

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052722\  
 Data File : PL075138.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2022 21:54  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 28 02:50:13 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 14 02:37:15 2022  
 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... | 5.643  | 4.644  | 12478590 | 35413825 | 24.577  | 25.802  |
| 28)                         | SA Decachlor... | 11.640 | 10.393 | 11123305 | 22483311 | 24.908  | 21.905  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 6.227  | 5.346  | 7817408  | 19434201 | 11.427  | 11.548  |
| 3)                          | MA gamma-BHC... | 6.625  | 5.767  | 7455346  | 20105380 | 11.550  | 12.167  |
| 4)                          | MA Heptachlor   | 7.313f | 0.000  | 186357   | 0        | 0.289   | N.D. #  |
| 5)                          | MB Aldrin       | 0.000  | 6.522  | 0        | 170198   | N.D.    | 0.113 # |
| 6)                          | B beta-BHC      | 6.877  | 6.144  | 3742219  | 11132740 | 12.539  | 14.022  |
| 7)                          | B delta-BHC     | 0.000  | 6.413  | 0        | 360405   | N.D.    | 0.230 # |
| 8)                          | B Heptachlo...  | 8.125  | 0.000  | 269839   | 0        | 0.474   | N.D. #  |
| 9)                          | A Endosulfan I  | 0.000  | 7.493  | 0        | 98962    | N.D.    | 0.079 # |
| 10)                         | B gamma-Chl...  | 8.369f | 7.366  | 348661   | 115793   | 0.674   | 0.084 # |
| 11)                         | B alpha-Chl...  | 0.000  | 7.450f | 0        | 68639    | N.D.    | 0.051 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 7.631  | 0        | 339042   | N.D.    | 0.288 # |
| 13)                         | MA Dieldrin     | 0.000  | 7.761  | 0        | 393866   | N.D.    | 0.309 # |
| 14)                         | MA Endrin       | 9.062  | 8.052  | 25695103 | 73233755 | 62.267  | 69.330  |
| 15)                         | B Endosulfa...  | 9.305  | 8.387  | 159317   | 278184   | 0.362   | 0.246 # |
| 16)                         | A 4,4'-DDD      | 9.202  | 8.215  | 3688230  | 9868642  | 8.158   | 10.018  |
| 17)                         | MA 4,4'-DDT     | 9.521  | 8.476  | 45245686 | 106.9E6  | 98.439  | 106.806 |
| 18)                         | B Endrin al...  | 9.432  | 8.552  | 183078   | 546980   | 0.517   | 0.685 # |
| 19)                         | B Endosulfa...  | 9.672  | 0.000  | 67284    | 0        | 0.149   | N.D. #  |
| 20)                         | A Methoxychlor  | 10.007 | 9.070  | 61652903 | 153.6E6  | 251.734 | 262.824 |
| 21)                         | B Endrin ke...  | 10.172 | 9.298  | 1557049  | 3064729  | 3.036   | 2.749   |
| 22)                         | Mirex           | 0.000  | 9.527f | 0        | 338311   | N.D.    | 0.349 # |
| 25)                         | Chlordane-3     | 8.369f | 7.366  | 348661   | 115793   | 5.093   | 0.892 # |
| 26)                         | Chlordane-4     | 0.000  | 7.450f | 0        | 68639    | N.D.    | 0.501 # |
| 27)                         | Chlordane-5     | 0.000  | 8.132  | 0        | 322853   | N.D.    | 8.732 # |
| -----                       |                 |        |        |          |          |         |         |

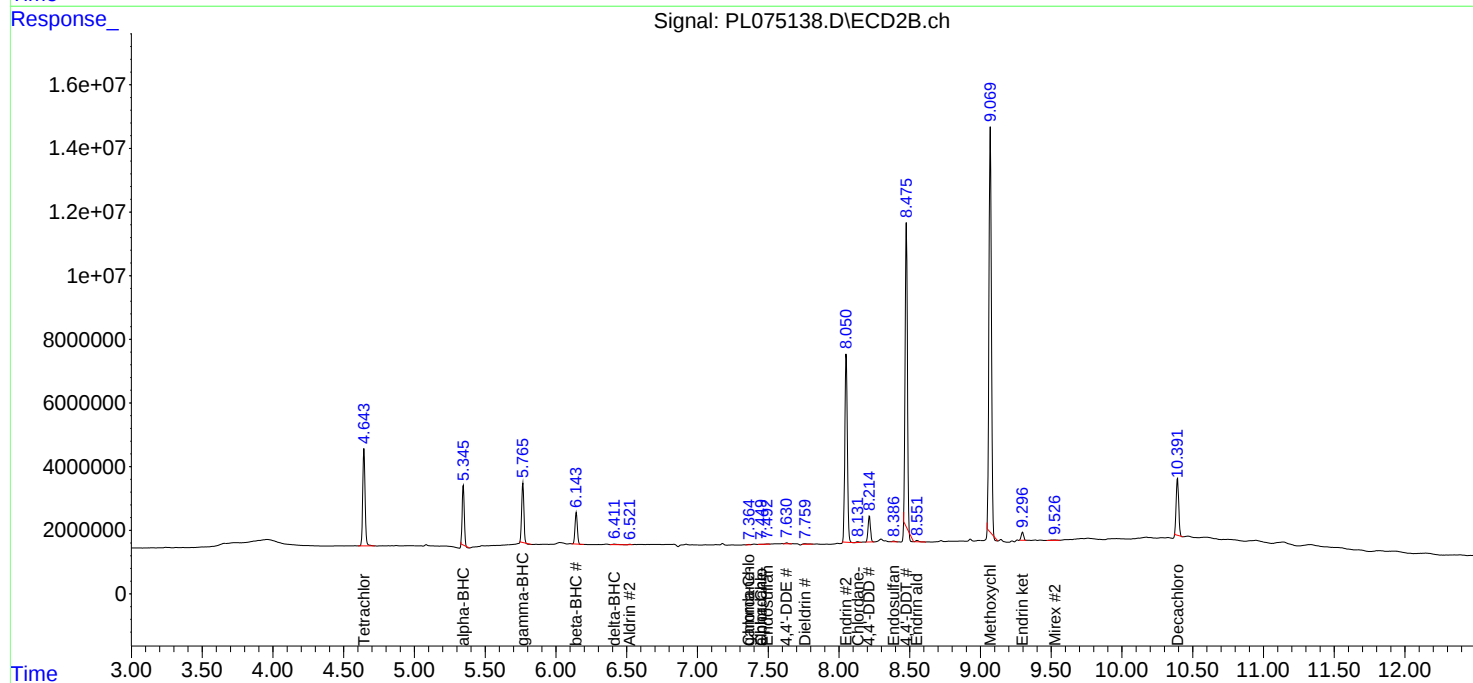
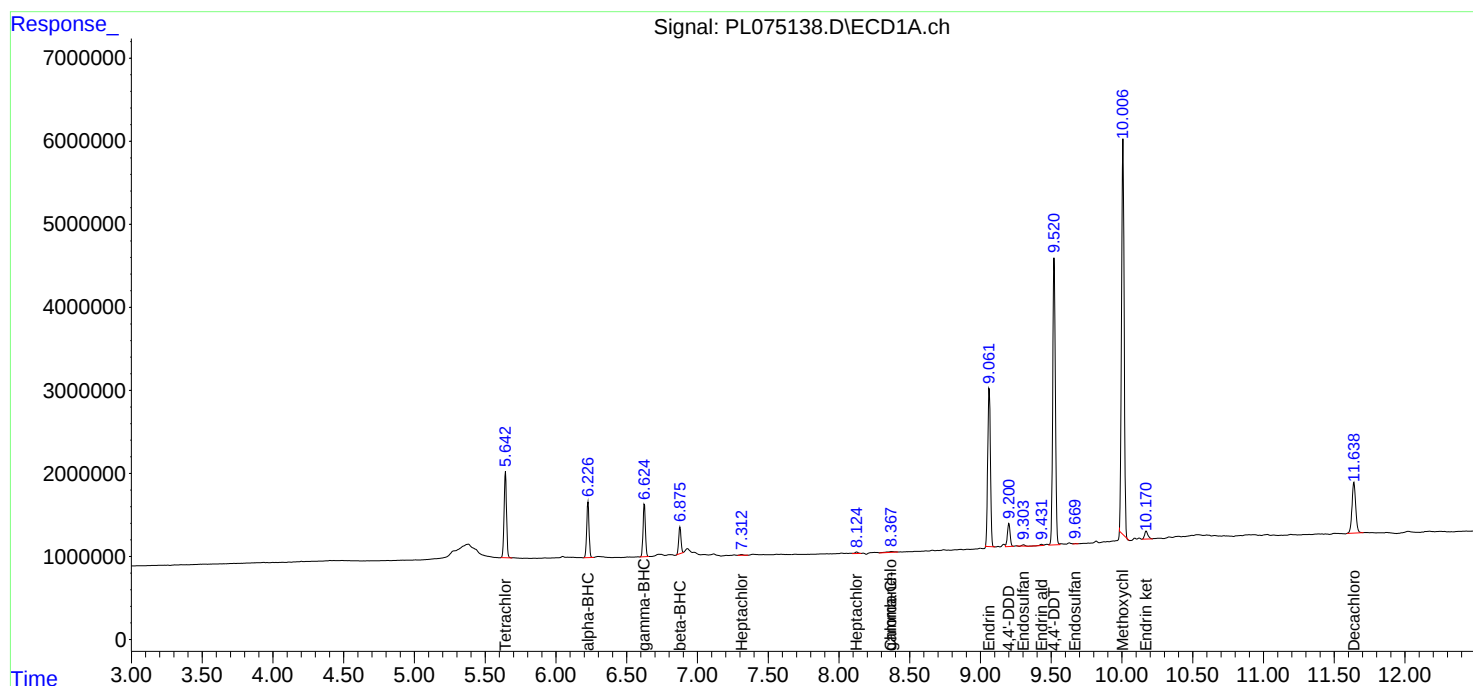
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

