

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040122\  
 Data File : PL073778.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2022 16:19  
 Operator : AR\AJ  
 Sample : N2191-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 23:40:09 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... | 4.641  | 5.490  | 3014142  | 31702210 | 9.411   | 19.316 #  |
| 28)                         | SA Decachlor... | 10.413 | 11.336 | 6888456  | 11369424 | 13.547  | 6.358 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 5.363  | 6.069f | 881969   | 4641965  | 2.140   | 2.063     |
| 3)                          | MA gamma-BHC... | 5.775  | 6.452  | 12503884 | 6744615  | 29.976  | 3.159 #   |
| 5)                          | MB Aldrin       | 6.496f | 7.454f | 3909315  | 30808098 | 9.462   | 14.706 #  |
| 6)                          | B beta-BHC      | 6.175f | 6.675  | -1274707 | 10983111 | N.D.    | 10.537    |
| 7)                          | B delta-BHC     | 6.399f | 6.946  | 987139   | 31507311 | 2.458   | 14.630 #  |
| 8)                          | B Heptachlo...  | 7.090  | 0.000  | 5251768  | 0        | 12.186  | N.D. #    |
| 9)                          | A Endosulfan I  | 7.509f | 8.337  | 3094717  | 17935922 | 7.544   | 9.826 #   |
| 10)                         | B gamma-Chl...  | 7.348f | 8.211f | 2267249  | 5480943  | 5.185   | 2.684 #   |
| 11)                         | B alpha-Chl...  | 7.441  | 8.253f | 2695278  | 10206392 | 6.099   | 5.103     |
| 12)                         | B 4,4'-DDE      | 7.645  | 8.456  | 1450540  | 4402732  | 4.042   | 2.456 #   |
| 13)                         | MA Dieldrin     | 7.778  | 8.585f | 1743790  | 6494831  | 4.186   | 3.521     |
| 14)                         | MA Endrin       | 8.098f | 8.844  | 1866357  | 8385359  | 4.810   | 5.447     |
| 15)                         | B Endosulfa...  | 8.388  | 9.052f | 2258311  | 14650984 | 5.778   | 9.539 #   |
| 16)                         | A 4,4'-DDD      | 8.240  | 8.978  | 136481   | 1498316  | 0.420   | 1.026 #   |
| 17)                         | MA 4,4'-DDT     | 8.479f | 9.311  | 1179284  | 10908854 | 3.118   | 6.674 #   |
| 18)                         | B Endrin al...  | 8.578  | 9.206  | 633939   | 5458607  | 2.005   | 4.451 #   |
| 19)                         | B Endosulfa...  | 0.000  | 9.444  | 0        | 4511815  | N.D.    | 2.863 #   |
| 20)                         | A Methoxychlor  | 9.071f | 9.782  | 9107459  | 55593308 | 35.502  | 61.697 #  |
| 21)                         | B Endrin ke...  | 9.295f | 0.000  | 1596704  | 0        | 3.264   | N.D. #    |
| 22)                         | Mirex           | 9.522  | 10.391 | 4884359  | 1668135  | 10.358  | 1.228 #   |
| 23)                         | Chlordane-1     | 5.956f | 0.000  | 750358   | 0        | 63.295  | N.D. #    |
| 24)                         | Chlordane-2     | 6.661  | 7.454  | 437741   | 30808098 | 26.834  | 428.642 # |
| 25)                         | Chlordane-3     | 7.348f | 8.211f | 2267249  | 5480943  | 55.523  | 20.215 #  |
| 26)                         | Chlordane-4     | 7.441  | 8.253f | 2695278  | 10206392 | 60.813  | 30.811 #  |
| 27)                         | Chlordane-5     | 8.388  | 9.144  | 2258311  | 2616502  | 137.910 | 48.206 #  |
| -----                       |                 |        |        |          |          |         |           |

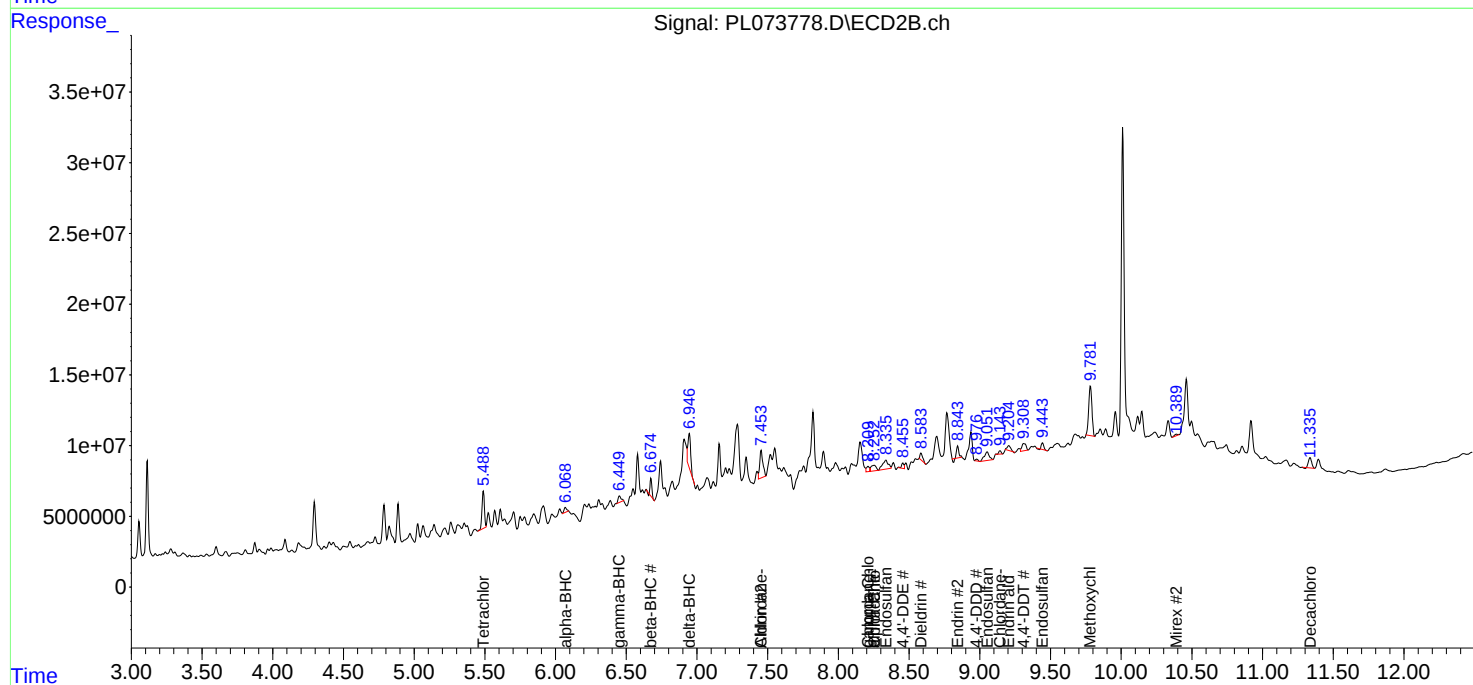
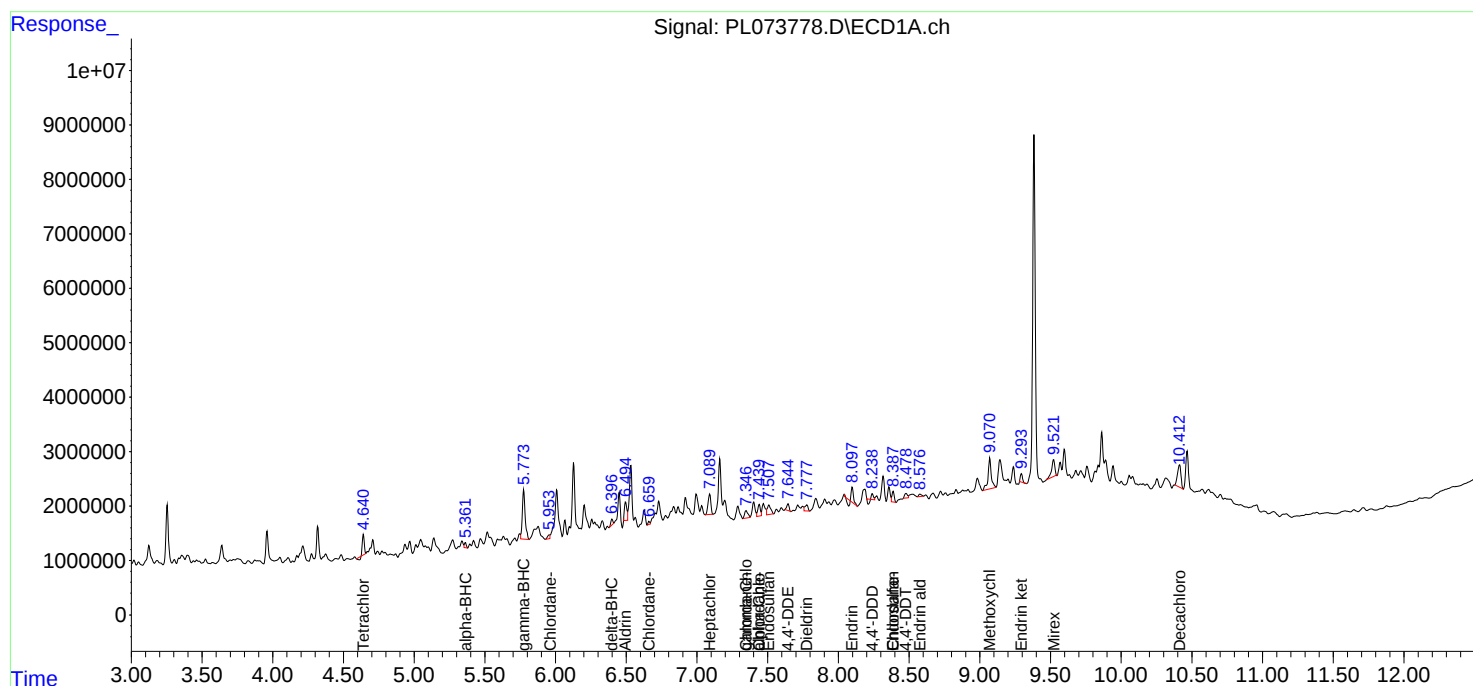
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

