

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070222\  
 Data File : PL076221.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jul 2022 13:50  
 Operator : AR\AJ  
 Sample : PB145979BLSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 03 22:50:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 24 02:17:51 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... | 5.640  | 4.630  | 14575662 | 35912052 | 19.272   | 18.935    |
| 28)                         | SA Decachlor... | 11.633 | 10.370 | 14430369 | 34142147 | 22.932   | 22.230    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.224  | 5.332  | 60804509 | 148.3E6  | 61.557   | 60.671    |
| 3)                          | MA gamma-BHC... | 6.623  | 5.752  | 56967107 | 137.5E6  | 61.535   | 59.478    |
| 4)                          | MA Heptachlor   | 7.277  | 6.159  | 55735275 | 134.1E6  | 60.758   | 59.122    |
| 5)                          | MB Aldrin       | 7.650  | 6.483  | 52294519 | 125.6E6  | 63.000   | 60.818    |
| 6)                          | B beta-BHC      | 6.875  | 6.132  | 25302626 | 57511483 | 57.773   | 55.134    |
| 7)                          | B delta-BHC     | 7.145  | 6.391  | 52434552 | 136.4E6  | 67.155   | 60.382    |
| 8)                          | B Heptachlo...  | 8.118  | 7.057  | 52836246 | 114.5E6  | 66.359   | 59.684    |
| 9)                          | A Endosulfan I  | 8.527  | 7.458  | 44250910 | 106.4E6  | 61.214   | 60.598    |
| 10)                         | B gamma-Chl...  | 8.389  | 7.333  | 47594304 | 116.8E6  | 61.233   | 60.739    |
| 11)                         | B alpha-Chl...  | 8.471  | 7.401  | 47719125 | 116.2E6  | 61.448   | 60.733    |
| 12)                         | B 4,4'-DDE      | 8.656  | 7.614  | 42203558 | 104.7E6  | 62.440   | 61.692    |
| 13)                         | MA Dieldrin     | 8.817  | 7.743  | 46790827 | 108.9E6  | 63.735   | 60.495    |
| 14)                         | MA Endrin       | 9.058  | 8.034  | 39144357 | 101.1E6  | 62.782   | 66.541    |
| 15)                         | B Endosulfa...  | 9.292  | 8.343  | 40335790 | 94418107 | 63.575   | 62.467    |
| 16)                         | A 4,4'-DDD      | 9.198  | 8.198  | 35949309 | 85565654 | 63.399   | 61.691    |
| 17)                         | MA 4,4'-DDT     | 9.517  | 8.457  | 39249306 | 90269702 | 64.294   | 61.034    |
| 18)                         | B Endrin al...  | 9.426  | 8.531  | 33665836 | 76381686 | 65.177   | 63.982    |
| 19)                         | B Endosulfa...  | 9.665  | 8.761  | 40034673 | 93352672 | 62.448   | 60.846    |
| 20)                         | A Methoxychlor  | 10.003 | 9.049  | 18306902 | 50655915 | 53.371   | 59.485    |
| 21)                         | B Endrin ke...  | 10.167 | 9.278  | 47488687 | 165.1E6  | 65.885   | 99.937 #  |
| 22)                         | Mirex           | 10.640 | 9.464  | 34798221 | 79544439 | 64.699   | 59.442    |
| 24)                         | Chlordane-2     | 7.650f | 6.657f | 52294519 | 7620115  | 1723.888 | 109.586 # |
| 25)                         | Chlordane-3     | 8.389  | 7.333  | 47594304 | 116.8E6  | 468.032  | 662.021 # |
| 26)                         | Chlordane-4     | 8.471  | 7.401  | 47719125 | 116.2E6  | 383.288  | 616.604 # |
| -----                       |                 |        |        |          |          |          |           |

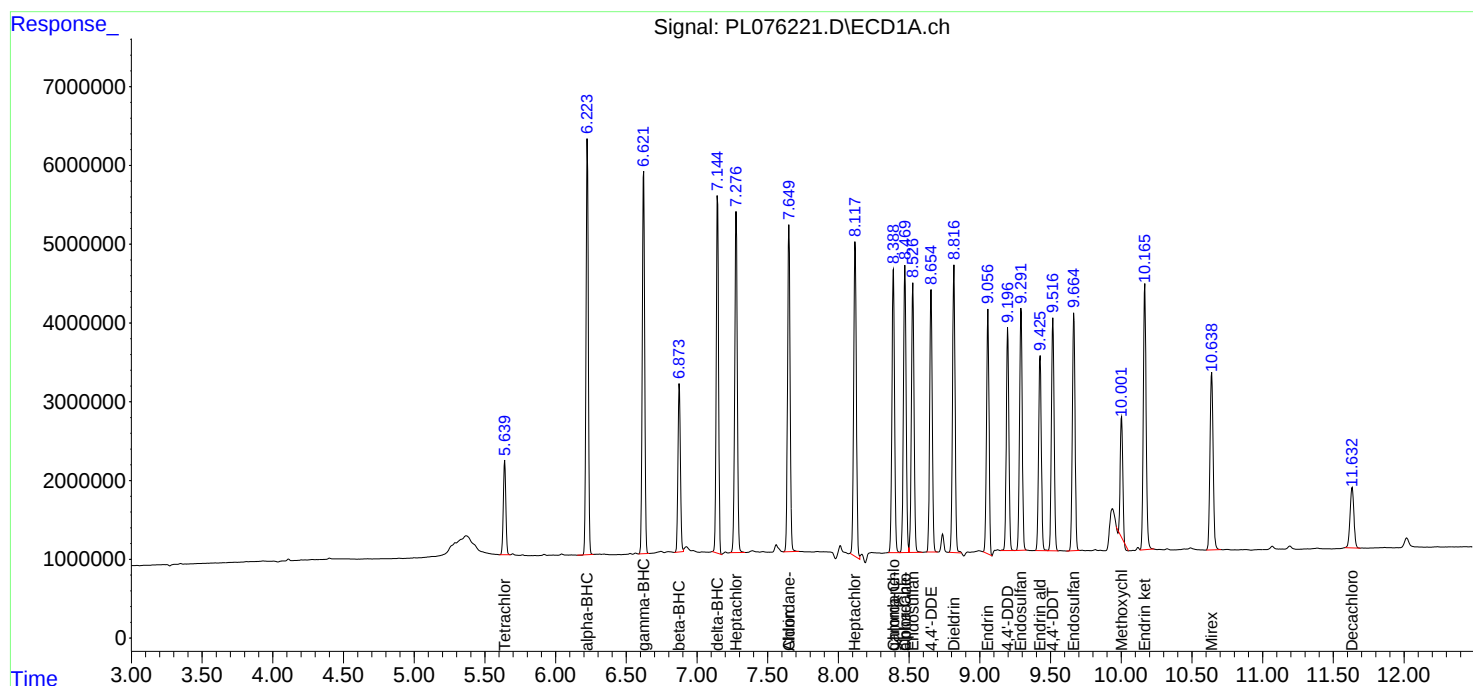
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

