

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082521\  
 Data File : PL0693446.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Aug 2021 14:55  
 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: Aug 26 03:49:02 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 21 02:23:37 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... | 4.634  | 5.569  | 21170628 | 68876384 | 45.886  | 48.082     |
| 28)                         | SA Decachlor... | 10.403 | 11.493 | 28727433 | 58958706 | 42.563  | 48.107     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.341  | 6.149  | 28700274 | 97404913 | 44.835  | 49.796     |
| 3)                          | MA gamma-BHC... | 5.764  | 6.546  | 28341876 | 90565662 | 44.361  | 49.352     |
| 4)                          | MA Heptachlor   | 6.174  | 7.195  | 30745187 | 92977440 | 44.392  | 51.020     |
| 5)                          | MB Aldrin       | 6.500  | 7.567  | 28103056 | 82701400 | 45.547  | 49.757     |
| 6)                          | B beta-BHC      | 6.144  | 6.798  | 15389885 | 42896352 | 48.444  | 45.645     |
| 7)                          | B delta-BHC     | 6.405  | 7.066  | 28127923 | 90062125 | 45.245  | 48.763     |
| 8)                          | B Heptachlor... | 7.075  | 8.033  | 27459484 | 75573705 | 44.236  | 50.240     |
| 9)                          | A Endosulfan I  | 7.478  | 8.438  | 26061380 | 68607967 | 44.020  | 49.604     |
| 10)                         | B gamma-Chl...  | 7.353  | 8.302  | 28259538 | 75113764 | 44.152  | 48.829     |
| 11)                         | B alpha-Chl...  | 7.423  | 8.383  | 28345756 | 74026382 | 43.501  | 49.543     |
| 12)                         | B 4,4'-DDE      | 7.637  | 8.570  | 25178282 | 70411320 | 44.519  | 50.336     |
| 13)                         | MA Dieldrin     | 7.765  | 8.728  | 26846874 | 69918399 | 44.212  | 49.792     |
| 14)                         | MA Endrin       | 8.056  | 8.967  | 24985065 | 57954402 | 43.261  | 49.376     |
| 15)                         | B Endosulfa...  | 8.366  | 9.200  | 24294823 | 56162610 | 43.726  | 47.462     |
| 16)                         | A 4,4'-DDD      | 8.221  | 9.109  | 22604519 | 55522530 | 44.446  | 45.266     |
| 17)                         | MA 4,4'-DDT     | 8.483  | 9.427  | 24695085 | 59321020 | 42.903  | 48.419     |
| 18)                         | B Endrin al...  | 8.555  | 9.335  | 19640863 | 44850973 | 43.304  | 47.151     |
| 19)                         | B Endosulfa...  | 8.785  | 9.572  | 25570458 | 54773131 | 43.069  | 48.211     |
| 20)                         | A Methoxychlor  | 9.077  | 9.912  | 15488399 | 30209359 | 41.352  | 47.056     |
| 21)                         | B Endrin ke...  | 9.305  | 10.072 | 29917425 | 60263036 | 43.116  | 46.578     |
| 22)                         | Mirex           | 9.492  | 10.538 | 25411508 | 46037650 | 42.725  | 49.123     |
| 24)                         | Chlordane-2     | 0.000  | 7.567f | 0        | 82701400 | N.D.    | 1443.620 # |
| 25)                         | Chlordane-3     | 7.353  | 8.302  | 28259538 | 75113764 | 434.876 | 350.758    |
| 26)                         | Chlordane-4     | 7.423  | 8.383  | 28345756 | 74026382 | 406.214 | 287.613 #  |
| 27)                         | Chlordane-5     | 8.366  | 0.000  | 24294823 | 0        | 952.576 | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

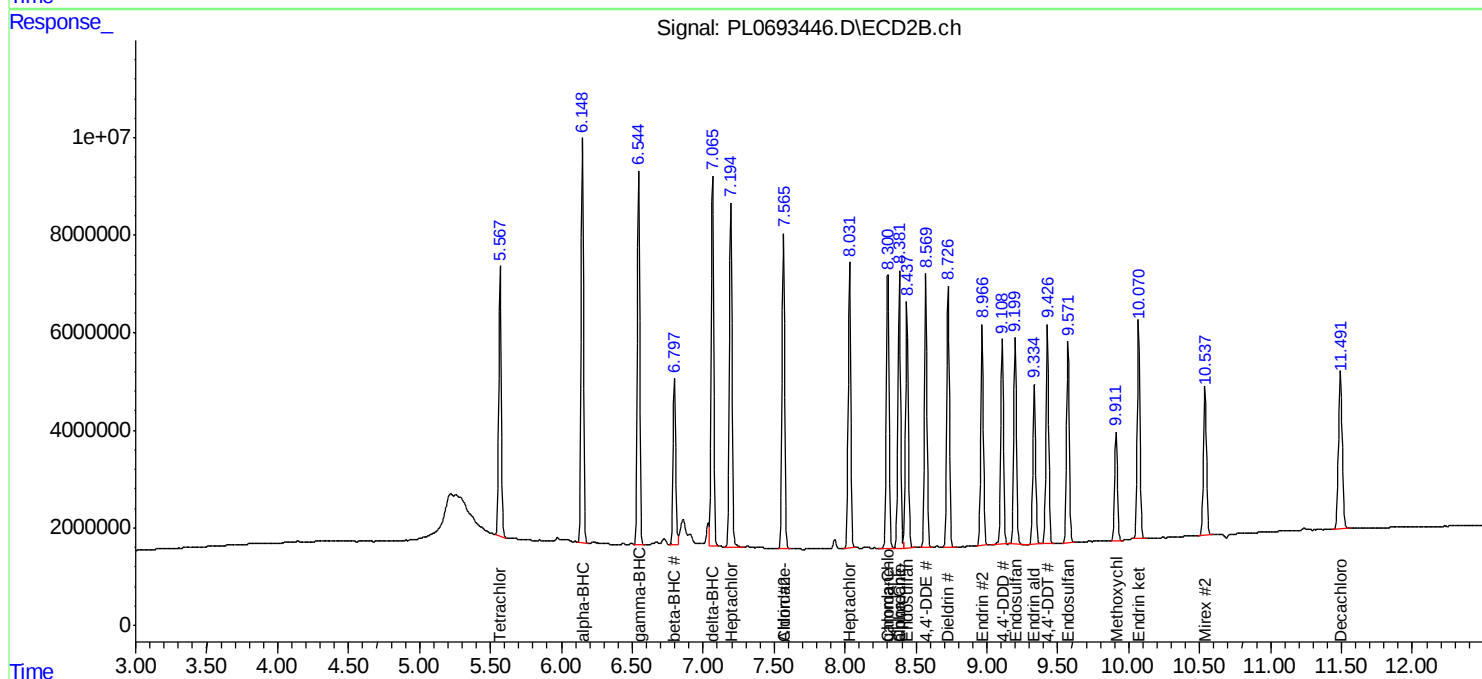
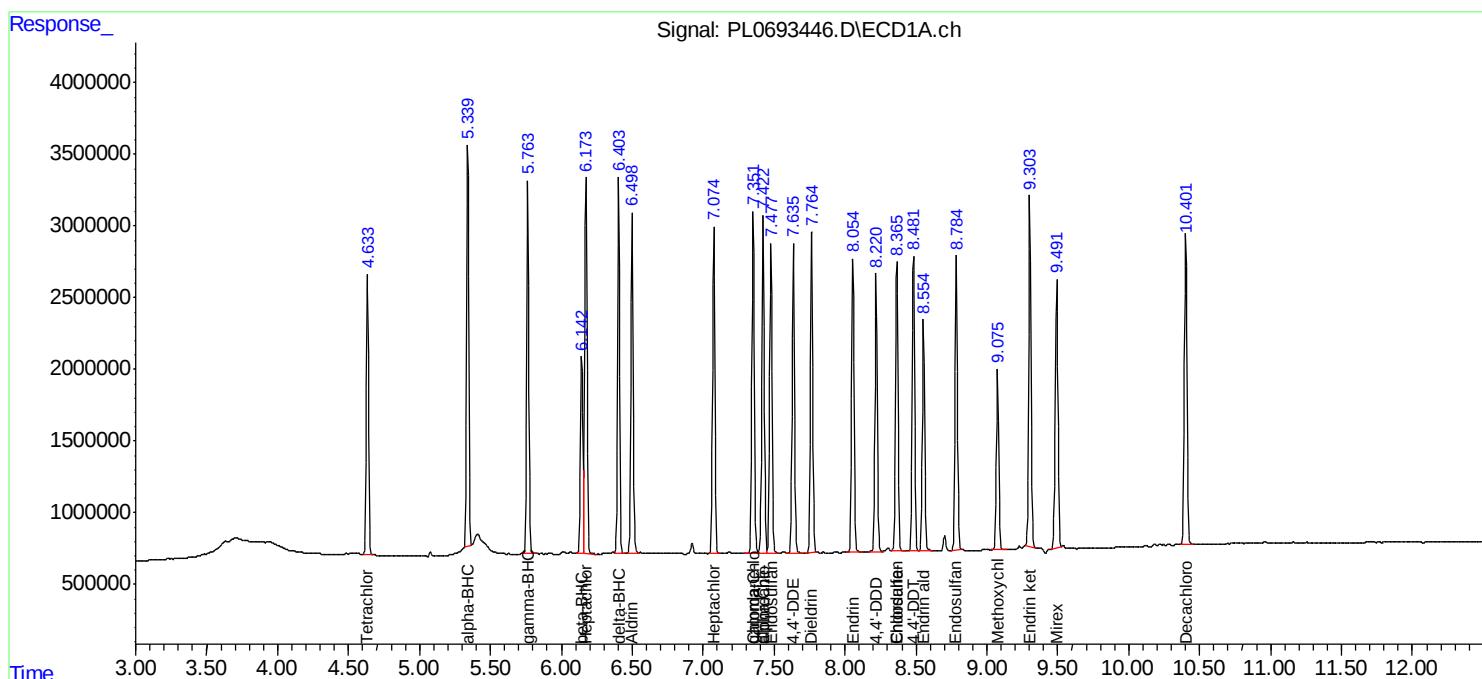
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

