

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021622\  
 Data File : PL072761.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Feb 2022 06:04  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 17 07:30:30 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... | 4.554  | 5.490  | 23792398 | 86418520 | 49.412   | 50.029     |
| 28)                         | SA Decachlor... | 10.313 | 11.381 | 39601245 | 90234245 | 52.310   | 56.902     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.260  | 6.072  | 34294285 | 127.5E6  | 52.012   | 53.226     |
| 3)                          | MA gamma-BHC... | 5.684  | 6.468  | 33049439 | 119.4E6  | 52.586   | 51.854     |
| 4)                          | MA Heptachlor   | 6.089  | 7.113  | 49987250 | 122.3E6  | 68.482   | 53.700     |
| 5)                          | MB Aldrin       | 6.412  | 7.482  | 35006565 | 117.1E6  | 54.219   | 54.788     |
| 6)                          | B beta-BHC      | 6.089f | 6.728  | 49987250 | 52617638 | 201.733  | 51.615 #   |
| 7)                          | B delta-BHC     | 6.327  | 6.993  | 34479524 | 119.8E6  | 52.074   | 52.271     |
| 8)                          | B Heptachlo...  | 6.990  | 7.951  | 34094959 | 114.5E6  | 54.080   | 59.341     |
| 9)                          | A Endosulfan I  | 7.393  | 8.356  | 32054818 | 98603144 | 54.790   | 56.361     |
| 10)                         | B gamma-Chl...  | 7.267  | 8.221  | 34398533 | 114.7E6  | 54.302   | 59.295     |
| 11)                         | B alpha-Chl...  | 7.337  | 8.301  | 34877545 | 107.9E6  | 54.772   | 56.801     |
| 12)                         | B 4,4'-DDE      | 7.551  | 8.492  | 33901025 | 102.1E6  | 55.785   | 54.643     |
| 13)                         | MA Dieldrin     | 7.678  | 8.644  | 35947978 | 105.0E6  | 56.925   | 56.340     |
| 14)                         | MA Endrin       | 7.969  | 8.884  | 31629442 | 88974268 | 53.993   | 56.469     |
| 15)                         | B Endosulfa...  | 8.282  | 9.120  | 32781355 | 92455891 | 53.881   | 54.990     |
| 16)                         | A 4,4'-DDD      | 8.138  | 9.032  | 27644545 | 79200360 | 57.462   | 57.234     |
| 17)                         | MA 4,4'-DDT     | 8.398  | 9.348  | 30115194 | 85094401 | 55.968   | 55.586     |
| 18)                         | B Endrin al...  | 8.471  | 9.255  | 24149495 | 65164071 | 55.403   | 57.899     |
| 19)                         | B Endosulfa...  | 8.702  | 9.493  | 32673188 | 84979410 | 54.904   | 56.805     |
| 20)                         | A Methoxychlor  | 8.994  | 9.836  | 18902957 | 42691290 | 53.759   | 52.728     |
| 21)                         | B Endrin ke...  | 9.219  | 9.989  | 37466018 | 94314787 | 54.514   | 59.195     |
| 22)                         | Mirex           | 9.400  | 10.452 | 32746153 | 68707817 | 55.198   | 58.530     |
| 23)                         | Chlordane-1     | 0.000  | 6.884  | 0        | 130285   | N.D.     | 1.816 #    |
| 24)                         | Chlordane-2     | 6.559  | 7.482  | 30662    | 117.1E6  | 1.213    | 1520.887 # |
| 25)                         | Chlordane-3     | 7.267  | 8.221  | 34398533 | 114.7E6  | 510.357  | 383.791    |
| 26)                         | Chlordane-4     | 7.337  | 8.301  | 34877545 | 107.9E6  | 475.327  | 302.471 #  |
| 27)                         | Chlordane-5     | 8.282  | 0.000  | 32781355 | 0        | 1277.754 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

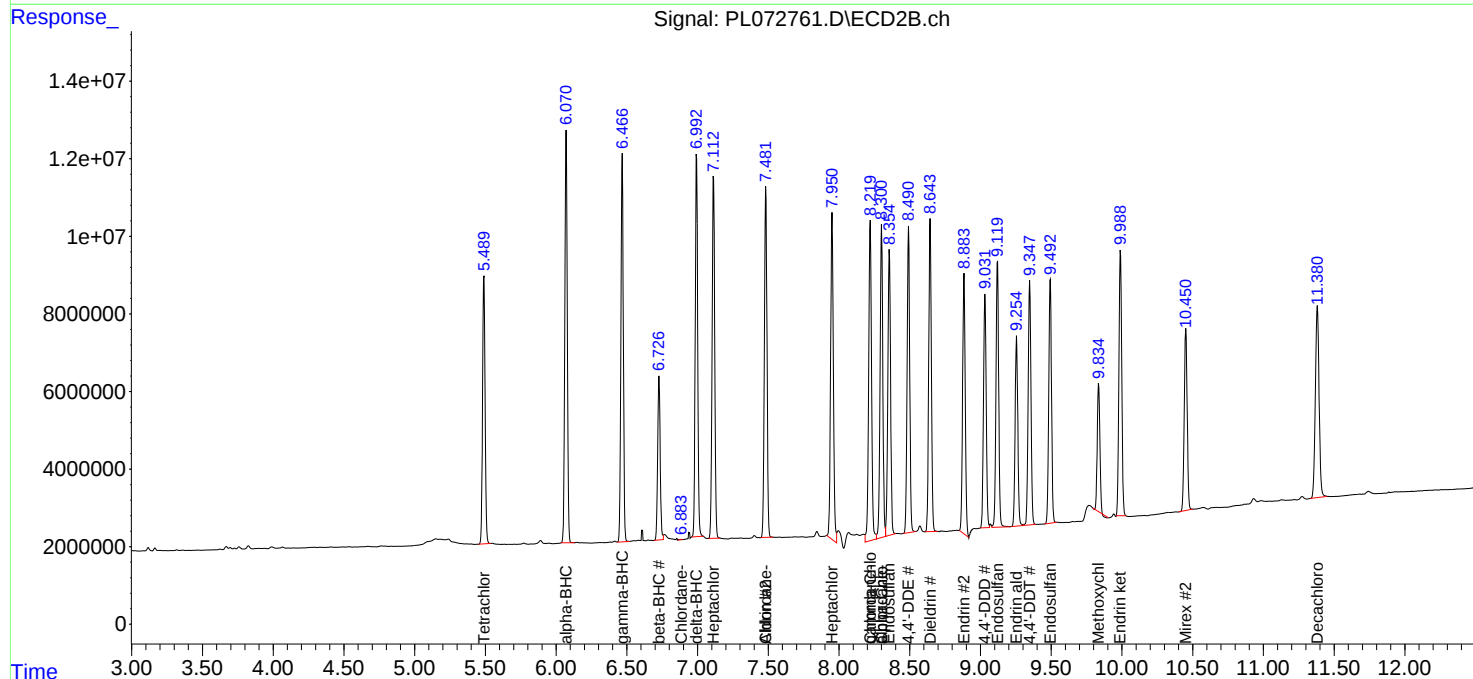
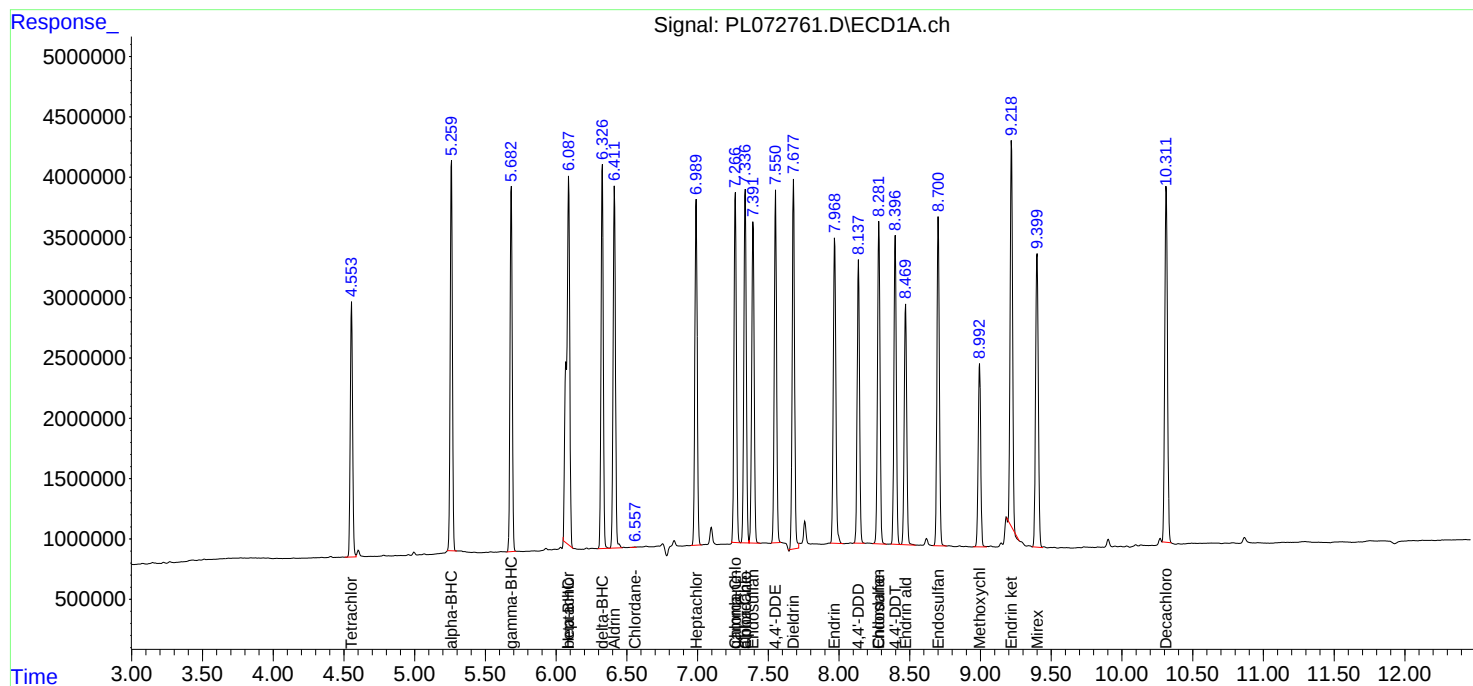
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

