

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041322\  
 Data File : PL074030.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Apr 2022 22:45  
 Operator : AR\AJ  
 Sample : N2349-13MSD 10X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 14 00:44:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 08 15:48:40 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... | 4.637  | 5.490   | 900367   | 1472701  | 2.787    | 0.826 #   |
| 2)                          | SA Decachlor... | 10.405 | 11.309f | 3648672  | 117221   | 7.016    | 0.066 #   |
| Target Compounds            |                 |        |         |          |          |          |           |
| 2)                          | A alpha-BHC     | 5.345  | 6.053   | 1842760  | 7380894  | 4.391    | 2.931 #   |
| 3)                          | MA gamma-BHC... | 5.768  | 6.443   | 1829233  | 7135309  | 4.362    | 3.014 #   |
| 4)                          | MA Heptachlor   | 6.180  | 7.102   | 1588985  | 6332432  | 3.527    | 2.428 #   |
| 5)                          | MB Aldrin       | 6.501  | 7.470   | 7554870  | 5288360  | 18.202   | 2.252 #   |
| 6)                          | B beta-BHC      | 6.149  | 6.680   | 292321   | 4126601  | 1.431    | 3.662 #   |
| 7)                          | B delta-BHC     | 6.411  | 6.949   | 1561005  | 8024551  | 3.774    | 3.286     |
| 8)                          | B Heptachlo...  | 7.082  | 7.925   | 1804662  | 47098726 | 4.207    | 20.918 #  |
| 9)                          | A Endosulfan I  | 7.485  | 8.322   | 1651829  | 8515125  | 4.028    | 4.325     |
| 10)                         | B gamma-Chl...  | 7.344f | 8.170f  | 23867014 | 125.9E6  | 54.418   | 56.459    |
| 11)                         | B alpha-Chl...  | 7.421  | 8.279   | 6795095  | 9022553  | 15.381   | 4.191 #   |
| 12)                         | B 4,4'-DDE      | 7.643  | 8.458   | 1270518  | 68340286 | 3.483    | 34.313 #  |
| 13)                         | MA Dieldrin     | 7.781  | 8.615   | 32212637 | 11197270 | 74.988   | 5.584 #   |
| 14)                         | MA Endrin       | 8.079  | 8.850   | 2294930  | 154.8E6  | 5.649    | 91.388 #  |
| 15)                         | B Endosulfa...  | 8.367  | 9.070   | 22288864 | 7487190  | 54.078   | 4.310 #   |
| 16)                         | A 4,4'-DDD      | 8.229  | 9.001   | 606624   | 156.6E6  | 1.879    | 101.811 # |
| 17)                         | MA 4,4'-DDT     | 8.485  | 9.313   | 49890364 | 36742957 | 134.970  | 20.727 #  |
| 18)                         | B Endrin al...  | 8.548f | 9.216   | 5400478  | 16113032 | 16.691   | 12.475 #  |
| 19)                         | B Endosulfa...  | 8.795  | 9.427f  | -190273  | 5733095  | N.D.     | 3.445     |
| 20)                         | A Methoxychlor  | 9.058f | 0.000   | 9516311  | 0        | 38.331   | N.D. #    |
| 21)                         | B Endrin ke...  | 9.315  | 9.954f  | 1010257  | 12535024 | 2.068    | 7.242 #   |
| 22)                         | Mirex           | 9.499  | 10.409  | 292140   | 14247821 | 0.626    | 10.344 #  |
| 24)                         | Chlordane-2     | 0.000  | 7.470f  | 0        | 5288360  | N.D.     | 63.995 #  |
| 25)                         | Chlordane-3     | 7.344f | 8.222f  | 23867014 | 40543326 | 551.686  | 119.844 # |
| 26)                         | Chlordane-4     | 7.421  | 8.279   | 6795095  | 9022553  | 146.407  | 22.748 #  |
| 27)                         | Chlordane-5     | 8.367  | 9.123f  | 22288864 | 53051569 | 1277.981 | 881.587 # |
| -----                       |                 |        |         |          |          |          |           |

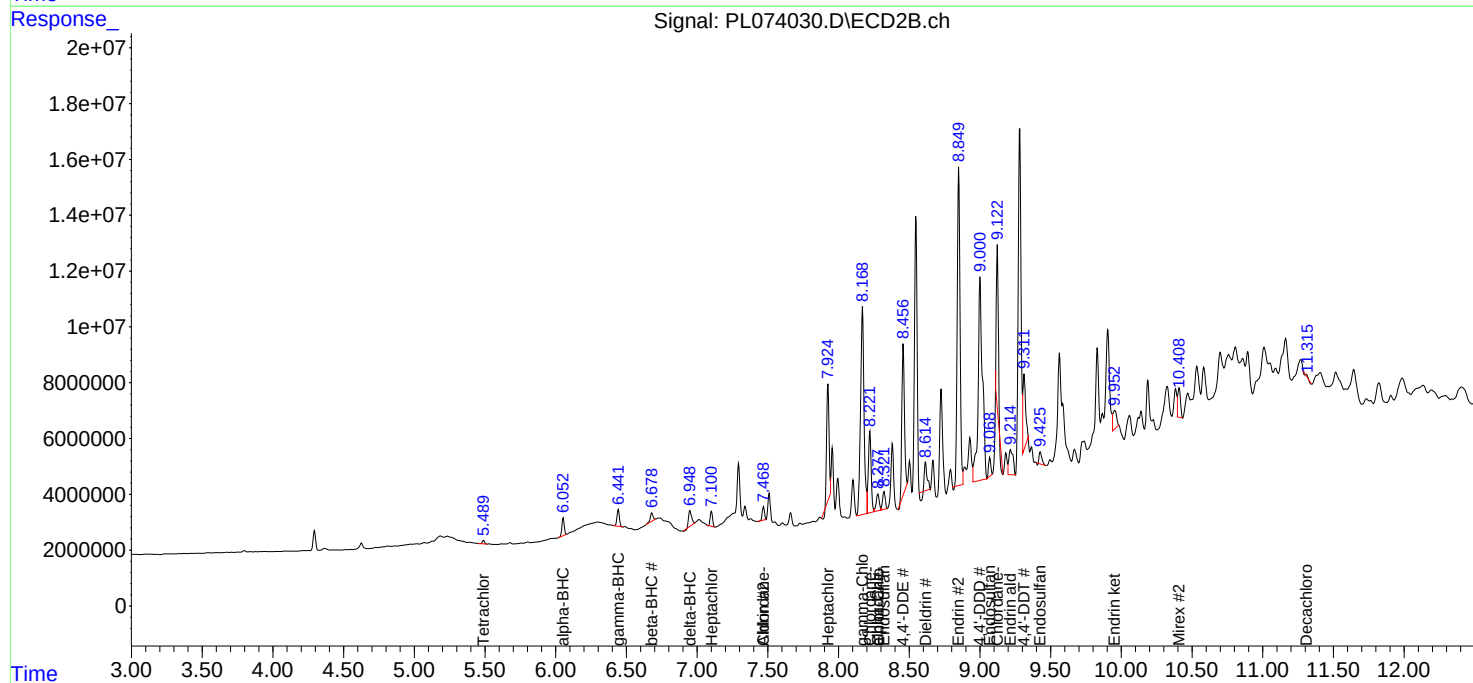
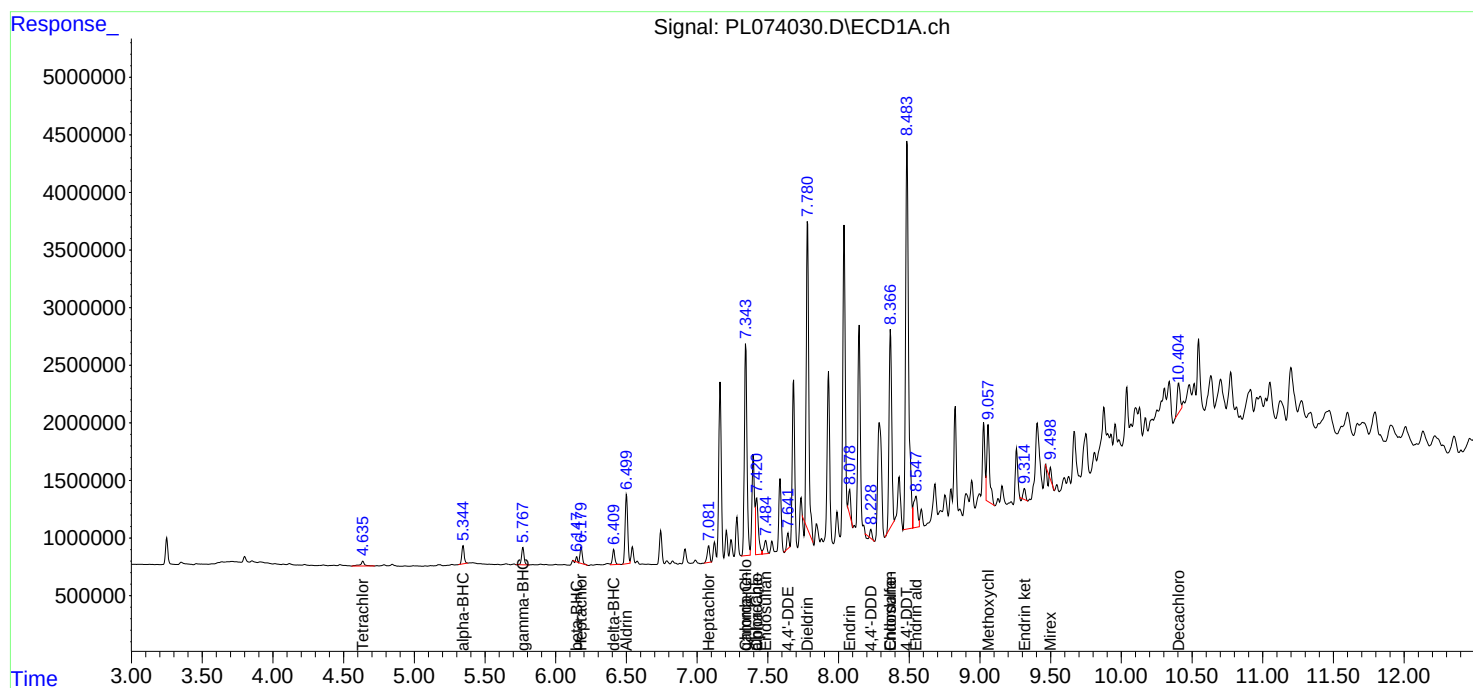
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

