

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033122\  
 Data File : PL073754.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2022 11:01  
 Operator : AR\AJ  
 Sample : N2123-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 01:43:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 04:12:46 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... | 4.652  | 5.488  | 4143672 | 20045536 | 12.937 | 12.214   |
| 28)                         | SA Decachlor... | 10.423 | 11.336 | 3682570 | 11943402 | 7.242  | 6.679    |
| Target Compounds            |                 |        |        |         |          |        |          |
| 2)                          | A alpha-BHC     | 5.351  | 6.025f | 239317  | 186050   | 0.581  | 0.083 #  |
| 3)                          | MA gamma-BHC... | 5.778  | 6.448  | 134151  | -37162   | 0.322  | N.D. #   |
| 4)                          | MA Heptachlor   | 6.206f | 7.078f | 92727   | 173362   | 0.206  | 0.074 #  |
| 5)                          | MB Aldrin       | 6.515  | 7.494f | 296191  | 45315    | 0.717  | 0.022 #  |
| 6)                          | B beta-BHC      | 6.134f | 6.688  | 402958  | 409851   | 1.957  | 0.393 #  |
| 7)                          | B delta-BHC     | 6.411  | 6.957  | 758587  | 9876890  | 1.889  | 4.586 #  |
| 9)                          | A Endosulfan I  | 7.505  | 8.298f | 217210  | 1474579  | 0.529  | 0.808 #  |
| 10)                         | B gamma-Chl...  | 7.370  | 8.196  | 1325310 | 2671788  | 3.031  | 1.308 #  |
| 11)                         | B alpha-Chl...  | 7.442  | 8.267  | 104736  | 4143638  | 0.237  | 2.072 #  |
| 12)                         | B 4,4'-DDE      | 7.648  | 0.000  | 1170754 | 0        | 3.263  | N.D. #   |
| 13)                         | MA Dieldrin     | 7.794  | 8.596  | 532857  | 683730   | 1.279  | 0.371 #  |
| 14)                         | MA Endrin       | 8.069  | 0.000  | 46101   | 0        | 0.119  | N.D. #   |
| 15)                         | B Endosulfa...  | 8.379  | 9.061  | 393526  | 722531   | 1.007  | 0.470 #  |
| 16)                         | A 4,4'-DDD      | 8.226  | 8.973f | 104883  | 2235864  | 0.323  | 1.532 #  |
| 18)                         | B Endrin al...  | 8.547f | 0.000  | 148964  | 0        | 0.471  | N.D. #   |
| 20)                         | A Methoxychlor  | 9.099  | 0.000  | 212900  | 0        | 0.830  | N.D. #   |
| 21)                         | B Endrin ke...  | 9.291f | 9.901f | 699628  | 688160   | 1.430  | 0.417 #  |
| 22)                         | Mirex           | 9.515  | 0.000  | 58854   | 0        | 0.125  | N.D. #   |
| 23)                         | Chlordane-1     | 5.963  | 6.880f | 306236  | 3111277  | 25.832 | 45.544 # |
| 24)                         | Chlordane-2     | 6.639f | 7.418f | 95528   | 161704   | 5.856  | 2.250 #  |
| 25)                         | Chlordane-3     | 7.370  | 8.196  | 1325310 | 2671788  | 32.456 | 9.854 #  |
| 26)                         | Chlordane-4     | 7.442  | 8.267  | 104736  | 4143638  | 2.363  | 12.509 # |
| 27)                         | Chlordane-5     | 8.379  | 0.000  | 393526  | 0        | 24.032 | N.D. #   |
| -----                       |                 |        |        |         |          |        |          |

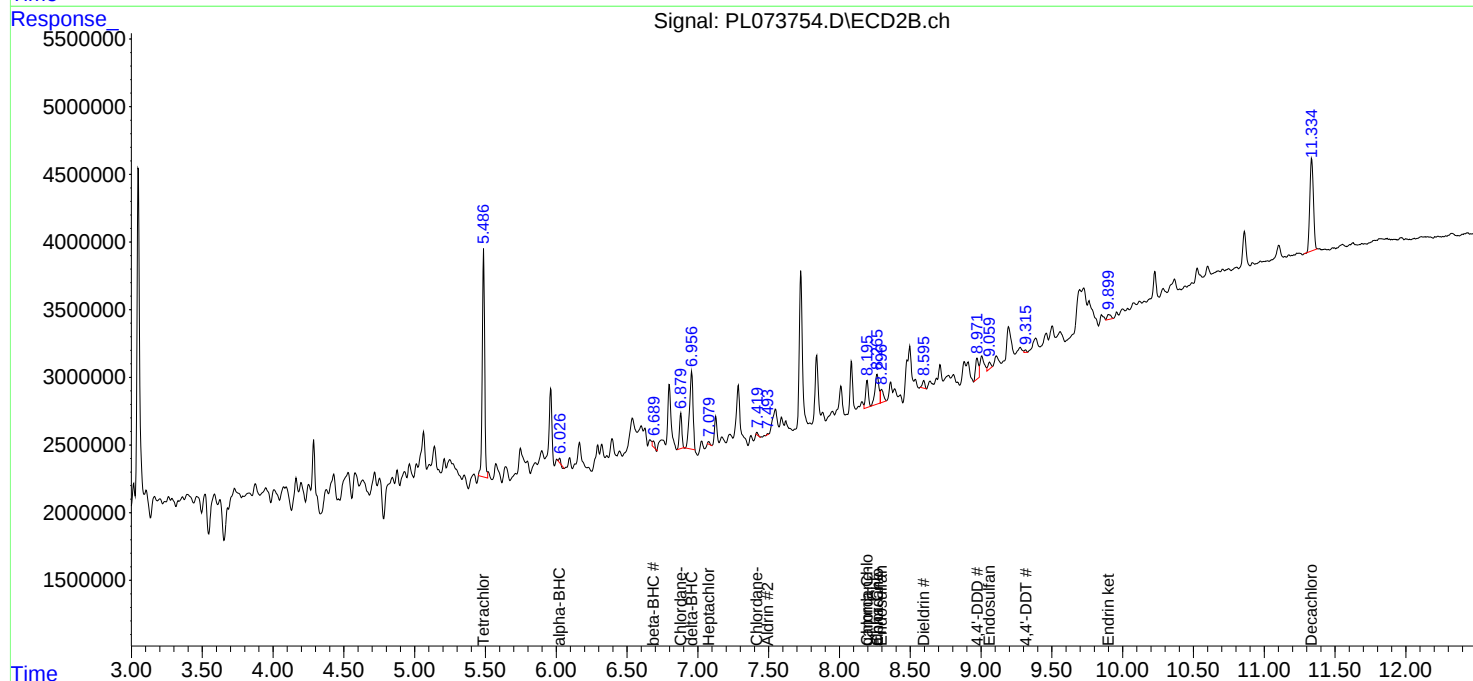
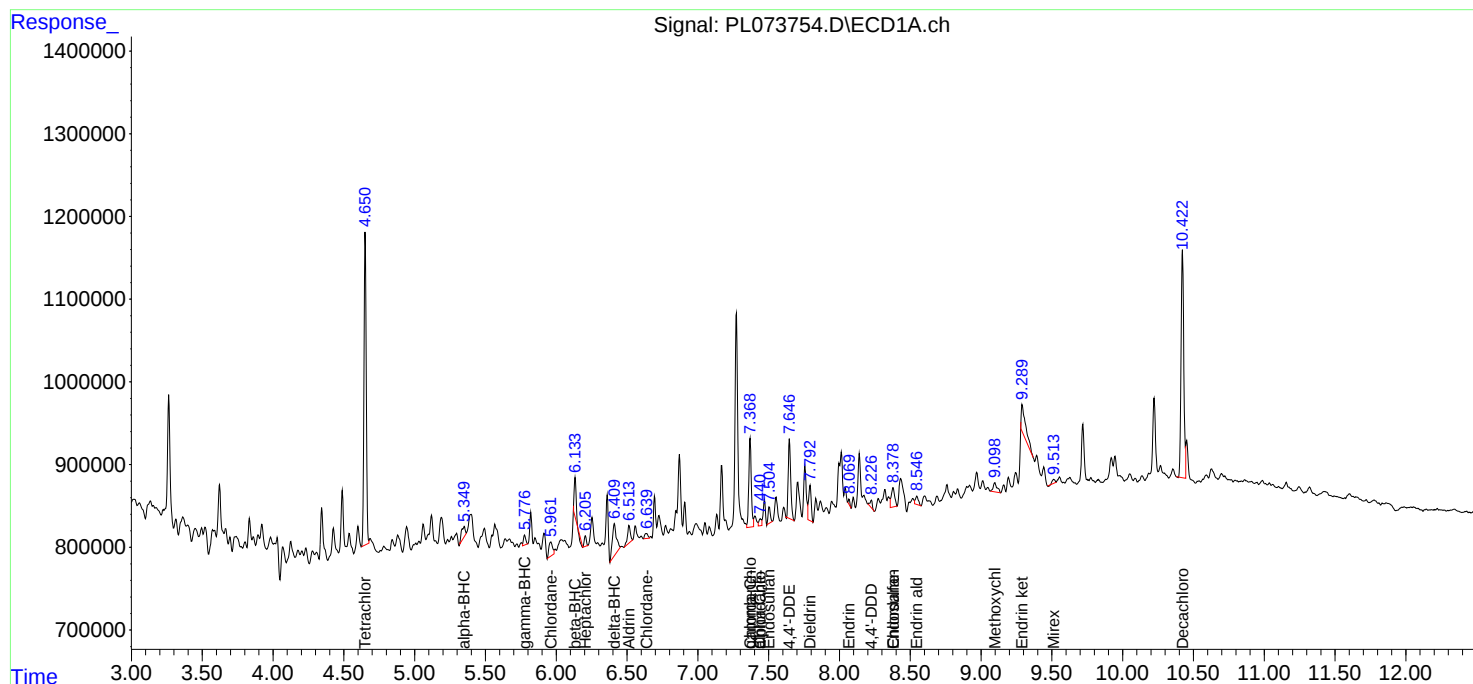
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

