

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080921\  
 Data File : PL068826.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2021 09:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 08:28:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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... | 4.639  | 5.570  | 20955254 | 54080700 | 50.661   | 53.264     |
| 28)                         | SA Decachlor... | 10.408 | 11.489 | 27673479 | 45525060 | 48.153   | 46.921     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.345  | 6.150  | 28264552 | 74368573 | 51.097   | 54.610     |
| 3)                          | MA gamma-BHC... | 5.768  | 6.546  | 27528391 | 69623350 | 50.722   | 53.512     |
| 4)                          | MA Heptachlor   | 6.179  | 7.195  | 28606747 | 68369954 | 48.705   | 50.929     |
| 5)                          | MB Aldrin       | 6.504  | 7.566  | 27252760 | 64356178 | 50.963   | 53.322     |
| 6)                          | B beta-BHC      | 6.147  | 6.798  | 13860862 | 33505225 | 49.169   | 51.718     |
| 7)                          | B delta-BHC     | 6.409  | 7.066  | 27415607 | 66324067 | 51.096   | 52.645     |
| 8)                          | B Heptachlo...  | 7.080  | 8.032  | 26537461 | 59400239 | 49.792   | 51.382     |
| 9)                          | A Endosulfan I  | 7.483  | 8.437  | 25369732 | 53893323 | 49.971   | 51.104     |
| 10)                         | B gamma-Chl...  | 7.358  | 8.301  | 27339077 | 59331328 | 49.885   | 51.806     |
| 11)                         | B alpha-Chl...  | 7.428  | 8.382  | 27378410 | 58614279 | 49.746   | 51.038     |
| 12)                         | B 4,4'-DDE      | 7.642  | 8.568  | 24241401 | 54380967 | 50.186   | 51.450     |
| 13)                         | MA Dieldrin     | 7.769  | 8.726  | 26051728 | 54815591 | 50.360   | 50.585     |
| 14)                         | MA Endrin       | 8.061  | 8.965  | 22289509 | 42266107 | 46.251   | 46.564     |
| 15)                         | B Endosulfa...  | 8.371  | 9.198  | 23551620 | 45782078 | 49.096   | 49.916     |
| 16)                         | A 4,4'-DDD      | 8.226  | 9.108  | 22773788 | 45989186 | 53.061   | 53.821     |
| 17)                         | MA 4,4'-DDT     | 8.488  | 9.425  | 21374052 | 42487620 | 44.010   | 44.895     |
| 18)                         | B Endrin al...  | 8.559  | 9.333  | 17969149 | 33998352 | 47.919   | 48.516     |
| 19)                         | B Endosulfa...  | 8.790  | 9.571  | 25058060 | 44953006 | 48.708   | 49.317     |
| 20)                         | A Methoxychlor  | 9.082  | 9.910  | 13205981 | 20915985 | 42.186   | 40.193     |
| 21)                         | B Endrin ke...  | 9.309  | 10.069 | 30108557 | 51338758 | 51.464   | 50.417     |
| 22)                         | Mirex           | 9.497  | 10.536 | 24634320 | 38293841 | 49.165   | 48.417     |
| 24)                         | Chlordane-2     | 0.000  | 7.566f | 0        | 64356178 | N.D.     | 1485.304 # |
| 25)                         | Chlordane-3     | 7.358  | 8.301  | 27339077 | 59331328 | 521.213  | 363.203 #  |
| 26)                         | Chlordane-4     | 7.428  | 8.382  | 27378410 | 58614279 | 491.901  | 295.550 #  |
| 27)                         | Chlordane-5     | 8.371  | 0.000  | 23551620 | 0        | 1142.101 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

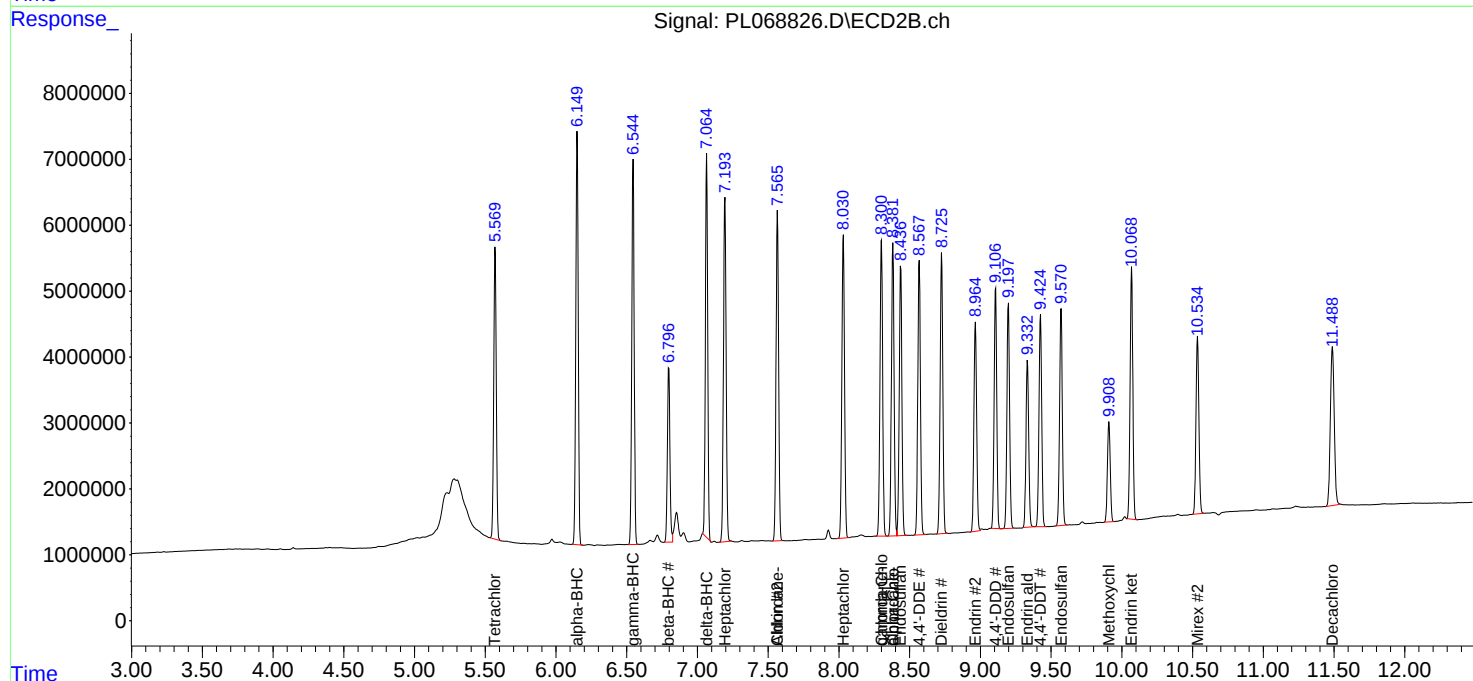
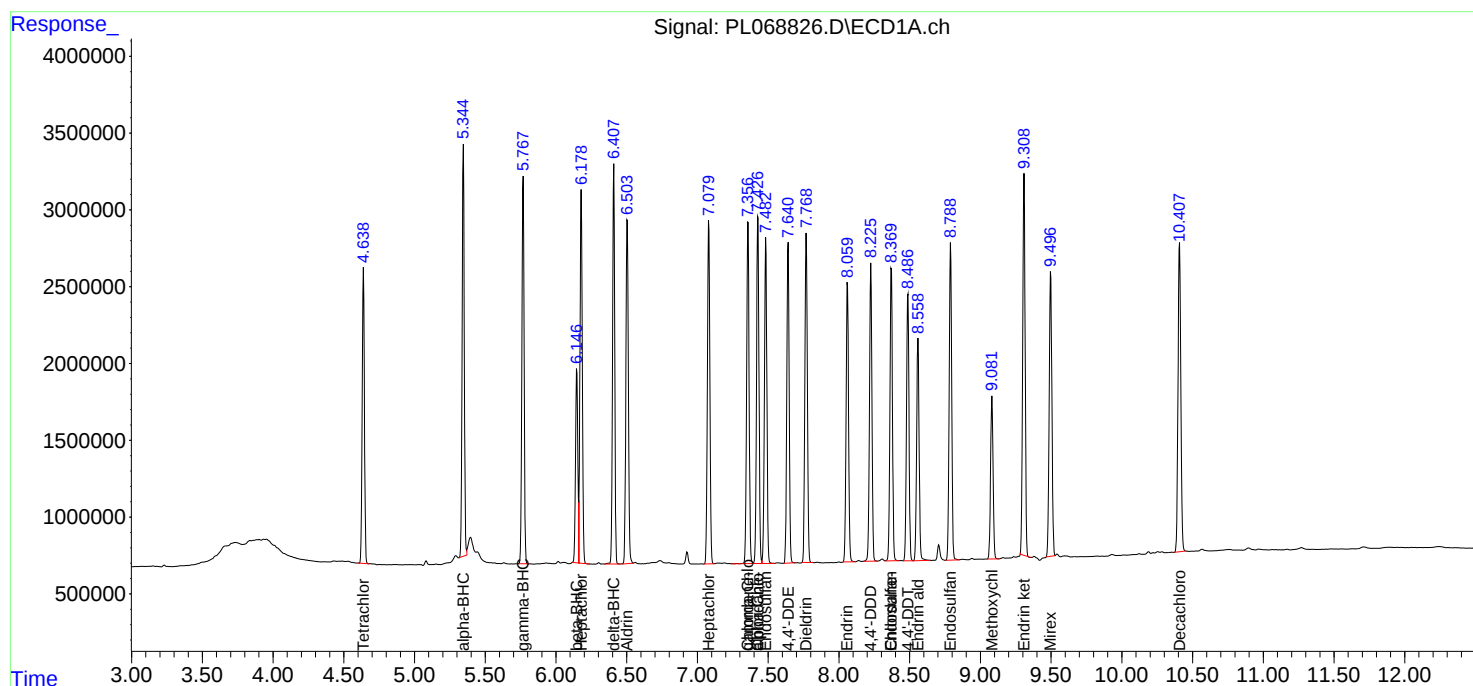
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