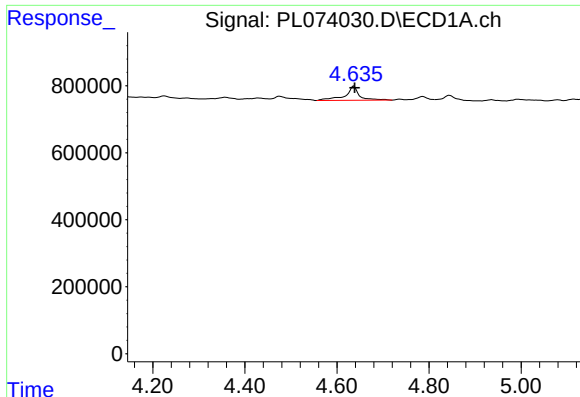
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041322\  
Data File : PL074030.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Apr 2022 22:45  
Operator : AR\AJ  
Sample : N2349-13MSD 10X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 14 00:44:47 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 08 15:48:40 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

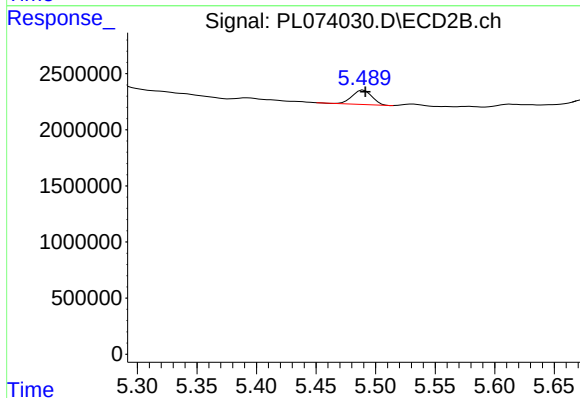




#1 Tetrachloro-m-xylene

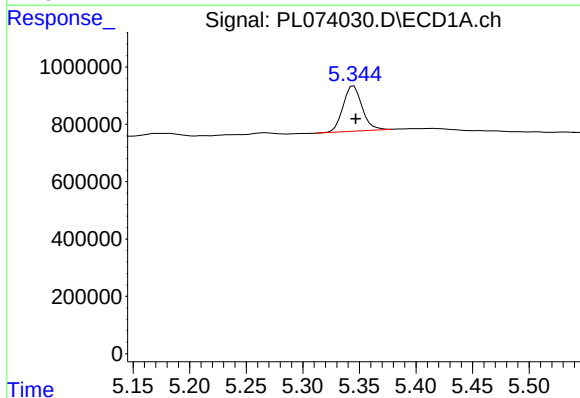
R.T.: 4.637 min  
Delta R.T.: -0.002 min  
Response: 900367  
Conc: 2.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



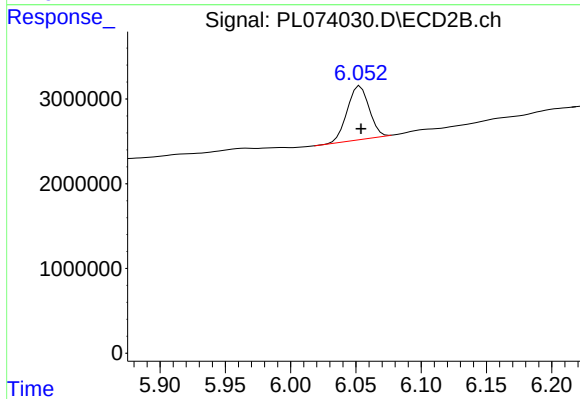
#1 Tetrachloro-m-xylene

R.T.: 5.490 min  
Delta R.T.: -0.002 min  
Response: 1472701  
Conc: 0.83 ng/ml



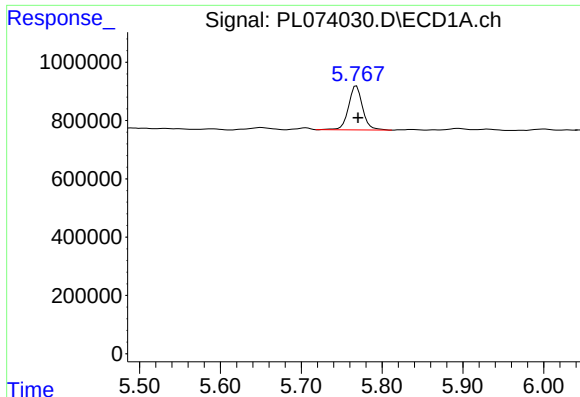
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 1842760  
Conc: 4.39 ng/ml



