

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092821\  
 Data File : PL070043.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Sep 2021 18:07  
 Operator : AR\AJ  
 Sample : PCHLORICV500  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 19:06:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 28 16:36:02 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... | 4.627  | 5.563   | 32253970 | 71286884 | 64.458  | 53.898   |
| 28)                         | SA Decachlor... | 10.393 | 11.485  | 33964174 | 64268047 | 49.083  | 53.107   |
| Target Compounds            |                 |        |         |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.311f | 6.143   | 194074   | 2211577  | 0.262   | 1.131 #  |
| 3)                          | MA gamma-BHC... | 5.762  | 6.558   | 228310   | 788591   | 0.327   | 0.430 #  |
| 4)                          | MA Heptachlor   | 6.166  | 7.189   | 15743141 | 37426947 | 20.666  | 20.069   |
| 5)                          | MB Aldrin       | 6.524f | 7.540f  | 626549   | 31651857 | 0.868   | 18.370 # |
| 6)                          | B beta-BHC      | 6.166f | 6.792   | 15743141 | 3668824  | 47.056  | 4.267 #  |
| 7)                          | B delta-BHC     | 6.385f | 7.080   | 1127197  | 3025688  | 1.630   | 1.563    |
| 8)                          | B Heptachlo...  | 7.071  | 8.015f  | -1282264 | 14351446 | N.D.    | 9.260    |
| 9)                          | A Endosulfan I  | 7.467  | 8.431   | 3540845  | 307560   | 5.298   | 0.209 #  |
| 10)                         | B gamma-Chl...  | 7.345  | 8.297   | 38340406 | 126.0E6  | 52.940  | 78.783 # |
| 11)                         | B alpha-Chl...  | 7.413  | 8.379   | 40531225 | 149.1E6  | 55.650  | 94.536 # |
| 12)                         | B 4,4'-DDE      | 7.613f | 8.589f  | 279391   | 81957    | 0.439   | 0.053 #  |
| 13)                         | MA Dieldrin     | 7.735f | 8.716   | 1748181  | 7083526  | 2.544   | 4.640 #  |
| 14)                         | MA Endrin       | 8.061  | 8.984f  | 3925422  | 4130899  | 6.212   | 3.289 #  |
| 15)                         | B Endosulfa...  | 8.363  | 9.207   | 11905181 | -1798021 | 18.767  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 8.469  | 9.426   | -12611   | 752041   | N.D.    | 0.575    |
| 18)                         | B Endrin al...  | 8.556  | 9.314f  | 116175   | 1634128  | 0.234   | 1.694 #  |
| 19)                         | B Endosulfa...  | 8.782  | 9.566   | 446636   | 381993   | 0.677   | 0.312 #  |
| 20)                         | A Methoxychlor  | 9.059  | 9.902   | 192268   | 247222   | 0.515   | 0.382 #  |
| 21)                         | B Endrin ke...  | 9.279f | 10.093f | 78044    | 802737   | 0.102   | 0.600 #  |
| 22)                         | Mirex           | 0.000  | 10.557f | 0        | 93119    | N.D.    | 0.095 #  |
| 23)                         | Chlordane-1     | 5.956  | 6.948   | 10112922 | 28563288 | 551.323 | 622.207  |
| 24)                         | Chlordane-2     | 6.644  | 7.540   | 13811318 | 31651857 | 546.723 | 587.382  |
| 25)                         | Chlordane-3     | 7.345  | 8.297   | 38340406 | 126.0E6  | 560.401 | 594.996  |
| 26)                         | Chlordane-4     | 7.413  | 8.379   | 40531225 | 149.1E6  | 554.599 | 586.632  |
| 27)                         | Chlordane-5     | 8.363  | 9.268   | 11905181 | 25087976 | 598.610 | 577.745  |
| -----                       |                 |        |         |          |          |         |          |

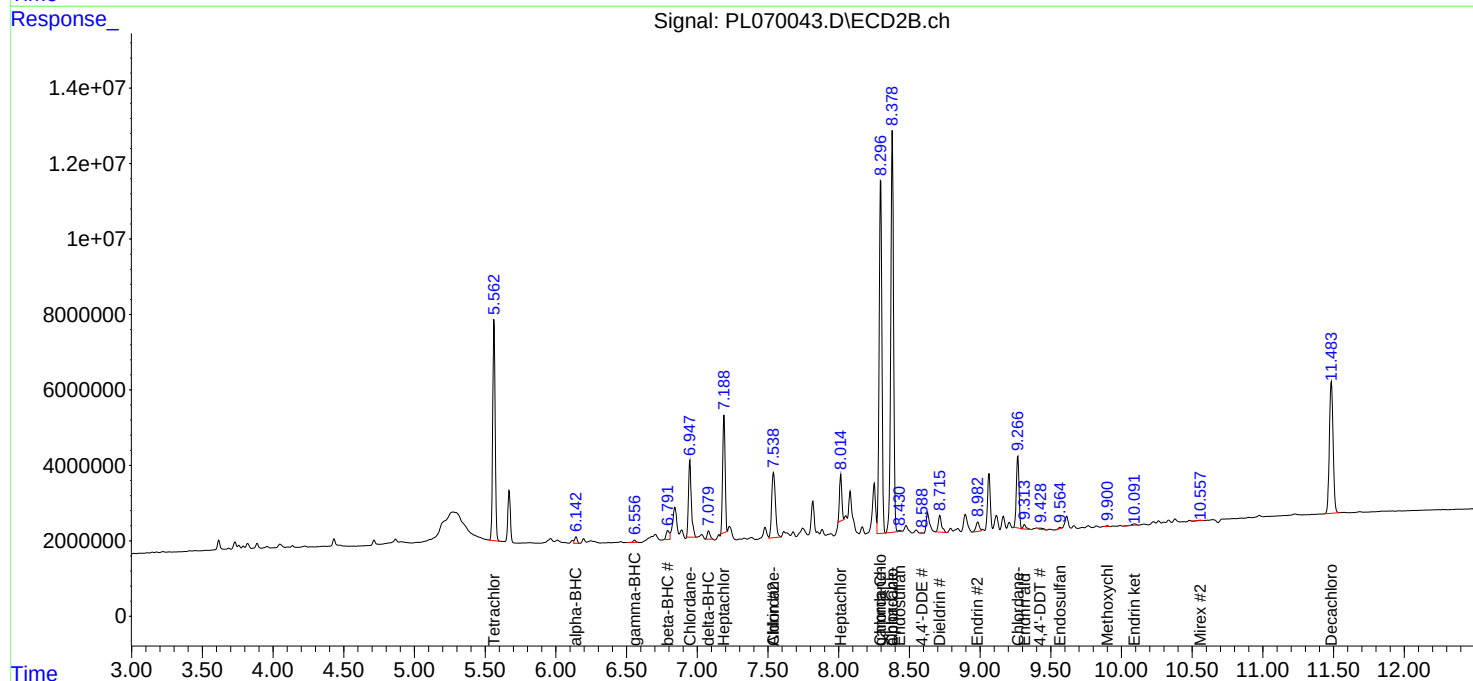
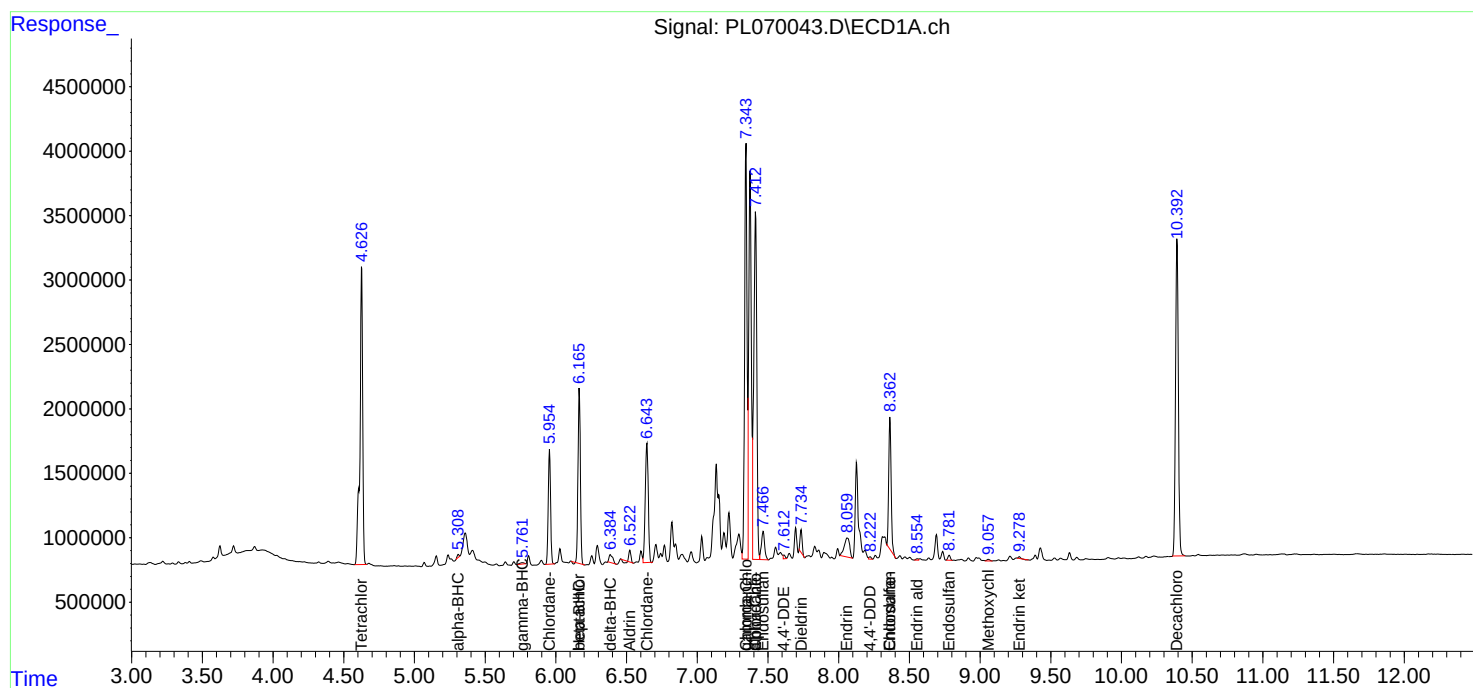
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