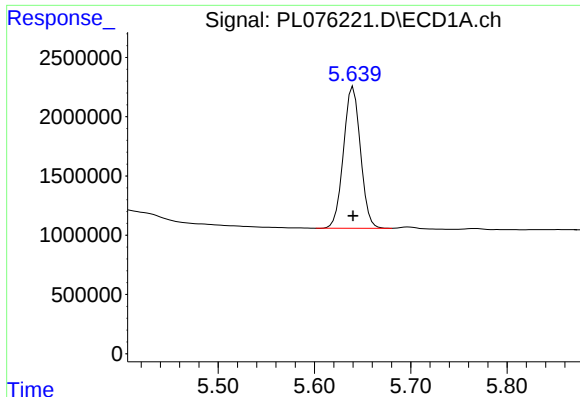
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070222\  
Data File : PL076221.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jul 2022 13:50  
Operator : AR\AJ  
Sample : PB145979BLSO  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 22:50:47 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062222.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 24 02:17:51 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

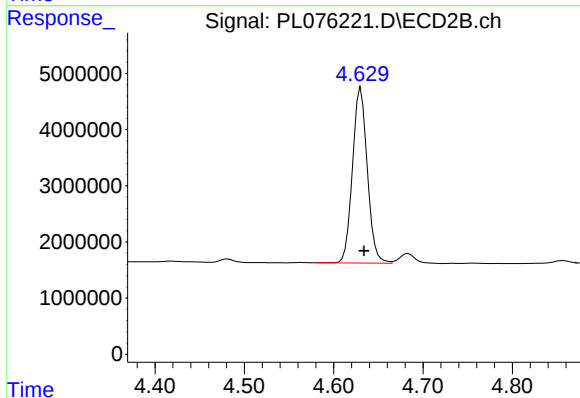




#1 Tetrachloro-m-xylene

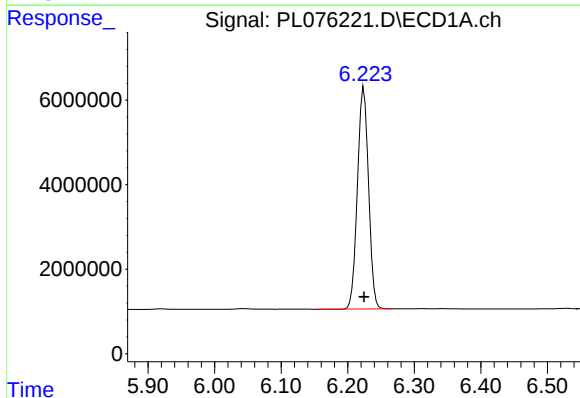
R.T.: 5.640 min  
Delta R.T.: 0.000 min  
Response: 14575662  
Conc: 19.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



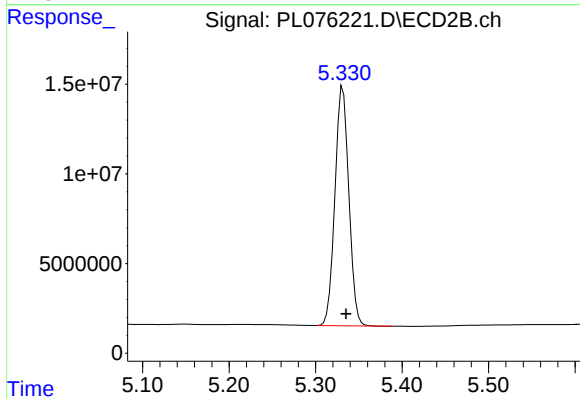
#1 Tetrachloro-m-xylene

R.T.: 4.630 min  
Delta R.T.: -0.003 min  
Response: 35912052  
Conc: 18.93 ng/ml



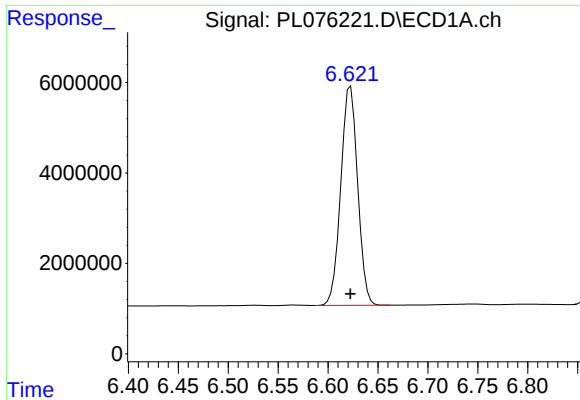
#2 alpha-BHC

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 60804509  
Conc: 61.56 ng/ml