#2 alpha-BHC

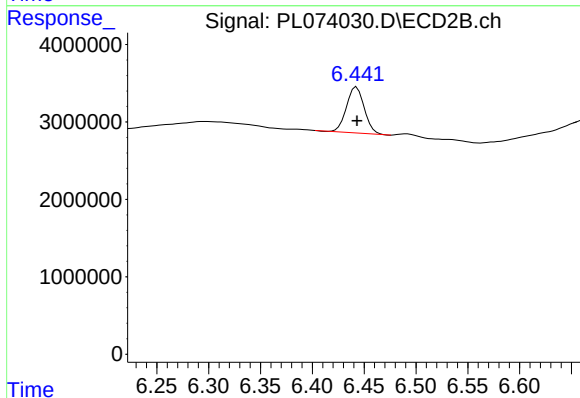
R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 7380894  
Conc: 2.93 ng/ml



#3 gamma-BHC (Lindane)

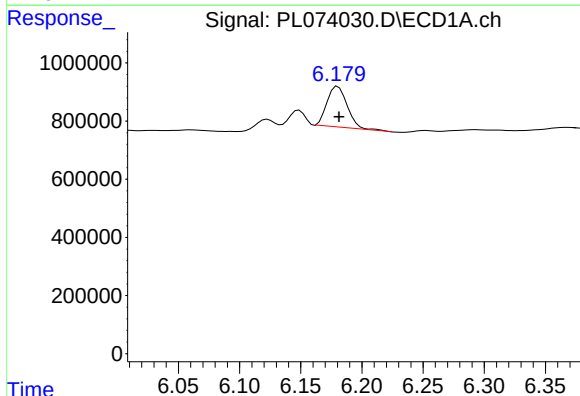
R.T.: 5.768 min  
Delta R.T.: -0.002 min  
Response: 1829233  
Conc: 4.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



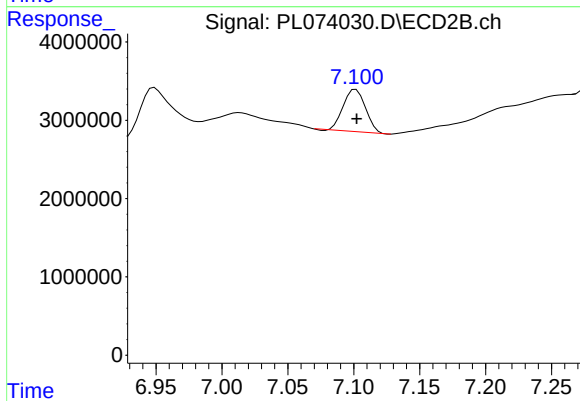
#3 gamma-BHC (Lindane)

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 7135309  
Conc: 3.01 ng/ml



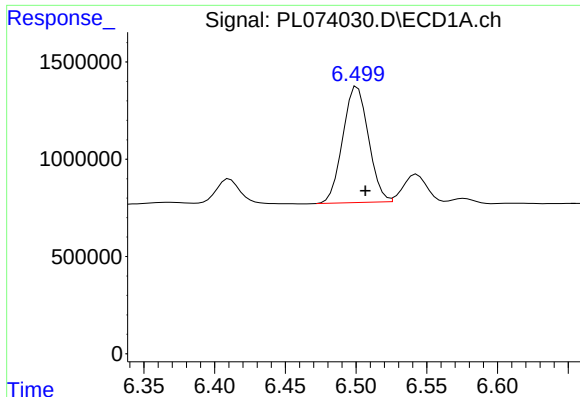
#4 Heptachlor

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 1588985  
Conc: 3.53 ng/ml



#4 Heptachlor

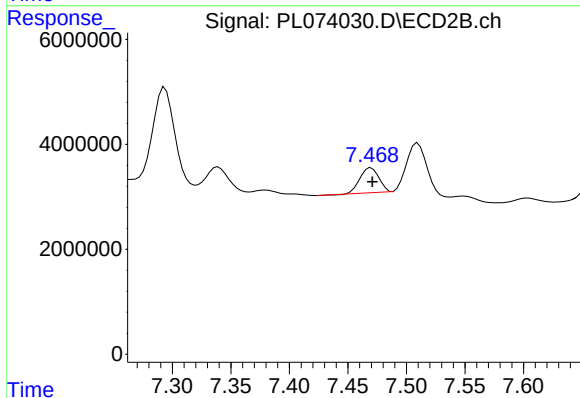
R.T.: 7.102 min  
Delta R.T.: 0.000 min  
Response: 6332432  
Conc: 2.43 ng/ml



#5 Aldrin

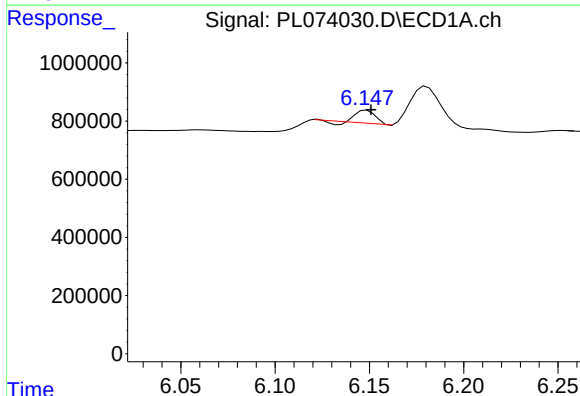
R.T.: 6.501 min  
Delta R.T.: -0.006 min  
Response: 7554870  
Conc: 18.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



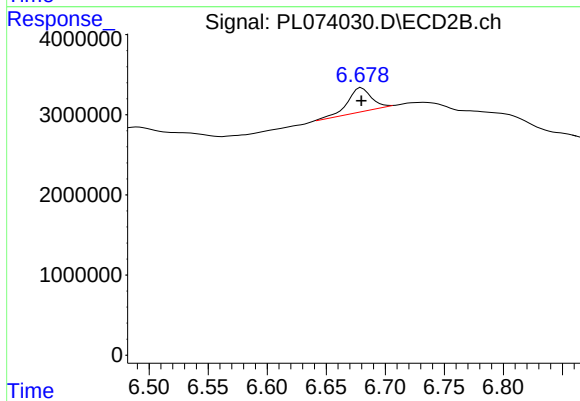
#5 Aldrin

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 5288360  
Conc: 2.25 ng/ml



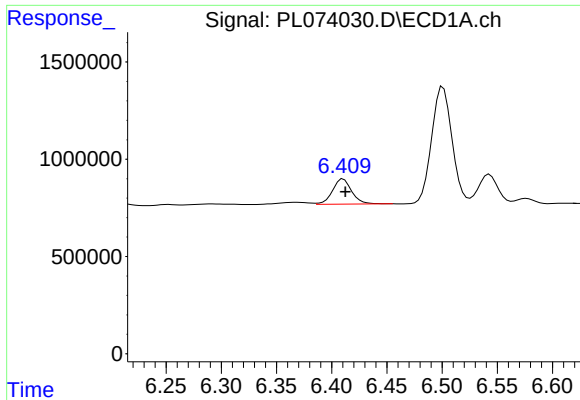
#6 beta-BHC

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 292321  
Conc: 1.43 ng/ml



#6 beta-BHC

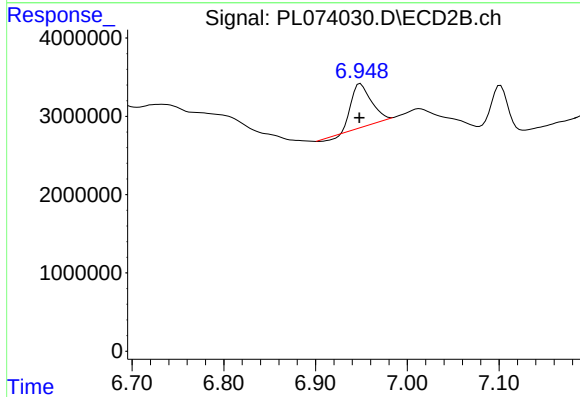
R.T.: 6.680 min  
Delta R.T.: 0.000 min  
Response: 4126601  
Conc: 3.66 ng/ml