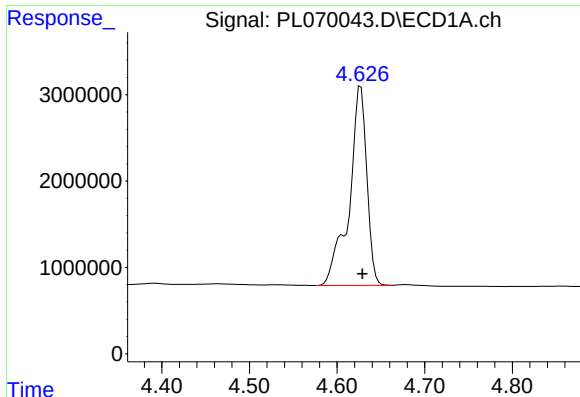
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092821\  
Data File : PL070043.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Sep 2021 18:07  
Operator : AR\AJ  
Sample : PCHLORICV500  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 19:06:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092821.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 28 16:36:02 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

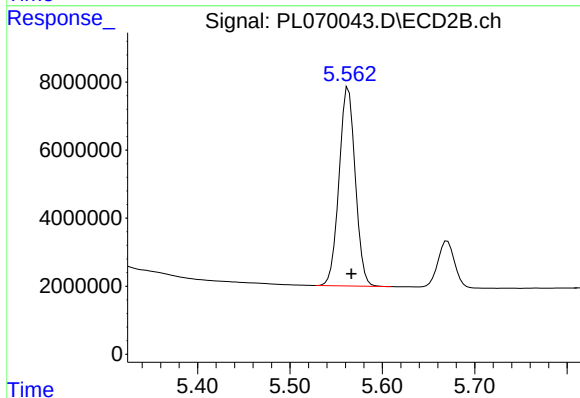




#1 Tetrachloro-m-xylene

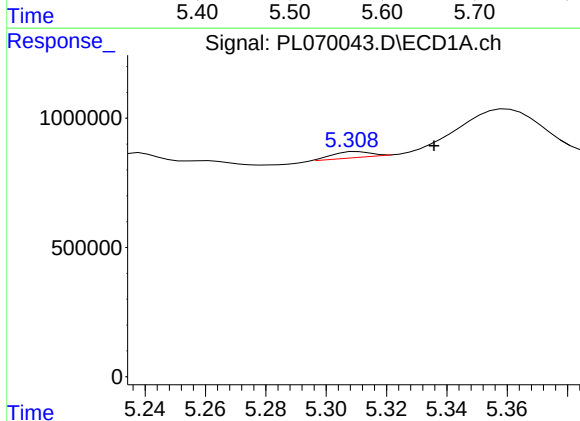
R.T.: 4.627 min  
Delta R.T.: -0.002 min  
Response: 32253970  
Conc: 64.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



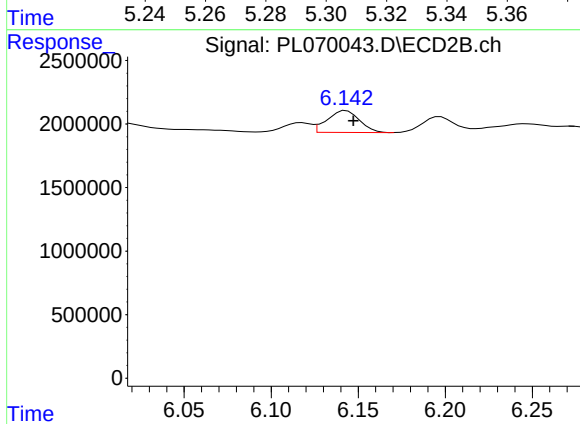
#1 Tetrachloro-m-xylene

R.T.: 5.563 min  
Delta R.T.: -0.003 min  
Response: 71286884  
Conc: 53.90 ng/ml



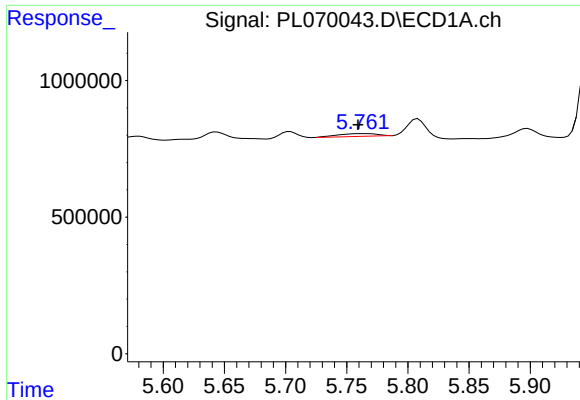
#2 alpha-BHC

R.T.: 5.311 min  
Delta R.T.: -0.025 min  
Response: 194074  
Conc: 0.26 ng/ml



#2 alpha-BHC

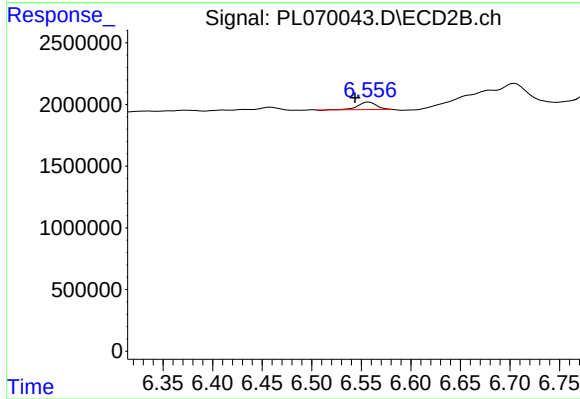
R.T.: 6.143 min  
Delta R.T.: -0.004 min  
Response: 2211577  
Conc: 1.13 ng/ml



