

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111721\  
 Data File : PL071014.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Nov 2021 11:21  
 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 18 00:47:32 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... | 4.573  | 5.499  | 25678580 | 62657410 | 52.426   | 49.694     |
| 28)                         | SA Decachlor... | 10.334 | 11.394 | 31640371 | 60680063 | 46.305   | 45.373     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.279  | 6.079  | 35271131 | 94504689 | 52.690   | 51.339     |
| 3)                          | MA gamma-BHC... | 5.702  | 6.475  | 33588332 | 87511773 | 50.073   | 50.467     |
| 4)                          | MA Heptachlor   | 6.109  | 7.123  | 35645655 | 87349896 | 49.680   | 53.778     |
| 5)                          | MB Aldrin       | 6.433  | 7.493  | 32776117 | 82801378 | 51.255   | 50.991     |
| 6)                          | B beta-BHC      | 6.084  | 6.732  | 16323618 | 39571148 | 50.252   | 46.184     |
| 7)                          | B delta-BHC     | 6.343  | 6.998  | 34098637 | 86053228 | 51.523   | 51.459     |
| 8)                          | B Heptachlo...  | 7.010  | 7.960  | 32080580 | 76174526 | 49.343   | 49.978     |
| 9)                          | A Endosulfan I  | 7.412  | 8.365  | 30650138 | 71751536 | 50.036   | 49.875     |
| 10)                         | B gamma-Chl...  | 7.287  | 8.231  | 32869453 | 77930845 | 49.515   | 50.331     |
| 11)                         | B alpha-Chl...  | 7.356  | 8.310  | 32920690 | 76579703 | 49.403   | 50.349     |
| 12)                         | B 4,4'-DDE      | 7.572  | 8.500  | 29277585 | 75550923 | 50.251   | 51.203     |
| 13)                         | MA Dieldrin     | 7.698  | 8.655  | 31233737 | 73329555 | 50.037   | 50.325     |
| 14)                         | MA Endrin       | 7.989  | 8.893  | 27548430 | 59827385 | 48.589   | 51.651     |
| 15)                         | B Endosulfa...  | 8.300  | 9.129  | 28648376 | 60890186 | 47.326   | 49.855     |
| 16)                         | A 4,4'-DDD      | 8.158  | 9.040  | 26393161 | 58761075 | 51.945   | 48.828     |
| 17)                         | MA 4,4'-DDT     | 8.418  | 9.357  | 26151060 | 59668154 | 47.549   | 47.297     |
| 18)                         | B Endrin al...  | 8.489  | 9.263  | 21996706 | 46429919 | 48.417   | 48.012     |
| 19)                         | B Endosulfa...  | 8.719  | 9.501  | 30121987 | 59515436 | 48.829   | 48.019     |
| 20)                         | A Methoxychlor  | 9.013  | 9.844  | 16153789 | 29797773 | 44.155   | 44.027     |
| 21)                         | B Endrin ke...  | 9.237  | 9.997  | 35650231 | 66030860 | 49.856   | 45.999     |
| 22)                         | Mirex           | 9.421  | 10.462 | 29672310 | 47737161 | 48.316   | 45.830     |
| 24)                         | Chlordane-2     | 0.000  | 7.493f | 0        | 82801378 | N.D.     | 1578.525 # |
| 25)                         | Chlordane-3     | 7.287  | 8.231  | 32869453 | 77930845 | 538.376  | 385.552 #  |
| 26)                         | Chlordane-4     | 7.356  | 8.310  | 32920690 | 76579703 | 501.455  | 315.570 #  |
| 27)                         | Chlordane-5     | 8.300  | 0.000  | 28648376 | 0        | 1281.355 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

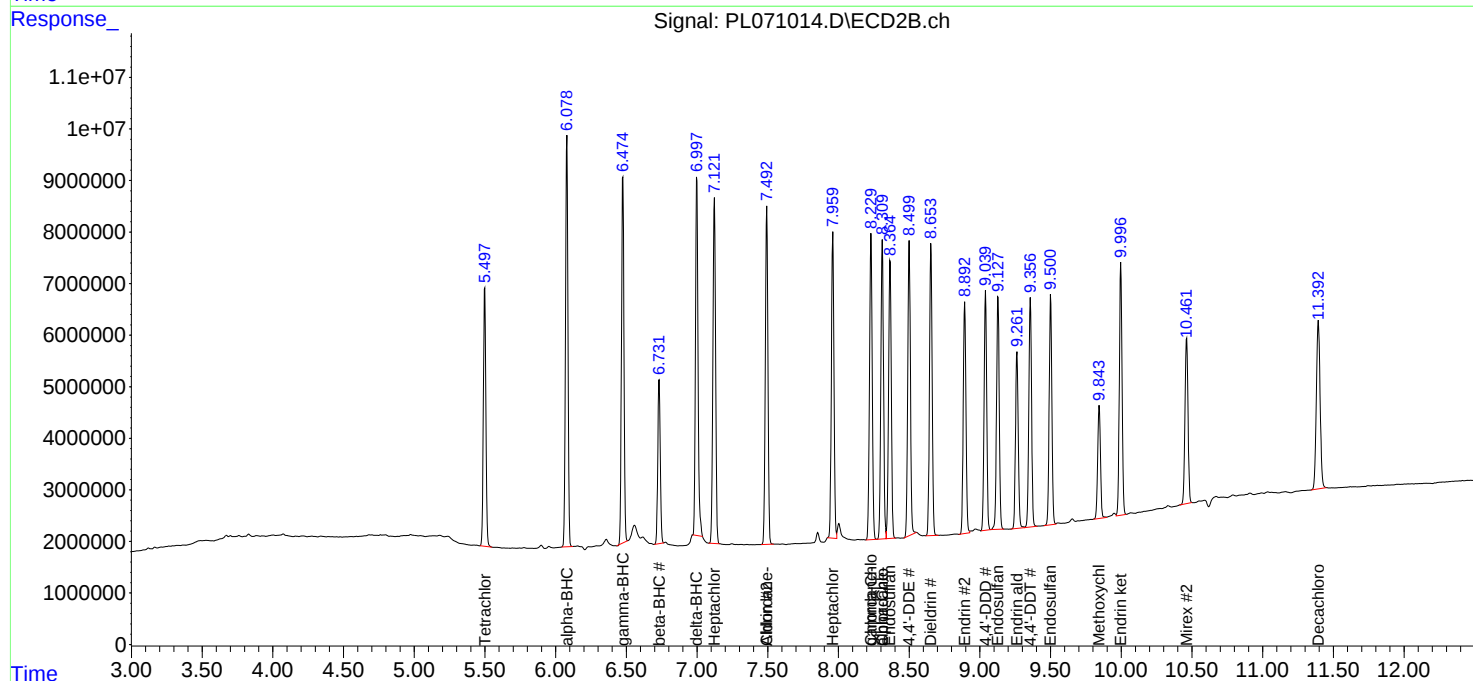
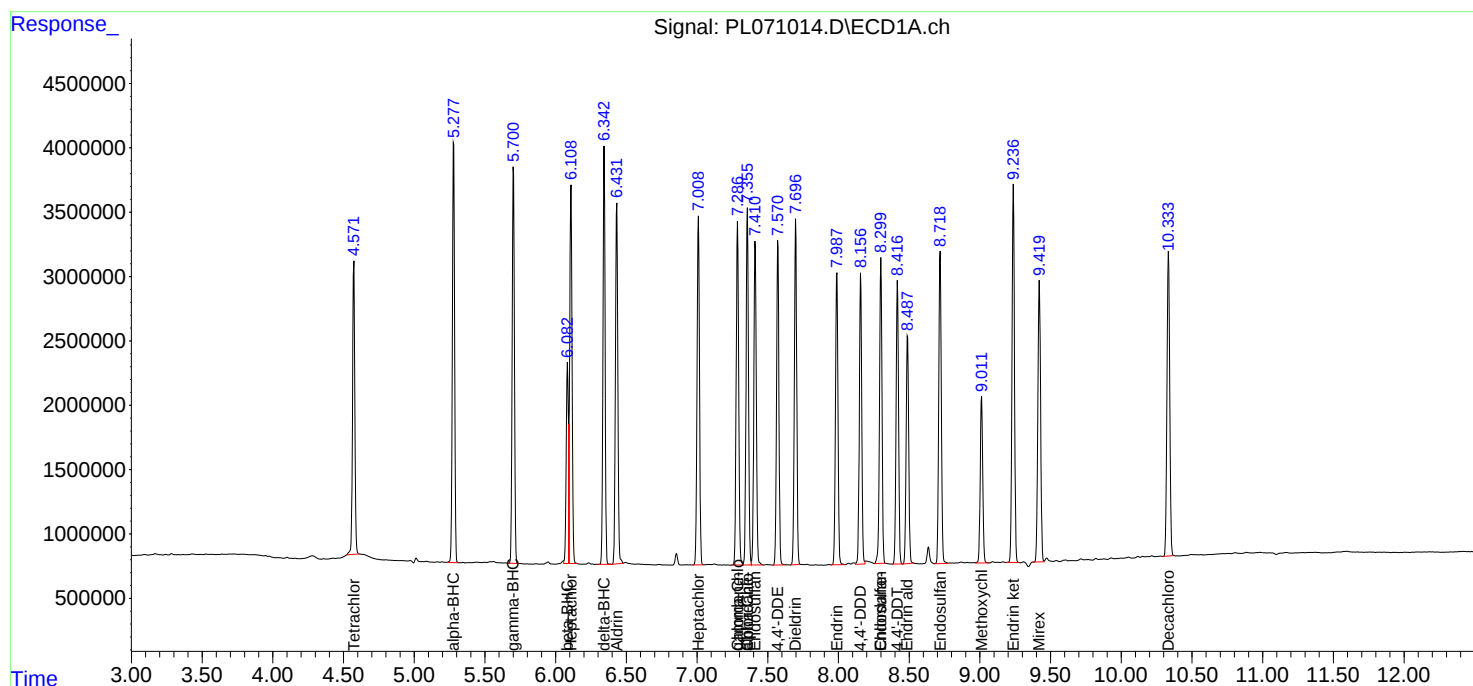
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

