

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
 Data File : PL068398.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2021 19:58  
 Operator : AR\AJ  
 Sample : M3118-04MSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 02:18:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.643  | 5.570  | 8367007  | 20775021 | 19.495   | 20.359     |
| 28)                         | SA Decachlor... | 10.418 | 11.491 | 8128394  | 12982414 | 14.453   | 14.554     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.350  | 6.149  | 30389440 | 67260291 | 51.913   | 49.470     |
| 3)                          | MA gamma-BHC... | 5.773  | 6.546  | 29842042 | 65611688 | 52.498   | 50.854     |
| 4)                          | MA Heptachlor   | 6.185  | 7.195  | 32687024 | 66672230 | 53.628   | 51.156     |
| 5)                          | MB Aldrin       | 6.510  | 7.567  | 30443211 | 59818825 | 54.174   | 50.417     |
| 6)                          | B beta-BHC      | 6.152  | 6.797  | 15789072 | 32990739 | 53.957   | 46.698     |
| 7)                          | B delta-BHC     | 6.413  | 7.066  | 16922576 | 35936256 | 30.288   | 29.331     |
| 8)                          | B Heptachlo...  | 7.087  | 8.032  | 29690614 | 55997920 | 53.444   | 49.528     |
| 9)                          | A Endosulfan I  | 7.490  | 8.437  | 27531977 | 51220392 | 52.117   | 49.749     |
| 10)                         | B gamma-Chl...  | 7.364  | 8.301  | 30800432 | 55542321 | 53.681   | 49.318     |
| 11)                         | B alpha-Chl...  | 7.435  | 8.382  | 30401138 | 55623036 | 52.932   | 49.456     |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.569  | 27776233 | 48566454 | 55.120   | 47.125     |
| 13)                         | MA Dieldrin     | 7.777  | 8.727  | 29503347 | 53095441 | 54.810   | 50.060     |
| 14)                         | MA Endrin       | 8.068  | 8.966  | 27252699 | 44556755 | 54.495   | 49.830     |
| 15)                         | B Endosulfa...  | 8.378  | 9.199  | 26352197 | 45635105 | 53.376   | 50.348     |
| 16)                         | A 4,4'-DDD      | 8.234  | 9.108  | 23041169 | 41636777 | 51.583   | 48.899     |
| 17)                         | MA 4,4'-DDT     | 8.495  | 9.426  | 25730189 | 42552563 | 51.297   | 45.084     |
| 18)                         | B Endrin al...  | 8.566  | 9.334  | 23089479 | 38664998 | 58.287   | 53.647     |
| 19)                         | B Endosulfa...  | 8.797  | 9.571  | 25865567 | 41284836 | 49.224   | 45.848     |
| 20)                         | A Methoxychlor  | 9.091  | 9.910  | 16126783 | 24578296 | 51.555   | 48.379     |
| 21)                         | B Endrin ke...  | 9.316  | 10.070 | 30781553 | 48534587 | 51.986   | 48.665     |
| 22)                         | Mirex           | 9.506  | 10.536 | 25203436 | 36699818 | 51.037   | 47.438     |
| 23)                         | Chlordane-1     | 0.000  | 6.983f | 0        | 132321   | N.D.     | 3.266 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.567f | 0        | 59818825 | N.D.     | 1437.780 # |
| 25)                         | Chlordane-3     | 7.364  | 8.301  | 30800432 | 55542321 | 571.927  | 358.639 #  |
| 26)                         | Chlordane-4     | 7.435  | 8.382  | 30401138 | 55623036 | 538.457  | 296.687 #  |
| 27)                         | Chlordane-5     | 8.378  | 0.000  | 26352197 | 0        | 1309.344 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

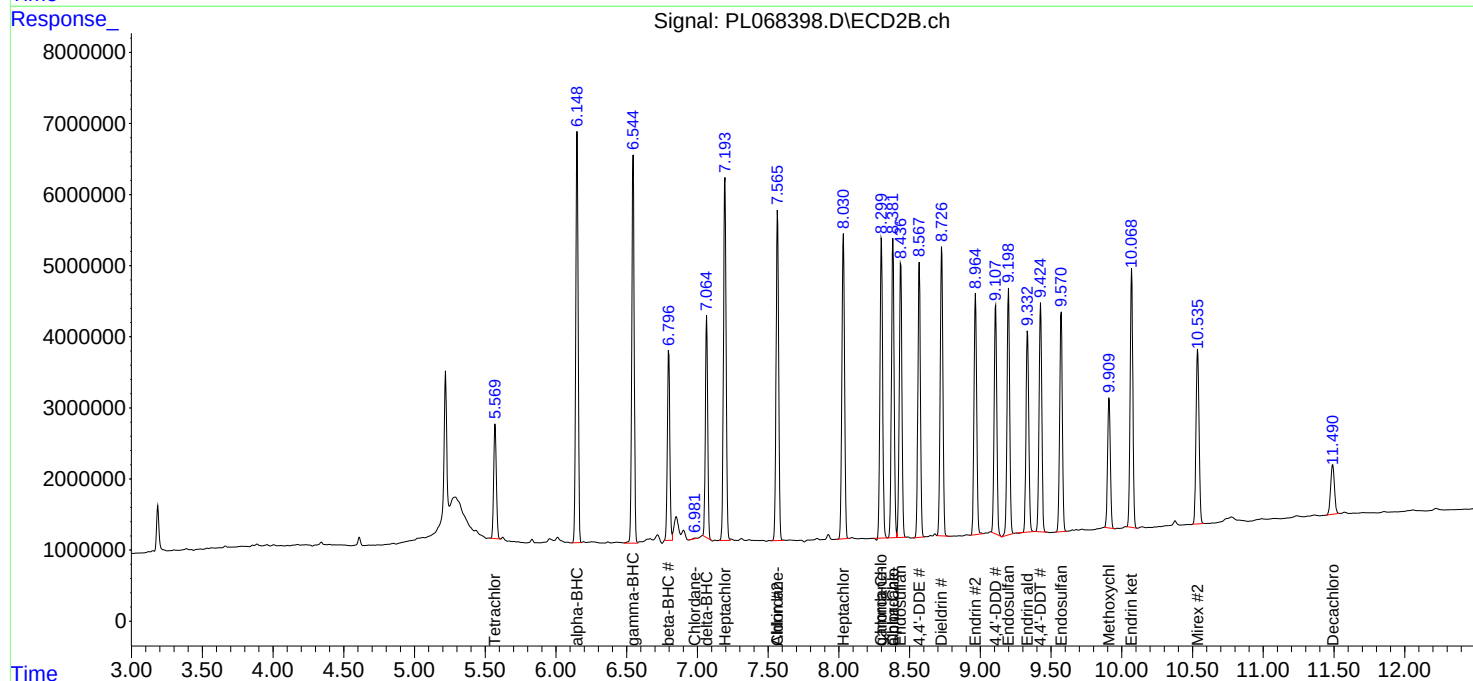
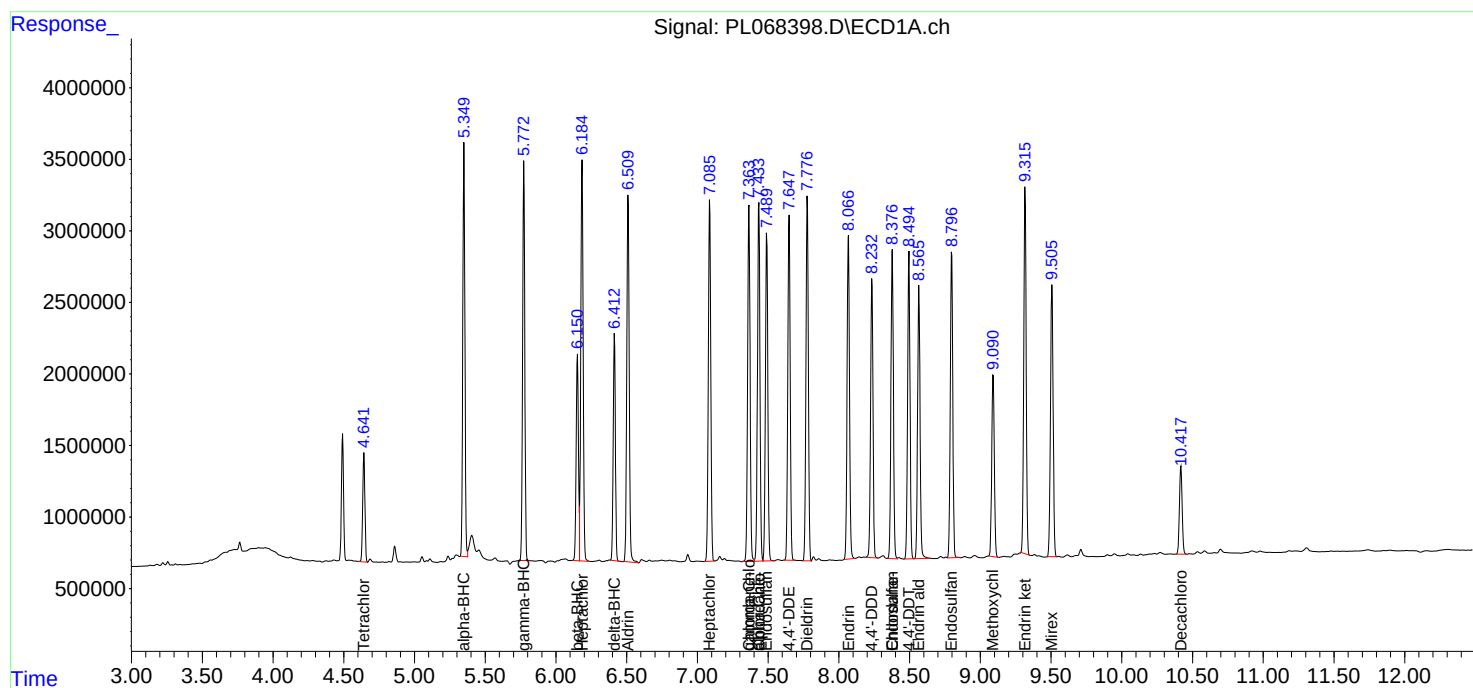
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