#3 gamma-BHC (Lindane)

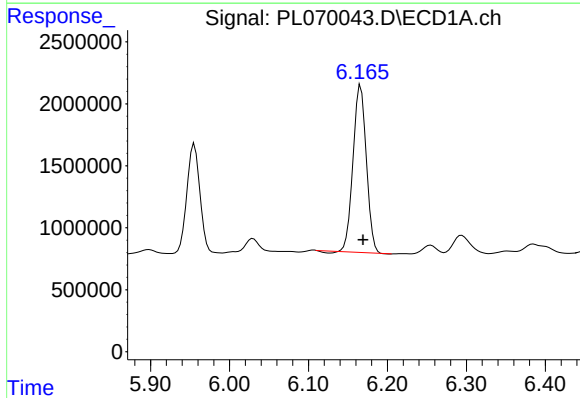
R.T.: 5.762 min  
Delta R.T.: 0.003 min  
Response: 228310  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



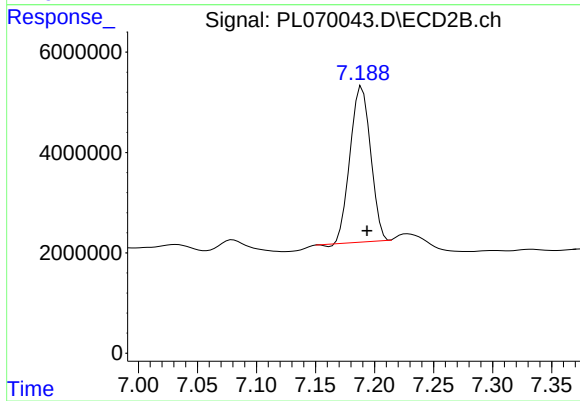
#3 gamma-BHC (Lindane)

R.T.: 6.558 min  
Delta R.T.: 0.014 min  
Response: 788591  
Conc: 0.43 ng/ml



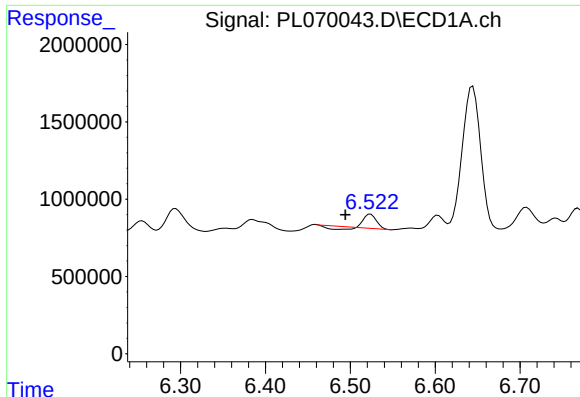
#4 Heptachlor

R.T.: 6.166 min  
Delta R.T.: -0.003 min  
Response: 15743141  
Conc: 20.67 ng/ml



#4 Heptachlor

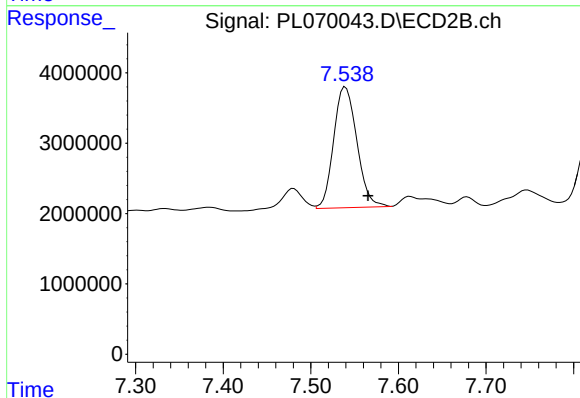
R.T.: 7.189 min  
Delta R.T.: -0.004 min  
Response: 37426947  
Conc: 20.07 ng/ml



#5 Aldrin

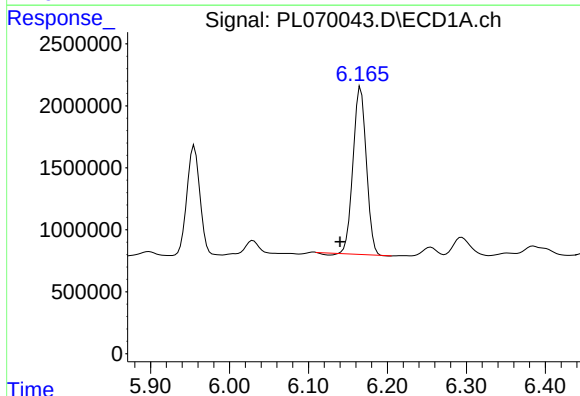
R.T.: 6.524 min  
Delta R.T.: 0.030 min  
Response: 626549  
Conc: 0.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



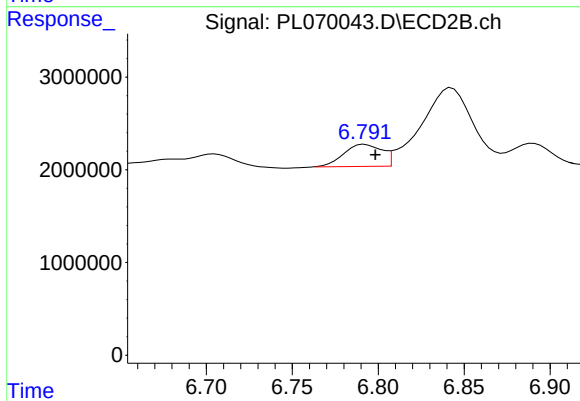
#5 Aldrin

R.T.: 7.540 min  
Delta R.T.: -0.026 min  
Response: 31651857  
Conc: 18.37 ng/ml



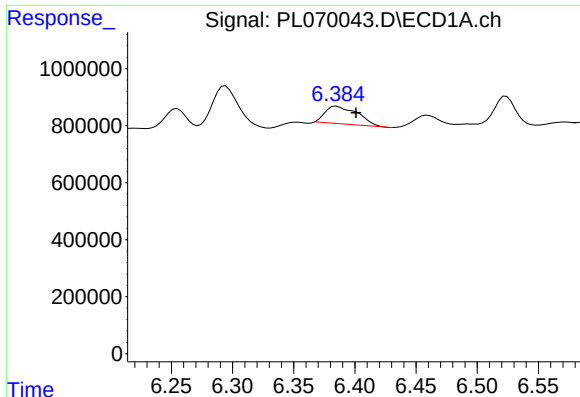
#6 beta-BHC

R.T.: 6.166 min  
Delta R.T.: 0.026 min  
Response: 15743141  
Conc: 47.06 ng/ml



#6 beta-BHC

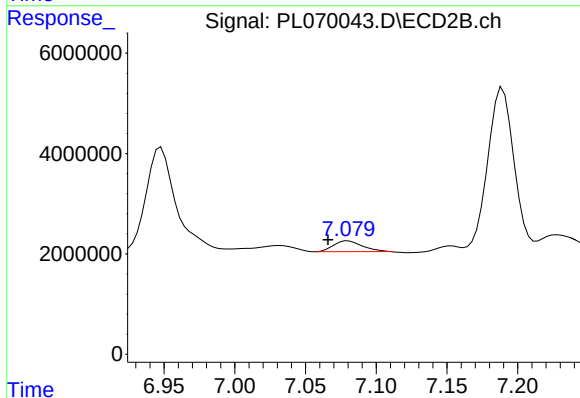
R.T.: 6.792 min  
Delta R.T.: -0.006 min  
Response: 3668824  
Conc: 4.27 ng/ml