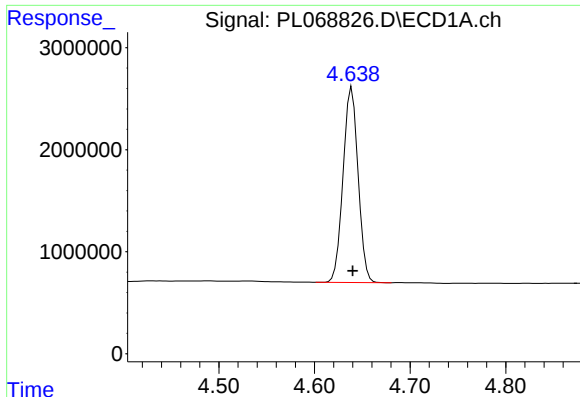
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080921\  
Data File : PL068826.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2021 09:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 08:28:22 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 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

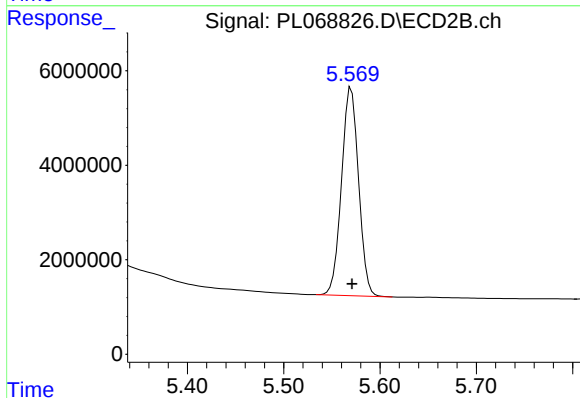




#1 Tetrachloro-m-xylene

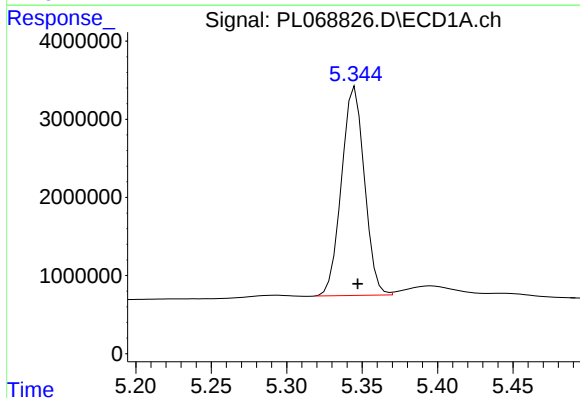
R.T.: 4.639 min  
Delta R.T.: 0.000 min  
Response: 20955254  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



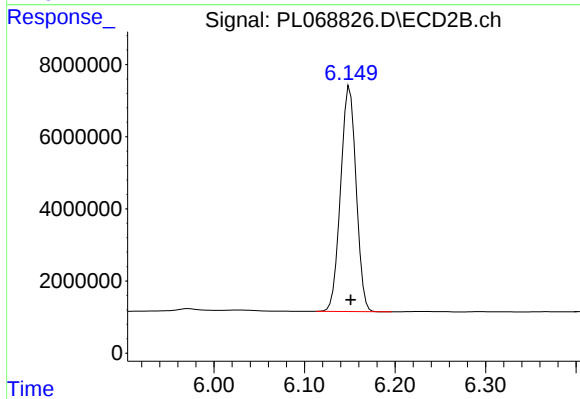
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 54080700  
Conc: 53.26 ng/ml



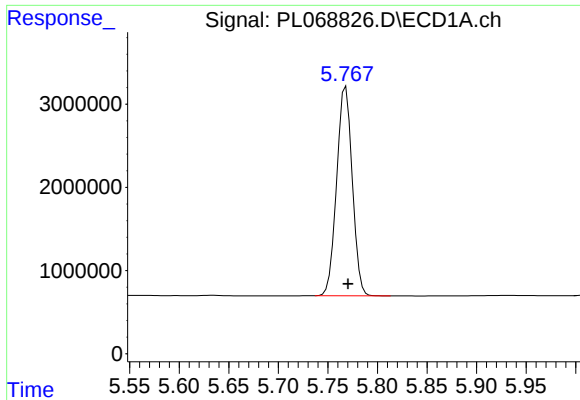
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 28264552  
Conc: 51.10 ng/ml



#2 alpha-BHC

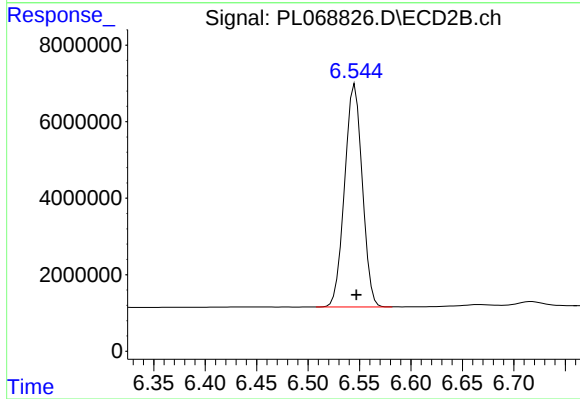
R.T.: 6.150 min  
Delta R.T.: -0.001 min  
Response: 74368573  
Conc: 54.61 ng/ml



