

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072891.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2022 16:28  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:34:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.551  | 5.488   | 9495461  | 34623052 | 19.720  | 20.044  |
| 28)                         | SA Decachlor... | 10.311 | 11.378  | 17300554 | 37025190 | 22.852  | 23.348  |
| Target Compounds            |                 |        |         |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.257  | 6.070   | 5875616  | 22717470 | 8.911   | 9.486   |
| 3)                          | MA gamma-BHC... | 5.680  | 6.466   | 5783195  | 21908591 | 9.202   | 9.515   |
| 4)                          | MA Heptachlor   | 6.065f | 7.104   | 2549281  | 131800   | 3.493   | 0.058 # |
| 5)                          | MB Aldrin       | 6.405  | 0.000   | 4471     | 0        | 0.007   | N.D. #  |
| 6)                          | B beta-BHC      | 6.065  | 6.726   | 2549281  | 11371886 | 10.288  | 11.155  |
| 7)                          | B delta-BHC     | 6.323  | 7.011   | 87827    | 1188103  | 0.133   | 0.519 # |
| 8)                          | B Heptachlo...  | 6.995  | 7.961   | 34871    | -1320    | 0.055   | N.D. #  |
| 9)                          | A Endosulfan I  | 7.404  | 8.330f  | 24270    | 174671   | 0.041   | 0.100 # |
| 10)                         | B gamma-Chl...  | 7.261  | 8.213   | 3808     | 128442   | 0.006   | 0.066 # |
| 11)                         | B alpha-Chl...  | 7.333  | 8.330f  | 26793    | 174671   | 0.042   | 0.092 # |
| 12)                         | B 4,4'-DDE      | 7.548  | 8.488   | 124854   | 362634   | 0.205   | 0.194   |
| 13)                         | MA Dieldrin     | 7.670  | 0.000   | 135360   | 0        | 0.214   | N.D. #  |
| 14)                         | MA Endrin       | 7.967  | 8.882   | 33076881 | 88770169 | 56.464  | 56.339  |
| 15)                         | B Endosulfa...  | 8.300  | 9.143f  | 113820   | 652396   | 0.187   | 0.388 # |
| 16)                         | A 4,4'-DDD      | 8.136  | 9.031   | 324789   | 839947   | 0.675   | 0.607   |
| 17)                         | MA 4,4'-DDT     | 8.396  | 9.346   | 67605123 | 174.6E6  | 125.641 | 114.047 |
| 18)                         | B Endrin al...  | 8.474  | 9.256   | 161888   | 227410   | 0.371   | 0.202 # |
| 19)                         | B Endosulfa...  | 8.696  | 0.000   | 55051    | 0        | 0.093   | N.D. #  |
| 20)                         | A Methoxychlor  | 8.991  | 9.834   | 95152966 | 225.2E6  | 270.610 | 278.118 |
| 21)                         | B Endrin ke...  | 9.215  | 9.988   | 461968   | 1328319  | 0.672   | 0.834   |
| 22)                         | Mirex           | 9.422f | 10.472f | 67919    | 12356    | 0.114   | 0.011 # |
| 24)                         | Chlordane-2     | 6.563  | 0.000   | 6187     | 0        | 0.245   | N.D. #  |
| 25)                         | Chlordane-3     | 7.261  | 8.213   | 3808     | 128442   | 0.057   | 0.430 # |
| 26)                         | Chlordane-4     | 7.333  | 8.330f  | 26793    | 174671   | 0.365   | 0.490 # |
| 27)                         | Chlordane-5     | 8.300  | 0.000   | 113820   | 0        | 4.436   | N.D. #  |
| -----                       |                 |        |         |          |          |         |         |

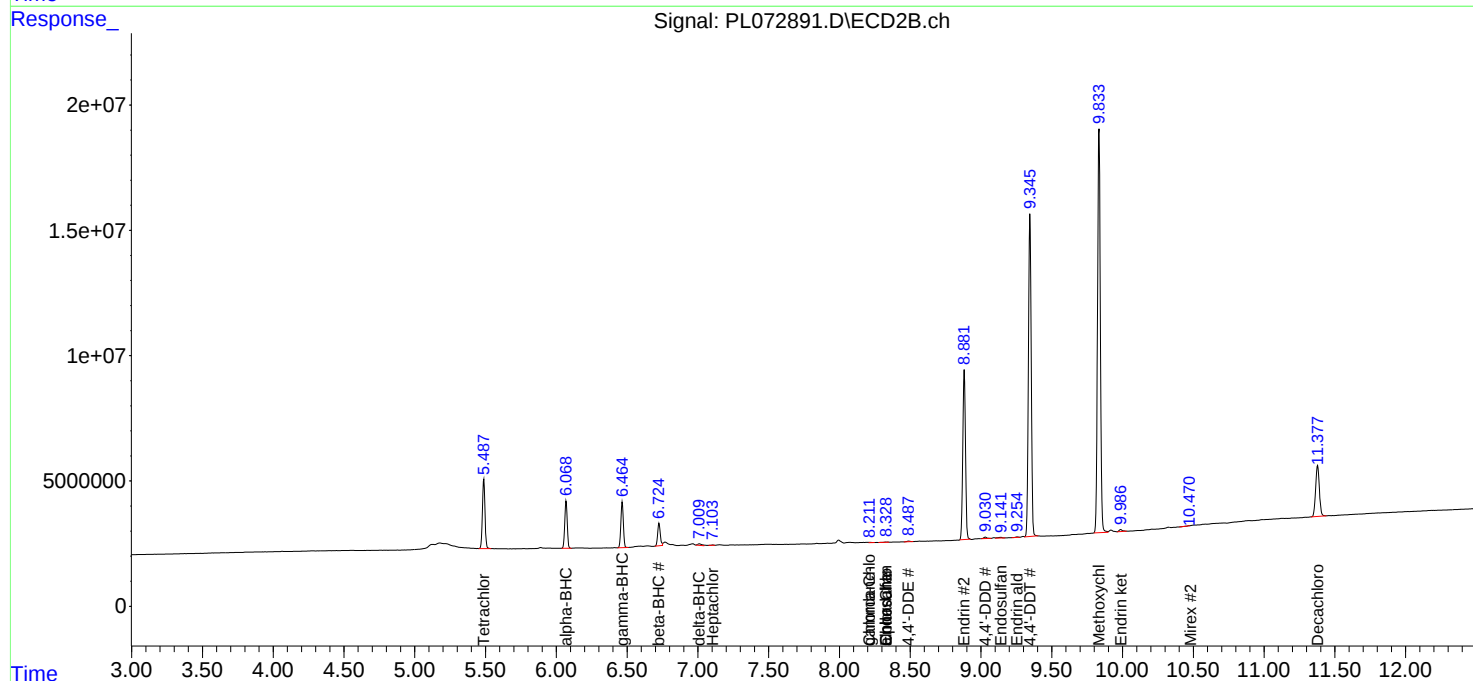
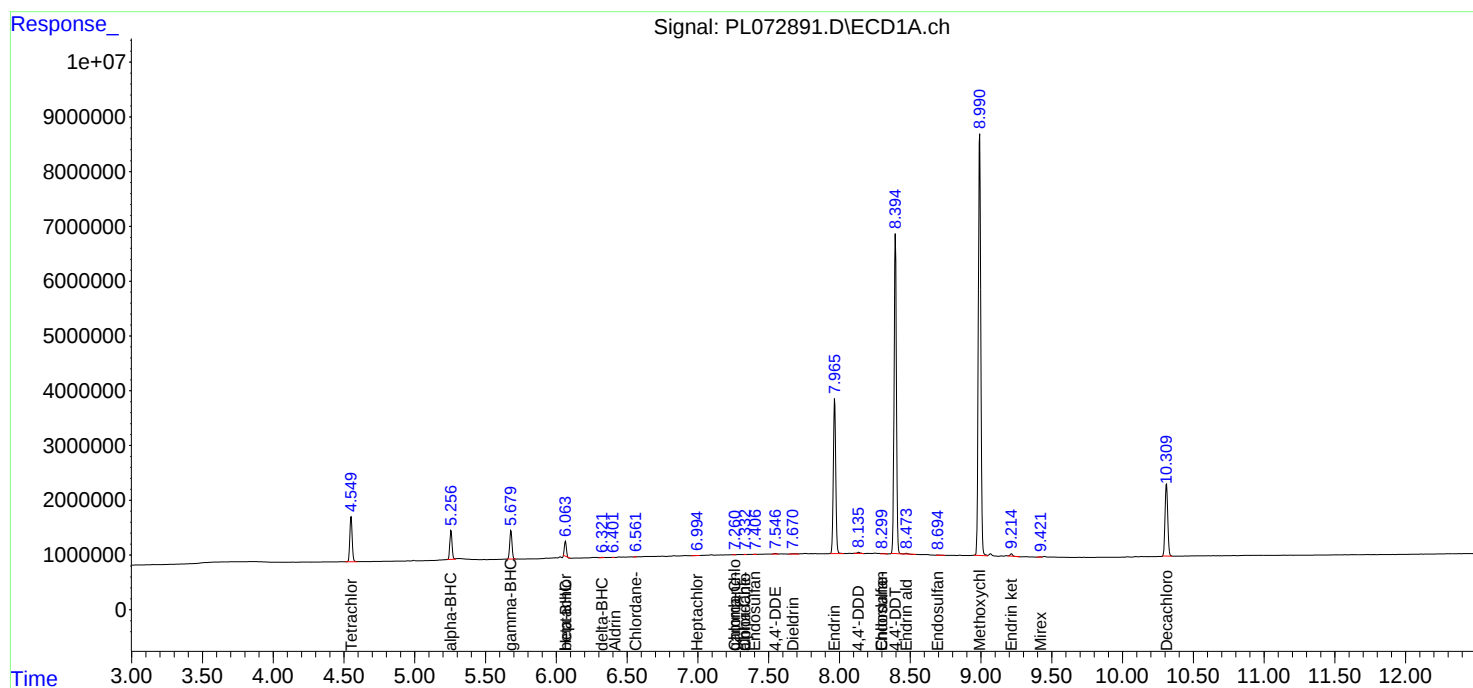
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

