

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051622\  
 Data File : PL074733.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2022 16:40  
 Operator : AR\AJ  
 Sample : N2847-01MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 17 00:50:17 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... | 5.648  | 4.653  | 9608072  | 23958242 | 18.923   | 17.456    |
| 28)                         | SA Decachlor... | 11.650 | 10.406 | 5591092  | 11928123 | 12.520   | 11.621    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.232  | 5.356  | 47192404 | 115.4E6  | 68.980   | 68.563    |
| 3)                          | MA gamma-BHC... | 6.630  | 5.776  | 45425235 | 109.5E6  | 70.372   | 66.266    |
| 4)                          | MA Heptachlor   | 7.285  | 6.186  | 44424027 | 101.5E6  | 68.835   | 66.844    |
| 5)                          | MB Aldrin       | 7.659  | 6.511  | 43680585 | 107.3E6  | 70.512   | 71.513    |
| 6)                          | B beta-BHC      | 6.881  | 6.153  | 19573848 | 47919347 | 65.584   | 60.354    |
| 7)                          | B delta-BHC     | 7.151  | 6.414  | 42855773 | 103.5E6  | 68.346   | 66.205    |
| 8)                          | B Heptachlo...  | 8.127  | 7.085  | 39374043 | 91125044 | 69.229   | 65.474    |
| 9)                          | A Endosulfan I  | 8.536  | 7.487  | 37639939 | 83035604 | 65.291   | 66.368    |
| 10)                         | B gamma-Chl...  | 8.397  | 7.361  | 38284205 | 92227268 | 74.015   | 66.550    |
| 11)                         | B alpha-Chl...  | 8.479  | 7.430  | 41359720 | 90247039 | 67.747   | 66.759    |
| 12)                         | B 4,4'-DDE      | 8.665  | 7.642  | 33920700 | 81332239 | 73.274   | 69.119    |
| 13)                         | MA Dieldrin     | 8.826  | 7.772  | 38285131 | 88197642 | 72.840   | 69.234    |
| 14)                         | MA Endrin       | 9.068  | 8.063  | 32036755 | 79015468 | 77.634   | 74.804    |
| 15)                         | B Endosulfa...  | 9.301  | 8.373  | 33926662 | 75372834 | 77.175   | 66.725    |
| 16)                         | A 4,4'-DDD      | 9.208  | 8.227  | 29873116 | 65766066 | 66.073   | 66.758    |
| 17)                         | MA 4,4'-DDT     | 9.527  | 8.488  | 31717141 | 69507945 | 69.006   | 69.472    |
| 18)                         | B Endrin al...  | 9.436  | 8.560  | 27472189 | 59846781 | 77.623   | 74.932    |
| 19)                         | B Endosulfa...  | 9.675  | 8.791  | 31539931 | 73221852 | 69.783   | 67.266    |
| 20)                         | A Methoxychlor  | 10.012 | 9.082  | 17612811 | 38796633 | 71.915   | 66.388    |
| 21)                         | B Endrin ke...  | 10.177 | 9.310  | 34776322 | 78171501 | 67.811   | 70.116    |
| 22)                         | Mirex           | 10.651 | 9.499  | 26457390 | 59428914 | 65.568   | 61.356    |
| 23)                         | Chlordane-1     | 0.000  | 5.972  | 0        | 275363   | N.D.     | 6.076 #   |
| 24)                         | Chlordane-2     | 7.659f | 0.000  | 43680585 | 0        | 1970.786 | N.D. #    |
| 25)                         | Chlordane-3     | 8.397  | 7.361  | 38284205 | 92227268 | 559.227  | 710.588 # |
| 26)                         | Chlordane-4     | 8.479  | 7.430  | 41359720 | 90247039 | 429.310  | 658.317 # |
| 27)                         | Chlordane-5     | 0.000  | 8.144  | 0        | 1400891  | N.D.     | 37.889 #  |
| -----                       |                 |        |        |          |          |          |           |

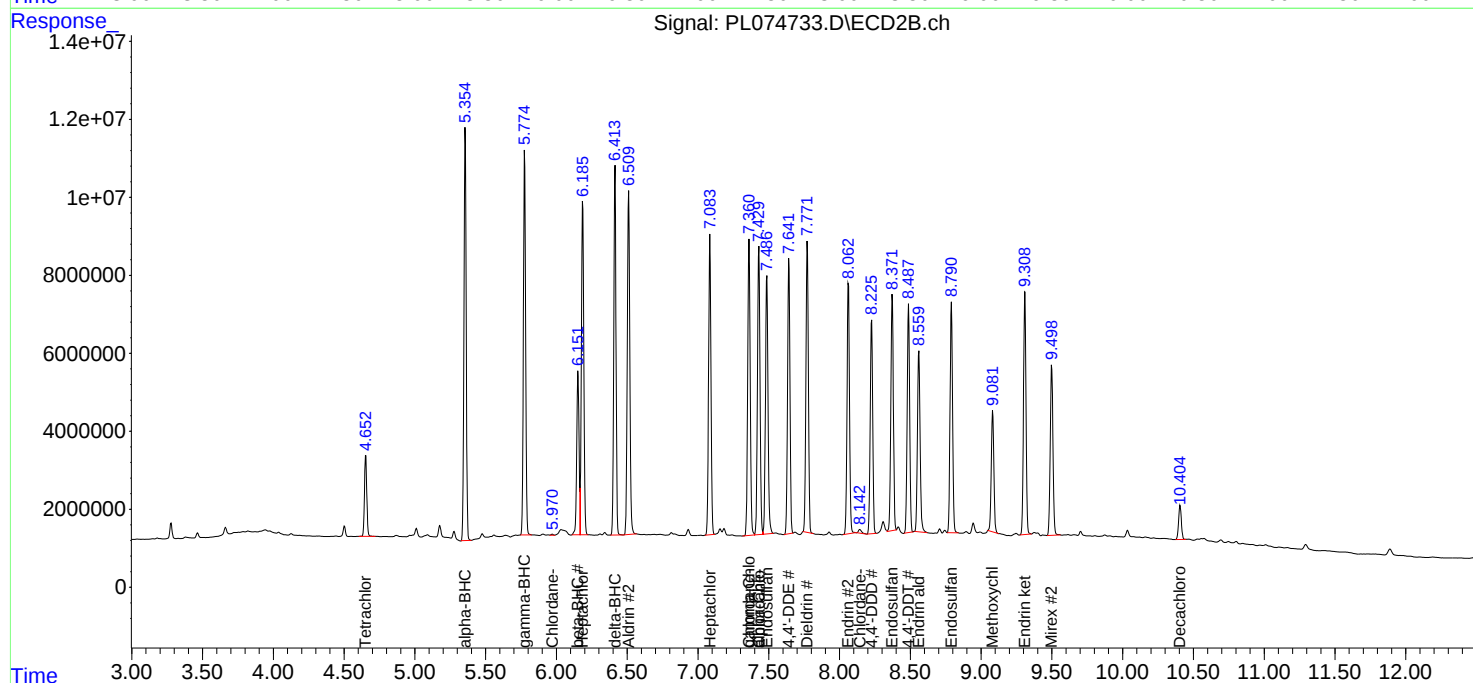
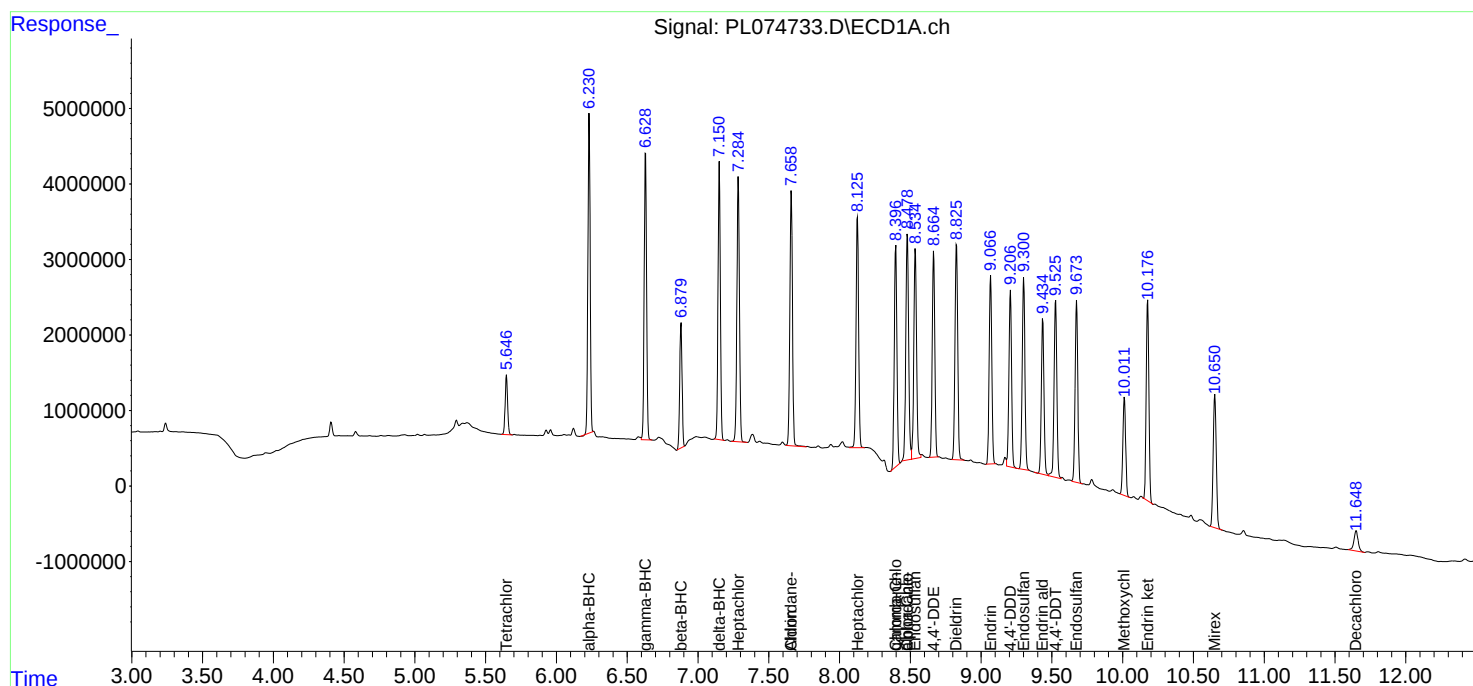
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