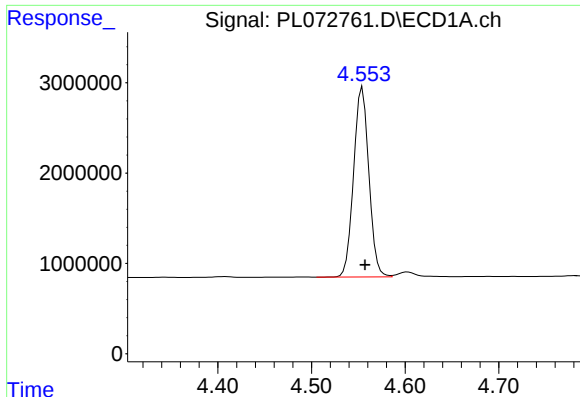
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021622\  
Data File : PL072761.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Feb 2022 06:04  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 17 07:30:30 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

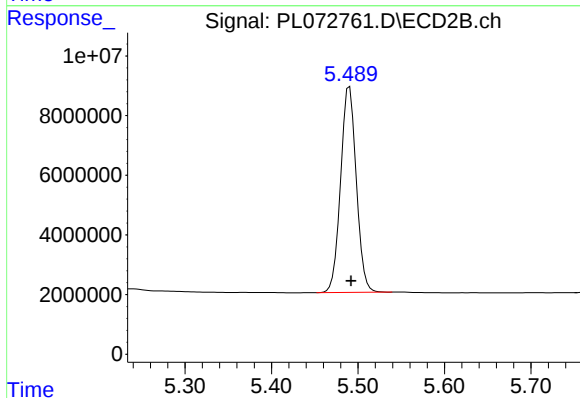




#1 Tetrachloro-m-xylene

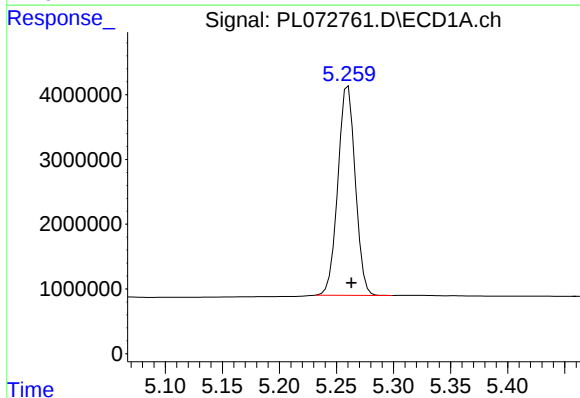
R.T.: 4.554 min  
Delta R.T.: -0.003 min  
Response: 23792398  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



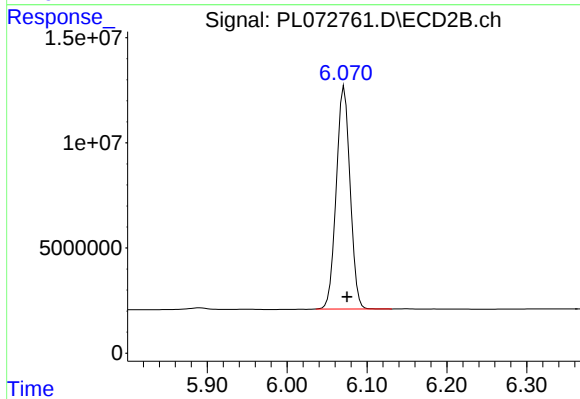
#1 Tetrachloro-m-xylene

R.T.: 5.490 min  
Delta R.T.: -0.002 min  
Response: 86418520  
Conc: 50.03 ng/ml



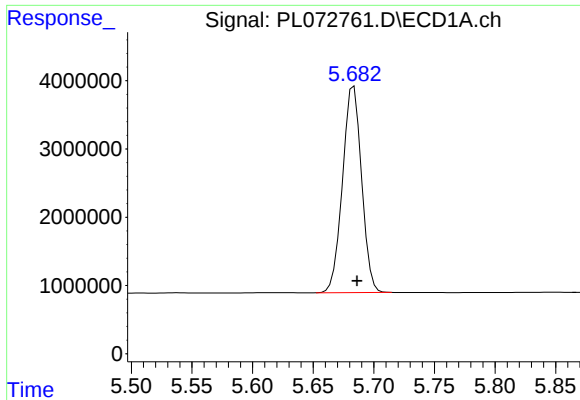
#2 alpha-BHC

R.T.: 5.260 min  
Delta R.T.: -0.003 min  
Response: 34294285  
Conc: 52.01 ng/ml



#2 alpha-BHC

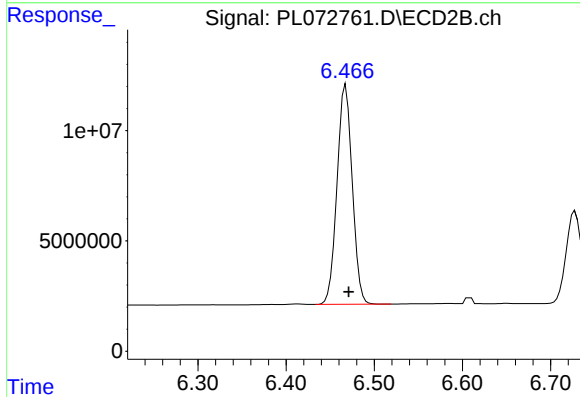
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 127462913  
Conc: 53.23 ng/ml