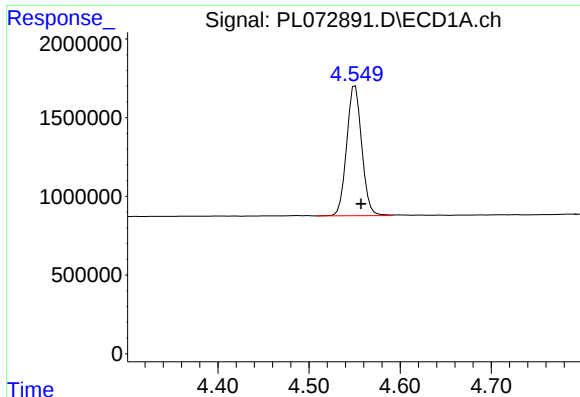
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022222\  
 Data File : PL072891.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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 Operator : AR\AJ  
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 05:34:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
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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

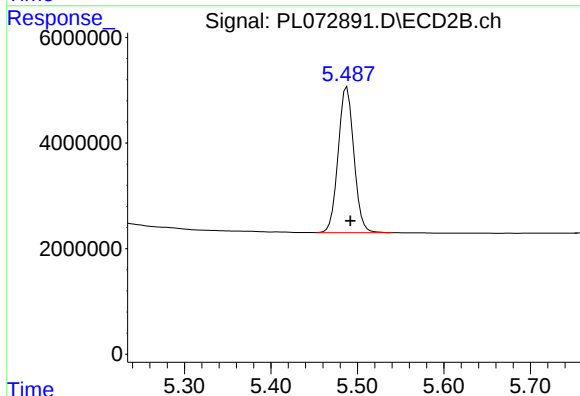




#1 Tetrachloro-m-xylene

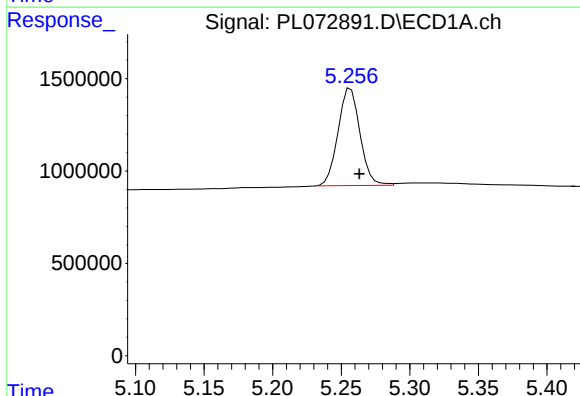
R.T.: 4.551 min  
Delta R.T.: -0.006 min  
Response: 9495461  
Conc: 19.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



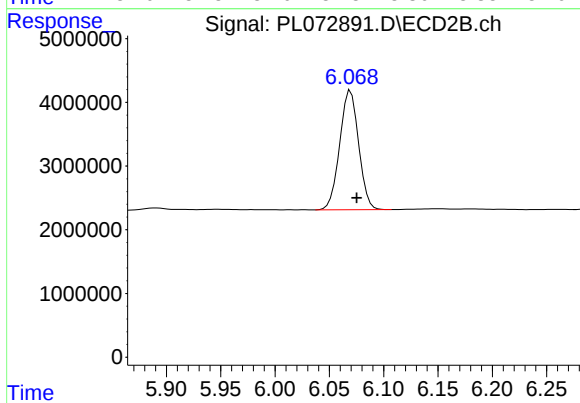
#1 Tetrachloro-m-xylene

R.T.: 5.488 min  
Delta R.T.: -0.004 min  
Response: 34623052  
Conc: 20.04 ng/ml



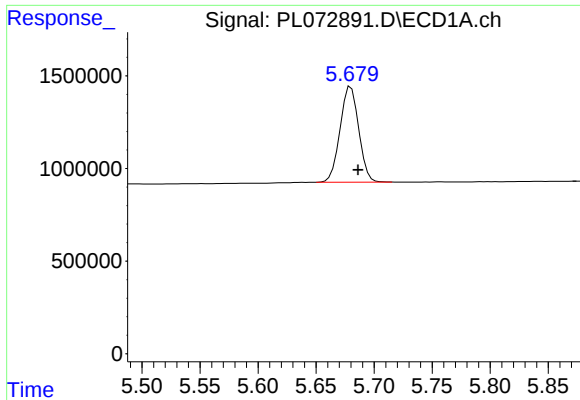
#2 alpha-BHC

R.T.: 5.257 min  
Delta R.T.: -0.006 min  
Response: 5875616  
Conc: 8.91 ng/ml



#2 alpha-BHC

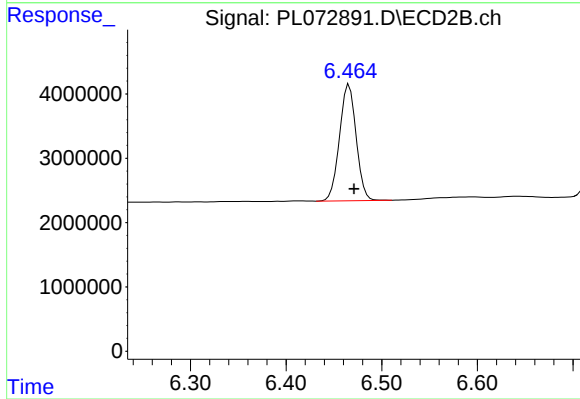
R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 22717470  
Conc: 9.49 ng/ml



