

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012722\  
 Data File : PL072298.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jan 2022 18:11  
 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 28 00:14:50 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  | 25492431 | 73559382 | 45.917   | 45.292     |
| 28)                         | SA Decachlor... | 10.316 | 11.384 | 32979281 | 64383535 | 37.121   | 39.903     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.261  | 6.073  | 32761756 | 105.5E6  | 42.371   | 43.729     |
| 3)                          | MA gamma-BHC... | 5.684  | 6.469  | 33971460 | 94601100 | 45.054   | 42.039     |
| 4)                          | MA Heptachlor   | 6.090  | 7.115  | 38422672 | 92541902 | 44.538   | 39.915     |
| 5)                          | MB Aldrin       | 6.414  | 7.484  | 34744632 | 86374850 | 44.001   | 39.062     |
| 6)                          | B beta-BHC      | 6.070  | 6.729  | 14162948 | 41629831 | 42.845   | 42.046     |
| 7)                          | B delta-BHC     | 6.328  | 6.995  | 35840161 | 95213216 | 45.245   | 38.700     |
| 8)                          | B Heptachlo...  | 6.992  | 7.953  | 33393670 | 78493494 | 43.868   | 39.202     |
| 9)                          | A Endosulfan I  | 7.394  | 8.357  | 30916746 | 72390553 | 43.501   | 39.993     |
| 10)                         | B gamma-Chl...  | 7.269  | 8.223  | 33746769 | 81615571 | 42.950   | 40.387     |
| 11)                         | B alpha-Chl...  | 7.339  | 8.303  | 33556240 | 79229961 | 42.774   | 39.959     |
| 12)                         | B 4,4'-DDE      | 7.553  | 8.493  | 32025202 | 75813400 | 44.357   | 40.086     |
| 13)                         | MA Dieldrin     | 7.680  | 8.647  | 32950467 | 74186882 | 43.492   | 37.762     |
| 14)                         | MA Endrin       | 7.972  | 8.886  | 30224729 | 64772714 | 43.137   | 39.067     |
| 15)                         | B Endosulfa...  | 8.284  | 9.122  | 30080468 | 65307622 | 40.457   | 38.082     |
| 16)                         | A 4,4'-DDD      | 8.140  | 9.034  | 25865080 | 56991624 | 44.122   | 39.860     |
| 17)                         | MA 4,4'-DDT     | 8.400  | 9.350  | 26606106 | 57932742 | 40.065   | 36.654     |
| 18)                         | B Endrin al...  | 8.472  | 9.257  | 23405652 | 47584438 | 41.081   | 38.332     |
| 19)                         | B Endosulfa...  | 8.704  | 9.495  | 29923754 | 60567639 | 40.814   | 38.797     |
| 20)                         | A Methoxychlor  | 8.996  | 9.838  | 17278985 | 33041189 | 40.956   | 39.888     |
| 21)                         | B Endrin ke...  | 9.222  | 9.992  | 33066546 | 58356414 | 39.710   | 35.261     |
| 22)                         | Mirex           | 9.403  | 10.454 | 28377834 | 47058972 | 38.427   | 37.714     |
| 24)                         | Chlordane-2     | 0.000  | 7.484  | 0        | 86374850 | N.D.     | 1235.792 # |
| 25)                         | Chlordane-3     | 7.269  | 8.223  | 33746769 | 81615571 | 441.084  | 293.758 #  |
| 26)                         | Chlordane-4     | 7.339  | 8.303  | 33556240 | 79229961 | 406.723  | 238.594 #  |
| 27)                         | Chlordane-5     | 8.284  | 0.000  | 30080468 | 0        | 1032.148 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

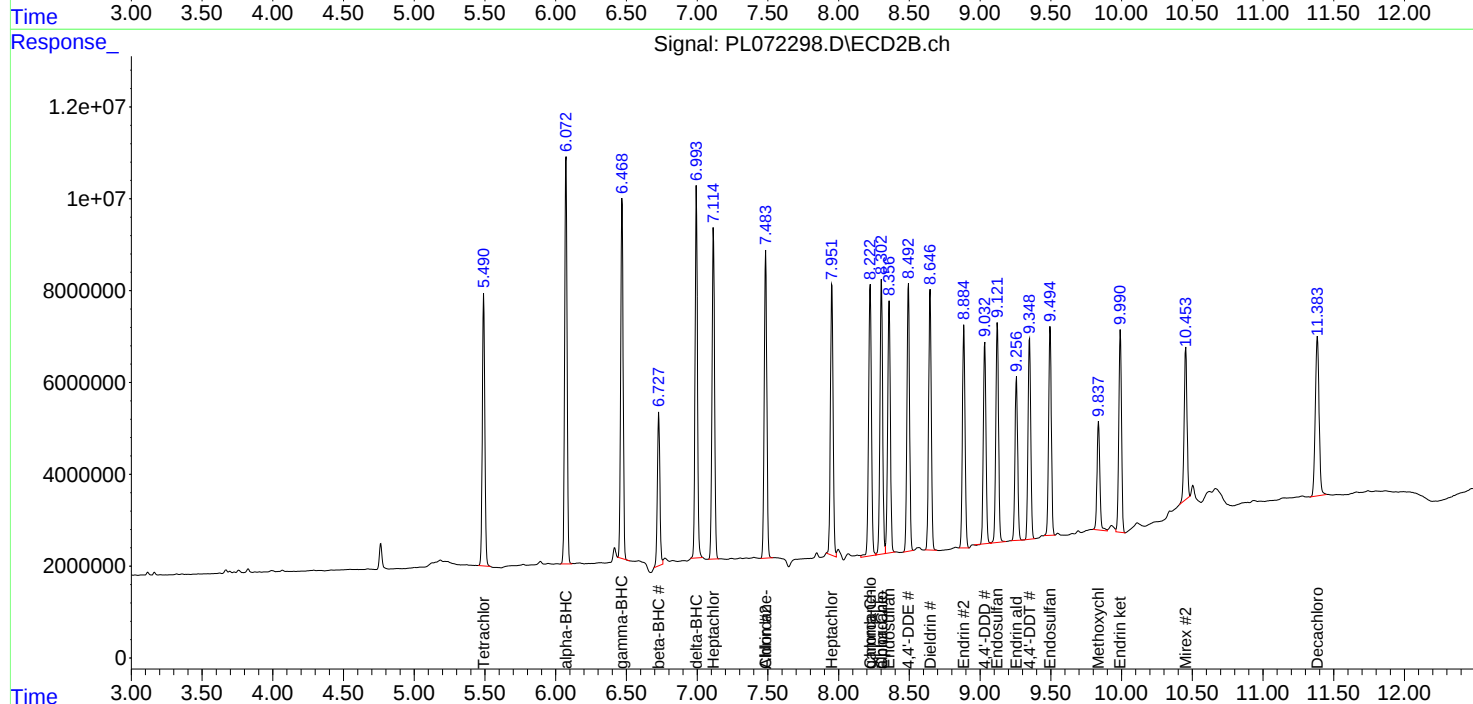
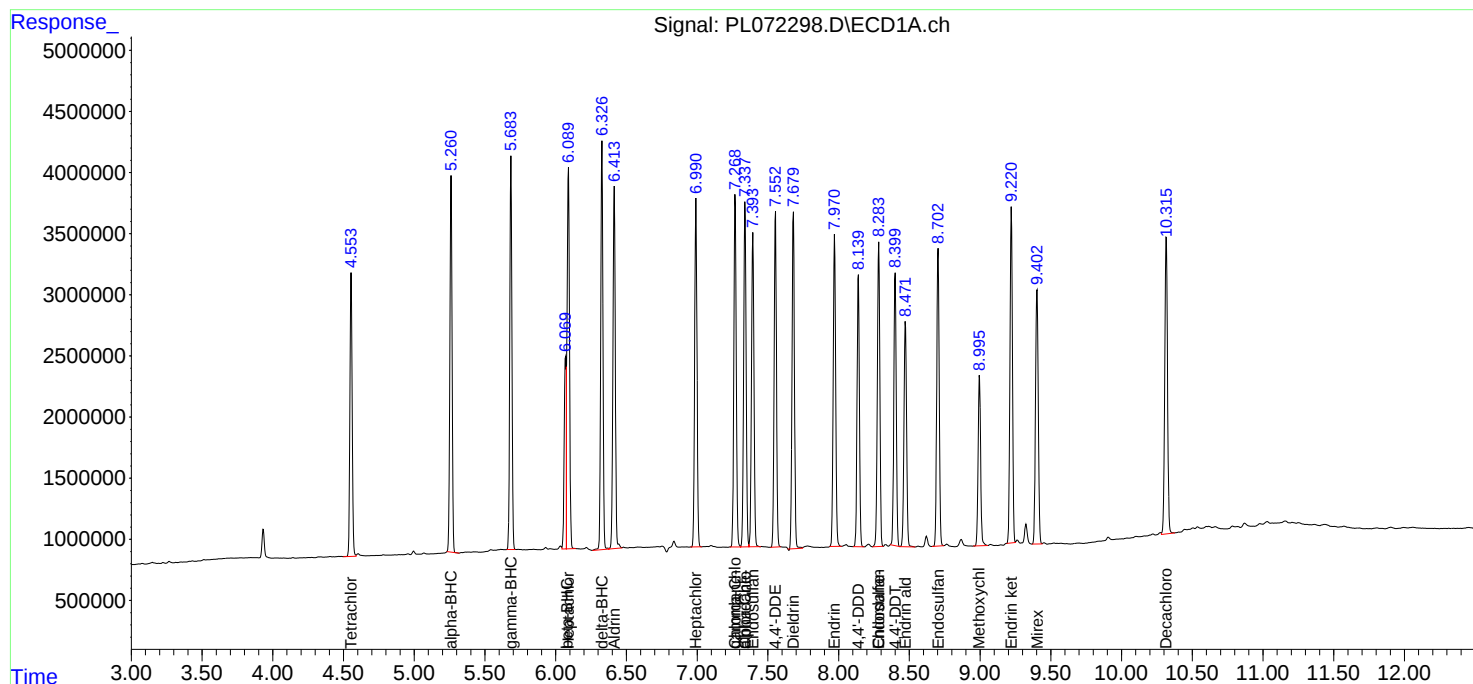
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