#3 gamma-BHC (Lindane)

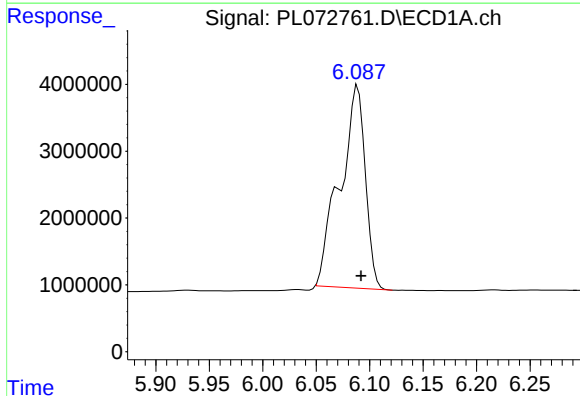
R.T.: 5.684 min  
Delta R.T.: -0.003 min  
Response: 33049439  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



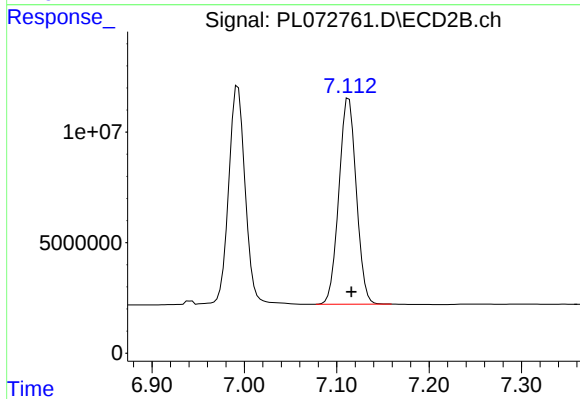
#3 gamma-BHC (Lindane)

R.T.: 6.468 min  
Delta R.T.: -0.003 min  
Response: 119392708  
Conc: 51.85 ng/ml



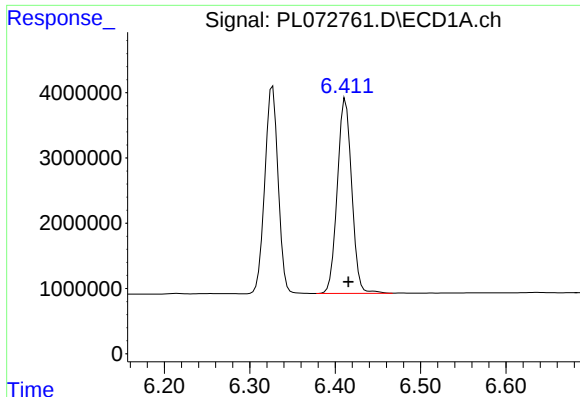
#4 Heptachlor

R.T.: 6.089 min  
Delta R.T.: -0.003 min  
Response: 49987250  
Conc: 68.48 ng/ml



#4 Heptachlor

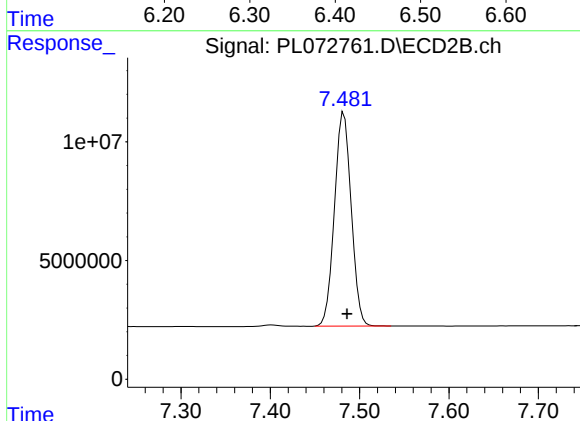
R.T.: 7.113 min  
Delta R.T.: -0.003 min  
Response: 122267165  
Conc: 53.70 ng/ml



#5 Aldrin

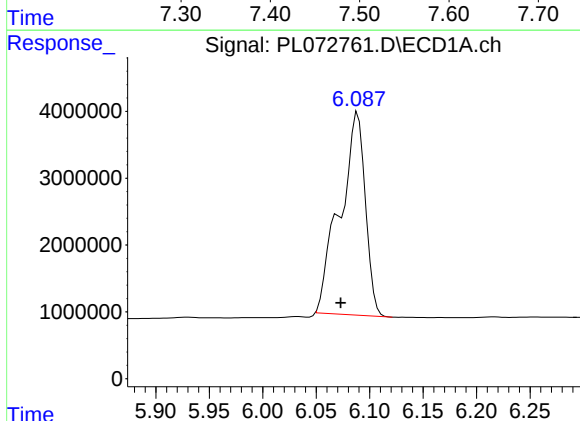
R.T.: 6.412 min  
Delta R.T.: -0.003 min  
Response: 35006565  
Conc: 54.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



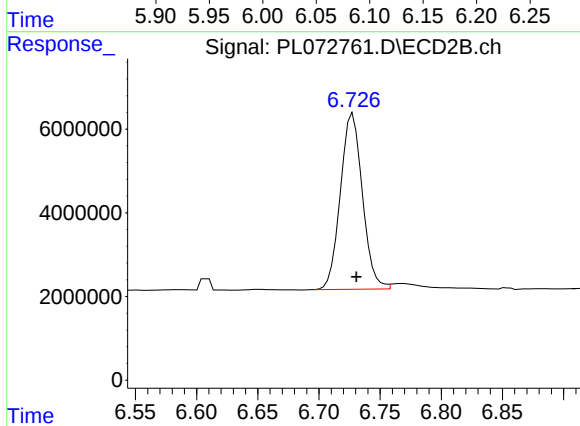
#5 Aldrin

R.T.: 7.482 min  
Delta R.T.: -0.004 min  
Response: 117125102  
Conc: 54.79 ng/ml



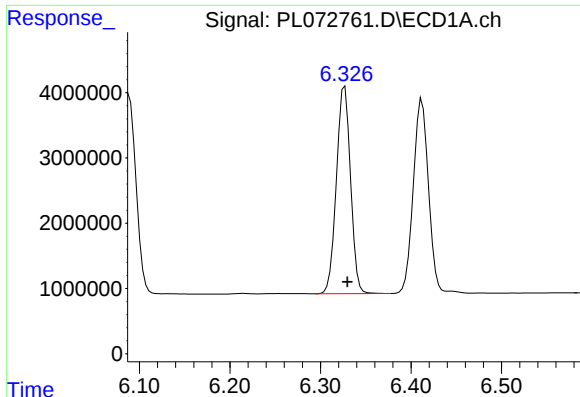
#6 beta-BHC

R.T.: 6.089 min  
Delta R.T.: 0.016 min  
Response: 49987250  
Conc: 201.73 ng/ml



#6 beta-BHC

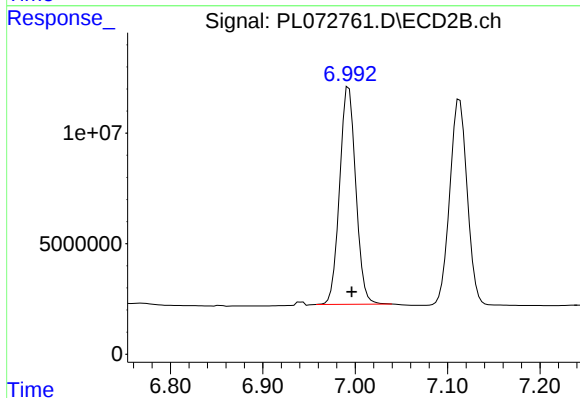
R.T.: 6.728 min  
Delta R.T.: -0.003 min  
Response: 52617638  
Conc: 51.62 ng/ml