#3 gamma-BHC (Lindane)

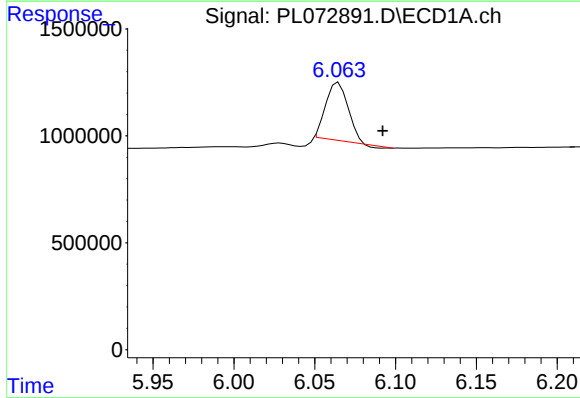
R.T.: 5.680 min  
Delta R.T.: -0.006 min  
Response: 5783195  
Conc: 9.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



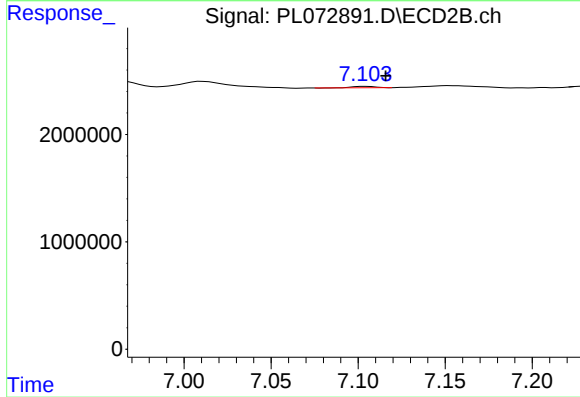
#3 gamma-BHC (Lindane)

R.T.: 6.466 min  
Delta R.T.: -0.005 min  
Response: 21908591  
Conc: 9.52 ng/ml



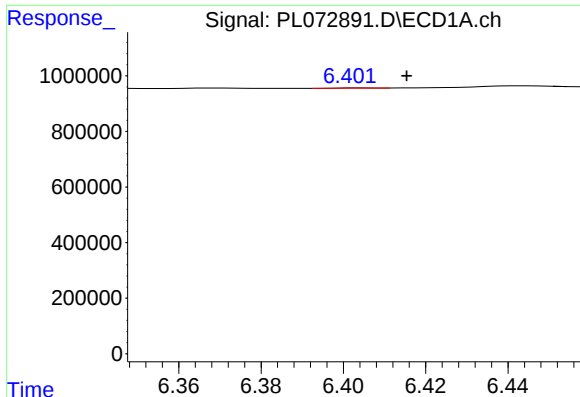
#4 Heptachlor

R.T.: 6.065 min  
Delta R.T.: -0.027 min  
Response: 2549281  
Conc: 3.49 ng/ml



#4 Heptachlor

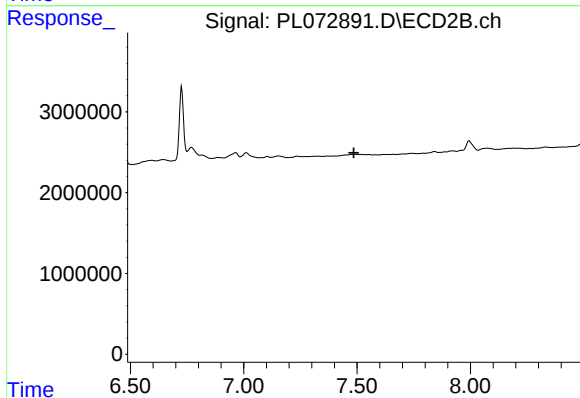
R.T.: 7.104 min  
Delta R.T.: -0.012 min  
Response: 131800  
Conc: 0.06 ng/ml



#5 Aldrin

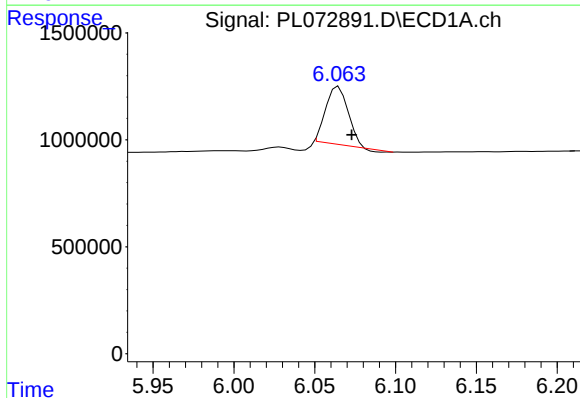
R.T.: 6.405 min  
Delta R.T.: -0.010 min  
Response: 4471  
Conc: 0.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



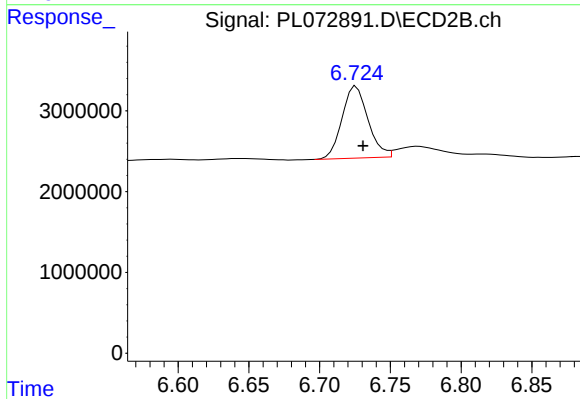
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 7.486 min  
Response: 0  
Conc: N.D.



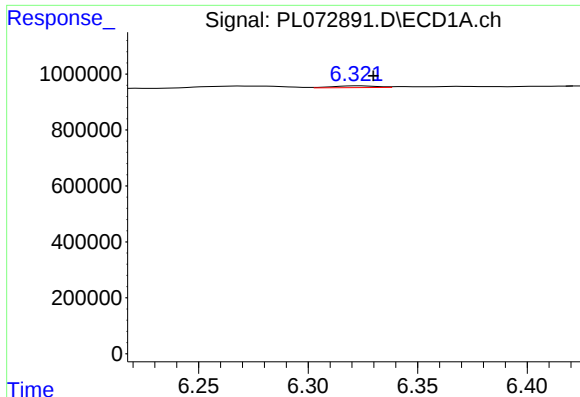
#6 beta-BHC

R.T.: 6.065 min  
Delta R.T.: -0.008 min  
Response: 2549281  
Conc: 10.29 ng/ml



#6 beta-BHC

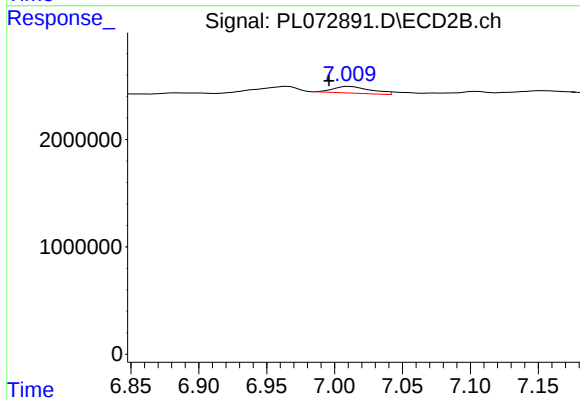
R.T.: 6.726 min  
Delta R.T.: -0.005 min  
Response: 11371886  
Conc: 11.16 ng/ml