#3 gamma-BHC (Lindane)

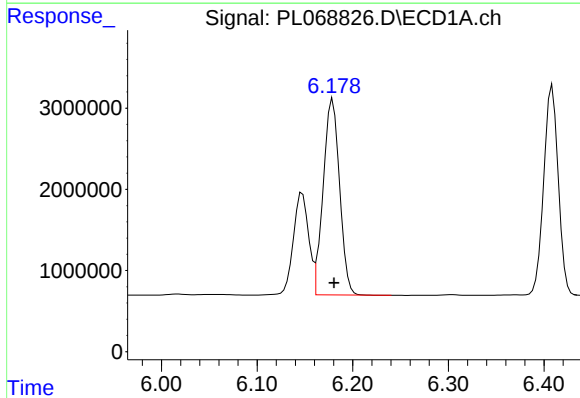
R.T.: 5.768 min  
Delta R.T.: -0.002 min  
Response: 27528391  
Conc: 50.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



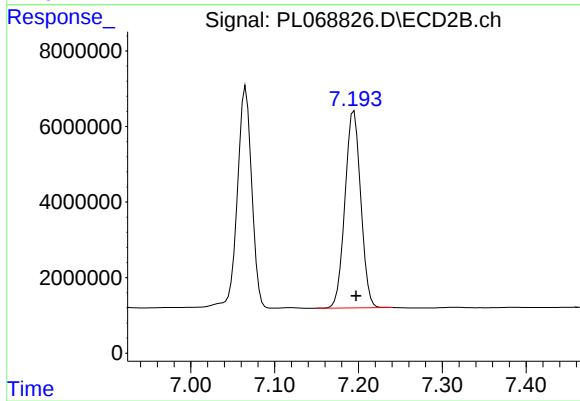
#3 gamma-BHC (Lindane)

R.T.: 6.546 min  
Delta R.T.: -0.001 min  
Response: 69623350  
Conc: 53.51 ng/ml



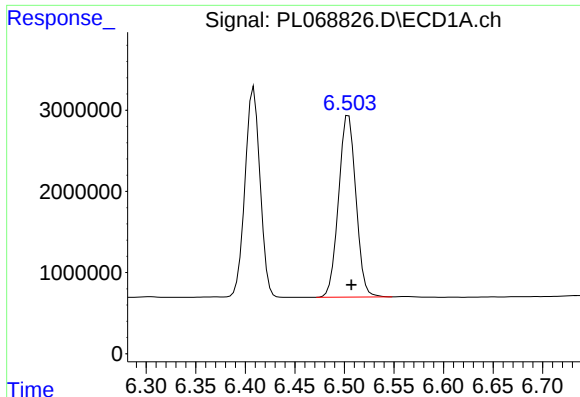
#4 Heptachlor

R.T.: 6.179 min  
Delta R.T.: -0.001 min  
Response: 28606747  
Conc: 48.71 ng/ml



#4 Heptachlor

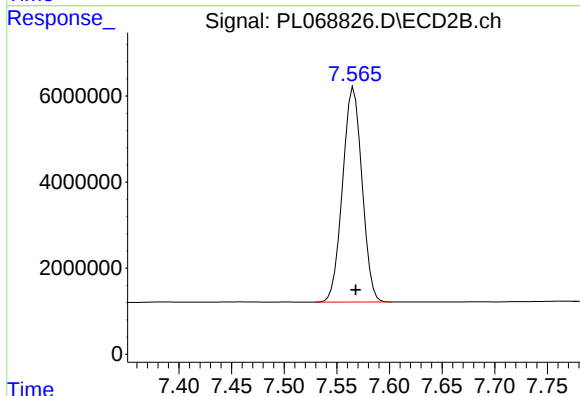
R.T.: 7.195 min  
Delta R.T.: -0.003 min  
Response: 68369954  
Conc: 50.93 ng/ml



#5 Aldrin

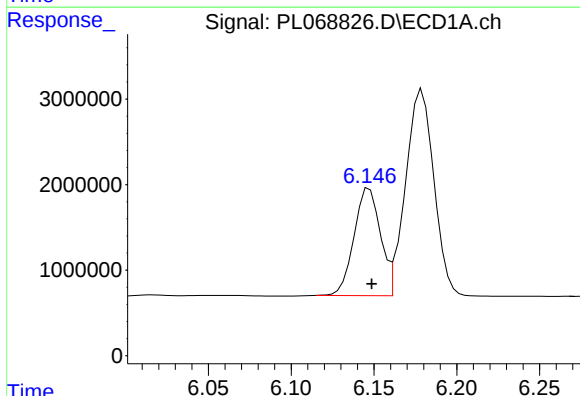
R.T.: 6.504 min  
Delta R.T.: -0.003 min  
Response: 27252760  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



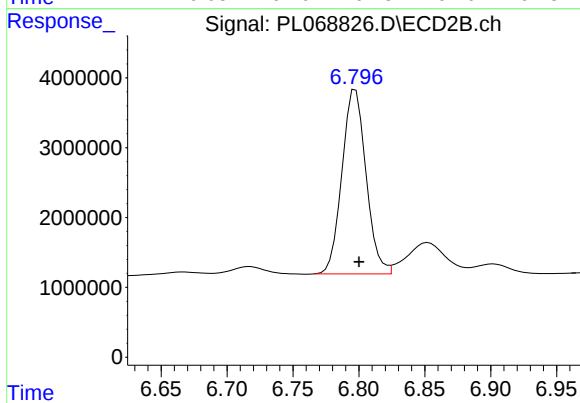
#5 Aldrin

R.T.: 7.566 min  
Delta R.T.: -0.002 min  
Response: 64356178  
Conc: 53.32 ng/ml



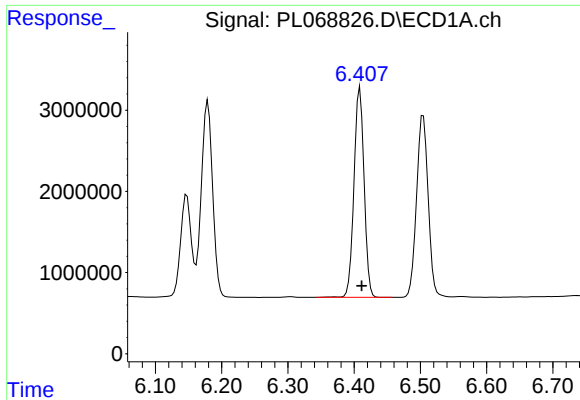
#6 beta-BHC

R.T.: 6.147 min  
Delta R.T.: -0.001 min  
Response: 13860862  
Conc: 49.17 ng/ml



#6 beta-BHC

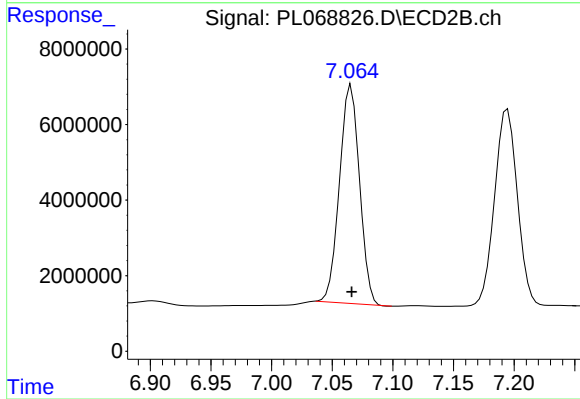
R.T.: 6.798 min  
Delta R.T.: -0.003 min  
Response: 33505225  
Conc: 51.72 ng/ml