#2 alpha-BHC

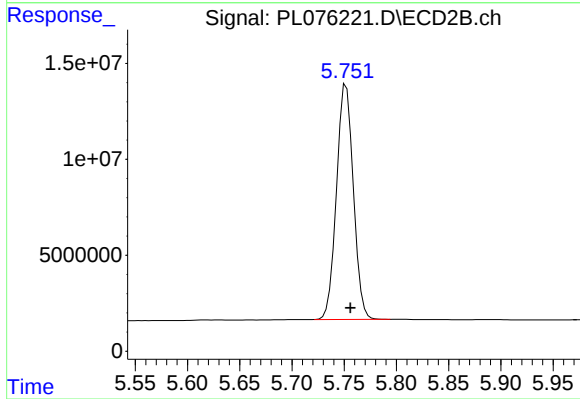
R.T.: 5.332 min  
Delta R.T.: -0.004 min  
Response: 148294187  
Conc: 60.67 ng/ml



#3 gamma-BHC (Lindane)

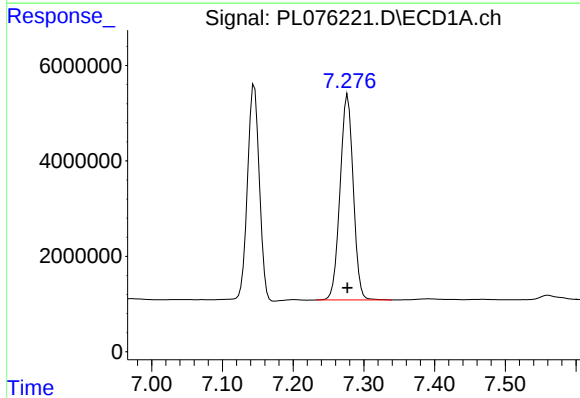
R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 56967107  
Conc: 61.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



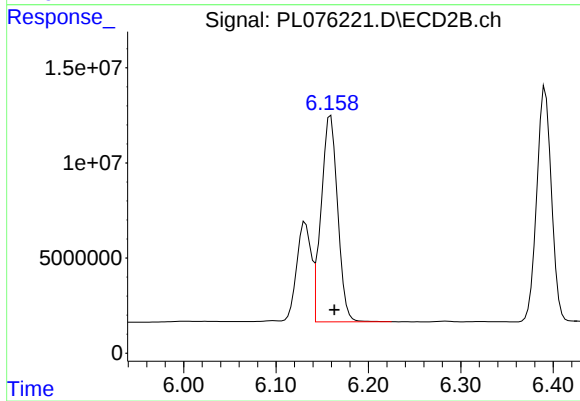
#3 gamma-BHC (Lindane)

R.T.: 5.752 min  
Delta R.T.: -0.004 min  
Response: 137504938  
Conc: 59.48 ng/ml



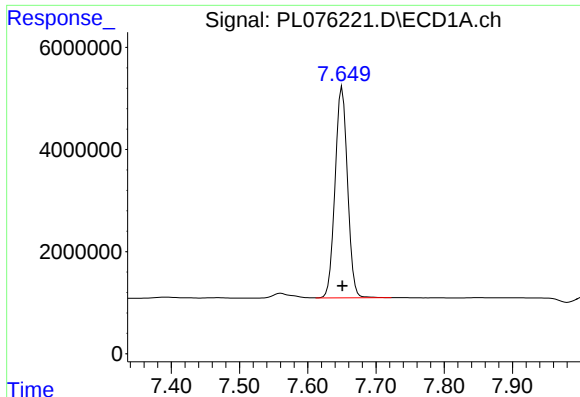
#4 Heptachlor

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 55735275  
Conc: 60.76 ng/ml



#4 Heptachlor

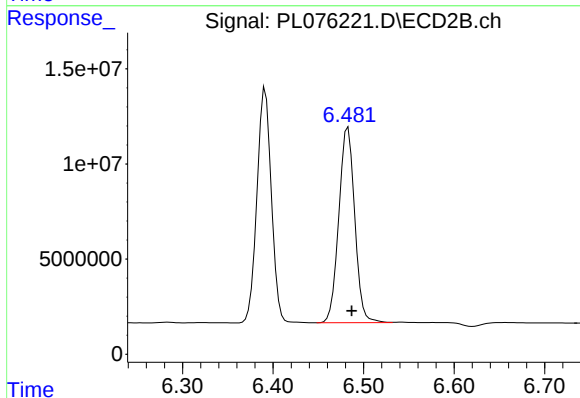
R.T.: 6.159 min  
Delta R.T.: -0.004 min  
Response: 134131203  
Conc: 59.12 ng/ml



#5 Aldrin

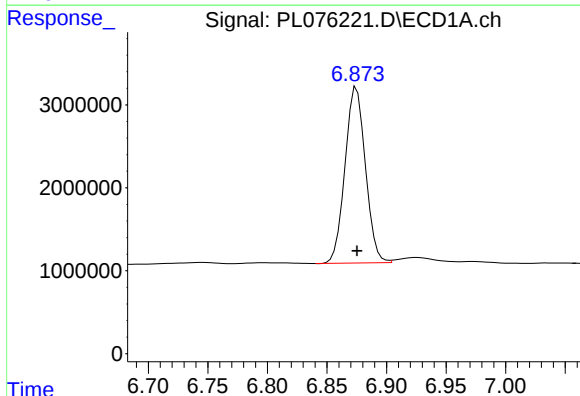
R.T.: 7.650 min  
Delta R.T.: 0.000 min  
Response: 52294519  
Conc: 63.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