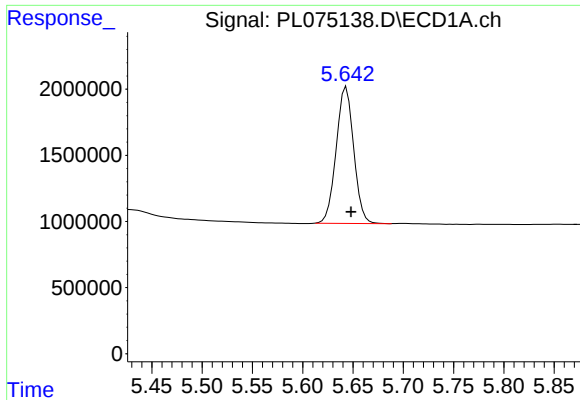
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052722\  
Data File : PL075138.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 May 2022 21:54  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 28 02:50:13 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
Quant Title : GC Extractables  
QLast Update : Sat May 14 02:37:15 2022  
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

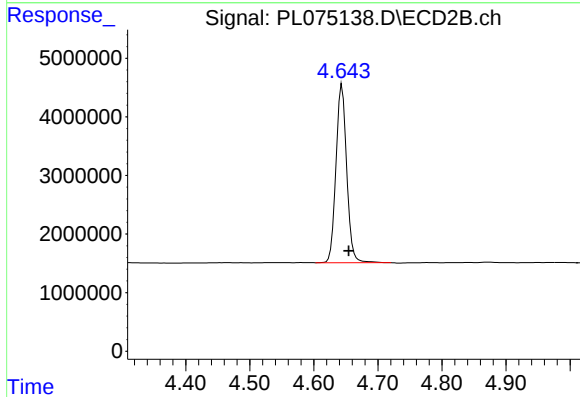




#1 Tetrachloro-m-xylene

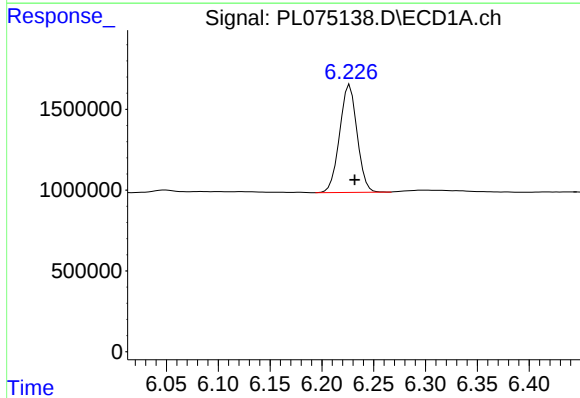
R.T.: 5.643 min  
Delta R.T.: -0.005 min  
Response: 12478590  
Conc: 24.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



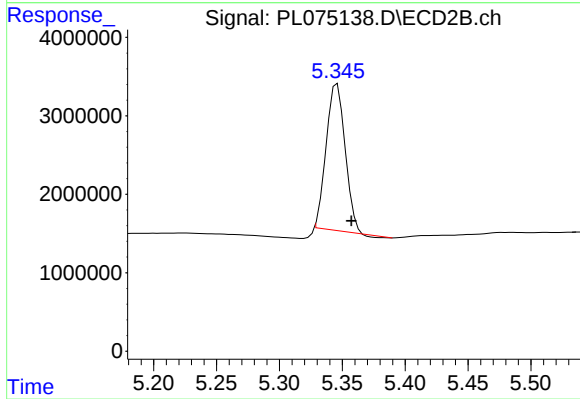
#1 Tetrachloro-m-xylene

R.T.: 4.644 min  
Delta R.T.: -0.010 min  
Response: 35413825  
Conc: 25.80 ng/ml