#7 delta-BHC

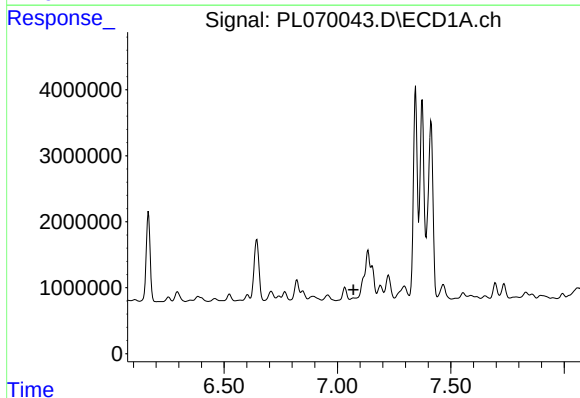
R.T.: 6.385 min  
Delta R.T.: -0.016 min  
Response: 1127197  
Conc: 1.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



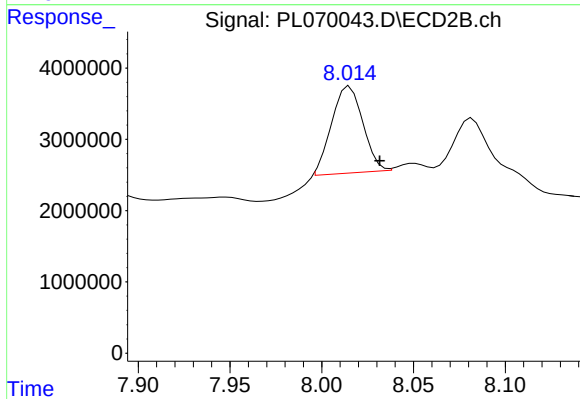
#7 delta-BHC

R.T.: 7.080 min  
Delta R.T.: 0.014 min  
Response: 3025688  
Conc: 1.56 ng/ml



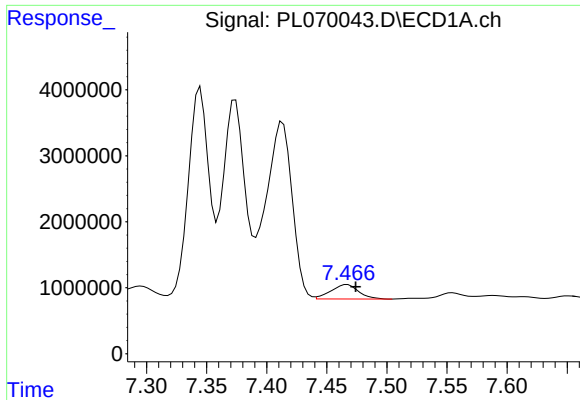
#8 Heptachlor epoxide

R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: -1282264  
Conc: N.D.



#8 Heptachlor epoxide

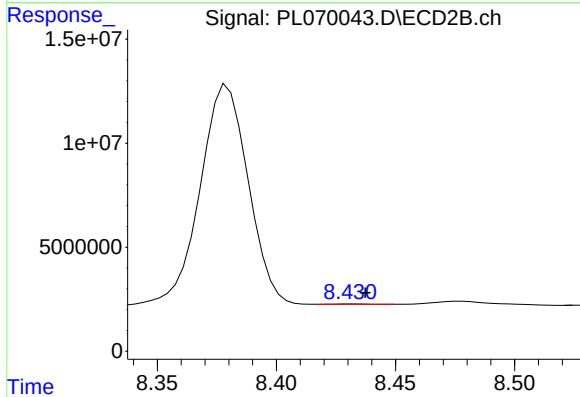
R.T.: 8.015 min  
Delta R.T.: -0.016 min  
Response: 14351446  
Conc: 9.26 ng/ml



#9 Endosulfan I

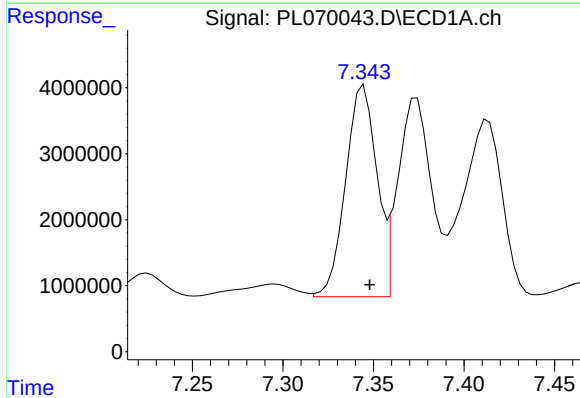
R.T.: 7.467 min  
Delta R.T.: -0.007 min  
Response: 3540845  
Conc: 5.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



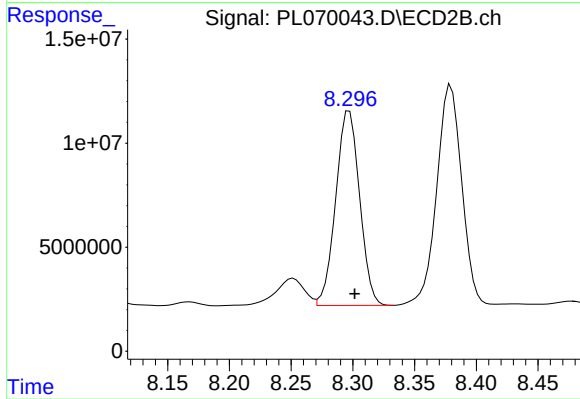
#9 Endosulfan I

R.T.: 8.431 min  
Delta R.T.: -0.006 min  
Response: 307560  
Conc: 0.21 ng/ml



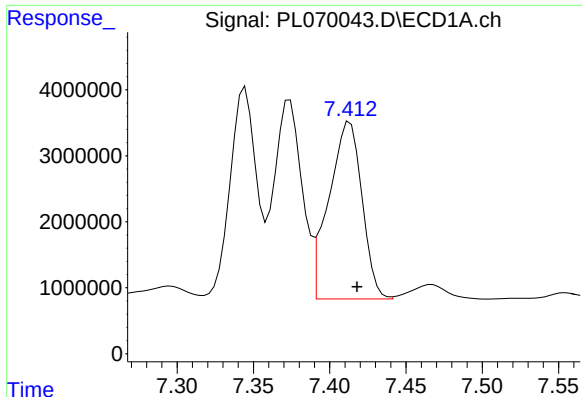
#10 gamma-Chlordane

R.T.: 7.345 min  
Delta R.T.: -0.003 min  
Response: 38340406  
Conc: 52.94 ng/ml



#10 gamma-Chlordane

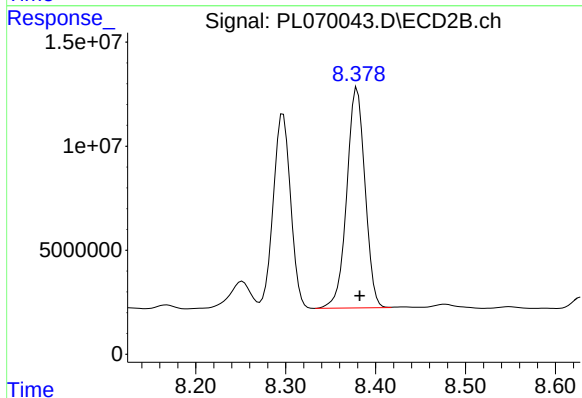
R.T.: 8.297 min  
Delta R.T.: -0.004 min  
Response: 126010807  
Conc: 78.78 ng/ml



#11 alpha-Chlordane

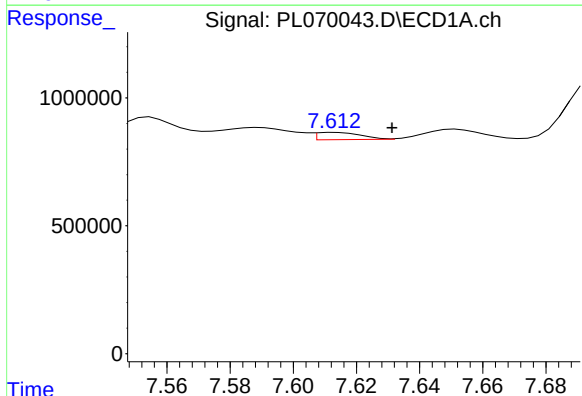
R.T.: 7.413 min  
Delta R.T.: -0.005 min  
Response: 40531225  
Conc: 55.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