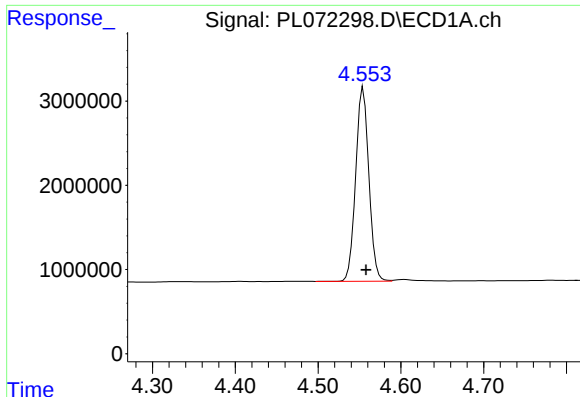
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012722\  
Data File : PL072298.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jan 2022 18:11  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 28 00:14:50 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

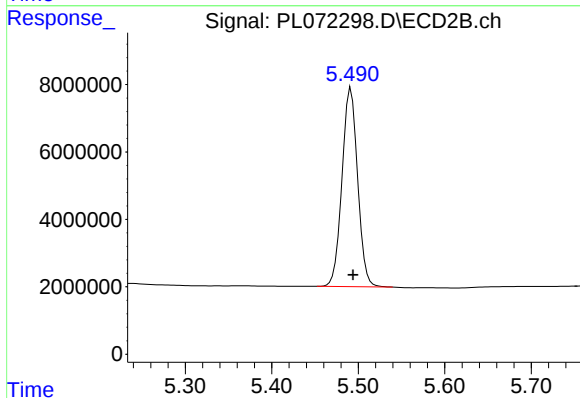




#1 Tetrachloro-m-xylene

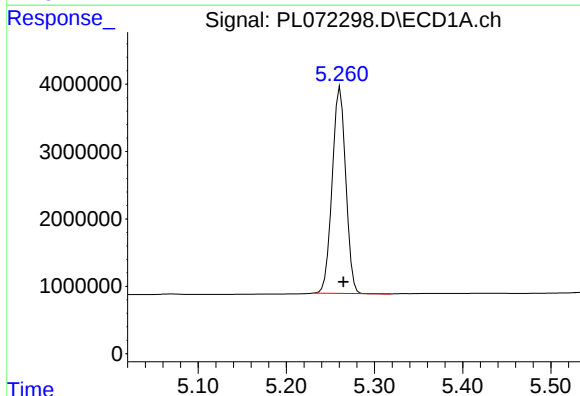
R.T.: 4.555 min  
Delta R.T.: -0.003 min  
Response: 25492431  
Conc: 45.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



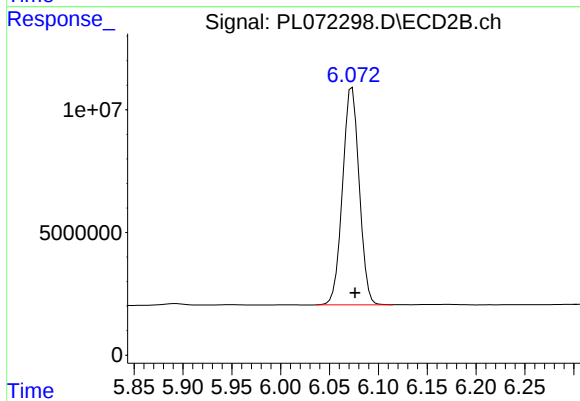
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: -0.003 min  
Response: 73559382  
Conc: 45.29 ng/ml



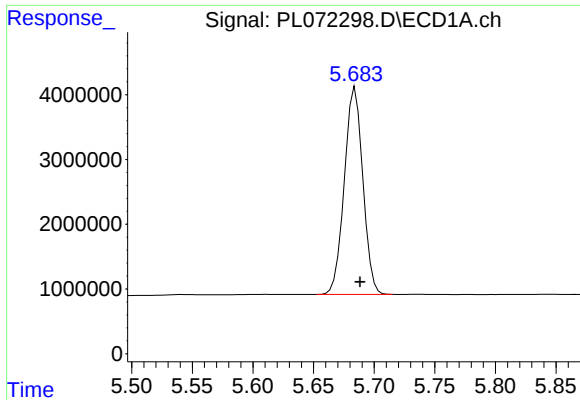
#2 alpha-BHC

R.T.: 5.261 min  
Delta R.T.: -0.004 min  
Response: 32761756  
Conc: 42.37 ng/ml



#2 alpha-BHC

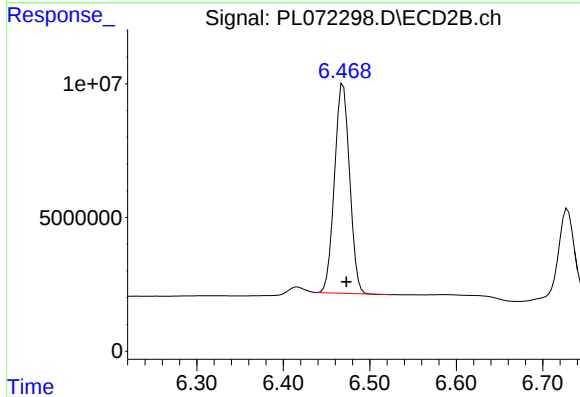
R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 105511883  
Conc: 43.73 ng/ml