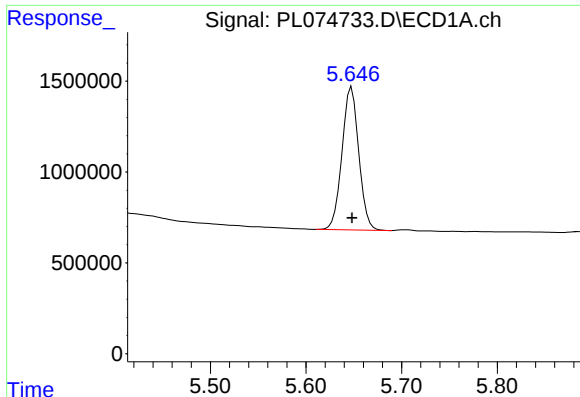
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051622\  
Data File : PL074733.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2022 16:40  
Operator : AR\AJ  
Sample : N2847-01MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 00:50:17 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

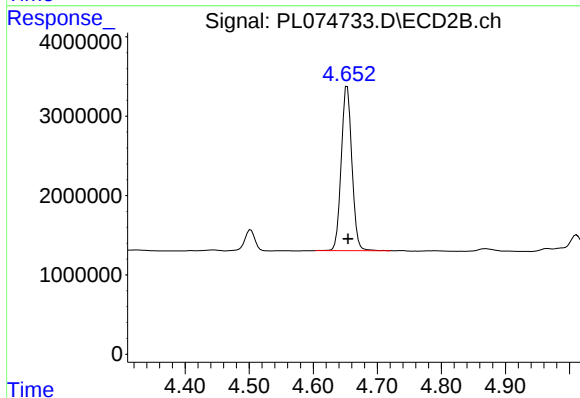




#1 Tetrachloro-m-xylene

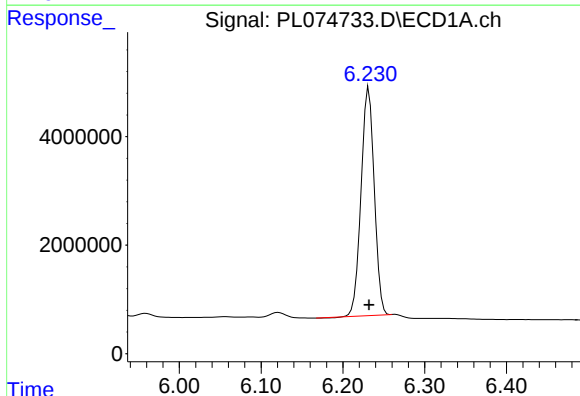
R.T.: 5.648 min  
Delta R.T.: 0.000 min  
Response: 9608072  
Conc: 18.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



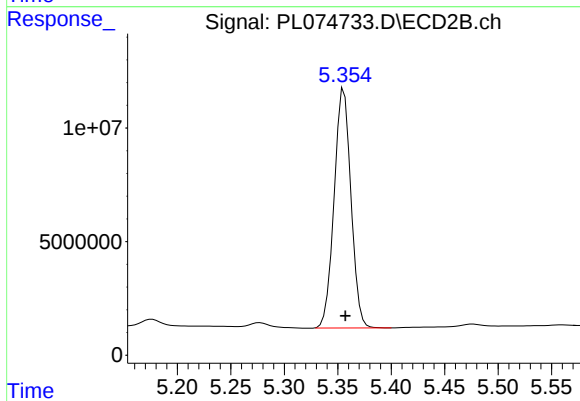
#1 Tetrachloro-m-xylene

R.T.: 4.653 min  
Delta R.T.: -0.001 min  
Response: 23958242  
Conc: 17.46 ng/ml



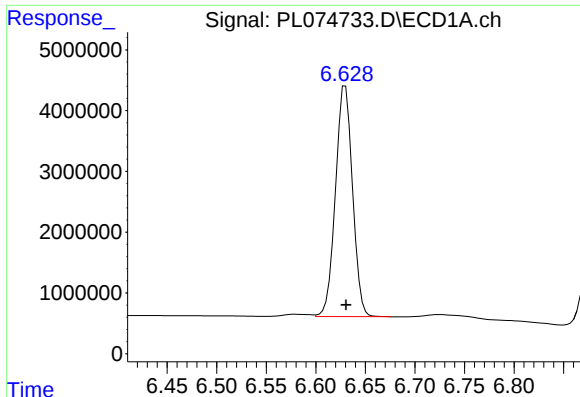
#2 alpha-BHC

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 47192404  
Conc: 68.98 ng/ml



#2 alpha-BHC

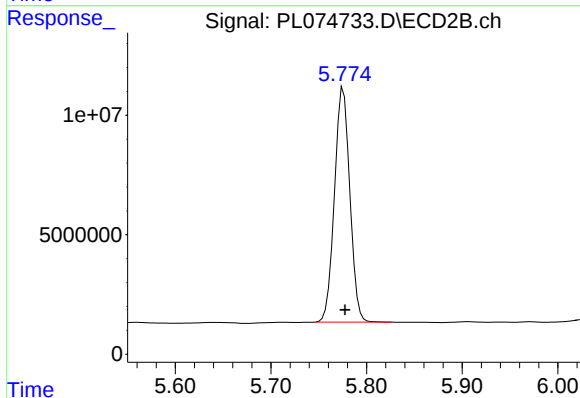
R.T.: 5.356 min  
Delta R.T.: -0.001 min  
Response: 115384012  
Conc: 68.56 ng/ml