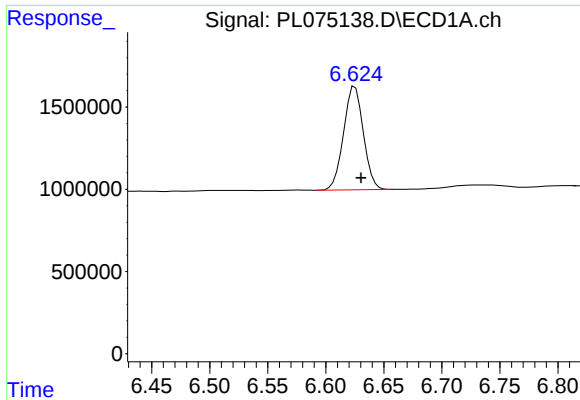
#2 alpha-BHC

R.T.: 6.227 min  
Delta R.T.: -0.005 min  
Response: 7817408  
Conc: 11.43 ng/ml



#2 alpha-BHC

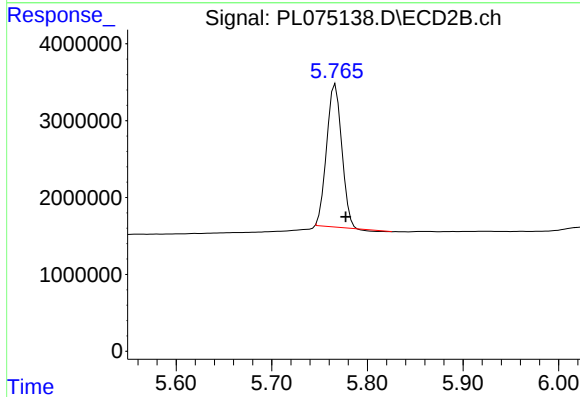
R.T.: 5.346 min  
Delta R.T.: -0.011 min  
Response: 19434201  
Conc: 11.55 ng/ml



#3 gamma-BHC (Lindane)

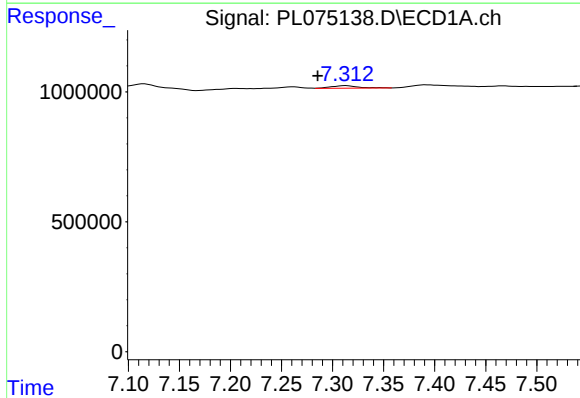
R.T.: 6.625 min  
Delta R.T.: -0.005 min  
Response: 7455346  
Conc: 11.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



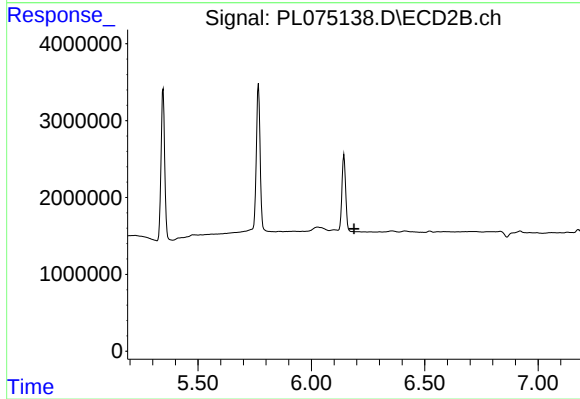
#3 gamma-BHC (Lindane)

R.T.: 5.767 min  
Delta R.T.: -0.011 min  
Response: 20105380  
Conc: 12.17 ng/ml



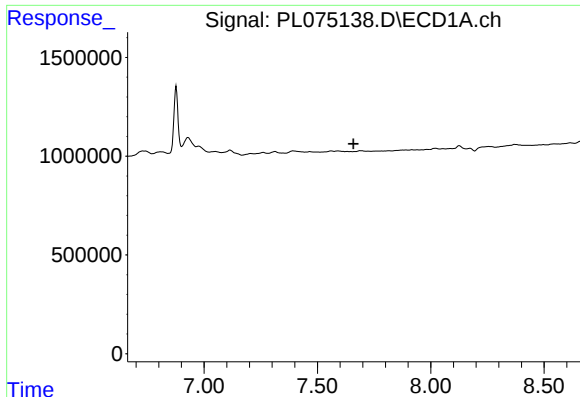
#4 Heptachlor

R.T.: 7.313 min  
Delta R.T.: 0.027 min  
Response: 186357  
Conc: 0.29 ng/ml



#4 Heptachlor

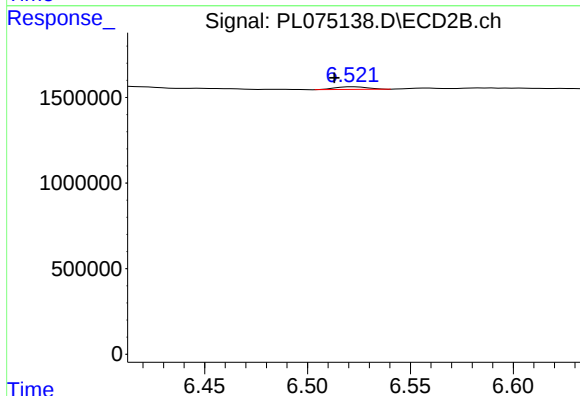
R.T.: 0.000 min  
Exp R.T. : 6.189 min  
Response: 0  
Conc: N.D.



#5 Aldrin

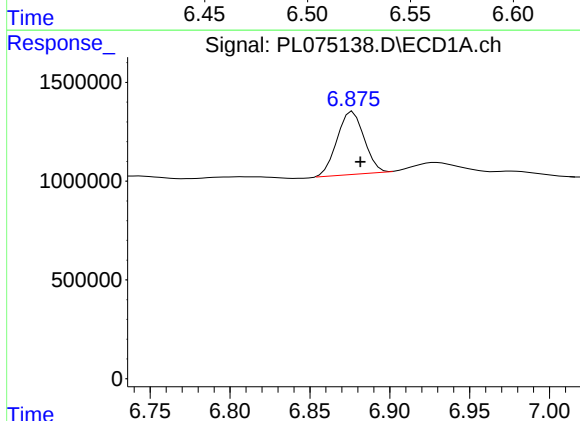
R.T.: 0.000 min  
Exp R.T.: 7.660 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



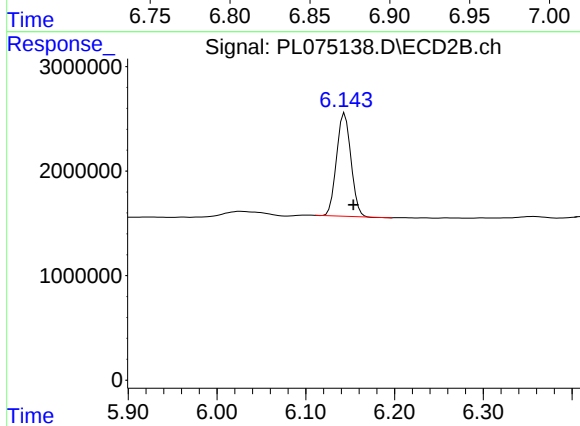
#5 Aldrin

R.T.: 6.522 min  
Delta R.T.: 0.009 min  
Response: 170198  
Conc: 0.11 ng/ml



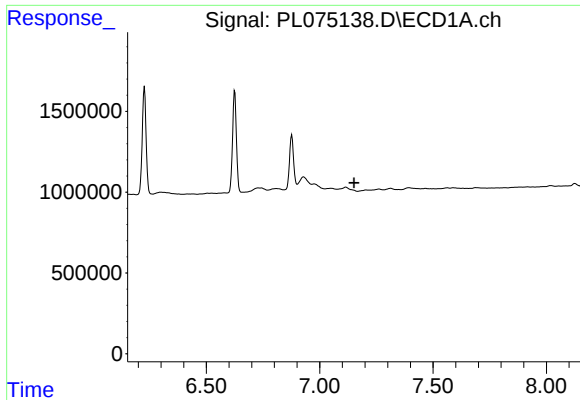
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: -0.005 min  
Response: 3742219  
Conc: 12.54 ng/ml



