

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111921\  
 Data File : PL071068.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2021 09:52  
 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: Nov 22 05:11:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 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... | 4.572  | 5.499  | 23096111 | 60387079 | 47.154   | 47.894     |
| 28)                         | SA Decachlor... | 10.333 | 11.393 | 32218940 | 60831925 | 47.152   | 45.486     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.278  | 6.080  | 32361299 | 90515421 | 48.343   | 49.172     |
| 3)                          | MA gamma-BHC... | 5.700  | 6.476  | 31487498 | 85246462 | 46.941   | 49.160     |
| 4)                          | MA Heptachlor   | 6.107  | 7.123  | 33993541 | 85608979 | 47.377   | 52.706     |
| 5)                          | MB Aldrin       | 6.431  | 7.493  | 30348786 | 79526139 | 47.460   | 48.975     |
| 6)                          | B beta-BHC      | 6.083  | 6.733  | 15361645 | 41808811 | 47.291   | 48.795     |
| 7)                          | B delta-BHC     | 6.342  | 6.999  | 32106541 | 84275833 | 48.513   | 50.396     |
| 8)                          | B Heptachlo...  | 7.008  | 7.960  | 30195275 | 72728016 | 46.443   | 47.717     |
| 9)                          | A Endosulfan I  | 7.410  | 8.365  | 28688685 | 68759013 | 46.834   | 47.795     |
| 10)                         | B gamma-Chl...  | 7.285  | 8.230  | 30611525 | 74117963 | 46.114   | 47.869     |
| 11)                         | B alpha-Chl...  | 7.355  | 8.310  | 30856732 | 73057166 | 46.306   | 48.033     |
| 12)                         | B 4,4'-DDE      | 7.570  | 8.501  | 27633258 | 72586561 | 47.429   | 49.194     |
| 13)                         | MA Dieldrin     | 7.696  | 8.654  | 29289972 | 71668802 | 46.923   | 49.185     |
| 14)                         | MA Endrin       | 7.987  | 8.893  | 27193852 | 61415889 | 47.964   | 53.022     |
| 15)                         | B Endosulfa...  | 8.298  | 9.128  | 27055756 | 60061953 | 44.695   | 49.177     |
| 16)                         | A 4,4'-DDD      | 8.155  | 9.040  | 24360148 | 55561405 | 47.944   | 46.169     |
| 17)                         | MA 4,4'-DDT     | 8.416  | 9.357  | 26652846 | 64201757 | 48.462   | 50.890     |
| 18)                         | B Endrin al...  | 8.487  | 9.263  | 21305121 | 46913063 | 46.895   | 48.511     |
| 19)                         | B Endosulfa...  | 8.718  | 9.501  | 28676309 | 59679884 | 46.485   | 48.152     |
| 20)                         | A Methoxychlor  | 9.011  | 9.844  | 16938806 | 32410394 | 46.301   | 47.888     |
| 21)                         | B Endrin ke...  | 9.236  | 9.998  | 33759655 | 66252084 | 47.212   | 46.153     |
| 22)                         | Mirex           | 9.419  | 10.462 | 28574112 | 48545879 | 46.527   | 46.607     |
| 24)                         | Chlordane-2     | 0.000  | 7.493f | 0        | 79526139 | N.D.     | 1516.086 # |
| 25)                         | Chlordane-3     | 7.285  | 8.230  | 30611525 | 74117963 | 501.393  | 366.688 #  |
| 26)                         | Chlordane-4     | 7.355  | 8.310  | 30856732 | 73057166 | 470.016  | 301.055 #  |
| 27)                         | Chlordane-5     | 8.298  | 0.000  | 27055756 | 0        | 1210.122 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

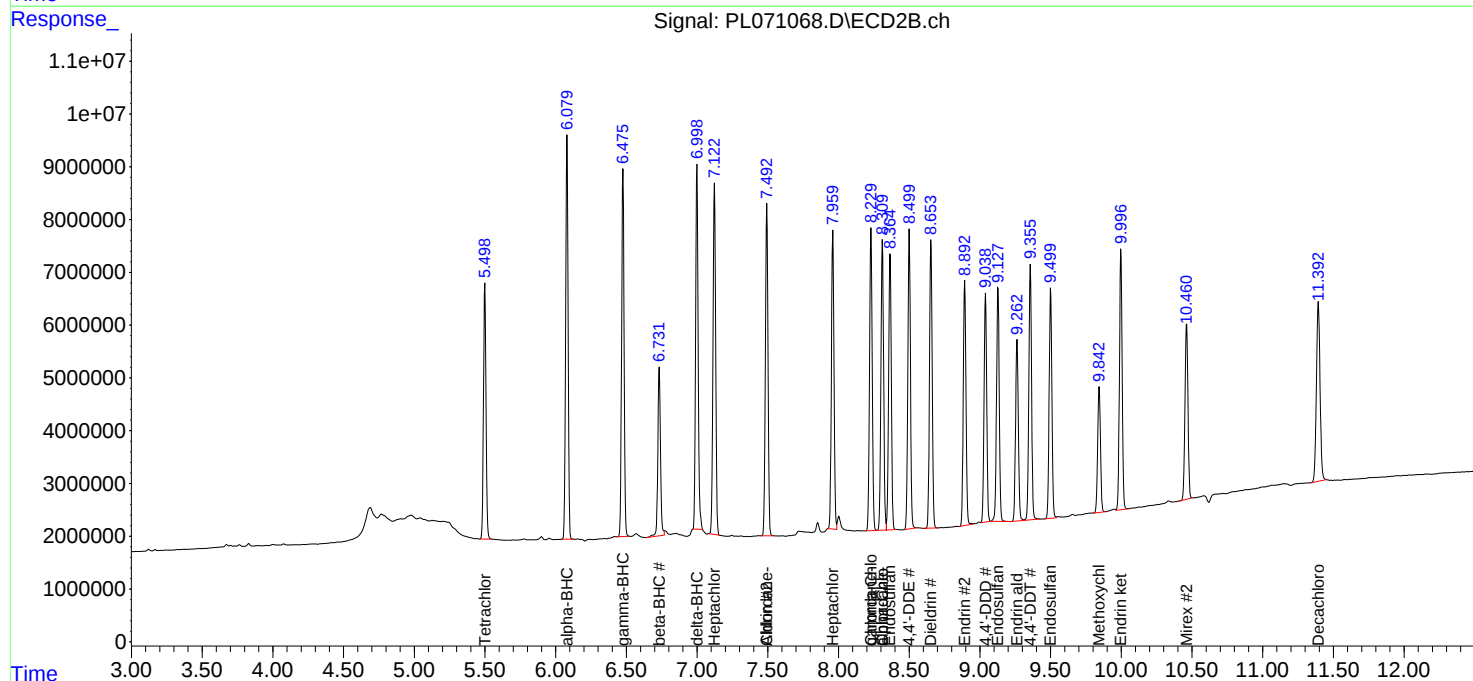
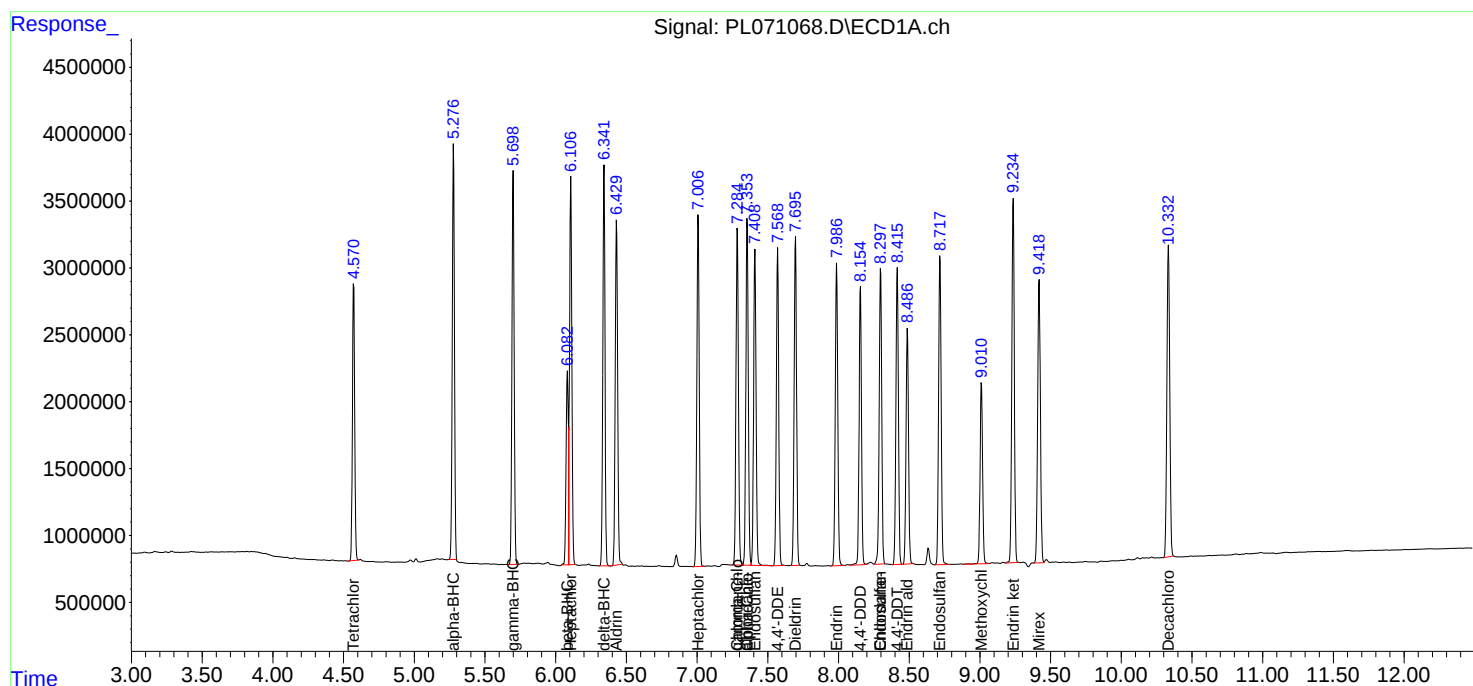
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