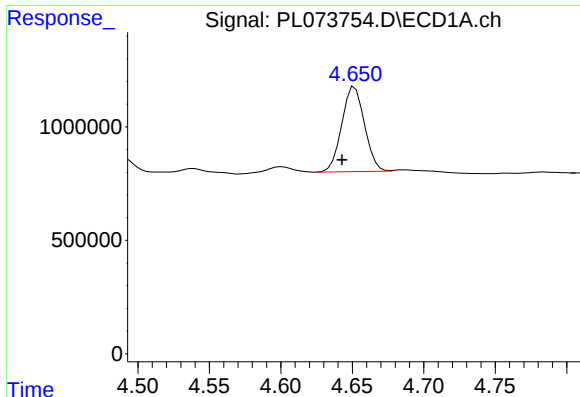
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033122\  
Data File : PL073754.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2022 11:01  
Operator : AR\AJ  
Sample : N2123-05  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 01:43:03 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 04:12:46 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

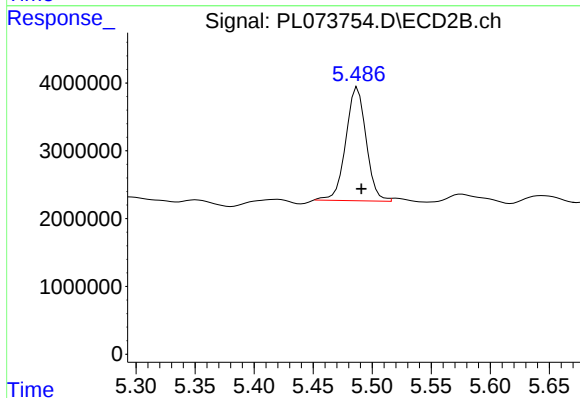




#1 Tetrachloro-m-xylene

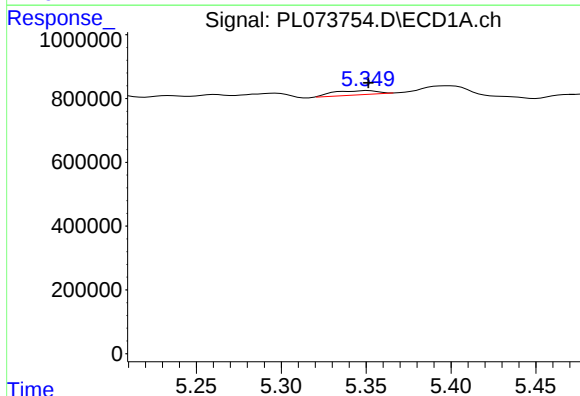
R.T.: 4.652 min  
Delta R.T.: 0.009 min  
Response: 4143672  
Conc: 12.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



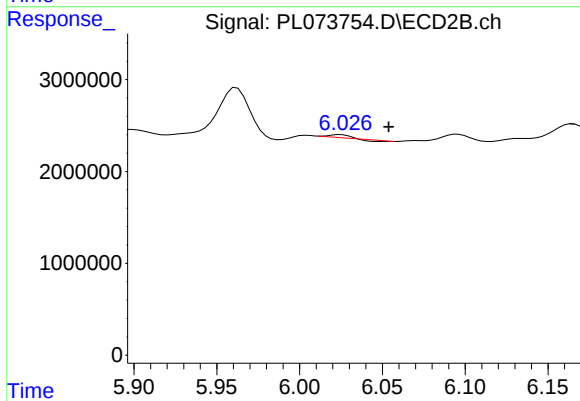
#1 Tetrachloro-m-xylene

R.T.: 5.488 min  
Delta R.T.: -0.003 min  
Response: 20045536  
Conc: 12.21 ng/ml