#3 gamma-BHC (Lindane)

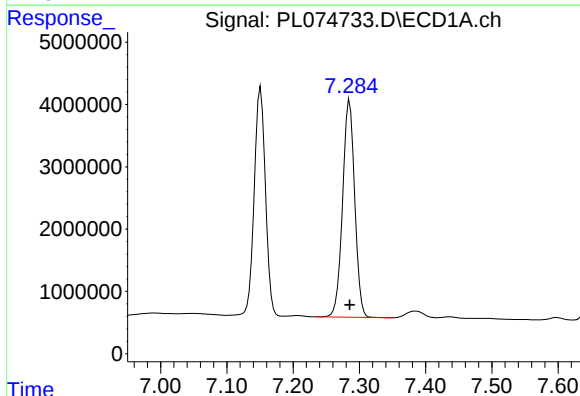
R.T.: 6.630 min  
Delta R.T.: 0.000 min  
Response: 45425235  
Conc: 70.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



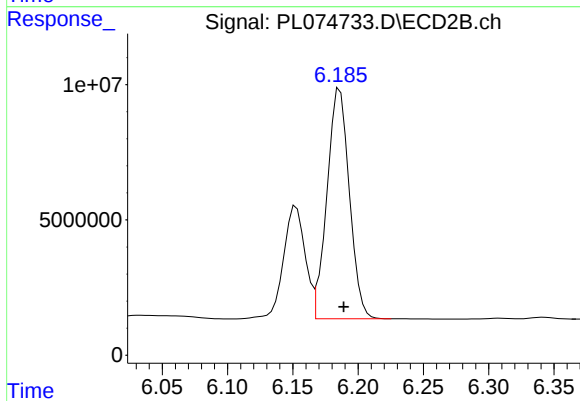
#3 gamma-BHC (Lindane)

R.T.: 5.776 min  
Delta R.T.: -0.002 min  
Response: 109498258  
Conc: 66.27 ng/ml



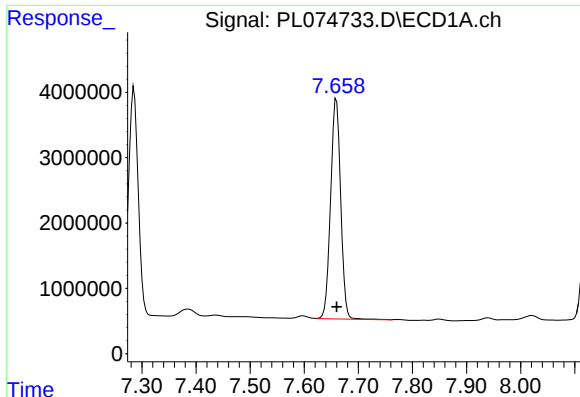
#4 Heptachlor

R.T.: 7.285 min  
Delta R.T.: 0.000 min  
Response: 44424027  
Conc: 68.83 ng/ml



#4 Heptachlor

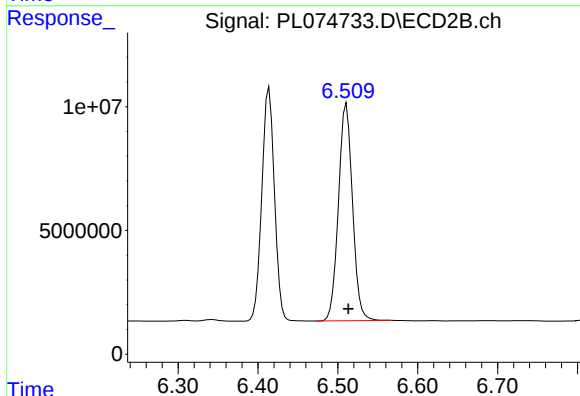
R.T.: 6.186 min  
Delta R.T.: -0.003 min  
Response: 101459364  
Conc: 66.84 ng/ml



#5 Aldrin

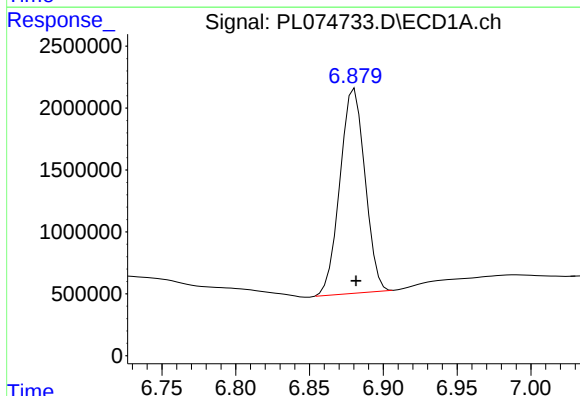
R.T.: 7.659 min  
Delta R.T.: 0.000 min  
Response: 43680585  
Conc: 70.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



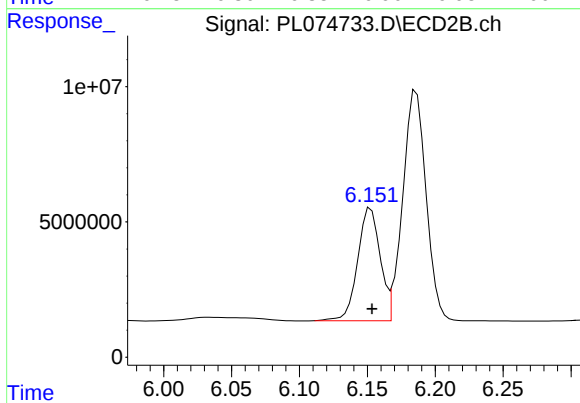
#5 Aldrin

R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 107302220  
Conc: 71.51 ng/ml



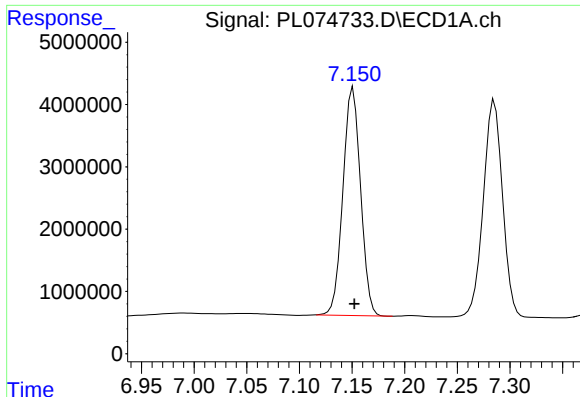
#6 beta-BHC

R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 19573848  
Conc: 65.58 ng/ml



#6 beta-BHC

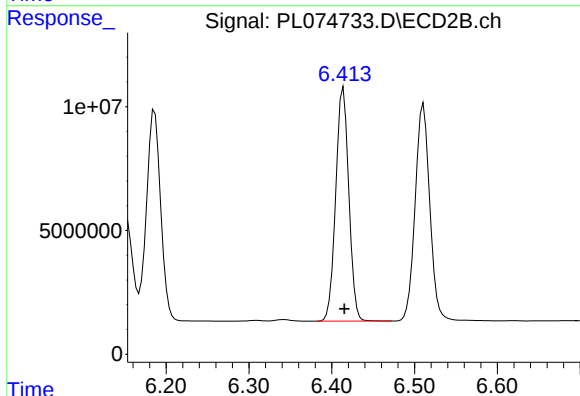
R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 47919347  
Conc: 60.35 ng/ml