#7 delta-BHC

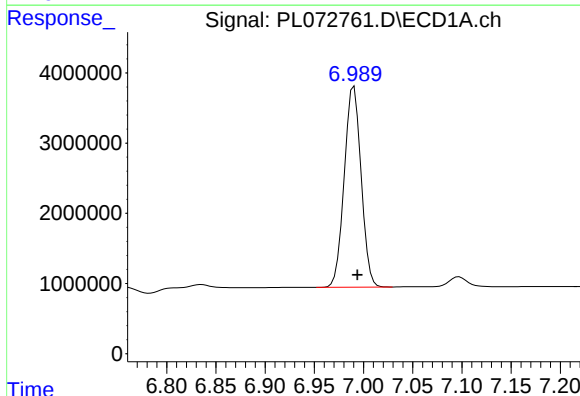
R.T.: 6.327 min  
Delta R.T.: -0.003 min  
Response: 34479524  
Conc: 52.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



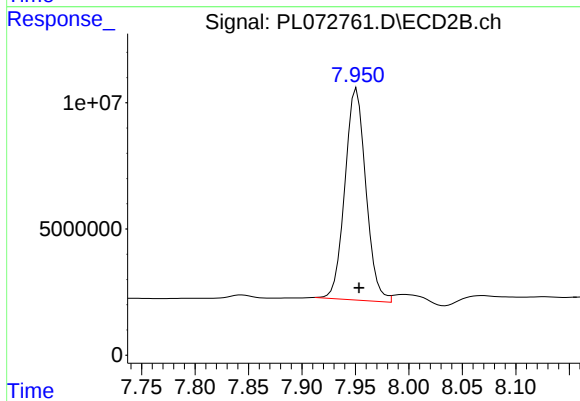
#7 delta-BHC

R.T.: 6.993 min  
Delta R.T.: -0.003 min  
Response: 119755028  
Conc: 52.27 ng/ml



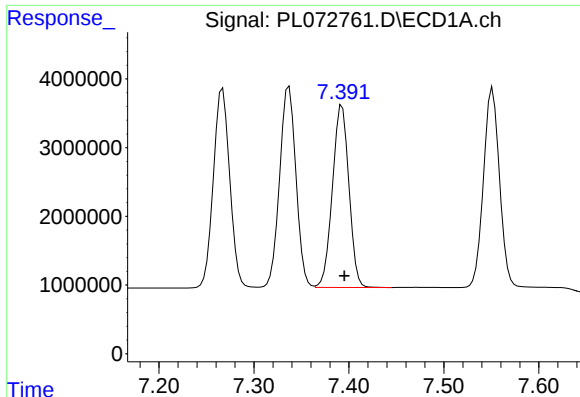
#8 Heptachlor epoxide

R.T.: 6.990 min  
Delta R.T.: -0.003 min  
Response: 34094959  
Conc: 54.08 ng/ml



#8 Heptachlor epoxide

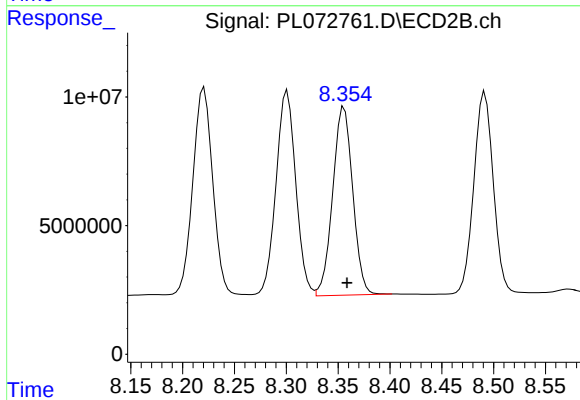
R.T.: 7.951 min  
Delta R.T.: -0.002 min  
Response: 114485598  
Conc: 59.34 ng/ml



#9 Endosulfan I

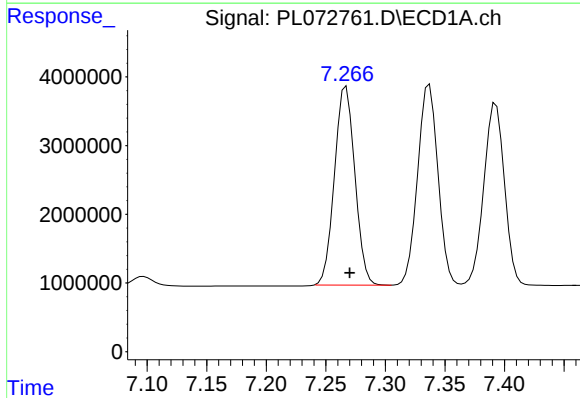
R.T.: 7.393 min  
Delta R.T.: -0.002 min  
Response: 32054818  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



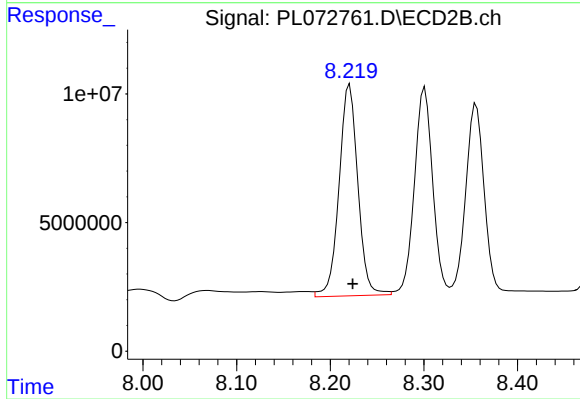
#9 Endosulfan I

R.T.: 8.356 min  
Delta R.T.: -0.003 min  
Response: 98603144  
Conc: 56.36 ng/ml



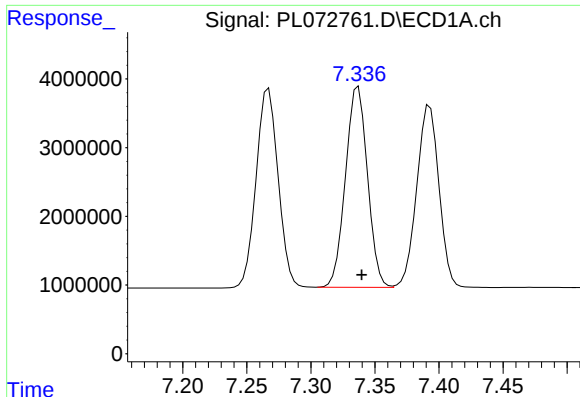
#10 gamma-Chlordane

R.T.: 7.267 min  
Delta R.T.: -0.003 min  
Response: 34398533  
Conc: 54.30 ng/ml



#10 gamma-Chlordane

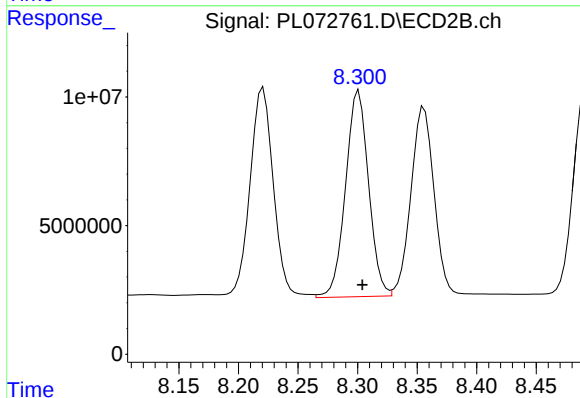
R.T.: 8.221 min  
Delta R.T.: -0.003 min  
Response: 114691596  
Conc: 59.29 ng/ml



#11 alpha-Chlordane

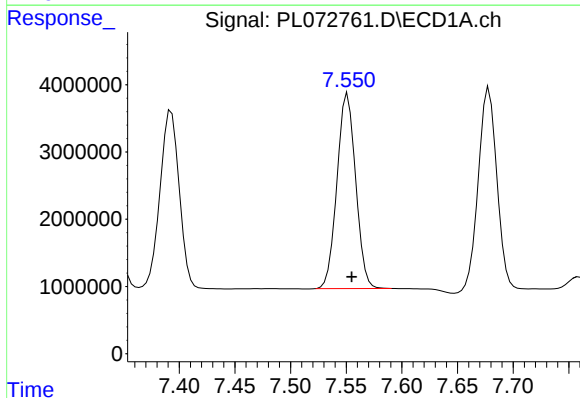
R.T.: 7.337 min  
Delta R.T.: -0.003 min  
Response: 34877545  
Conc: 54.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