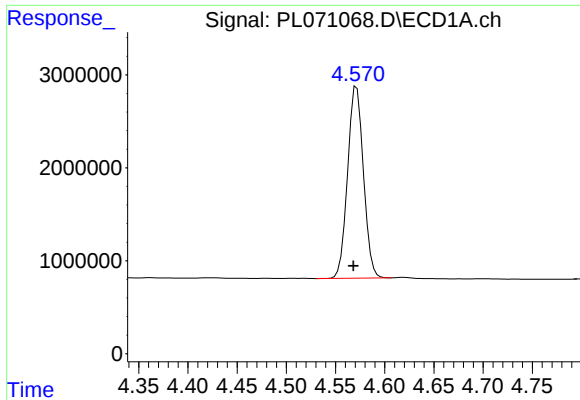
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111921\  
Data File : PL071068.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2021 09:52  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 05:11:01 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 04 19:28:07 2021  
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

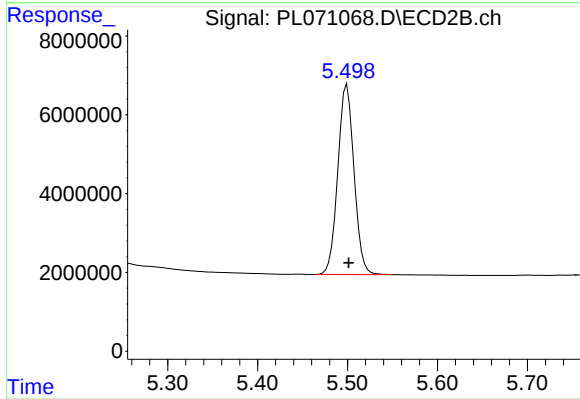




#1 Tetrachloro-m-xylene

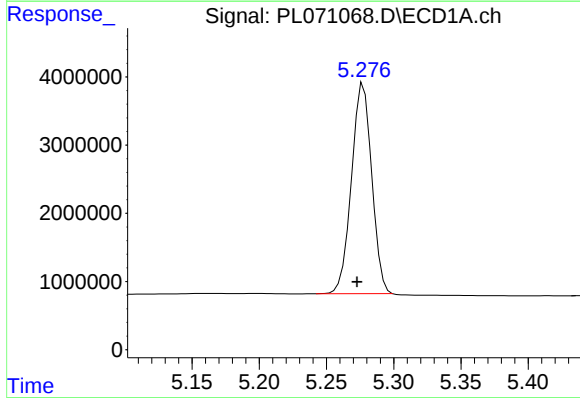
R.T.: 4.572 min  
Delta R.T.: 0.004 min  
Response: 23096111  
Conc: 47.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



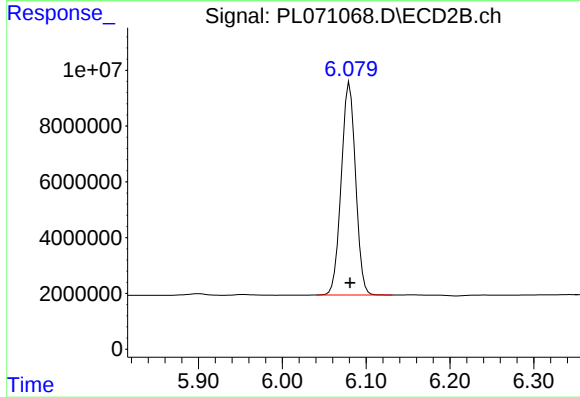
#1 Tetrachloro-m-xylene

R.T.: 5.499 min  
Delta R.T.: -0.002 min  
Response: 60387079  
Conc: 47.89 ng/ml



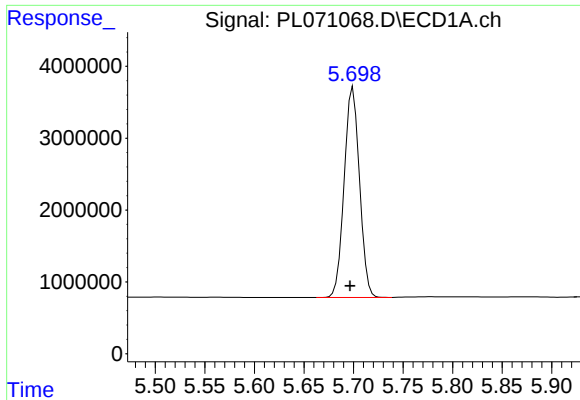
#2 alpha-BHC

R.T.: 5.278 min  
Delta R.T.: 0.005 min  
Response: 32361299  
Conc: 48.34 ng/ml



#2 alpha-BHC

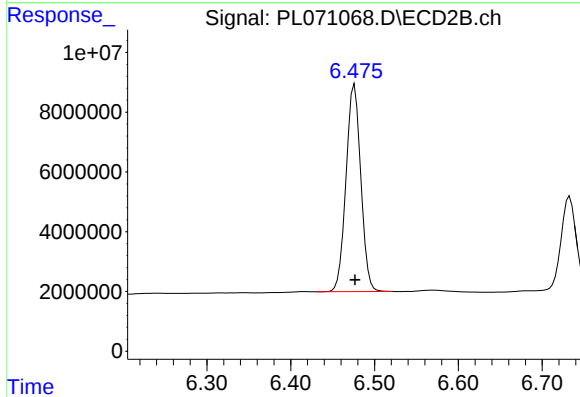
R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 90515421  
Conc: 49.17 ng/ml