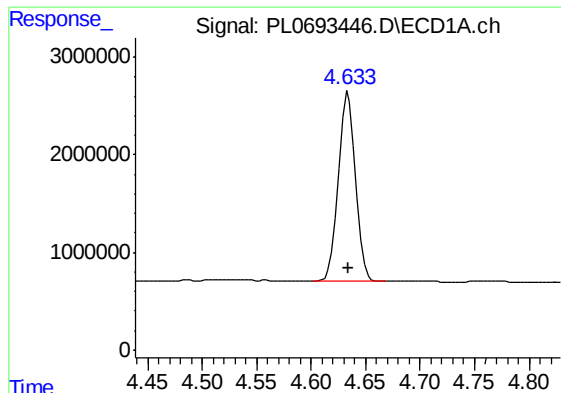
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082521\  
Data File : PL0693446.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Aug 2021 14:55  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 26 03:49:02 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
Quant Title : GC Extractables  
QLast Update : Sat Aug 21 02:23:37 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

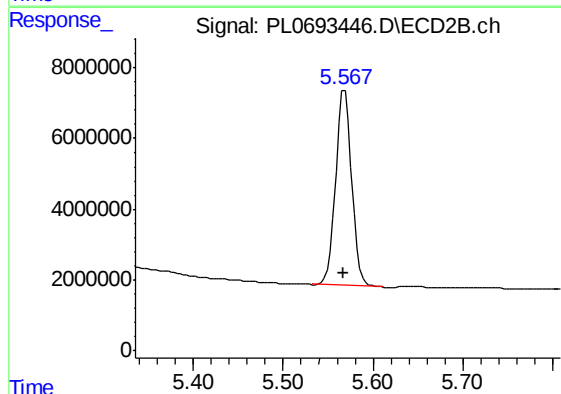




#1 Tetrachloro-m-xylene

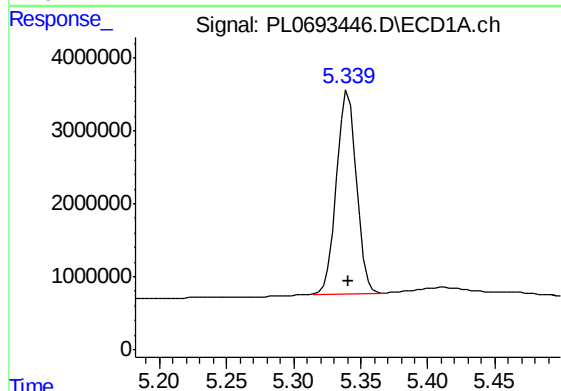
R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 21170628  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



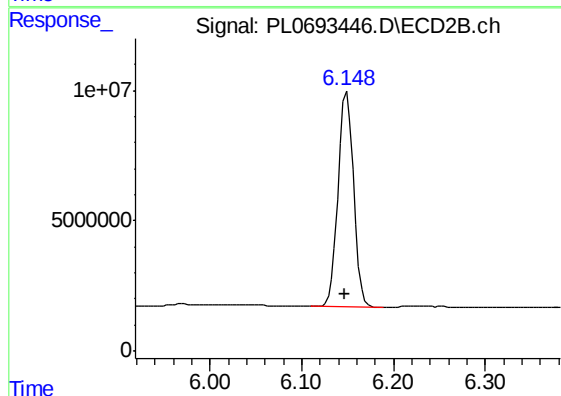
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: 0.002 min  
Response: 68876384  
Conc: 48.08 ng/ml



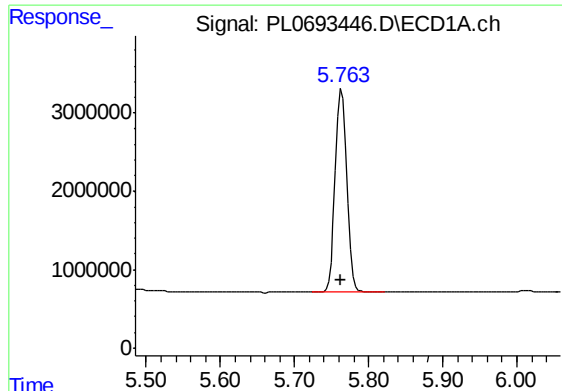
#2 alpha-BHC

R.T.: 5.341 min  
Delta R.T.: 0.000 min  
Response: 28700274  
Conc: 44.84 ng/ml



#2 alpha-BHC

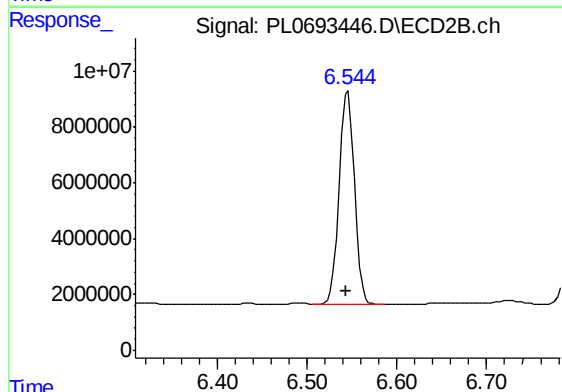
R.T.: 6.149 min  
Delta R.T.: 0.002 min  
Response: 97404913  
Conc: 49.80 ng/ml