#7 delta-BHC

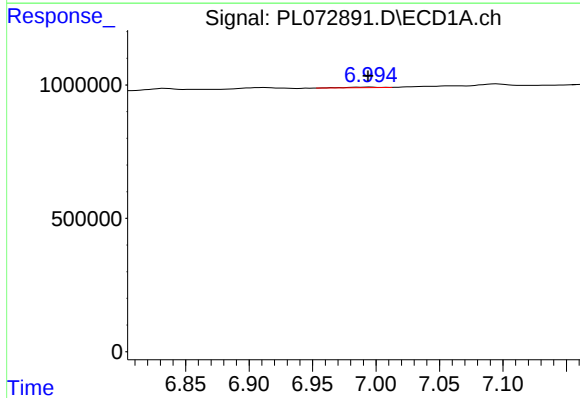
R.T.: 6.323 min  
Delta R.T.: -0.006 min  
Response: 87827  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



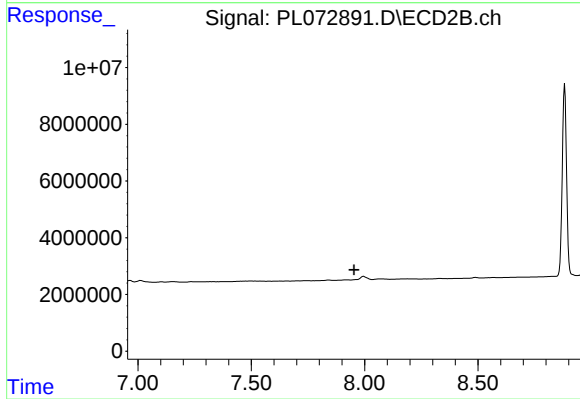
#7 delta-BHC

R.T.: 7.011 min  
Delta R.T.: 0.014 min  
Response: 1188103  
Conc: 0.52 ng/ml



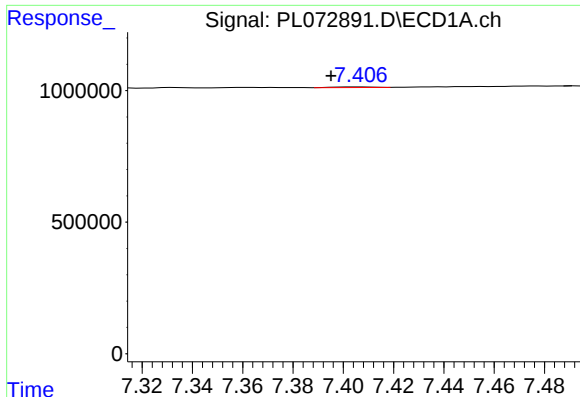
#8 Heptachlor epoxide

R.T.: 6.995 min  
Delta R.T.: 0.001 min  
Response: 34871  
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

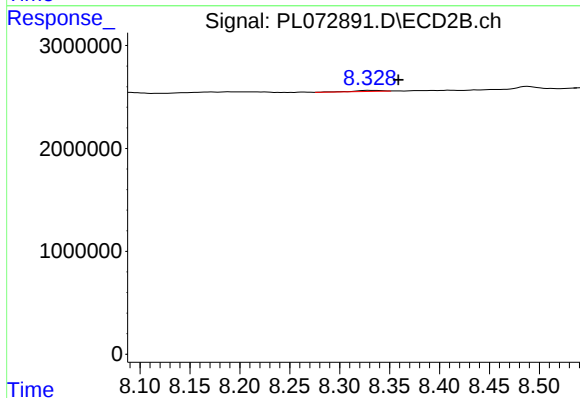
R.T.: 7.961 min  
Delta R.T.: 0.007 min  
Response: -1320  
Conc: N.D.



#9 Endosulfan I

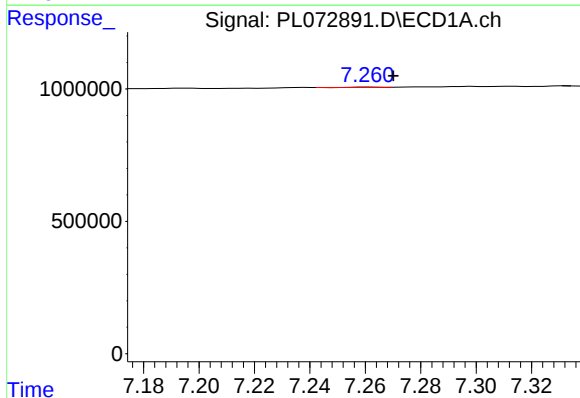
R.T.: 7.404 min  
Delta R.T.: 0.009 min  
Response: 24270  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



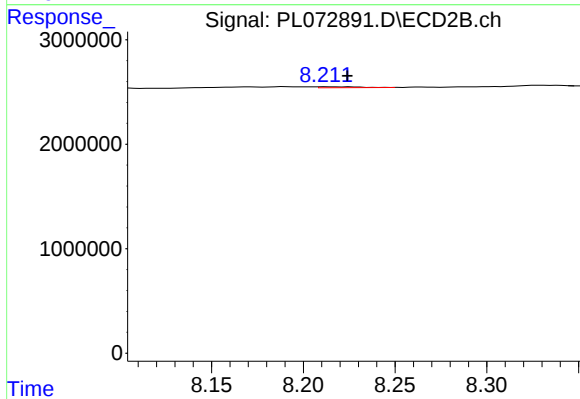
#9 Endosulfan I

R.T.: 8.330 min  
Delta R.T.: -0.029 min  
Response: 174671  
Conc: 0.10 ng/ml



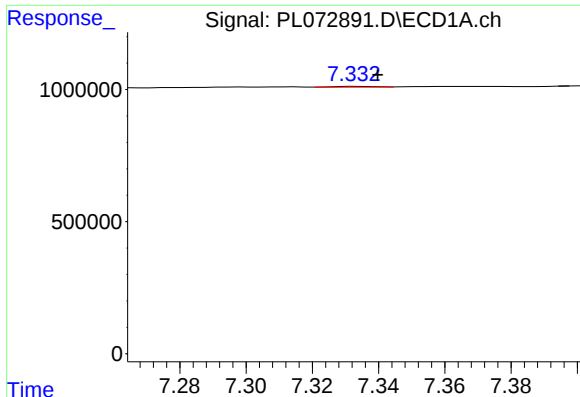
#10 gamma-Chlordane

R.T.: 7.261 min  
Delta R.T.: -0.009 min  
Response: 3808  
Conc: 0.01 ng/ml



#10 gamma-Chlordane

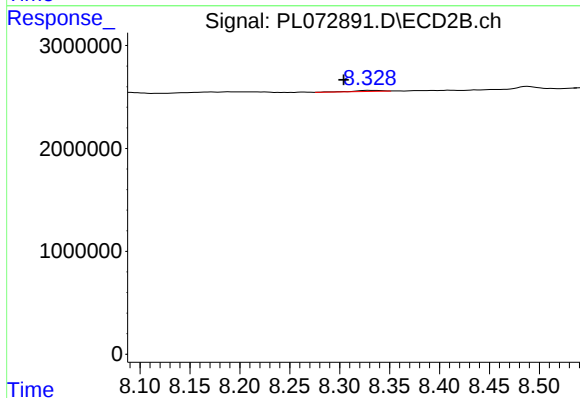
R.T.: 8.213 min  
Delta R.T.: -0.011 min  
Response: 128442  
Conc: 0.07 ng/ml