#3 gamma-BHC (Lindane)

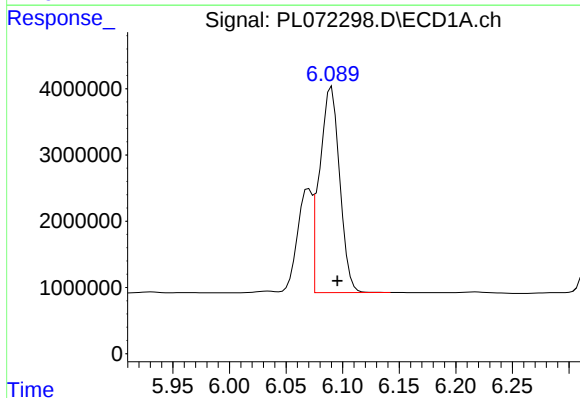
R.T.: 5.684 min  
Delta R.T.: -0.004 min  
Response: 33971460  
Conc: 45.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



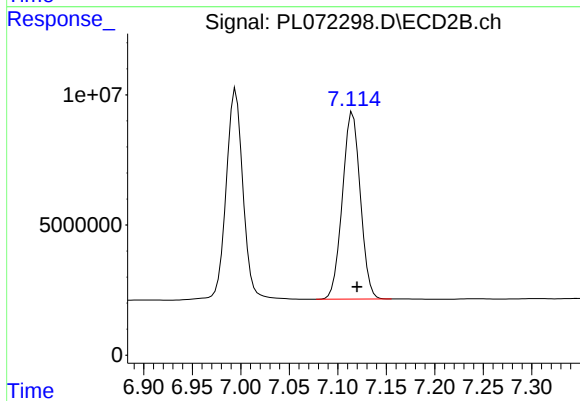
#3 gamma-BHC (Lindane)

R.T.: 6.469 min  
Delta R.T.: -0.004 min  
Response: 94601100  
Conc: 42.04 ng/ml



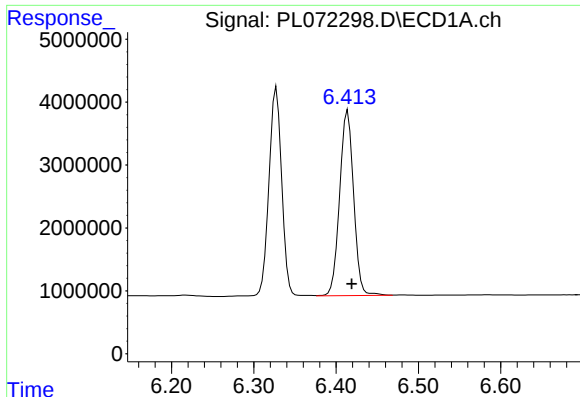
#4 Heptachlor

R.T.: 6.090 min  
Delta R.T.: -0.005 min  
Response: 38422672  
Conc: 44.54 ng/ml



#4 Heptachlor

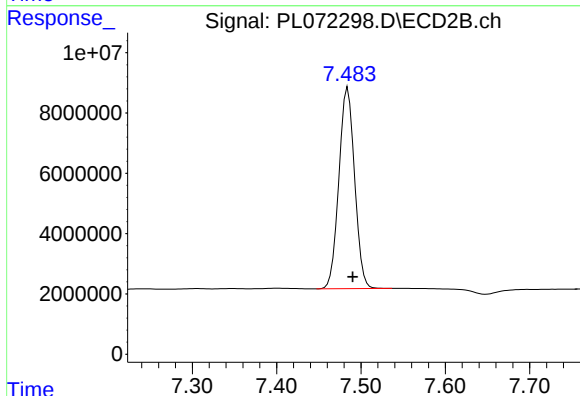
R.T.: 7.115 min  
Delta R.T.: -0.004 min  
Response: 92541902  
Conc: 39.91 ng/ml



#5 Aldrin

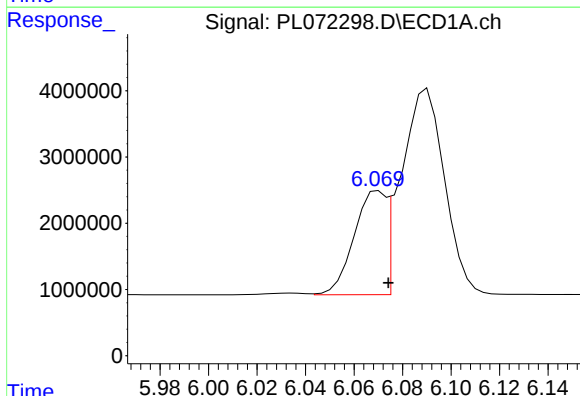
R.T.: 6.414 min  
Delta R.T.: -0.005 min  
Response: 34744632  
Conc: 44.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



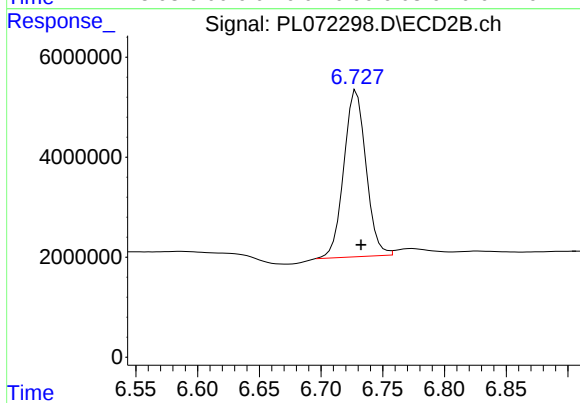
#5 Aldrin

R.T.: 7.484 min  
Delta R.T.: -0.006 min  
Response: 86374850  
Conc: 39.06 ng/ml



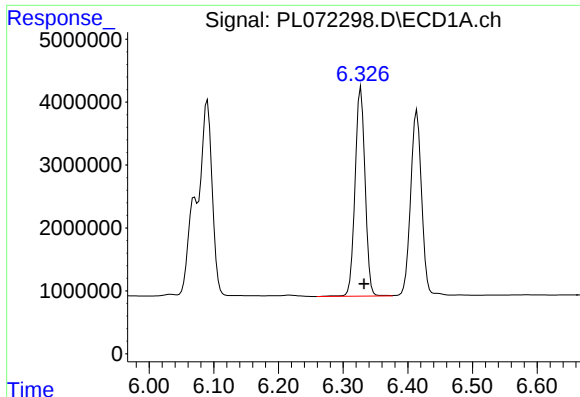
#6 beta-BHC

R.T.: 6.070 min  
Delta R.T.: -0.004 min  
Response: 14162948  
Conc: 42.84 ng/ml



#6 beta-BHC

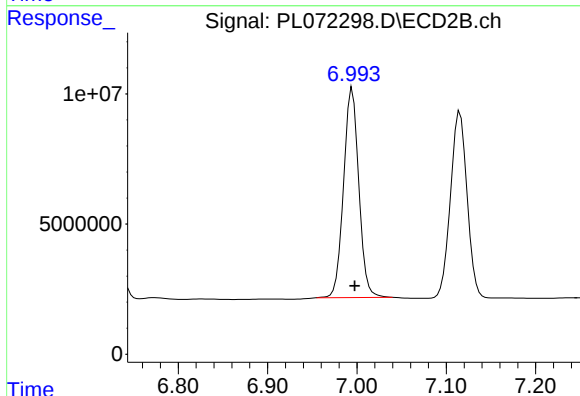
R.T.: 6.729 min  
Delta R.T.: -0.004 min  
Response: 41629831  
Conc: 42.05 ng/ml