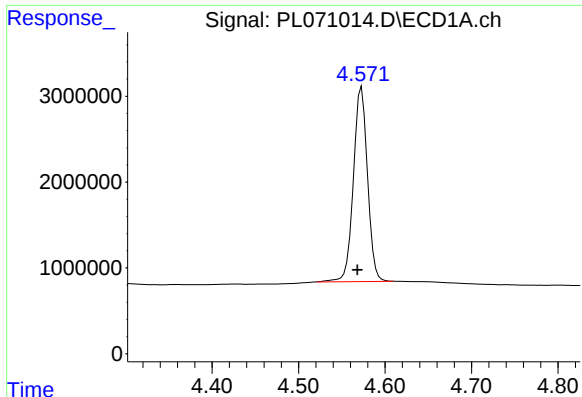
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111721\  
 Data File : PL071014.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Nov 2021 11:21  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
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 Quant Time: Nov 18 00:47:32 2021  
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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

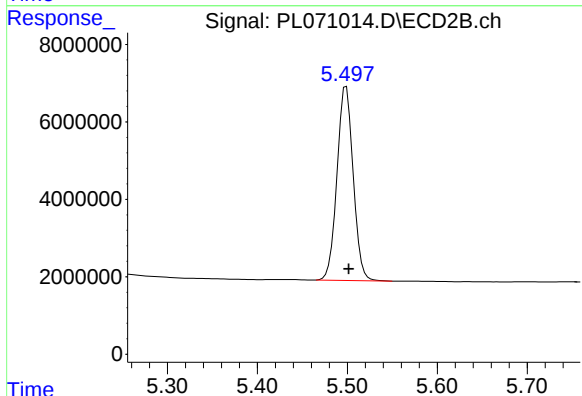




#1 Tetrachloro-m-xylene

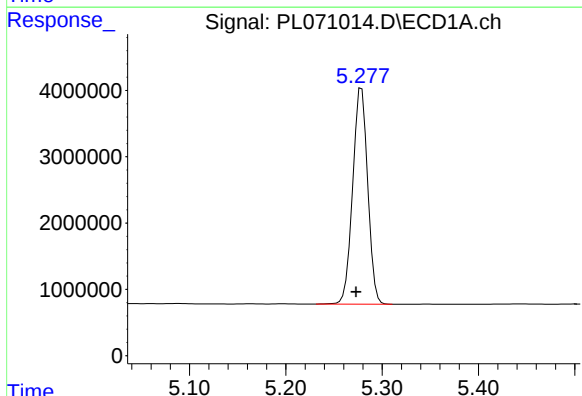
R.T.: 4.573 min  
Delta R.T.: 0.005 min  
Response: 25678580  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



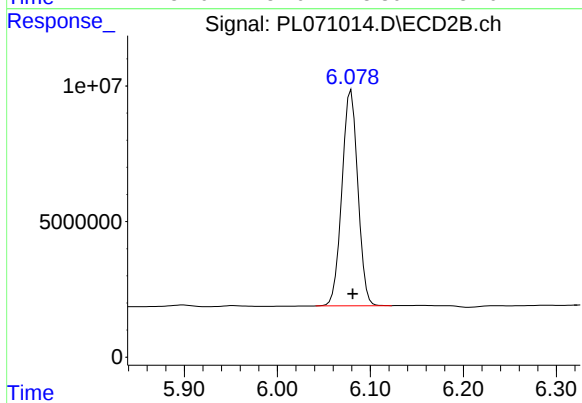
#1 Tetrachloro-m-xylene

R.T.: 5.499 min  
Delta R.T.: -0.003 min  
Response: 62657410  
Conc: 49.69 ng/ml



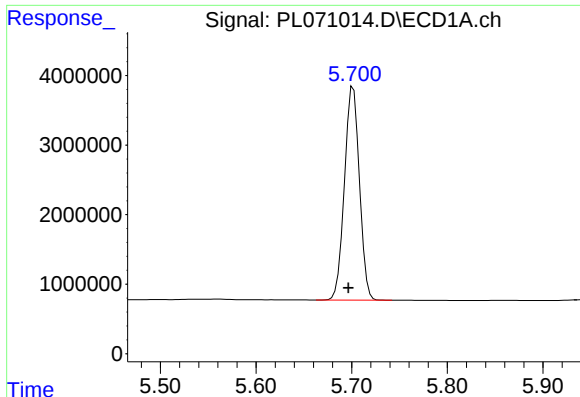
#2 alpha-BHC

R.T.: 5.279 min  
Delta R.T.: 0.006 min  
Response: 35271131  
Conc: 52.69 ng/ml



#2 alpha-BHC

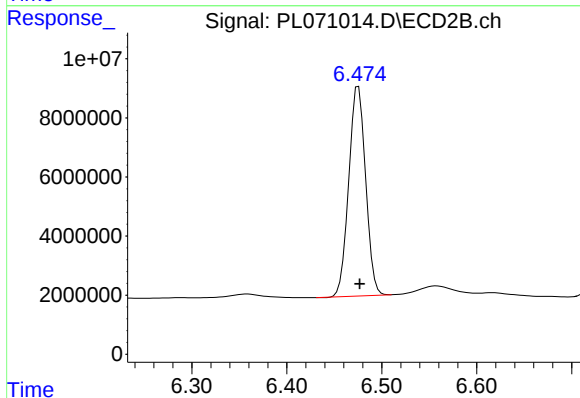
R.T.: 6.079 min  
Delta R.T.: -0.002 min  
Response: 94504689  
Conc: 51.34 ng/ml