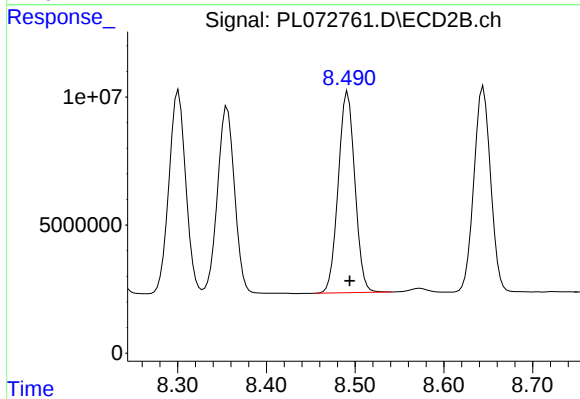
#11 alpha-Chlordane

R.T.: 8.301 min  
Delta R.T.: -0.003 min  
Response: 107920321  
Conc: 56.80 ng/ml



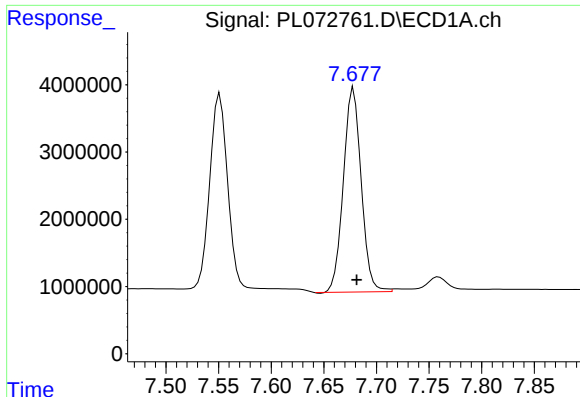
#12 4,4'-DDE

R.T.: 7.551 min  
Delta R.T.: -0.004 min  
Response: 33901025  
Conc: 55.79 ng/ml



#12 4,4'-DDE

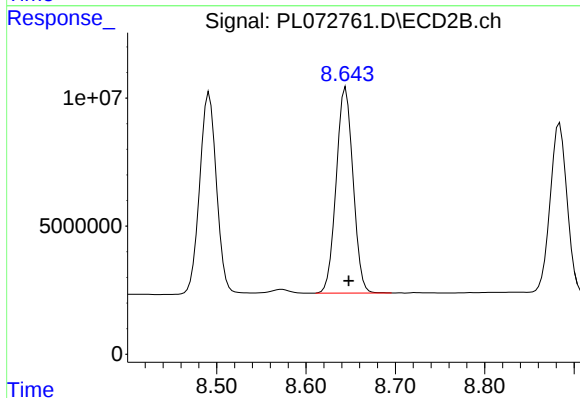
R.T.: 8.492 min  
Delta R.T.: -0.002 min  
Response: 102131267  
Conc: 54.64 ng/ml



#13 Dieldrin

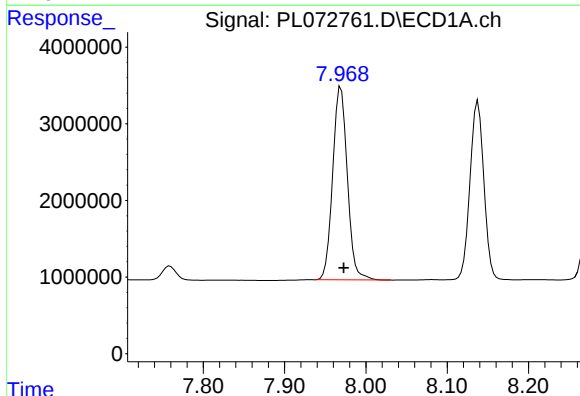
R.T.: 7.678 min  
Delta R.T.: -0.003 min  
Response: 35947978  
Conc: 56.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



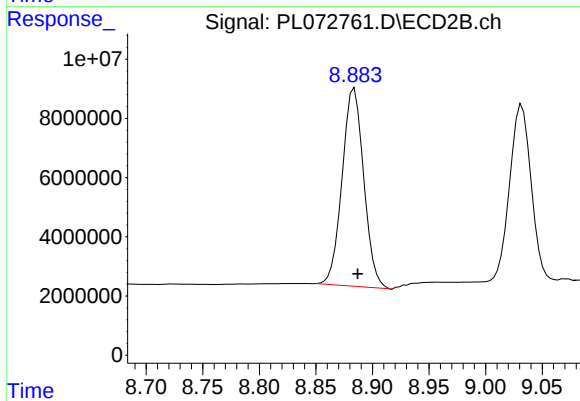
#13 Dieldrin

R.T.: 8.644 min  
Delta R.T.: -0.003 min  
Response: 104999130  
Conc: 56.34 ng/ml



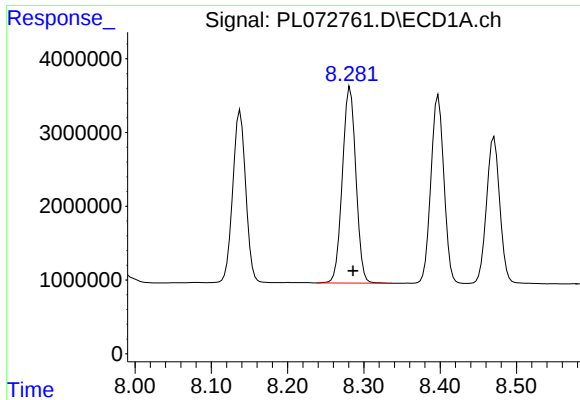
#14 Endrin

R.T.: 7.969 min  
Delta R.T.: -0.003 min  
Response: 31629442  
Conc: 53.99 ng/ml



#14 Endrin

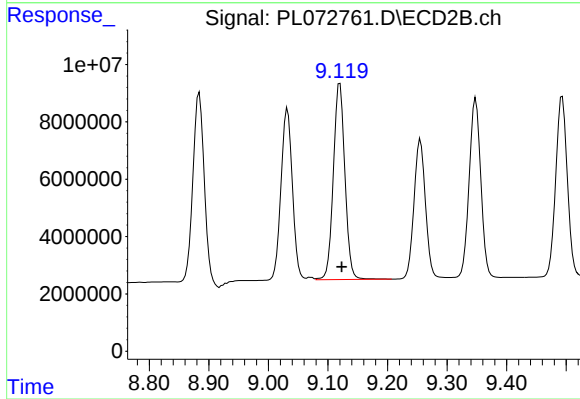
R.T.: 8.884 min  
Delta R.T.: -0.003 min  
Response: 88974268  
Conc: 56.47 ng/ml



#15 Endosulfan II

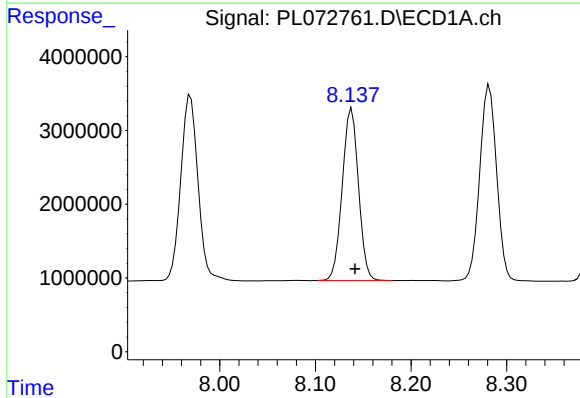
R.T.: 8.282 min  
Delta R.T.: -0.004 min  
Response: 32781355  
Conc: 53.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



