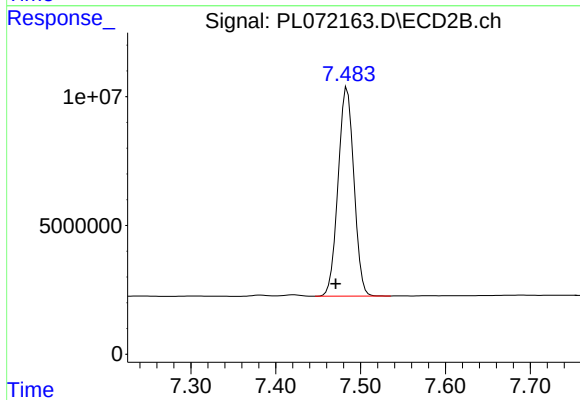
R.T.: 10.452 min  
Delta R.T.: -0.010 min  
Response: 56030543  
Conc: 44.90 ng/ml



#24 Chlordane-2

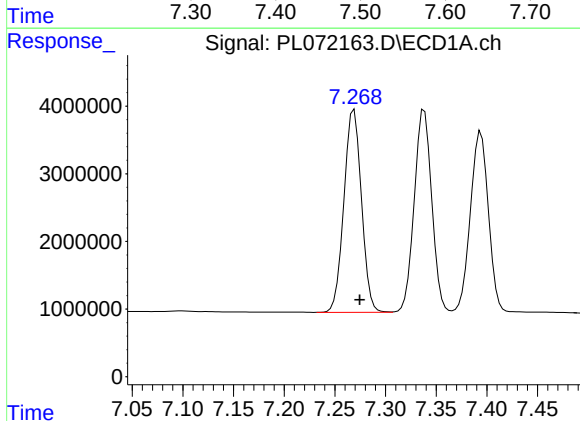
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



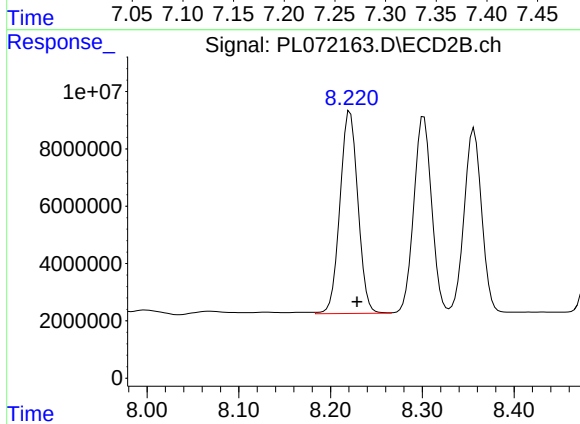
#24 Chlordane-2

R.T.: 7.484 min  
Delta R.T.: 0.013 min  
Response: 104824840  
Conc: 1499.76 ng/ml



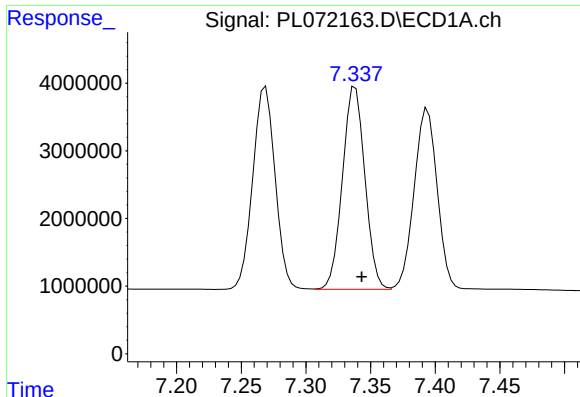
#25 Chlordane-3

R.T.: 7.269 min  
Delta R.T.: -0.005 min  
Response: 36043619  
Conc: 471.10 ng/ml



#25 Chlordane-3

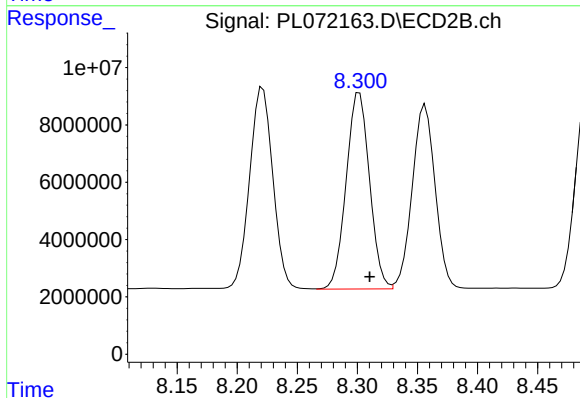
R.T.: 8.221 min  
Delta R.T.: -0.008 min  
Response: 95866214  
Conc: 345.05 ng/ml