#7 delta-BHC

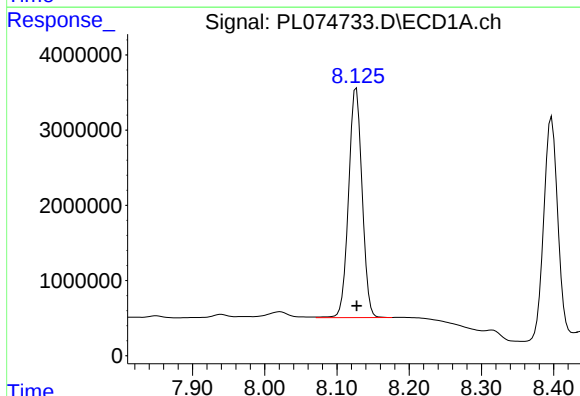
R.T.: 7.151 min  
Delta R.T.: -0.001 min  
Response: 42855773  
Conc: 68.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



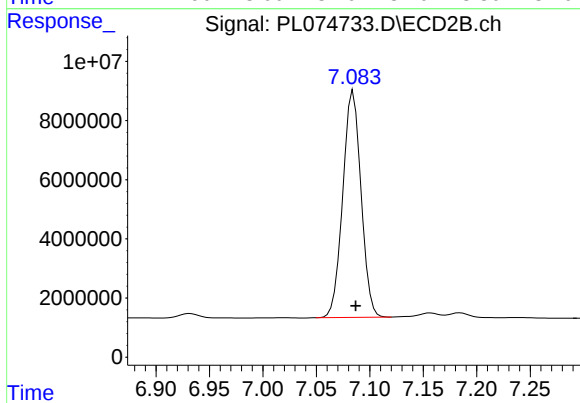
#7 delta-BHC

R.T.: 6.414 min  
Delta R.T.: -0.001 min  
Response: 103525336  
Conc: 66.21 ng/ml



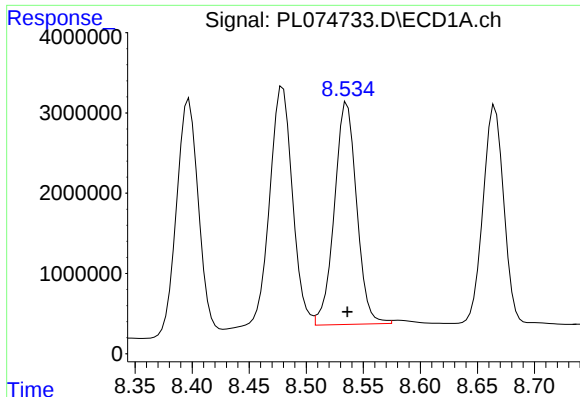
#8 Heptachlor epoxide

R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 39374043  
Conc: 69.23 ng/ml



#8 Heptachlor epoxide

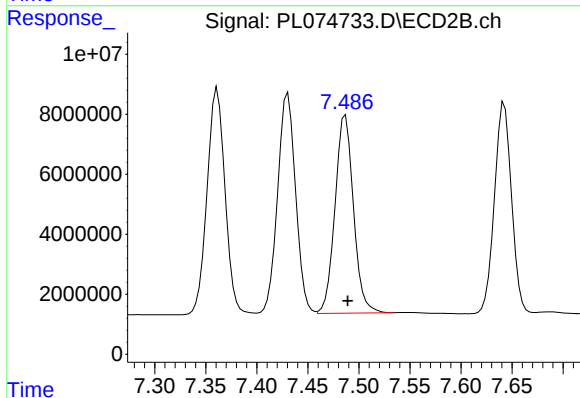
R.T.: 7.085 min  
Delta R.T.: -0.002 min  
Response: 91125044  
Conc: 65.47 ng/ml



#9 Endosulfan I

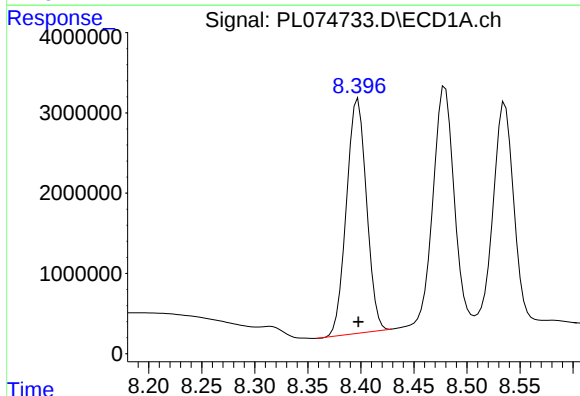
R.T.: 8.536 min  
Delta R.T.: 0.000 min  
Response: 37639939  
Conc: 65.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



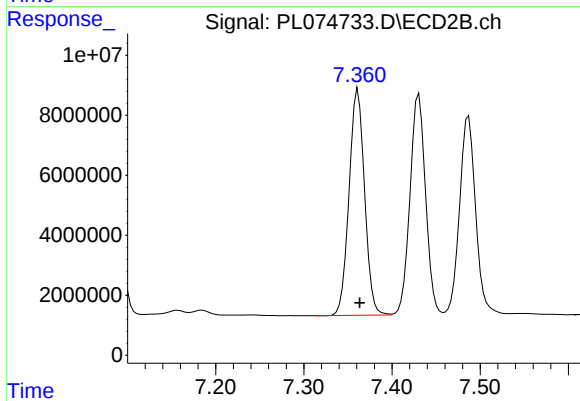
#9 Endosulfan I

R.T.: 7.487 min  
Delta R.T.: -0.002 min  
Response: 83035604  
Conc: 66.37 ng/ml



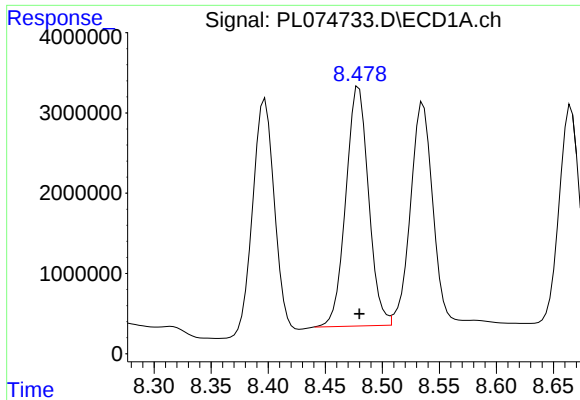
#10 gamma-Chlordane

R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 38284205  
Conc: 74.01 ng/ml



#10 gamma-Chlordane

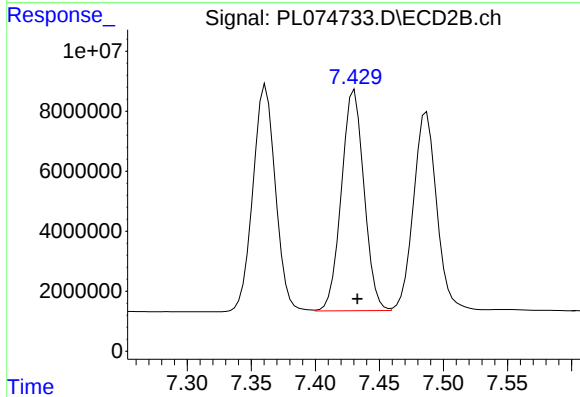
R.T.: 7.361 min  
Delta R.T.: -0.002 min  
Response: 92227268  
Conc: 66.55 ng/ml



#11 alpha-Chlordane

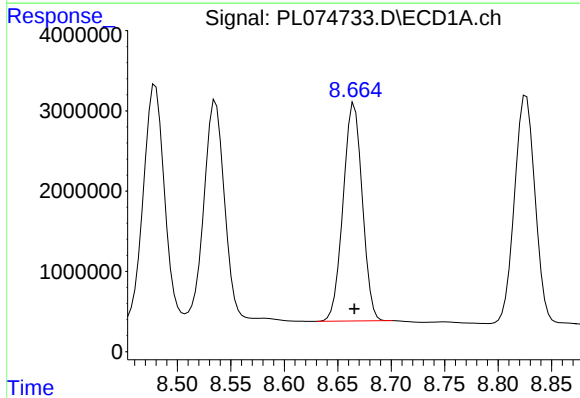
R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 41359720  
Conc: 67.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