#3 gamma-BHC (Lindane)

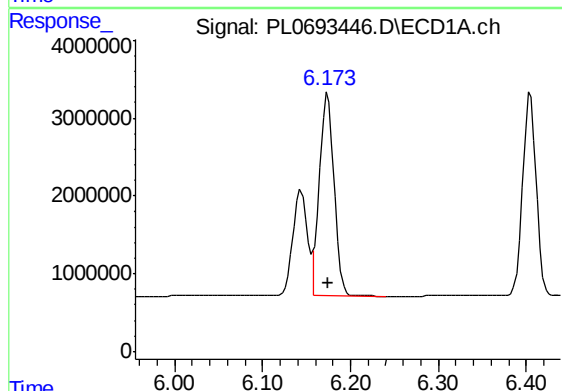
R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 28341876  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



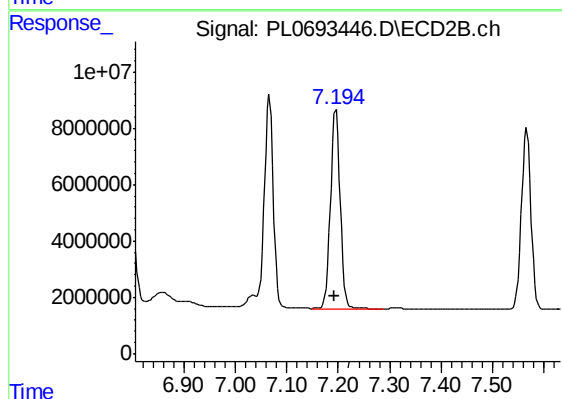
#3 gamma-BHC (Lindane)

R.T.: 6.546 min  
Delta R.T.: 0.002 min  
Response: 90565662  
Conc: 49.35 ng/ml



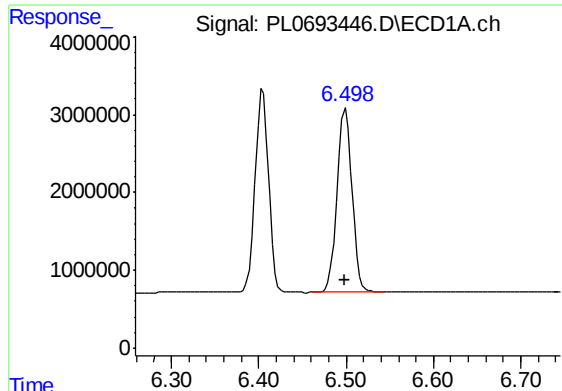
#4 Heptachlor

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 30745187  
Conc: 44.39 ng/ml



#4 Heptachlor

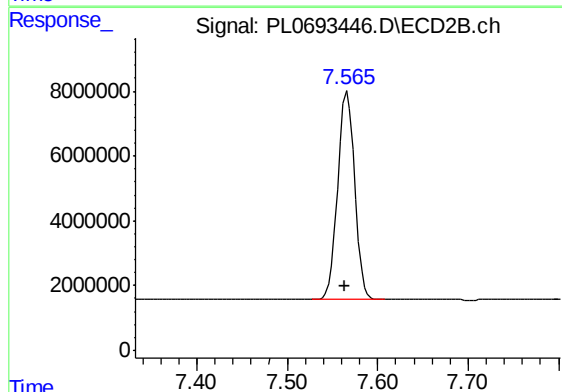
R.T.: 7.195 min  
Delta R.T.: 0.003 min  
Response: 92977440  
Conc: 51.02 ng/ml



#5 Aldrin

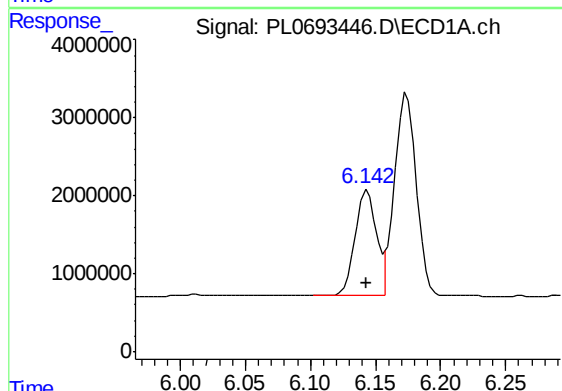
R.T.: 6.500 min  
Delta R.T.: 0.001 min  
Response: 28103056  
Conc: 45.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



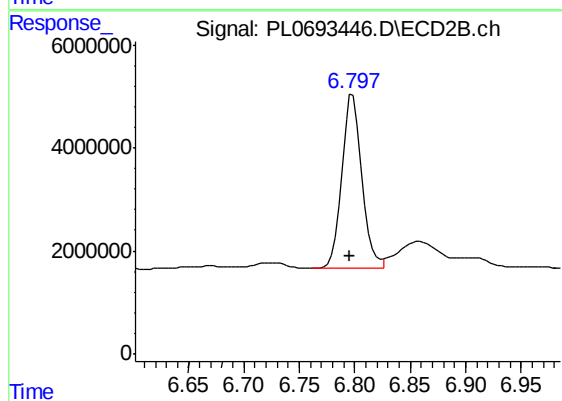
#5 Aldrin

R.T.: 7.567 min  
Delta R.T.: 0.003 min  
Response: 82701400  
Conc: 49.76 ng/ml



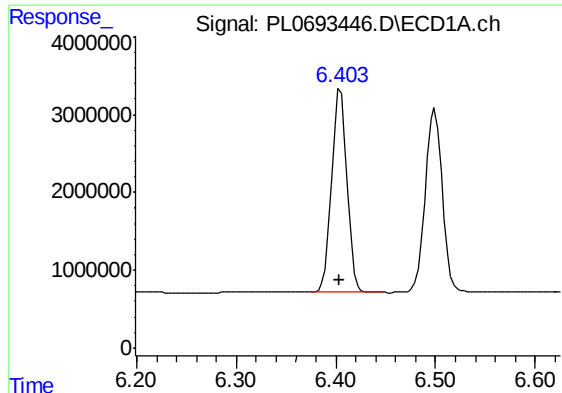
#6 beta-BHC

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 15389885  
Conc: 48.44 ng/ml