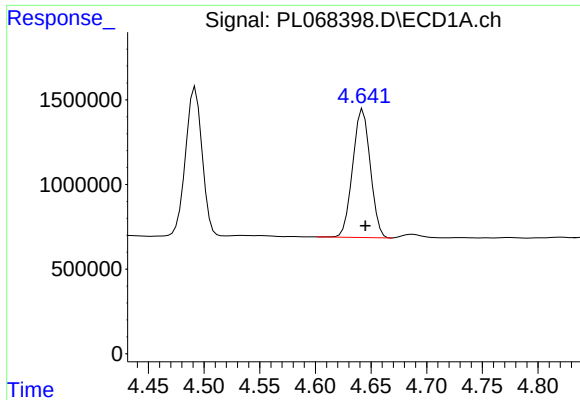
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
Data File : PL068398.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2021 19:58  
Operator : AR\AJ  
Sample : M3118-04MSD  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 02:18:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 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

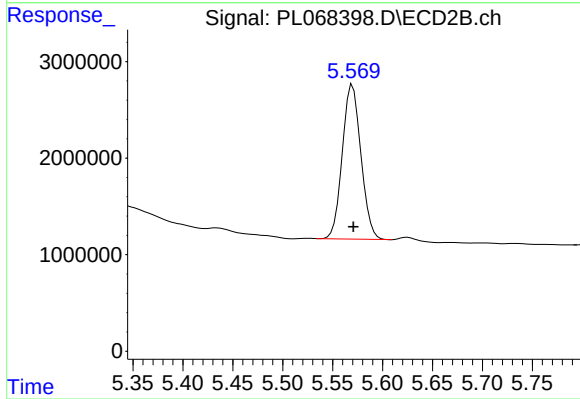




#1 Tetrachloro-m-xylene

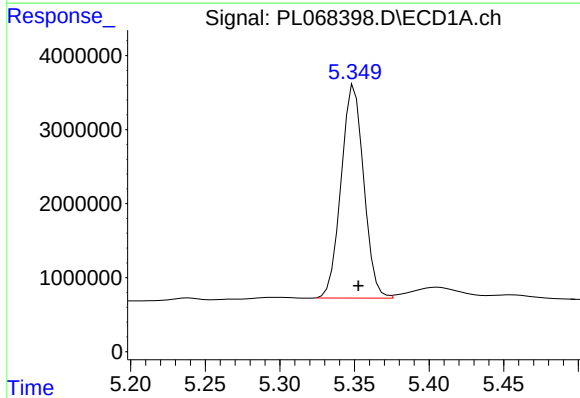
R.T.: 4.643 min  
Delta R.T.: -0.002 min  
Response: 8367007  
Conc: 19.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



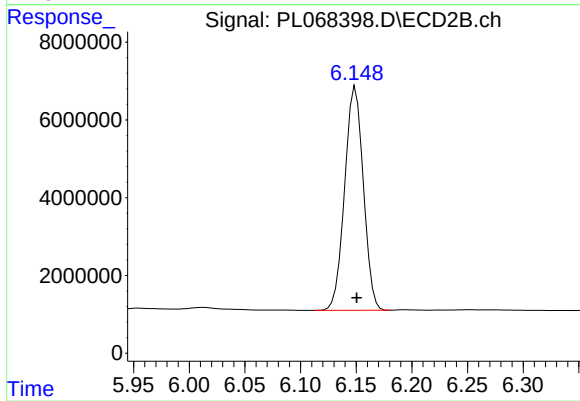
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 20775021  
Conc: 20.36 ng/ml



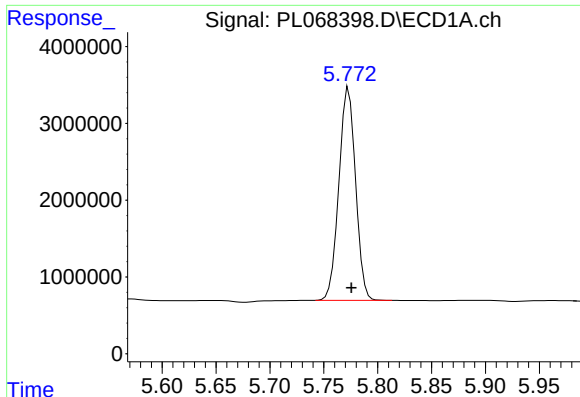
#2 alpha-BHC

R.T.: 5.350 min  
Delta R.T.: -0.003 min  
Response: 30389440  
Conc: 51.91 ng/ml



#2 alpha-BHC

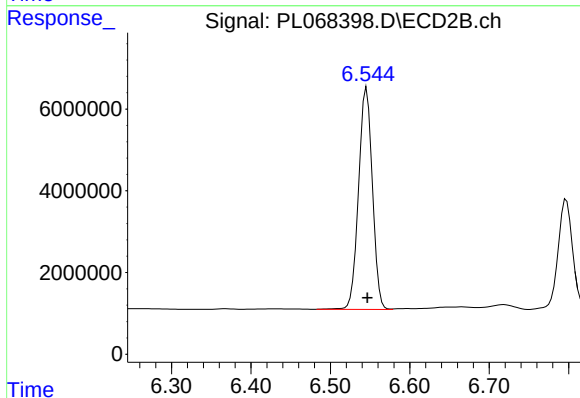
R.T.: 6.149 min  
Delta R.T.: -0.001 min  
Response: 67260291  
Conc: 49.47 ng/ml