#7 delta-BHC

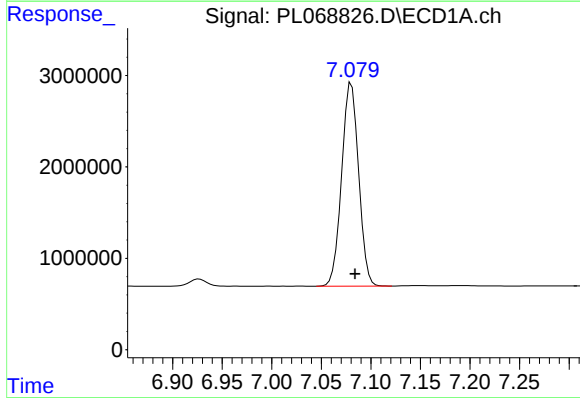
R.T.: 6.409 min  
Delta R.T.: -0.003 min  
Response: 27415607  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



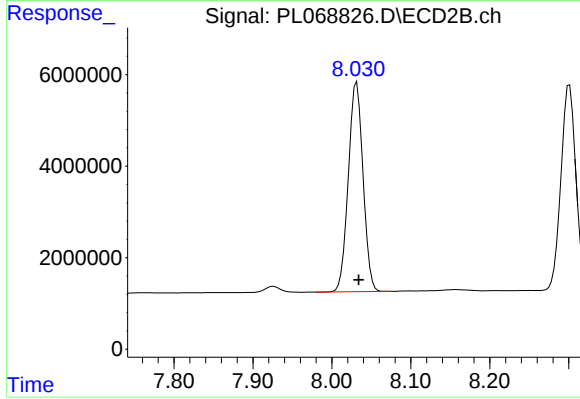
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 66324067  
Conc: 52.65 ng/ml



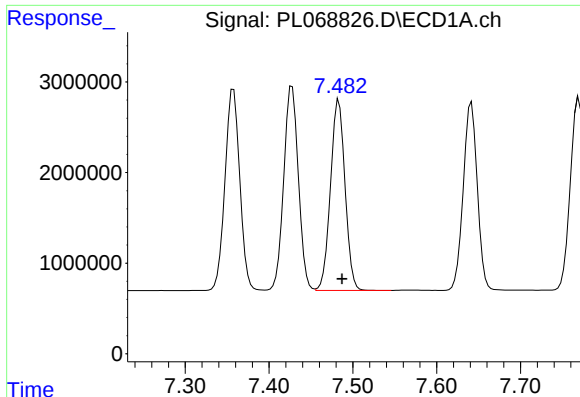
#8 Heptachlor epoxide

R.T.: 7.080 min  
Delta R.T.: -0.004 min  
Response: 26537461  
Conc: 49.79 ng/ml



#8 Heptachlor epoxide

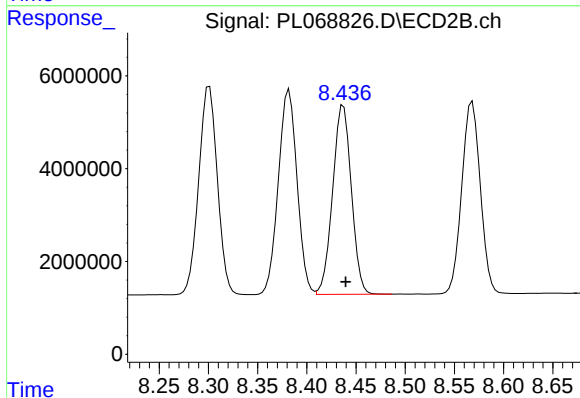
R.T.: 8.032 min  
Delta R.T.: -0.002 min  
Response: 59400239  
Conc: 51.38 ng/ml



#9 Endosulfan I

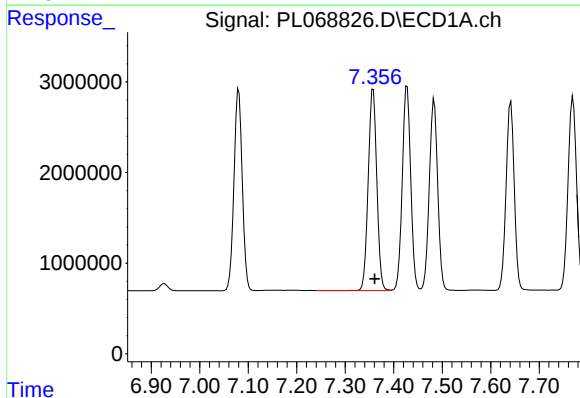
R.T.: 7.483 min  
Delta R.T.: -0.004 min  
Response: 25369732  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



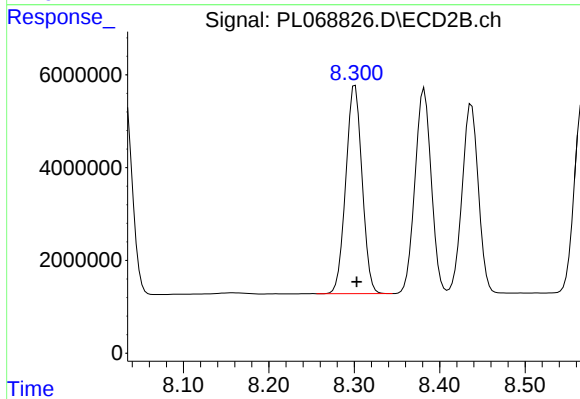
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.002 min  
Response: 53893323  
Conc: 51.10 ng/ml



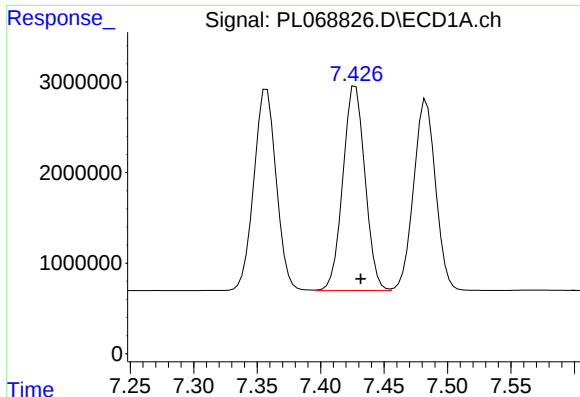
#10 gamma-Chlordane

R.T.: 7.358 min  
Delta R.T.: -0.004 min  
Response: 27339077  
Conc: 49.89 ng/ml



#10 gamma-Chlordane

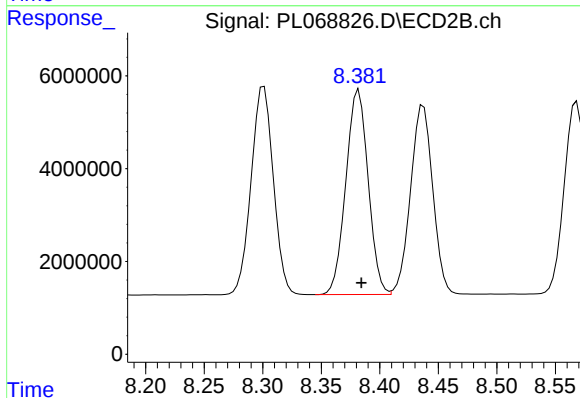
R.T.: 8.301 min  
Delta R.T.: -0.002 min  
Response: 59331328  
Conc: 51.81 ng/ml