#3 gamma-BHC (Lindane)

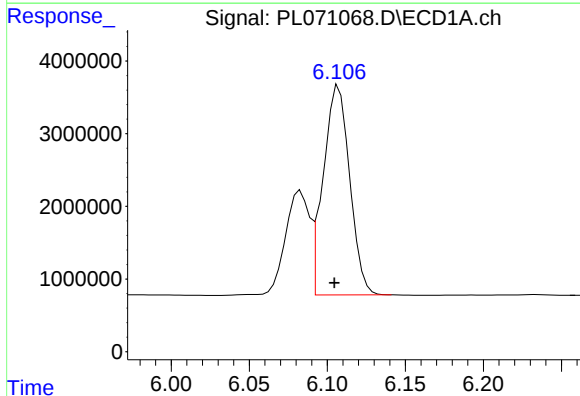
R.T.: 5.700 min  
Delta R.T.: 0.003 min  
Response: 31487498  
Conc: 46.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



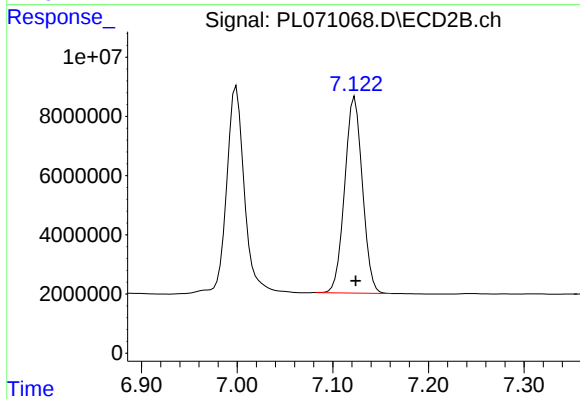
#3 gamma-BHC (Lindane)

R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 85246462  
Conc: 49.16 ng/ml



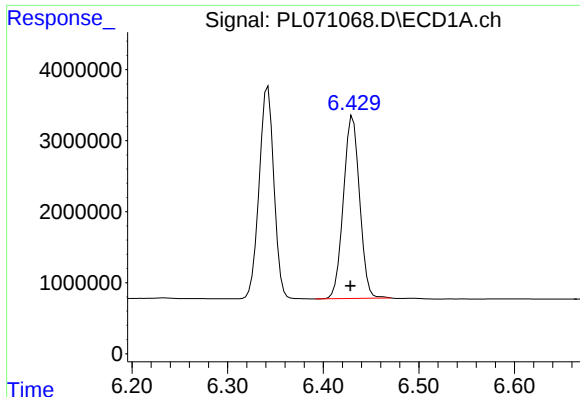
#4 Heptachlor

R.T.: 6.107 min  
Delta R.T.: 0.003 min  
Response: 33993541  
Conc: 47.38 ng/ml



#4 Heptachlor

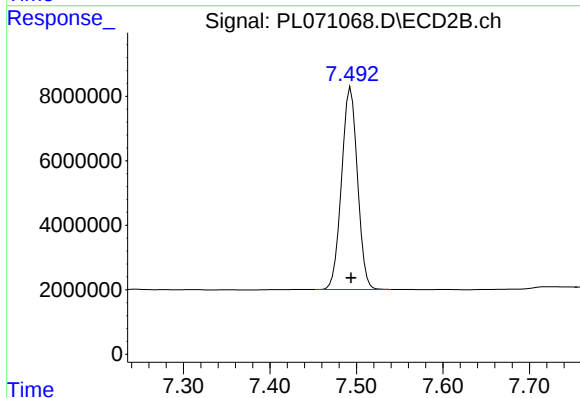
R.T.: 7.123 min  
Delta R.T.: 0.000 min  
Response: 85608979  
Conc: 52.71 ng/ml



#5 Aldrin

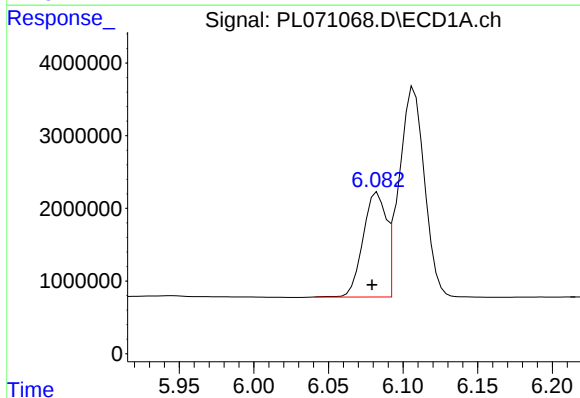
R.T.: 6.431 min  
Delta R.T.: 0.003 min  
Response: 30348786  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



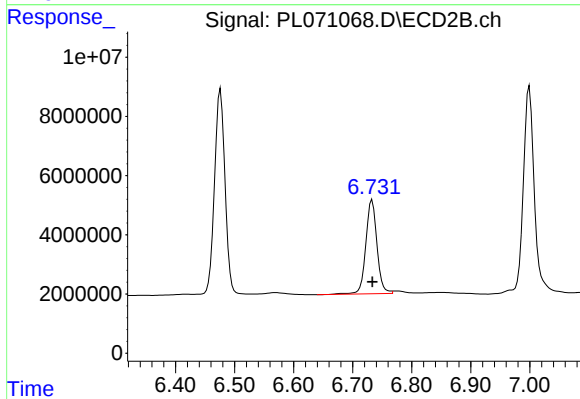
#5 Aldrin

R.T.: 7.493 min  
Delta R.T.: 0.000 min  
Response: 79526139  
Conc: 48.97 ng/ml



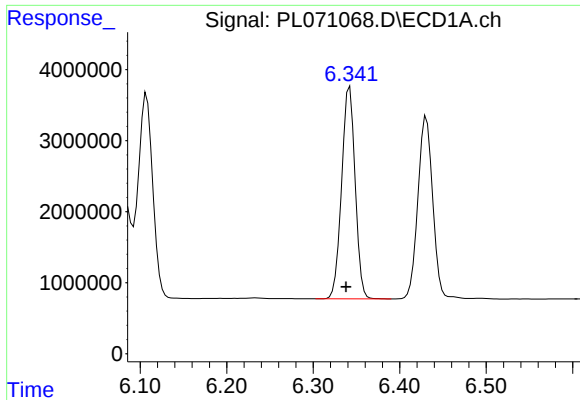
#6 beta-BHC

R.T.: 6.083 min  
Delta R.T.: 0.004 min  
Response: 15361645  
Conc: 47.29 ng/ml



#6 beta-BHC

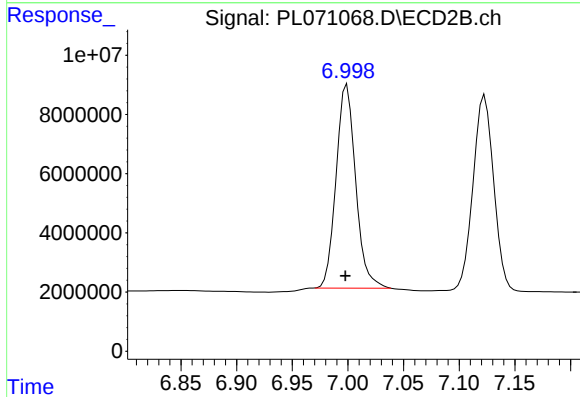
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 41808811  
Conc: 48.80 ng/ml