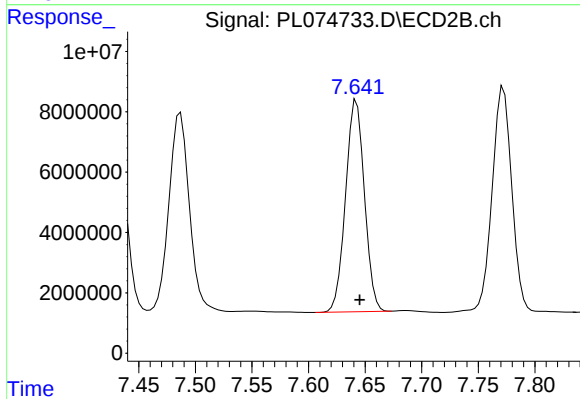
#11 alpha-Chlordane

R.T.: 7.430 min  
Delta R.T.: -0.002 min  
Response: 90247039  
Conc: 66.76 ng/ml



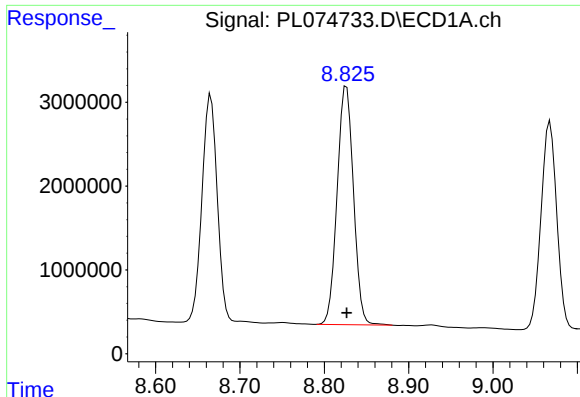
#12 4,4'-DDE

R.T.: 8.665 min  
Delta R.T.: 0.000 min  
Response: 33920700  
Conc: 73.27 ng/ml



#12 4,4'-DDE

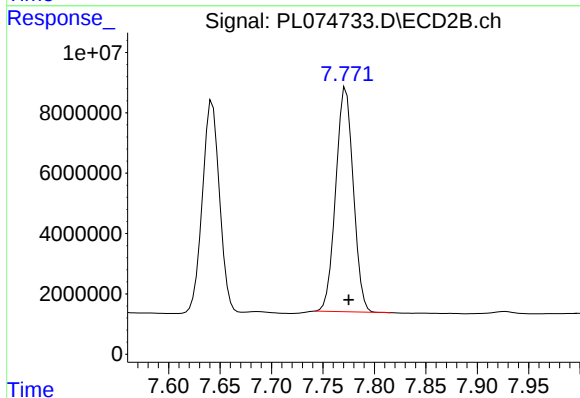
R.T.: 7.642 min  
Delta R.T.: -0.003 min  
Response: 81332239  
Conc: 69.12 ng/ml



#13 Dieldrin

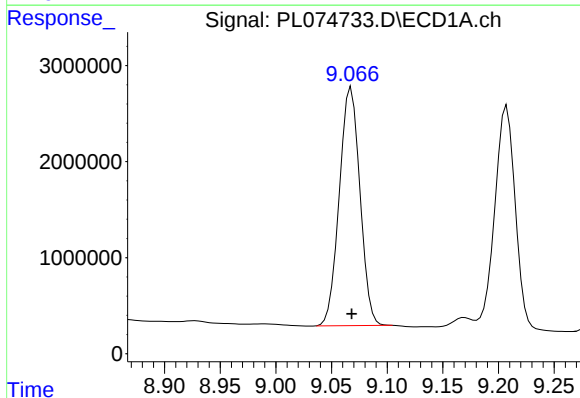
R.T.: 8.826 min  
Delta R.T.: 0.000 min  
Response: 38285131  
Conc: 72.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



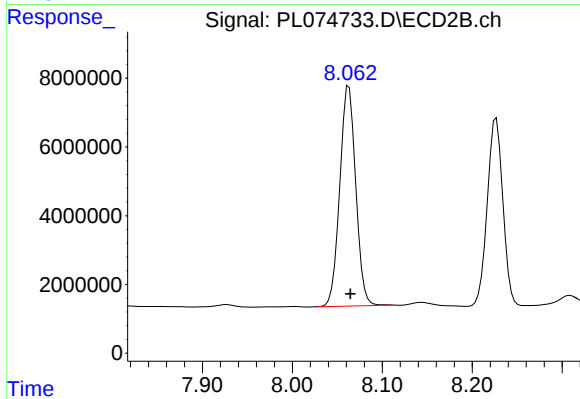
#13 Dieldrin

R.T.: 7.772 min  
Delta R.T.: -0.003 min  
Response: 88197642  
Conc: 69.23 ng/ml



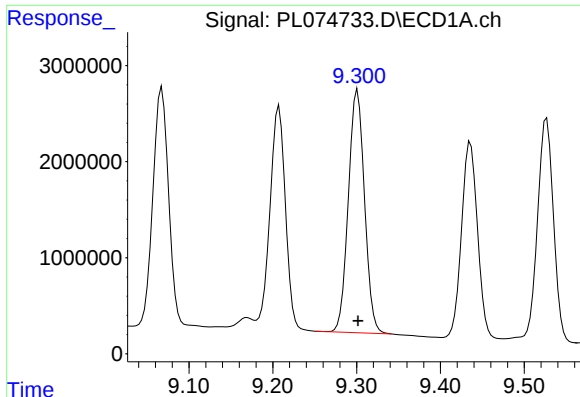
#14 Endrin

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 32036755  
Conc: 77.63 ng/ml



#14 Endrin

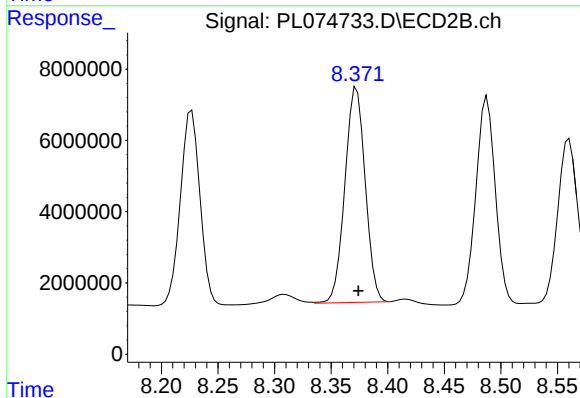
R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 79015468  
Conc: 74.80 ng/ml



#15 Endosulfan II

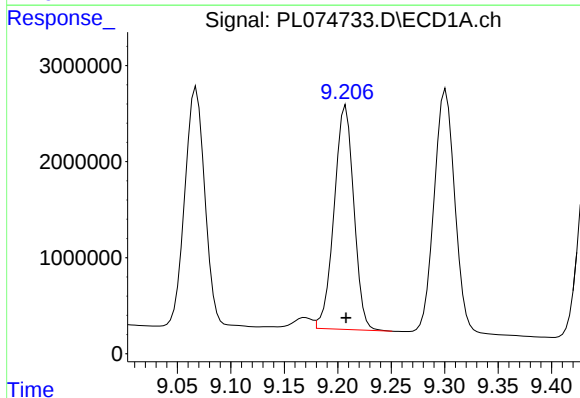
R.T.: 9.301 min  
Delta R.T.: 0.000 min  
Response: 33926662  
Conc: 77.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