#3 gamma-BHC (Lindane)

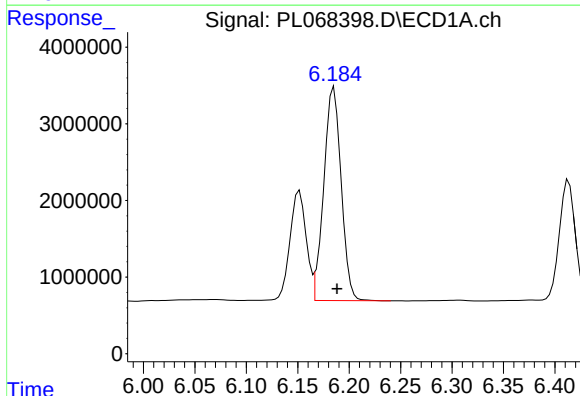
R.T.: 5.773 min  
Delta R.T.: -0.003 min  
Response: 29842042  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



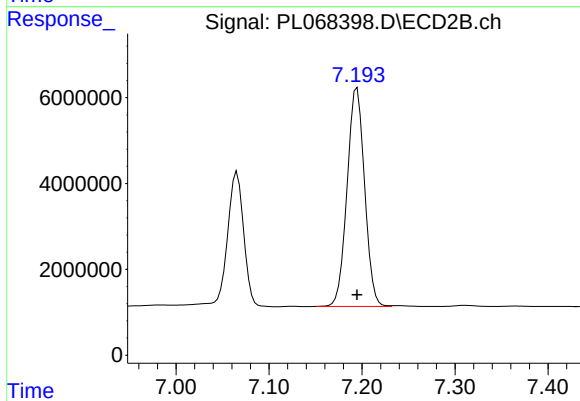
#3 gamma-BHC (Lindane)

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 65611688  
Conc: 50.85 ng/ml



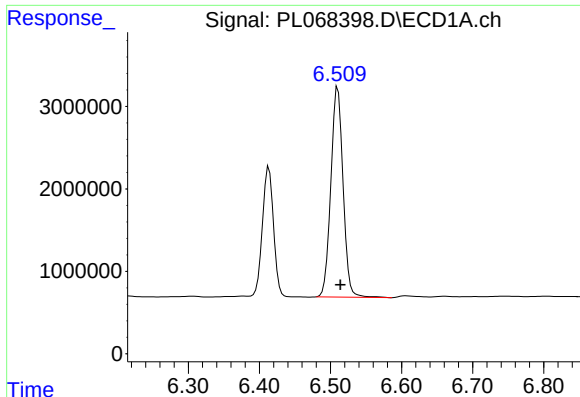
#4 Heptachlor

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 32687024  
Conc: 53.63 ng/ml



#4 Heptachlor

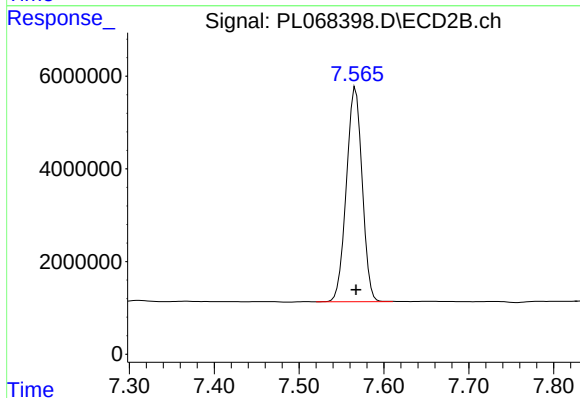
R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 66672230  
Conc: 51.16 ng/ml



#5 Aldrin

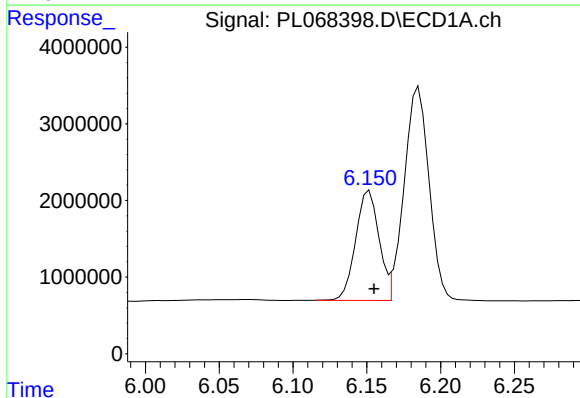
R.T.: 6.510 min  
Delta R.T.: -0.003 min  
Response: 30443211  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



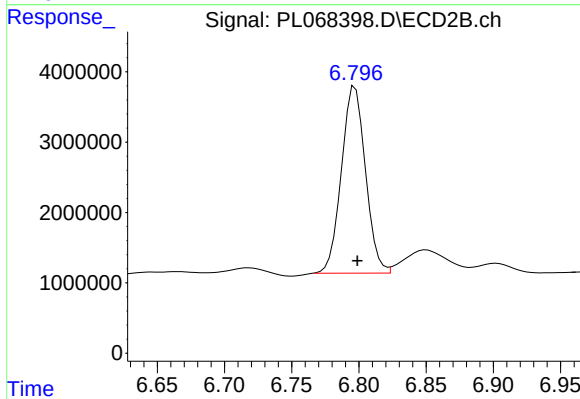
#5 Aldrin

R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 59818825  
Conc: 50.42 ng/ml



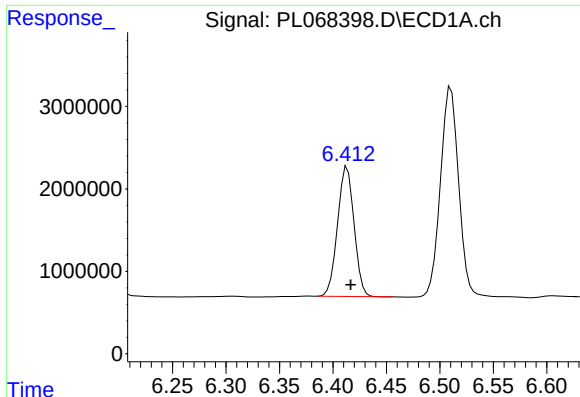
#6 beta-BHC

R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 15789072  
Conc: 53.96 ng/ml



#6 beta-BHC

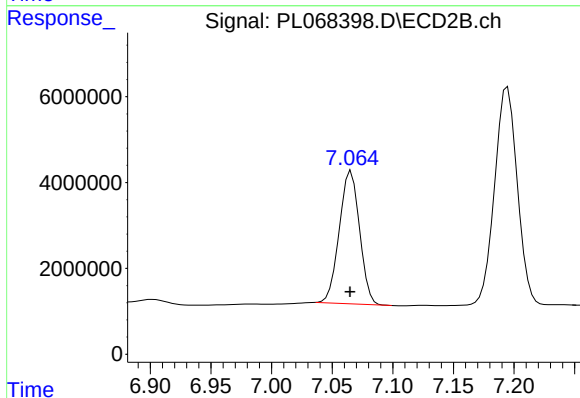
R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 32990739  
Conc: 46.70 ng/ml



#7 delta-BHC

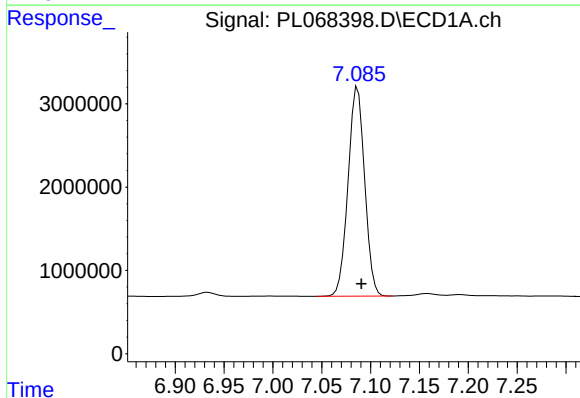
R.T.: 6.413 min  
Delta R.T.: -0.003 min  
Response: 16922576  
Conc: 30.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