#7 delta-BHC

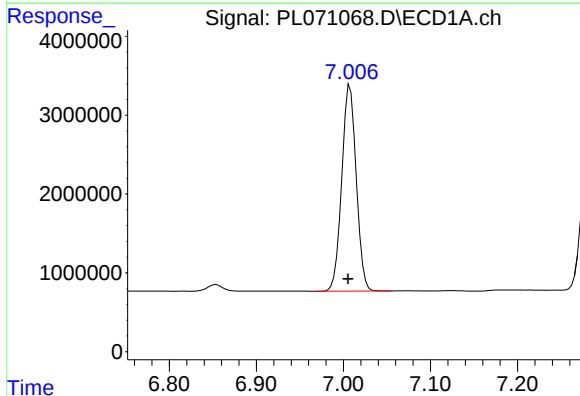
R.T.: 6.342 min  
Delta R.T.: 0.004 min  
Response: 32106541  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



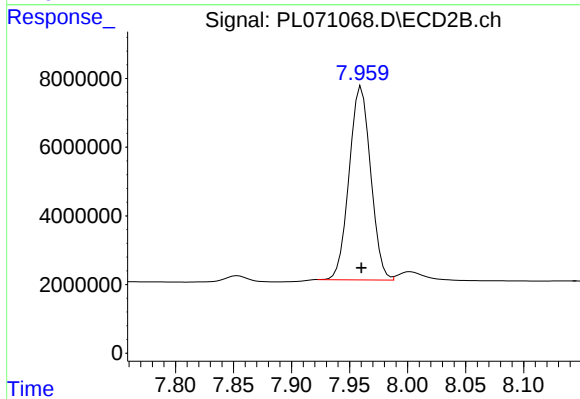
#7 delta-BHC

R.T.: 6.999 min  
Delta R.T.: 0.001 min  
Response: 84275833  
Conc: 50.40 ng/ml



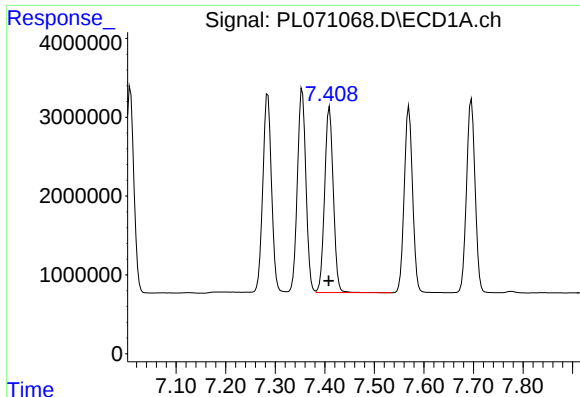
#8 Heptachlor epoxide

R.T.: 7.008 min  
Delta R.T.: 0.002 min  
Response: 30195275  
Conc: 46.44 ng/ml



#8 Heptachlor epoxide

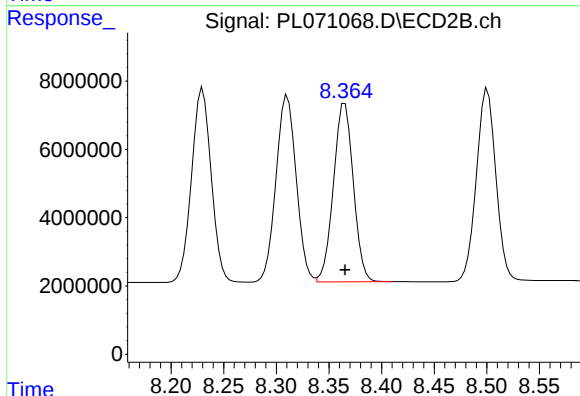
R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 72728016  
Conc: 47.72 ng/ml



#9 Endosulfan I

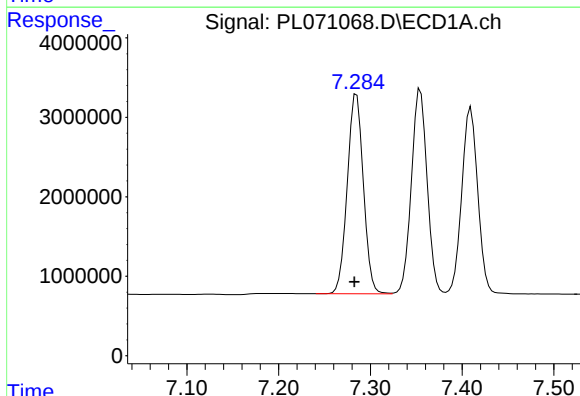
R.T.: 7.410 min  
Delta R.T.: 0.002 min  
Response: 28688685  
Conc: 46.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



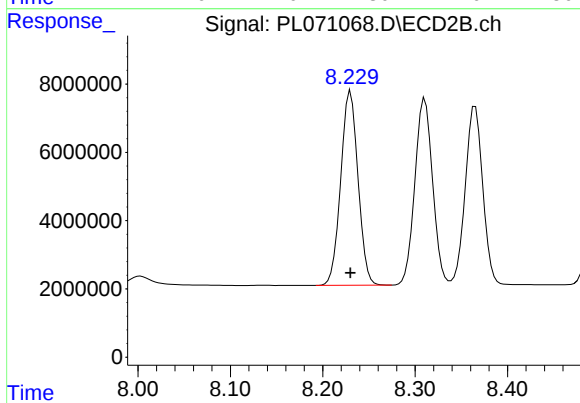
#9 Endosulfan I

R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 68759013  
Conc: 47.80 ng/ml



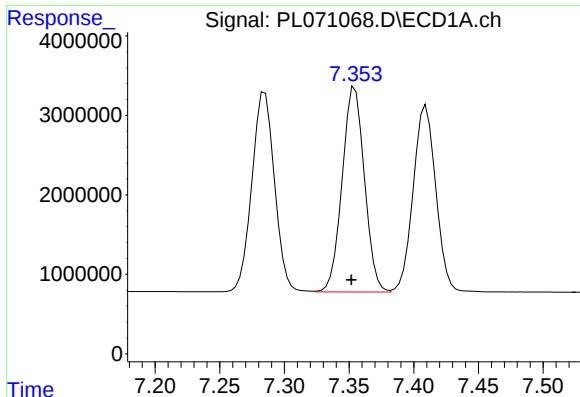
#10 gamma-Chlordane

R.T.: 7.285 min  
Delta R.T.: 0.002 min  
Response: 30611525  
Conc: 46.11 ng/ml



#10 gamma-Chlordane

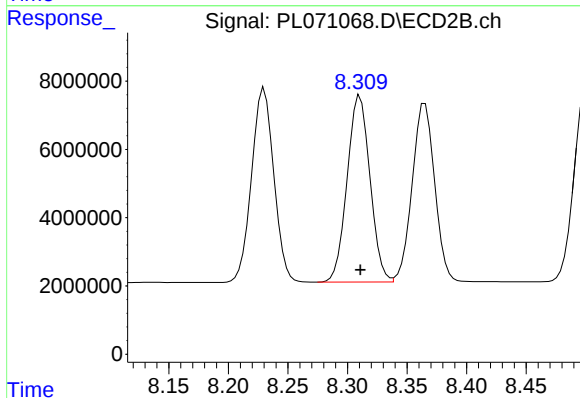
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 74117963  
Conc: 47.87 ng/ml