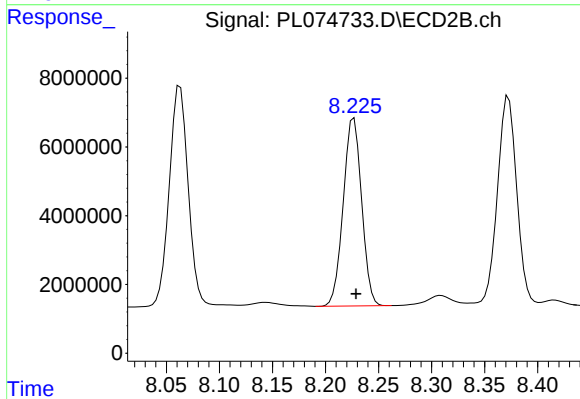
#15 Endosulfan II

R.T.: 8.373 min  
Delta R.T.: -0.002 min  
Response: 75372834  
Conc: 66.72 ng/ml



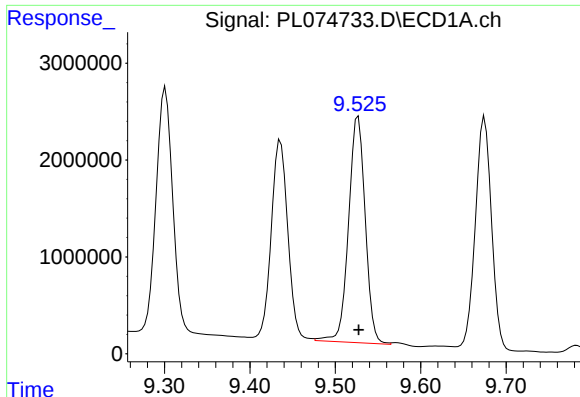
#16 4,4'-DDD

R.T.: 9.208 min  
Delta R.T.: 0.000 min  
Response: 29873116  
Conc: 66.07 ng/ml



#16 4,4'-DDD

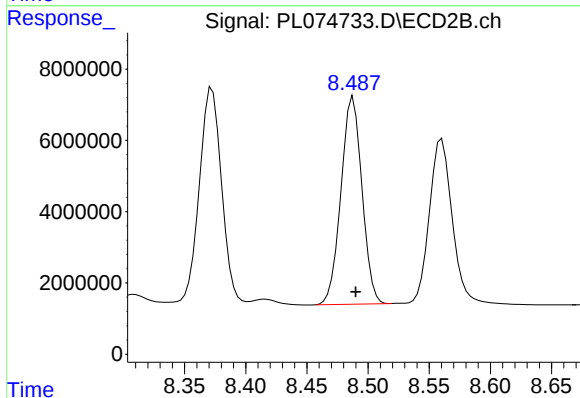
R.T.: 8.227 min  
Delta R.T.: -0.002 min  
Response: 65766066  
Conc: 66.76 ng/ml



#17 4,4'-DDT

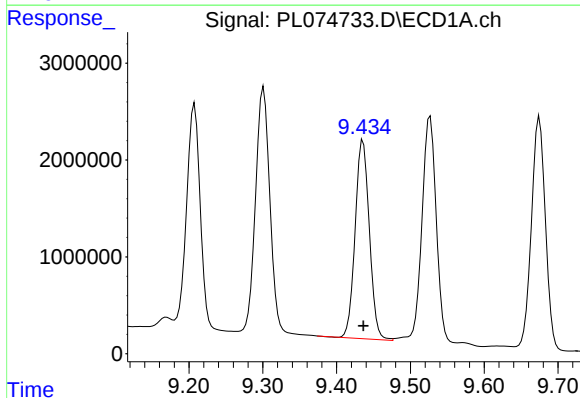
R.T.: 9.527 min  
Delta R.T.: 0.000 min  
Response: 31717141  
Conc: 69.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



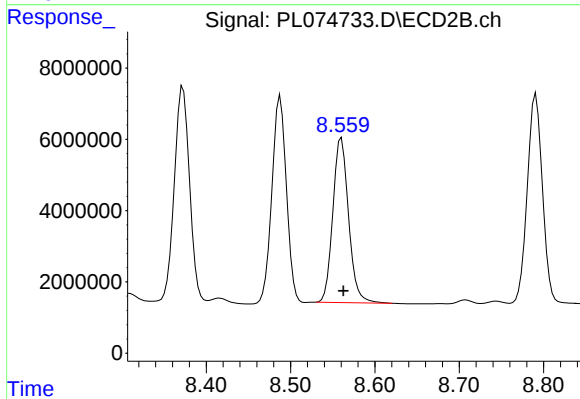
#17 4,4'-DDT

R.T.: 8.488 min  
Delta R.T.: -0.002 min  
Response: 69507945  
Conc: 69.47 ng/ml



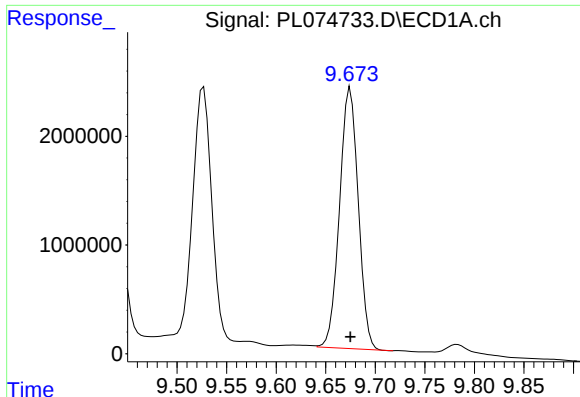
#18 Endrin aldehyde

R.T.: 9.436 min  
Delta R.T.: 0.000 min  
Response: 27472189  
Conc: 77.62 ng/ml



#18 Endrin aldehyde

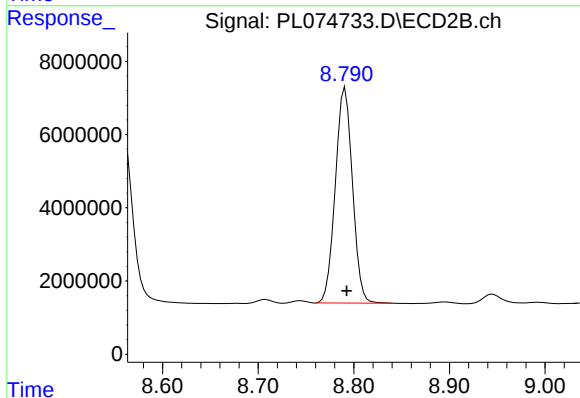
R.T.: 8.560 min  
Delta R.T.: -0.002 min  
Response: 59846781  
Conc: 74.93 ng/ml



#19 Endosulfan Sulfate

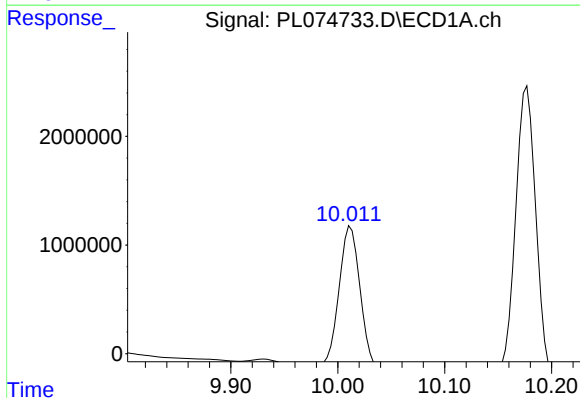
R.T.: 9.675 min  
Delta R.T.: 0.000 min  
Response: 31539931  
Conc: 69.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