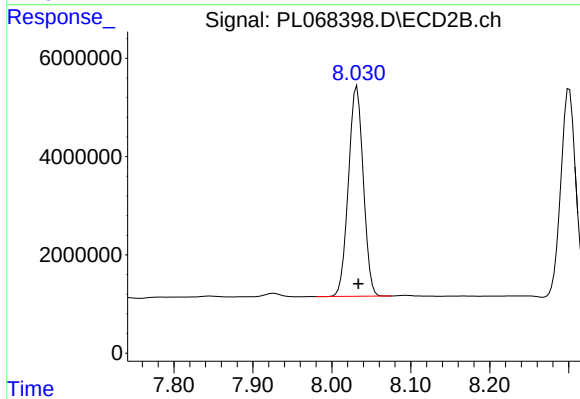
#7 delta-BHC

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 35936256  
Conc: 29.33 ng/ml



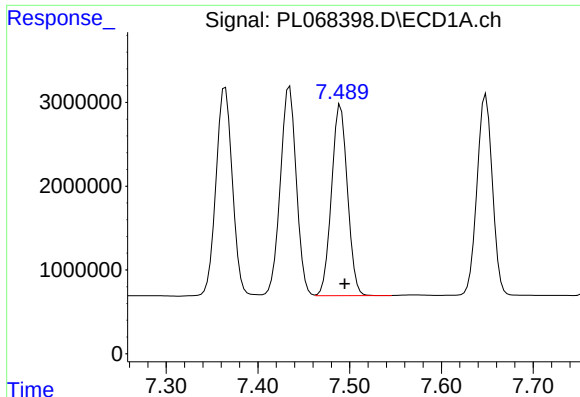
#8 Heptachlor epoxide

R.T.: 7.087 min  
Delta R.T.: -0.004 min  
Response: 29690614  
Conc: 53.44 ng/ml



#8 Heptachlor epoxide

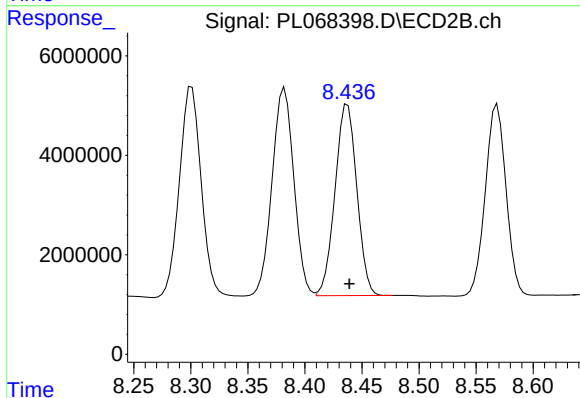
R.T.: 8.032 min  
Delta R.T.: -0.002 min  
Response: 55997920  
Conc: 49.53 ng/ml



#9 Endosulfan I

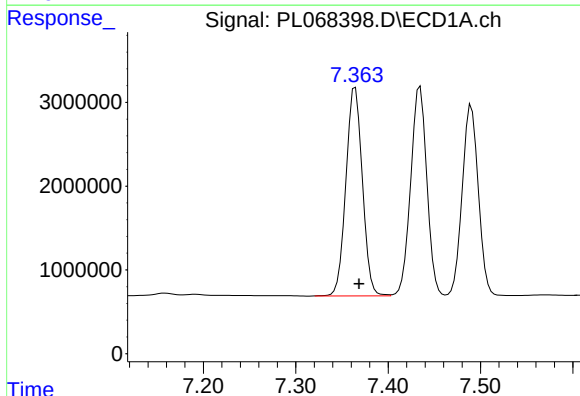
R.T.: 7.490 min  
Delta R.T.: -0.004 min  
Response: 27531977  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



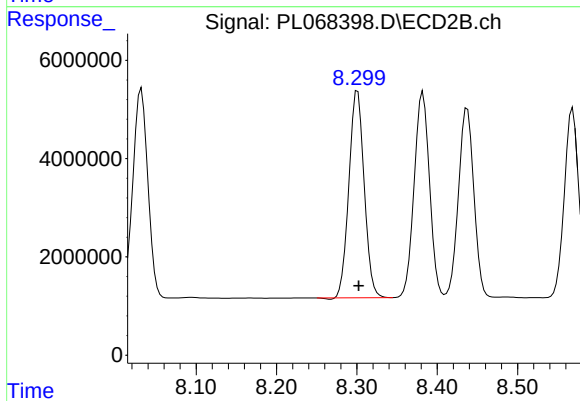
#9 Endosulfan I

R.T.: 8.437 min  
Delta R.T.: -0.002 min  
Response: 51220392  
Conc: 49.75 ng/ml



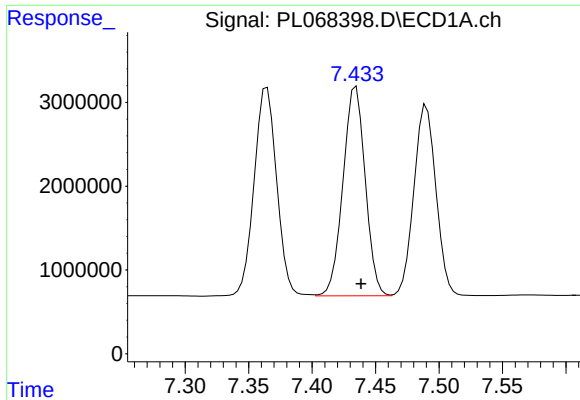
#10 gamma-Chlordane

R.T.: 7.364 min  
Delta R.T.: -0.004 min  
Response: 30800432  
Conc: 53.68 ng/ml



#10 gamma-Chlordane

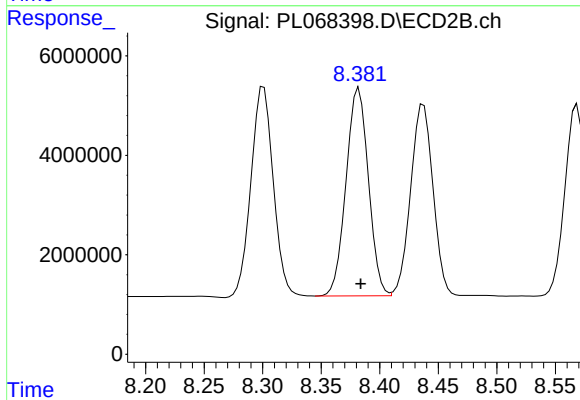
R.T.: 8.301 min  
Delta R.T.: -0.002 min  
Response: 55542321  
Conc: 49.32 ng/ml



#11 alpha-Chlordane

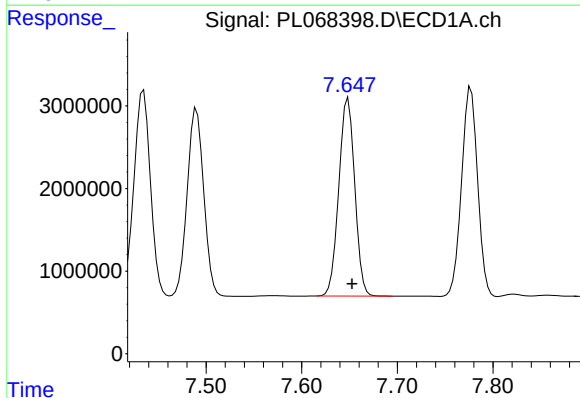
R.T.: 7.435 min  
Delta R.T.: -0.004 min  
Response: 30401138  
Conc: 52.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