#11 alpha-Chlordane

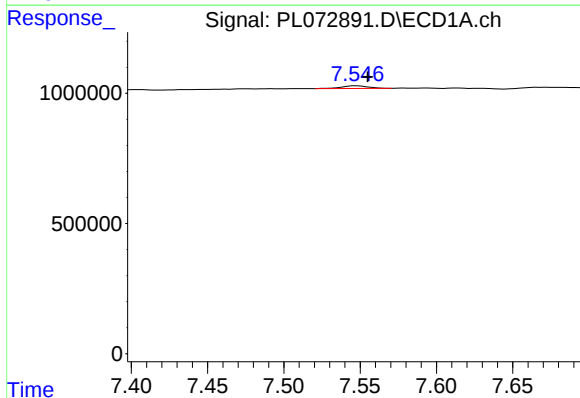
R.T.: 7.333 min  
Delta R.T.: -0.007 min  
Response: 26793  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



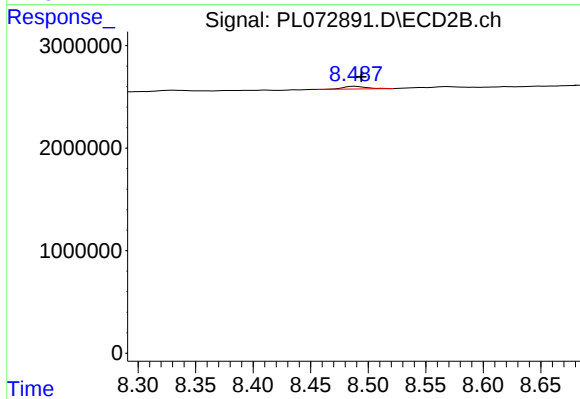
#11 alpha-Chlordane

R.T.: 8.330 min  
Delta R.T.: 0.026 min  
Response: 174671  
Conc: 0.09 ng/ml



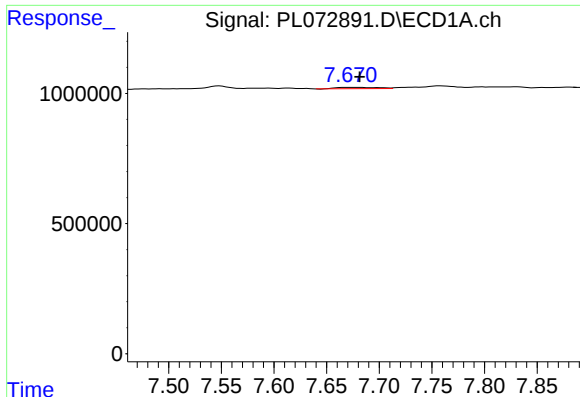
#12 4,4'-DDE

R.T.: 7.548 min  
Delta R.T.: -0.007 min  
Response: 124854  
Conc: 0.21 ng/ml



#12 4,4'-DDE

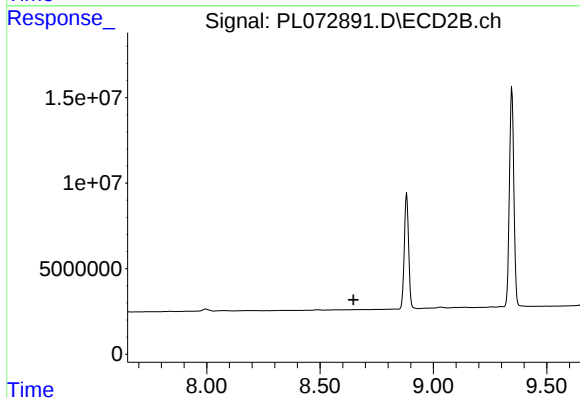
R.T.: 8.488 min  
Delta R.T.: -0.006 min  
Response: 362634  
Conc: 0.19 ng/ml



#13 Dieldrin

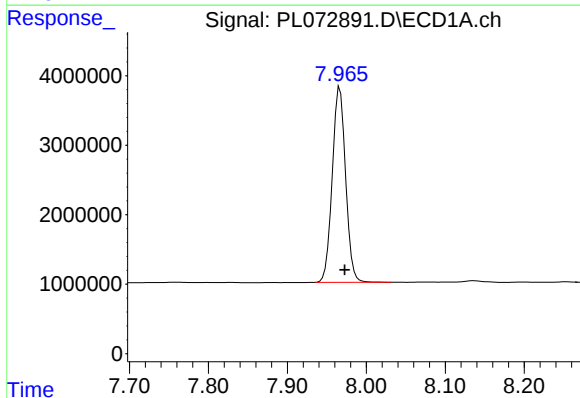
R.T.: 7.670 min  
Delta R.T.: -0.011 min  
Response: 135360  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



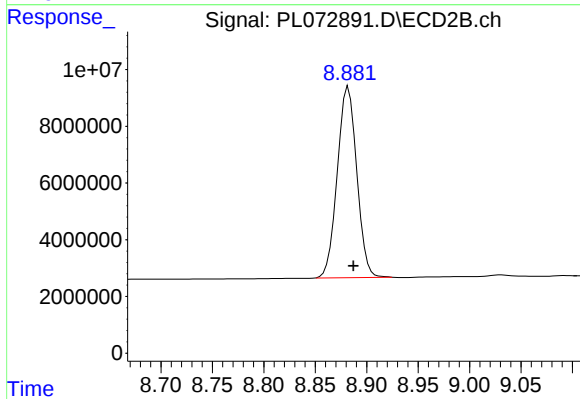
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 8.648 min  
Response: 0  
Conc: N.D.



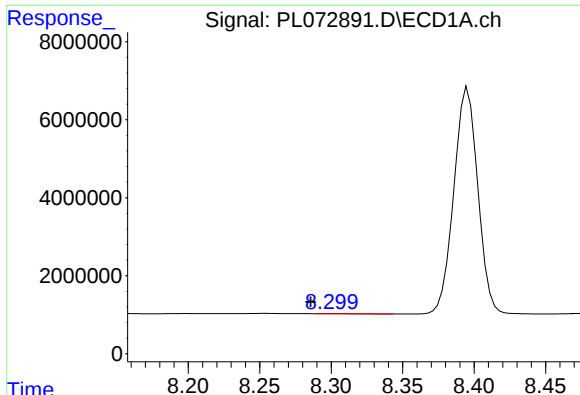
#14 Endrin

R.T.: 7.967 min  
Delta R.T.: -0.006 min  
Response: 33076881  
Conc: 56.46 ng/ml



#14 Endrin

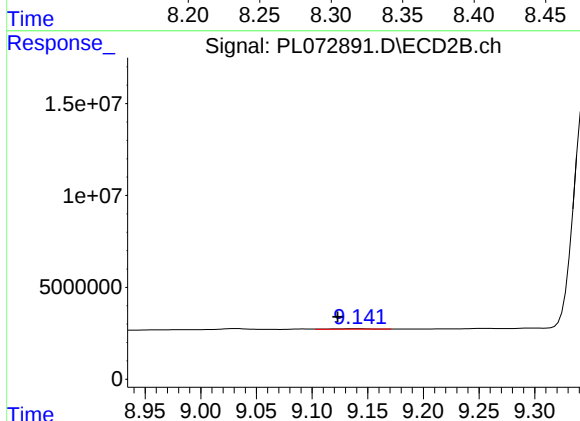
R.T.: 8.882 min  
Delta R.T.: -0.005 min  
Response: 88770169  
Conc: 56.34 ng/ml