#7 delta-BHC

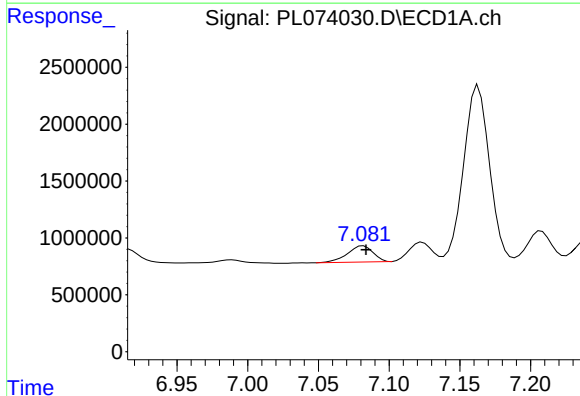
R.T.: 6.411 min  
Delta R.T.: -0.002 min  
Response: 1561005  
Conc: 3.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



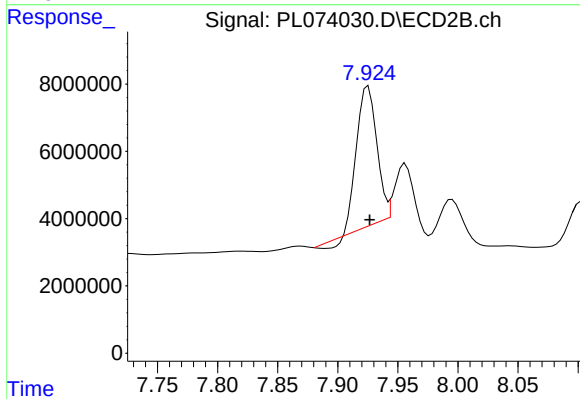
#7 delta-BHC

R.T.: 6.949 min  
Delta R.T.: 0.001 min  
Response: 8024551  
Conc: 3.29 ng/ml



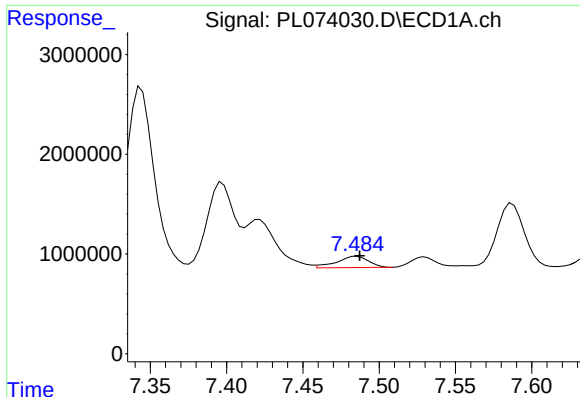
#8 Heptachlor epoxide

R.T.: 7.082 min  
Delta R.T.: -0.002 min  
Response: 1804662  
Conc: 4.21 ng/ml



#8 Heptachlor epoxide

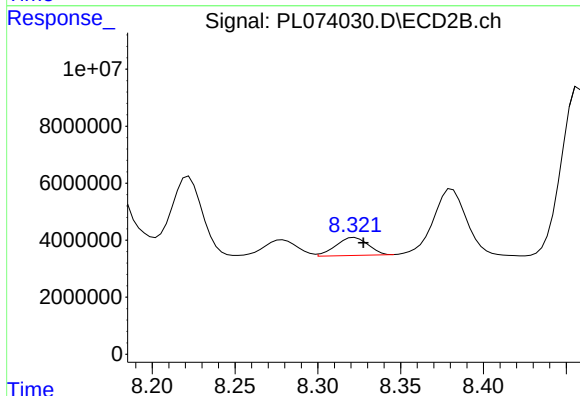
R.T.: 7.925 min  
Delta R.T.: -0.001 min  
Response: 47098726  
Conc: 20.92 ng/ml



#9 Endosulfan I

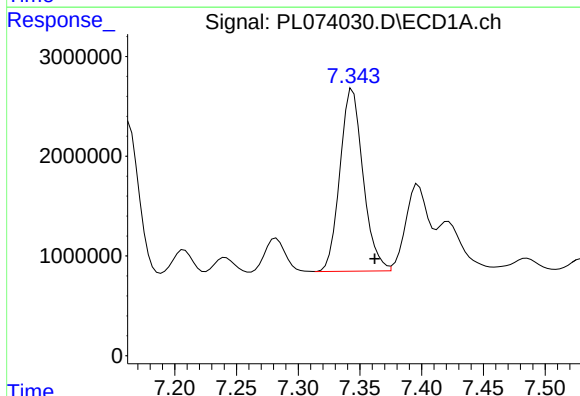
R.T.: 7.485 min  
Delta R.T.: -0.002 min  
Response: 1651829  
Conc: 4.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



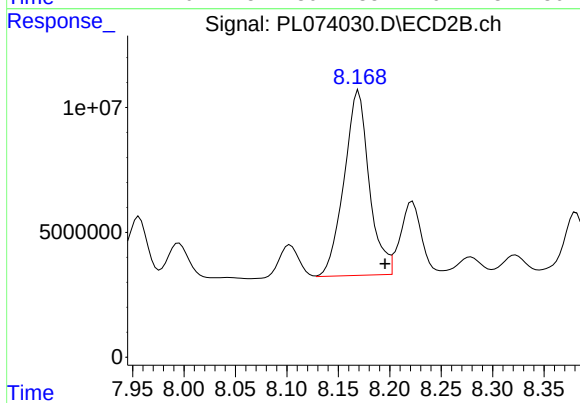
#9 Endosulfan I

R.T.: 8.322 min  
Delta R.T.: -0.005 min  
Response: 8515125  
Conc: 4.33 ng/ml



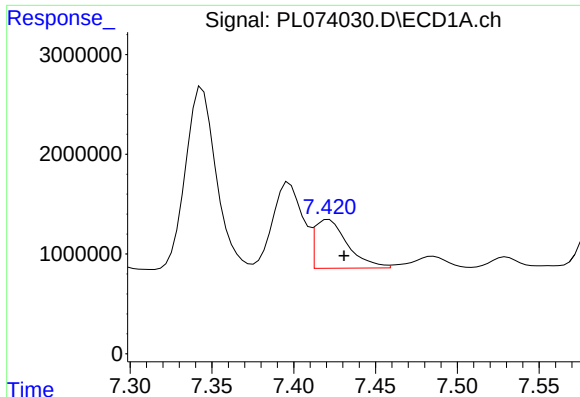
#10 gamma-Chlordane

R.T.: 7.344 min  
Delta R.T.: -0.018 min  
Response: 23867014  
Conc: 54.42 ng/ml



#10 gamma-Chlordane

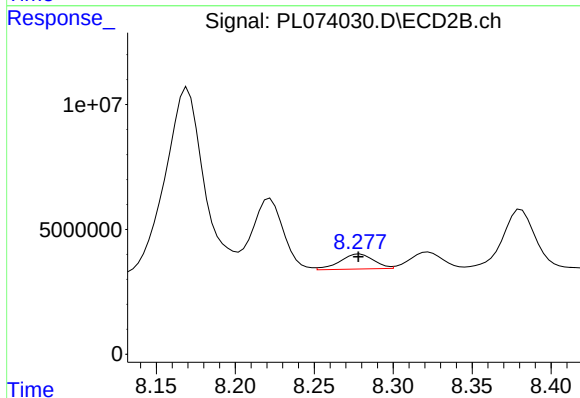
R.T.: 8.170 min  
Delta R.T.: -0.026 min  
Response: 125923192  
Conc: 56.46 ng/ml