#11 alpha-Chlordane

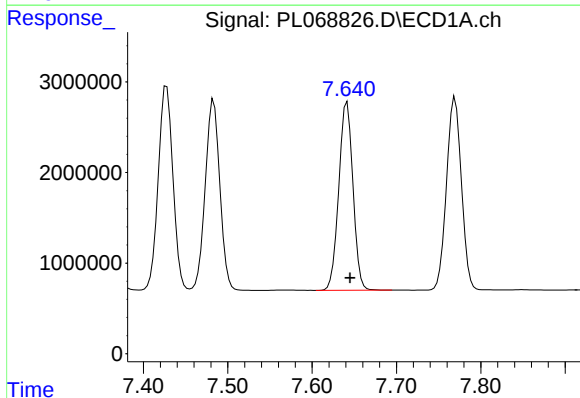
R.T.: 7.428 min  
Delta R.T.: -0.004 min  
Response: 27378410  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



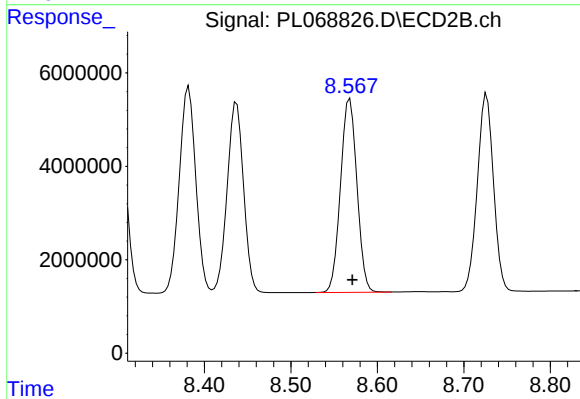
#11 alpha-Chlordane

R.T.: 8.382 min  
Delta R.T.: -0.002 min  
Response: 58614279  
Conc: 51.04 ng/ml



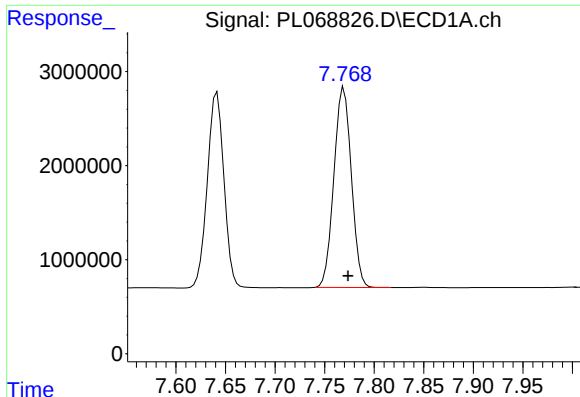
#12 4,4'-DDE

R.T.: 7.642 min  
Delta R.T.: -0.003 min  
Response: 24241401  
Conc: 50.19 ng/ml



#12 4,4'-DDE

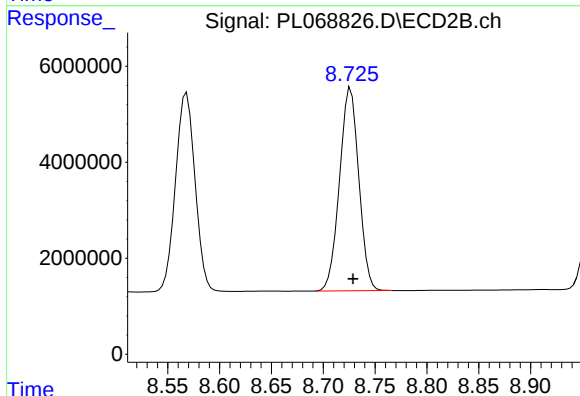
R.T.: 8.568 min  
Delta R.T.: -0.003 min  
Response: 54380967  
Conc: 51.45 ng/ml



#13 Dieldrin

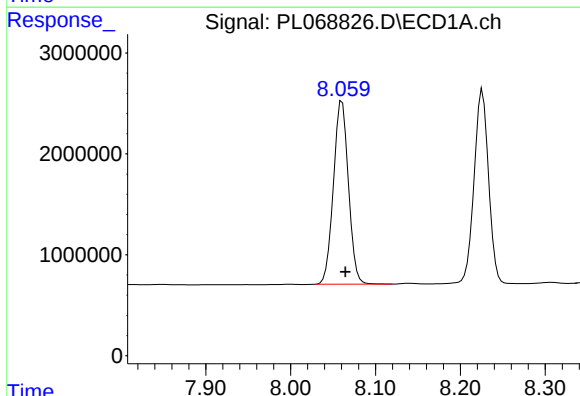
R.T.: 7.769 min  
Delta R.T.: -0.004 min  
Response: 26051728  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



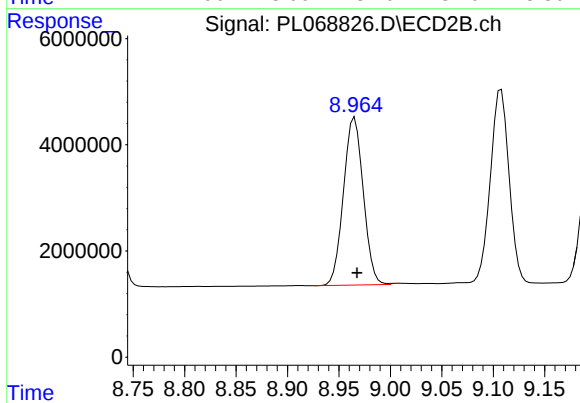
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.002 min  
Response: 54815591  
Conc: 50.58 ng/ml



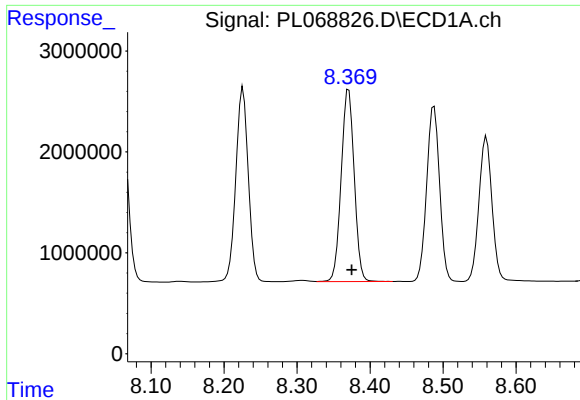
#14 Endrin

R.T.: 8.061 min  
Delta R.T.: -0.004 min  
Response: 22289509  
Conc: 46.25 ng/ml



#14 Endrin

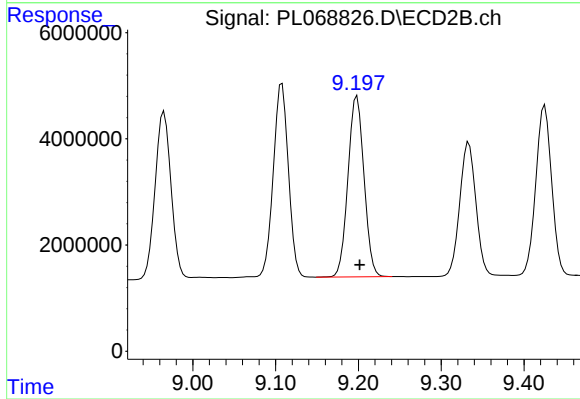
R.T.: 8.965 min  
Delta R.T.: -0.003 min  
Response: 42266107  
Conc: 46.56 ng/ml