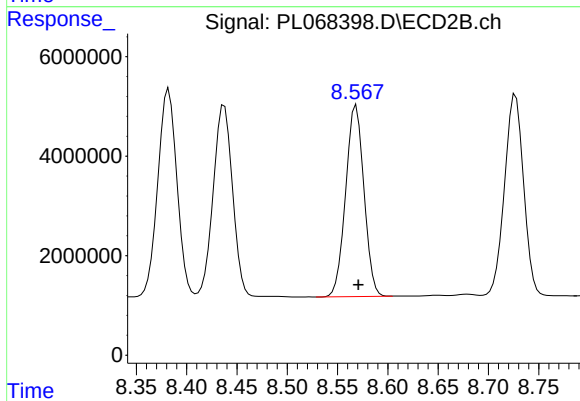
#11 alpha-Chlordane

R.T.: 8.382 min  
Delta R.T.: -0.001 min  
Response: 55623036  
Conc: 49.46 ng/ml



#12 4,4'-DDE

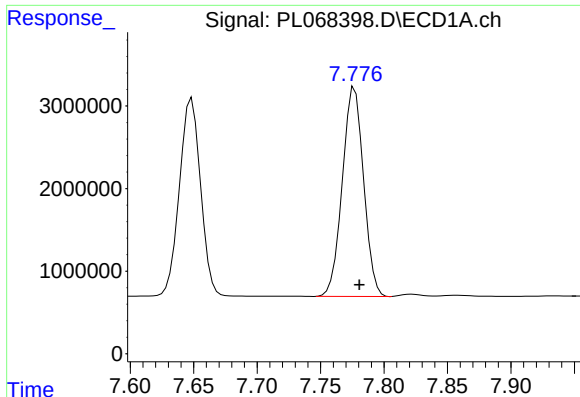
R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 27776233  
Conc: 55.12 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 48566454  
Conc: 47.13 ng/ml

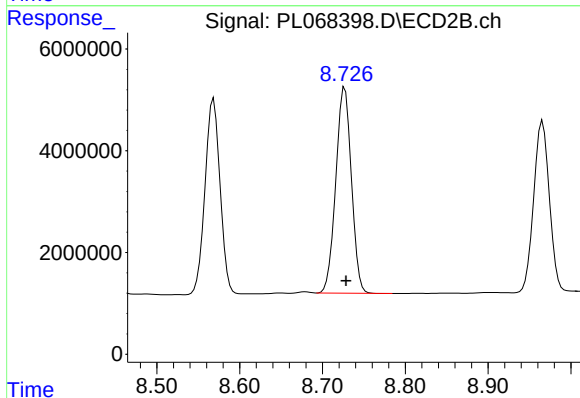




#13 Dieldrin

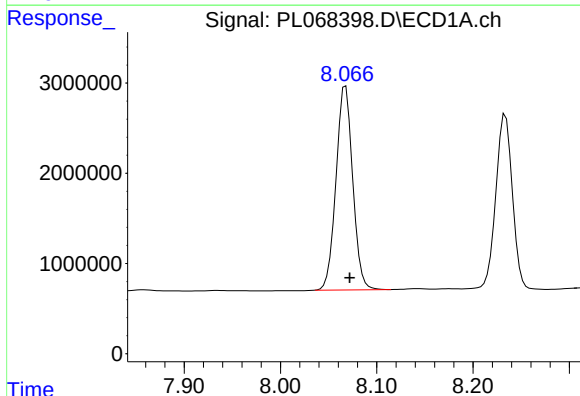
R.T.: 7.777 min  
Delta R.T.: -0.004 min  
Response: 29503347  
Conc: 54.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



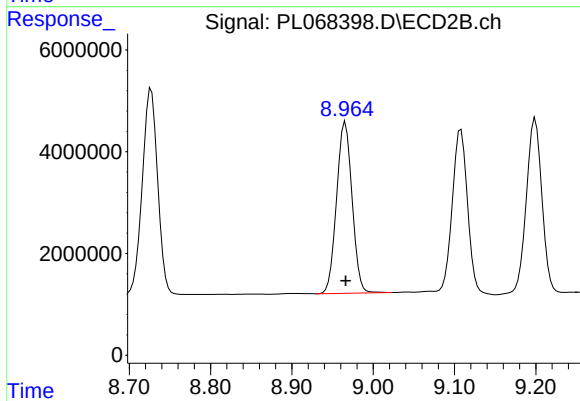
#13 Dieldrin

R.T.: 8.727 min  
Delta R.T.: -0.001 min  
Response: 53095441  
Conc: 50.06 ng/ml



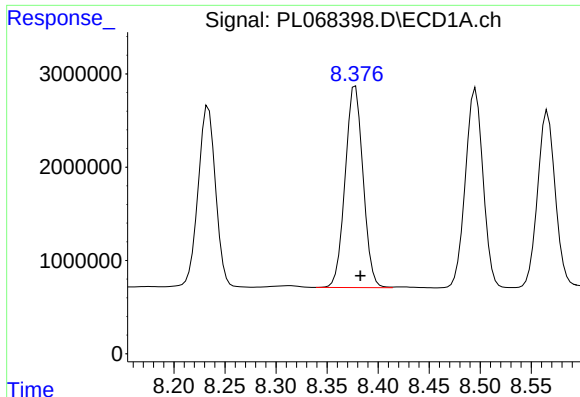
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.004 min  
Response: 27252699  
Conc: 54.50 ng/ml



#14 Endrin

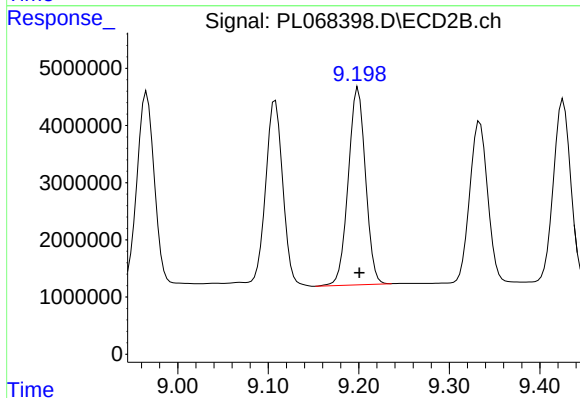
R.T.: 8.966 min  
Delta R.T.: 0.000 min  
Response: 44556755  
Conc: 49.83 ng/ml



#15 Endosulfan II

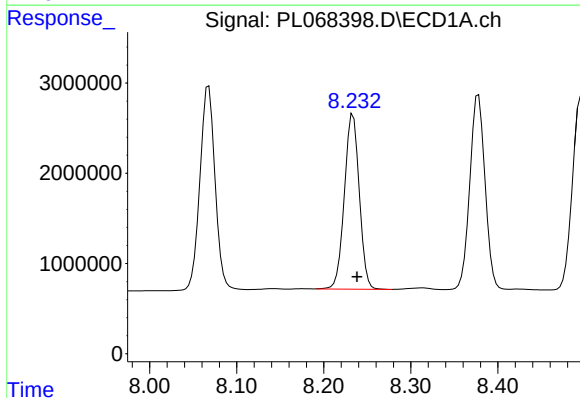
R.T.: 8.378 min  
Delta R.T.: -0.005 min  
Response: 26352197  
Conc: 53.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