#11 alpha-Chlordane

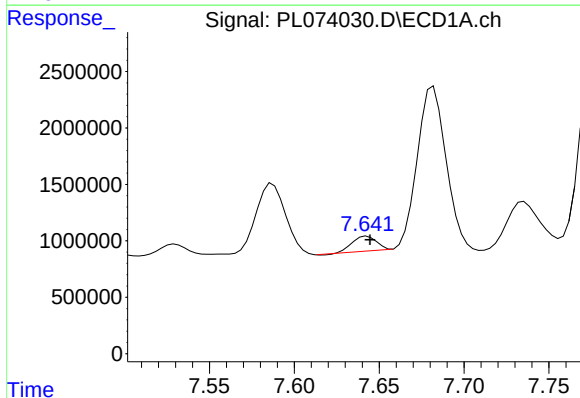
R.T.: 7.421 min  
Delta R.T.: -0.009 min  
Response: 6795095  
Conc: 15.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



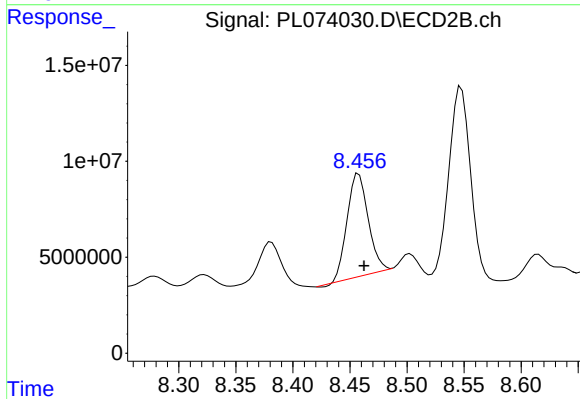
#11 alpha-Chlordane

R.T.: 8.279 min  
Delta R.T.: 0.000 min  
Response: 9022553  
Conc: 4.19 ng/ml



#12 4,4'-DDE

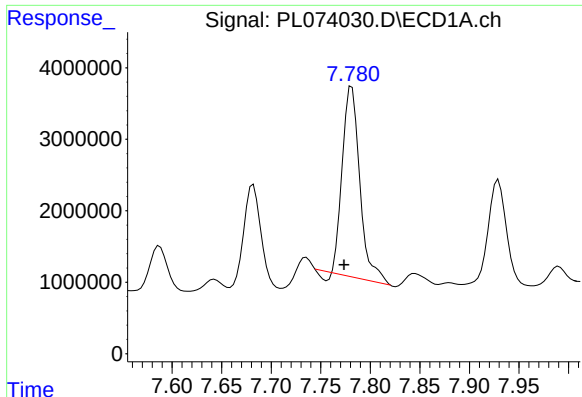
R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 1270518  
Conc: 3.48 ng/ml



#12 4,4'-DDE

R.T.: 8.458 min  
Delta R.T.: -0.005 min  
Response: 68340286  
Conc: 34.31 ng/ml

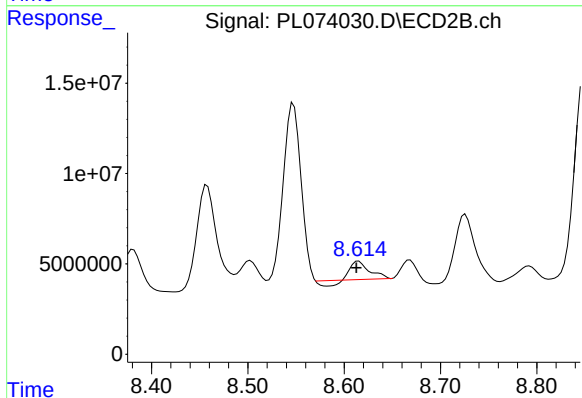




#13 Dieldrin

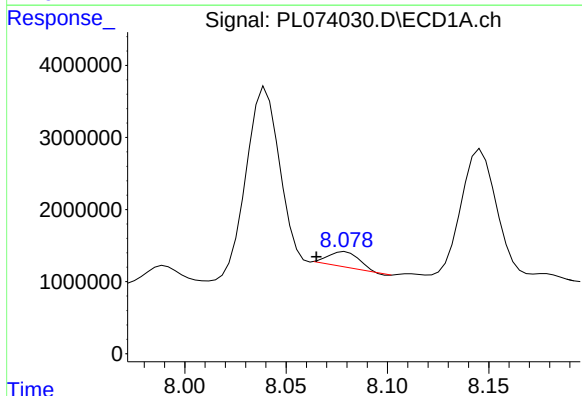
R.T.: 7.781 min  
Delta R.T.: 0.008 min  
Response: 32212637  
Conc: 74.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



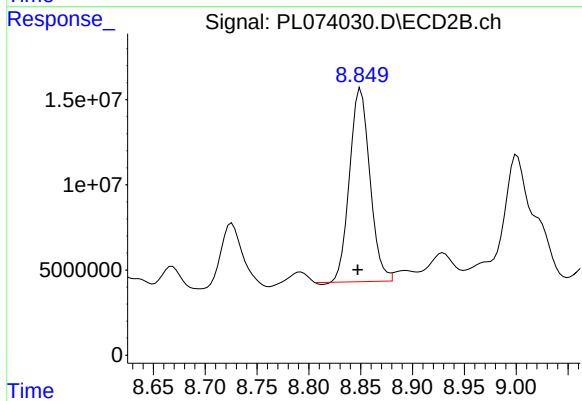
#13 Dieldrin

R.T.: 8.615 min  
Delta R.T.: 0.002 min  
Response: 11197270  
Conc: 5.58 ng/ml



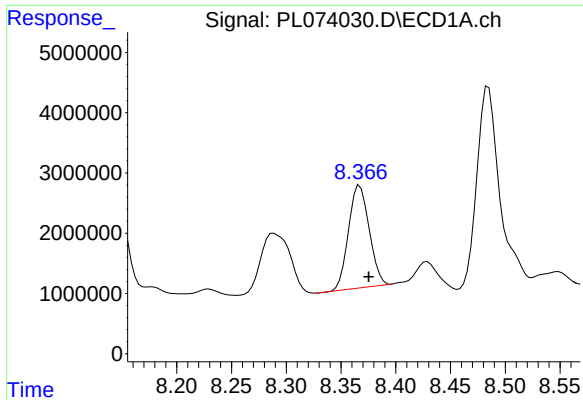
#14 Endrin

R.T.: 8.079 min  
Delta R.T.: 0.014 min  
Response: 2294930  
Conc: 5.65 ng/ml



#14 Endrin

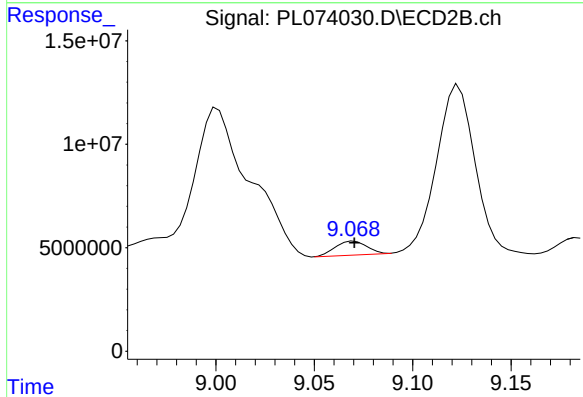
R.T.: 8.850 min  
Delta R.T.: 0.003 min  
Response: 154780351  
Conc: 91.39 ng/ml