#3 gamma-BHC (Lindane)

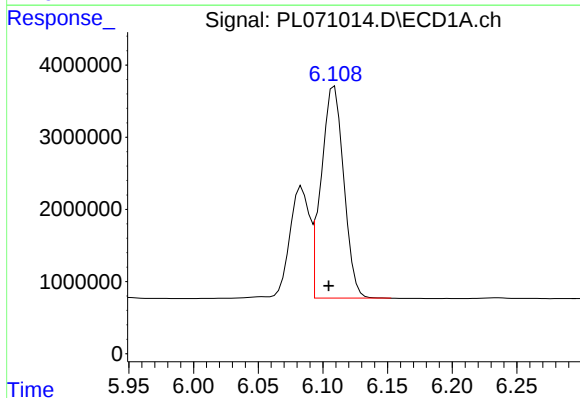
R.T.: 5.702 min  
Delta R.T.: 0.005 min  
Response: 33588332  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



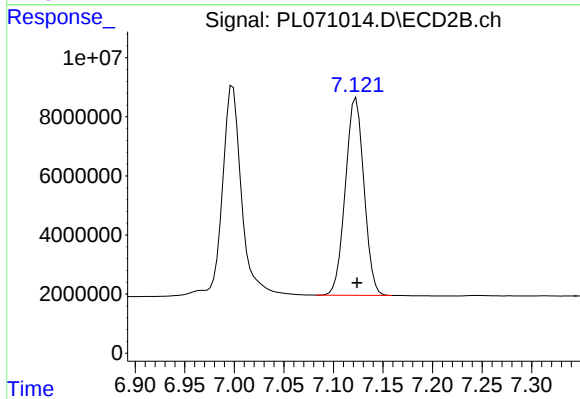
#3 gamma-BHC (Lindane)

R.T.: 6.475 min  
Delta R.T.: -0.001 min  
Response: 87511773  
Conc: 50.47 ng/ml



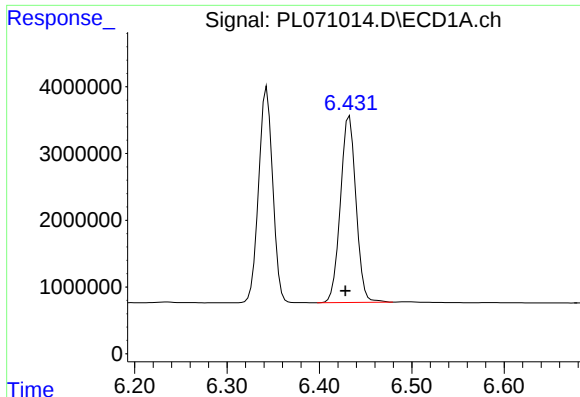
#4 Heptachlor

R.T.: 6.109 min  
Delta R.T.: 0.004 min  
Response: 35645655  
Conc: 49.68 ng/ml



#4 Heptachlor

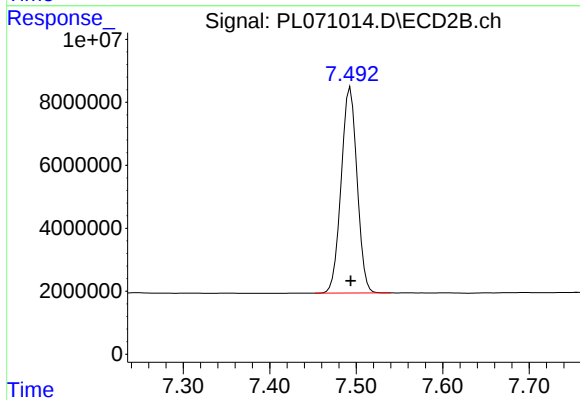
R.T.: 7.123 min  
Delta R.T.: -0.001 min  
Response: 87349896  
Conc: 53.78 ng/ml



#5 Aldrin

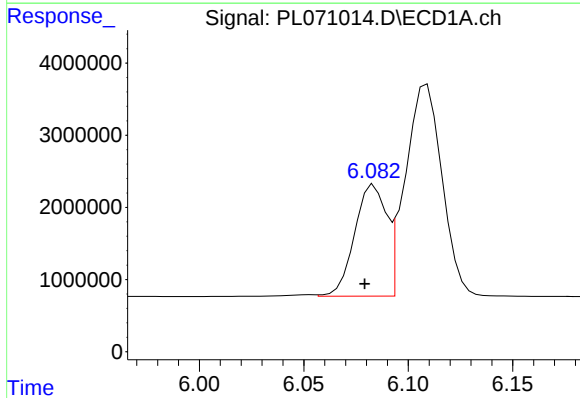
R.T.: 6.433 min  
Delta R.T.: 0.004 min  
Response: 32776117  
Conc: 51.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



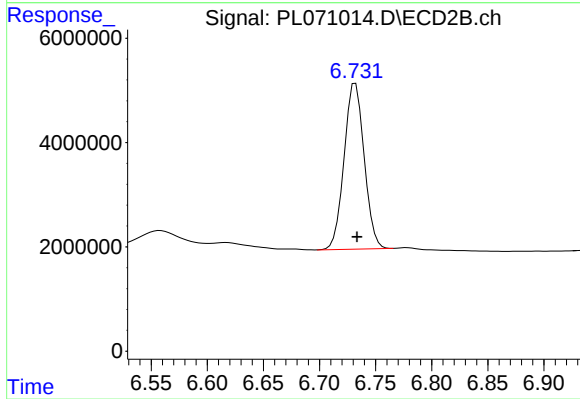
#5 Aldrin

R.T.: 7.493 min  
Delta R.T.: 0.000 min  
Response: 82801378  
Conc: 50.99 ng/ml



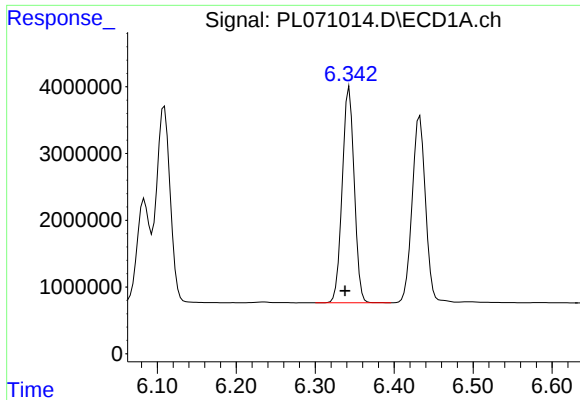
#6 beta-BHC

R.T.: 6.084 min  
Delta R.T.: 0.004 min  
Response: 16323618  
Conc: 50.25 ng/ml



#6 beta-BHC

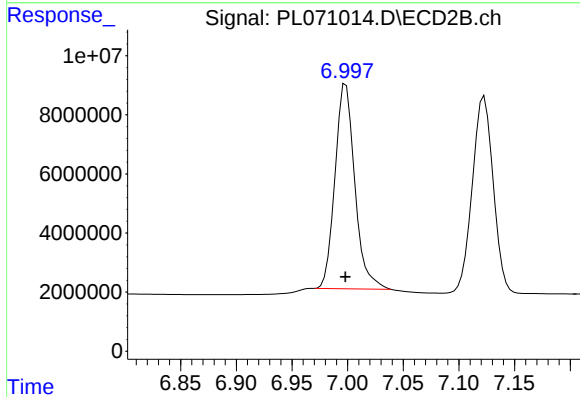
R.T.: 6.732 min  
Delta R.T.: -0.001 min  
Response: 39571148  
Conc: 46.18 ng/ml