#6 beta-BHC

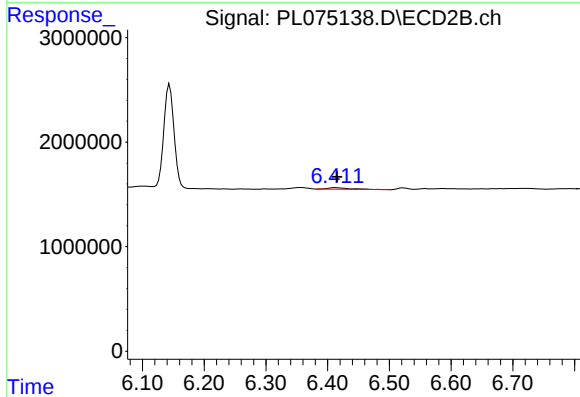
R.T.: 6.144 min  
Delta R.T.: -0.009 min  
Response: 11132740  
Conc: 14.02 ng/ml



#7 delta-BHC

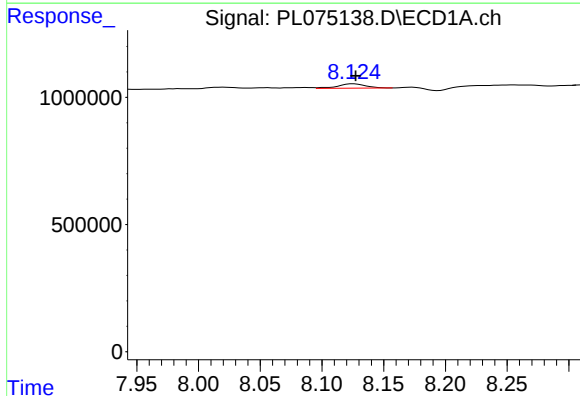
R.T.: 0.000 min  
Exp R.T.: 7.152 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



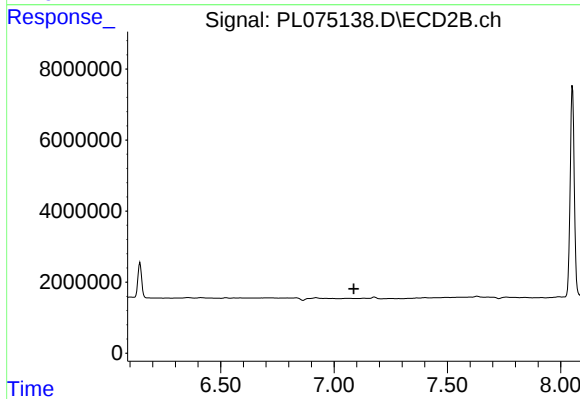
#7 delta-BHC

R.T.: 6.413 min  
Delta R.T.: -0.003 min  
Response: 360405  
Conc: 0.23 ng/ml



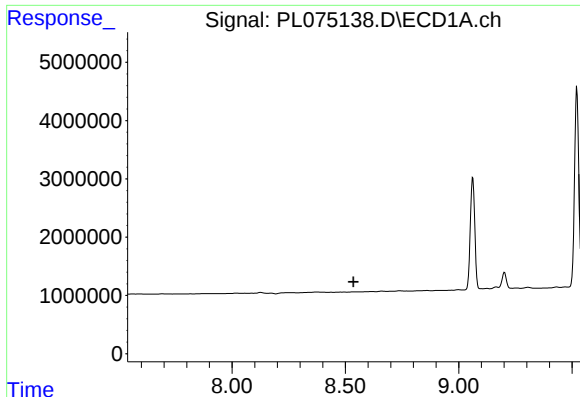
#8 Heptachlor epoxide

R.T.: 8.125 min  
Delta R.T.: -0.002 min  
Response: 269839  
Conc: 0.47 ng/ml



#8 Heptachlor epoxide

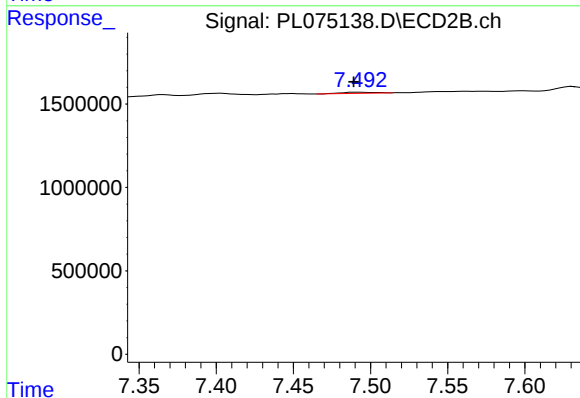
R.T.: 0.000 min  
Exp R.T.: 7.087 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

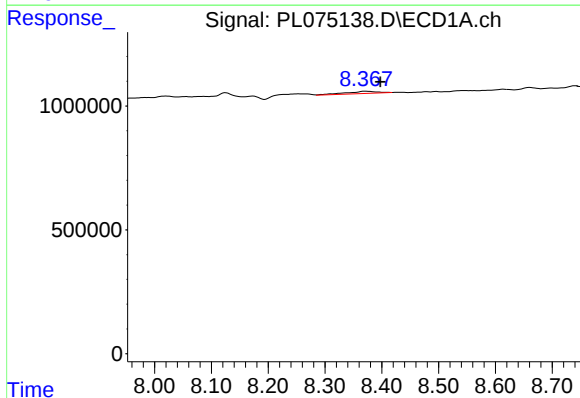
R.T.: 0.000 min  
Exp R.T.: 8.536 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