#6 beta-BHC

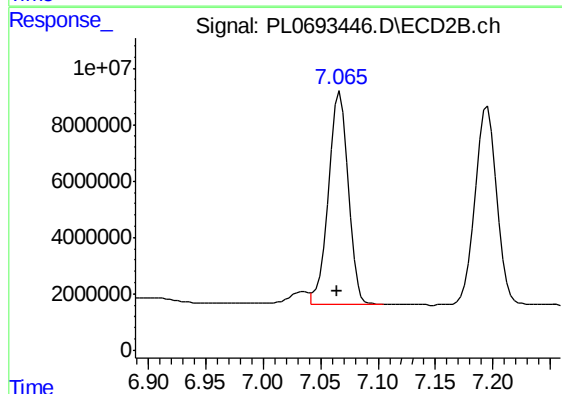
R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 42896352  
Conc: 45.65 ng/ml



#7 delta-BHC

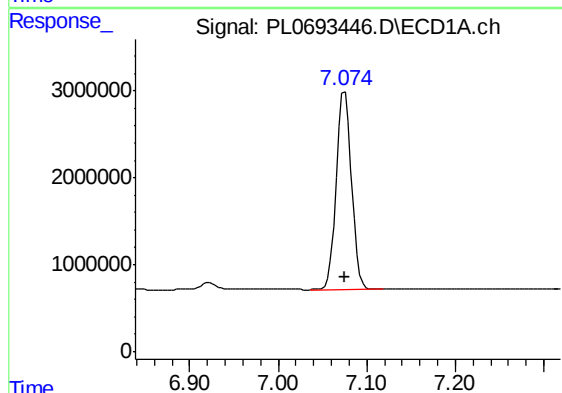
R.T.: 6.405 min  
Delta R.T.: 0.000 min  
Response: 28127923  
Conc: 45.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



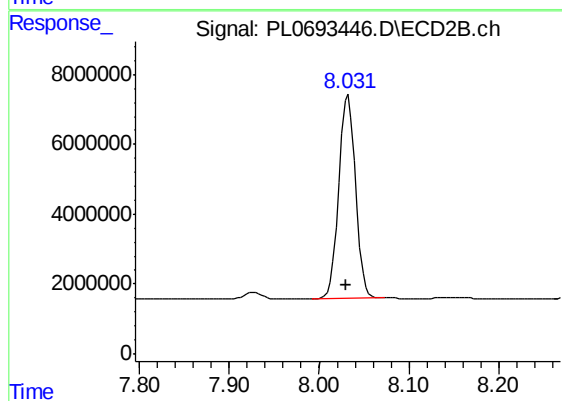
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: 0.003 min  
Response: 90062125  
Conc: 48.76 ng/ml



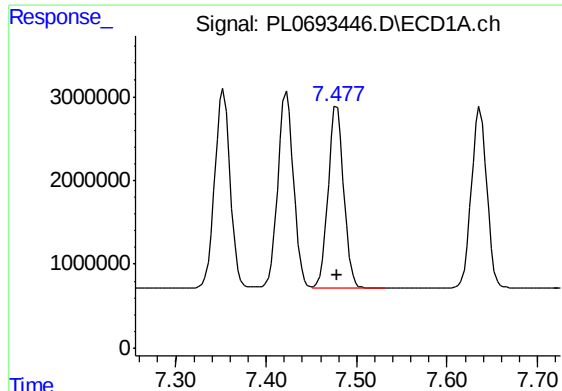
#8 Heptachlor epoxide

R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 27459484  
Conc: 44.24 ng/ml



#8 Heptachlor epoxide

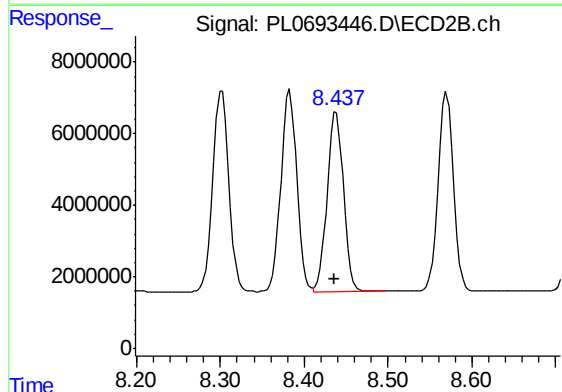
R.T.: 8.033 min  
Delta R.T.: 0.002 min  
Response: 75573705  
Conc: 50.24 ng/ml



#9 Endosulfan I

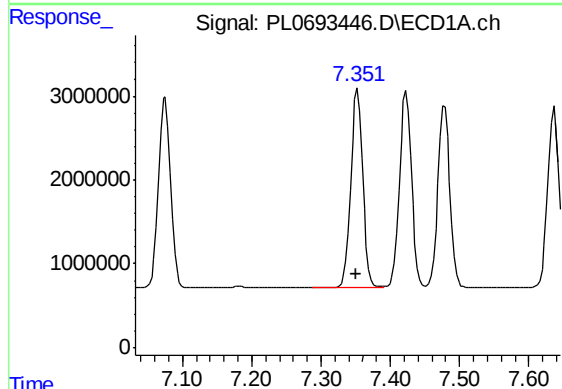
R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 26061380  
Conc: 44.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



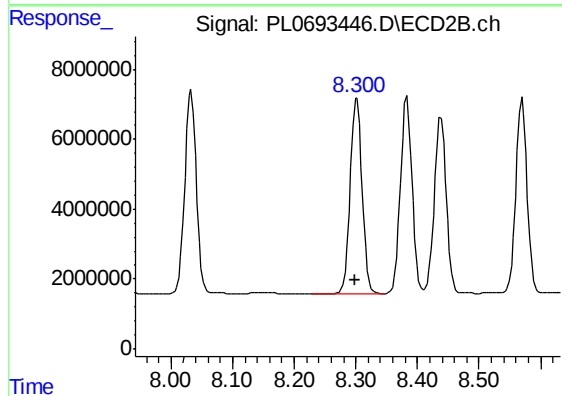
#9 Endosulfan I

R.T.: 8.438 min  
Delta R.T.: 0.003 min  
Response: 68607967  
Conc: 49.60 ng/ml



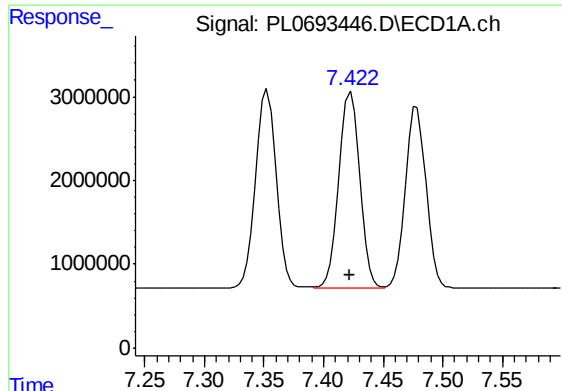
#10 gamma-Chlordane

R.T.: 7.353 min  
Delta R.T.: 0.001 min  
Response: 28259538  
Conc: 44.15 ng/ml



#10 gamma-Chlordane

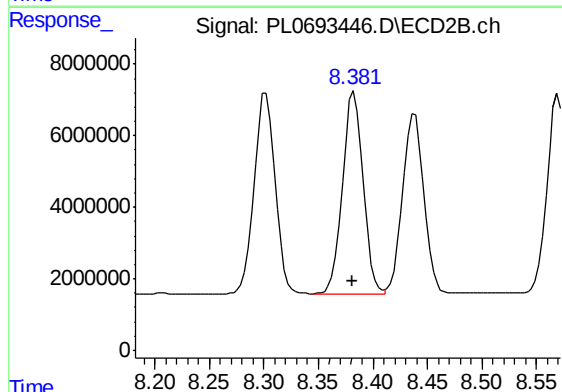
R.T.: 8.302 min  
Delta R.T.: 0.003 min  
Response: 75113764  
Conc: 48.83 ng/ml