#15 Endosulfan II

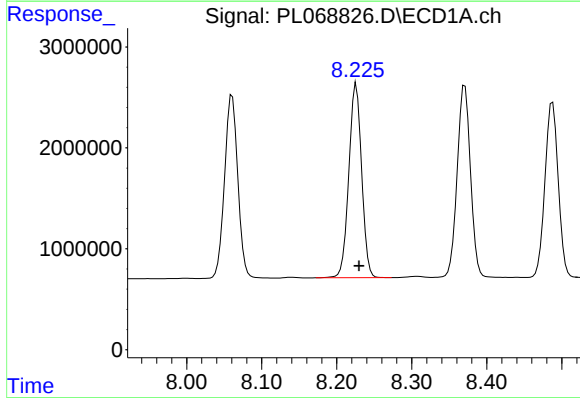
R.T.: 8.371 min  
Delta R.T.: -0.004 min  
Response: 23551620  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



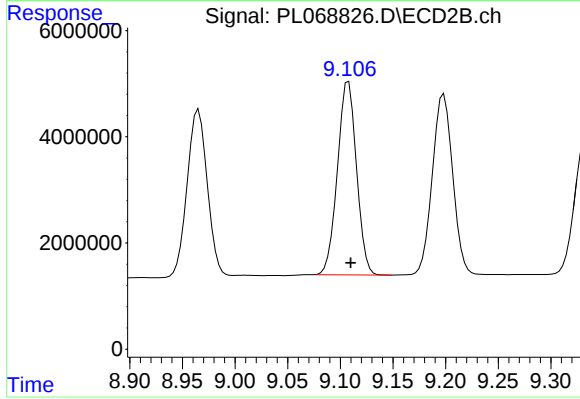
#15 Endosulfan II

R.T.: 9.198 min  
Delta R.T.: -0.003 min  
Response: 45782078  
Conc: 49.92 ng/ml



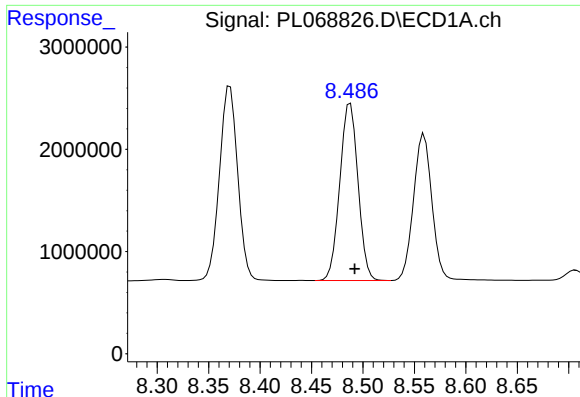
#16 4,4'-DDD

R.T.: 8.226 min  
Delta R.T.: -0.004 min  
Response: 22773788  
Conc: 53.06 ng/ml



#16 4,4'-DDD

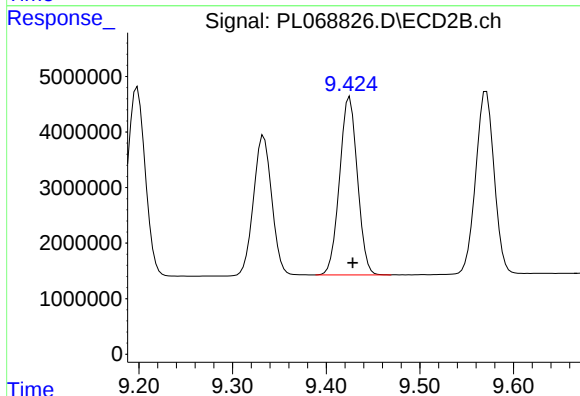
R.T.: 9.108 min  
Delta R.T.: -0.002 min  
Response: 45989186  
Conc: 53.82 ng/ml



#17 4,4'-DDT

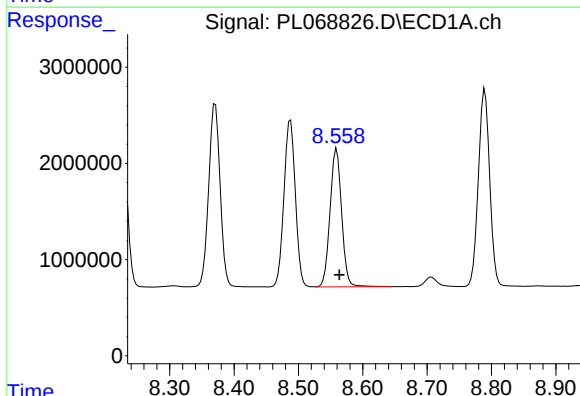
R.T.: 8.488 min  
Delta R.T.: -0.004 min  
Response: 21374052  
Conc: 44.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



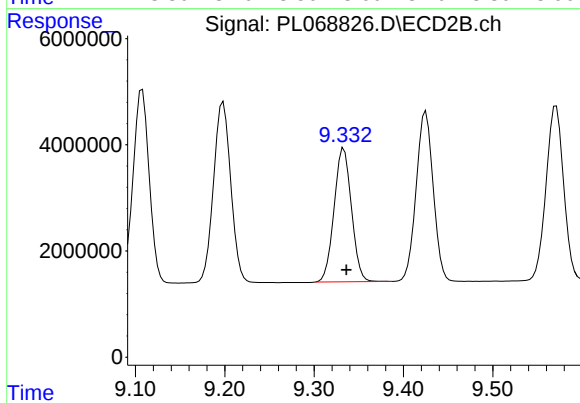
#17 4,4'-DDT

R.T.: 9.425 min  
Delta R.T.: -0.003 min  
Response: 42487620  
Conc: 44.89 ng/ml



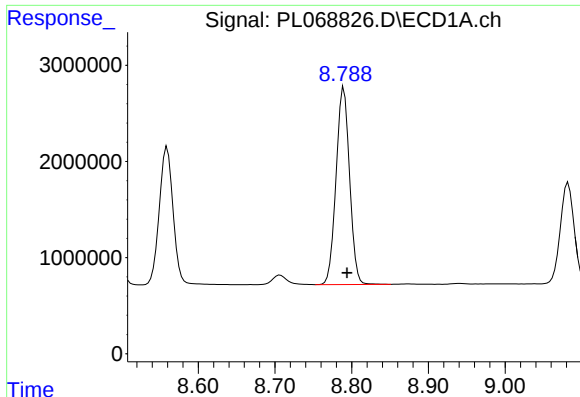
#18 Endrin aldehyde

R.T.: 8.559 min  
Delta R.T.: -0.004 min  
Response: 17969149  
Conc: 47.92 ng/ml



#18 Endrin aldehyde

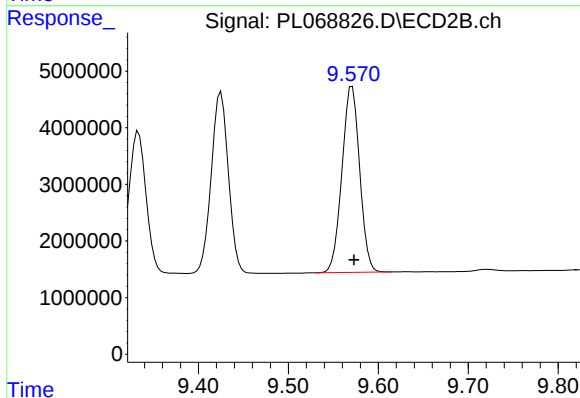
R.T.: 9.333 min  
Delta R.T.: -0.003 min  
Response: 33998352  
Conc: 48.52 ng/ml