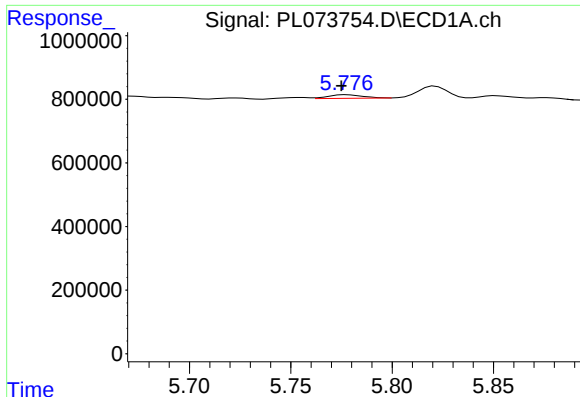
#2 alpha-BHC

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 239317  
Conc: 0.58 ng/ml



#2 alpha-BHC

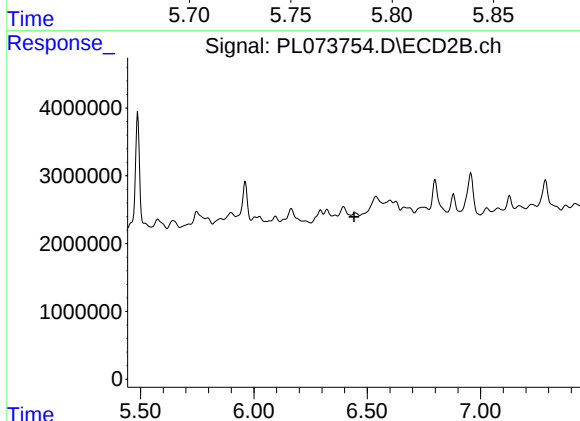
R.T.: 6.025 min  
Delta R.T.: -0.029 min  
Response: 186050  
Conc: 0.08 ng/ml



#3 gamma-BHC (Lindane)

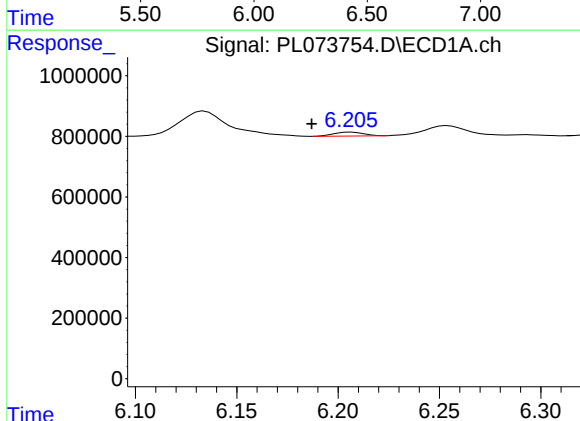
R.T.: 5.778 min  
Delta R.T.: 0.003 min  
Response: 134151  
Conc: 0.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



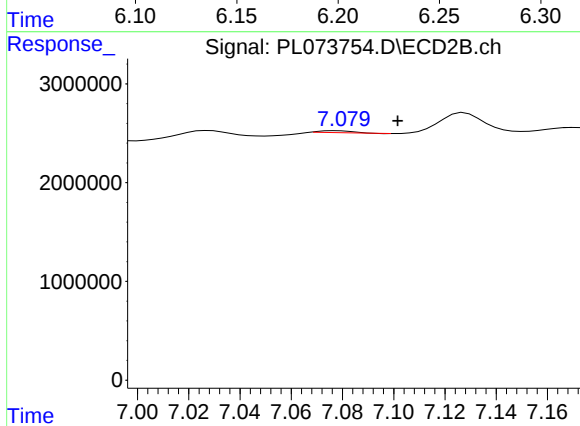
#3 gamma-BHC (Lindane)

R.T.: 6.448 min  
Delta R.T.: 0.006 min  
Response: -37162  
Conc: N.D.



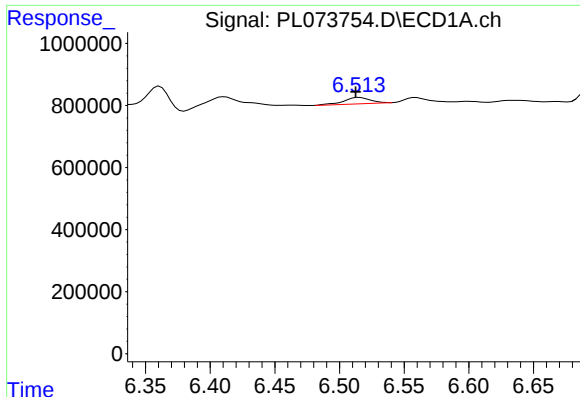
#4 Heptachlor

R.T.: 6.206 min  
Delta R.T.: 0.020 min  
Response: 92727  
Conc: 0.21 ng/ml



#4 Heptachlor

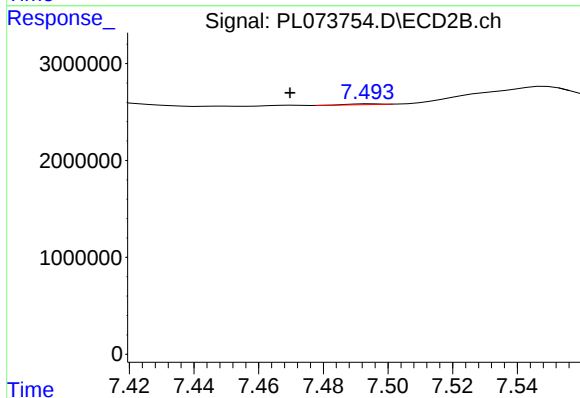
R.T.: 7.078 min  
Delta R.T.: -0.024 min  
Response: 173362  
Conc: 0.07 ng/ml



#5 Aldrin

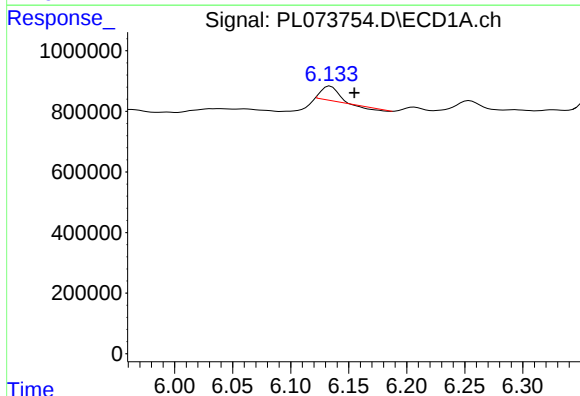
R.T.: 6.515 min  
Delta R.T.: 0.003 min  
Response: 296191  
Conc: 0.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