#11 alpha-Chlordane

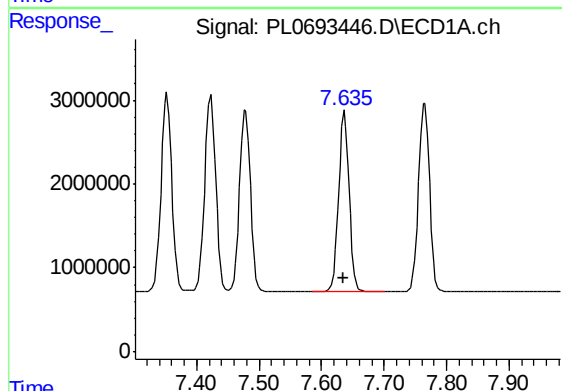
R.T.: 7.423 min  
Delta R.T.: 0.001 min  
Response: 28345756  
Conc: 43.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



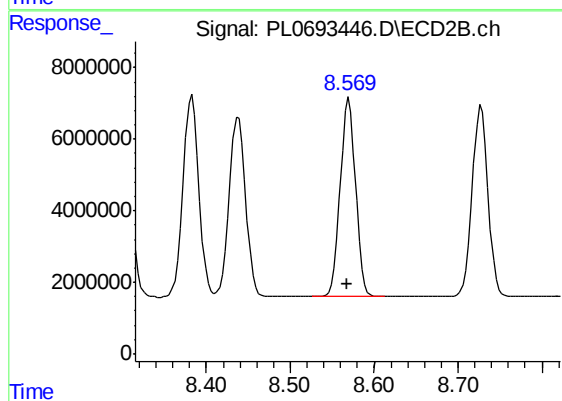
#11 alpha-Chlordane

R.T.: 8.383 min  
Delta R.T.: 0.002 min  
Response: 74026382  
Conc: 49.54 ng/ml



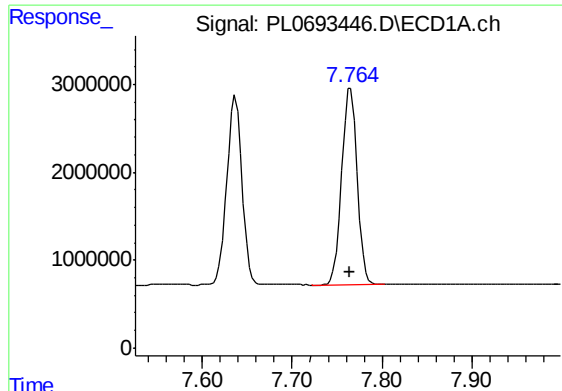
#12 4,4'-DDE

R.T.: 7.637 min  
Delta R.T.: 0.001 min  
Response: 25178282  
Conc: 44.52 ng/ml



#12 4,4'-DDE

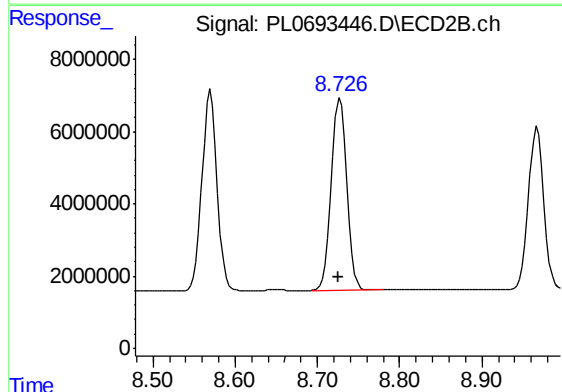
R.T.: 8.570 min  
Delta R.T.: 0.003 min  
Response: 70411320  
Conc: 50.34 ng/ml



#13 Dieldrin

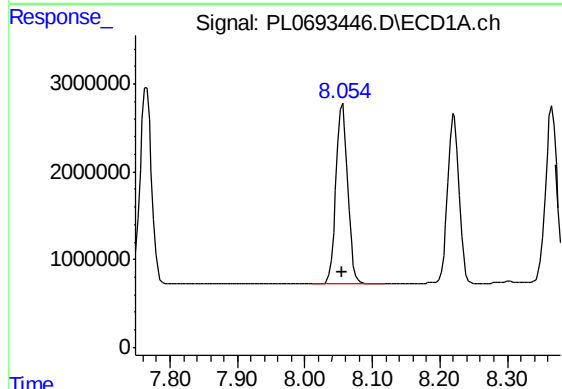
R.T.: 7.765 min  
Delta R.T.: 0.002 min  
Response: 26846874  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



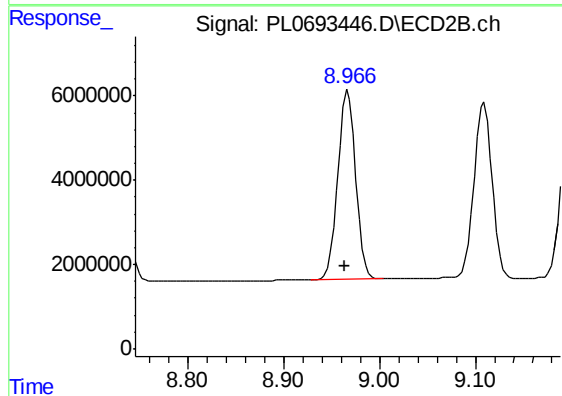
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.003 min  
Response: 69918399  
Conc: 49.79 ng/ml



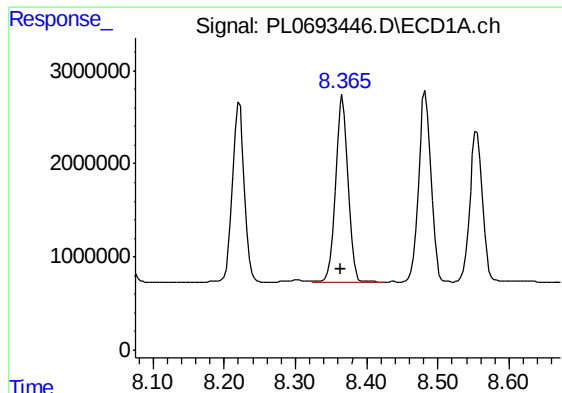
#14 Endrin

R.T.: 8.056 min  
Delta R.T.: 0.001 min  
Response: 24985065  
Conc: 43.26 ng/ml



#14 Endrin

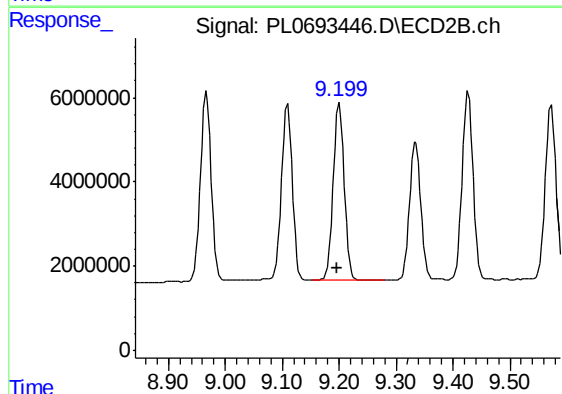
R.T.: 8.967 min  
Delta R.T.: 0.003 min  
Response: 57954402  
Conc: 49.38 ng/ml