#19 Endosulfan Sulfate

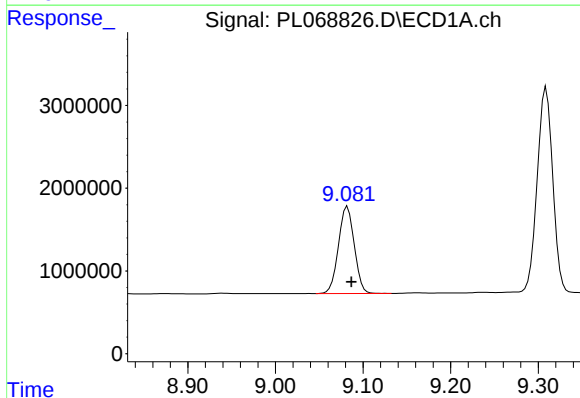
R.T.: 8.790 min  
Delta R.T.: -0.004 min  
Response: 25058060  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



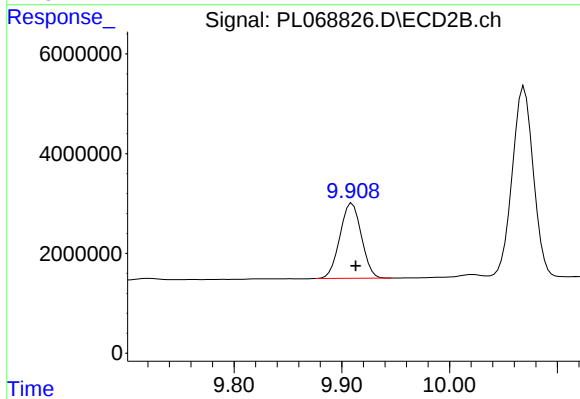
#19 Endosulfan Sulfate

R.T.: 9.571 min  
Delta R.T.: -0.002 min  
Response: 44953006  
Conc: 49.32 ng/ml



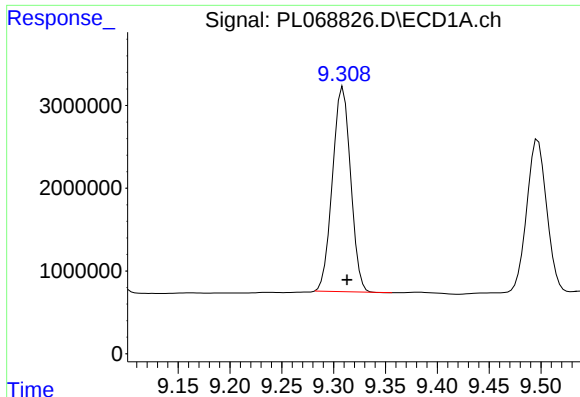
#20 Methoxychlor

R.T.: 9.082 min  
Delta R.T.: -0.005 min  
Response: 13205981  
Conc: 42.19 ng/ml



#20 Methoxychlor

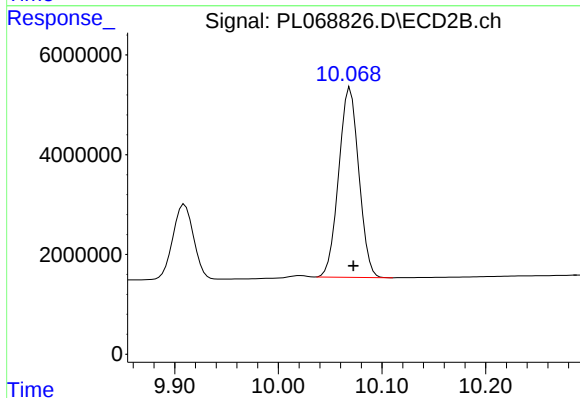
R.T.: 9.910 min  
Delta R.T.: -0.003 min  
Response: 20915985  
Conc: 40.19 ng/ml



#21 Endrin ketone

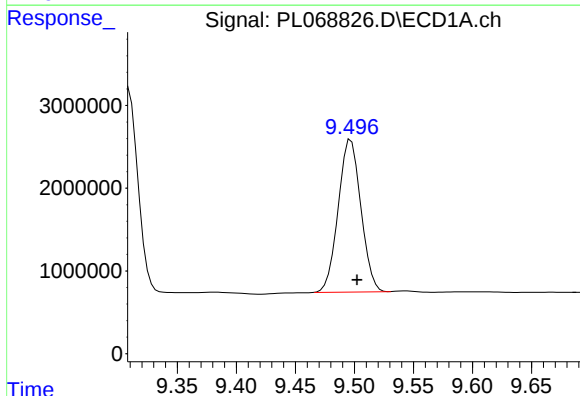
R.T.: 9.309 min  
Delta R.T.: -0.004 min  
Response: 30108557  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



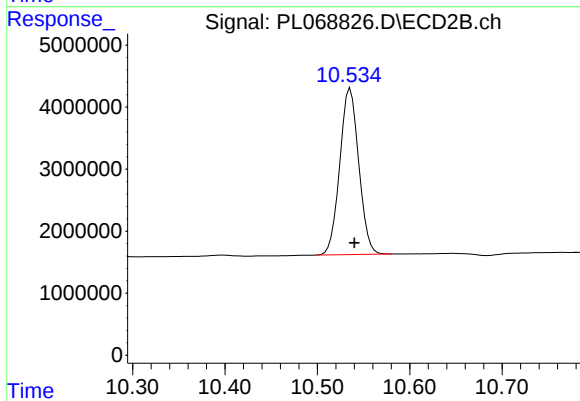
#21 Endrin ketone

R.T.: 10.069 min  
Delta R.T.: -0.003 min  
Response: 51338758  
Conc: 50.42 ng/ml



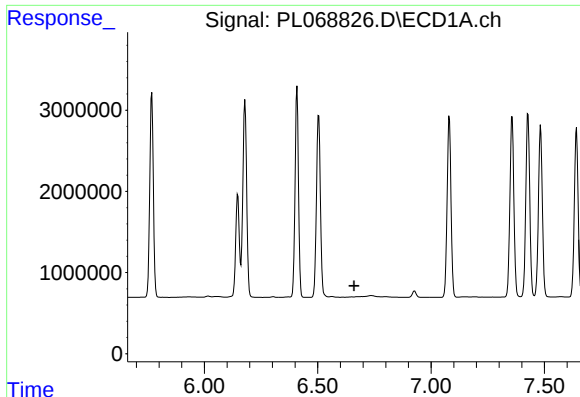
#22 Mirex

R.T.: 9.497 min  
Delta R.T.: -0.005 min  
Response: 24634320  
Conc: 49.17 ng/ml



#22 Mirex

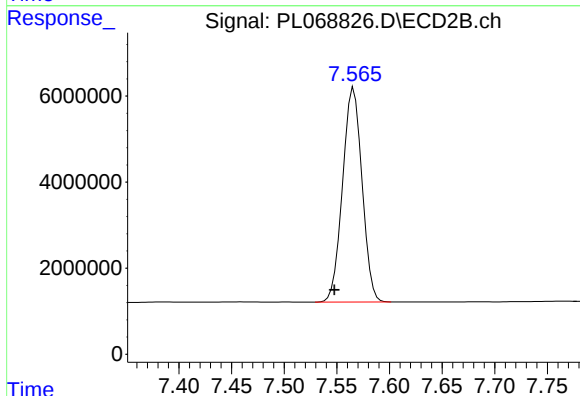
R.T.: 10.536 min  
Delta R.T.: -0.005 min  
Response: 38293841  
Conc: 48.42 ng/ml