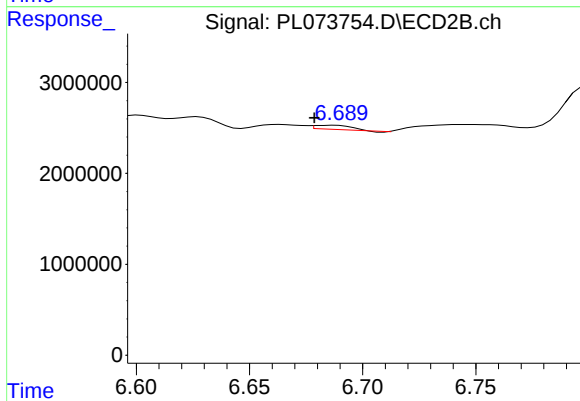
#5 Aldrin

R.T.: 7.494 min  
Delta R.T.: 0.025 min  
Response: 45315  
Conc: 0.02 ng/ml



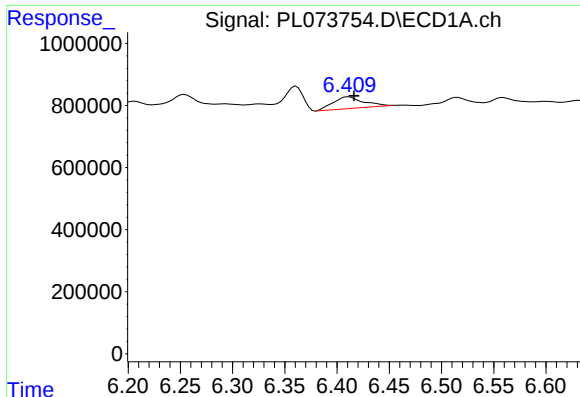
#6 beta-BHC

R.T.: 6.134 min  
Delta R.T.: -0.021 min  
Response: 402958  
Conc: 1.96 ng/ml



#6 beta-BHC

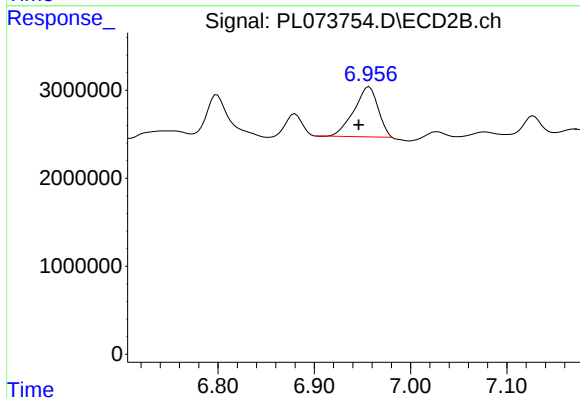
R.T.: 6.688 min  
Delta R.T.: 0.009 min  
Response: 409851  
Conc: 0.39 ng/ml



#7 delta-BHC

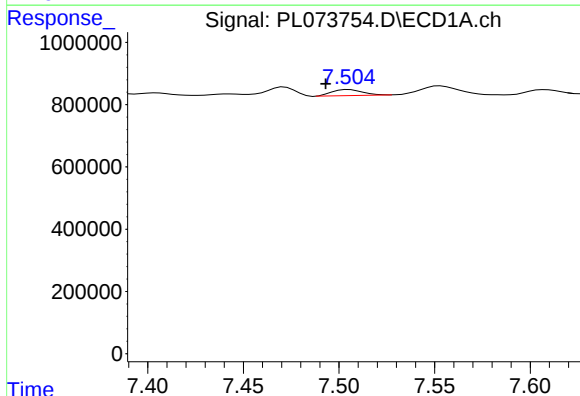
R.T.: 6.411 min  
Delta R.T.: -0.005 min  
Response: 758587  
Conc: 1.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



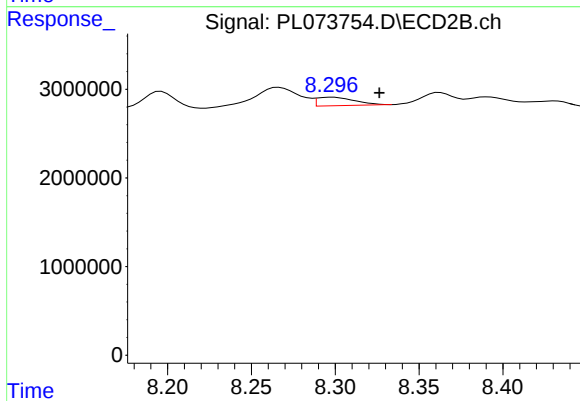
#7 delta-BHC

R.T.: 6.957 min  
Delta R.T.: 0.011 min  
Response: 9876890  
Conc: 4.59 ng/ml



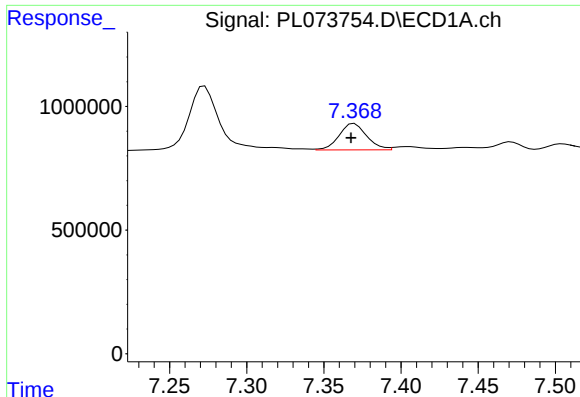
#9 Endosulfan I

R.T.: 7.505 min  
Delta R.T.: 0.012 min  
Response: 217210  
Conc: 0.53 ng/ml



#9 Endosulfan I

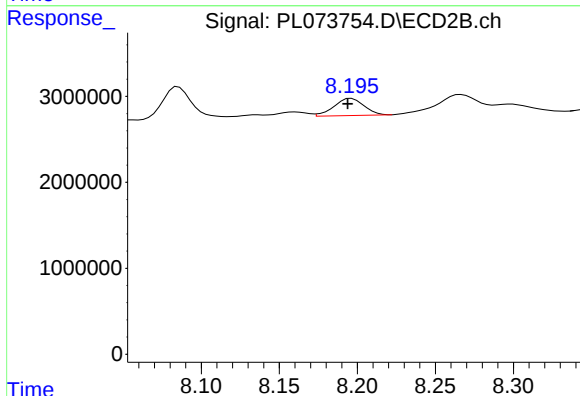
R.T.: 8.298 min  
Delta R.T.: -0.028 min  
Response: 1474579  
Conc: 0.81 ng/ml



#10 gamma-Chlordane

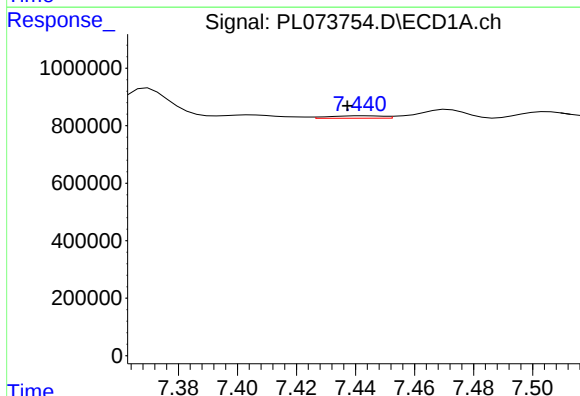
R.T.: 7.370 min  
Delta R.T.: 0.002 min  
Response: 1325310  
Conc: 3.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