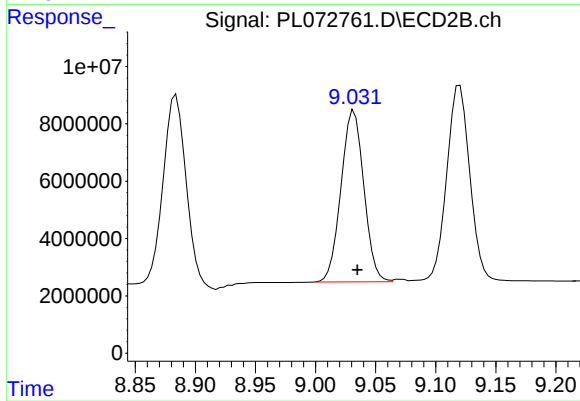
#15 Endosulfan II

R.T.: 9.120 min  
Delta R.T.: -0.003 min  
Response: 92455891  
Conc: 54.99 ng/ml



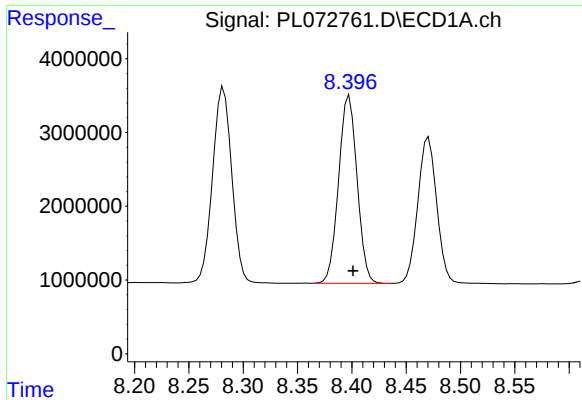
#16 4,4'-DDD

R.T.: 8.138 min  
Delta R.T.: -0.004 min  
Response: 27644545  
Conc: 57.46 ng/ml



#16 4,4'-DDD

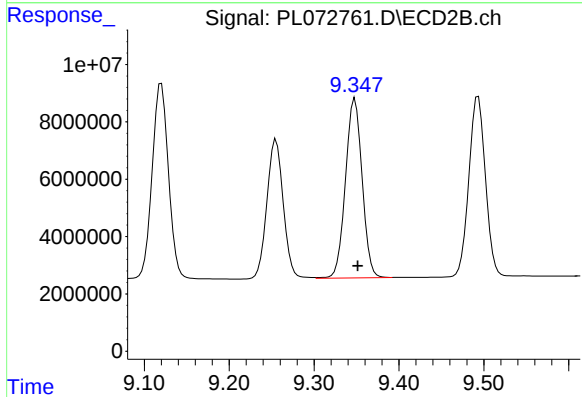
R.T.: 9.032 min  
Delta R.T.: -0.003 min  
Response: 79200360  
Conc: 57.23 ng/ml



#17 4,4'-DDT

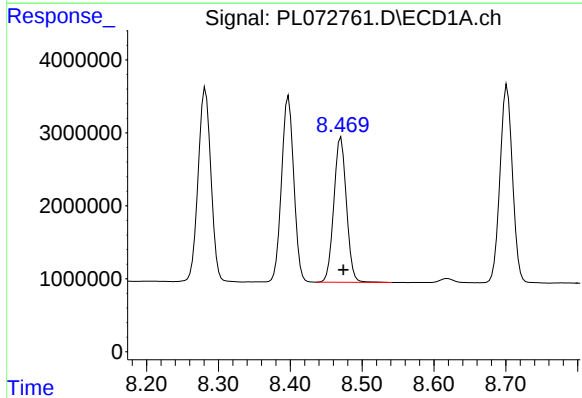
R.T.: 8.398 min  
Delta R.T.: -0.004 min  
Response: 30115194  
Conc: 55.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



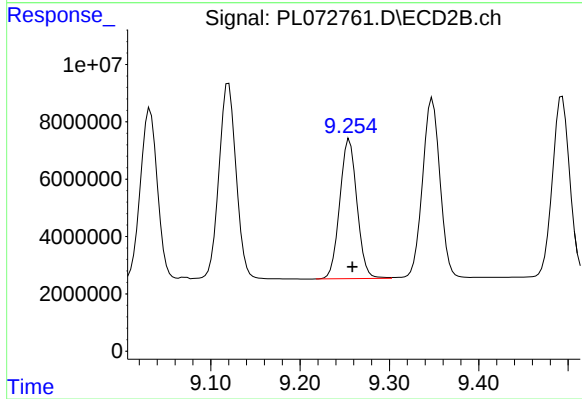
#17 4,4'-DDT

R.T.: 9.348 min  
Delta R.T.: -0.003 min  
Response: 85094401  
Conc: 55.59 ng/ml



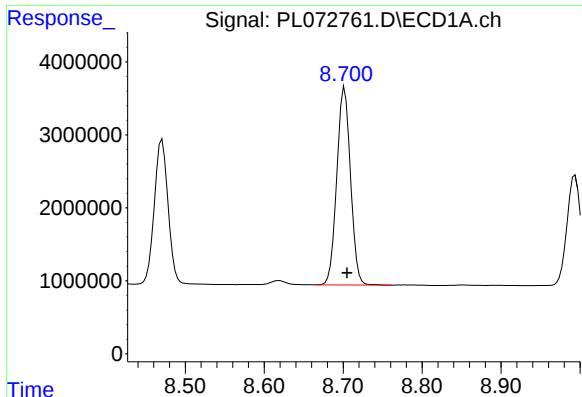
#18 Endrin aldehyde

R.T.: 8.471 min  
Delta R.T.: -0.003 min  
Response: 24149495  
Conc: 55.40 ng/ml



#18 Endrin aldehyde

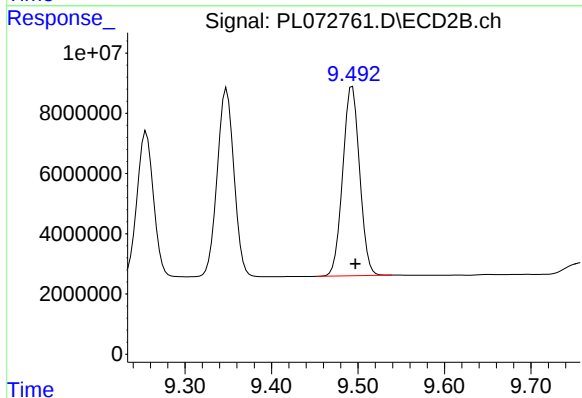
R.T.: 9.255 min  
Delta R.T.: -0.003 min  
Response: 65164071  
Conc: 57.90 ng/ml



#19 Endosulfan Sulfate

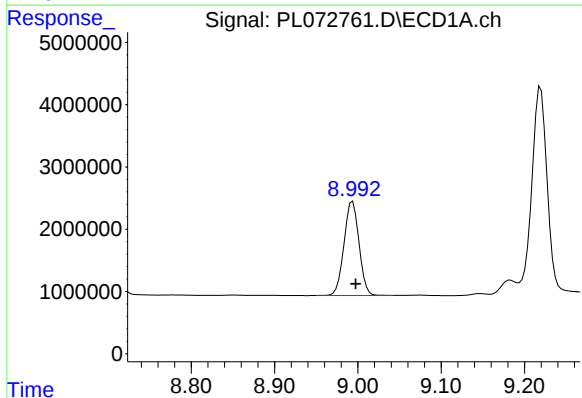
R.T.: 8.702 min  
Delta R.T.: -0.003 min  
Response: 32673188  
Conc: 54.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