#7 delta-BHC

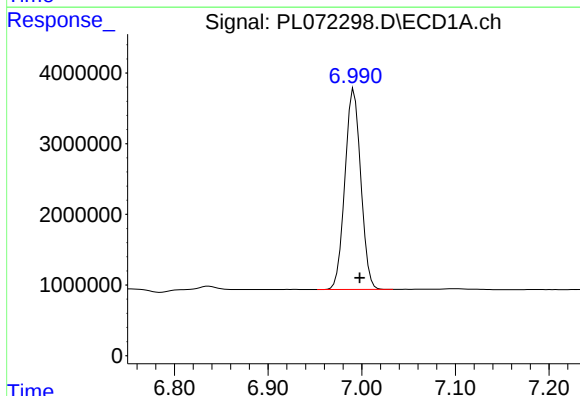
R.T.: 6.328 min  
Delta R.T.: -0.005 min  
Response: 35840161  
Conc: 45.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



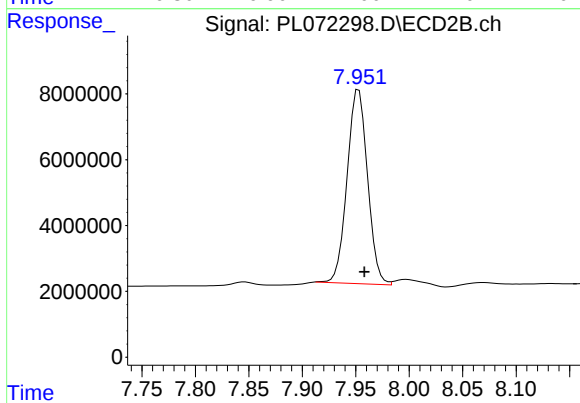
#7 delta-BHC

R.T.: 6.995 min  
Delta R.T.: -0.003 min  
Response: 95213216  
Conc: 38.70 ng/ml



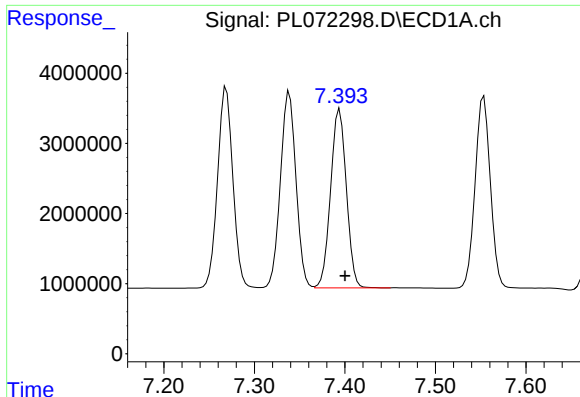
#8 Heptachlor epoxide

R.T.: 6.992 min  
Delta R.T.: -0.006 min  
Response: 33393670  
Conc: 43.87 ng/ml



#8 Heptachlor epoxide

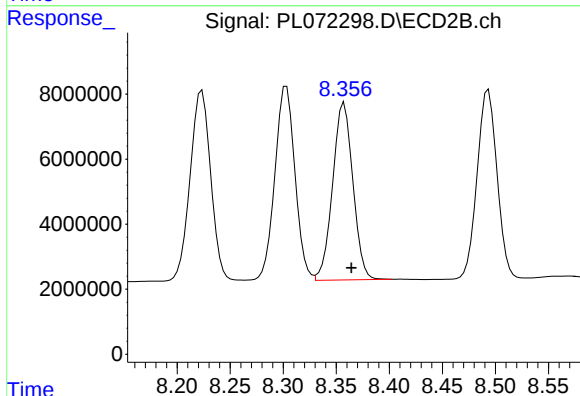
R.T.: 7.953 min  
Delta R.T.: -0.005 min  
Response: 78493494  
Conc: 39.20 ng/ml



#9 Endosulfan I

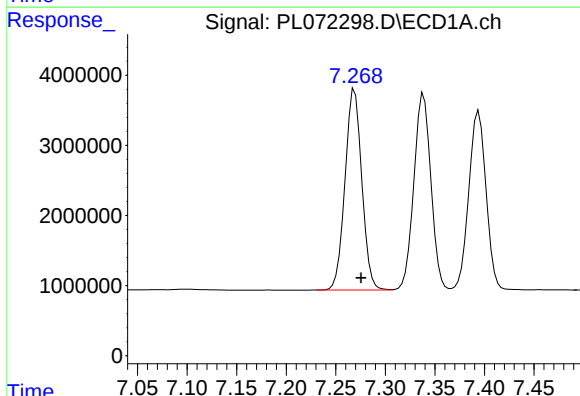
R.T.: 7.394 min  
Delta R.T.: -0.006 min  
Response: 30916746  
Conc: 43.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



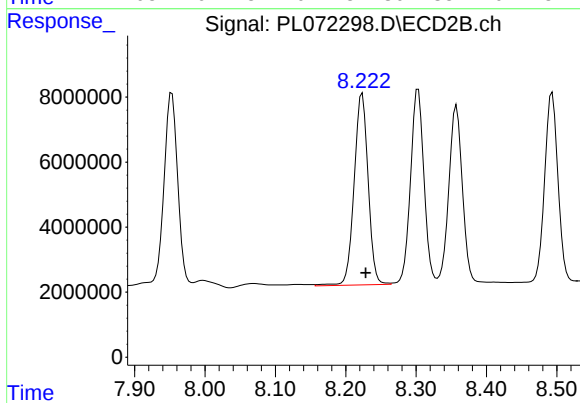
#9 Endosulfan I

R.T.: 8.357 min  
Delta R.T.: -0.007 min  
Response: 72390553  
Conc: 39.99 ng/ml



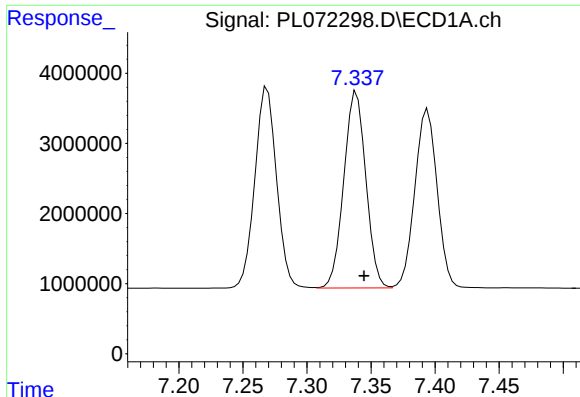
#10 gamma-Chlordane

R.T.: 7.269 min  
Delta R.T.: -0.006 min  
Response: 33746769  
Conc: 42.95 ng/ml



#10 gamma-Chlordane

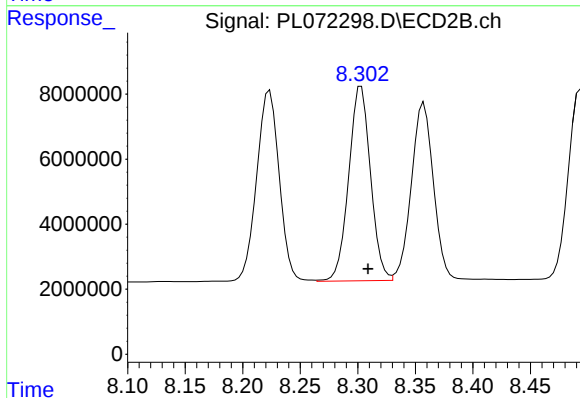
R.T.: 8.223 min  
Delta R.T.: -0.005 min  
Response: 81615571  
Conc: 40.39 ng/ml