#15 Endosulfan II

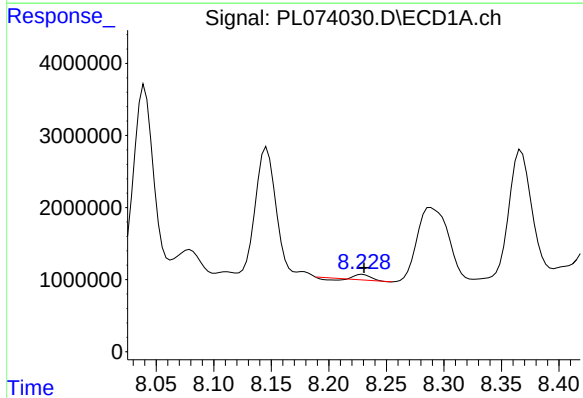
R.T.: 8.367 min  
Delta R.T.: -0.008 min  
Response: 22288864  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



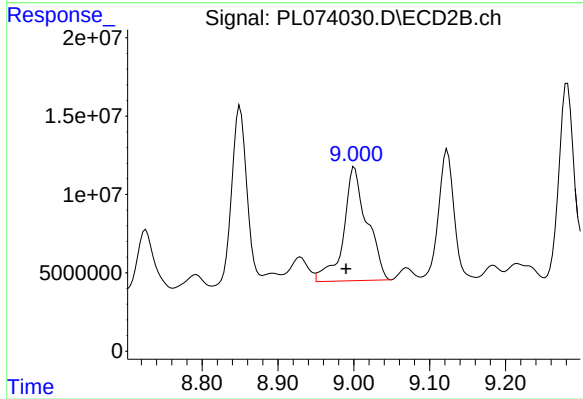
#15 Endosulfan II

R.T.: 9.070 min  
Delta R.T.: 0.000 min  
Response: 7487190  
Conc: 4.31 ng/ml



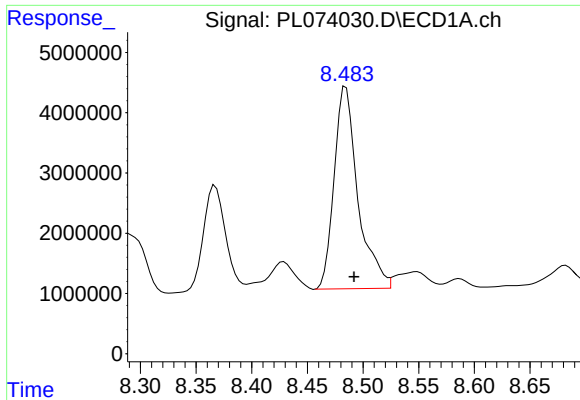
#16 4,4'-DDD

R.T.: 8.229 min  
Delta R.T.: -0.001 min  
Response: 606624  
Conc: 1.88 ng/ml



#16 4,4'-DDD

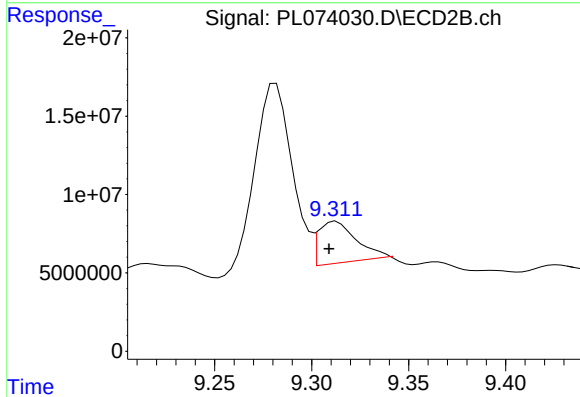
R.T.: 9.001 min  
Delta R.T.: 0.011 min  
Response: 156645706  
Conc: 101.81 ng/ml



#17 4,4'-DDT

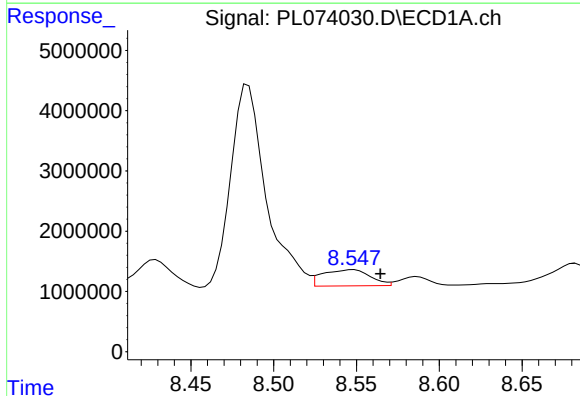
R.T.: 8.485 min  
Delta R.T.: -0.007 min  
Response: 49890364  
Conc: 134.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



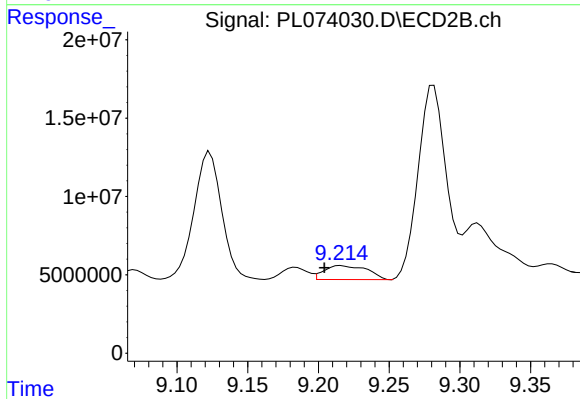
#17 4,4'-DDT

R.T.: 9.313 min  
Delta R.T.: 0.004 min  
Response: 36742957  
Conc: 20.73 ng/ml



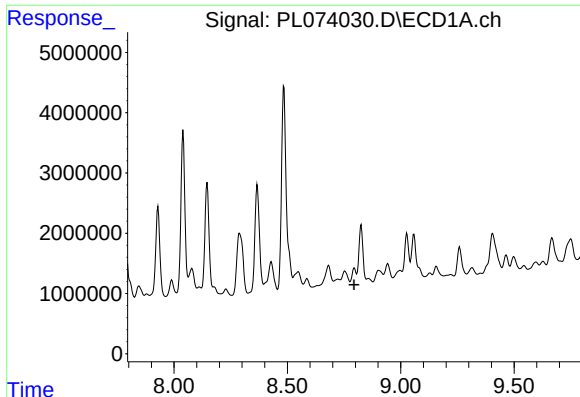
#18 Endrin aldehyde

R.T.: 8.548 min  
Delta R.T.: -0.016 min  
Response: 5400478  
Conc: 16.69 ng/ml



#18 Endrin aldehyde

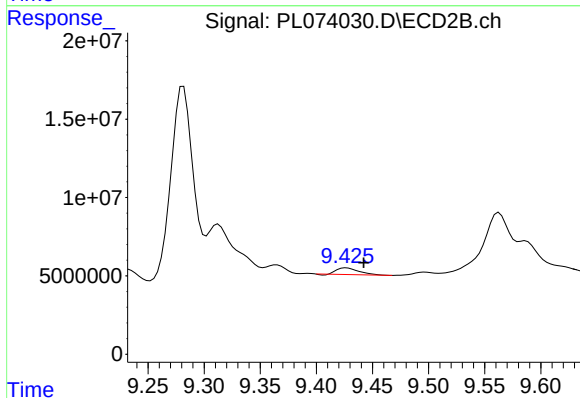
R.T.: 9.216 min  
Delta R.T.: 0.012 min  
Response: 16113032  
Conc: 12.48 ng/ml