#7 delta-BHC

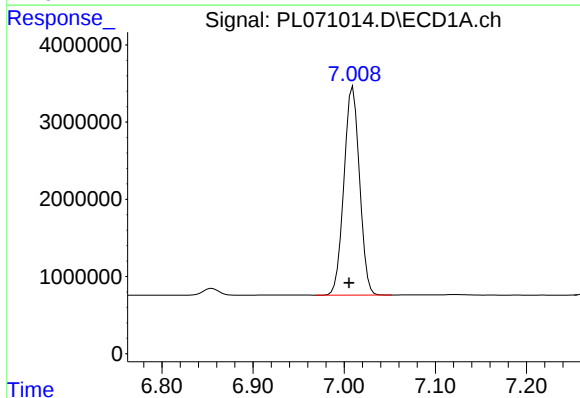
R.T.: 6.343 min  
Delta R.T.: 0.005 min  
Response: 34098637  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



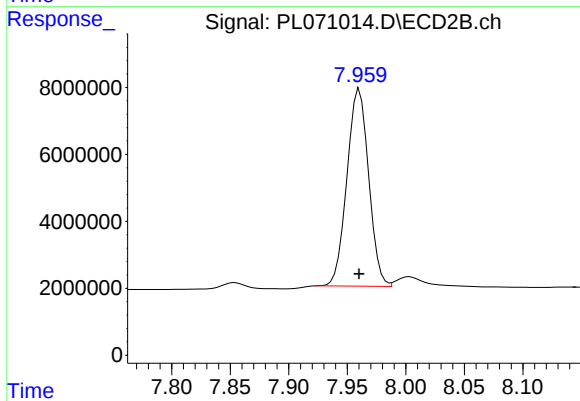
#7 delta-BHC

R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 86053228  
Conc: 51.46 ng/ml



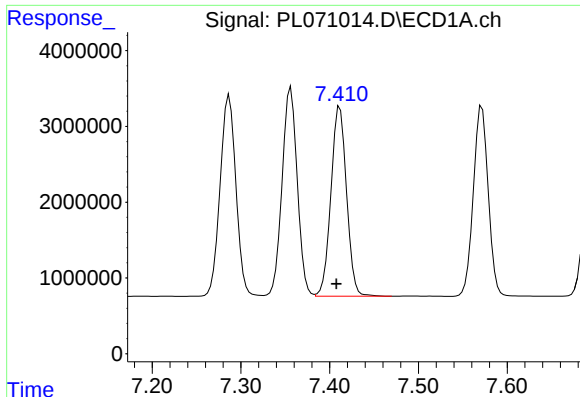
#8 Heptachlor epoxide

R.T.: 7.010 min  
Delta R.T.: 0.004 min  
Response: 32080580  
Conc: 49.34 ng/ml



#8 Heptachlor epoxide

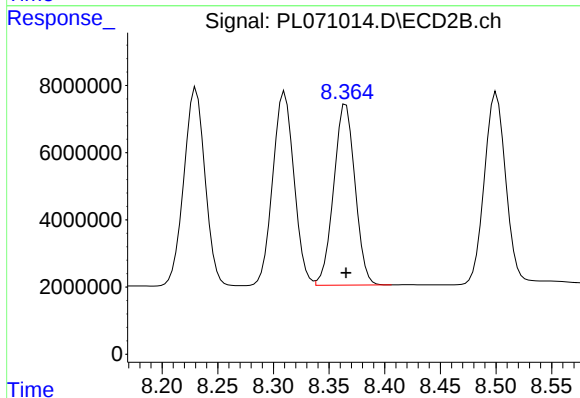
R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 76174526  
Conc: 49.98 ng/ml



#9 Endosulfan I

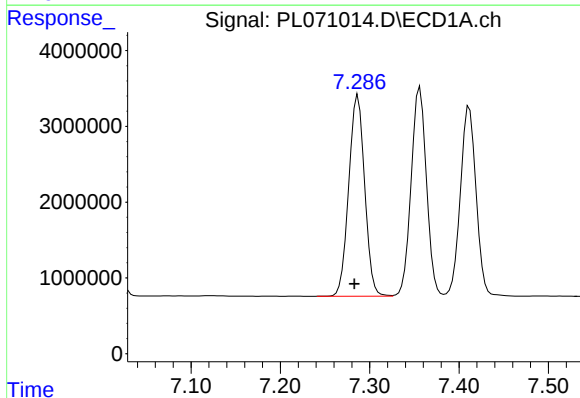
R.T.: 7.412 min  
Delta R.T.: 0.004 min  
Response: 30650138  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



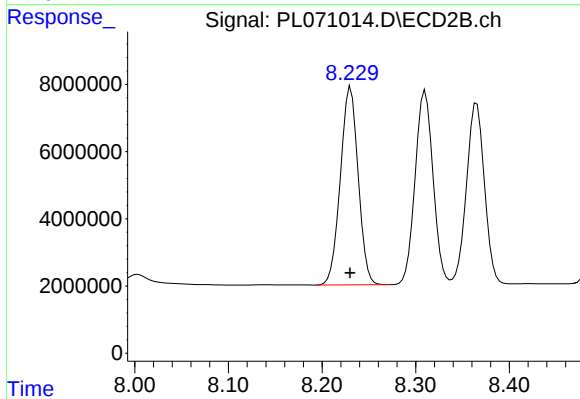
#9 Endosulfan I

R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 71751536  
Conc: 49.88 ng/ml



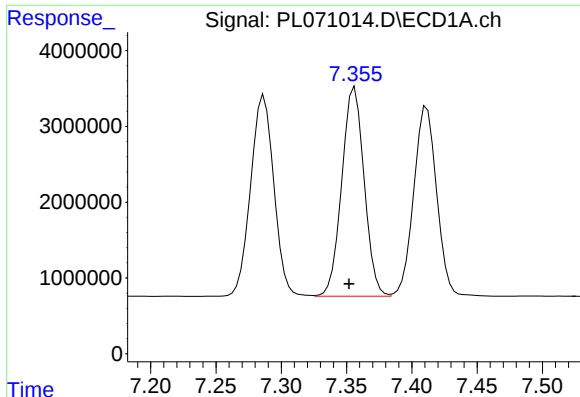
#10 gamma-Chlordane

R.T.: 7.287 min  
Delta R.T.: 0.004 min  
Response: 32869453  
Conc: 49.52 ng/ml



#10 gamma-Chlordane

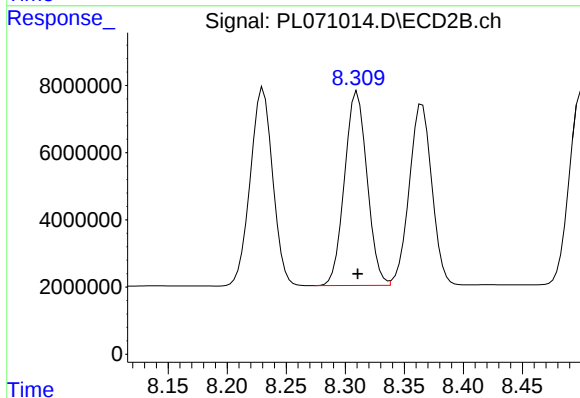
R.T.: 8.231 min  
Delta R.T.: 0.000 min  
Response: 77930845  
Conc: 50.33 ng/ml