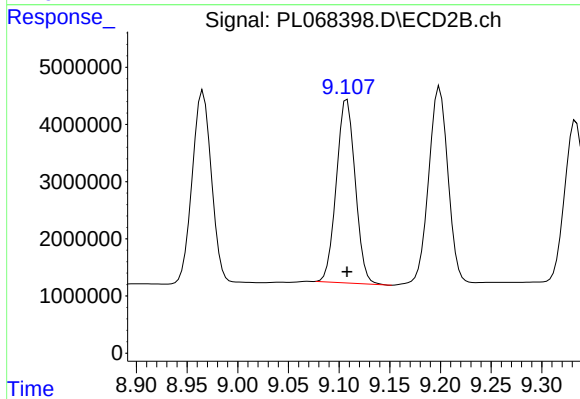
#15 Endosulfan II

R.T.: 9.199 min  
Delta R.T.: -0.001 min  
Response: 45635105  
Conc: 50.35 ng/ml



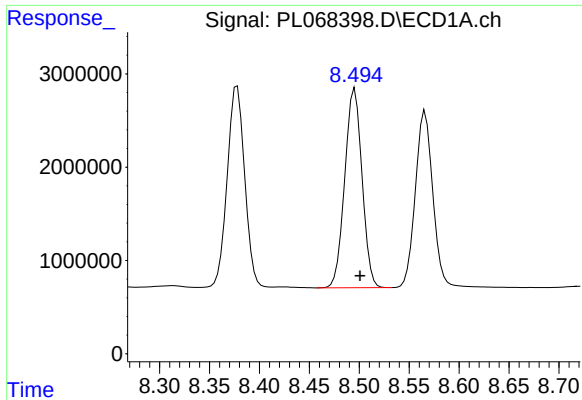
#16 4,4'-DDD

R.T.: 8.234 min  
Delta R.T.: -0.005 min  
Response: 23041169  
Conc: 51.58 ng/ml



#16 4,4'-DDD

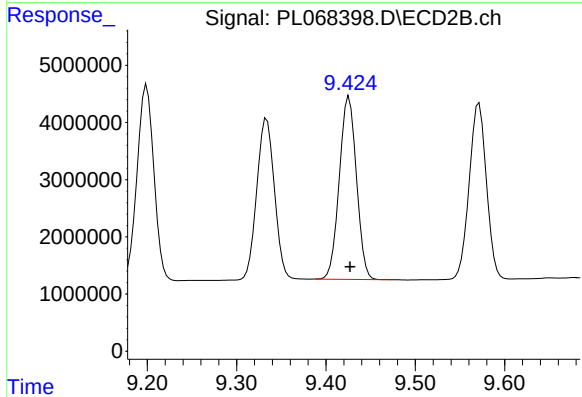
R.T.: 9.108 min  
Delta R.T.: 0.000 min  
Response: 41636777  
Conc: 48.90 ng/ml



#17 4,4'-DDT

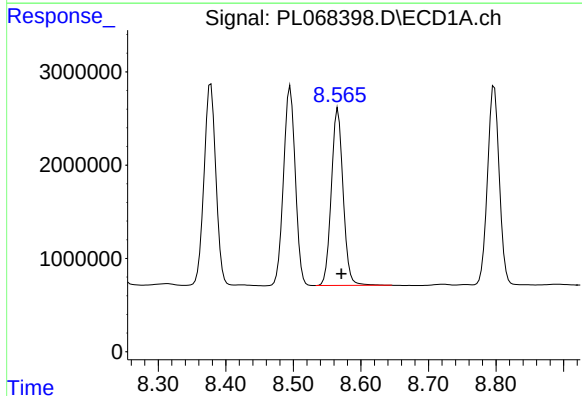
R.T.: 8.495 min  
Delta R.T.: -0.005 min  
Response: 25730189  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



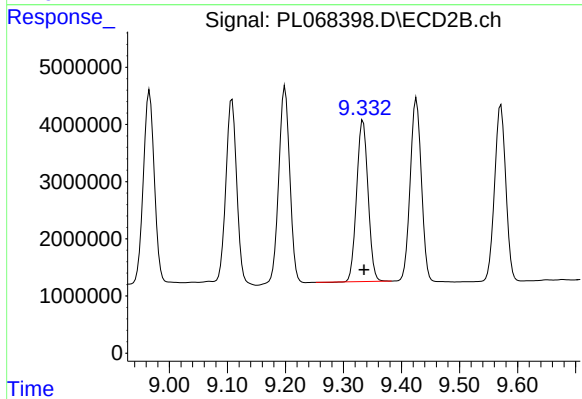
#17 4,4'-DDT

R.T.: 9.426 min  
Delta R.T.: -0.001 min  
Response: 42552563  
Conc: 45.08 ng/ml



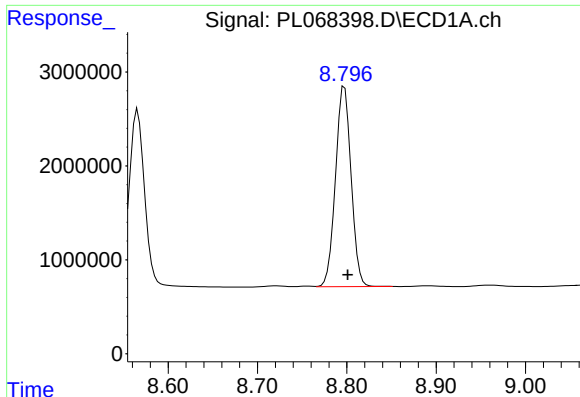
#18 Endrin aldehyde

R.T.: 8.566 min  
Delta R.T.: -0.005 min  
Response: 23089479  
Conc: 58.29 ng/ml



#18 Endrin aldehyde

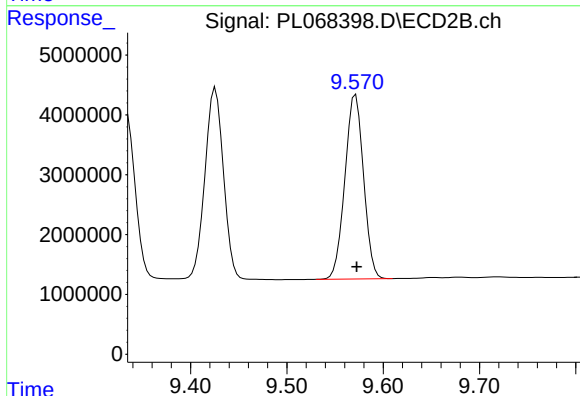
R.T.: 9.334 min  
Delta R.T.: -0.002 min  
Response: 38664998  
Conc: 53.65 ng/ml



#19 Endosulfan Sulfate

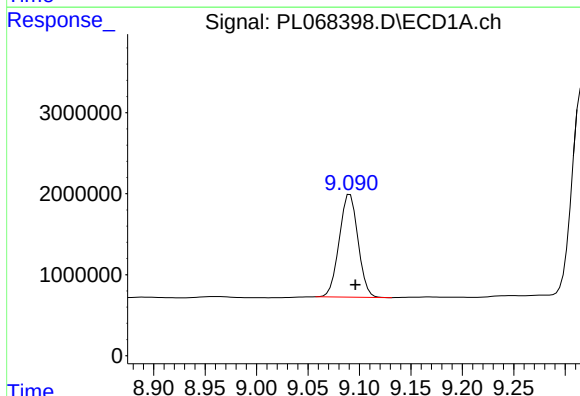
R.T.: 8.797 min  
Delta R.T.: -0.004 min  
Response: 25865567  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



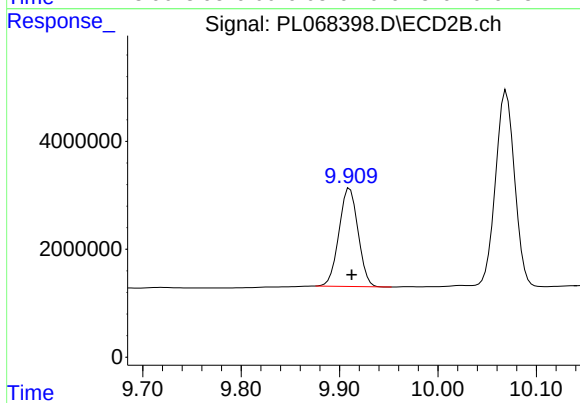
#19 Endosulfan Sulfate

R.T.: 9.571 min  
Delta R.T.: -0.001 min  
Response: 41284836  
Conc: 45.85 ng/ml