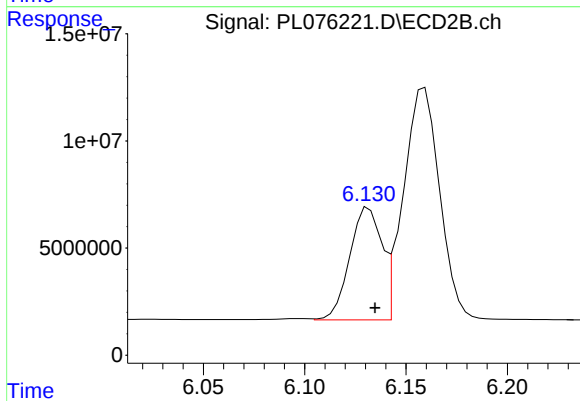
#5 Aldrin

R.T.: 6.483 min  
Delta R.T.: -0.004 min  
Response: 125563968  
Conc: 60.82 ng/ml



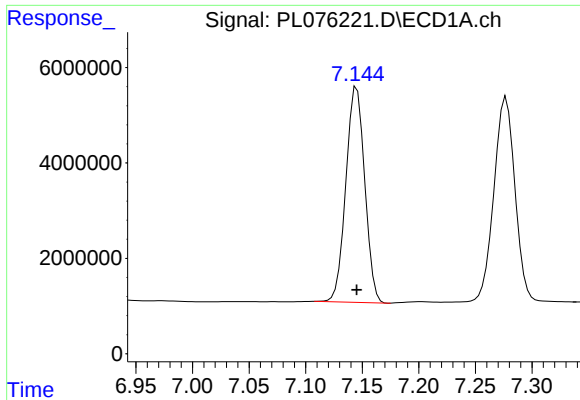
#6 beta-BHC

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 25302626  
Conc: 57.77 ng/ml



#6 beta-BHC

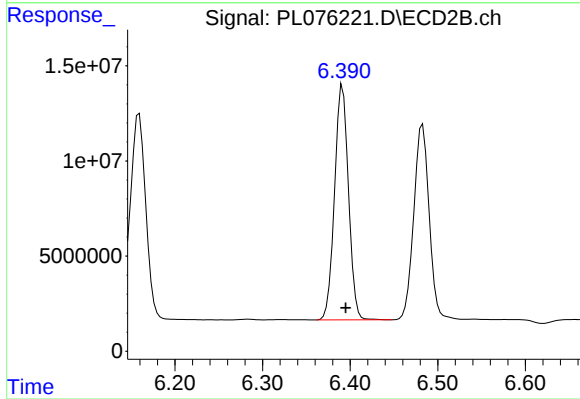
R.T.: 6.132 min  
Delta R.T.: -0.003 min  
Response: 57511483  
Conc: 55.13 ng/ml



#7 delta-BHC

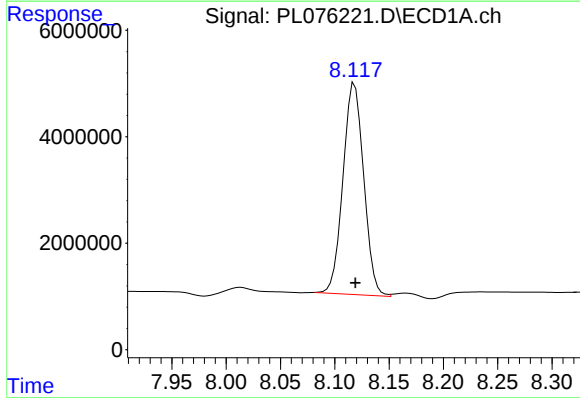
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 52434552  
Conc: 67.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



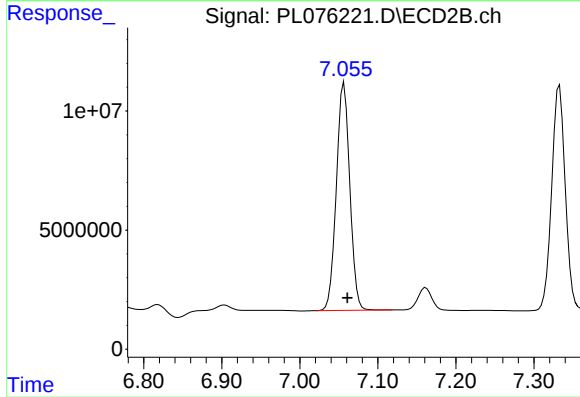
#7 delta-BHC

R.T.: 6.391 min  
Delta R.T.: -0.004 min  
Response: 136396558  
Conc: 60.38 ng/ml



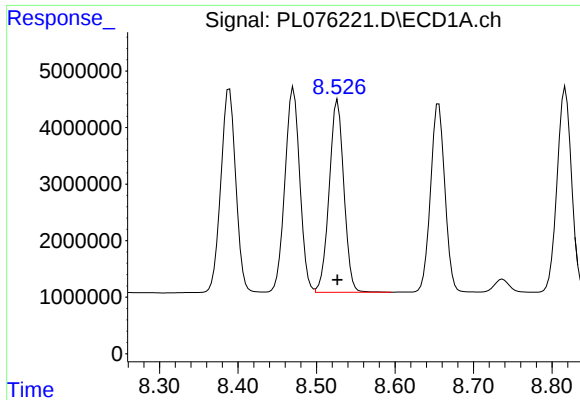
#8 Heptachlor epoxide

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 52836246  
Conc: 66.36 ng/ml