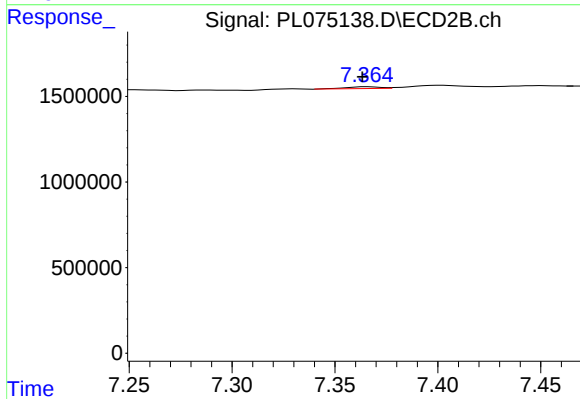
#9 Endosulfan I

R.T.: 7.493 min  
Delta R.T.: 0.004 min  
Response: 98962  
Conc: 0.08 ng/ml



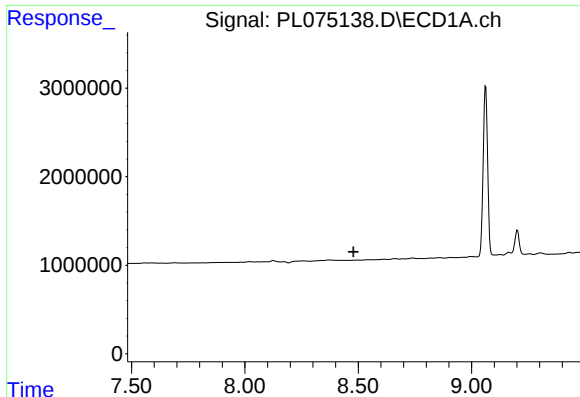
#10 gamma-Chlordane

R.T.: 8.369 min  
Delta R.T.: -0.028 min  
Response: 348661  
Conc: 0.67 ng/ml



#10 gamma-Chlordane

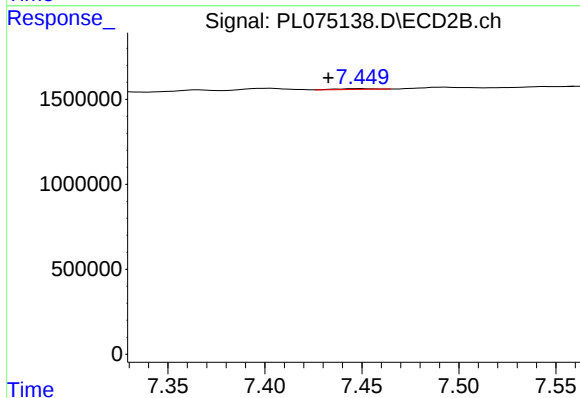
R.T.: 7.366 min  
Delta R.T.: 0.002 min  
Response: 115793  
Conc: 0.08 ng/ml



#11 alpha-Chlordane

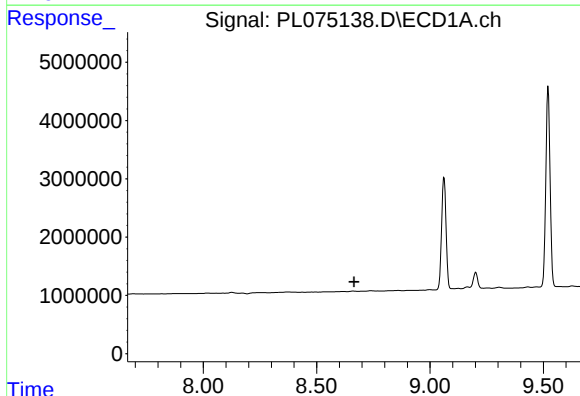
R.T.: 0.000 min  
Exp R.T.: 8.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



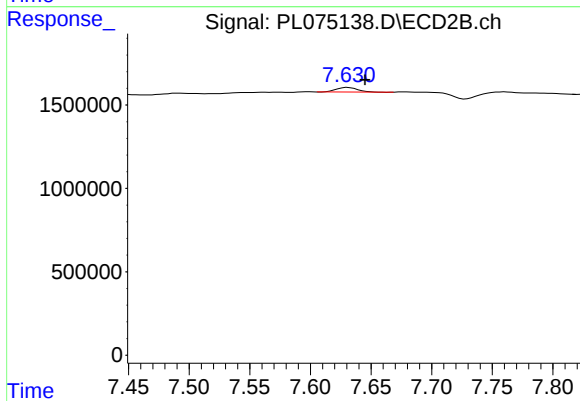
#11 alpha-Chlordane

R.T.: 7.450 min  
Delta R.T.: 0.017 min  
Response: 68639  
Conc: 0.05 ng/ml



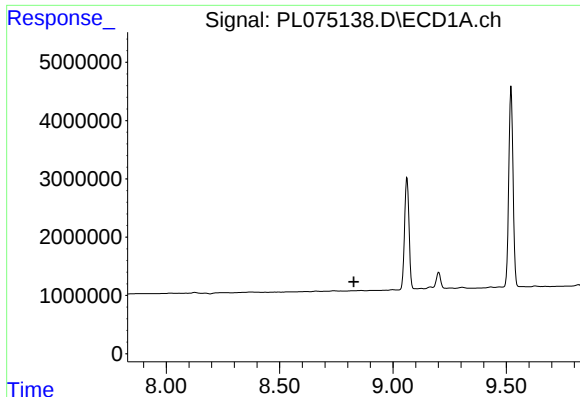
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 8.665 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

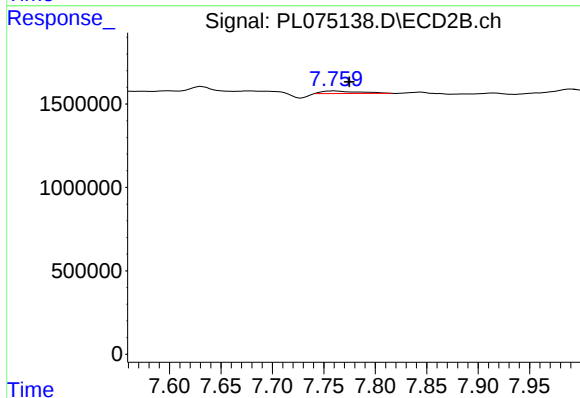
R.T.: 7.631 min  
Delta R.T.: -0.014 min  
Response: 339042  
Conc: 0.29 ng/ml



#13 Dieldrin

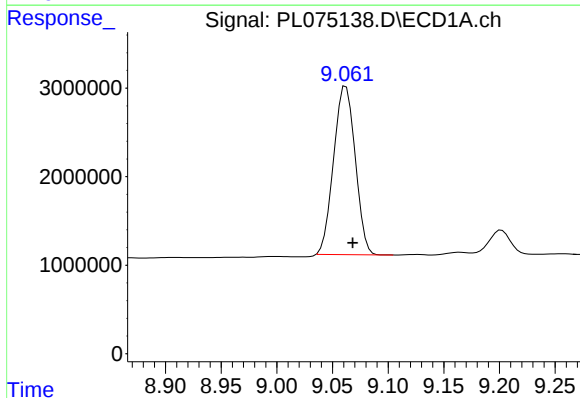
R.T.: 0.000 min  
Exp R.T.: 8.827 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



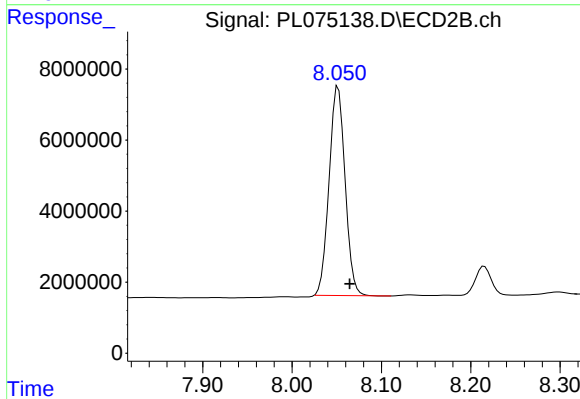
#13 Dieldrin

R.T.: 7.761 min  
Delta R.T.: -0.014 min  
Response: 393866  
Conc: 0.31 ng/ml



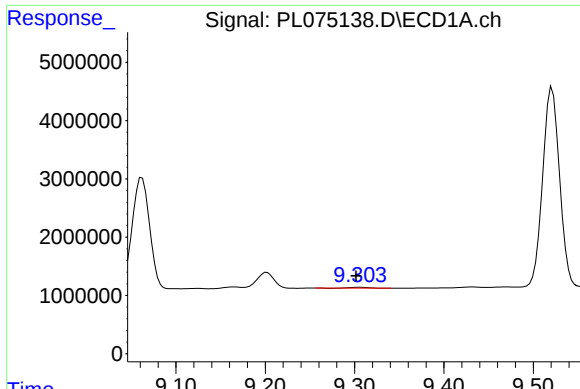
#14 Endrin

R.T.: 9.062 min  
Delta R.T.: -0.006 min  
Response: 25695103  
Conc: 62.27 ng/ml