#11 alpha-Chlordane

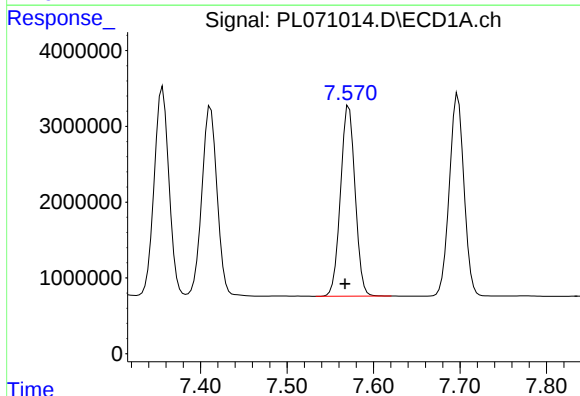
R.T.: 7.356 min  
Delta R.T.: 0.004 min  
Response: 32920690  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



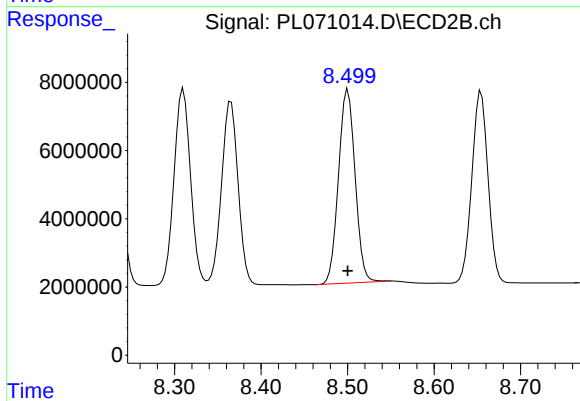
#11 alpha-Chlordane

R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 76579703  
Conc: 50.35 ng/ml



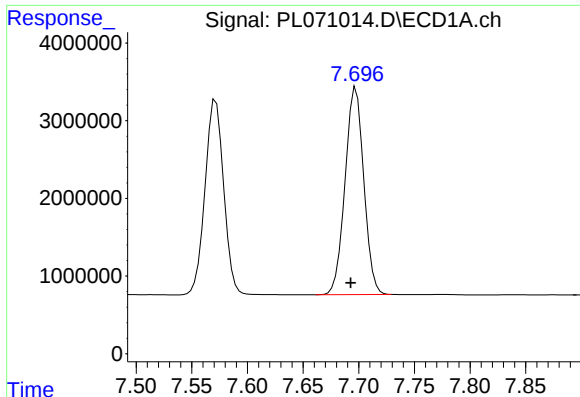
#12 4,4'-DDE

R.T.: 7.572 min  
Delta R.T.: 0.005 min  
Response: 29277585  
Conc: 50.25 ng/ml



#12 4,4'-DDE

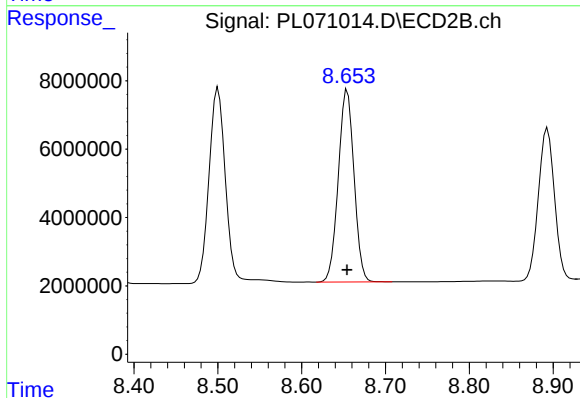
R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 75550923  
Conc: 51.20 ng/ml



#13 Dieldrin

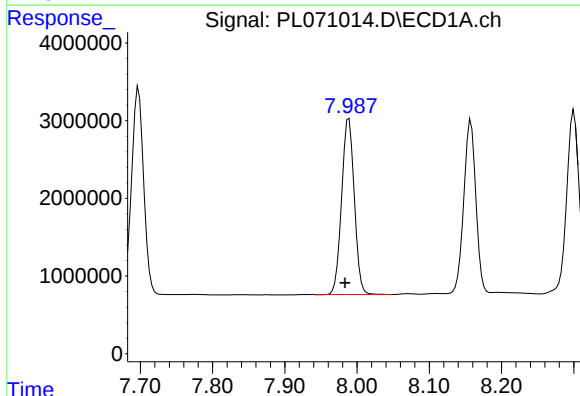
R.T.: 7.698 min  
Delta R.T.: 0.005 min  
Response: 31233737  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



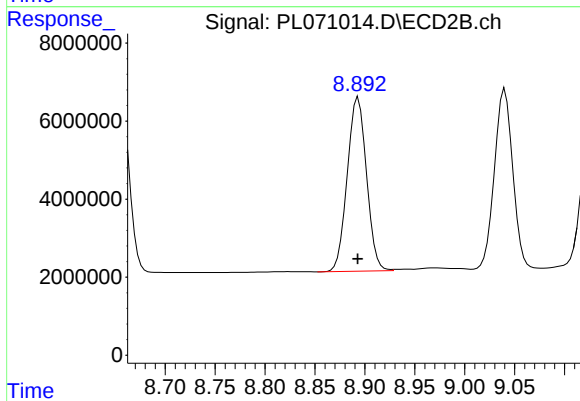
#13 Dieldrin

R.T.: 8.655 min  
Delta R.T.: 0.000 min  
Response: 73329555  
Conc: 50.32 ng/ml



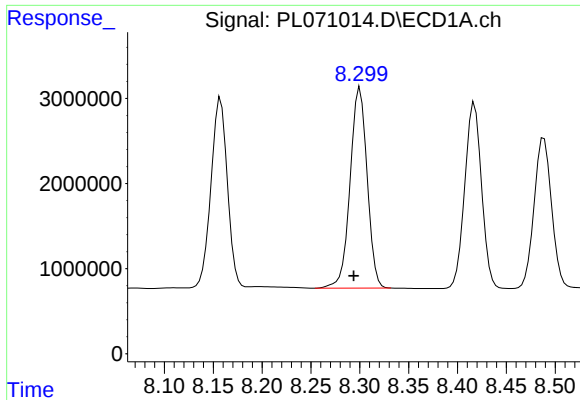
#14 Endrin

R.T.: 7.989 min  
Delta R.T.: 0.005 min  
Response: 27548430  
Conc: 48.59 ng/ml



#14 Endrin

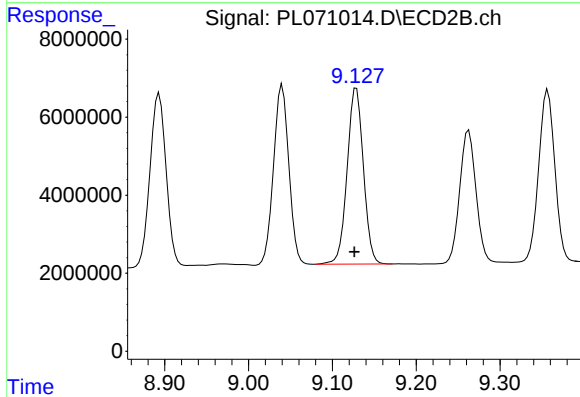
R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 59827385  
Conc: 51.65 ng/ml