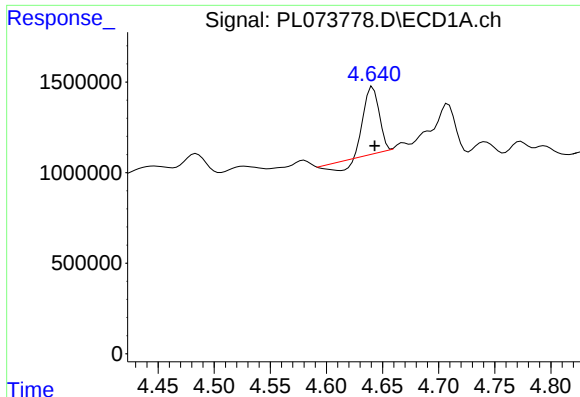
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040122\  
Data File : PL073778.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2022 16:19  
Operator : AR\AJ  
Sample : N2191-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 23:40:09 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

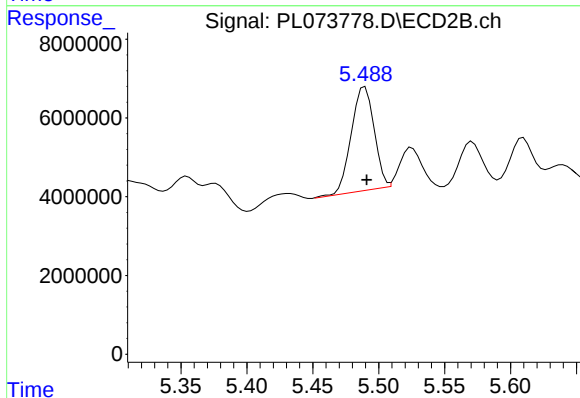




#1 Tetrachloro-m-xylene

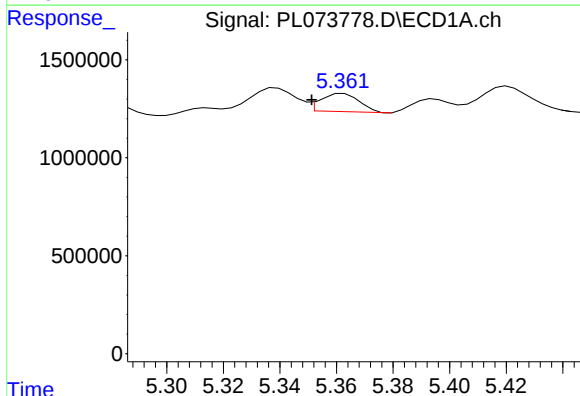
R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 3014142  
Conc: 9.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



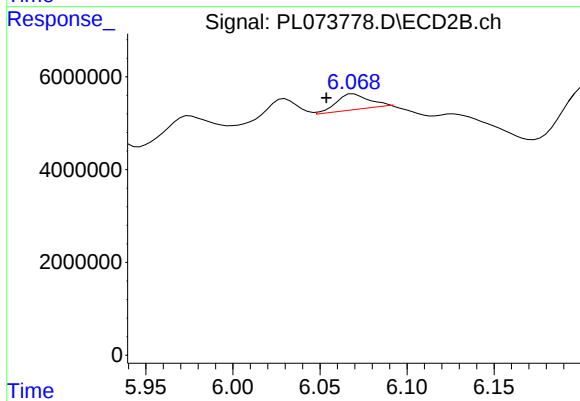
#1 Tetrachloro-m-xylene

R.T.: 5.490 min  
Delta R.T.: -0.001 min  
Response: 31702210  
Conc: 19.32 ng/ml



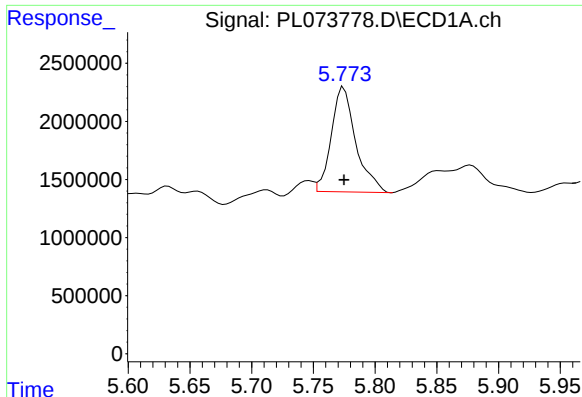
#2 alpha-BHC

R.T.: 5.363 min  
Delta R.T.: 0.011 min  
Response: 881969  
Conc: 2.14 ng/ml



#2 alpha-BHC

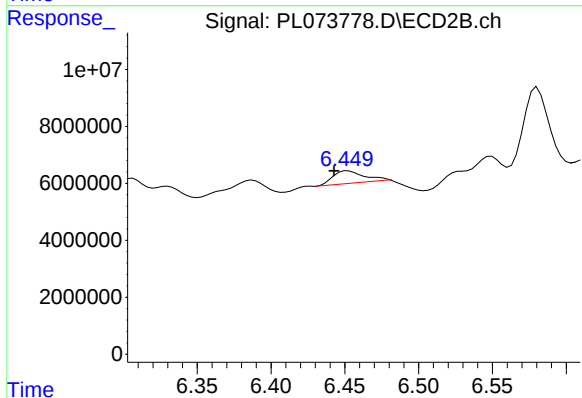
R.T.: 6.069 min  
Delta R.T.: 0.016 min  
Response: 4641965  
Conc: 2.06 ng/ml