#15 Endosulfan II

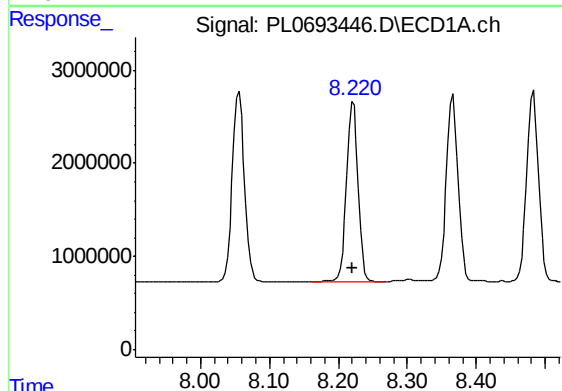
R.T.: 8.366 min  
Delta R.T.: 0.002 min  
Response: 24294823  
Conc: 43.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



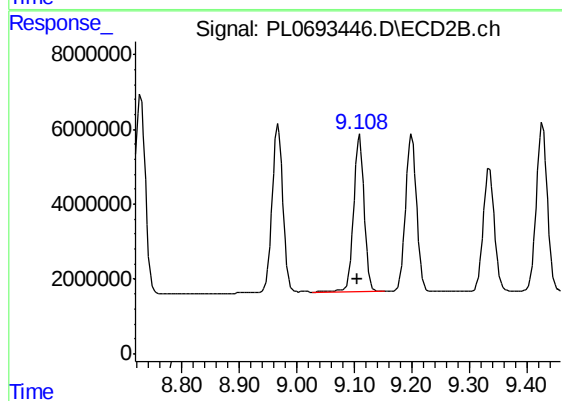
#15 Endosulfan II

R.T.: 9.200 min  
Delta R.T.: 0.003 min  
Response: 56162610  
Conc: 47.46 ng/ml



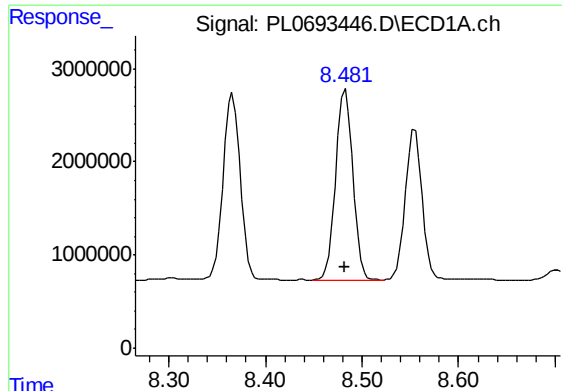
#16 4,4'-DDD

R.T.: 8.221 min  
Delta R.T.: 0.002 min  
Response: 22604519  
Conc: 44.45 ng/ml



#16 4,4'-DDD

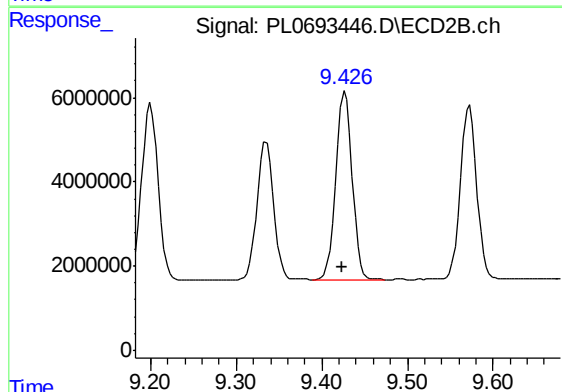
R.T.: 9.109 min  
Delta R.T.: 0.003 min  
Response: 55522530  
Conc: 45.27 ng/ml



#17 4,4'-DDT

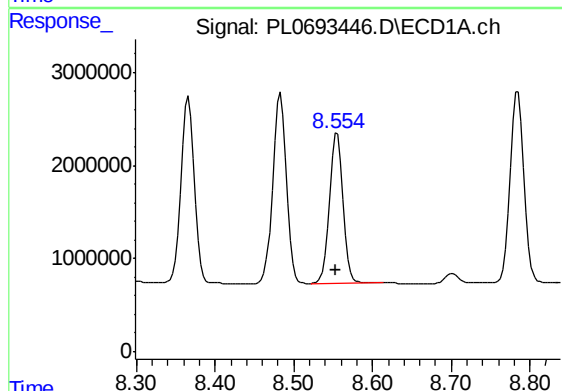
R.T.: 8.483 min  
Delta R.T.: 0.001 min  
Response: 24695085  
Conc: 42.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



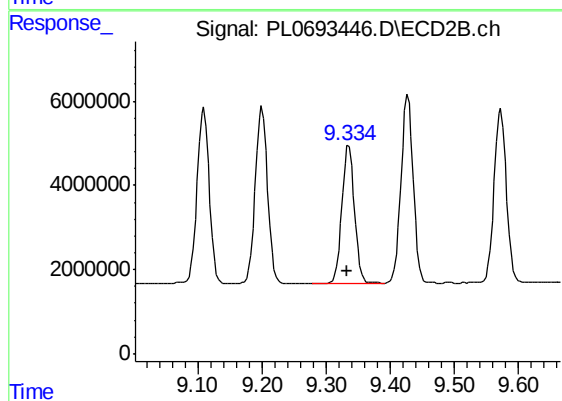
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: 0.003 min  
Response: 59321020  
Conc: 48.42 ng/ml



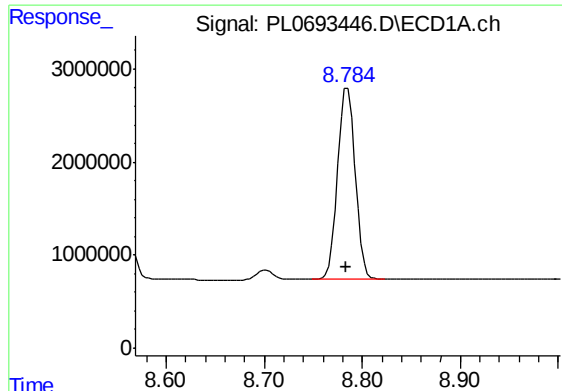
#18 Endrin aldehyde

R.T.: 8.555 min  
Delta R.T.: 0.002 min  
Response: 19640863  
Conc: 43.30 ng/ml



#18 Endrin aldehyde

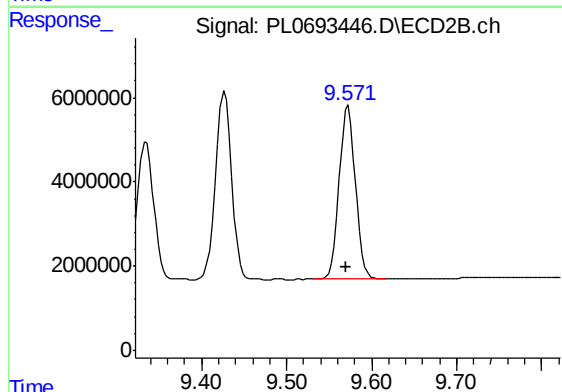
R.T.: 9.335 min  
Delta R.T.: 0.003 min  
Response: 44850973  
Conc: 47.15 ng/ml