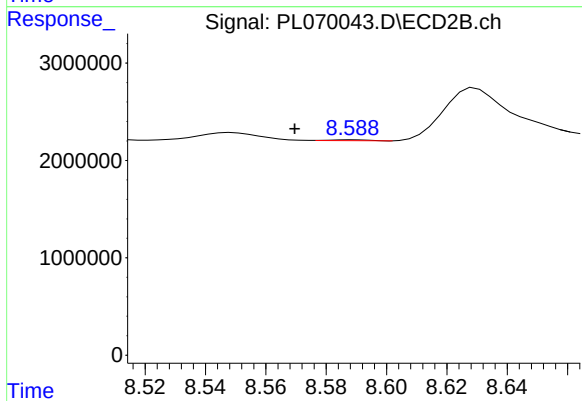
#11 alpha-Chlordane

R.T.: 8.379 min  
Delta R.T.: -0.003 min  
Response: 149097266  
Conc: 94.54 ng/ml



#12 4,4'-DDE

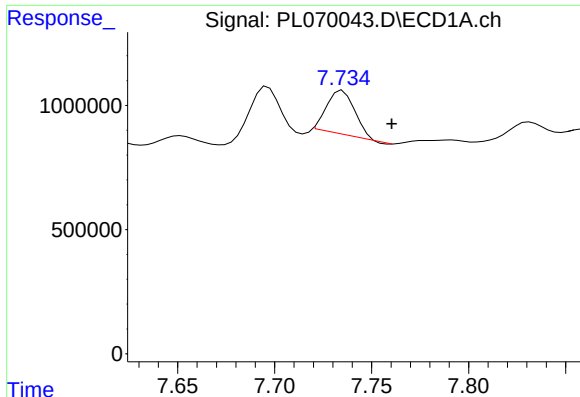
R.T.: 7.613 min  
Delta R.T.: -0.018 min  
Response: 279391  
Conc: 0.44 ng/ml



#12 4,4'-DDE

R.T.: 8.589 min  
Delta R.T.: 0.020 min  
Response: 81957  
Conc: 0.05 ng/ml

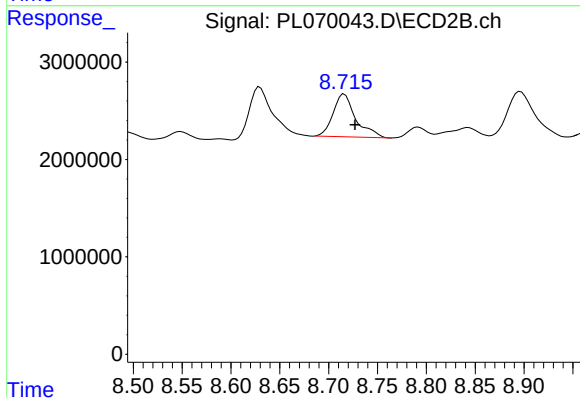




#13 Dieldrin

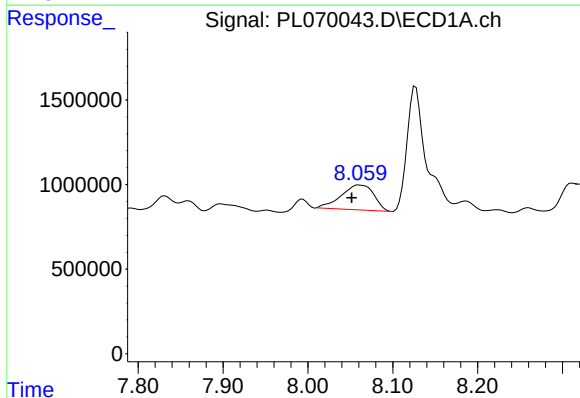
R.T.: 7.735 min  
Delta R.T.: -0.025 min  
Response: 1748181  
Conc: 2.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



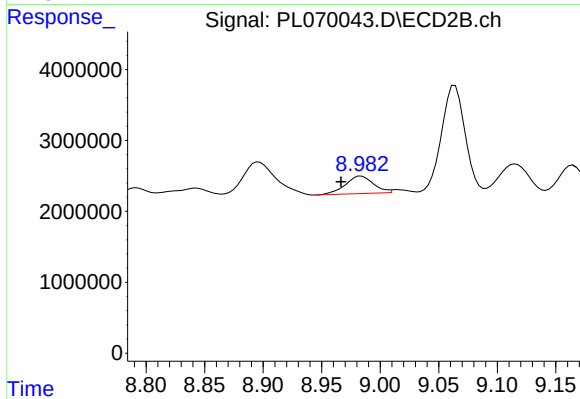
#13 Dieldrin

R.T.: 8.716 min  
Delta R.T.: -0.011 min  
Response: 7083526  
Conc: 4.64 ng/ml



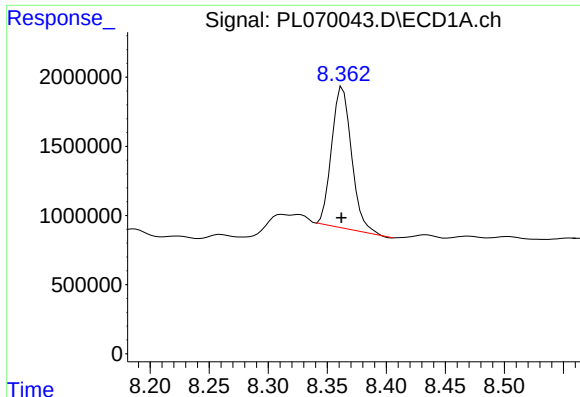
#14 Endrin

R.T.: 8.061 min  
Delta R.T.: 0.009 min  
Response: 3925422  
Conc: 6.21 ng/ml



#14 Endrin

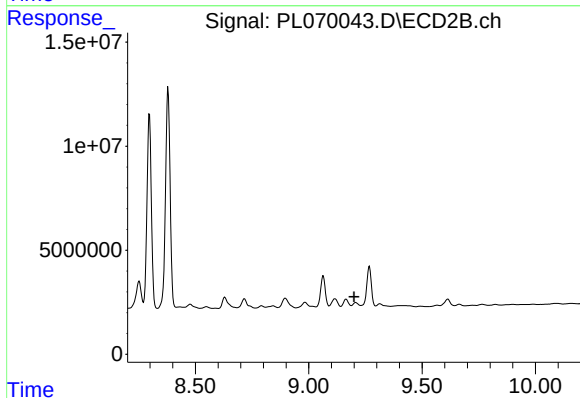
R.T.: 8.984 min  
Delta R.T.: 0.017 min  
Response: 4130899  
Conc: 3.29 ng/ml



#15 Endosulfan II

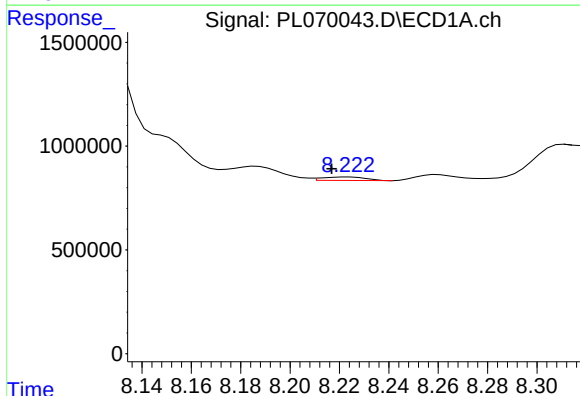
R.T.: 8.363 min  
Delta R.T.: 0.001 min  
Response: 11905181  
Conc: 18.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



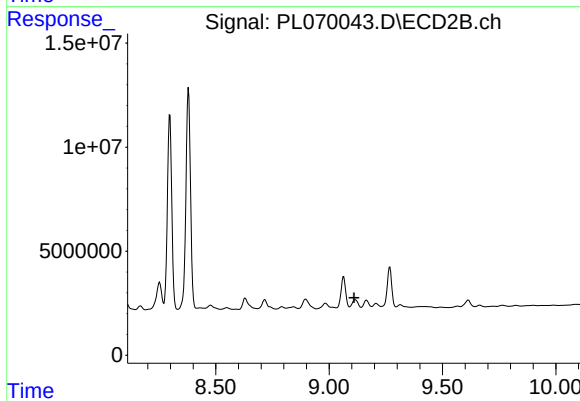
#15 Endosulfan II

R.T.: 9.207 min  
Delta R.T.: 0.008 min  
Response: -1798021  
Conc: N.D.