#15 Endosulfan II

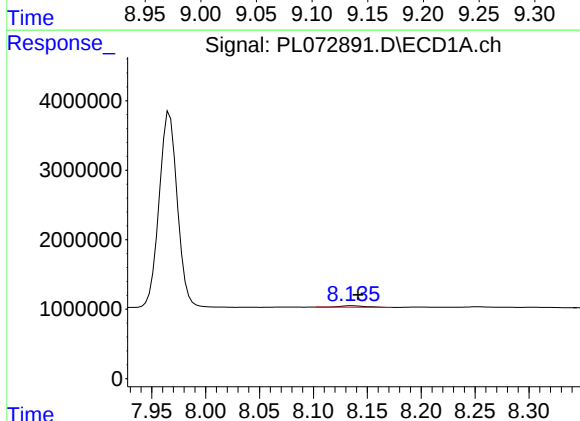
R.T.: 8.300 min  
Delta R.T.: 0.015 min  
Response: 113820  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



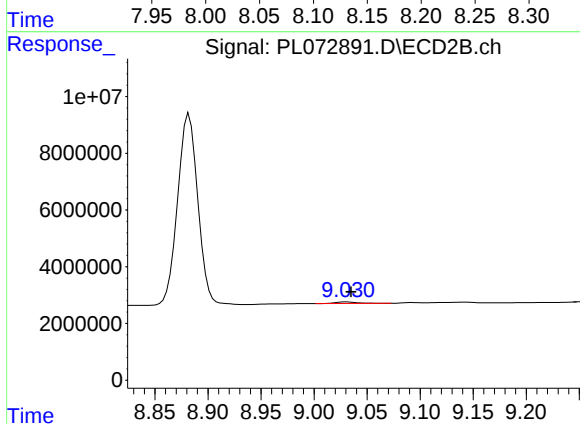
#15 Endosulfan II

R.T.: 9.143 min  
Delta R.T.: 0.020 min  
Response: 652396  
Conc: 0.39 ng/ml



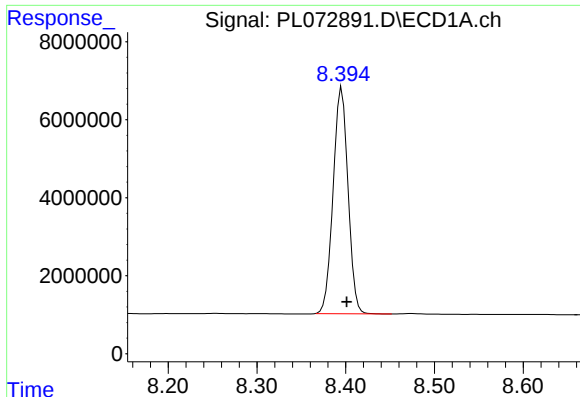
#16 4,4'-DDD

R.T.: 8.136 min  
Delta R.T.: -0.005 min  
Response: 324789  
Conc: 0.68 ng/ml



#16 4,4'-DDD

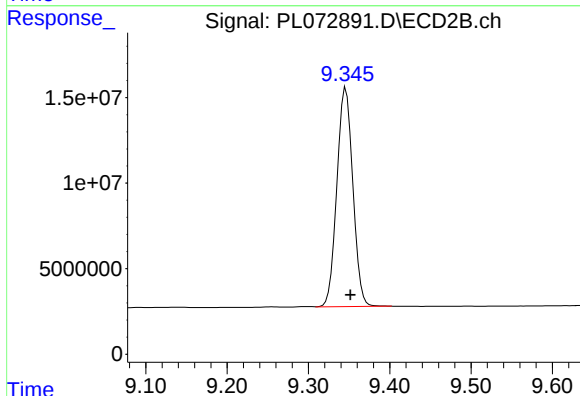
R.T.: 9.031 min  
Delta R.T.: -0.004 min  
Response: 839947  
Conc: 0.61 ng/ml



#17 4,4'-DDT

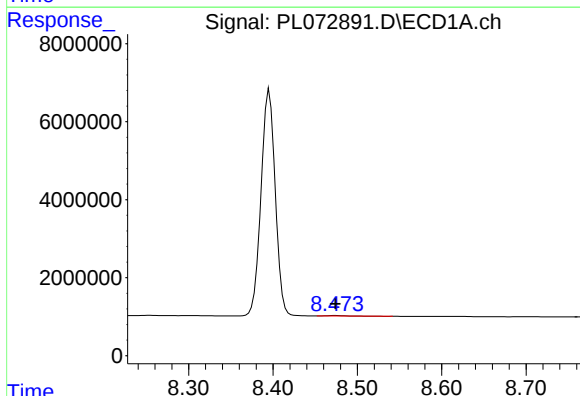
R.T.: 8.396 min  
Delta R.T.: -0.006 min  
Response: 67605123  
Conc: 125.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



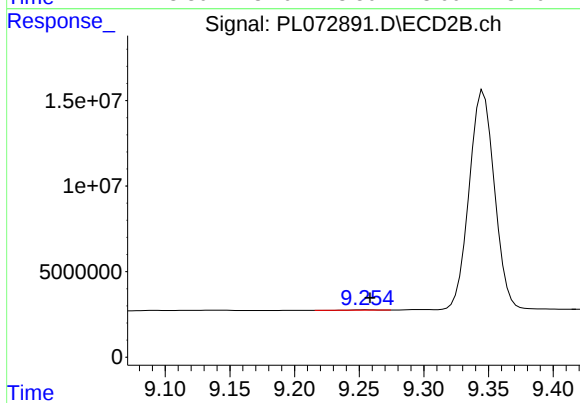
#17 4,4'-DDT

R.T.: 9.346 min  
Delta R.T.: -0.005 min  
Response: 174589265  
Conc: 114.05 ng/ml



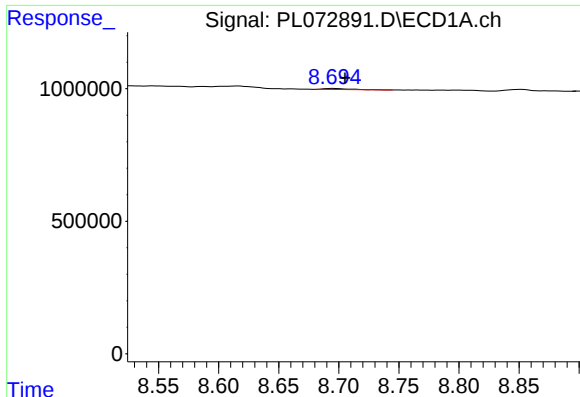
#18 Endrin aldehyde

R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 161888  
Conc: 0.37 ng/ml



#18 Endrin aldehyde

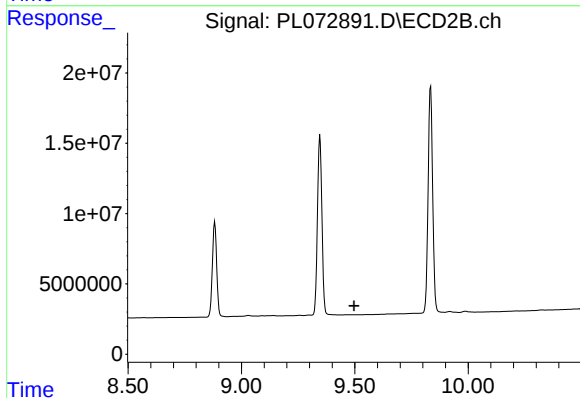
R.T.: 9.256 min  
Delta R.T.: -0.002 min  
Response: 227410  
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