#19 Endosulfan Sulfate

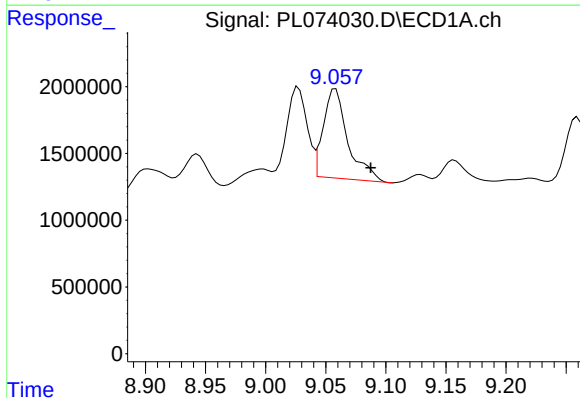
R.T.: 8.795 min  
Delta R.T.: 0.000 min  
Response: -190273  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



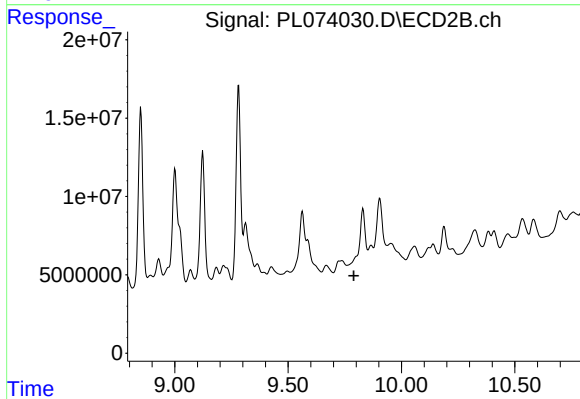
#19 Endosulfan Sulfate

R.T.: 9.427 min  
Delta R.T.: -0.016 min  
Response: 5733095  
Conc: 3.44 ng/ml



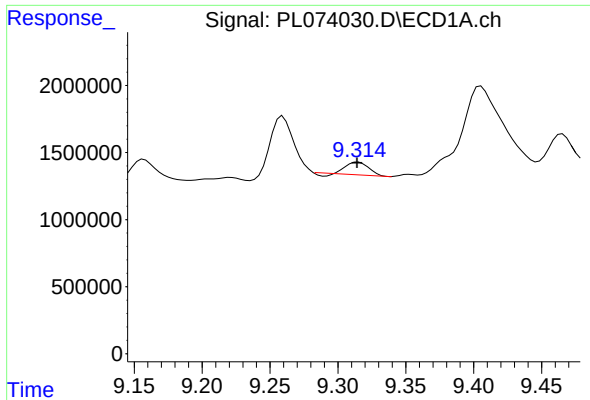
#20 Methoxychlor

R.T.: 9.058 min  
Delta R.T.: -0.029 min  
Response: 9516311  
Conc: 38.33 ng/ml



#20 Methoxychlor

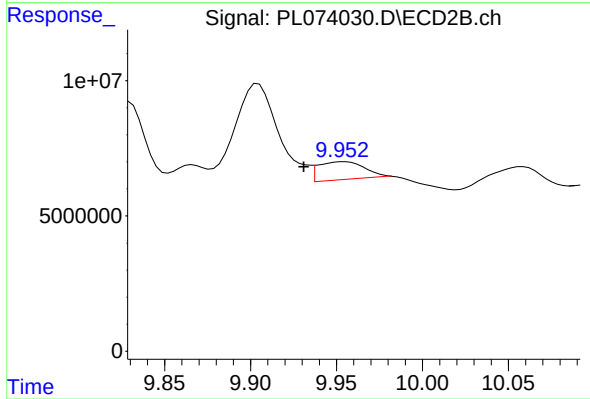
R.T.: 0.000 min  
Exp R.T.: 9.789 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

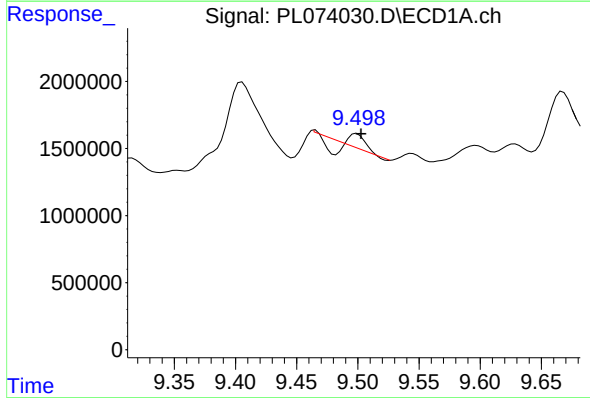
R.T.: 9.315 min  
Delta R.T.: 0.000 min  
Response: 1010257  
Conc: 2.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



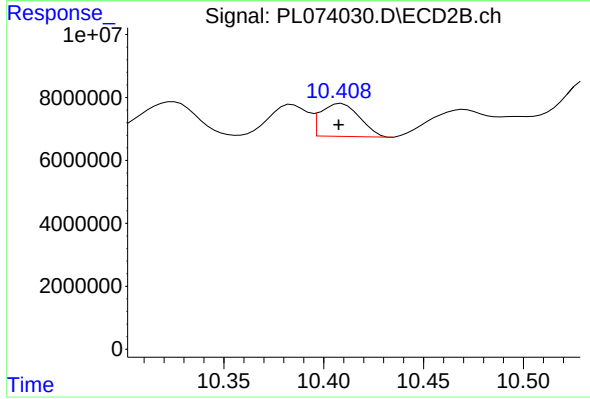
#21 Endrin ketone

R.T.: 9.954 min  
Delta R.T.: 0.024 min  
Response: 12535024  
Conc: 7.24 ng/ml



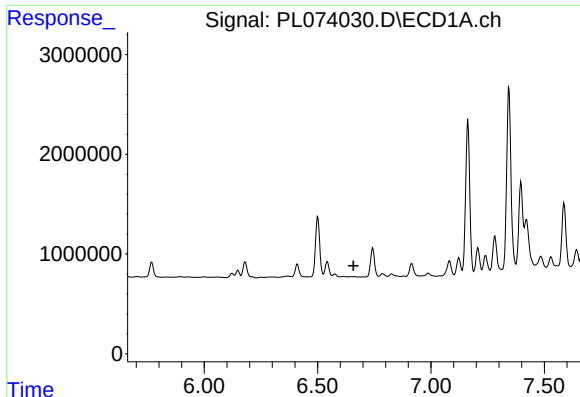
#22 Mirex

R.T.: 9.499 min  
Delta R.T.: -0.003 min  
Response: 292140  
Conc: 0.63 ng/ml



#22 Mirex

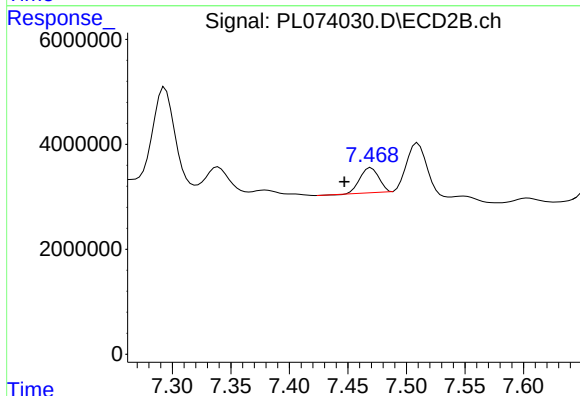
R.T.: 10.409 min  
Delta R.T.: 0.002 min  
Response: 14247821  
Conc: 10.34 ng/ml