#3 gamma-BHC (Lindane)

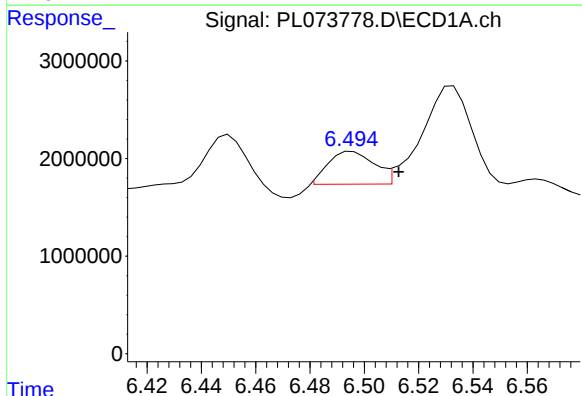
R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 12503884  
Conc: 29.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



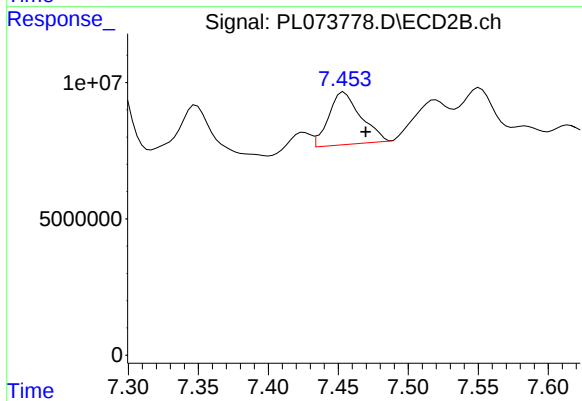
#3 gamma-BHC (Lindane)

R.T.: 6.452 min  
Delta R.T.: 0.009 min  
Response: 6744615  
Conc: 3.16 ng/ml



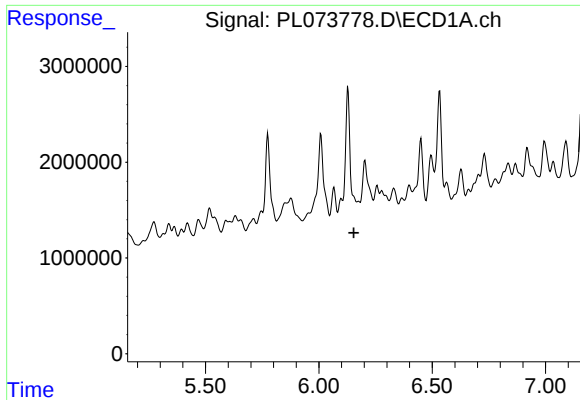
#5 Aldrin

R.T.: 6.496 min  
Delta R.T.: -0.017 min  
Response: 3909315  
Conc: 9.46 ng/ml



#5 Aldrin

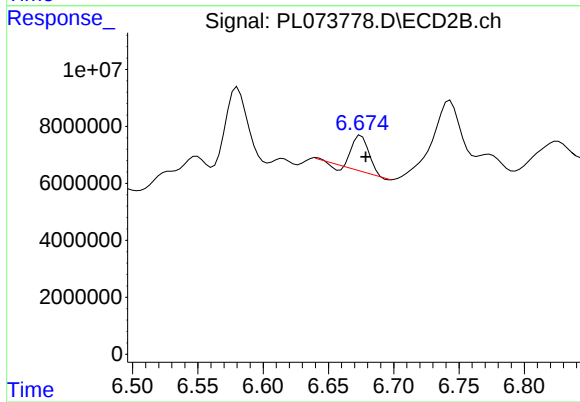
R.T.: 7.454 min  
Delta R.T.: -0.015 min  
Response: 30808098  
Conc: 14.71 ng/ml



#6 beta-BHC

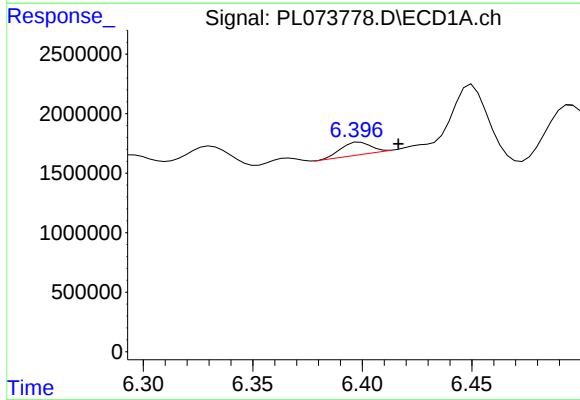
R.T.: 6.175 min  
Delta R.T.: 0.020 min  
Response: -1274707  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



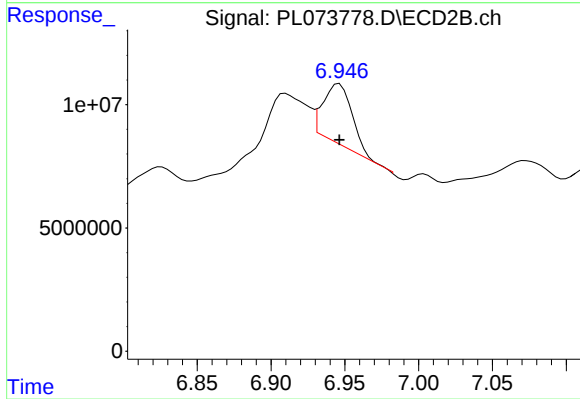
#6 beta-BHC

R.T.: 6.675 min  
Delta R.T.: -0.004 min  
Response: 10983111  
Conc: 10.54 ng/ml



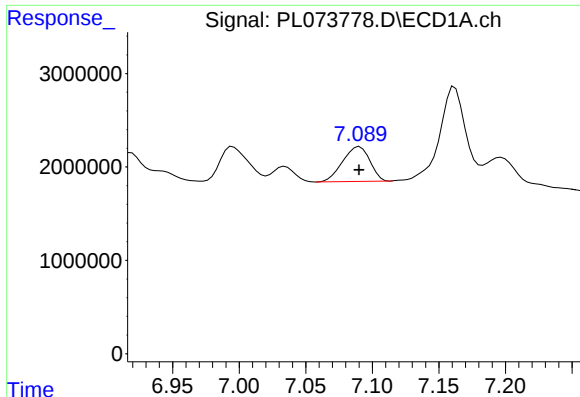
#7 delta-BHC

R.T.: 6.399 min  
Delta R.T.: -0.017 min  
Response: 987139  
Conc: 2.46 ng/ml



#7 delta-BHC

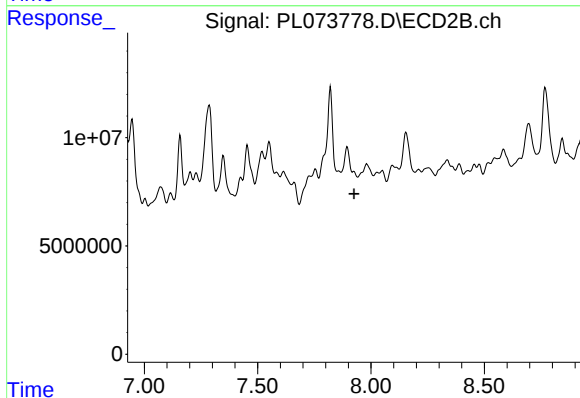
R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 31507311  
Conc: 14.63 ng/ml