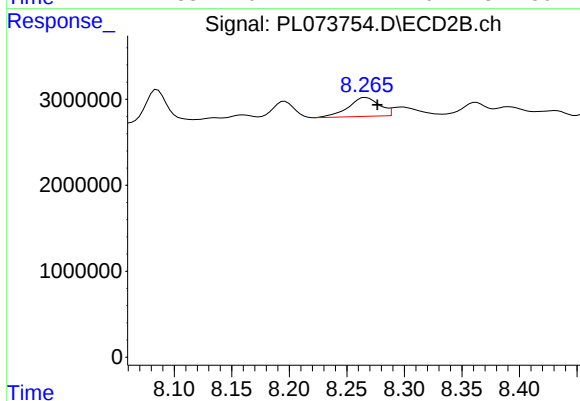
#10 gamma-Chlordane

R.T.: 8.196 min  
Delta R.T.: 0.002 min  
Response: 2671788  
Conc: 1.31 ng/ml



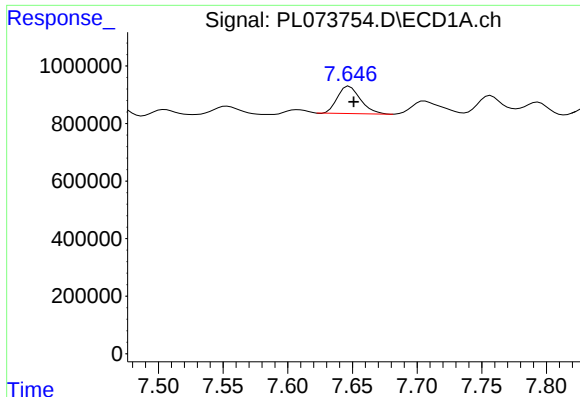
#11 alpha-Chlordane

R.T.: 7.442 min  
Delta R.T.: 0.005 min  
Response: 104736  
Conc: 0.24 ng/ml



#11 alpha-Chlordane

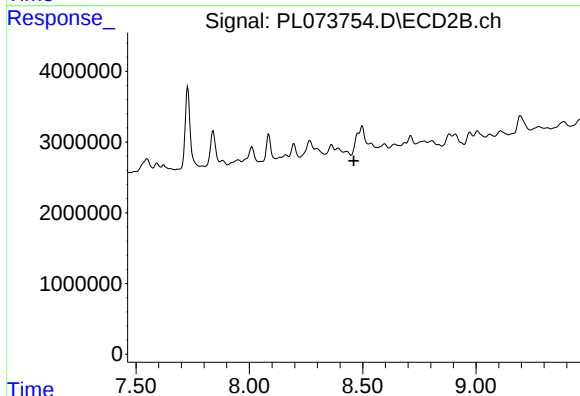
R.T.: 8.267 min  
Delta R.T.: -0.010 min  
Response: 4143638  
Conc: 2.07 ng/ml



#12 4,4'-DDE

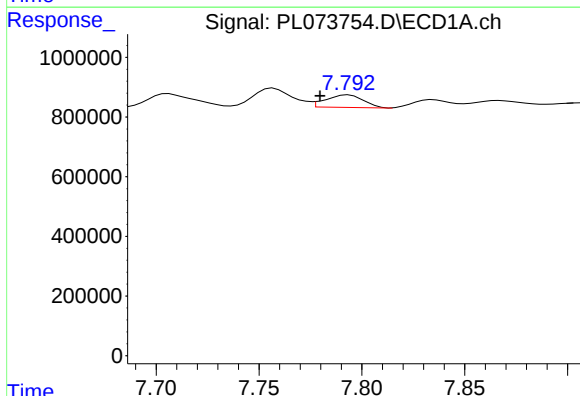
R.T.: 7.648 min  
Delta R.T.: -0.003 min  
Response: 1170754  
Conc: 3.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



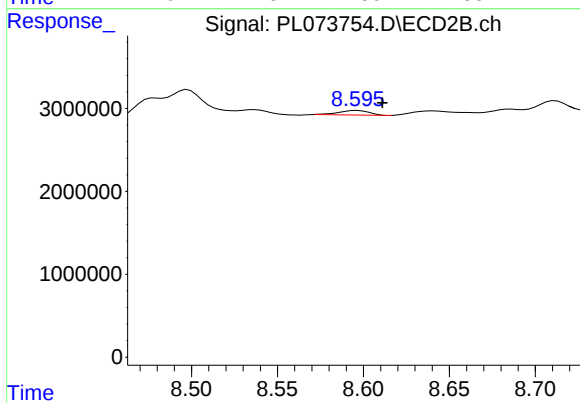
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 8.461 min  
Response: 0  
Conc: N.D.



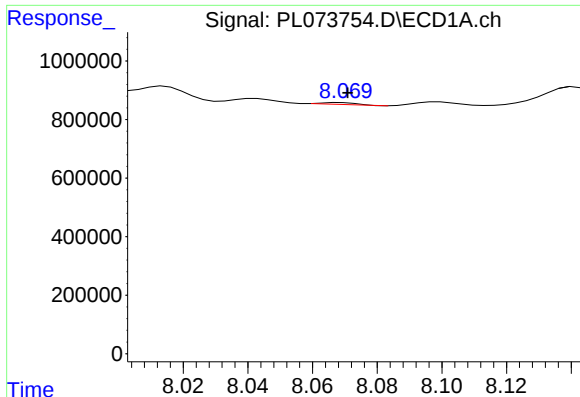
#13 Dieldrin

R.T.: 7.794 min  
Delta R.T.: 0.014 min  
Response: 532857  
Conc: 1.28 ng/ml



#13 Dieldrin

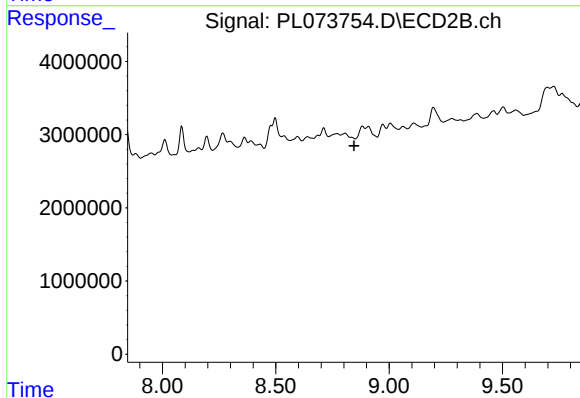
R.T.: 8.596 min  
Delta R.T.: -0.015 min  
Response: 683730  
Conc: 0.37 ng/ml



#14 Endrin

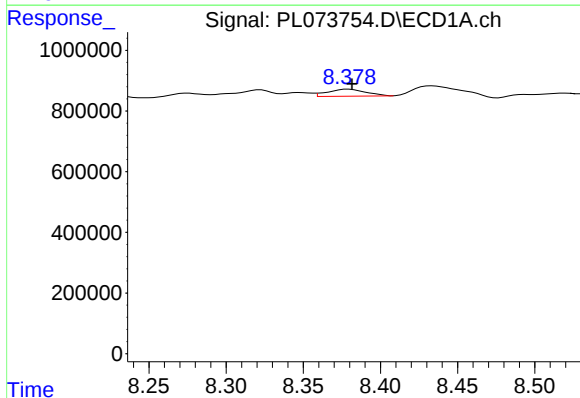
R.T.: 8.069 min  
Delta R.T.: -0.002 min  
Response: 46101  
Conc: 0.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



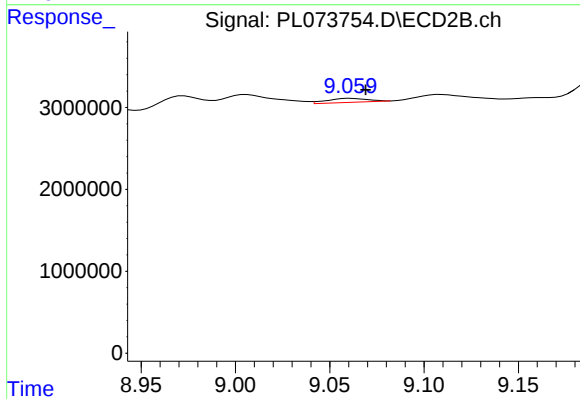
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 8.845 min  
Response: 0  
Conc: N.D.