#8 Heptachlor epoxide

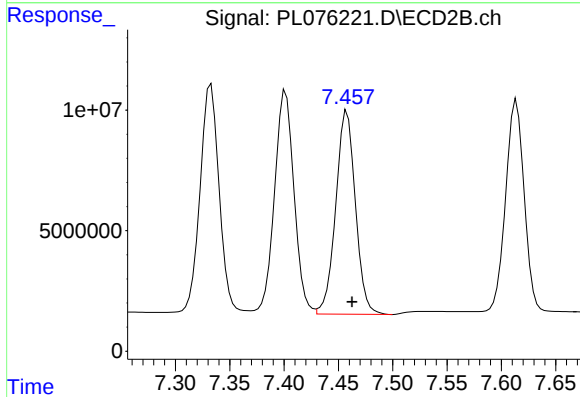
R.T.: 7.057 min  
Delta R.T.: -0.004 min  
Response: 114498219  
Conc: 59.68 ng/ml



#9 Endosulfan I

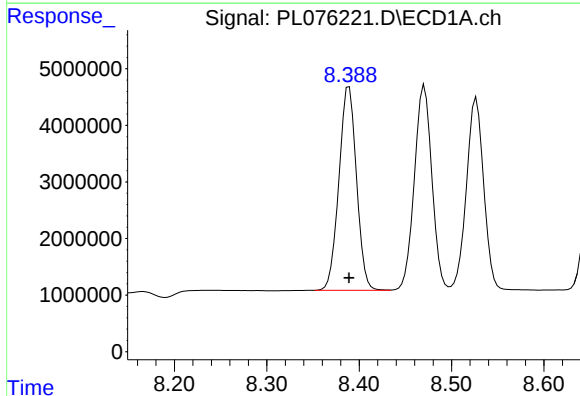
R.T.: 8.527 min  
Delta R.T.: 0.000 min  
Response: 44250910  
Conc: 61.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



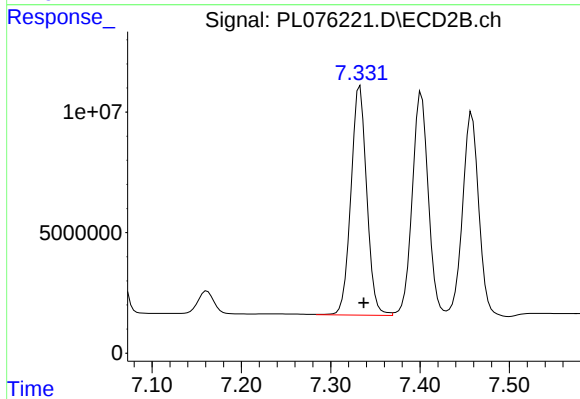
#9 Endosulfan I

R.T.: 7.458 min  
Delta R.T.: -0.004 min  
Response: 106399086  
Conc: 60.60 ng/ml



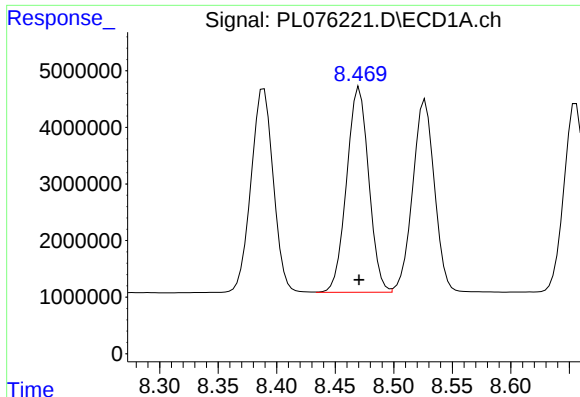
#10 gamma-Chlordane

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 47594304  
Conc: 61.23 ng/ml



#10 gamma-Chlordane

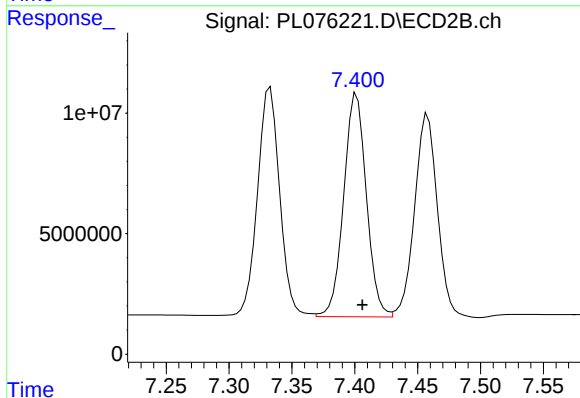
R.T.: 7.333 min  
Delta R.T.: -0.004 min  
Response: 116756277  
Conc: 60.74 ng/ml



#11 alpha-Chlordane

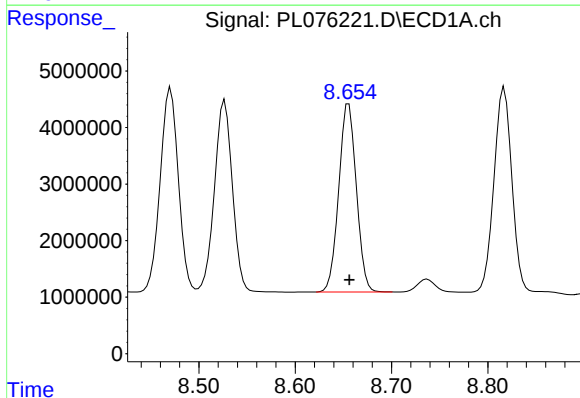
R.T.: 8.471 min  
Delta R.T.: 0.000 min  
Response: 47719125  
Conc: 61.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