#11 alpha-Chlordane

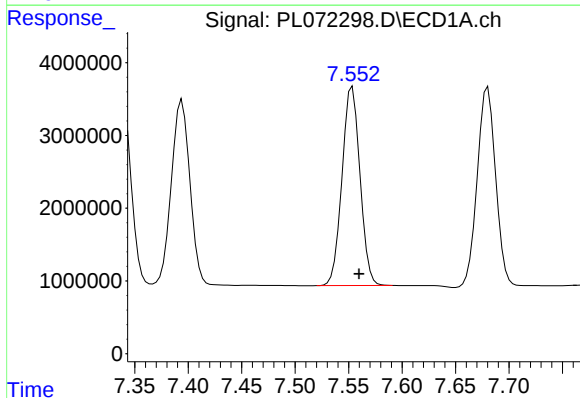
R.T.: 7.339 min  
Delta R.T.: -0.006 min  
Response: 33556240  
Conc: 42.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



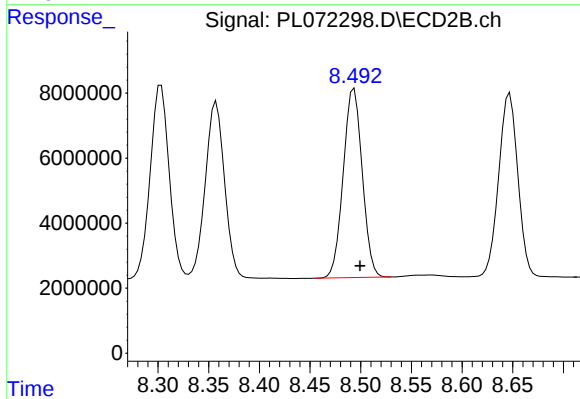
#11 alpha-Chlordane

R.T.: 8.303 min  
Delta R.T.: -0.006 min  
Response: 79229961  
Conc: 39.96 ng/ml



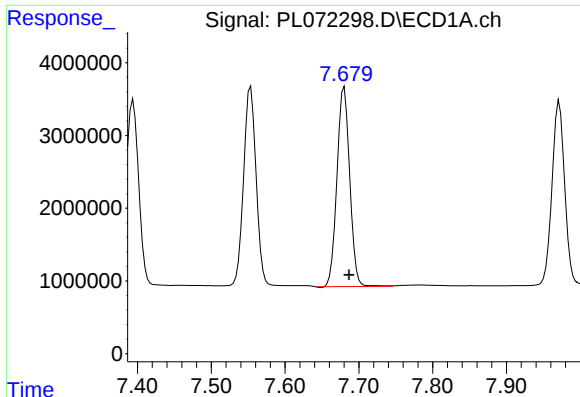
#12 4,4'-DDE

R.T.: 7.553 min  
Delta R.T.: -0.006 min  
Response: 32025202  
Conc: 44.36 ng/ml



#12 4,4'-DDE

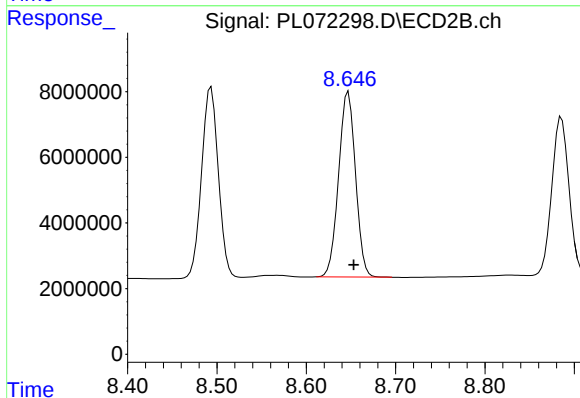
R.T.: 8.493 min  
Delta R.T.: -0.006 min  
Response: 75813400  
Conc: 40.09 ng/ml



#13 Dieldrin

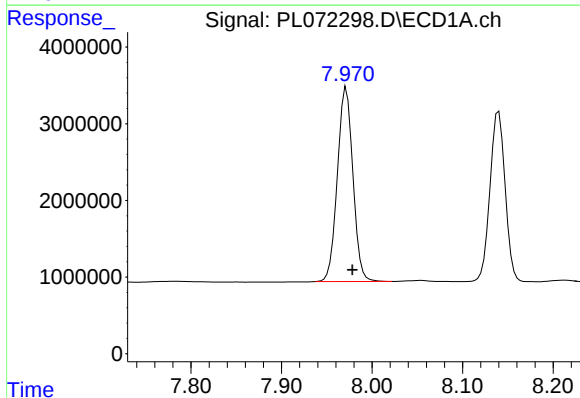
R.T.: 7.680 min  
Delta R.T.: -0.006 min  
Response: 32950467  
Conc: 43.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



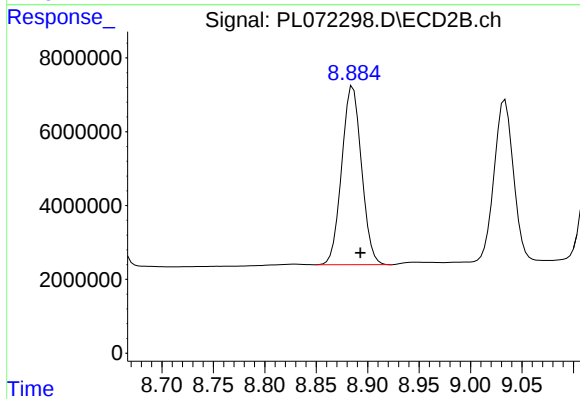
#13 Dieldrin

R.T.: 8.647 min  
Delta R.T.: -0.006 min  
Response: 74186882  
Conc: 37.76 ng/ml



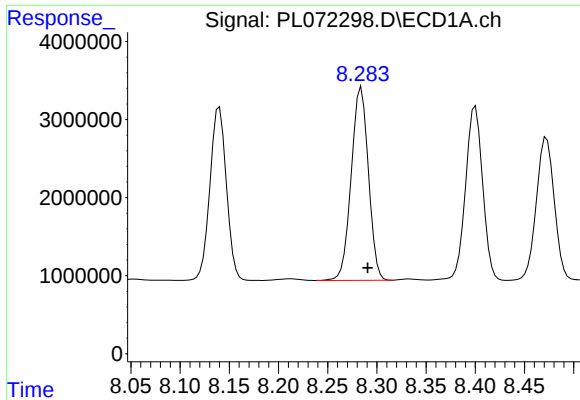
#14 Endrin

R.T.: 7.972 min  
Delta R.T.: -0.007 min  
Response: 30224729  
Conc: 43.14 ng/ml



#14 Endrin

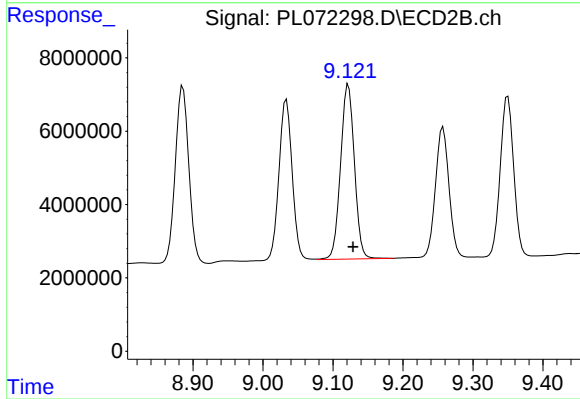
R.T.: 8.886 min  
Delta R.T.: -0.007 min  
Response: 64772714  
Conc: 39.07 ng/ml