#14 Endrin

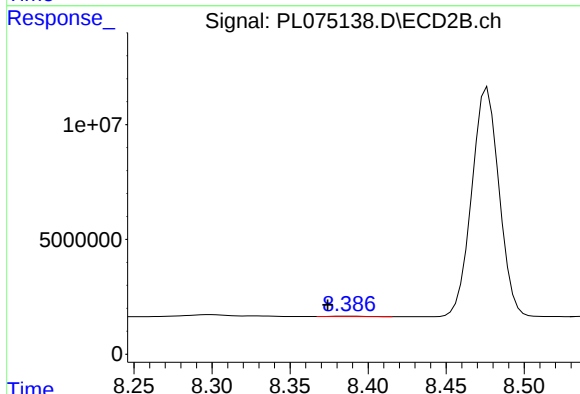
R.T.: 8.052 min  
Delta R.T.: -0.013 min  
Response: 73233755  
Conc: 69.33 ng/ml



#15 Endosulfan II

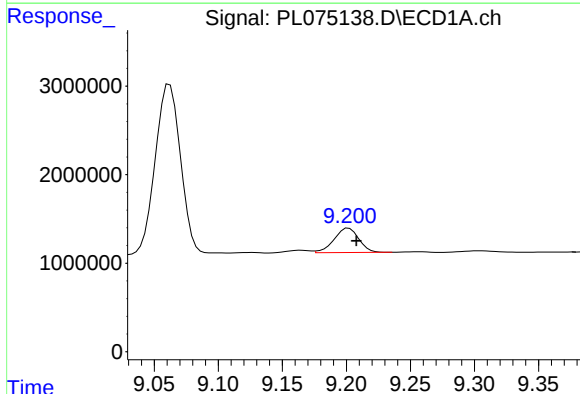
R.T.: 9.305 min  
Delta R.T.: 0.003 min  
Response: 159317  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



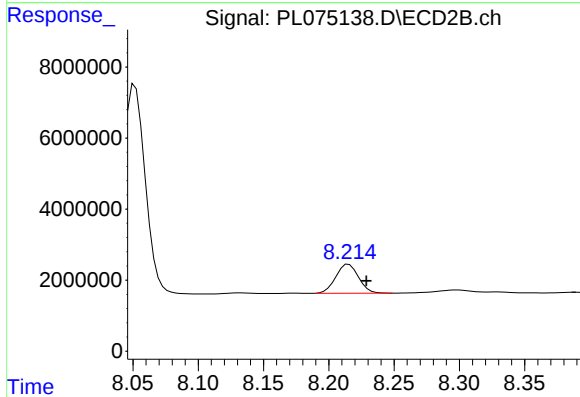
#15 Endosulfan II

R.T.: 8.387 min  
Delta R.T.: 0.013 min  
Response: 278184  
Conc: 0.25 ng/ml



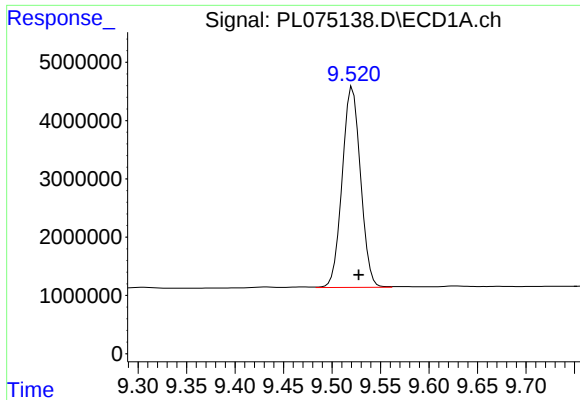
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: -0.006 min  
Response: 3688230  
Conc: 8.16 ng/ml



#16 4,4'-DDD

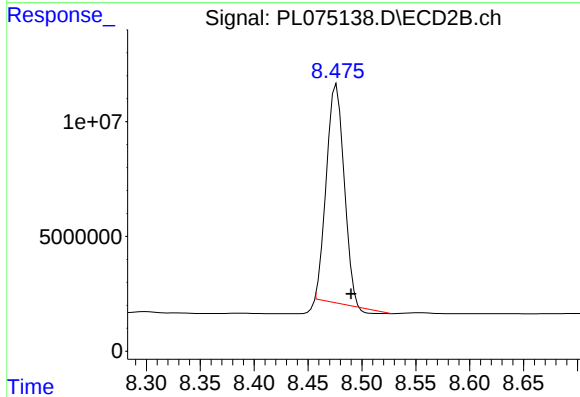
R.T.: 8.215 min  
Delta R.T.: -0.013 min  
Response: 9868642  
Conc: 10.02 ng/ml



#17 4,4'-DDT

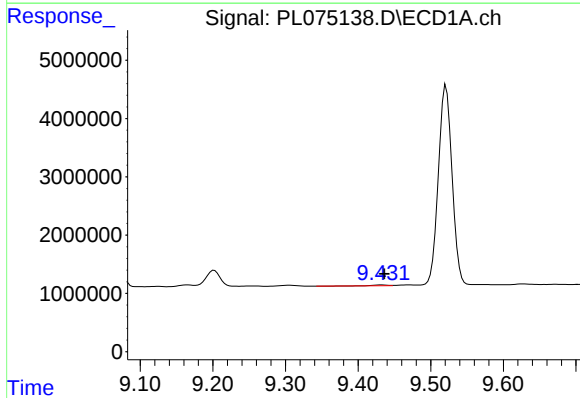
R.T.: 9.521 min  
Delta R.T.: -0.006 min  
Response: 45245686  
Conc: 98.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



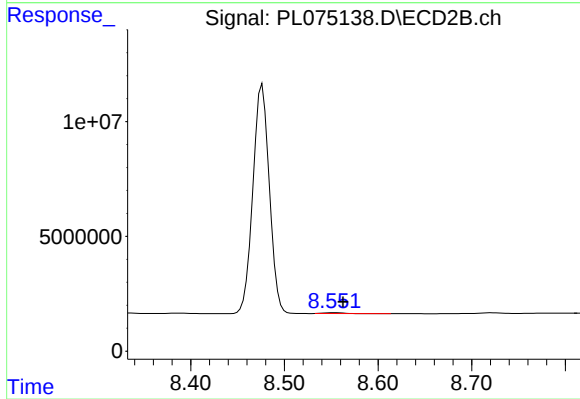
#17 4,4'-DDT

R.T.: 8.476 min  
Delta R.T.: -0.014 min  
Response: 106861283  
Conc: 106.81 ng/ml