#15 Endosulfan II

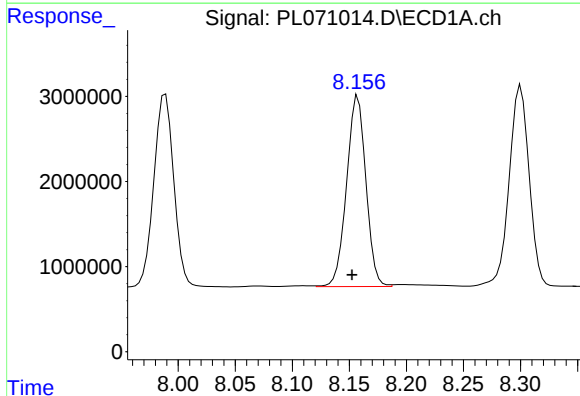
R.T.: 8.300 min  
Delta R.T.: 0.007 min  
Response: 28648376  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



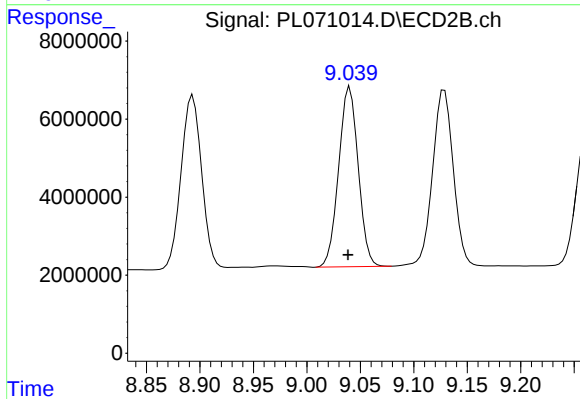
#15 Endosulfan II

R.T.: 9.129 min  
Delta R.T.: 0.002 min  
Response: 60890186  
Conc: 49.85 ng/ml



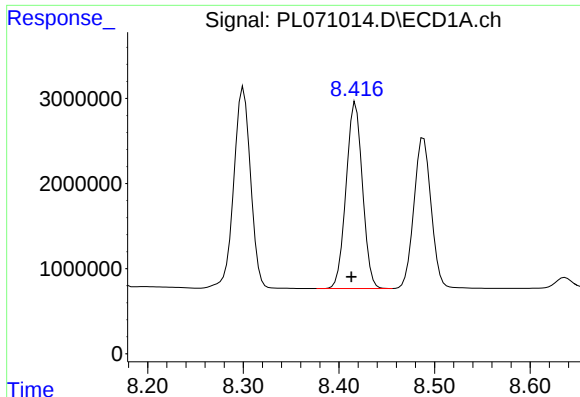
#16 4,4'-DDD

R.T.: 8.158 min  
Delta R.T.: 0.005 min  
Response: 26393161  
Conc: 51.95 ng/ml



#16 4,4'-DDD

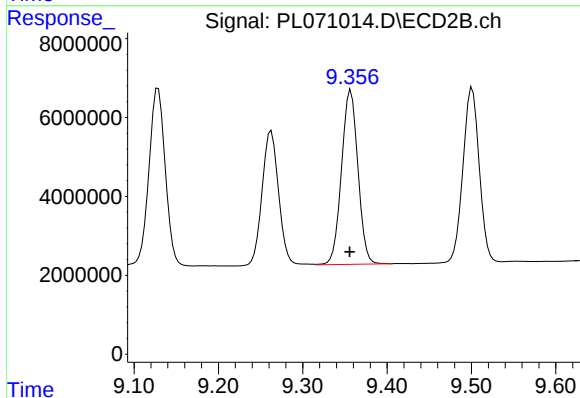
R.T.: 9.040 min  
Delta R.T.: 0.002 min  
Response: 58761075  
Conc: 48.83 ng/ml



#17 4,4'-DDT

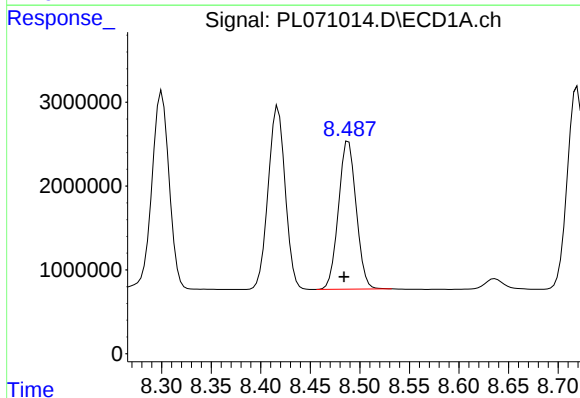
R.T.: 8.418 min  
Delta R.T.: 0.004 min  
Response: 26151060  
Conc: 47.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



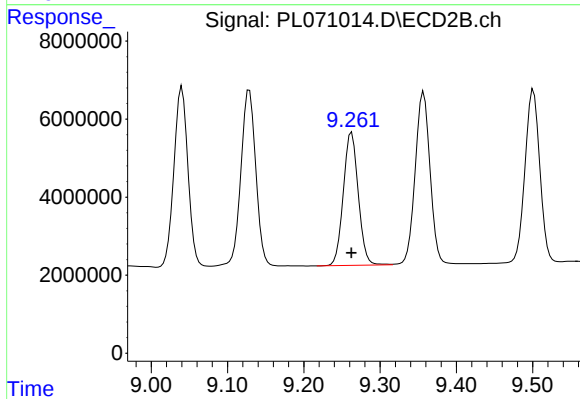
#17 4,4'-DDT

R.T.: 9.357 min  
Delta R.T.: 0.001 min  
Response: 59668154  
Conc: 47.30 ng/ml



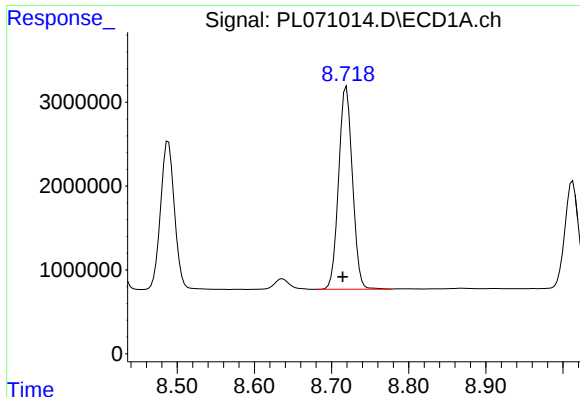
#18 Endrin aldehyde

R.T.: 8.489 min  
Delta R.T.: 0.004 min  
Response: 21996706  
Conc: 48.42 ng/ml



#18 Endrin aldehyde

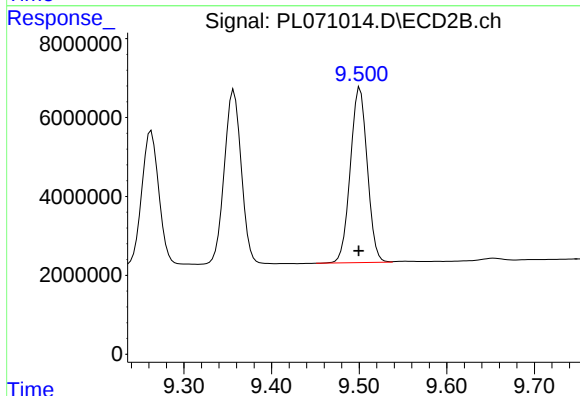
R.T.: 9.263 min  
Delta R.T.: 0.000 min  
Response: 46429919  
Conc: 48.01 ng/ml