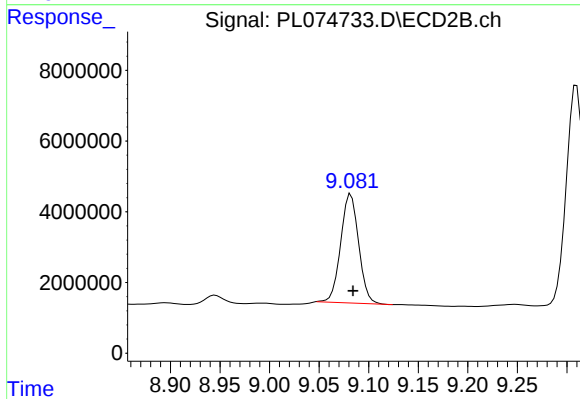
#19 Endosulfan Sulfate

R.T.: 8.791 min  
Delta R.T.: -0.002 min  
Response: 73221852  
Conc: 67.27 ng/ml



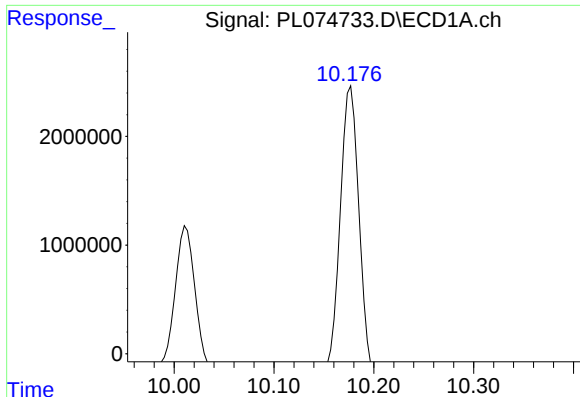
#20 Methoxychlor

R.T.: 10.012 min  
Delta R.T.: 0.000 min  
Response: 17612811  
Conc: 71.91 ng/ml



#20 Methoxychlor

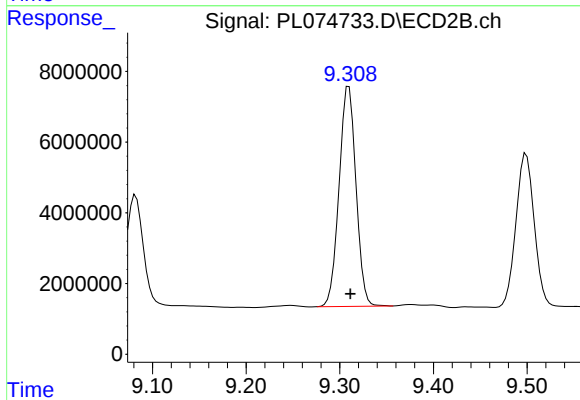
R.T.: 9.082 min  
Delta R.T.: -0.002 min  
Response: 38796633  
Conc: 66.39 ng/ml



#21 Endrin ketone

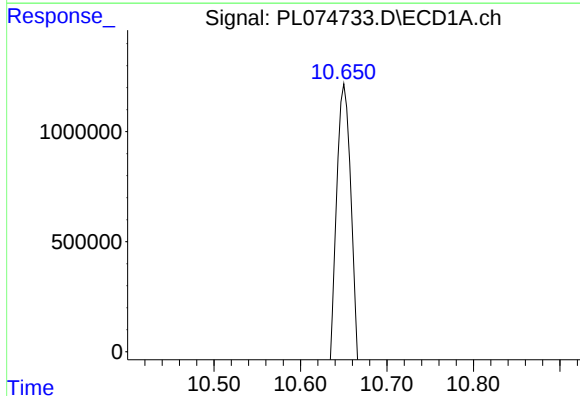
R.T.: 10.177 min  
Delta R.T.: 0.000 min  
Response: 34776322  
Conc: 67.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



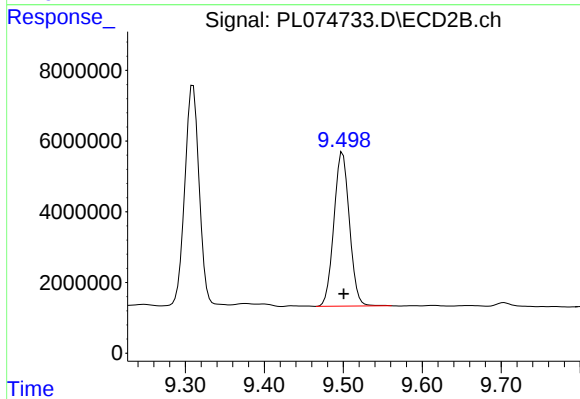
#21 Endrin ketone

R.T.: 9.310 min  
Delta R.T.: -0.002 min  
Response: 78171501  
Conc: 70.12 ng/ml



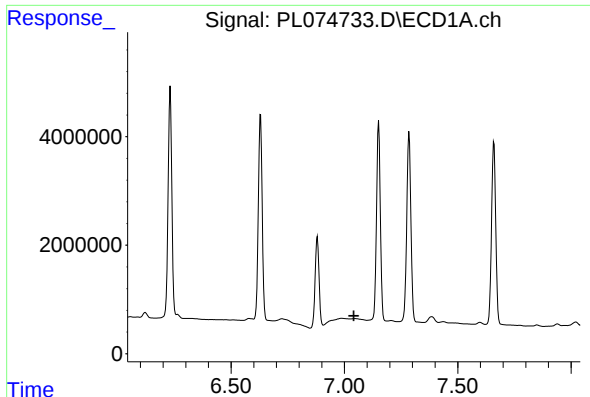
#22 Mirex

R.T.: 10.651 min  
Delta R.T.: 0.000 min  
Response: 26457390  
Conc: 65.57 ng/ml



#22 Mirex

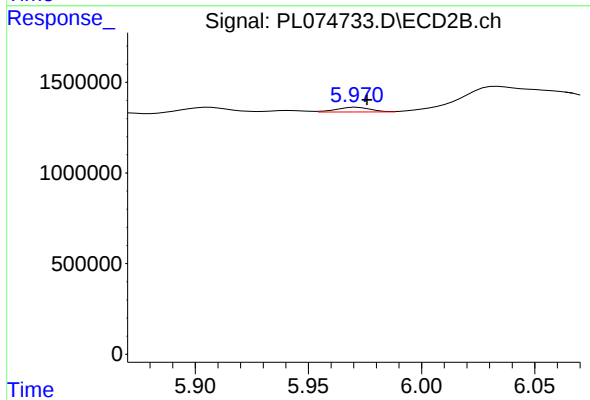
R.T.: 9.499 min  
Delta R.T.: -0.002 min  
Response: 59428914  
Conc: 61.36 ng/ml



#23 Chlordane-1

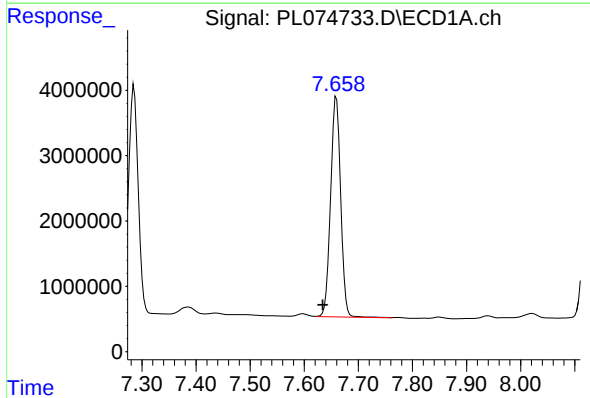
R.T.: 0.000 min  
Exp R.T.: 7.041 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