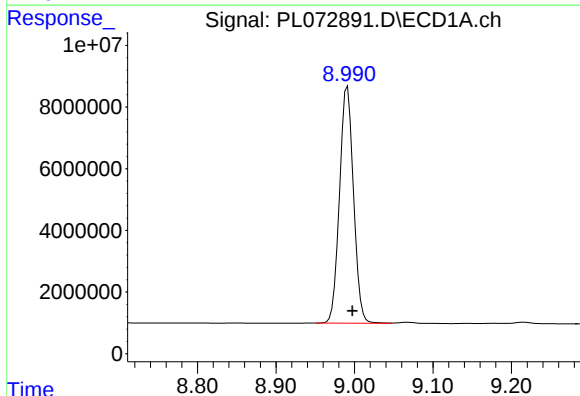
R.T.: 8.696 min  
Delta R.T.: -0.009 min  
Response: 55051  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



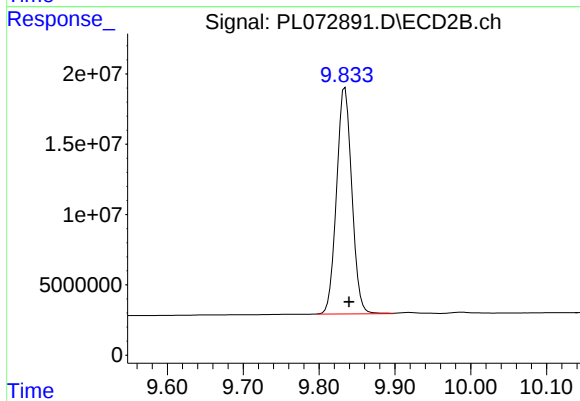
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 9.497 min  
Response: 0  
Conc: N.D.



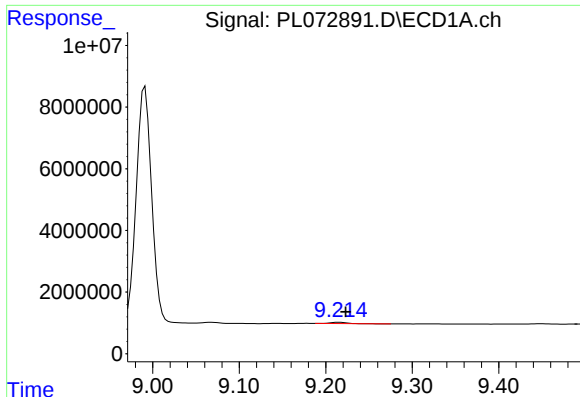
#20 Methoxychlor

R.T.: 8.991 min  
Delta R.T.: -0.006 min  
Response: 95152966  
Conc: 270.61 ng/ml



#20 Methoxychlor

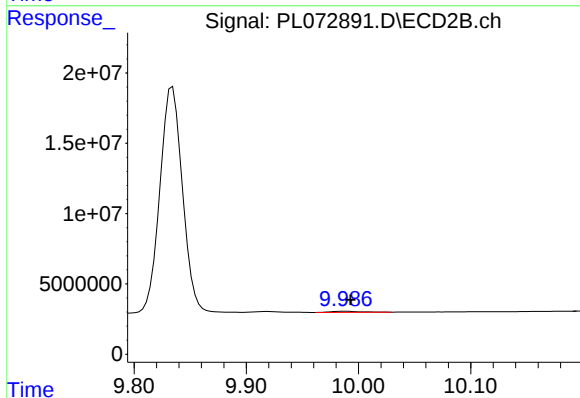
R.T.: 9.834 min  
Delta R.T.: -0.005 min  
Response: 225179172  
Conc: 278.12 ng/ml



#21 Endrin ketone

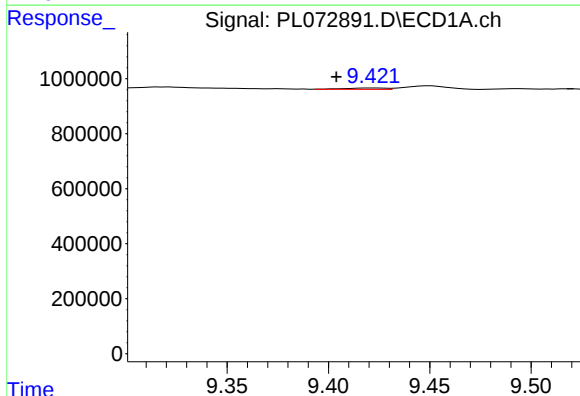
R.T.: 9.215 min  
Delta R.T.: -0.008 min  
Response: 461968  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



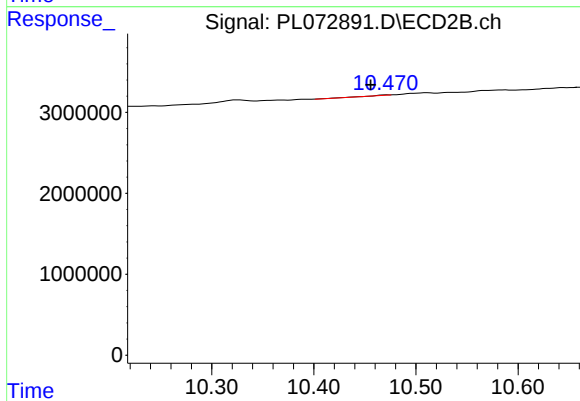
#21 Endrin ketone

R.T.: 9.988 min  
Delta R.T.: -0.005 min  
Response: 1328319  
Conc: 0.83 ng/ml



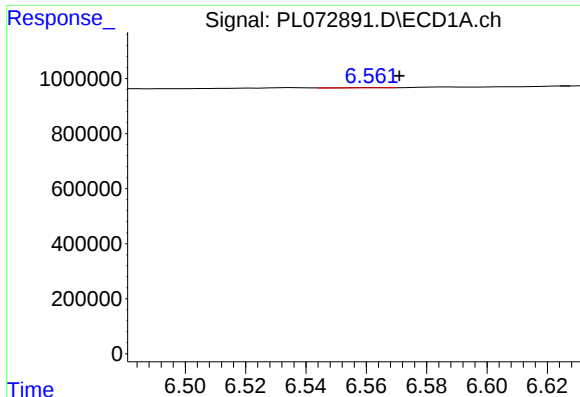
#22 Mirex

R.T.: 9.422 min  
Delta R.T.: 0.018 min  
Response: 67919  
Conc: 0.11 ng/ml



#22 Mirex

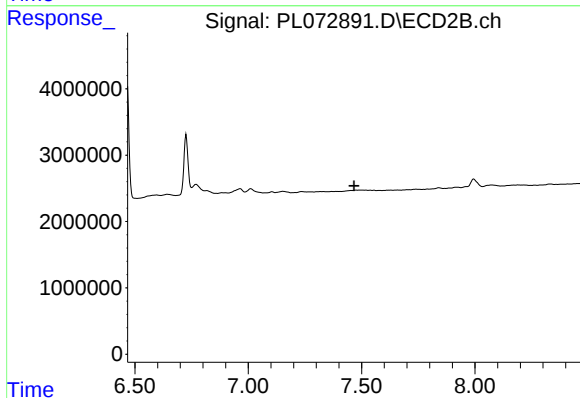
R.T.: 10.472 min  
Delta R.T.: 0.016 min  
Response: 12356  
Conc: 0.01 ng/ml