#11 alpha-Chlordane

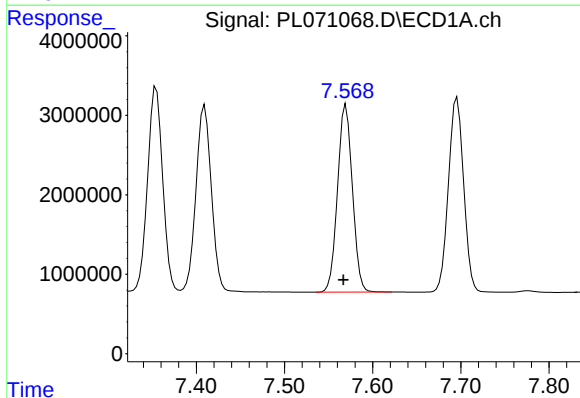
R.T.: 7.355 min  
Delta R.T.: 0.003 min  
Response: 30856732  
Conc: 46.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



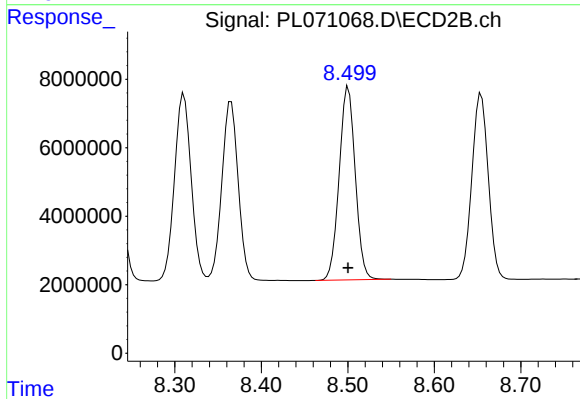
#11 alpha-Chlordane

R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 73057166  
Conc: 48.03 ng/ml



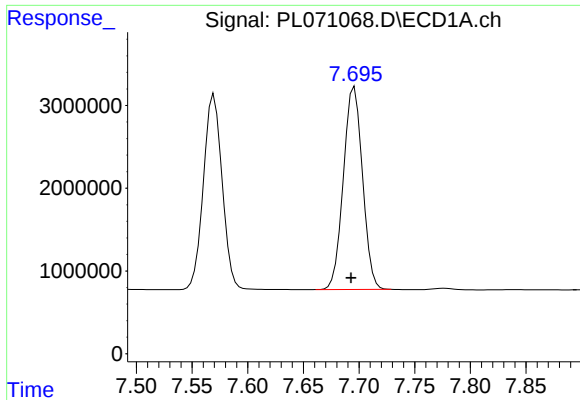
#12 4,4'-DDE

R.T.: 7.570 min  
Delta R.T.: 0.003 min  
Response: 27633258  
Conc: 47.43 ng/ml



#12 4,4'-DDE

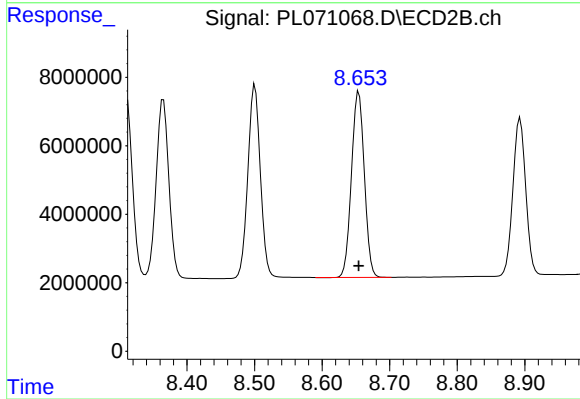
R.T.: 8.501 min  
Delta R.T.: 0.000 min  
Response: 72586561  
Conc: 49.19 ng/ml



#13 Dieldrin

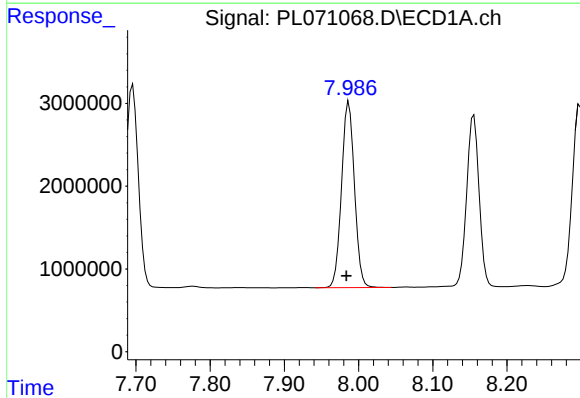
R.T.: 7.696 min  
Delta R.T.: 0.003 min  
Response: 29289972  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



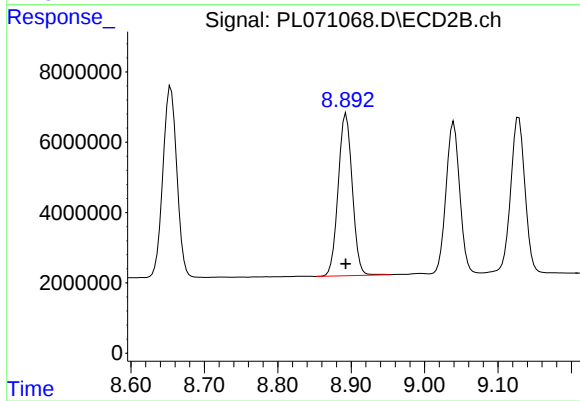
#13 Dieldrin

R.T.: 8.654 min  
Delta R.T.: 0.000 min  
Response: 71668802  
Conc: 49.18 ng/ml



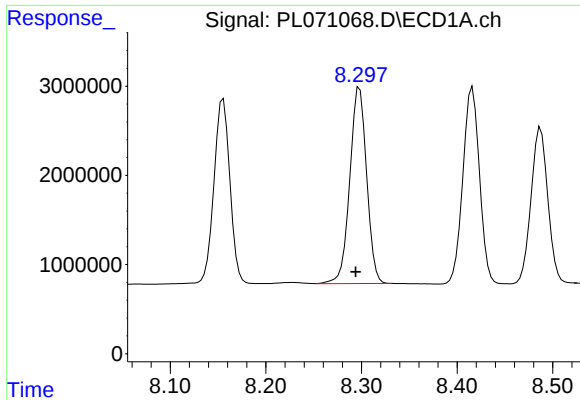
#14 Endrin

R.T.: 7.987 min  
Delta R.T.: 0.003 min  
Response: 27193852  
Conc: 47.96 ng/ml



#14 Endrin

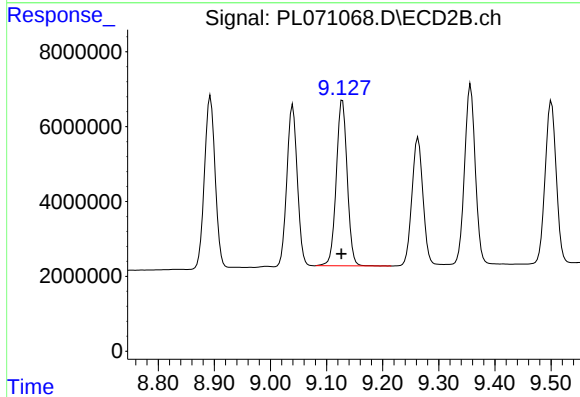
R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 61415889  
Conc: 53.02 ng/ml