#19 Endosulfan Sulfate

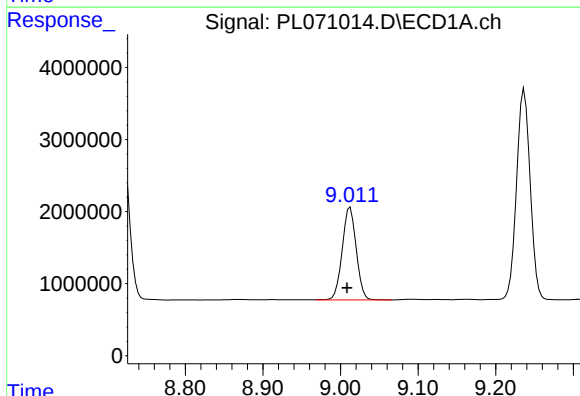
R.T.: 8.719 min  
Delta R.T.: 0.005 min  
Response: 30121987  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



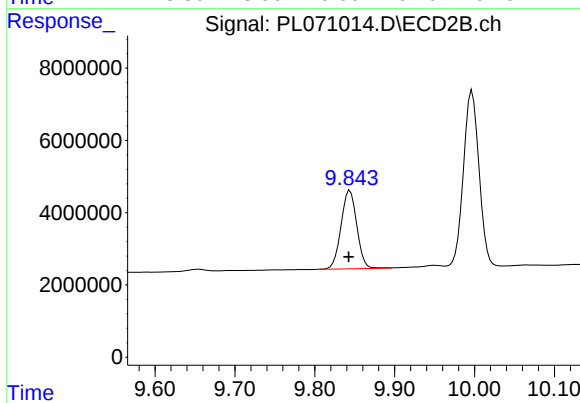
#19 Endosulfan Sulfate

R.T.: 9.501 min  
Delta R.T.: 0.002 min  
Response: 59515436  
Conc: 48.02 ng/ml



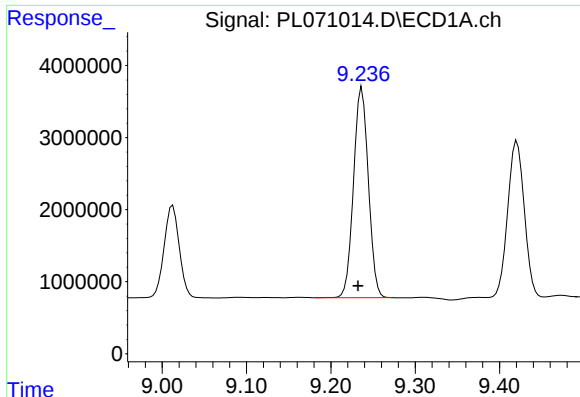
#20 Methoxychlor

R.T.: 9.013 min  
Delta R.T.: 0.004 min  
Response: 16153789  
Conc: 44.16 ng/ml



#20 Methoxychlor

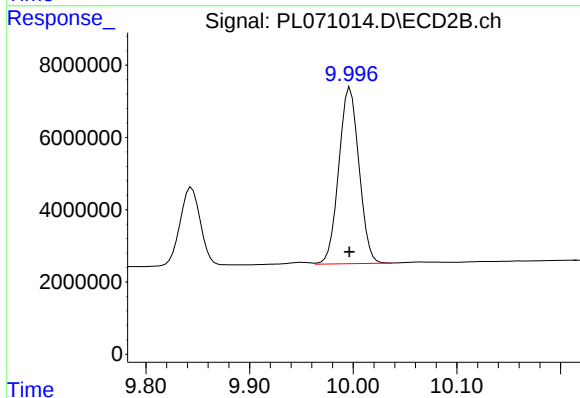
R.T.: 9.844 min  
Delta R.T.: 0.002 min  
Response: 29797773  
Conc: 44.03 ng/ml



#21 Endrin ketone

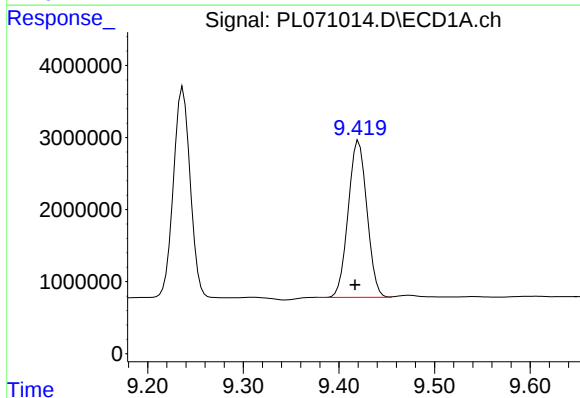
R.T.: 9.237 min  
Delta R.T.: 0.005 min  
Response: 35650231  
Conc: 49.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



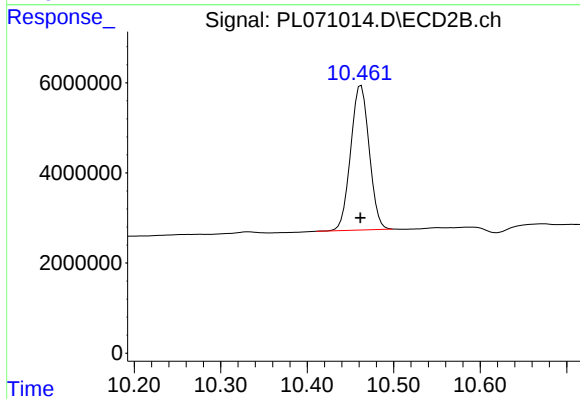
#21 Endrin ketone

R.T.: 9.997 min  
Delta R.T.: 0.000 min  
Response: 66030860  
Conc: 46.00 ng/ml



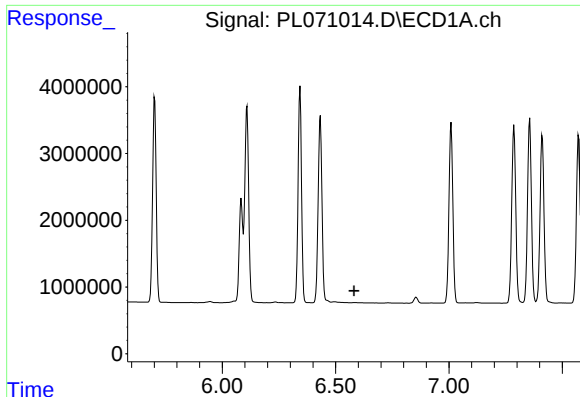
#22 Mirex

R.T.: 9.421 min  
Delta R.T.: 0.004 min  
Response: 29672310  
Conc: 48.32 ng/ml



#22 Mirex

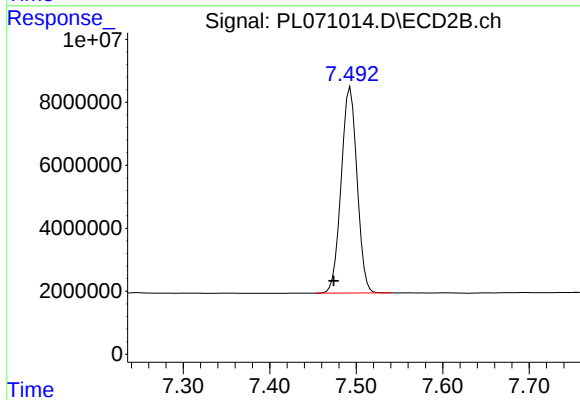
R.T.: 10.462 min  
Delta R.T.: 0.000 min  
Response: 47737161  
Conc: 45.83 ng/ml