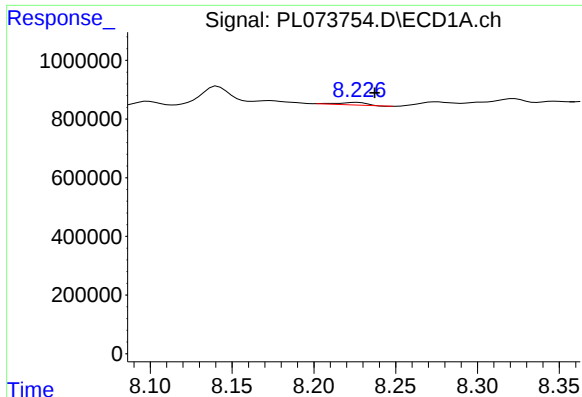
#15 Endosulfan II

R.T.: 8.379 min  
Delta R.T.: -0.002 min  
Response: 393526  
Conc: 1.01 ng/ml



#15 Endosulfan II

R.T.: 9.061 min  
Delta R.T.: -0.008 min  
Response: 722531  
Conc: 0.47 ng/ml



#16 4,4'-DDD

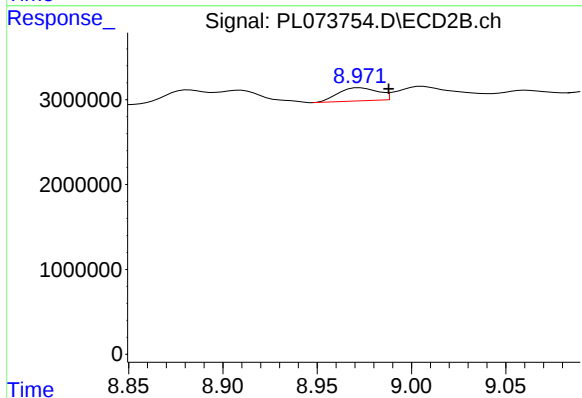
R.T.: 8.226 min  
Delta R.T.: -0.011 min  
Response: 104883  
Conc: 0.32 ng/ml

Instrument :

ECD\_P

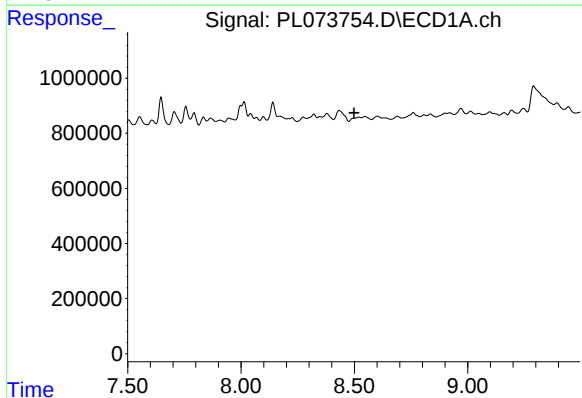
ClientSampleId :

DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



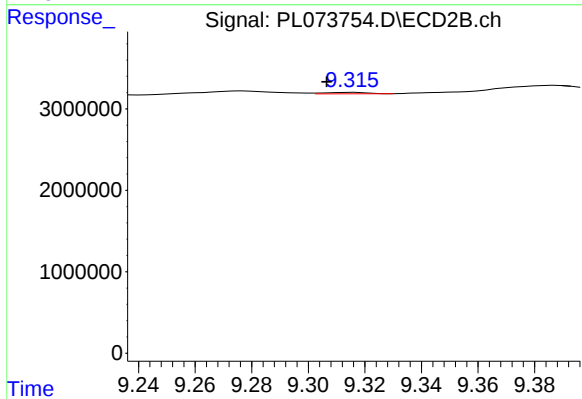
#16 4,4'-DDD

R.T.: 8.973 min  
Delta R.T.: -0.015 min  
Response: 2235864  
Conc: 1.53 ng/ml



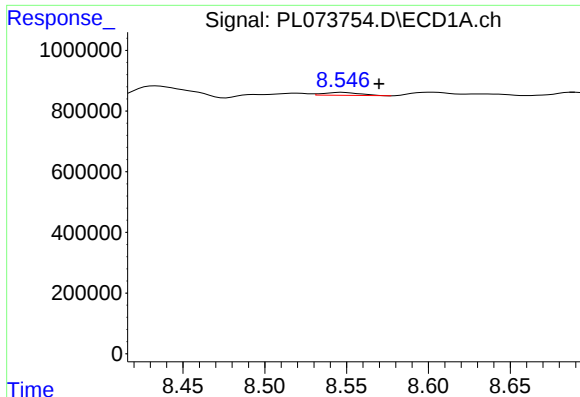
#17 4,4'-DDT

R.T.: 8.494 min  
Delta R.T.: -0.004 min  
Response: -115370  
Conc: N.D.



#17 4,4'-DDT

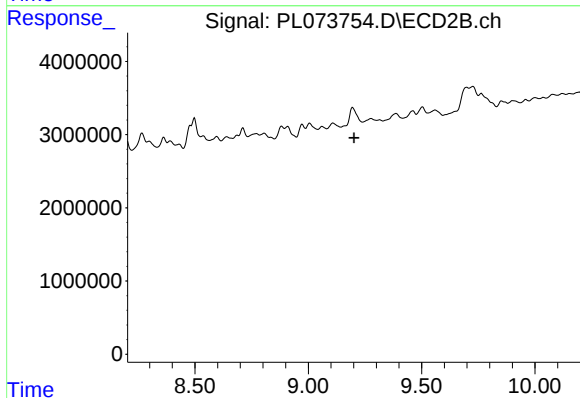
R.T.: 9.315 min  
Delta R.T.: 0.009 min  
Response: 189285  
Conc: 0.12 ng/ml



#18 Endrin aldehyde

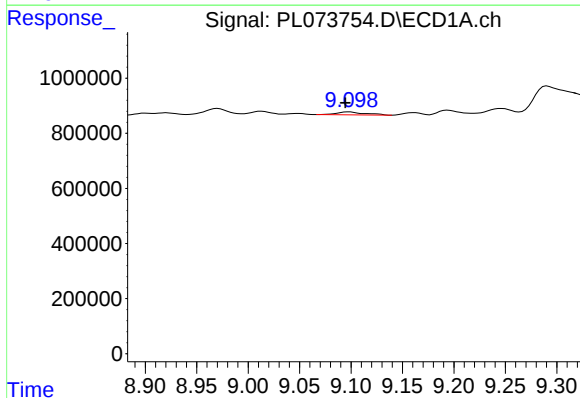
R.T.: 8.547 min  
Delta R.T.: -0.023 min  
Response: 148964  
Conc: 0.47 ng/ml

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ECD\_P  
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DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



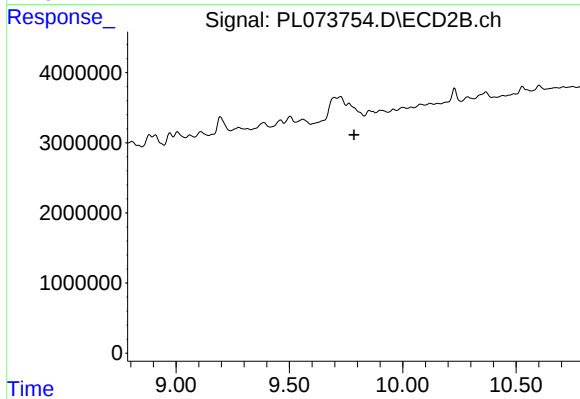
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 9.202 min  
Response: 0  
Conc: N.D.