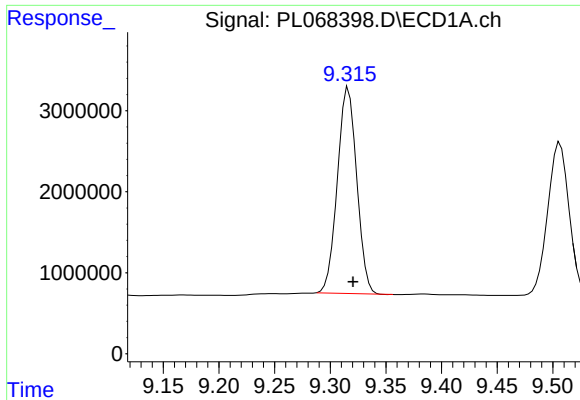
#20 Methoxychlor

R.T.: 9.091 min  
Delta R.T.: -0.005 min  
Response: 16126783  
Conc: 51.55 ng/ml



#20 Methoxychlor

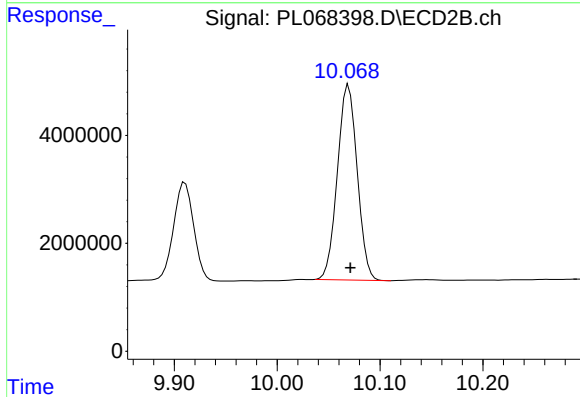
R.T.: 9.910 min  
Delta R.T.: -0.002 min  
Response: 24578296  
Conc: 48.38 ng/ml



#21 Endrin ketone

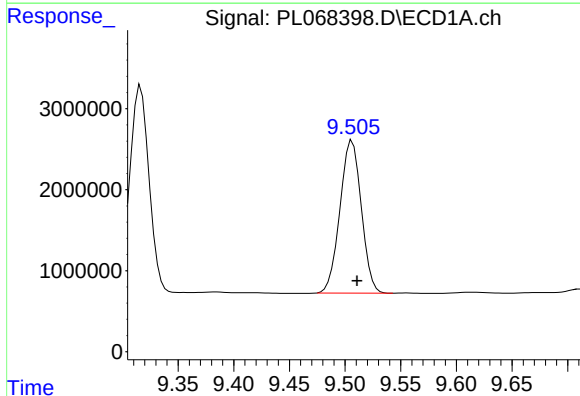
R.T.: 9.316 min  
Delta R.T.: -0.004 min  
Response: 30781553  
Conc: 51.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



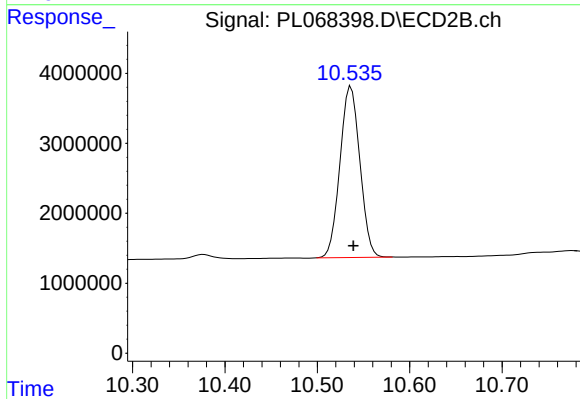
#21 Endrin ketone

R.T.: 10.070 min  
Delta R.T.: -0.002 min  
Response: 48534587  
Conc: 48.66 ng/ml



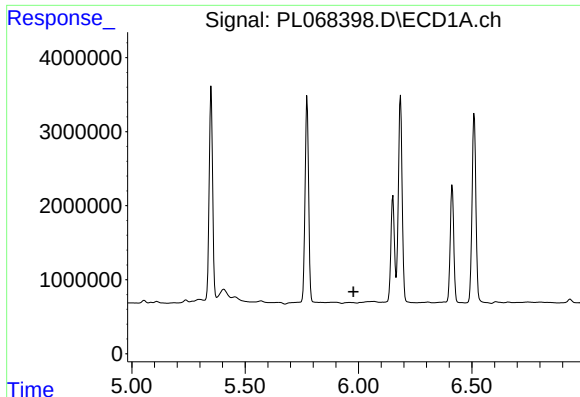
#22 Mirex

R.T.: 9.506 min  
Delta R.T.: -0.004 min  
Response: 25203436  
Conc: 51.04 ng/ml



#22 Mirex

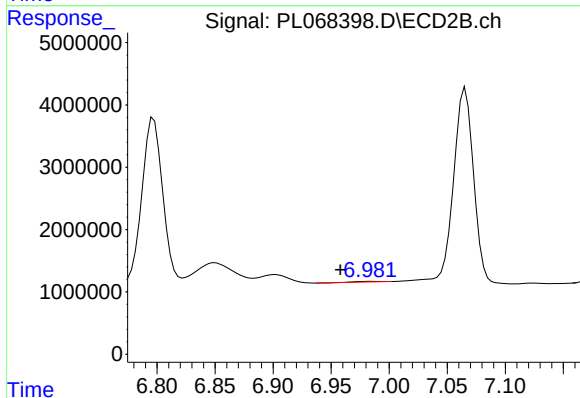
R.T.: 10.536 min  
Delta R.T.: -0.003 min  
Response: 36699818  
Conc: 47.44 ng/ml



#23 Chlordane-1

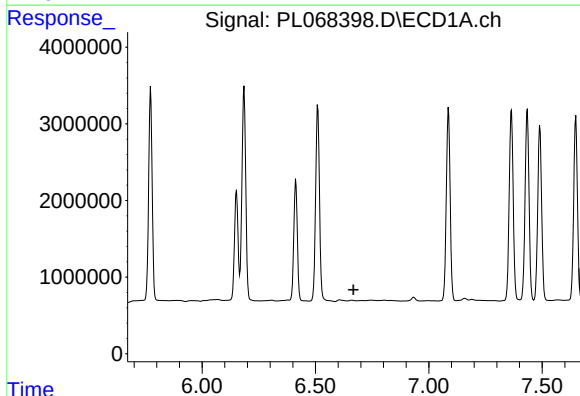
R.T.: 0.000 min  
Exp R.T.: 5.978 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