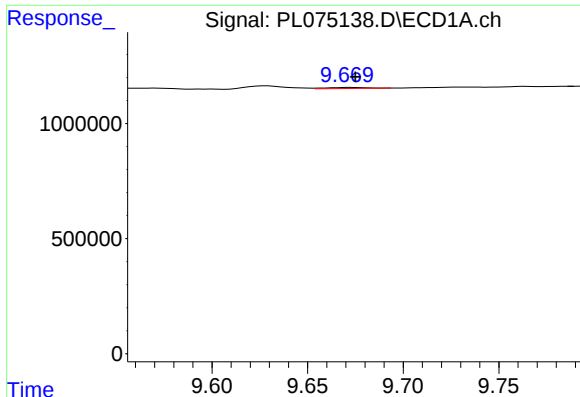
#18 Endrin aldehyde

R.T.: 9.432 min  
Delta R.T.: -0.004 min  
Response: 183078  
Conc: 0.52 ng/ml



#18 Endrin aldehyde

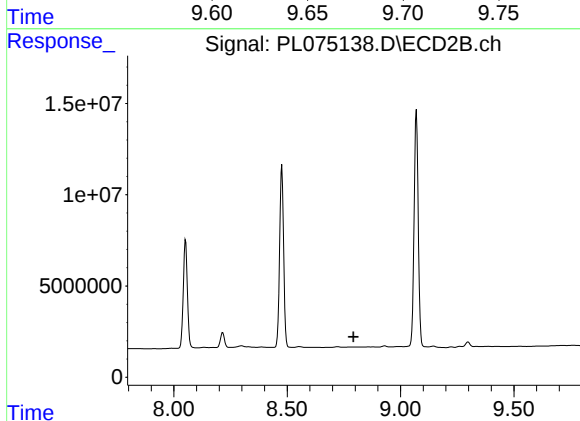
R.T.: 8.552 min  
Delta R.T.: -0.010 min  
Response: 546980  
Conc: 0.68 ng/ml



#19 Endosulfan Sulfate

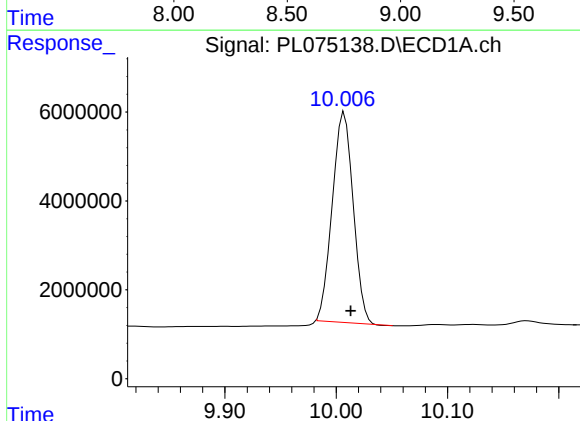
R.T.: 9.672 min  
Delta R.T.: -0.003 min  
Response: 67284  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



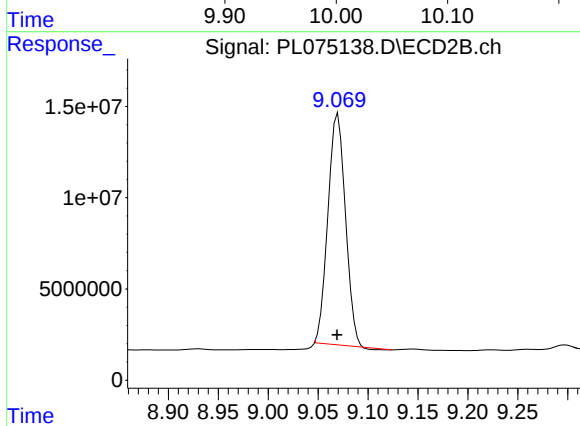
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 8.793 min  
Response: 0  
Conc: N.D.



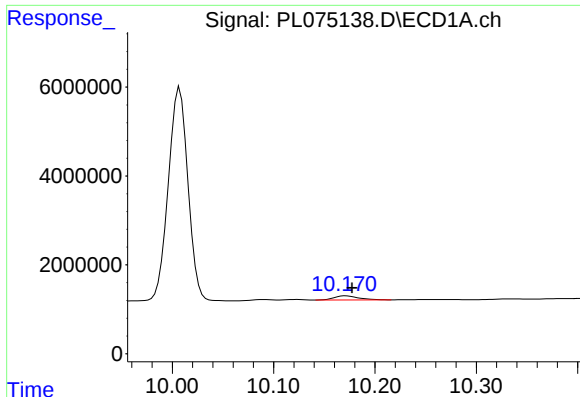
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: -0.006 min  
Response: 61652903  
Conc: 251.73 ng/ml



#20 Methoxychlor

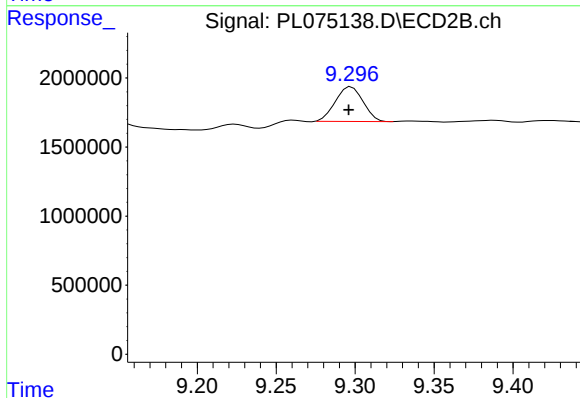
R.T.: 9.070 min  
Delta R.T.: 0.000 min  
Response: 153592317  
Conc: 262.82 ng/ml



#21 Endrin ketone

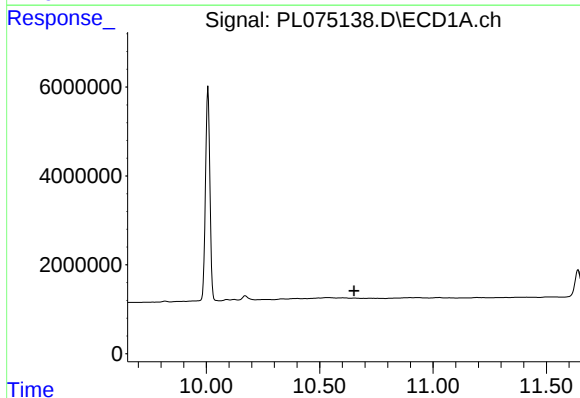
R.T.: 10.172 min  
Delta R.T.: -0.006 min  
Response: 1557049  
Conc: 3.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



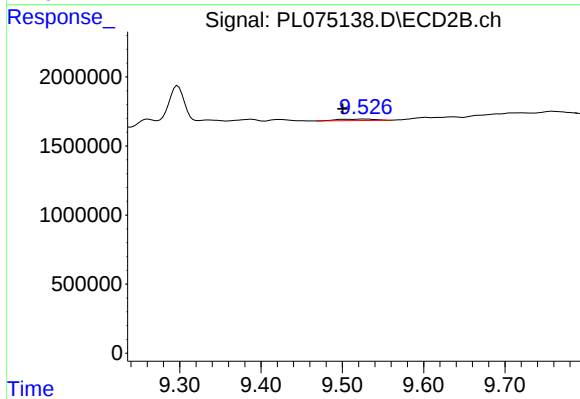
#21 Endrin ketone

R.T.: 9.298 min  
Delta R.T.: 0.002 min  
Response: 3064729  
Conc: 2.75 ng/ml



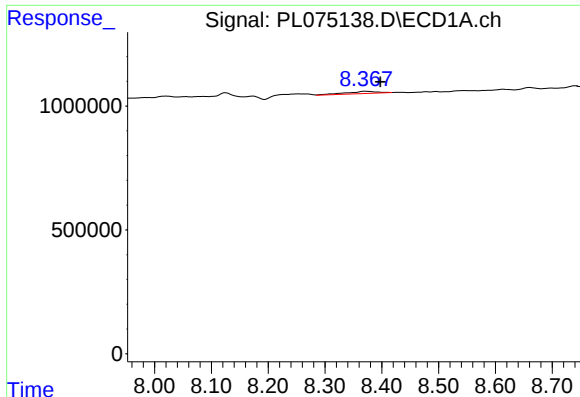
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 10.652 min  
Response: 0  
Conc: N.D.