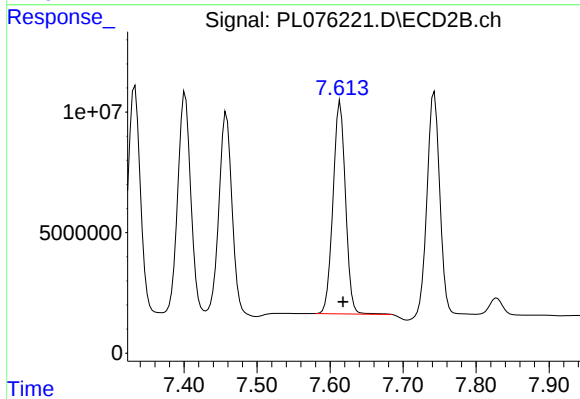
#11 alpha-Chlordane

R.T.: 7.401 min  
Delta R.T.: -0.005 min  
Response: 116241614  
Conc: 60.73 ng/ml



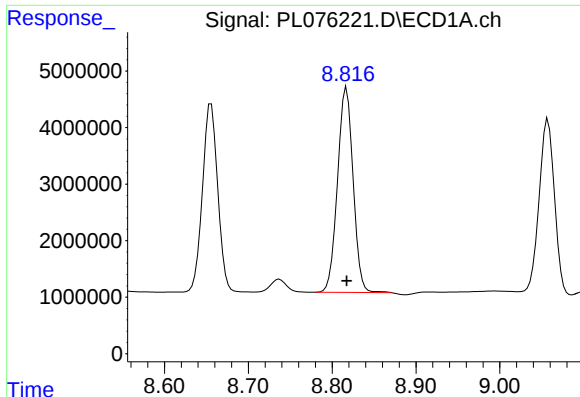
#12 4,4'-DDE

R.T.: 8.656 min  
Delta R.T.: 0.000 min  
Response: 42203558  
Conc: 62.44 ng/ml



#12 4,4'-DDE

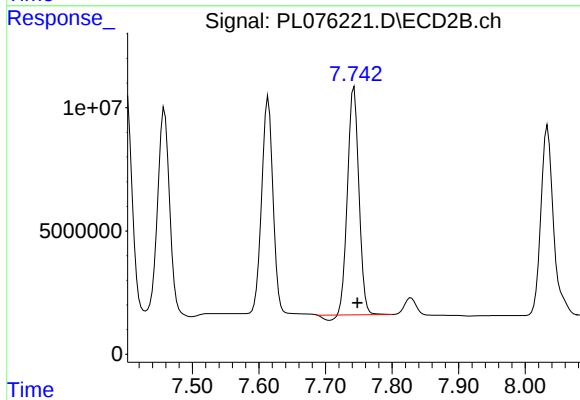
R.T.: 7.614 min  
Delta R.T.: -0.004 min  
Response: 104711794  
Conc: 61.69 ng/ml



#13 Dieldrin

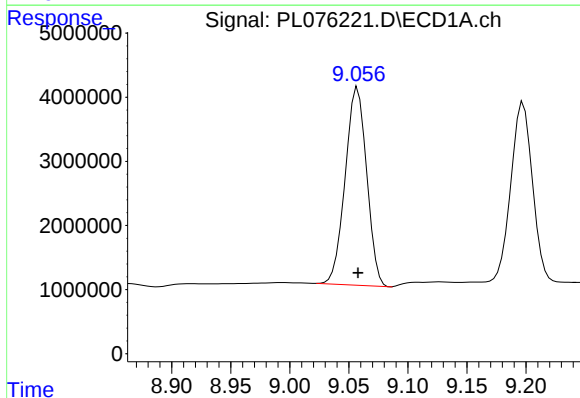
R.T.: 8.817 min  
Delta R.T.: 0.000 min  
Response: 46790827  
Conc: 63.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



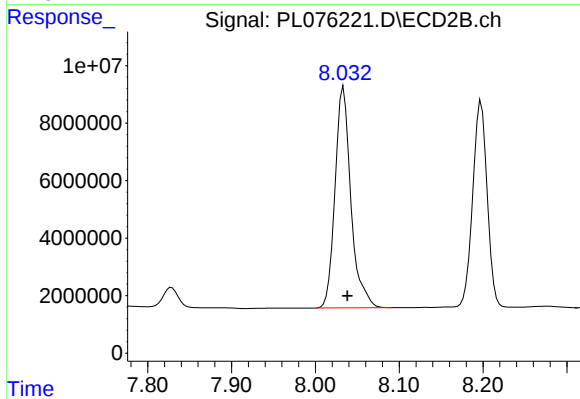
#13 Dieldrin

R.T.: 7.743 min  
Delta R.T.: -0.005 min  
Response: 108858552  
Conc: 60.49 ng/ml



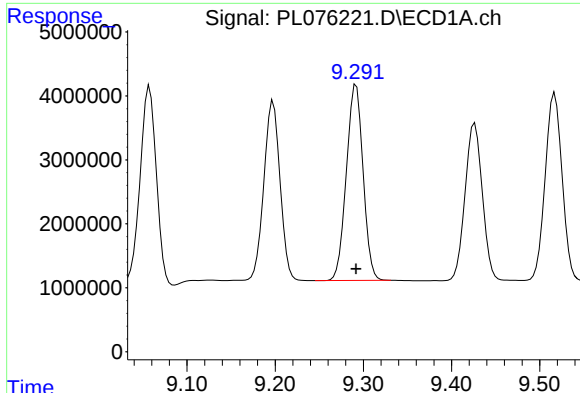
#14 Endrin

R.T.: 9.058 min  
Delta R.T.: 0.000 min  
Response: 39144357  
Conc: 62.78 ng/ml



#14 Endrin

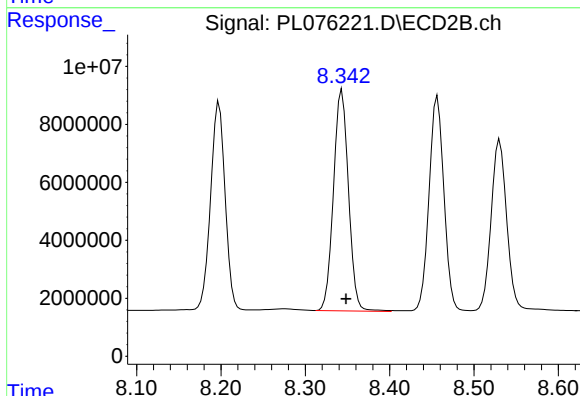
R.T.: 8.034 min  
Delta R.T.: -0.005 min  
Response: 101121510  
Conc: 66.54 ng/ml