#8 Heptachlor epoxide

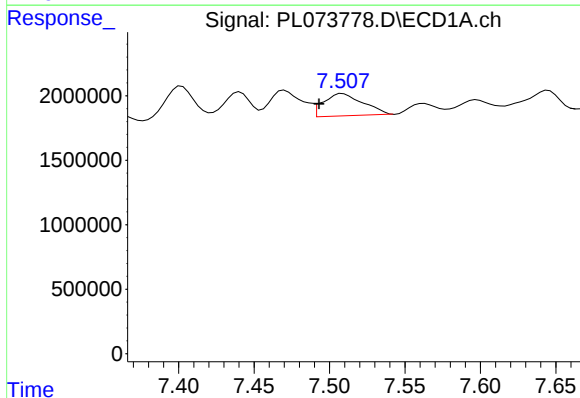
R.T.: 7.090 min  
Delta R.T.: 0.000 min  
Response: 5251768  
Conc: 12.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



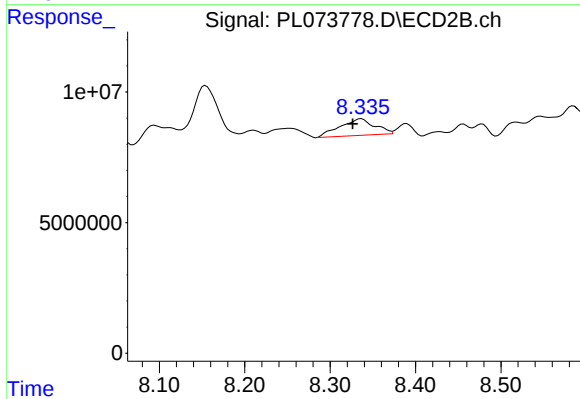
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 7.926 min  
Response: 0  
Conc: N.D.



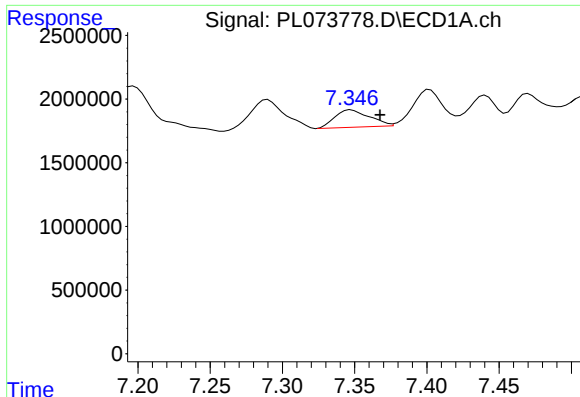
#9 Endosulfan I

R.T.: 7.509 min  
Delta R.T.: 0.016 min  
Response: 3094717  
Conc: 7.54 ng/ml



#9 Endosulfan I

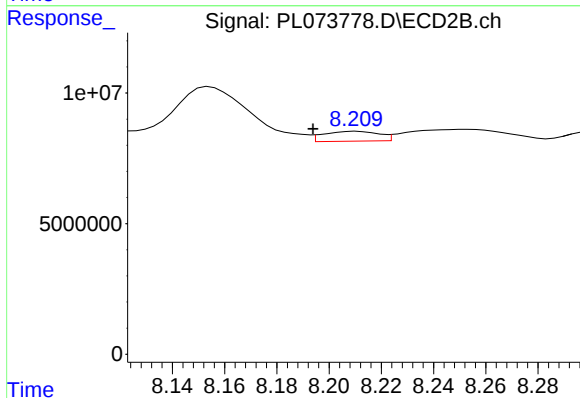
R.T.: 8.337 min  
Delta R.T.: 0.010 min  
Response: 17935922  
Conc: 9.83 ng/ml



#10 gamma-Chlordane

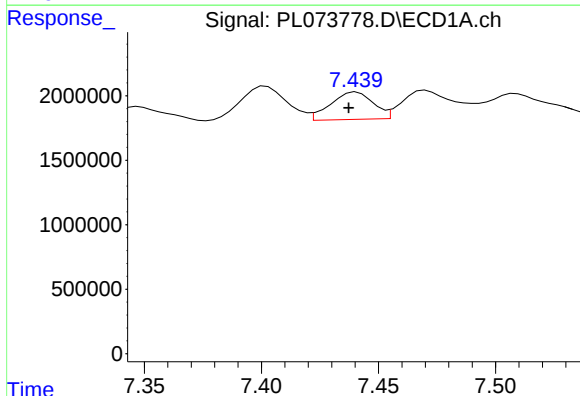
R.T.: 7.348 min  
Delta R.T.: -0.020 min  
Response: 2267249  
Conc: 5.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



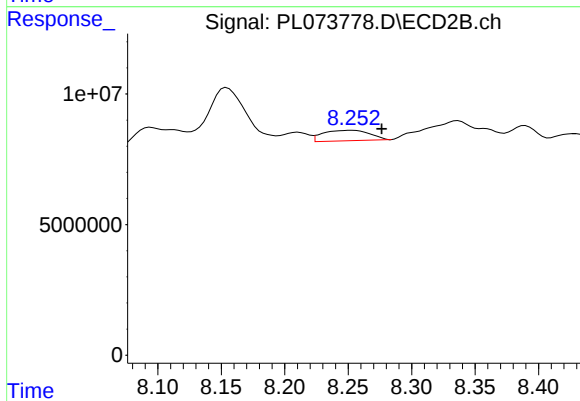
#10 gamma-Chlordane

R.T.: 8.211 min  
Delta R.T.: 0.017 min  
Response: 5480943  
Conc: 2.68 ng/ml



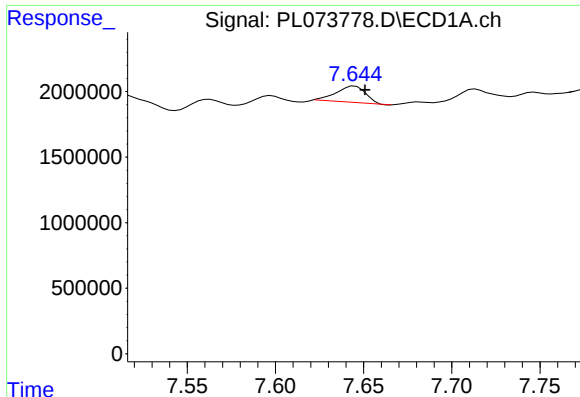
#11 alpha-Chlordane

R.T.: 7.441 min  
Delta R.T.: 0.003 min  
Response: 2695278  
Conc: 6.10 ng/ml



#11 alpha-Chlordane

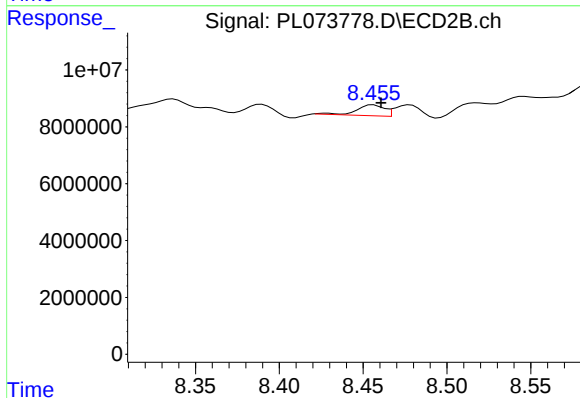
R.T.: 8.253 min  
Delta R.T.: -0.023 min  
Response: 10206392  
Conc: 5.10 ng/ml