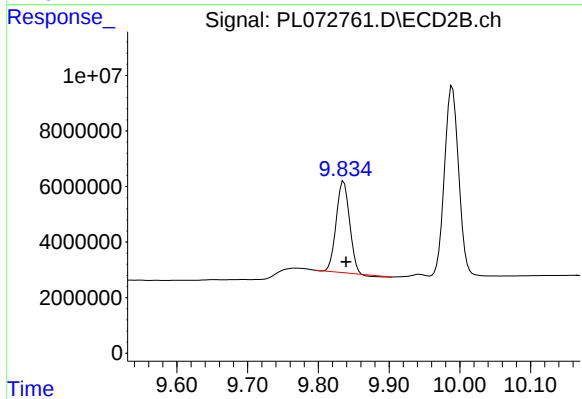
#19 Endosulfan Sulfate

R.T.: 9.493 min  
Delta R.T.: -0.004 min  
Response: 84979410  
Conc: 56.81 ng/ml



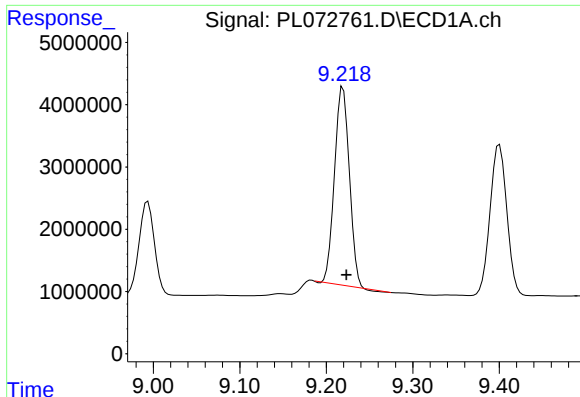
#20 Methoxychlor

R.T.: 8.994 min  
Delta R.T.: -0.004 min  
Response: 18902957  
Conc: 53.76 ng/ml



#20 Methoxychlor

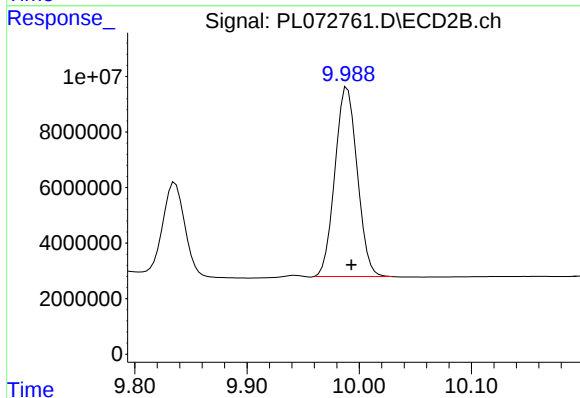
R.T.: 9.836 min  
Delta R.T.: -0.004 min  
Response: 42691290  
Conc: 52.73 ng/ml



#21 Endrin ketone

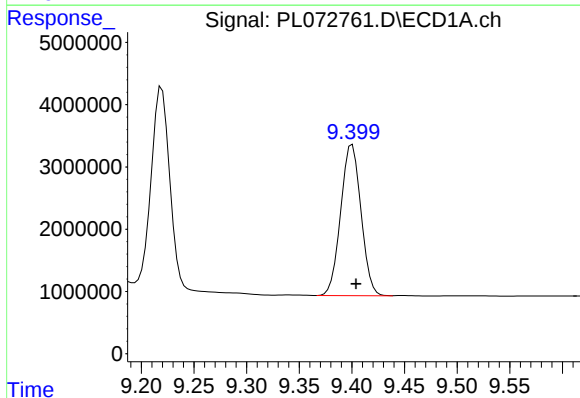
R.T.: 9.219 min  
Delta R.T.: -0.004 min  
Response: 37466018  
Conc: 54.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



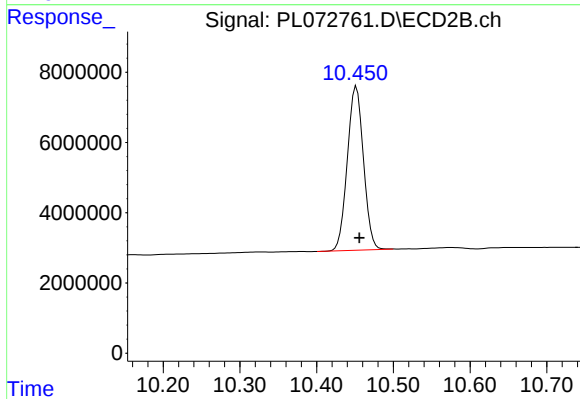
#21 Endrin ketone

R.T.: 9.989 min  
Delta R.T.: -0.003 min  
Response: 94314787  
Conc: 59.19 ng/ml



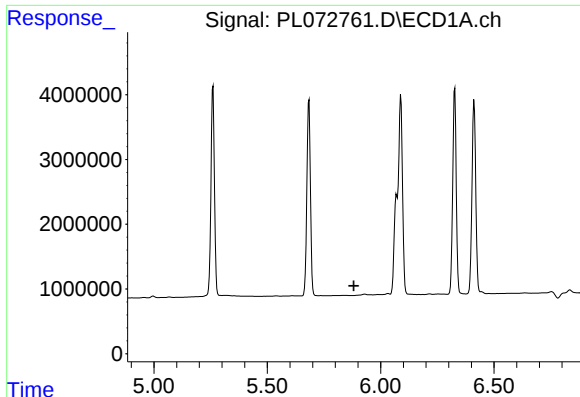
#22 Mirex

R.T.: 9.400 min  
Delta R.T.: -0.004 min  
Response: 32746153  
Conc: 55.20 ng/ml



#22 Mirex

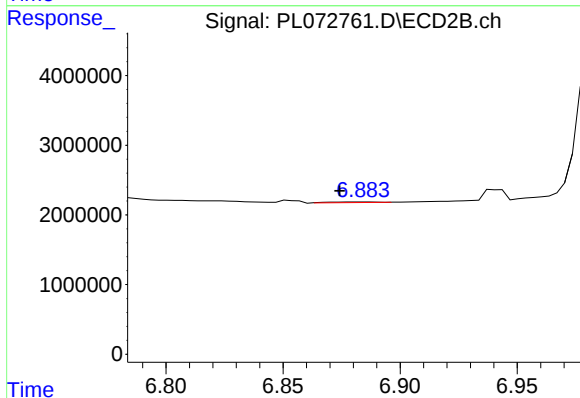
R.T.: 10.452 min  
Delta R.T.: -0.004 min  
Response: 68707817  
Conc: 58.53 ng/ml



#23 Chlordane-1

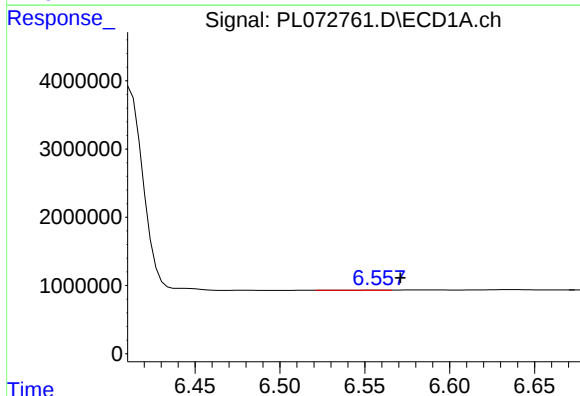
R.T.: 0.000 min  
Exp R.T.: 5.881 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