#15 Endosulfan II

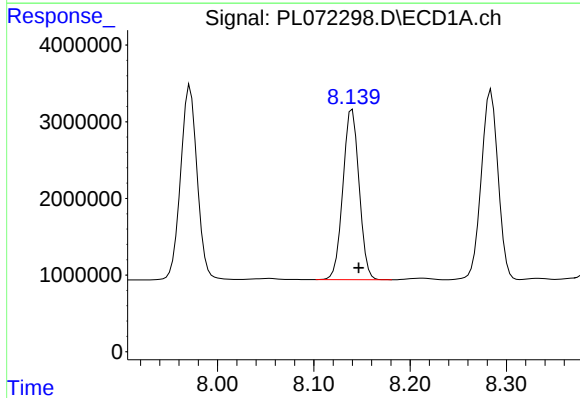
R.T.: 8.284 min  
Delta R.T.: -0.006 min  
Response: 30080468  
Conc: 40.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



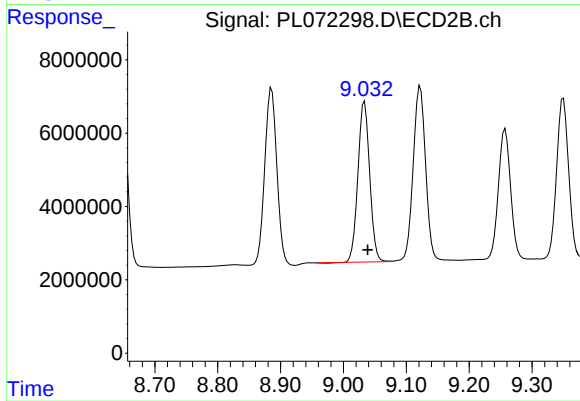
#15 Endosulfan II

R.T.: 9.122 min  
Delta R.T.: -0.007 min  
Response: 65307622  
Conc: 38.08 ng/ml



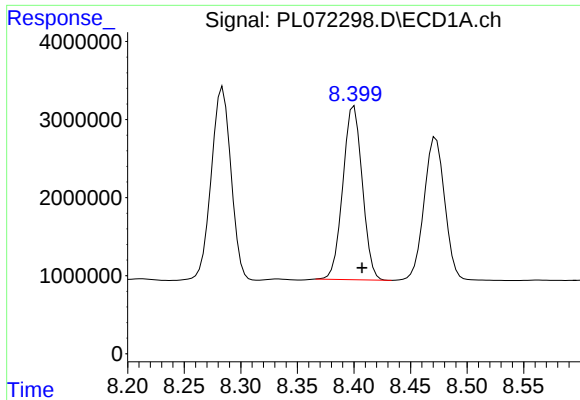
#16 4,4'-DDD

R.T.: 8.140 min  
Delta R.T.: -0.007 min  
Response: 25865080  
Conc: 44.12 ng/ml



#16 4,4'-DDD

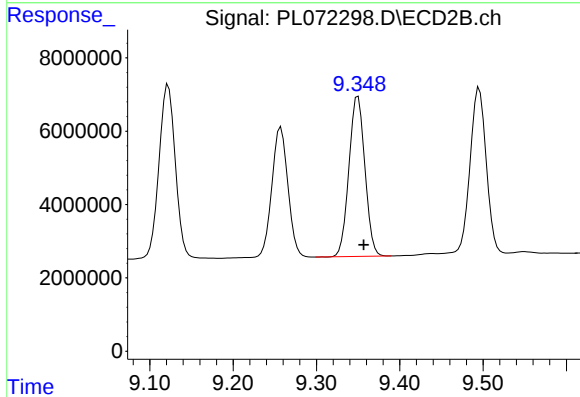
R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 56991624  
Conc: 39.86 ng/ml



#17 4,4'-DDT

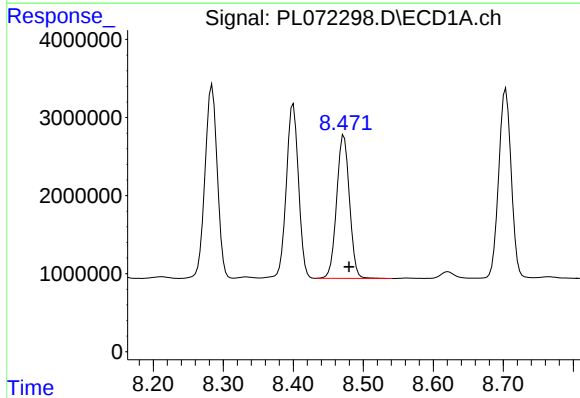
R.T.: 8.400 min  
Delta R.T.: -0.007 min  
Response: 26606106  
Conc: 40.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



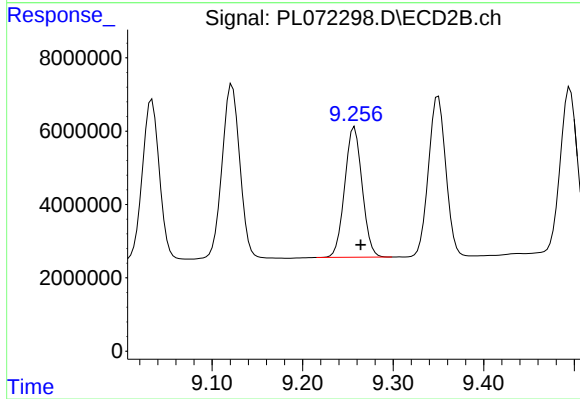
#17 4,4'-DDT

R.T.: 9.350 min  
Delta R.T.: -0.007 min  
Response: 57932742  
Conc: 36.65 ng/ml



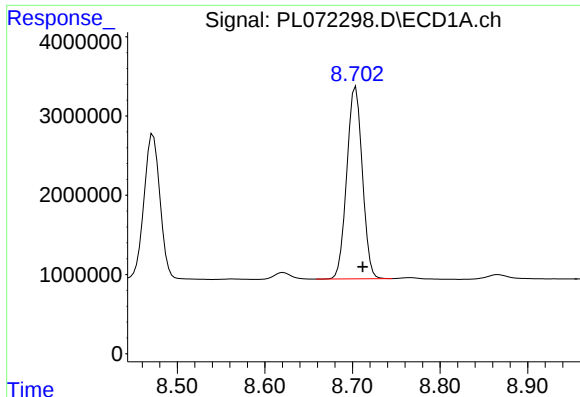
#18 Endrin aldehyde

R.T.: 8.472 min  
Delta R.T.: -0.008 min  
Response: 23405652  
Conc: 41.08 ng/ml



#18 Endrin aldehyde

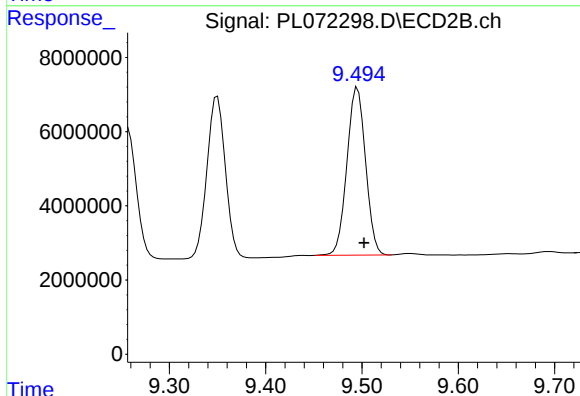
R.T.: 9.257 min  
Delta R.T.: -0.007 min  
Response: 47584438  
Conc: 38.33 ng/ml