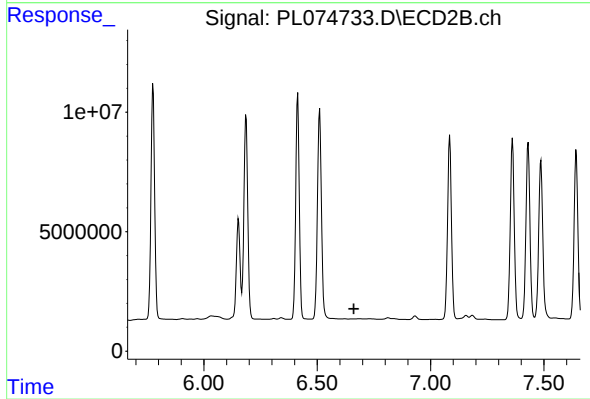
#23 Chlordane-1

R.T.: 5.972 min  
Delta R.T.: -0.004 min  
Response: 275363  
Conc: 6.08 ng/ml



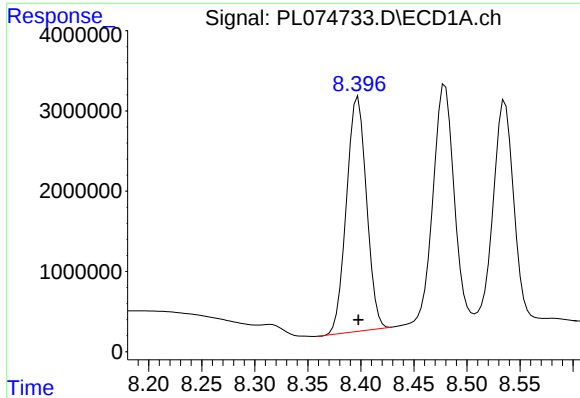
#24 Chlordane-2

R.T.: 7.659 min  
Delta R.T.: 0.025 min  
Response: 43680585  
Conc: 1970.79 ng/ml



#24 Chlordane-2

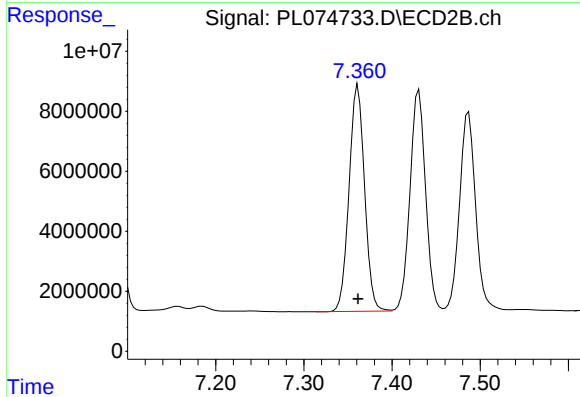
R.T.: 0.000 min  
Exp R.T.: 6.662 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

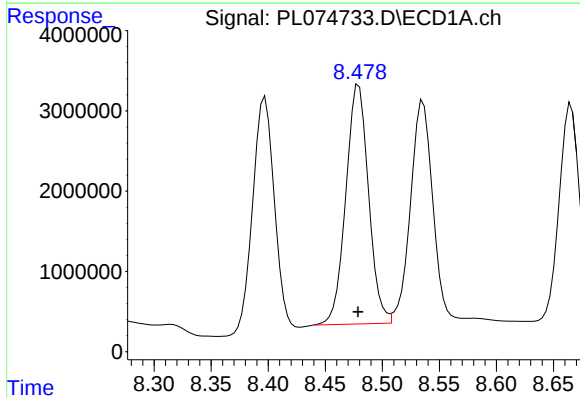
R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 38284205  
Conc: 559.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



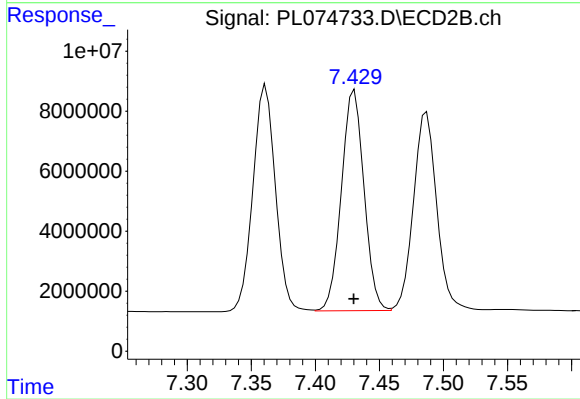
#25 Chlordane-3

R.T.: 7.361 min  
Delta R.T.: 0.000 min  
Response: 92227268  
Conc: 710.59 ng/ml



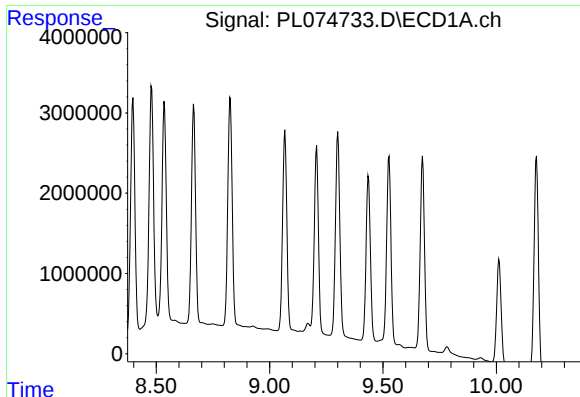
#26 Chlordane-4

R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 41359720  
Conc: 429.31 ng/ml



#26 Chlordane-4

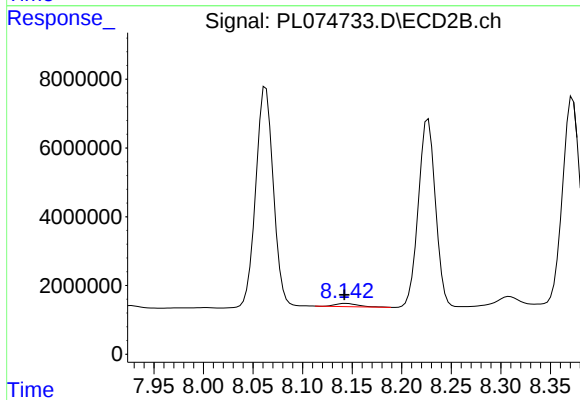
R.T.: 7.430 min  
Delta R.T.: 0.000 min  
Response: 90247039  
Conc: 658.32 ng/ml



#27 Chlordane-5

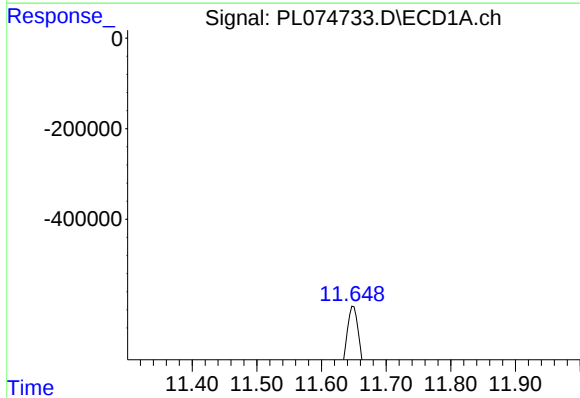
R.T.: 0.000 min  
Exp R.T.: 9.371 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



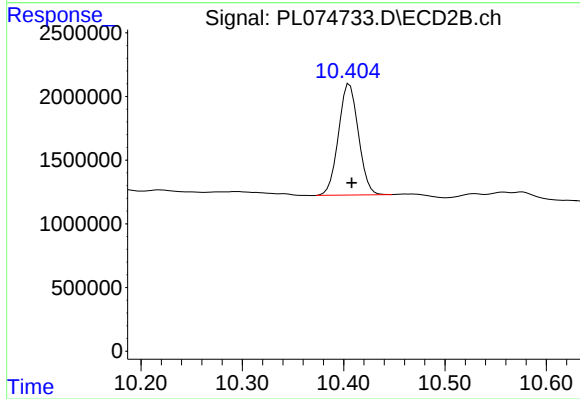
#27 Chlordane-5

R.T.: 8.144 min  
Delta R.T.: 0.001 min  
Response: 1400891  
Conc: 37.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.650 min  
Delta R.T.: -0.001 min  
Response: 5591092  
Conc: 12.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min  
Delta R.T.: -0.002 min  
Response: 11928123  
Conc: 11.62 ng/ml