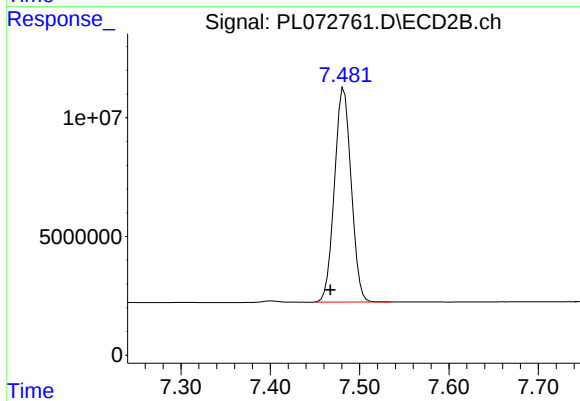
#23 Chlordane-1

R.T.: 6.884 min  
Delta R.T.: 0.010 min  
Response: 130285  
Conc: 1.82 ng/ml



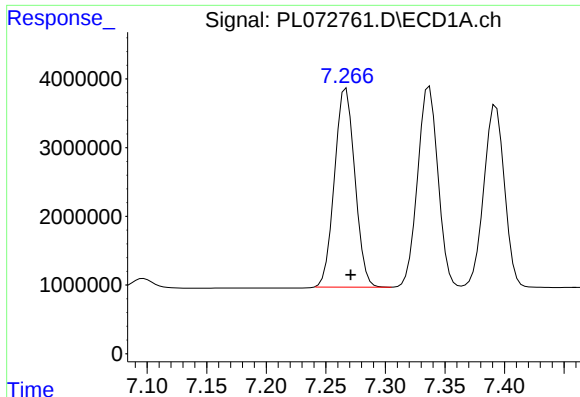
#24 Chlordane-2

R.T.: 6.559 min  
Delta R.T.: -0.012 min  
Response: 30662  
Conc: 1.21 ng/ml



#24 Chlordane-2

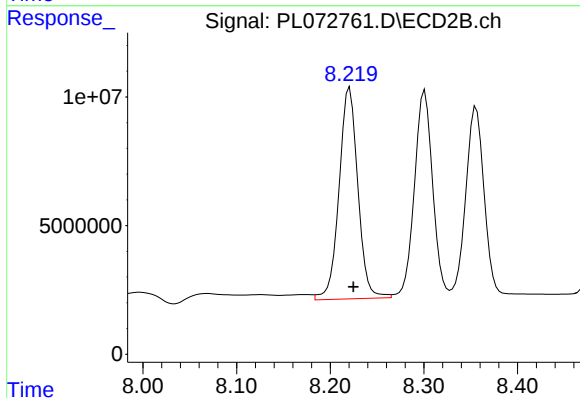
R.T.: 7.482 min  
Delta R.T.: 0.015 min  
Response: 117125102  
Conc: 1520.89 ng/ml



#25 Chlordane-3

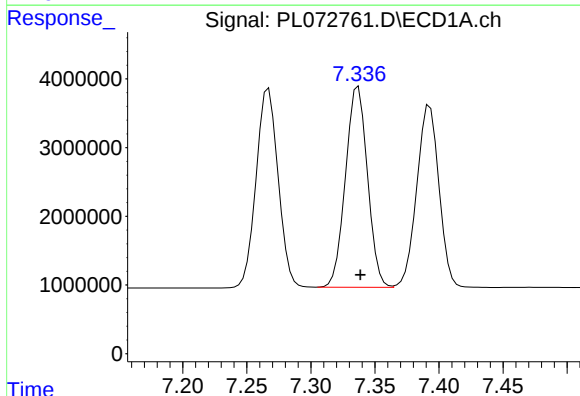
R.T.: 7.267 min  
Delta R.T.: -0.004 min  
Response: 34398533  
Conc: 510.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



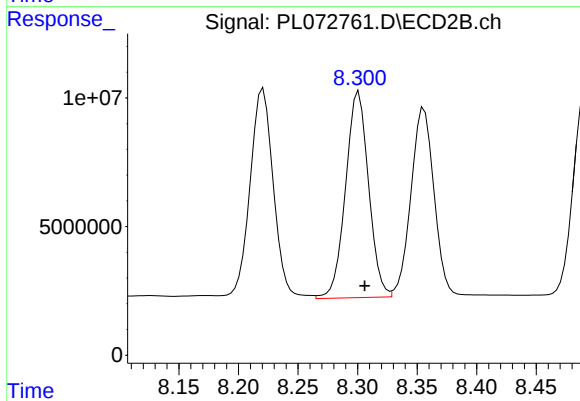
#25 Chlordane-3

R.T.: 8.221 min  
Delta R.T.: -0.004 min  
Response: 114691596  
Conc: 383.79 ng/ml



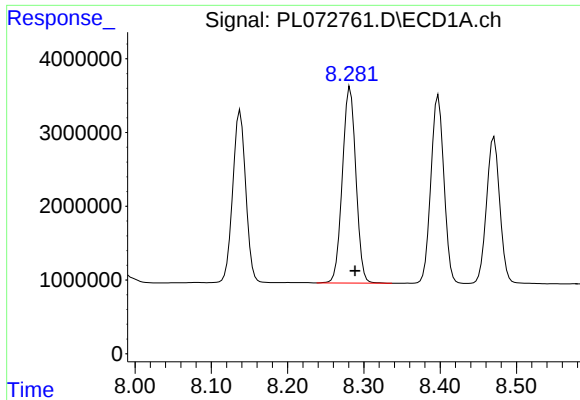
#26 Chlordane-4

R.T.: 7.337 min  
Delta R.T.: -0.002 min  
Response: 34877545  
Conc: 475.33 ng/ml



#26 Chlordane-4

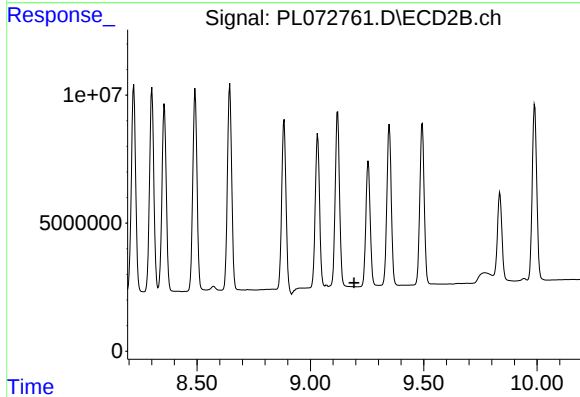
R.T.: 8.301 min  
Delta R.T.: -0.005 min  
Response: 107920321  
Conc: 302.47 ng/ml



#27 Chlordane-5

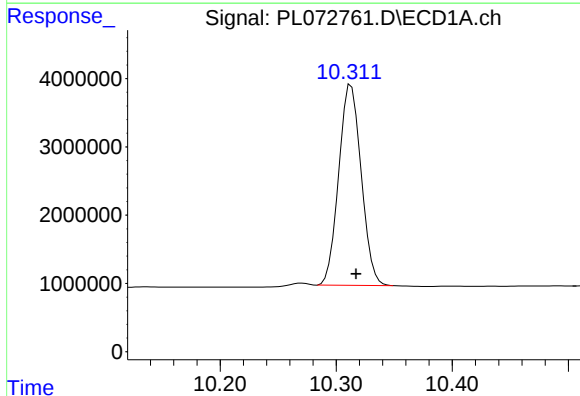
R.T.: 8.282 min  
Delta R.T.: -0.006 min  
Response: 32781355  
Conc: 1277.75 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



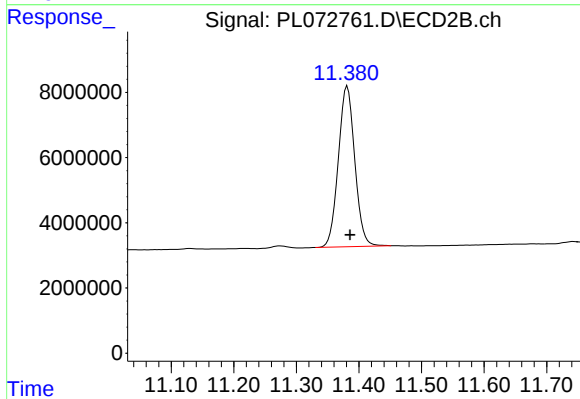
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.313 min  
Delta R.T.: -0.004 min  
Response: 39601245  
Conc: 52.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.381 min  
Delta R.T.: -0.005 min  
Response: 90234245  
Conc: 56.90 ng/ml