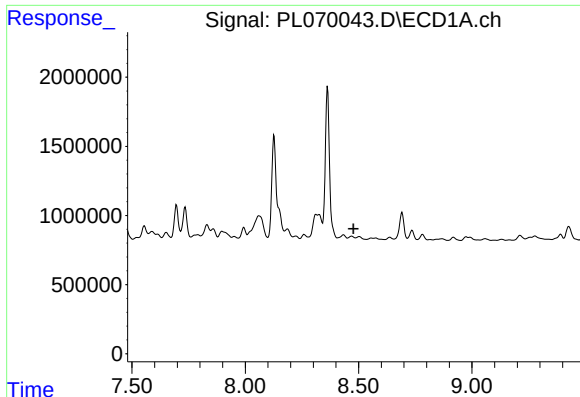
#16 4,4'-DDD

R.T.: 8.224 min  
Delta R.T.: 0.007 min  
Response: 204453  
Conc: 0.36 ng/ml



#16 4,4'-DDD

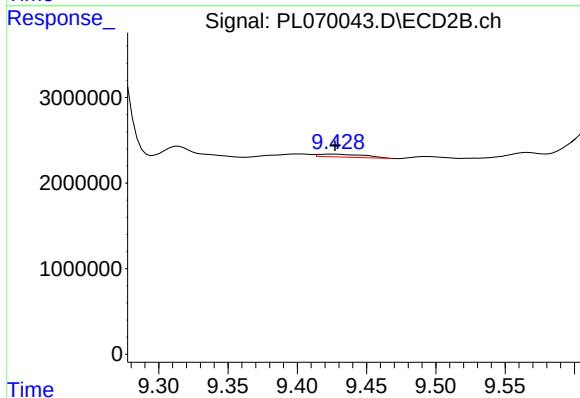
R.T.: 9.116 min  
Delta R.T.: 0.006 min  
Response: -7658420  
Conc: N.D.



#17 4,4'-DDT

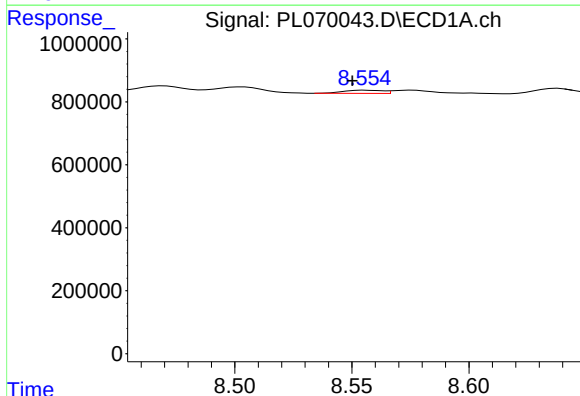
R.T.: 8.469 min  
Delta R.T.: -0.009 min  
Response: -12611  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