#15 Endosulfan II

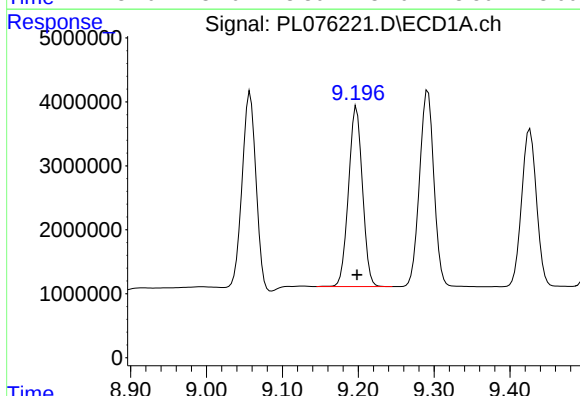
R.T.: 9.292 min  
Delta R.T.: 0.000 min  
Response: 40335790  
Conc: 63.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



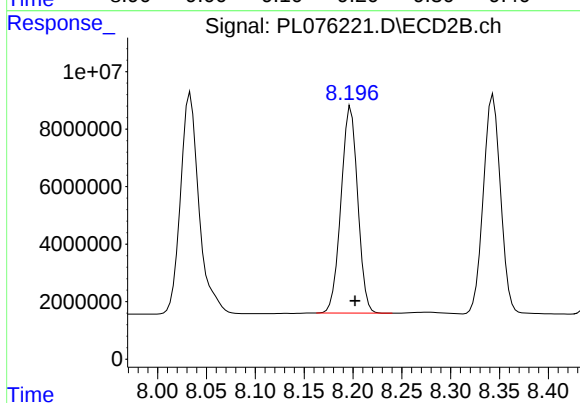
#15 Endosulfan II

R.T.: 8.343 min  
Delta R.T.: -0.005 min  
Response: 94418107  
Conc: 62.47 ng/ml



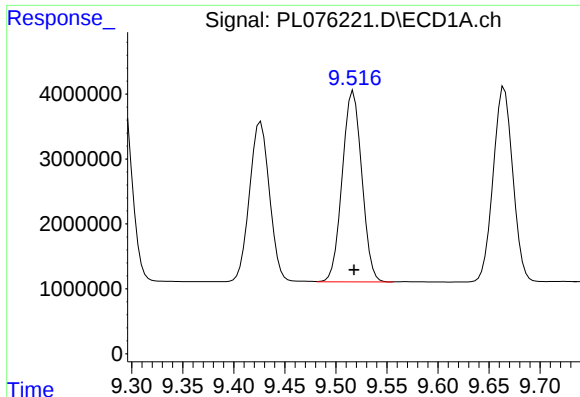
#16 4,4'-DDD

R.T.: 9.198 min  
Delta R.T.: 0.000 min  
Response: 35949309  
Conc: 63.40 ng/ml



#16 4,4'-DDD

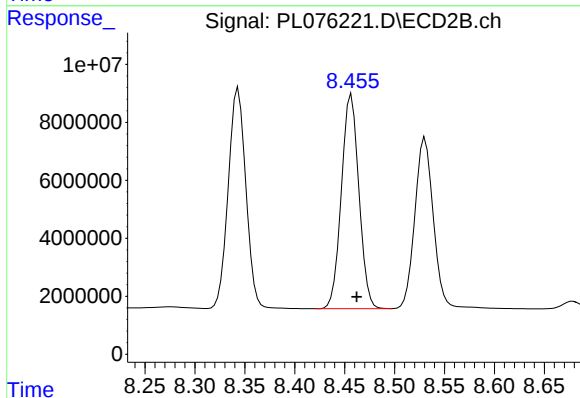
R.T.: 8.198 min  
Delta R.T.: -0.004 min  
Response: 85565654  
Conc: 61.69 ng/ml



#17 4,4'-DDT

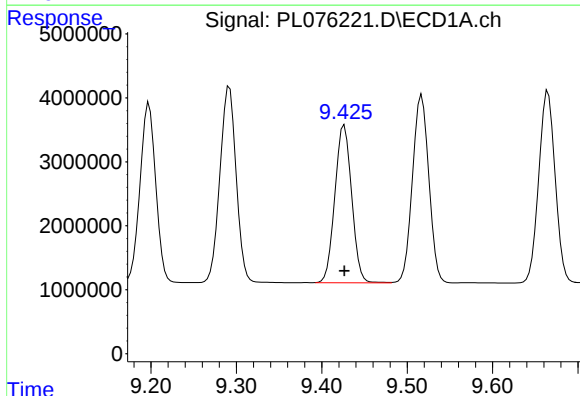
R.T.: 9.517 min  
Delta R.T.: 0.000 min  
Response: 39249306  
Conc: 64.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