#15 Endosulfan II

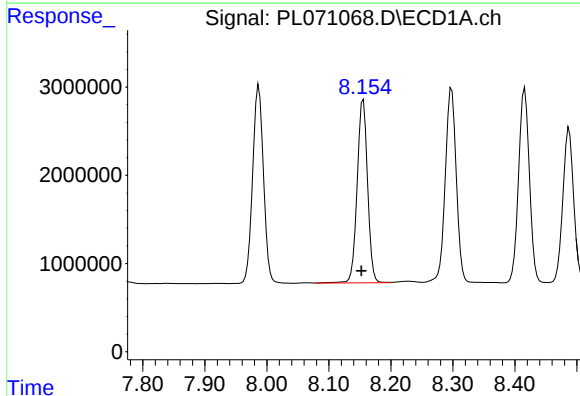
R.T.: 8.298 min  
Delta R.T.: 0.004 min  
Response: 27055756  
Conc: 44.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



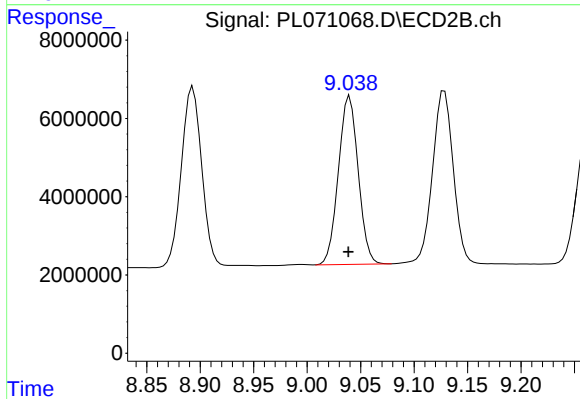
#15 Endosulfan II

R.T.: 9.128 min  
Delta R.T.: 0.002 min  
Response: 60061953  
Conc: 49.18 ng/ml



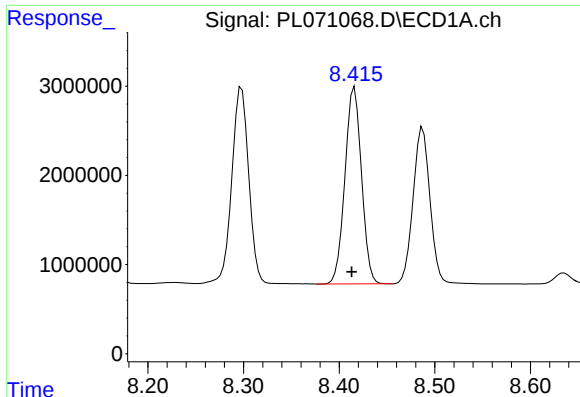
#16 4,4'-DDD

R.T.: 8.155 min  
Delta R.T.: 0.003 min  
Response: 24360148  
Conc: 47.94 ng/ml



#16 4,4'-DDD

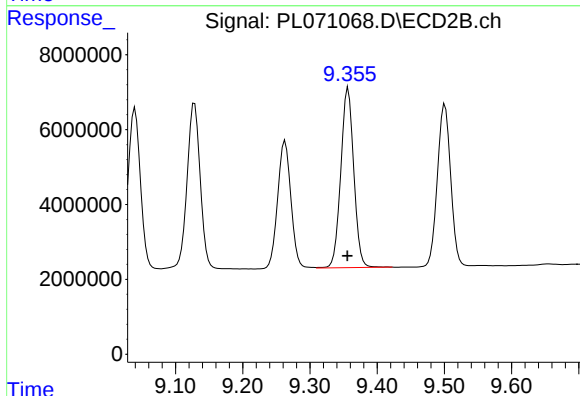
R.T.: 9.040 min  
Delta R.T.: 0.001 min  
Response: 55561405  
Conc: 46.17 ng/ml



#17 4,4'-DDT

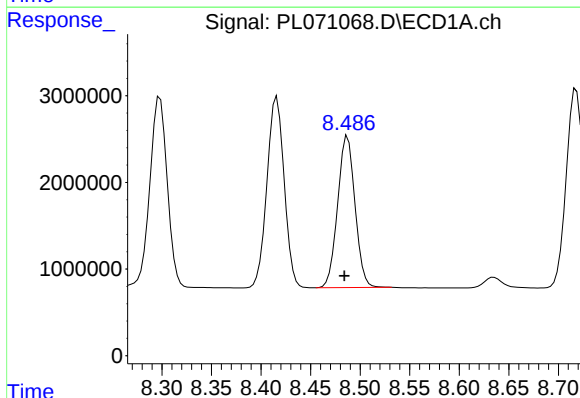
R.T.: 8.416 min  
Delta R.T.: 0.003 min  
Response: 26652846  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



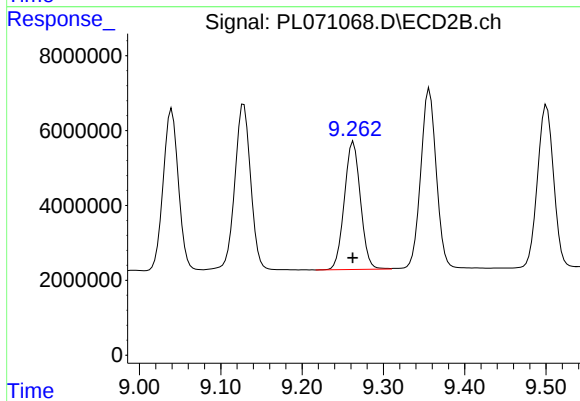
#17 4,4'-DDT

R.T.: 9.357 min  
Delta R.T.: 0.001 min  
Response: 64201757  
Conc: 50.89 ng/ml



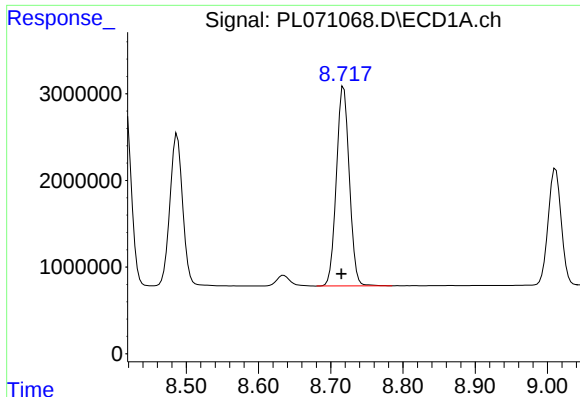
#18 Endrin aldehyde

R.T.: 8.487 min  
Delta R.T.: 0.003 min  
Response: 21305121  
Conc: 46.90 ng/ml



#18 Endrin aldehyde

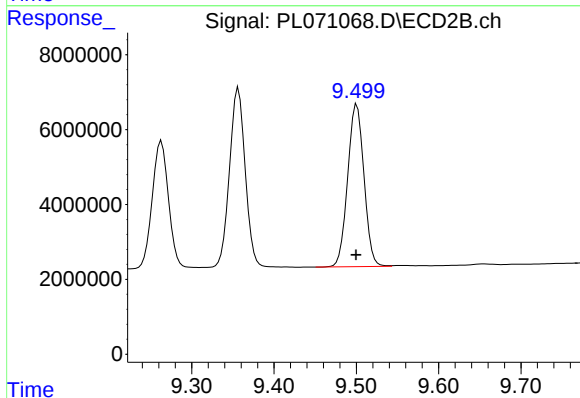
R.T.: 9.263 min  
Delta R.T.: 0.000 min  
Response: 46913063  
Conc: 48.51 ng/ml