#24 Chlordane-2

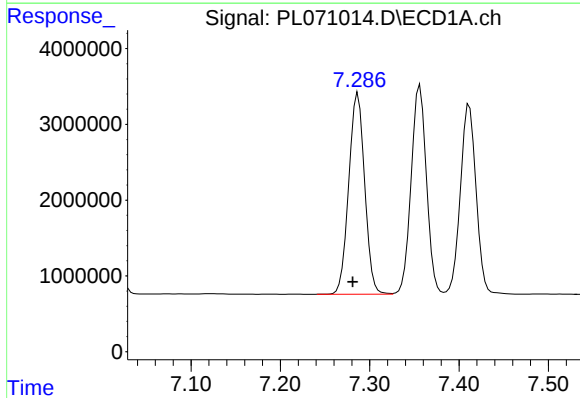
R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



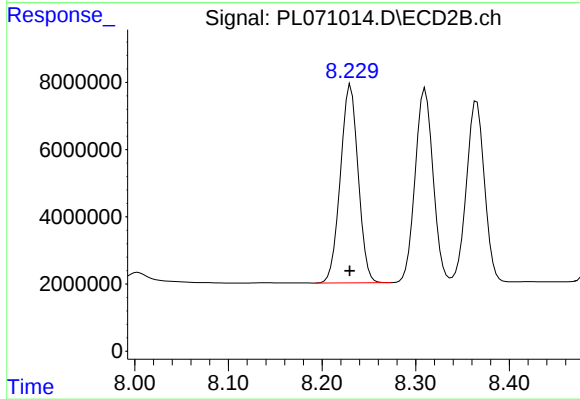
#24 Chlordane-2

R.T.: 7.493 min  
Delta R.T.: 0.019 min  
Response: 82801378  
Conc: 1578.52 ng/ml



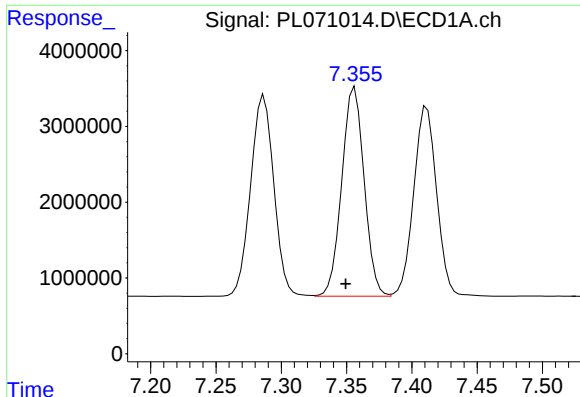
#25 Chlordane-3

R.T.: 7.287 min  
Delta R.T.: 0.006 min  
Response: 32869453  
Conc: 538.38 ng/ml



#25 Chlordane-3

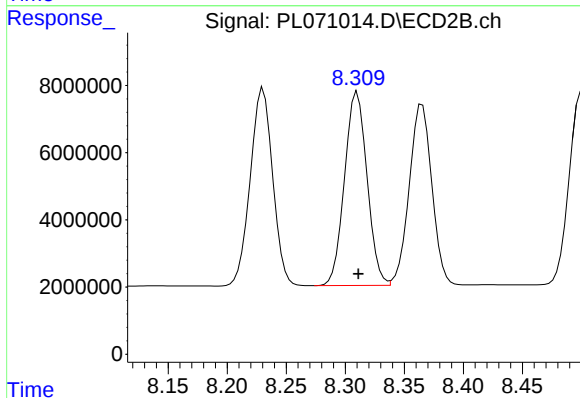
R.T.: 8.231 min  
Delta R.T.: 0.000 min  
Response: 77930845  
Conc: 385.55 ng/ml



#26 Chlordane-4

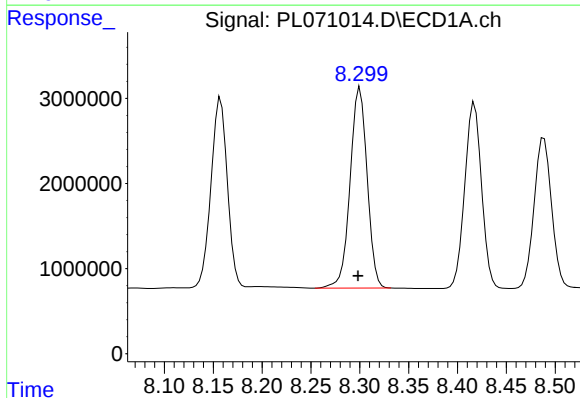
R.T.: 7.356 min  
Delta R.T.: 0.007 min  
Response: 32920690  
Conc: 501.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



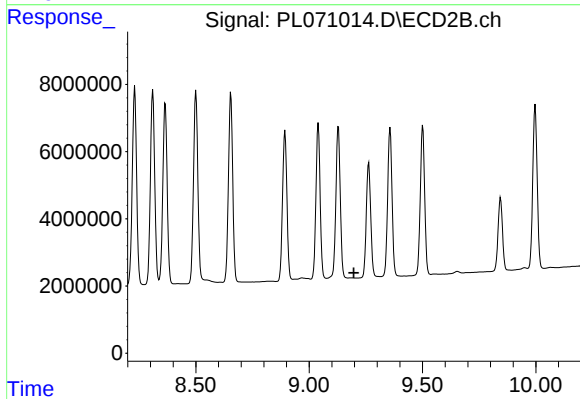
#26 Chlordane-4

R.T.: 8.310 min  
Delta R.T.: -0.001 min  
Response: 76579703  
Conc: 315.57 ng/ml



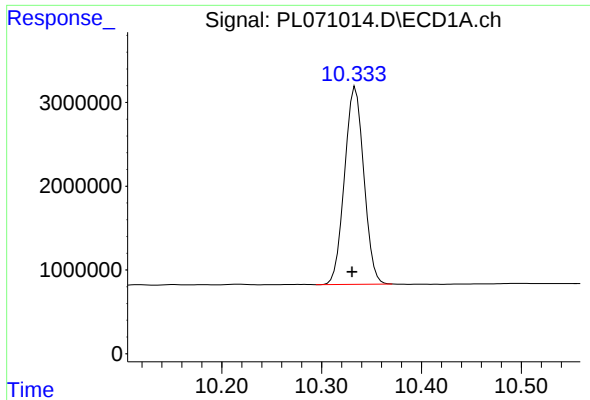
#27 Chlordane-5

R.T.: 8.300 min  
Delta R.T.: 0.002 min  
Response: 28648376  
Conc: 1281.36 ng/ml



#27 Chlordane-5

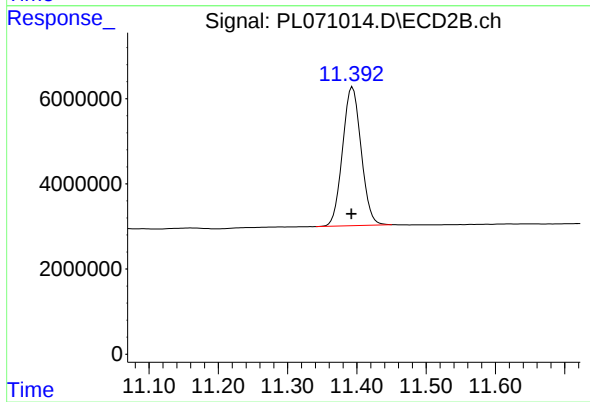
R.T.: 0.000 min  
Exp R.T.: 9.197 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.334 min  
Delta R.T.: 0.004 min  
Response: 31640371  
Conc: 46.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.394 min  
Delta R.T.: 0.002 min  
Response: 60680063  
Conc: 45.37 ng/ml