#22 Mirex

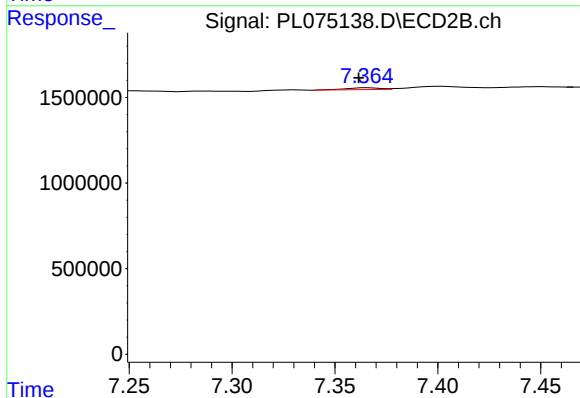
R.T.: 9.527 min  
Delta R.T.: 0.026 min  
Response: 338311  
Conc: 0.35 ng/ml



#25 Chlordane-3

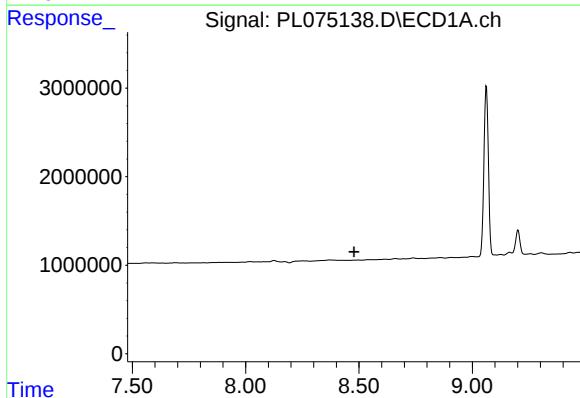
R.T.: 8.369 min  
Delta R.T.: -0.028 min  
Response: 348661  
Conc: 5.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



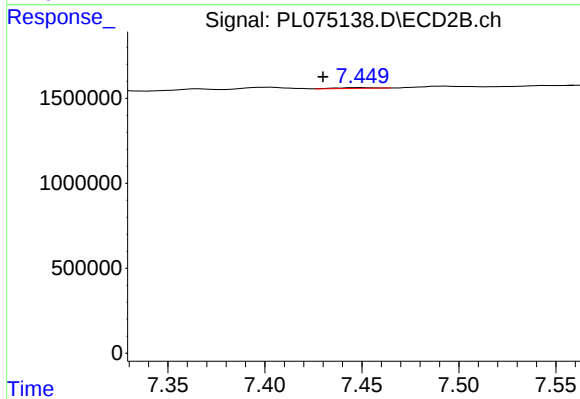
#25 Chlordane-3

R.T.: 7.366 min  
Delta R.T.: 0.004 min  
Response: 115793  
Conc: 0.89 ng/ml



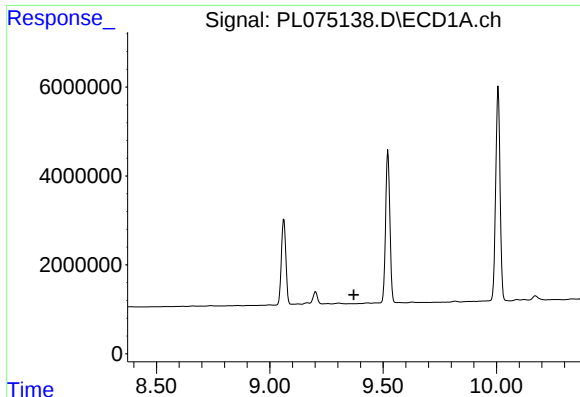
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 8.479 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

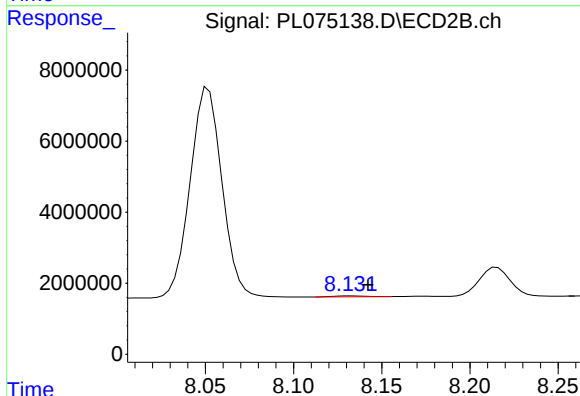
R.T.: 7.450 min  
Delta R.T.: 0.020 min  
Response: 68639  
Conc: 0.50 ng/ml



#27 Chlordane-5

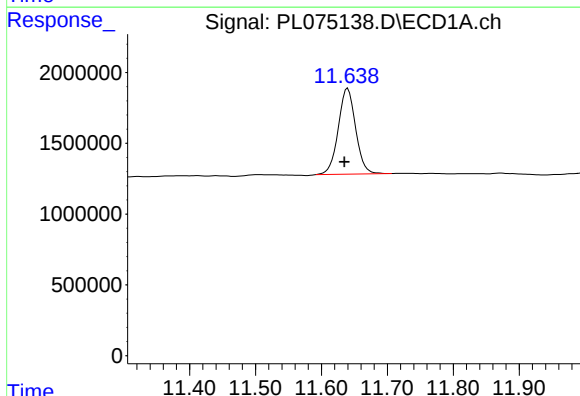
R.T.: 0.000 min  
Exp R.T.: 9.371 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



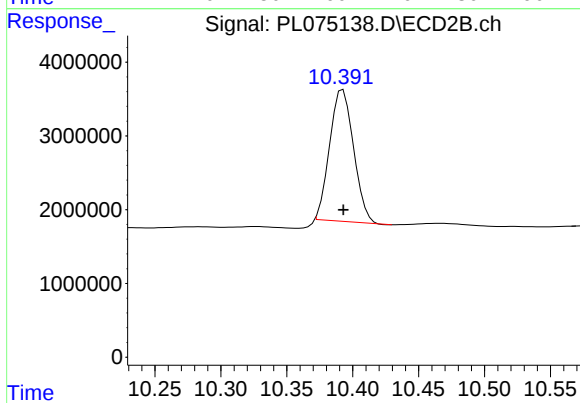
#27 Chlordane-5

R.T.: 8.132 min  
Delta R.T.: -0.010 min  
Response: 322853  
Conc: 8.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.640 min  
Delta R.T.: 0.005 min  
Response: 11123305  
Conc: 24.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.393 min  
Delta R.T.: 0.000 min  
Response: 22483311  
Conc: 21.90 ng/ml