#12 4,4'-DDE

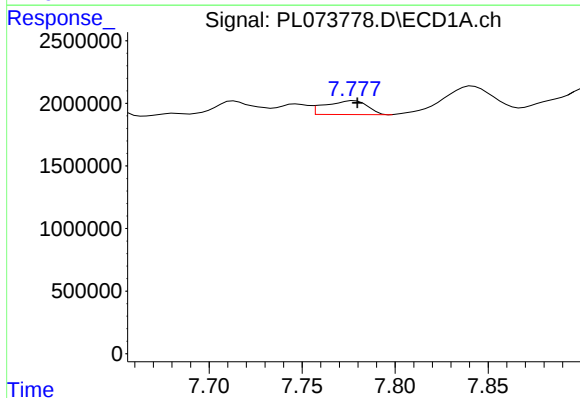
R.T.: 7.645 min  
Delta R.T.: -0.006 min  
Response: 1450540  
Conc: 4.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



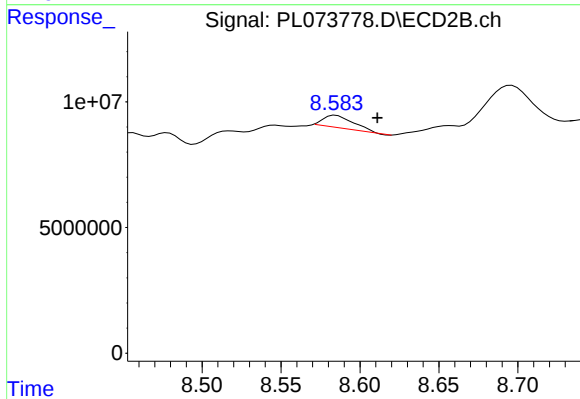
#12 4,4'-DDE

R.T.: 8.456 min  
Delta R.T.: -0.005 min  
Response: 4402732  
Conc: 2.46 ng/ml



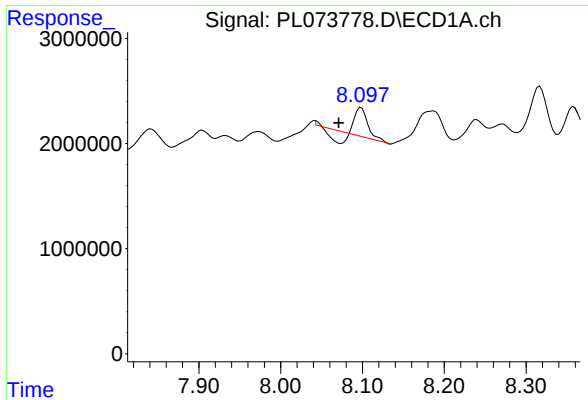
#13 Dieldrin

R.T.: 7.778 min  
Delta R.T.: -0.002 min  
Response: 1743790  
Conc: 4.19 ng/ml



#13 Dieldrin

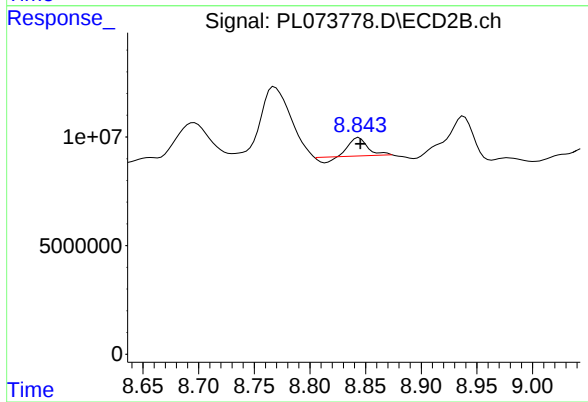
R.T.: 8.585 min  
Delta R.T.: -0.026 min  
Response: 6494831  
Conc: 3.52 ng/ml



#14 Endrin

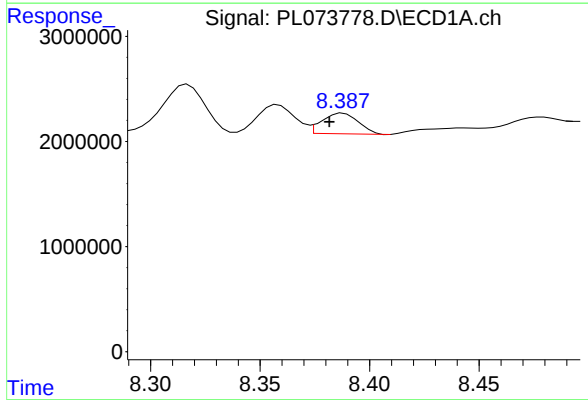
R.T.: 8.098 min  
Delta R.T.: 0.027 min  
Response: 1866357  
Conc: 4.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



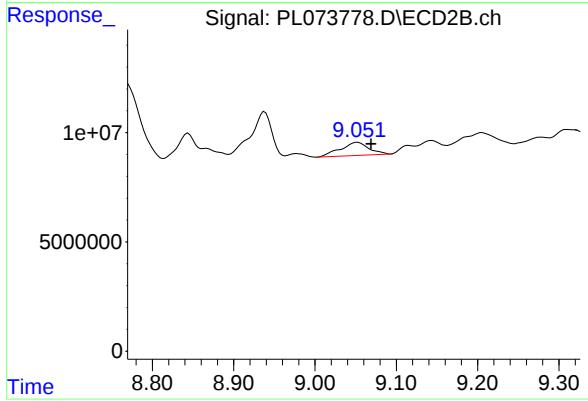
#14 Endrin

R.T.: 8.844 min  
Delta R.T.: -0.001 min  
Response: 8385359  
Conc: 5.45 ng/ml



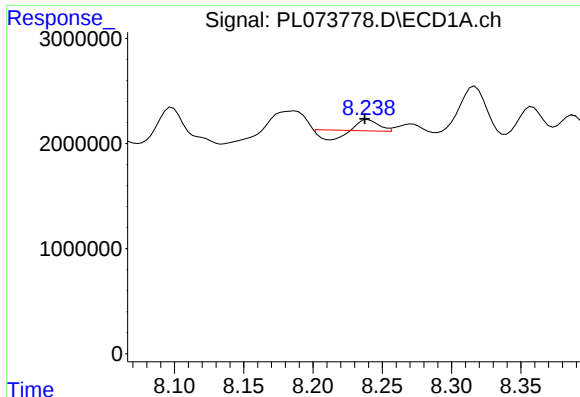
#15 Endosulfan II

R.T.: 8.388 min  
Delta R.T.: 0.006 min  
Response: 2258311  
Conc: 5.78 ng/ml



#15 Endosulfan II

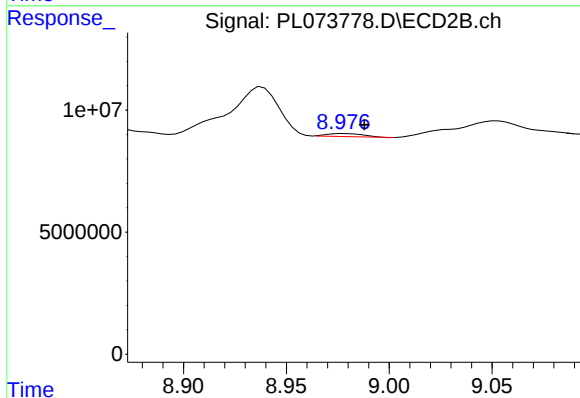
R.T.: 9.052 min  
Delta R.T.: -0.017 min  
Response: 14650984  
Conc: 9.54 ng/ml