#19 Endosulfan Sulfate

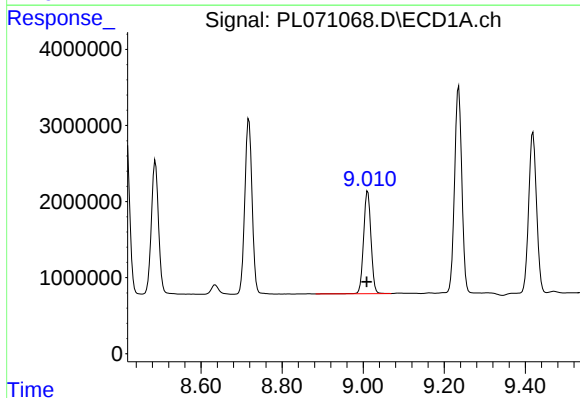
R.T.: 8.718 min  
Delta R.T.: 0.003 min  
Response: 28676309  
Conc: 46.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



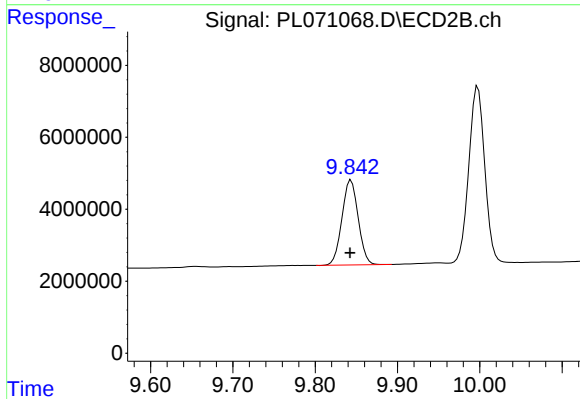
#19 Endosulfan Sulfate

R.T.: 9.501 min  
Delta R.T.: 0.001 min  
Response: 59679884  
Conc: 48.15 ng/ml



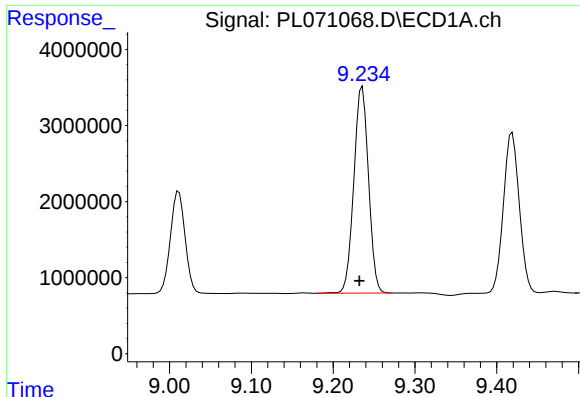
#20 Methoxychlor

R.T.: 9.011 min  
Delta R.T.: 0.003 min  
Response: 16938806  
Conc: 46.30 ng/ml



#20 Methoxychlor

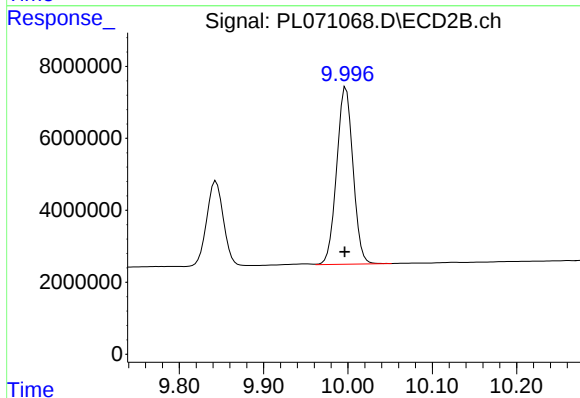
R.T.: 9.844 min  
Delta R.T.: 0.001 min  
Response: 32410394  
Conc: 47.89 ng/ml



#21 Endrin ketone

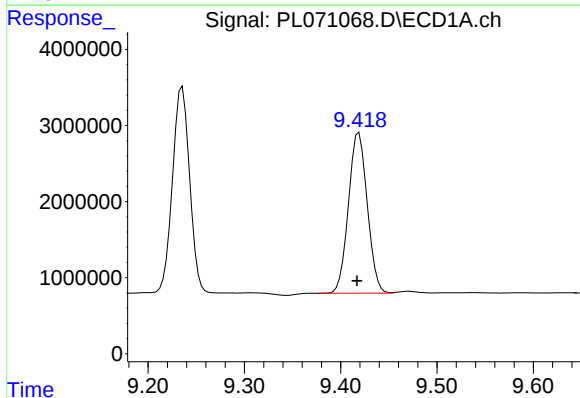
R.T.: 9.236 min  
Delta R.T.: 0.003 min  
Response: 33759655  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



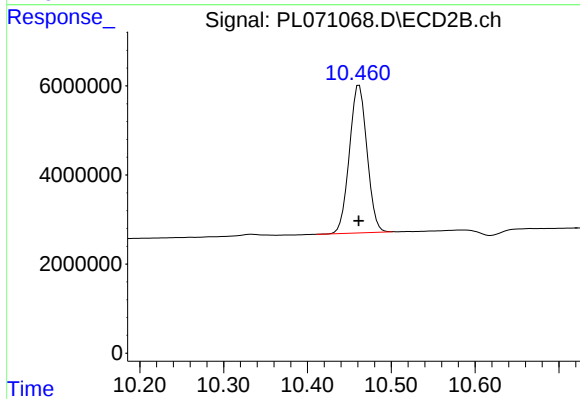
#21 Endrin ketone

R.T.: 9.998 min  
Delta R.T.: 0.001 min  
Response: 66252084  
Conc: 46.15 ng/ml



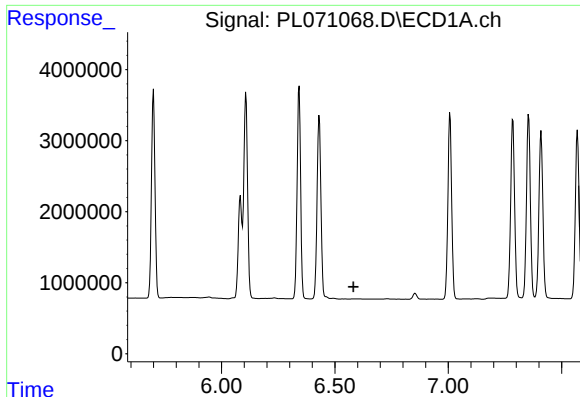
#22 Mirex

R.T.: 9.419 min  
Delta R.T.: 0.002 min  
Response: 28574112  
Conc: 46.53 ng/ml



#22 Mirex

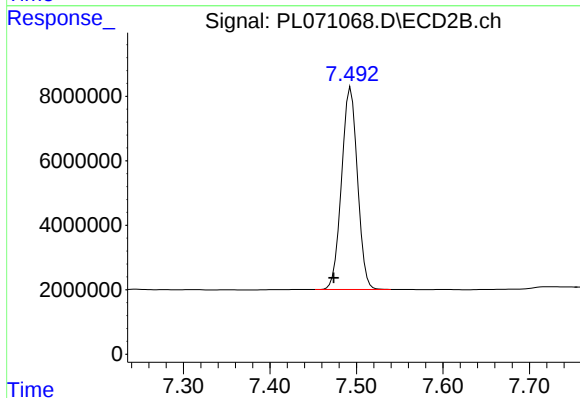
R.T.: 10.462 min  
Delta R.T.: 0.000 min  
Response: 48545879  
Conc: 46.61 ng/ml