#26 Chlordane-4

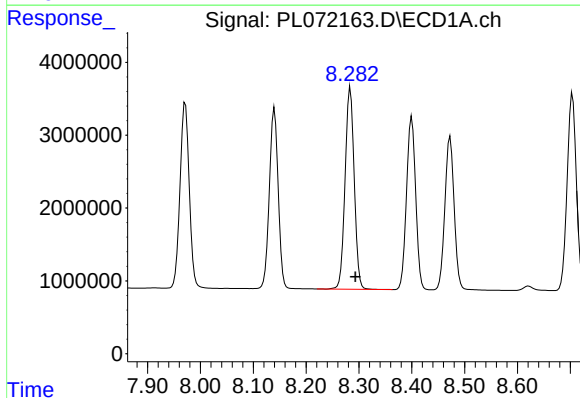
R.T.: 7.338 min  
Delta R.T.: -0.005 min  
Response: 36085184  
Conc: 437.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



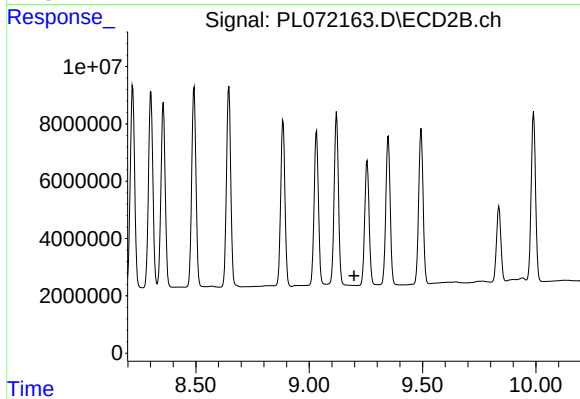
#26 Chlordane-4

R.T.: 8.302 min  
Delta R.T.: -0.009 min  
Response: 92681686  
Conc: 279.10 ng/ml



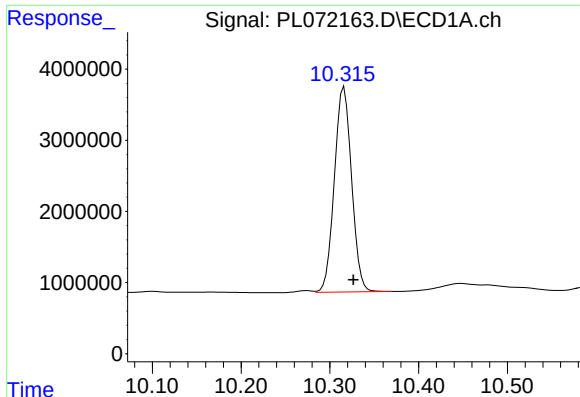
#27 Chlordane-5

R.T.: 8.284 min  
Delta R.T.: -0.010 min  
Response: 33341930  
Conc: 1144.06 ng/ml



#27 Chlordane-5

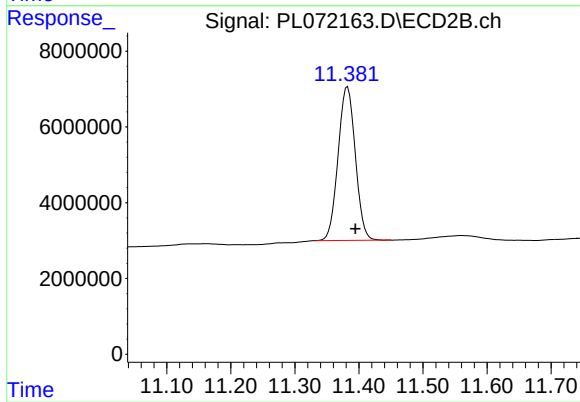
R.T.: 0.000 min  
Exp R.T. : 9.198 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.316 min  
Delta R.T.: -0.010 min  
Response: 38837144  
Conc: 43.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.382 min  
Delta R.T.: -0.012 min  
Response: 75828138  
Conc: 47.00 ng/ml