#24 Chlordane-2

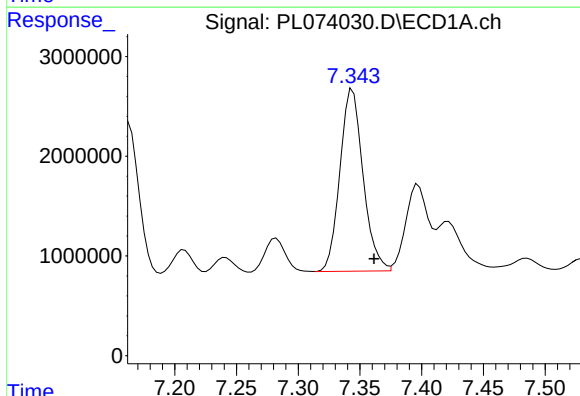
R.T.: 0.000 min  
Exp R.T.: 6.659 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



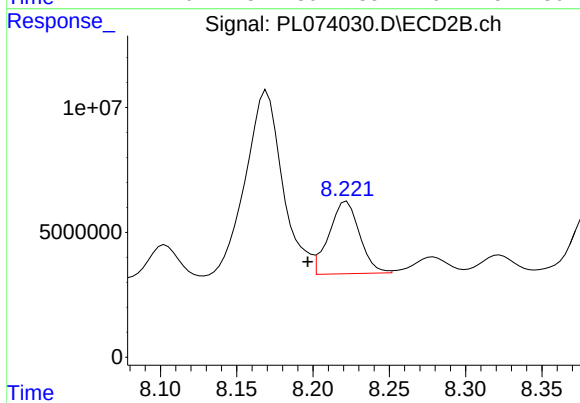
#24 Chlordane-2

R.T.: 7.470 min  
Delta R.T.: 0.023 min  
Response: 5288360  
Conc: 63.99 ng/ml



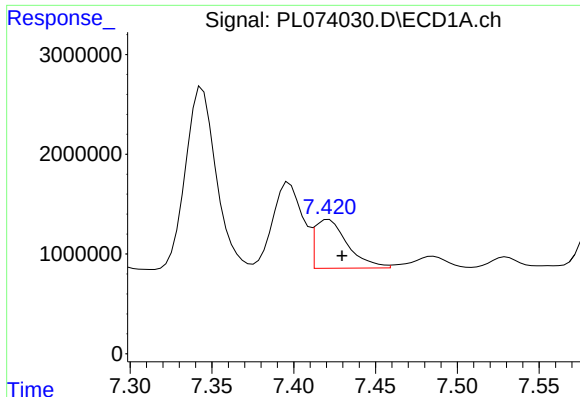
#25 Chlordane-3

R.T.: 7.344 min  
Delta R.T.: -0.017 min  
Response: 23867014  
Conc: 551.69 ng/ml



#25 Chlordane-3

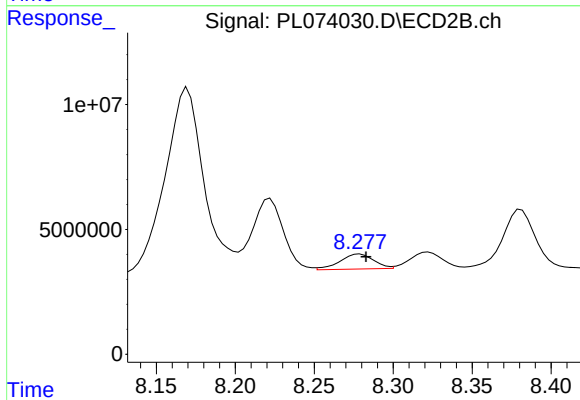
R.T.: 8.222 min  
Delta R.T.: 0.025 min  
Response: 40543326  
Conc: 119.84 ng/ml



#26 Chlordane-4

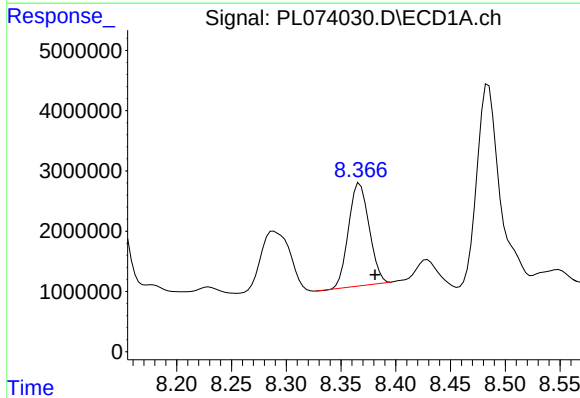
R.T.: 7.421 min  
Delta R.T.: -0.008 min  
Response: 6795095  
Conc: 146.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



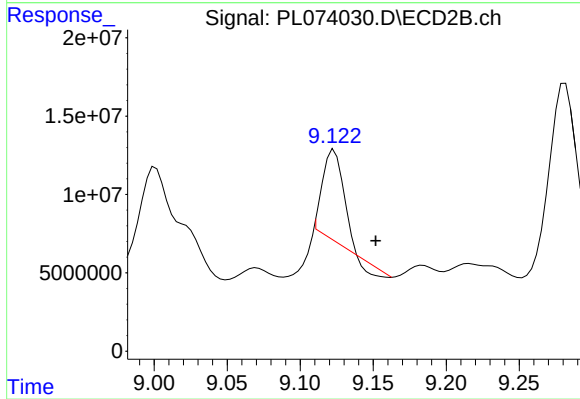
#26 Chlordane-4

R.T.: 8.279 min  
Delta R.T.: -0.004 min  
Response: 9022553  
Conc: 22.75 ng/ml



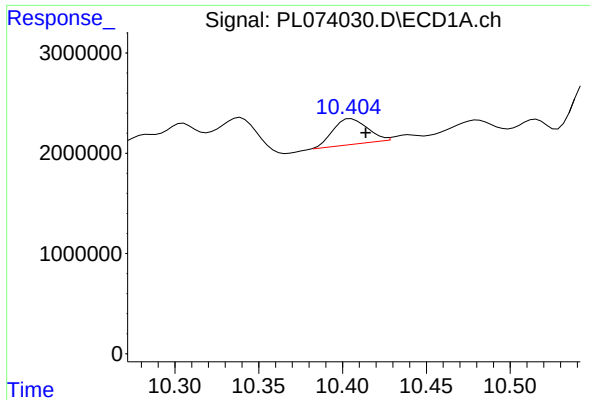
#27 Chlordane-5

R.T.: 8.367 min  
Delta R.T.: -0.014 min  
Response: 22288864  
Conc: 1277.98 ng/ml



#27 Chlordane-5

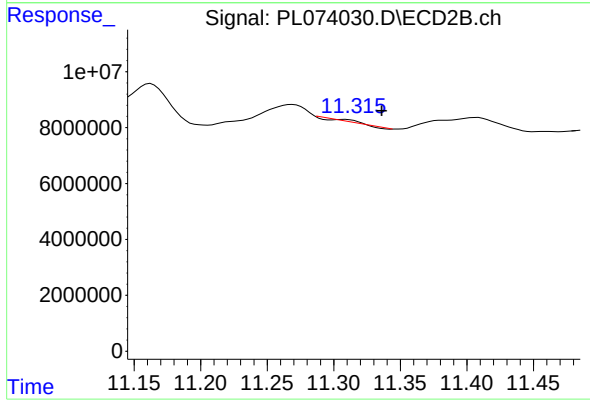
R.T.: 9.123 min  
Delta R.T.: -0.028 min  
Response: 53051569  
Conc: 881.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.405 min  
Delta R.T.: -0.009 min  
Response: 3648672  
Conc: 7.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.309 min  
Delta R.T.: -0.027 min  
Response: 117221  
Conc: 0.07 ng/ml