#24 Chlordane-2

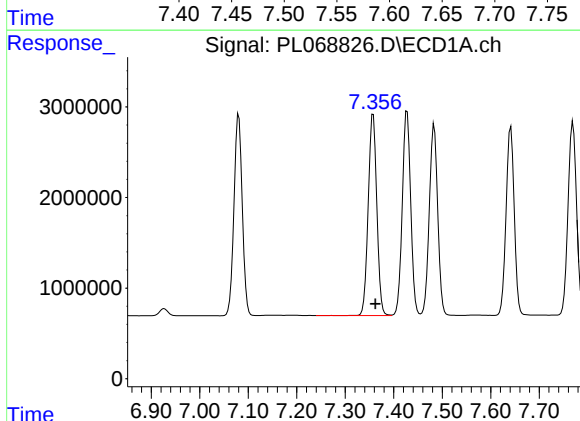
R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



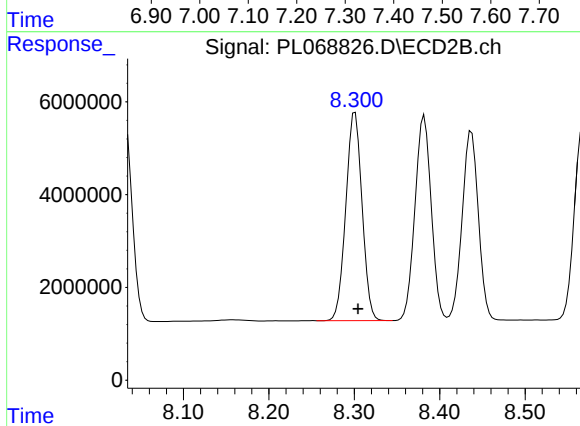
#24 Chlordane-2

R.T.: 7.566 min  
Delta R.T.: 0.018 min  
Response: 64356178  
Conc: 1485.30 ng/ml



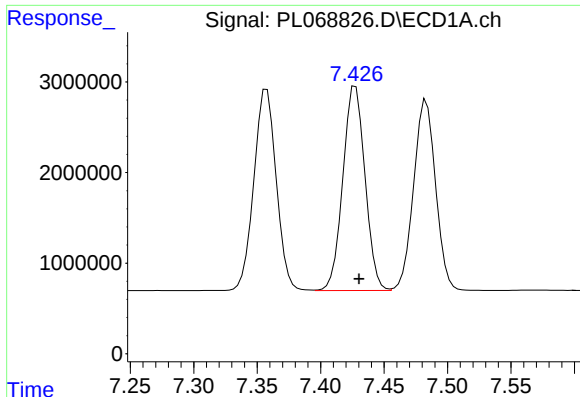
#25 Chlordane-3

R.T.: 7.358 min  
Delta R.T.: -0.004 min  
Response: 27339077  
Conc: 521.21 ng/ml



#25 Chlordane-3

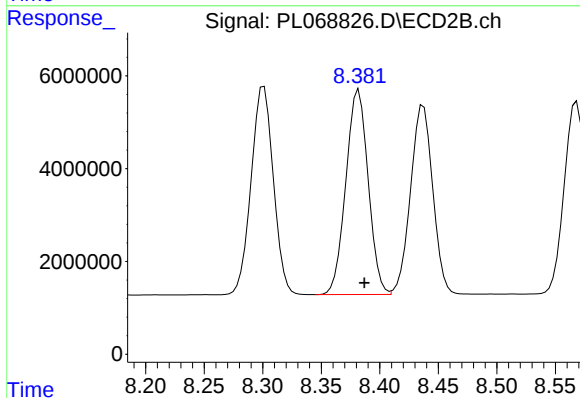
R.T.: 8.301 min  
Delta R.T.: -0.003 min  
Response: 59331328  
Conc: 363.20 ng/ml



#26 Chlordane-4

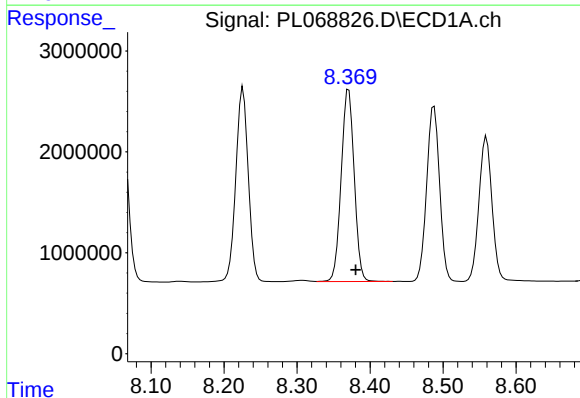
R.T.: 7.428 min  
Delta R.T.: -0.003 min  
Response: 27378410  
Conc: 491.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



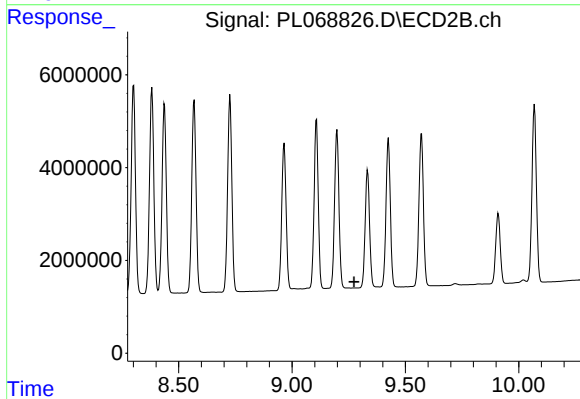
#26 Chlordane-4

R.T.: 8.382 min  
Delta R.T.: -0.005 min  
Response: 58614279  
Conc: 295.55 ng/ml



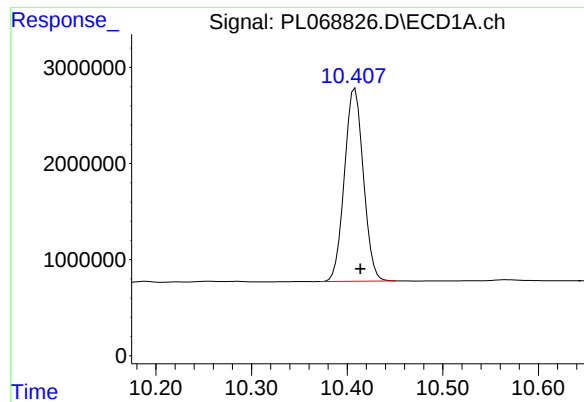
#27 Chlordane-5

R.T.: 8.371 min  
Delta R.T.: -0.010 min  
Response: 23551620  
Conc: 1142.10 ng/ml



#27 Chlordane-5

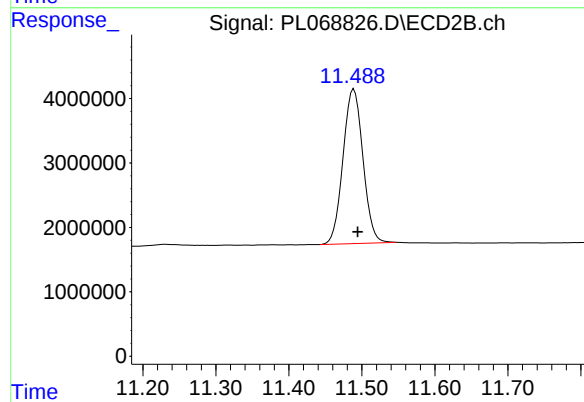
R.T.: 0.000 min  
Exp R.T.: 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.408 min  
Delta R.T.: -0.005 min  
Response: 27673479  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.489 min  
Delta R.T.: -0.005 min  
Response: 45525060  
Conc: 46.92 ng/ml