#24 Chlordane-2

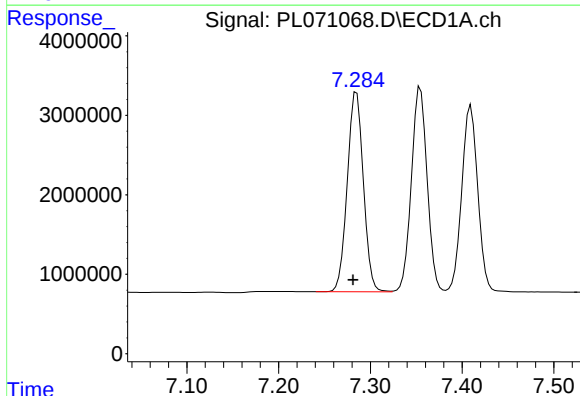
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



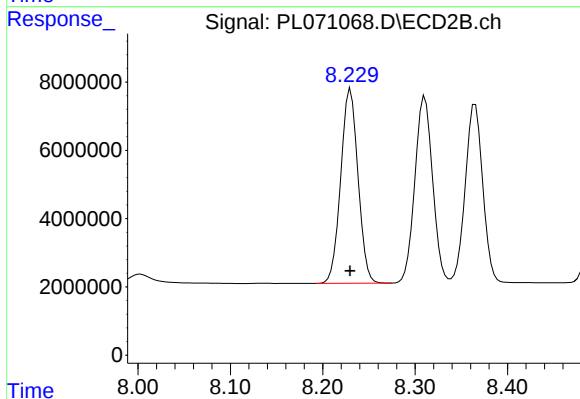
#24 Chlordane-2

R.T.: 7.493 min  
Delta R.T.: 0.020 min  
Response: 79526139  
Conc: 1516.09 ng/ml



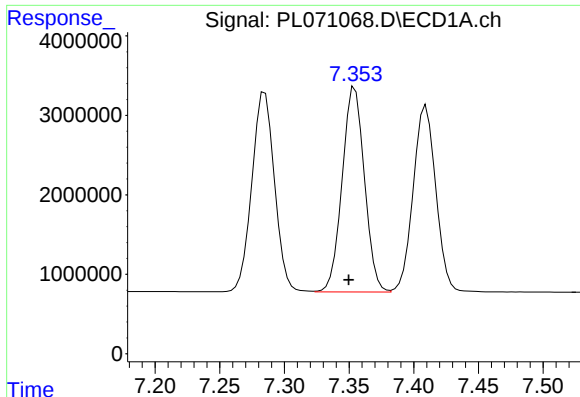
#25 Chlordane-3

R.T.: 7.285 min  
Delta R.T.: 0.004 min  
Response: 30611525  
Conc: 501.39 ng/ml



#25 Chlordane-3

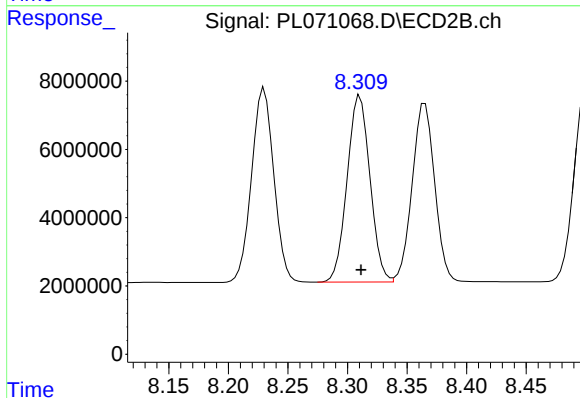
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 74117963  
Conc: 366.69 ng/ml



#26 Chlordane-4

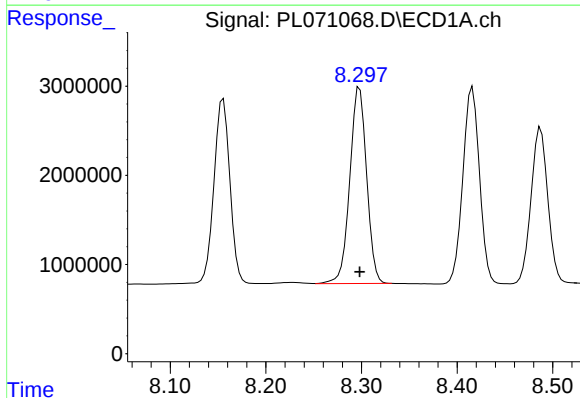
R.T.: 7.355 min  
Delta R.T.: 0.005 min  
Response: 30856732  
Conc: 470.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



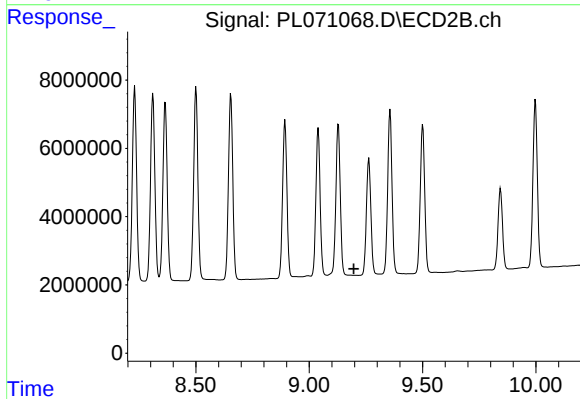
#26 Chlordane-4

R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 73057166  
Conc: 301.05 ng/ml



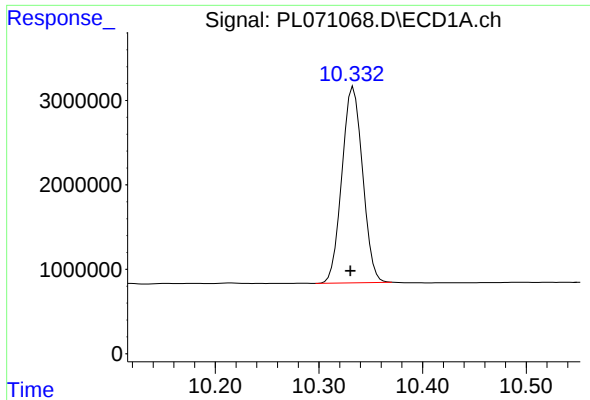
#27 Chlordane-5

R.T.: 8.298 min  
Delta R.T.: 0.000 min  
Response: 27055756  
Conc: 1210.12 ng/ml



#27 Chlordane-5

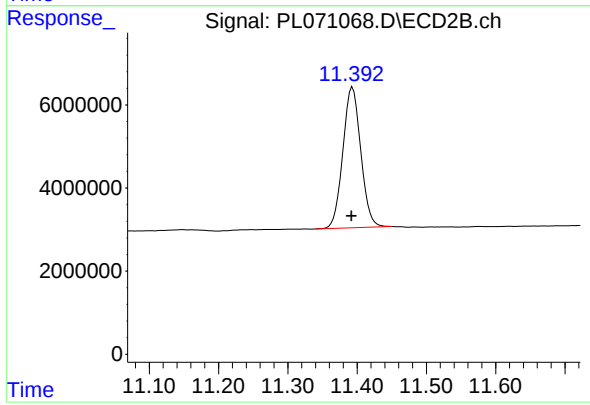
R.T.: 0.000 min  
Exp R.T. : 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.333 min  
Delta R.T.: 0.003 min  
Response: 32218940  
Conc: 47.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.393 min  
Delta R.T.: 0.002 min  
Response: 60831925  
Conc: 45.49 ng/ml