#19 Endosulfan Sulfate

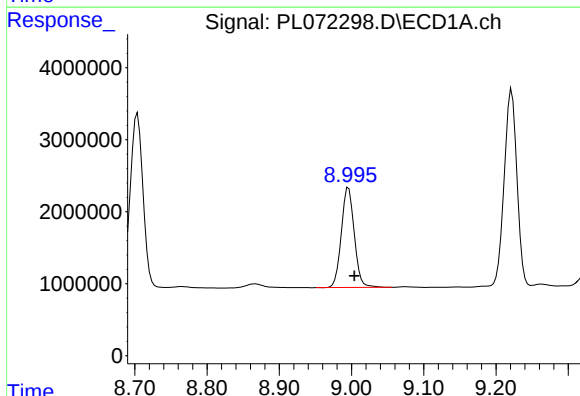
R.T.: 8.704 min  
Delta R.T.: -0.008 min  
Response: 29923754  
Conc: 40.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



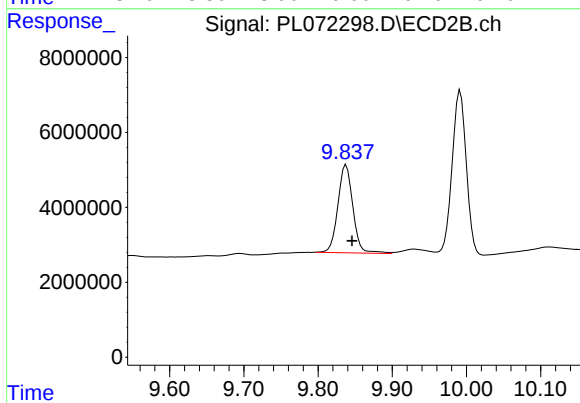
#19 Endosulfan Sulfate

R.T.: 9.495 min  
Delta R.T.: -0.007 min  
Response: 60567639  
Conc: 38.80 ng/ml



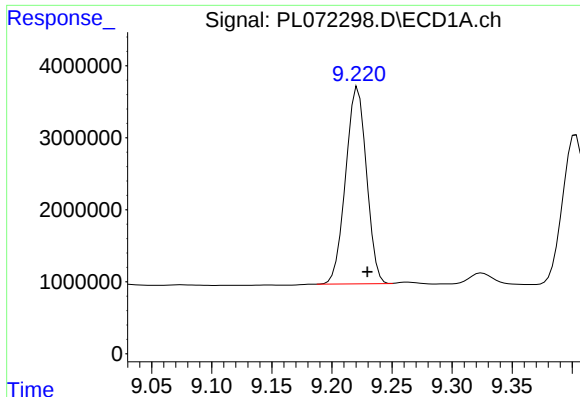
#20 Methoxychlor

R.T.: 8.996 min  
Delta R.T.: -0.008 min  
Response: 17278985  
Conc: 40.96 ng/ml



#20 Methoxychlor

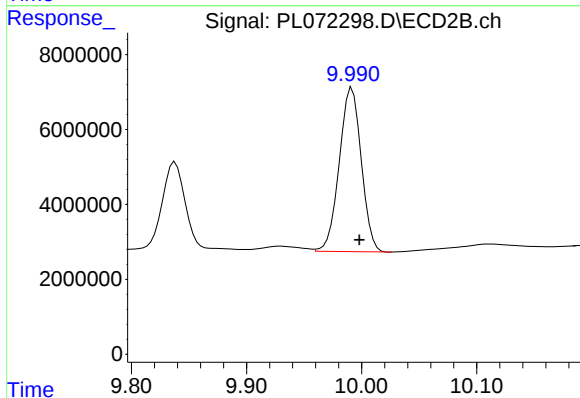
R.T.: 9.838 min  
Delta R.T.: -0.008 min  
Response: 33041189  
Conc: 39.89 ng/ml



#21 Endrin ketone

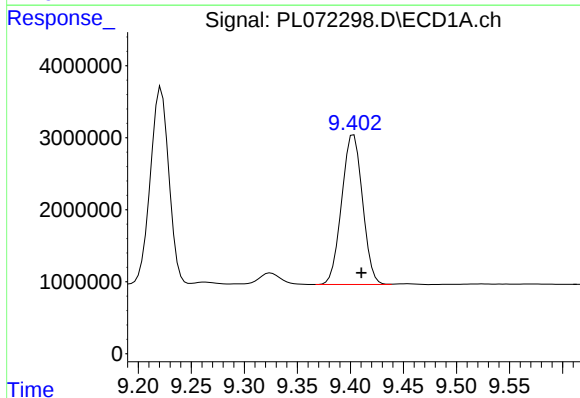
R.T.: 9.222 min  
Delta R.T.: -0.008 min  
Response: 33066546  
Conc: 39.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



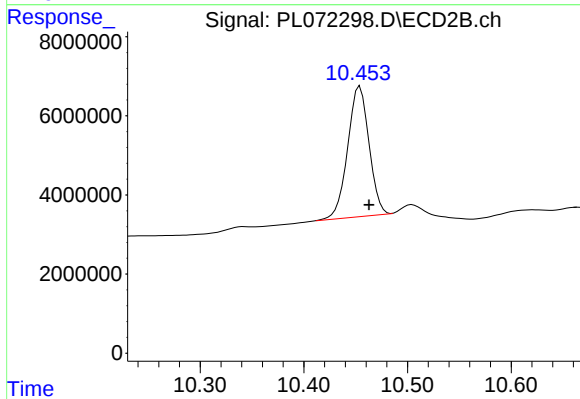
#21 Endrin ketone

R.T.: 9.992 min  
Delta R.T.: -0.006 min  
Response: 58356414  
Conc: 35.26 ng/ml



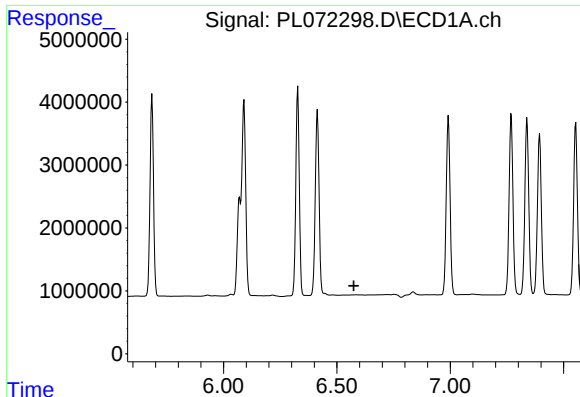
#22 Mirex

R.T.: 9.403 min  
Delta R.T.: -0.007 min  
Response: 28377834  
Conc: 38.43 ng/ml



#22 Mirex

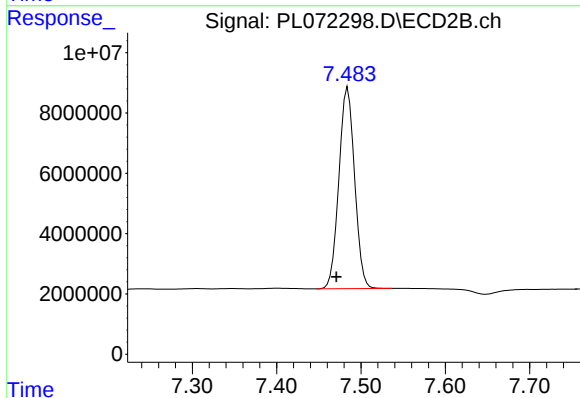
R.T.: 10.454 min  
Delta R.T.: -0.009 min  
Response: 47058972  
Conc: 37.71 ng/ml