#16 4,4'-DDD

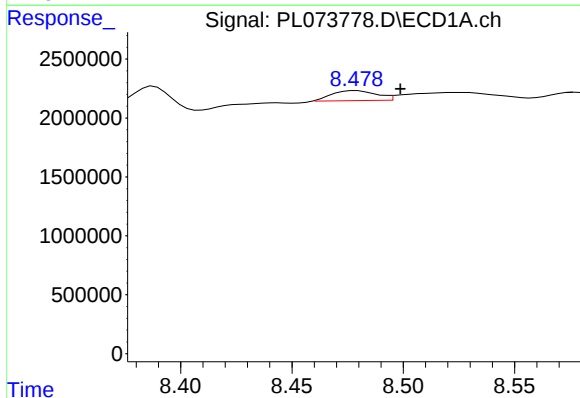
R.T.: 8.240 min  
Delta R.T.: 0.003 min  
Response: 136481  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



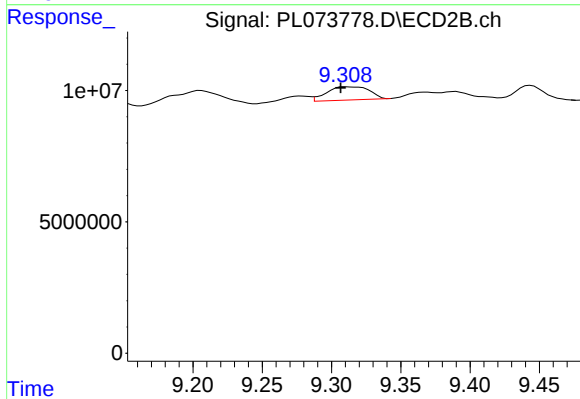
#16 4,4'-DDD

R.T.: 8.978 min  
Delta R.T.: -0.010 min  
Response: 1498316  
Conc: 1.03 ng/ml



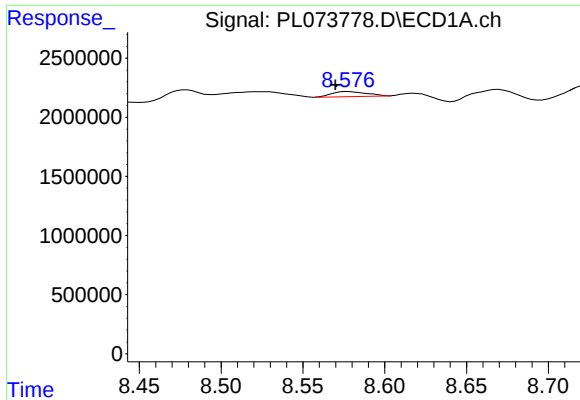
#17 4,4'-DDT

R.T.: 8.479 min  
Delta R.T.: -0.020 min  
Response: 1179284  
Conc: 3.12 ng/ml



#17 4,4'-DDT

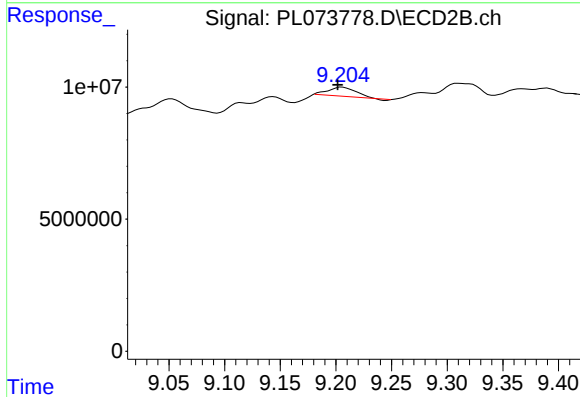
R.T.: 9.311 min  
Delta R.T.: 0.005 min  
Response: 10908854  
Conc: 6.67 ng/ml



#18 Endrin aldehyde

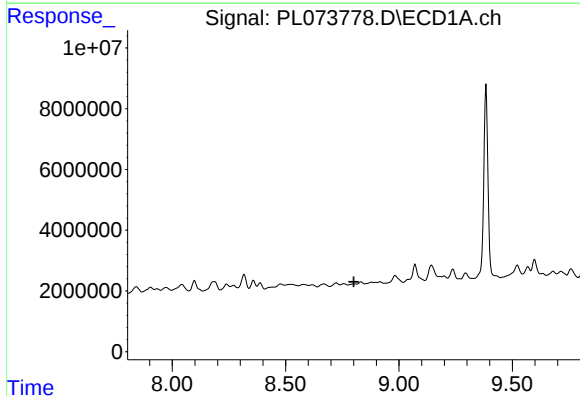
R.T.: 8.578 min  
Delta R.T.: 0.008 min  
Response: 633939  
Conc: 2.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



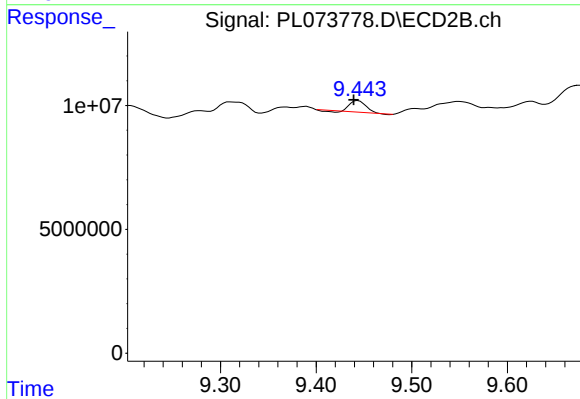
#18 Endrin aldehyde

R.T.: 9.206 min  
Delta R.T.: 0.004 min  
Response: 5458607  
Conc: 4.45 ng/ml



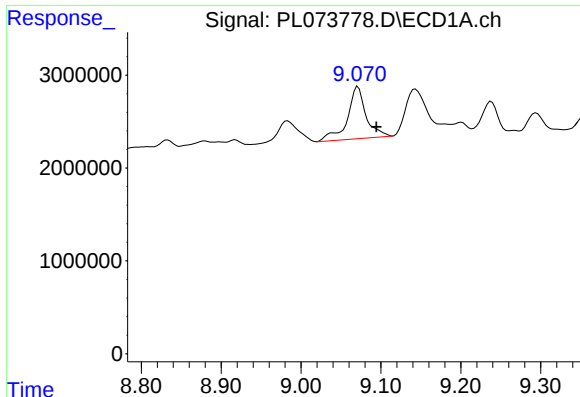
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 8.801 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

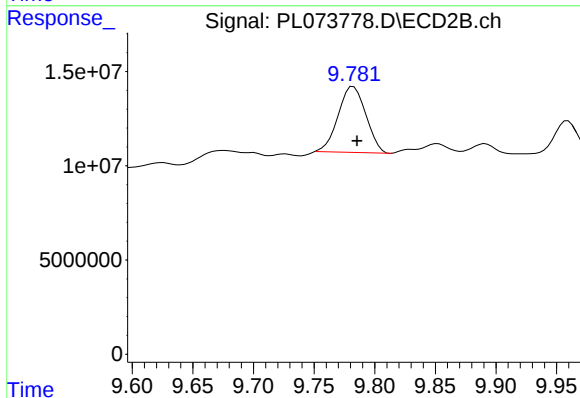
R.T.: 9.444 min  
Delta R.T.: 0.004 min  
Response: 4511815  
Conc: 2.86 ng/ml