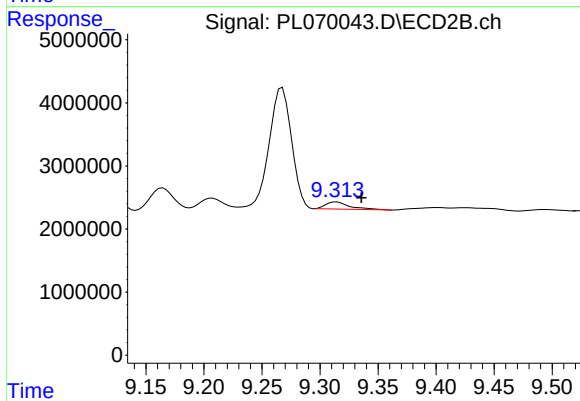
#17 4,4'-DDT

R.T.: 9.426 min  
Delta R.T.: -0.001 min  
Response: 752041  
Conc: 0.58 ng/ml



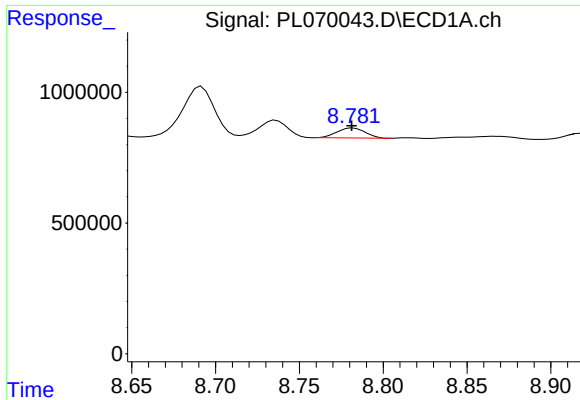
#18 Endrin aldehyde

R.T.: 8.556 min  
Delta R.T.: 0.006 min  
Response: 116175  
Conc: 0.23 ng/ml



#18 Endrin aldehyde

R.T.: 9.314 min  
Delta R.T.: -0.021 min  
Response: 1634128  
Conc: 1.69 ng/ml



#19 Endosulfan Sulfate

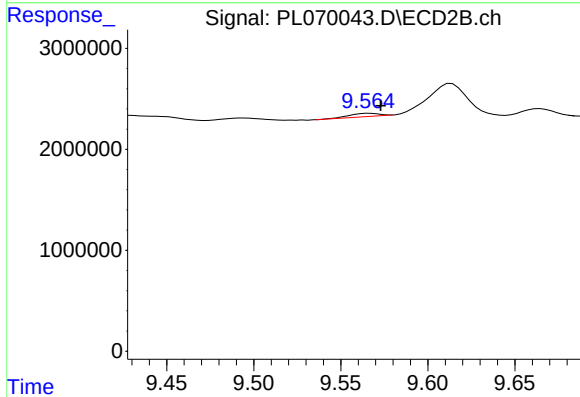
R.T.: 8.782 min

Delta R.T.: 0.000 min

Response: 446636

Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



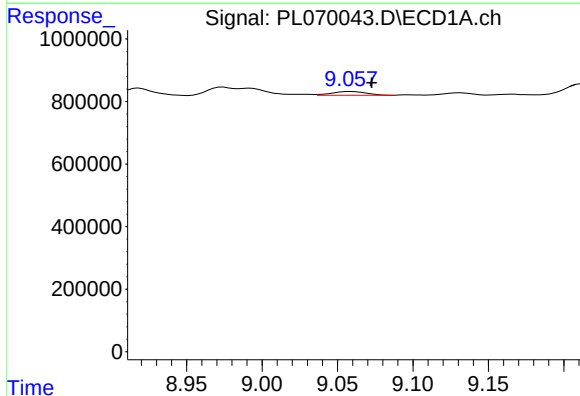
#19 Endosulfan Sulfate

R.T.: 9.566 min

Delta R.T.: -0.007 min

Response: 381993

Conc: 0.31 ng/ml



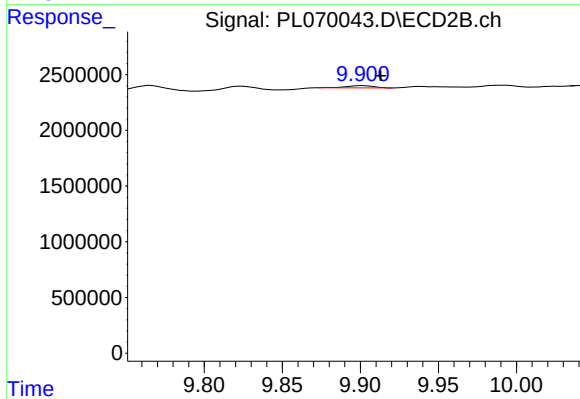
#20 Methoxychlor

R.T.: 9.059 min

Delta R.T.: -0.014 min

Response: 192268

Conc: 0.51 ng/ml



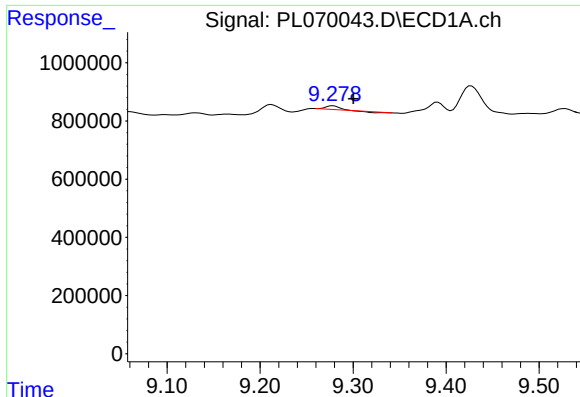
#20 Methoxychlor

R.T.: 9.902 min

Delta R.T.: -0.011 min

Response: 247222

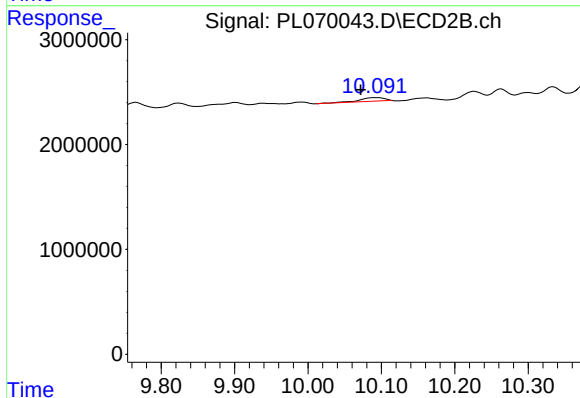
Conc: 0.38 ng/ml



#21 Endrin ketone

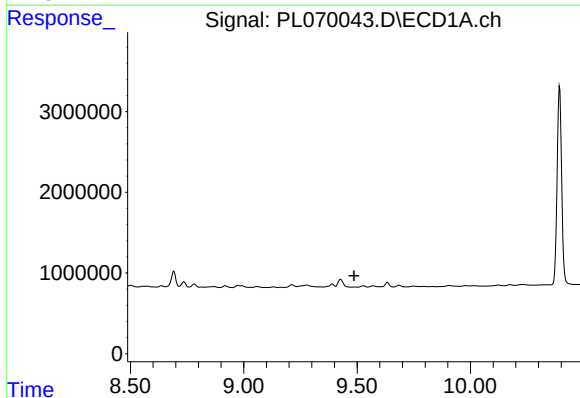
R.T.: 9.279 min  
Delta R.T.: -0.022 min  
Response: 78044  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



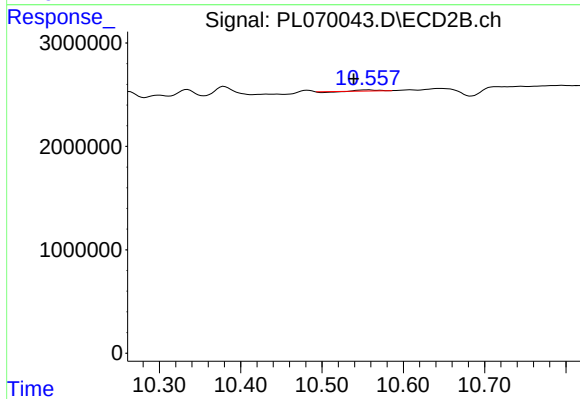
#21 Endrin ketone

R.T.: 10.093 min  
Delta R.T.: 0.021 min  
Response: 802737  
Conc: 0.60 ng/ml



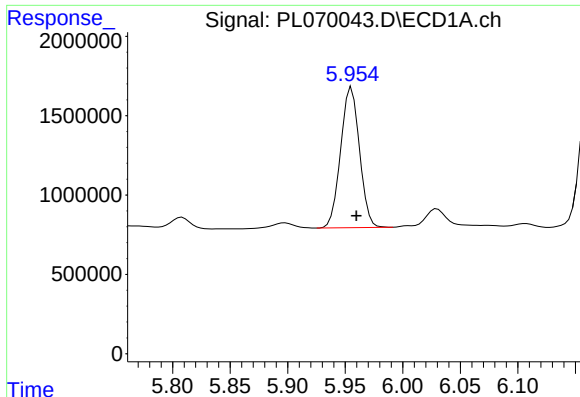
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 9.487 min  
Response: 0  
Conc: N.D.



#22 Mirex

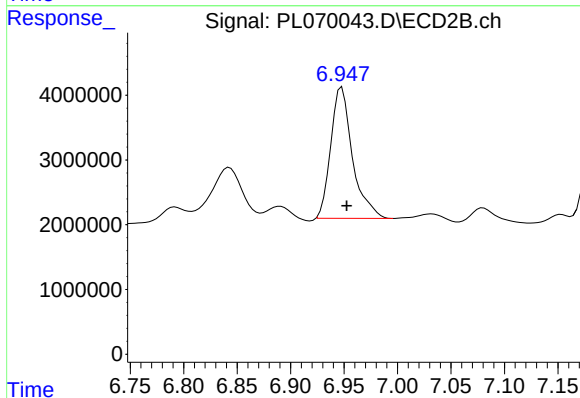
R.T.: 10.557 min  
Delta R.T.: 0.018 min  
Response: 93119  
Conc: 0.09 ng/ml



#23 Chlordane-1

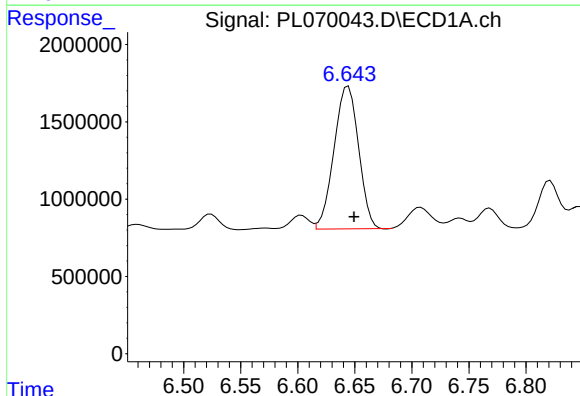
R.T.: 5.956 min  
Delta R.T.: -0.004 min  
Response: 10112922  
Conc: 551.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



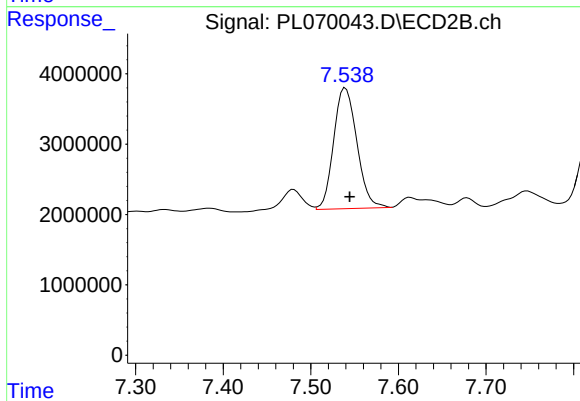
#23 Chlordane-1

R.T.: 6.948 min  
Delta R.T.: -0.005 min  
Response: 28563288  
Conc: 622.21 ng/ml