#24 Chlordane-2

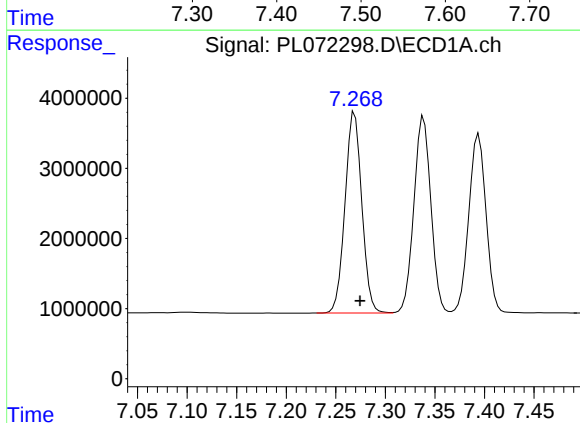
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



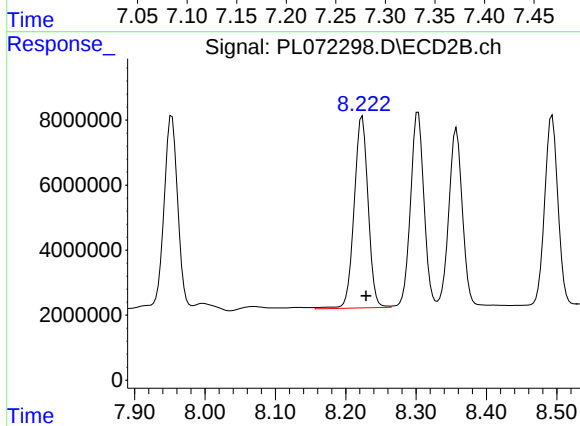
#24 Chlordane-2

R.T.: 7.484 min  
Delta R.T.: 0.014 min  
Response: 86374850  
Conc: 1235.79 ng/ml



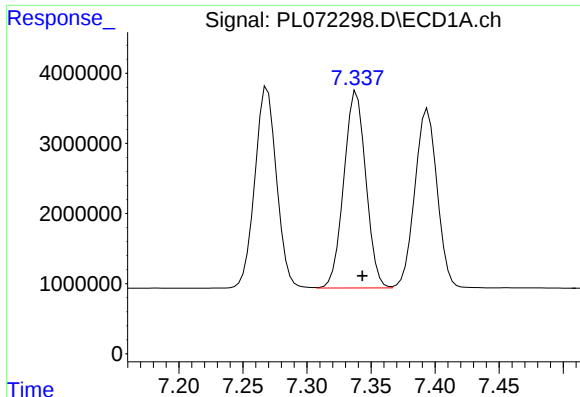
#25 Chlordane-3

R.T.: 7.269 min  
Delta R.T.: -0.005 min  
Response: 33746769  
Conc: 441.08 ng/ml



#25 Chlordane-3

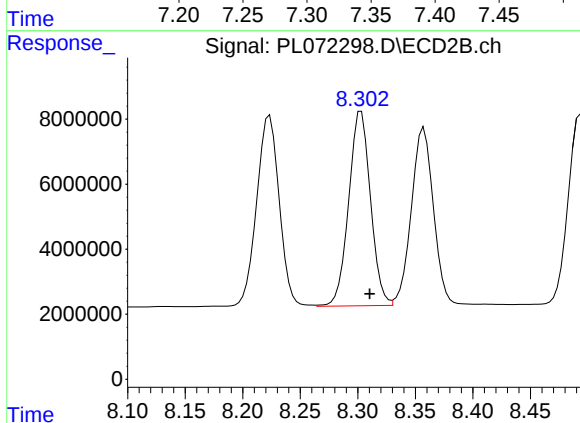
R.T.: 8.223 min  
Delta R.T.: -0.005 min  
Response: 81615571  
Conc: 293.76 ng/ml



#26 Chlordane-4

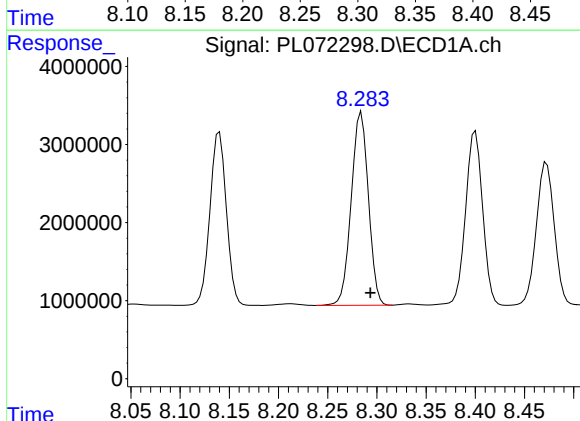
R.T.: 7.339 min  
Delta R.T.: -0.004 min  
Response: 33556240  
Conc: 406.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



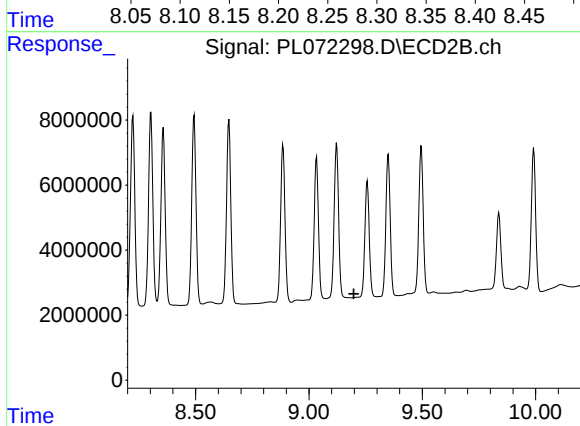
#26 Chlordane-4

R.T.: 8.303 min  
Delta R.T.: -0.007 min  
Response: 79229961  
Conc: 238.59 ng/ml



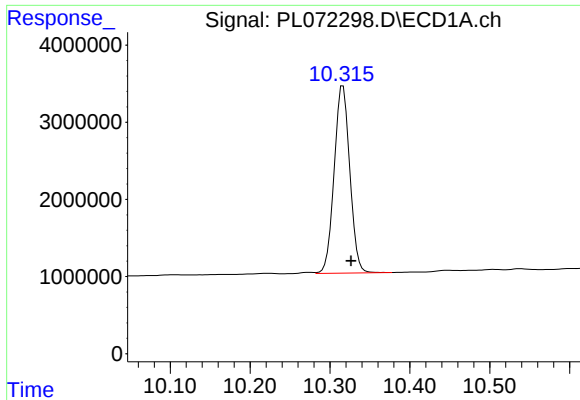
#27 Chlordane-5

R.T.: 8.284 min  
Delta R.T.: -0.009 min  
Response: 30080468  
Conc: 1032.15 ng/ml



#27 Chlordane-5

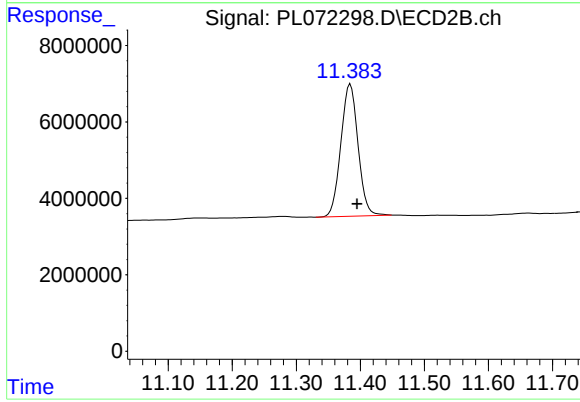
R.T.: 0.000 min  
Exp R.T. : 9.198 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.316 min  
Delta R.T.: -0.010 min  
Response: 32979281  
Conc: 37.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.384 min  
Delta R.T.: -0.010 min  
Response: 64383535  
Conc: 39.90 ng/ml