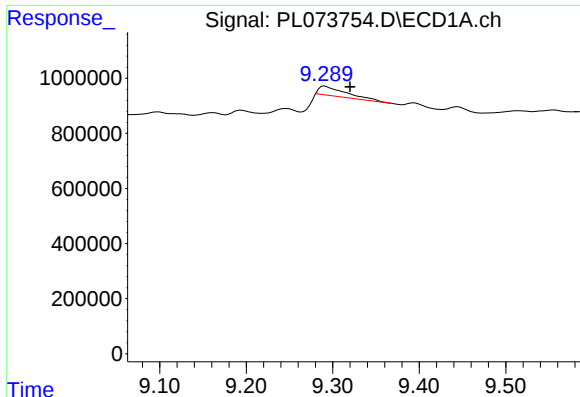
#20 Methoxychlor

R.T.: 9.099 min  
Delta R.T.: 0.004 min  
Response: 212900  
Conc: 0.83 ng/ml



#20 Methoxychlor

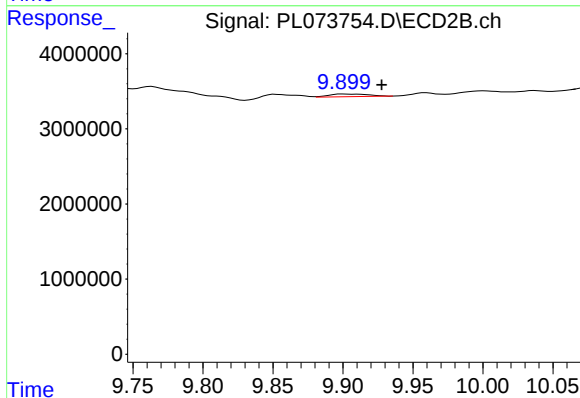
R.T.: 0.000 min  
Exp R.T. : 9.786 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

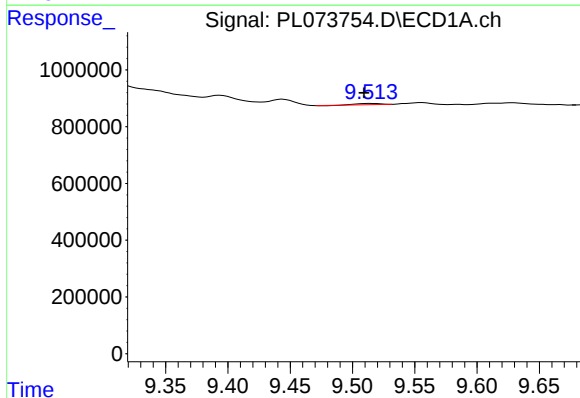
R.T.: 9.291 min  
Delta R.T.: -0.029 min  
Response: 699628  
Conc: 1.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



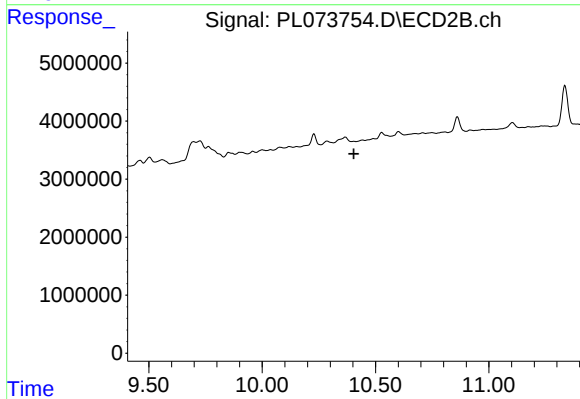
#21 Endrin ketone

R.T.: 9.901 min  
Delta R.T.: -0.026 min  
Response: 688160  
Conc: 0.42 ng/ml



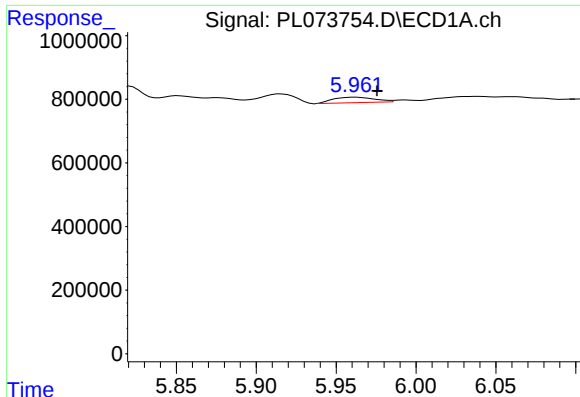
#22 Mirex

R.T.: 9.515 min  
Delta R.T.: 0.005 min  
Response: 58854  
Conc: 0.12 ng/ml



#22 Mirex

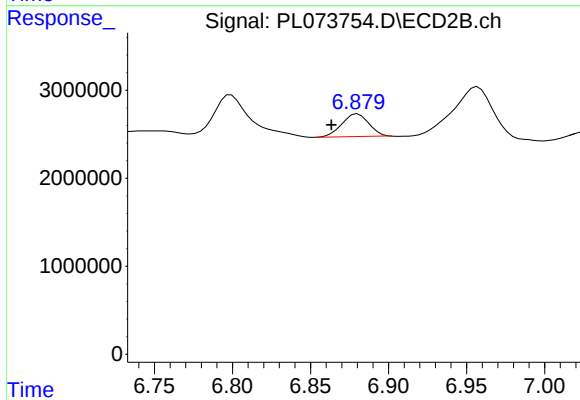
R.T.: 0.000 min  
Exp R.T.: 10.404 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

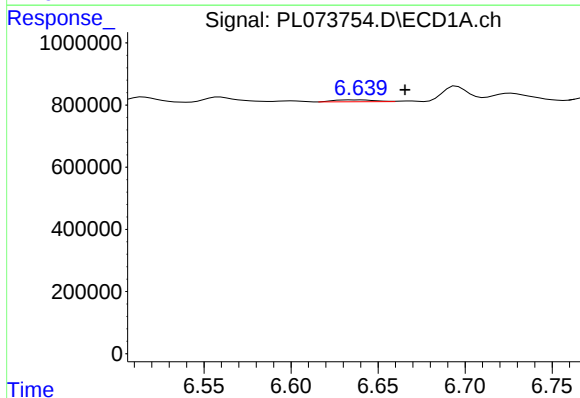
R.T.: 5.963 min  
Delta R.T.: -0.013 min  
Response: 306236  
Conc: 25.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