#24 Chlordane-2

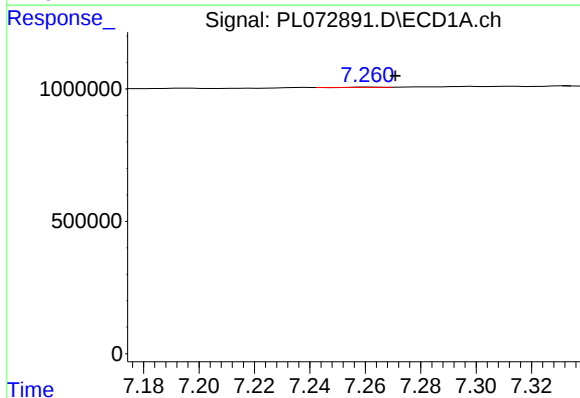
R.T.: 6.563 min  
Delta R.T.: -0.008 min  
Response: 6187  
Conc: 0.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



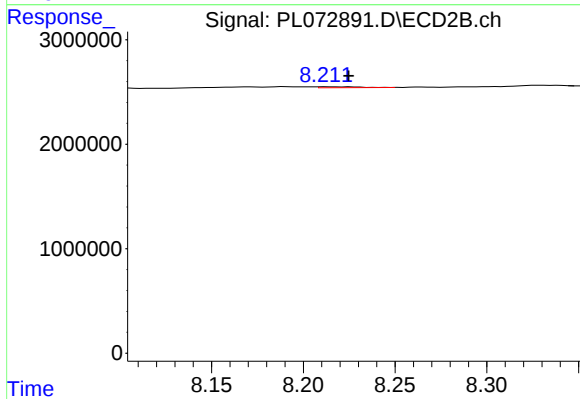
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 7.467 min  
Response: 0  
Conc: N.D.



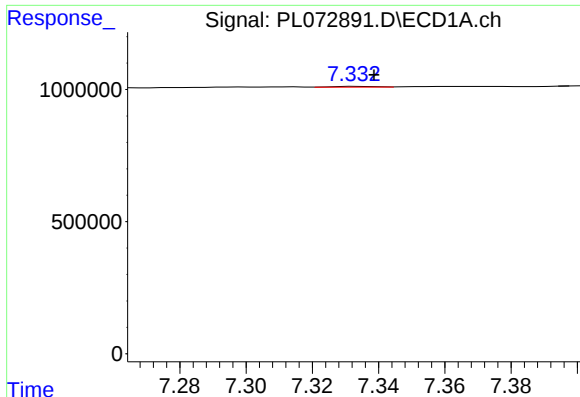
#25 Chlordane-3

R.T.: 7.261 min  
Delta R.T.: -0.010 min  
Response: 3808  
Conc: 0.06 ng/ml



#25 Chlordane-3

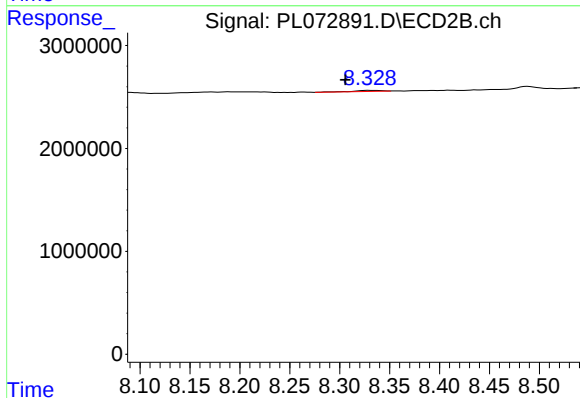
R.T.: 8.213 min  
Delta R.T.: -0.012 min  
Response: 128442  
Conc: 0.43 ng/ml



#26 Chlordane-4

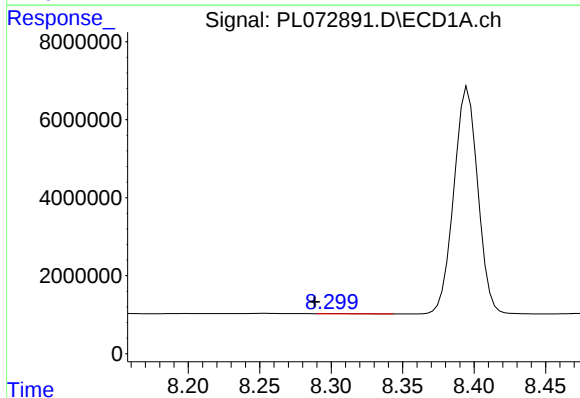
R.T.: 7.333 min  
Delta R.T.: -0.005 min  
Response: 26793  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



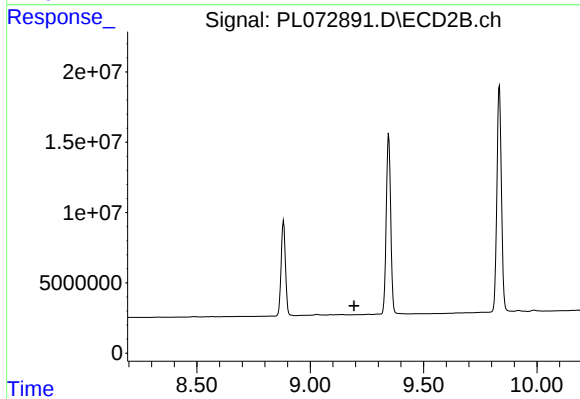
#26 Chlordane-4

R.T.: 8.330 min  
Delta R.T.: 0.024 min  
Response: 174671  
Conc: 0.49 ng/ml



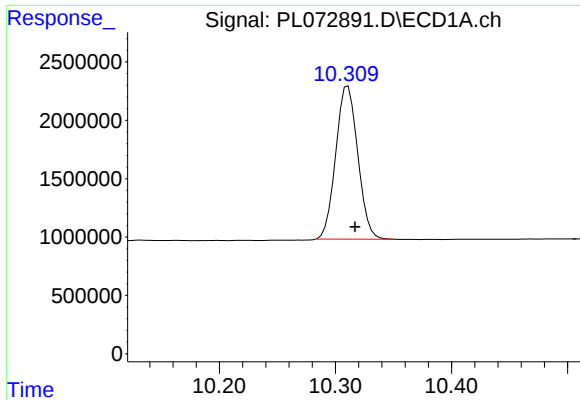
#27 Chlordane-5

R.T.: 8.300 min  
Delta R.T.: 0.012 min  
Response: 113820  
Conc: 4.44 ng/ml



#27 Chlordane-5

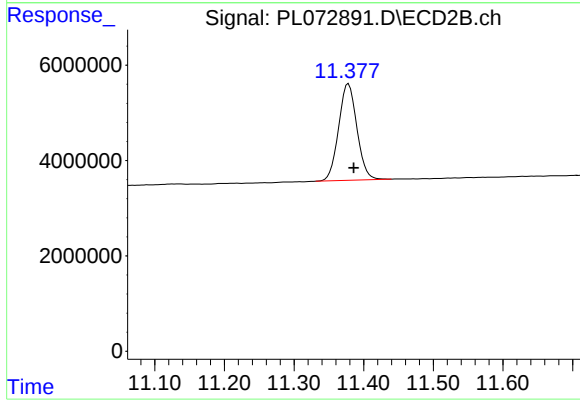
R.T.: 0.000 min  
Exp R.T. : 9.193 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.311 min  
Delta R.T.: -0.006 min  
Response: 17300554  
Conc: 22.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.378 min  
Delta R.T.: -0.008 min  
Response: 37025190  
Conc: 23.35 ng/ml