#19 Endosulfan Sulfate

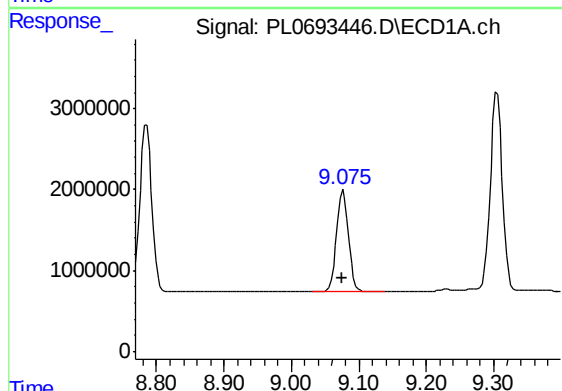
R.T.: 8.785 min  
Delta R.T.: 0.002 min  
Response: 25570458  
Conc: 43.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



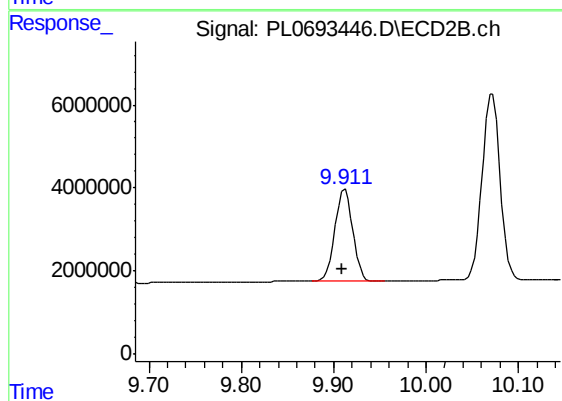
#19 Endosulfan Sulfate

R.T.: 9.572 min  
Delta R.T.: 0.003 min  
Response: 54773131  
Conc: 48.21 ng/ml



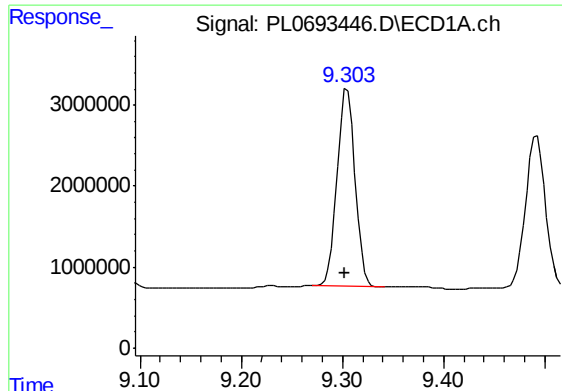
#20 Methoxychlor

R.T.: 9.077 min  
Delta R.T.: 0.002 min  
Response: 15488399  
Conc: 41.35 ng/ml



#20 Methoxychlor

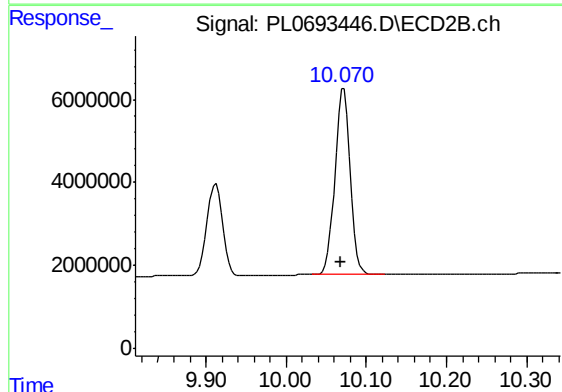
R.T.: 9.912 min  
Delta R.T.: 0.004 min  
Response: 30209359  
Conc: 47.06 ng/ml



#21 Endrin ketone

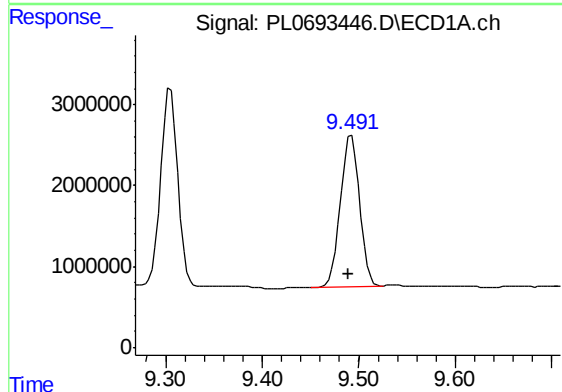
R.T.: 9.305 min  
Delta R.T.: 0.002 min  
Response: 29917425  
Conc: 43.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



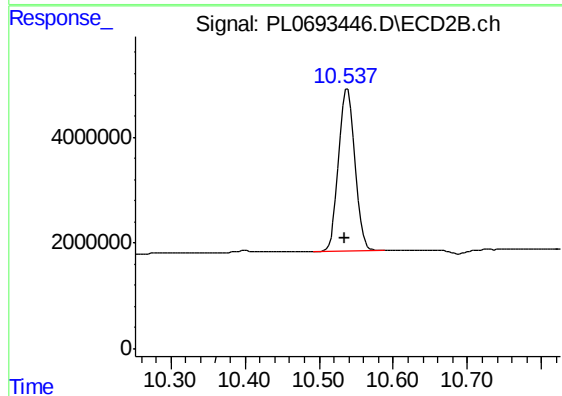
#21 Endrin ketone

R.T.: 10.072 min  
Delta R.T.: 0.004 min  
Response: 60263036  
Conc: 46.58 ng/ml



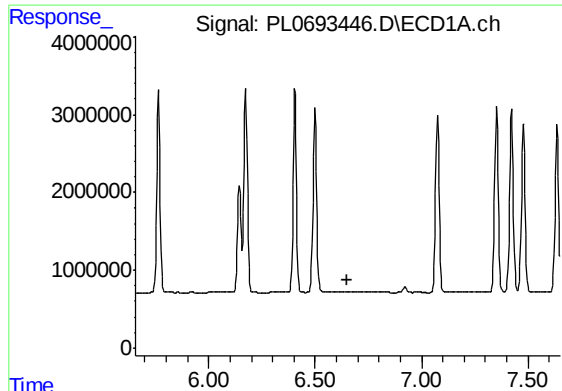
#22 Mirex

R.T.: 9.492 min  
Delta R.T.: 0.002 min  
Response: 25411508  
Conc: 42.72 ng/ml



#22 Mirex

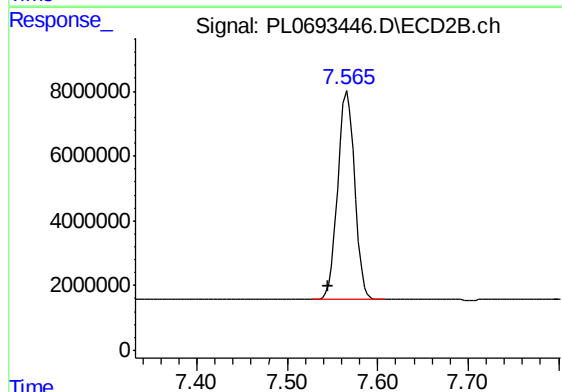
R.T.: 10.538 min  
Delta R.T.: 0.003 min  
Response: 46037650  
Conc: 49.12 ng/ml