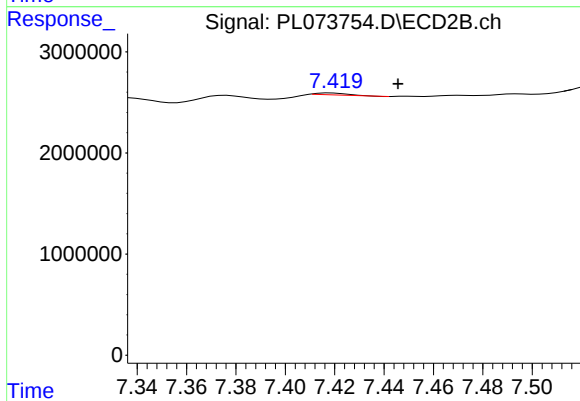
#23 Chlordane-1

R.T.: 6.880 min  
Delta R.T.: 0.017 min  
Response: 3111277  
Conc: 45.54 ng/ml



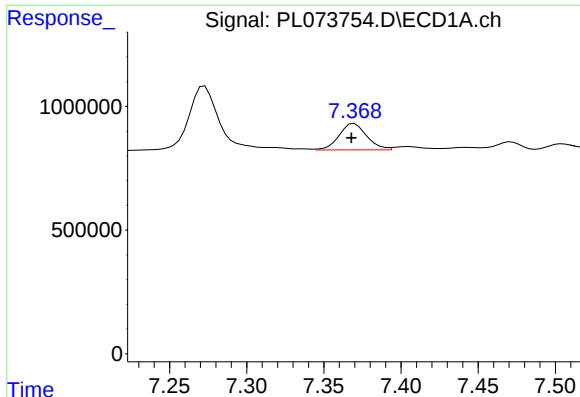
#24 Chlordane-2

R.T.: 6.639 min  
Delta R.T.: -0.026 min  
Response: 95528  
Conc: 5.86 ng/ml



#24 Chlordane-2

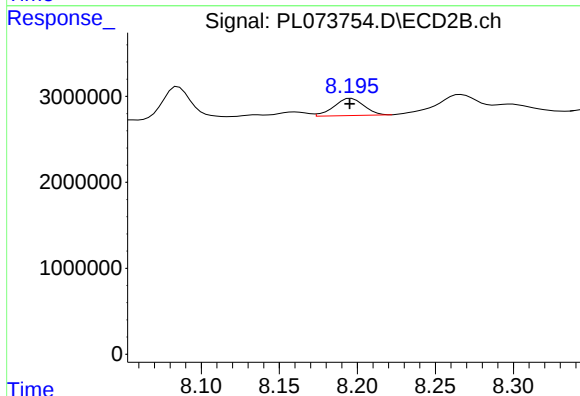
R.T.: 7.418 min  
Delta R.T.: -0.027 min  
Response: 161704  
Conc: 2.25 ng/ml



#25 Chlordane-3

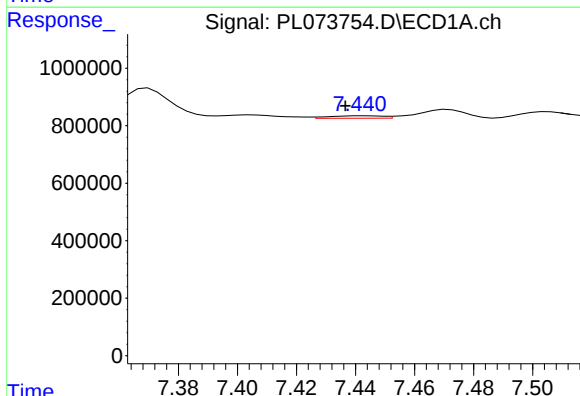
R.T.: 7.370 min  
Delta R.T.: 0.002 min  
Response: 1325310  
Conc: 32.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



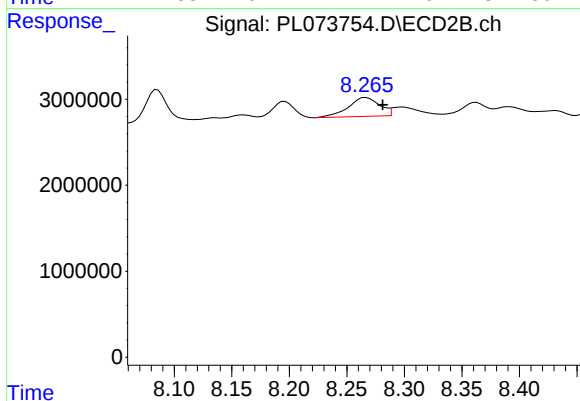
#25 Chlordane-3

R.T.: 8.196 min  
Delta R.T.: 0.000 min  
Response: 2671788  
Conc: 9.85 ng/ml



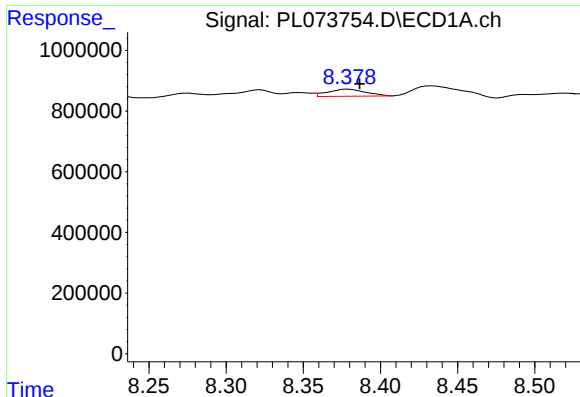
#26 Chlordane-4

R.T.: 7.442 min  
Delta R.T.: 0.006 min  
Response: 104736  
Conc: 2.36 ng/ml



#26 Chlordane-4

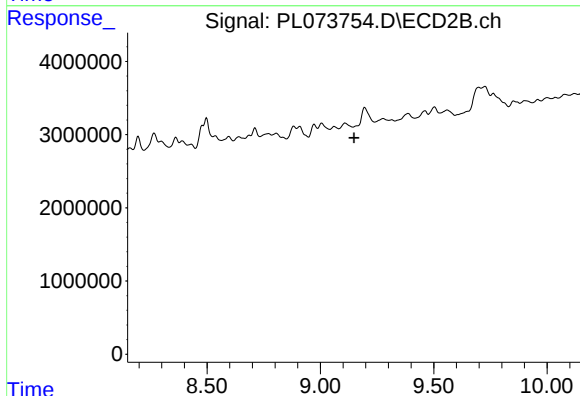
R.T.: 8.267 min  
Delta R.T.: -0.015 min  
Response: 4143638  
Conc: 12.51 ng/ml



#27 Chlordane-5

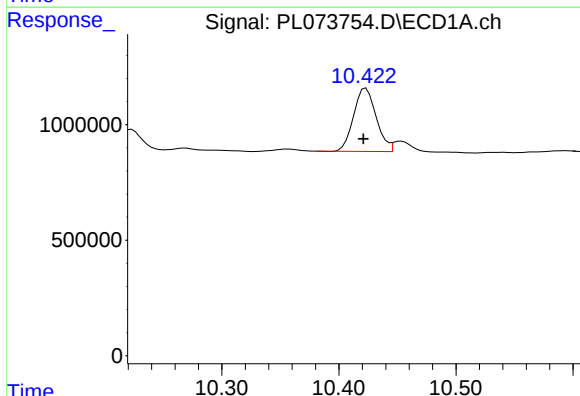
R.T.: 8.379 min  
Delta R.T.: -0.007 min  
Response: 393526  
Conc: 24.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE



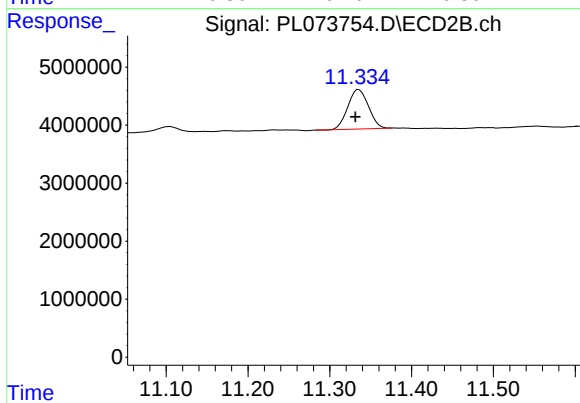
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.149 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.423 min  
Delta R.T.: 0.002 min  
Response: 3682570  
Conc: 7.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.336 min  
Delta R.T.: 0.004 min  
Response: 11943402  
Conc: 6.68 ng/ml