#20 Methoxychlor

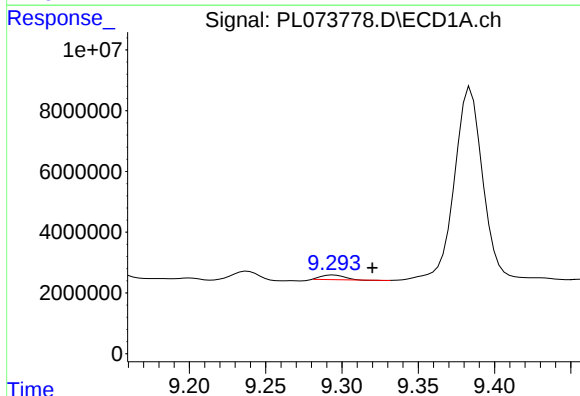
R.T.: 9.071 min  
Delta R.T.: -0.023 min  
Response: 9107459  
Conc: 35.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



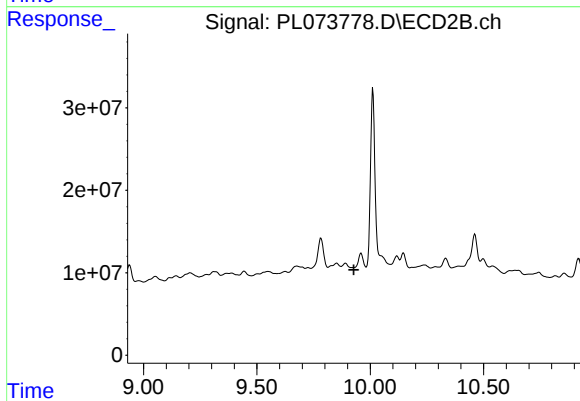
#20 Methoxychlor

R.T.: 9.782 min  
Delta R.T.: -0.003 min  
Response: 55593308  
Conc: 61.70 ng/ml



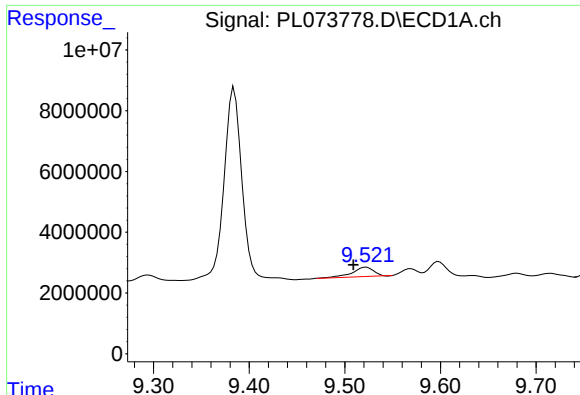
#21 Endrin ketone

R.T.: 9.295 min  
Delta R.T.: -0.025 min  
Response: 1596704  
Conc: 3.26 ng/ml



#21 Endrin ketone

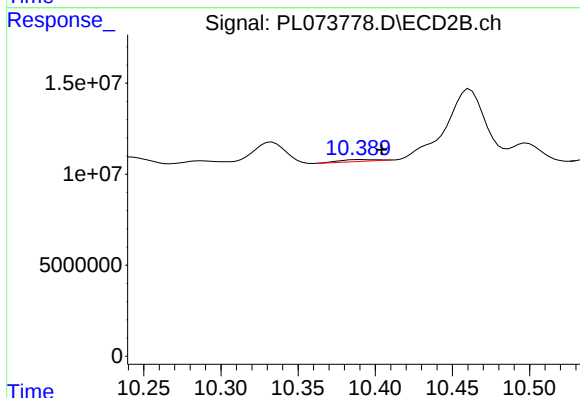
R.T.: 0.000 min  
Exp R.T. : 9.928 min  
Response: 0  
Conc: N.D.



#22 Mirex

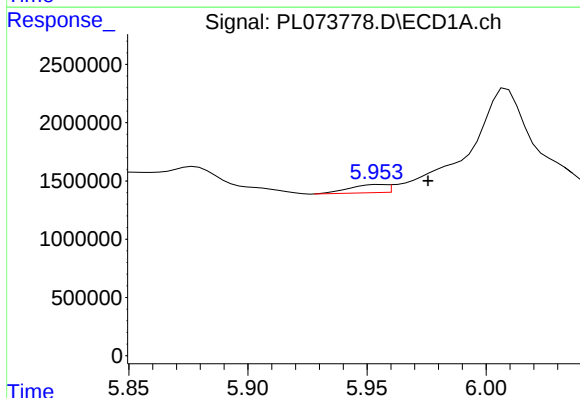
R.T.: 9.522 min  
Delta R.T.: 0.013 min  
Response: 4884359  
Conc: 10.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



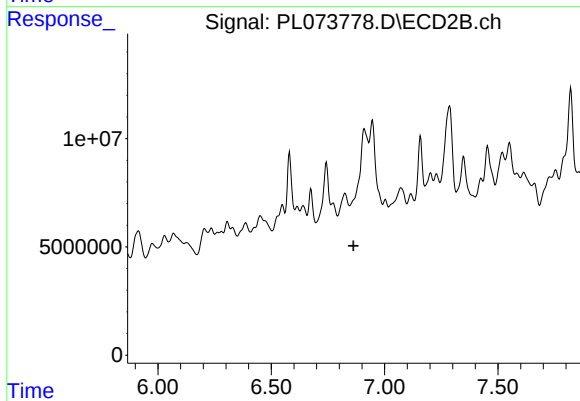
#22 Mirex

R.T.: 10.391 min  
Delta R.T.: -0.013 min  
Response: 1668135  
Conc: 1.23 ng/ml



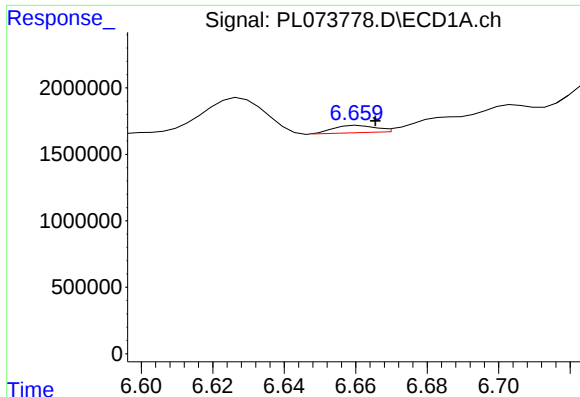
#23 Chlordane-1

R.T.: 5.956 min  
Delta R.T.: -0.020 min  
Response: 750358  
Conc: 63.29 ng/ml



#23 Chlordane-1

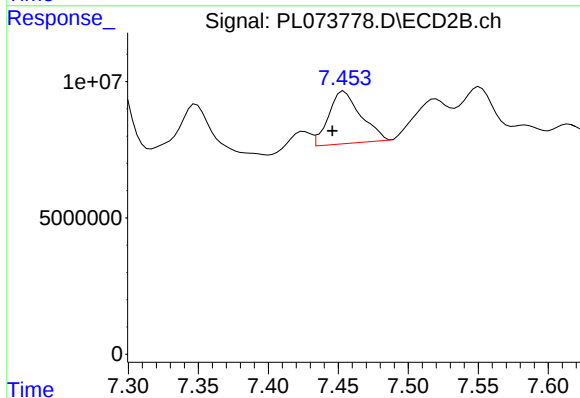
R.T.: 0.000 min  
Exp R.T. : 6.863 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