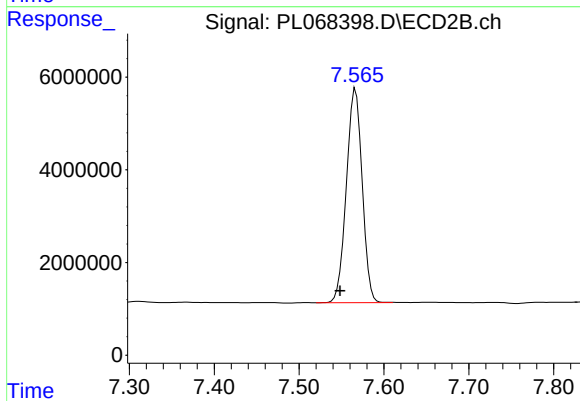
#23 Chlordane-1

R.T.: 6.983 min  
Delta R.T.: 0.025 min  
Response: 132321  
Conc: 3.27 ng/ml



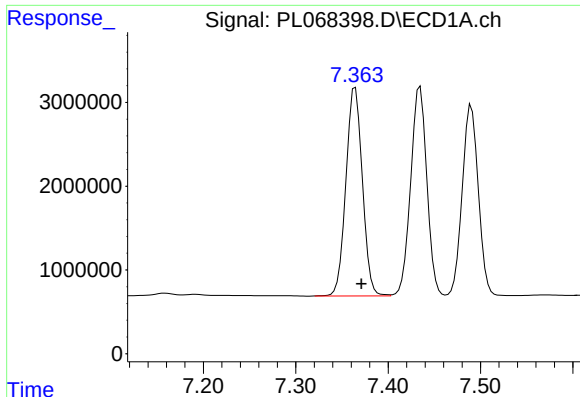
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.668 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

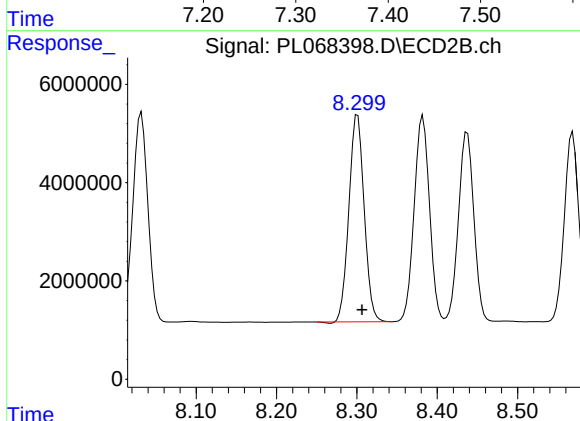
R.T.: 7.567 min  
Delta R.T.: 0.018 min  
Response: 59818825  
Conc: 1437.78 ng/ml



#25 Chlordane-3

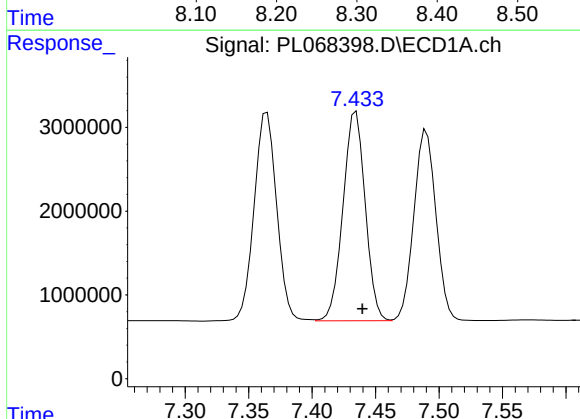
R.T.: 7.364 min  
Delta R.T.: -0.006 min  
Response: 30800432  
Conc: 571.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



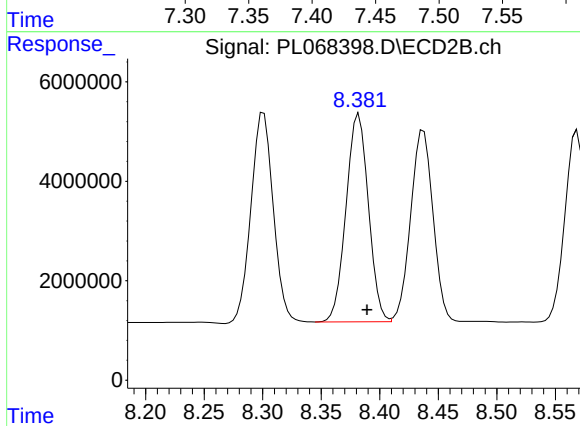
#25 Chlordane-3

R.T.: 8.301 min  
Delta R.T.: -0.005 min  
Response: 55542321  
Conc: 358.64 ng/ml



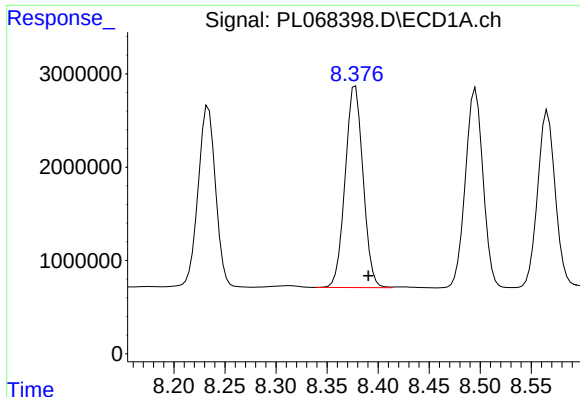
#26 Chlordane-4

R.T.: 7.435 min  
Delta R.T.: -0.005 min  
Response: 30401138  
Conc: 538.46 ng/ml



#26 Chlordane-4

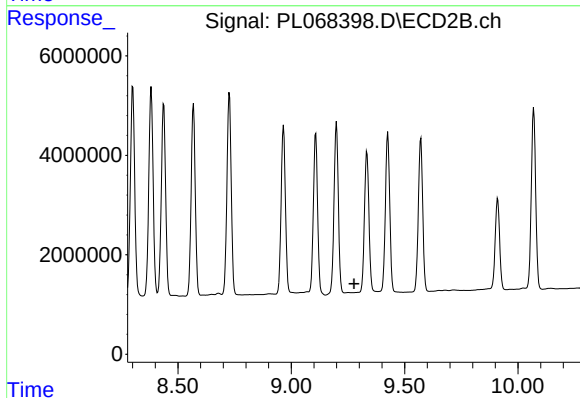
R.T.: 8.382 min  
Delta R.T.: -0.007 min  
Response: 55623036  
Conc: 296.69 ng/ml



#27 Chlordane-5

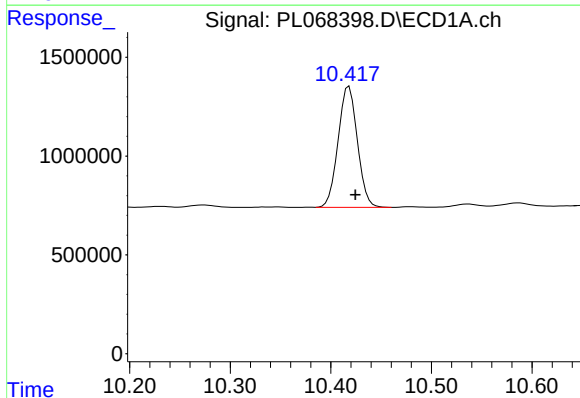
R.T.: 8.378 min  
Delta R.T.: -0.013 min  
Response: 26352197  
Conc: 1309.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



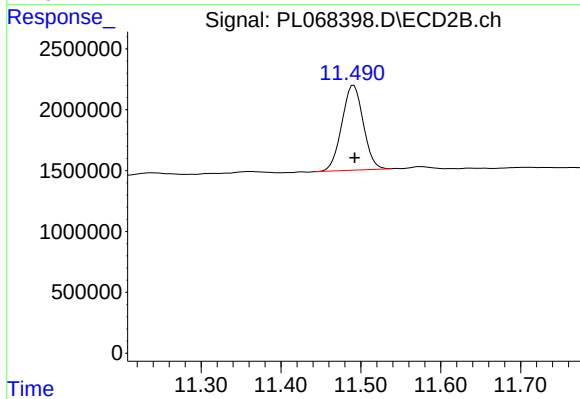
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.418 min  
Delta R.T.: -0.006 min  
Response: 8128394  
Conc: 14.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.491 min  
Delta R.T.: -0.001 min  
Response: 12982414  
Conc: 14.55 ng/ml