#24 Chlordane-2

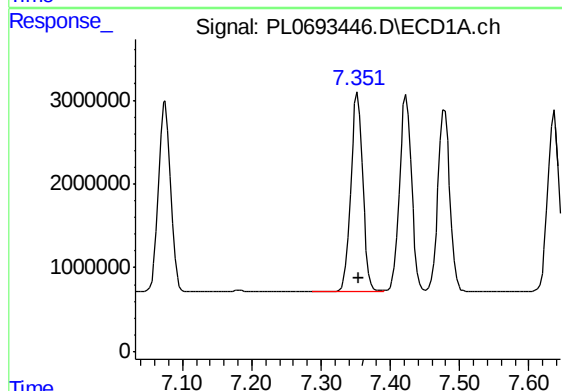
R.T.: 0.000 min  
Exp R.T.: 6.653 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



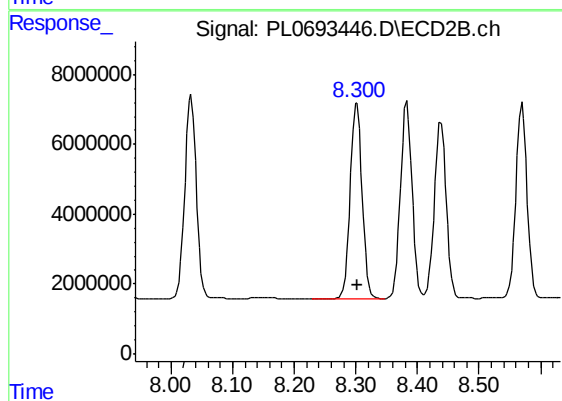
#24 Chlordane-2

R.T.: 7.567 min  
Delta R.T.: 0.021 min  
Response: 82701400  
Conc: 1443.62 ng/ml



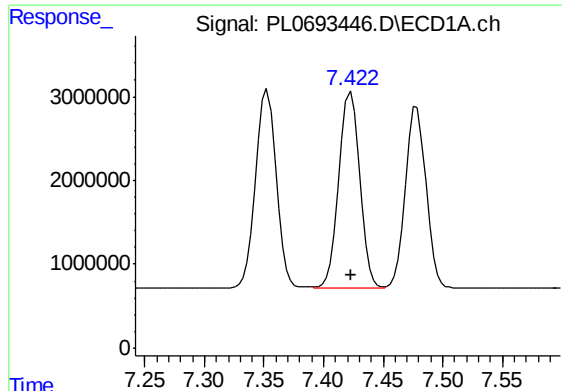
#25 Chlordane-3

R.T.: 7.353 min  
Delta R.T.: -0.001 min  
Response: 28259538  
Conc: 434.88 ng/ml



#25 Chlordane-3

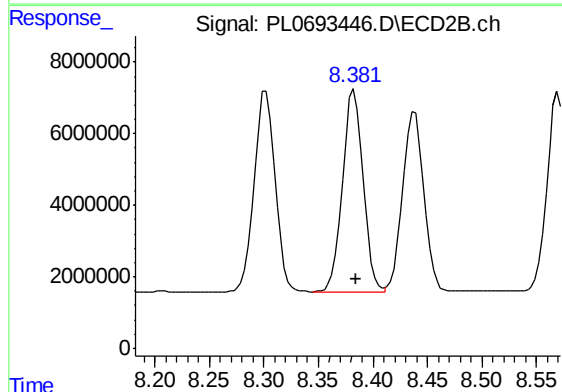
R.T.: 8.302 min  
Delta R.T.: 0.000 min  
Response: 75113764  
Conc: 350.76 ng/ml



#26 Chlordane-4

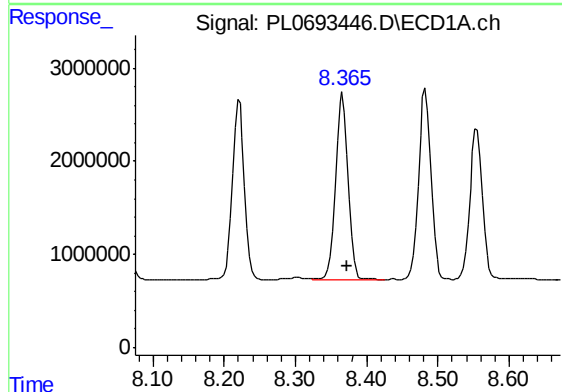
R.T.: 7.423 min  
Delta R.T.: 0.000 min  
Response: 28345756  
Conc: 406.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



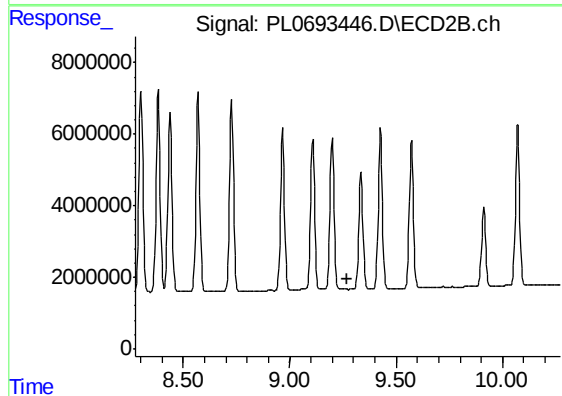
#26 Chlordane-4

R.T.: 8.383 min  
Delta R.T.: -0.002 min  
Response: 74026382  
Conc: 287.61 ng/ml



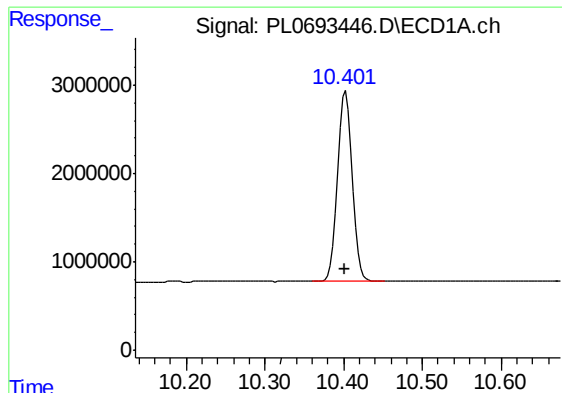
#27 Chlordane-5

R.T.: 8.366 min  
Delta R.T.: -0.006 min  
Response: 24294823  
Conc: 952.58 ng/ml



#27 Chlordane-5

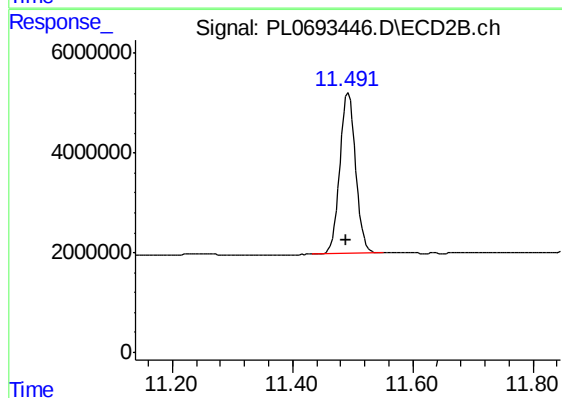
R.T.: 0.000 min  
Exp R.T. : 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.403 min  
Delta R.T.: 0.001 min  
Response: 28727433  
Conc: 42.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.493 min  
Delta R.T.: 0.005 min  
Response: 58958706  
Conc: 48.11 ng/ml