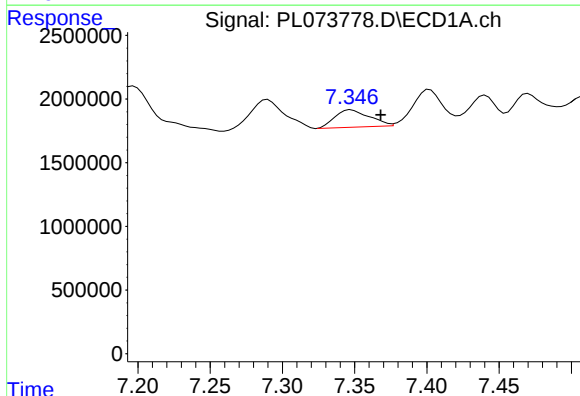
R.T.: 6.661 min  
Delta R.T.: -0.004 min  
Response: 437741  
Conc: 26.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



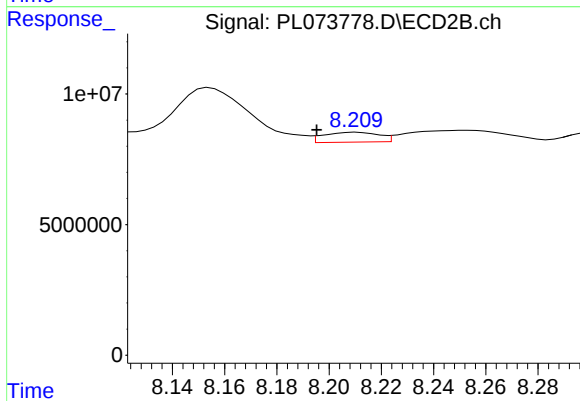
#24 Chlordane-2

R.T.: 7.454 min  
Delta R.T.: 0.009 min  
Response: 30808098  
Conc: 428.64 ng/ml



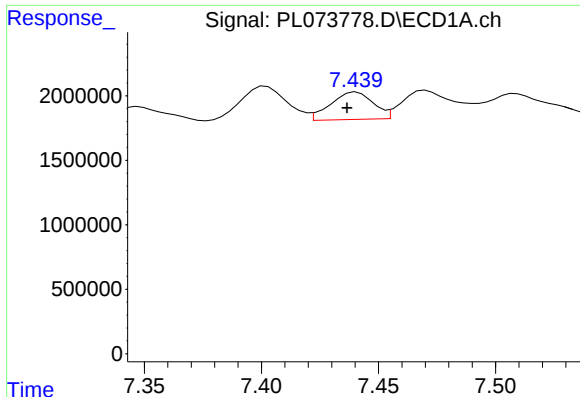
#25 Chlordane-3

R.T.: 7.348 min  
Delta R.T.: -0.020 min  
Response: 2267249  
Conc: 55.52 ng/ml



#25 Chlordane-3

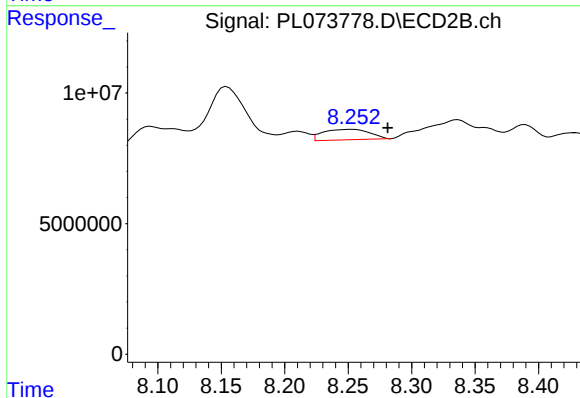
R.T.: 8.211 min  
Delta R.T.: 0.015 min  
Response: 5480943  
Conc: 20.22 ng/ml



#26 Chlordane-4

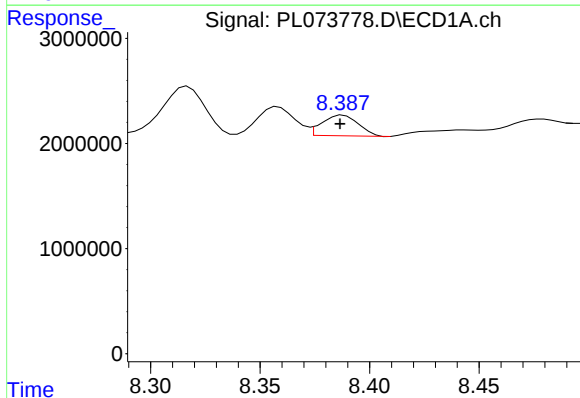
R.T.: 7.441 min  
Delta R.T.: 0.004 min  
Response: 2695278  
Conc: 60.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



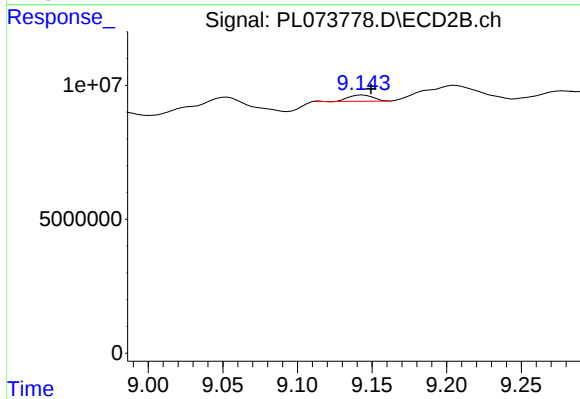
#26 Chlordane-4

R.T.: 8.253 min  
Delta R.T.: -0.028 min  
Response: 10206392  
Conc: 30.81 ng/ml



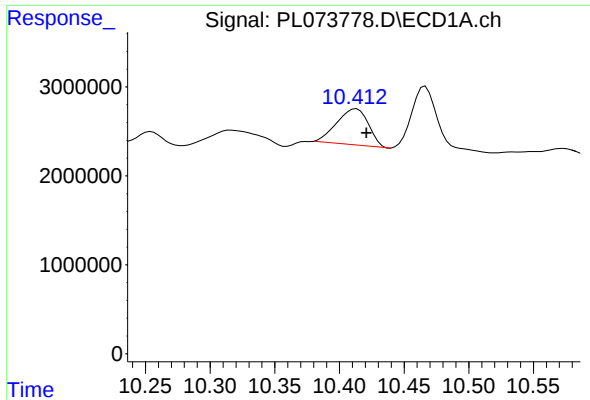
#27 Chlordane-5

R.T.: 8.388 min  
Delta R.T.: 0.001 min  
Response: 2258311  
Conc: 137.91 ng/ml



#27 Chlordane-5

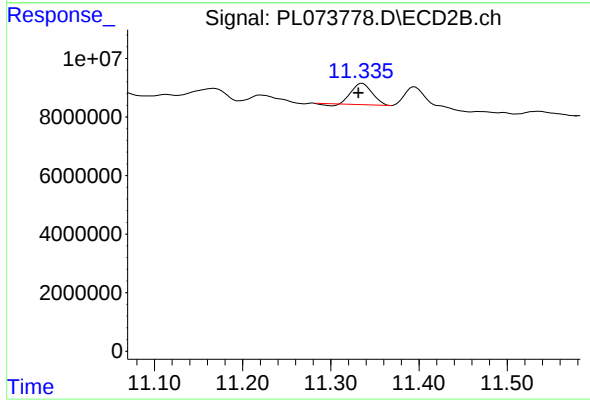
R.T.: 9.144 min  
Delta R.T.: -0.005 min  
Response: 2616502  
Conc: 48.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.413 min  
Delta R.T.: -0.008 min  
Response: 6888456  
Conc: 13.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.336 min  
Delta R.T.: 0.005 min  
Response: 11369424  
Conc: 6.36 ng/ml