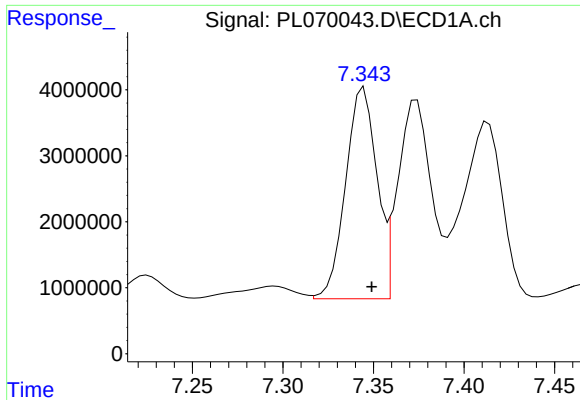
#24 Chlordane-2

R.T.: 6.644 min  
Delta R.T.: -0.005 min  
Response: 13811318  
Conc: 546.72 ng/ml



#24 Chlordane-2

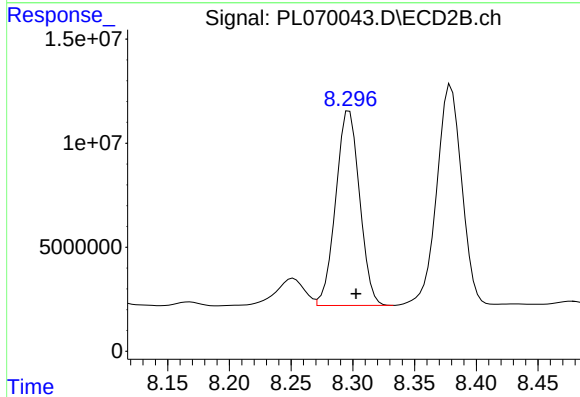
R.T.: 7.540 min  
Delta R.T.: -0.005 min  
Response: 31651857  
Conc: 587.38 ng/ml



#25 Chlordane-3

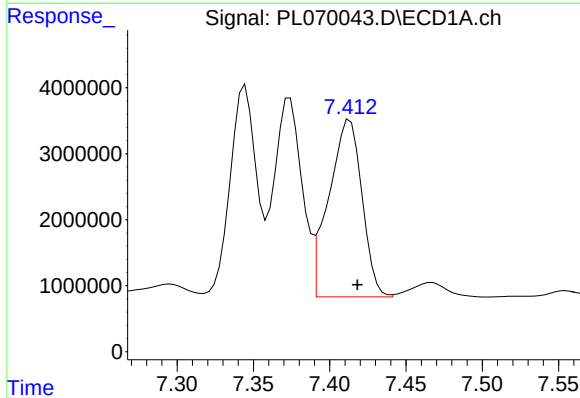
R.T.: 7.345 min  
Delta R.T.: -0.004 min  
Response: 38340406  
Conc: 560.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



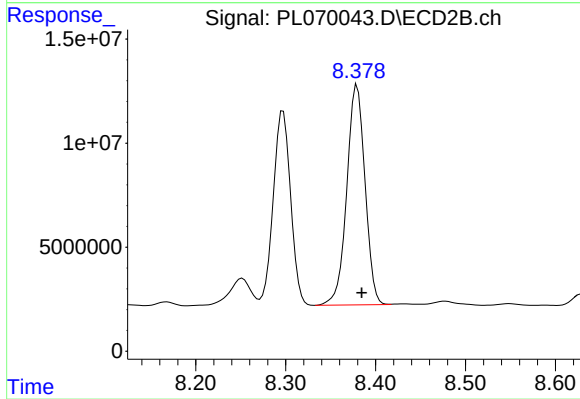
#25 Chlordane-3

R.T.: 8.297 min  
Delta R.T.: -0.005 min  
Response: 126010807  
Conc: 595.00 ng/ml



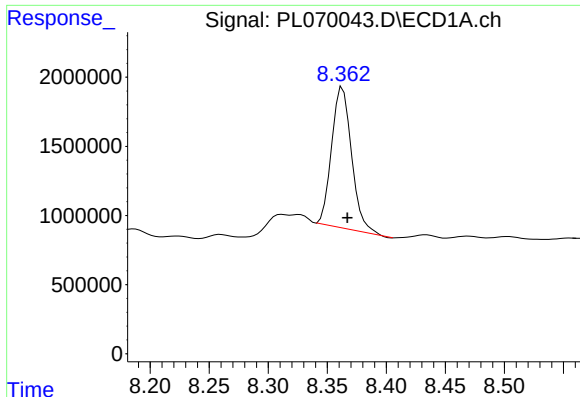
#26 Chlordane-4

R.T.: 7.413 min  
Delta R.T.: -0.005 min  
Response: 40531225  
Conc: 554.60 ng/ml



#26 Chlordane-4

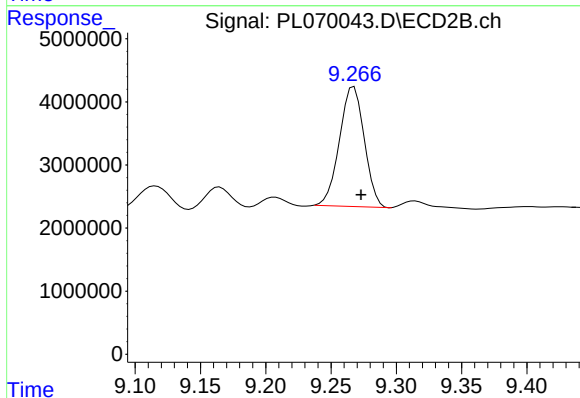
R.T.: 8.379 min  
Delta R.T.: -0.005 min  
Response: 149097266  
Conc: 586.63 ng/ml



#27 Chlordane-5

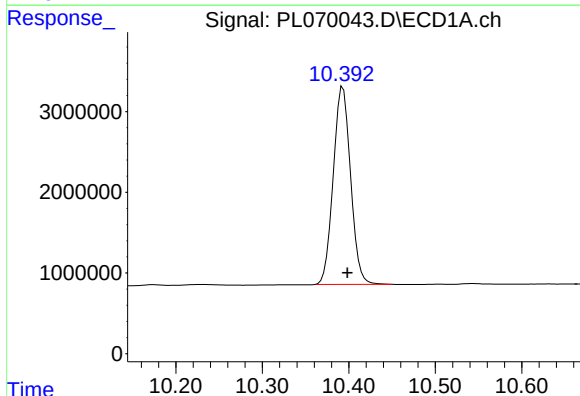
R.T.: 8.363 min  
Delta R.T.: -0.004 min  
Response: 11905181  
Conc: 598.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



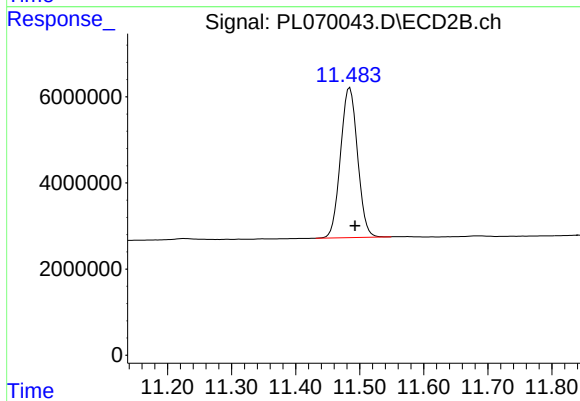
#27 Chlordane-5

R.T.: 9.268 min  
Delta R.T.: -0.005 min  
Response: 25087976  
Conc: 577.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.393 min  
Delta R.T.: -0.005 min  
Response: 33964174  
Conc: 49.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.485 min  
Delta R.T.: -0.008 min  
Response: 64268047  
Conc: 53.11 ng/ml