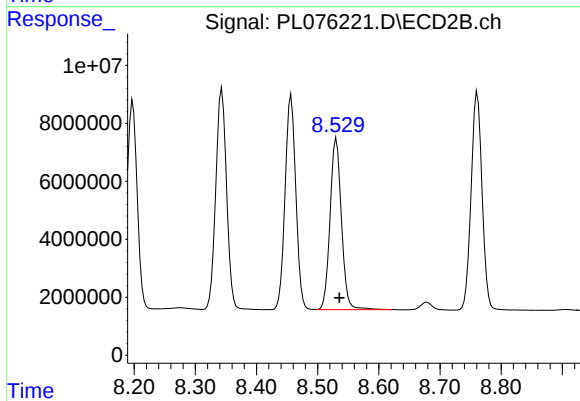
#17 4,4'-DDT

R.T.: 8.457 min  
Delta R.T.: -0.005 min  
Response: 90269702  
Conc: 61.03 ng/ml



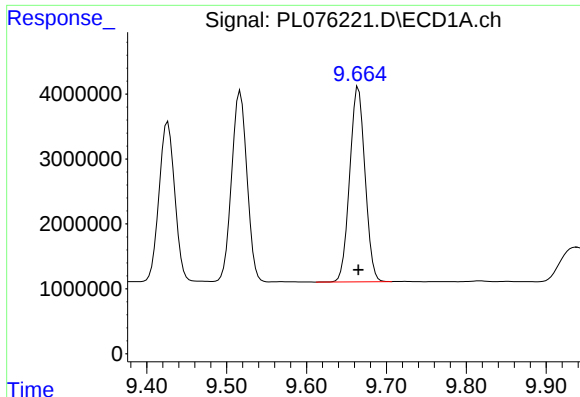
#18 Endrin aldehyde

R.T.: 9.426 min  
Delta R.T.: 0.000 min  
Response: 33665836  
Conc: 65.18 ng/ml



#18 Endrin aldehyde

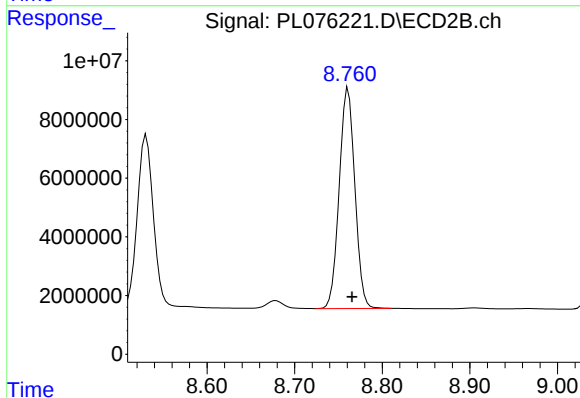
R.T.: 8.531 min  
Delta R.T.: -0.005 min  
Response: 76381686  
Conc: 63.98 ng/ml



#19 Endosulfan Sulfate

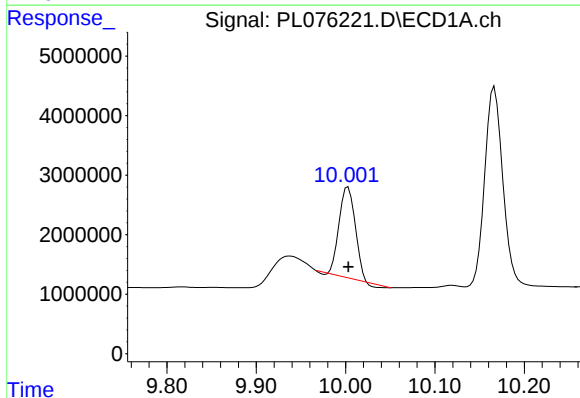
R.T.: 9.665 min  
Delta R.T.: 0.000 min  
Response: 40034673  
Conc: 62.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



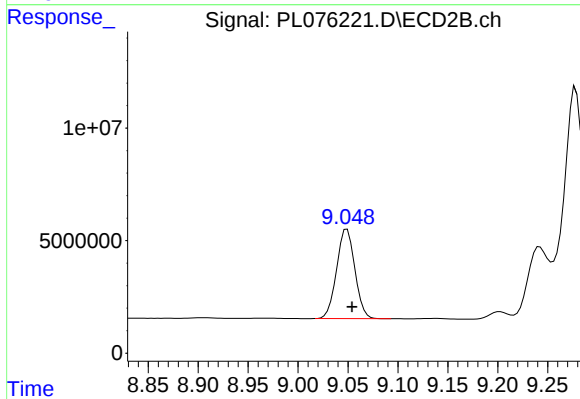
#19 Endosulfan Sulfate

R.T.: 8.761 min  
Delta R.T.: -0.005 min  
Response: 93352672  
Conc: 60.85 ng/ml



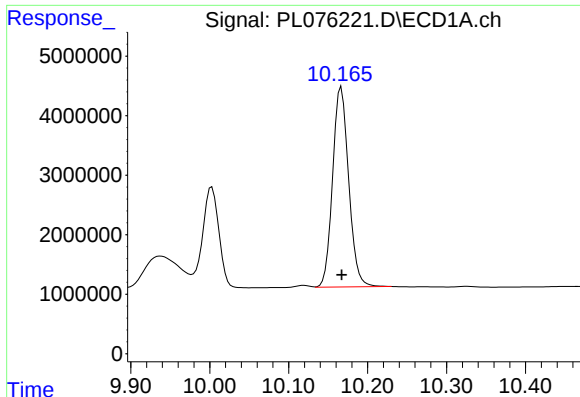
#20 Methoxychlor

R.T.: 10.003 min  
Delta R.T.: 0.000 min  
Response: 18306902  
Conc: 53.37 ng/ml



#20 Methoxychlor

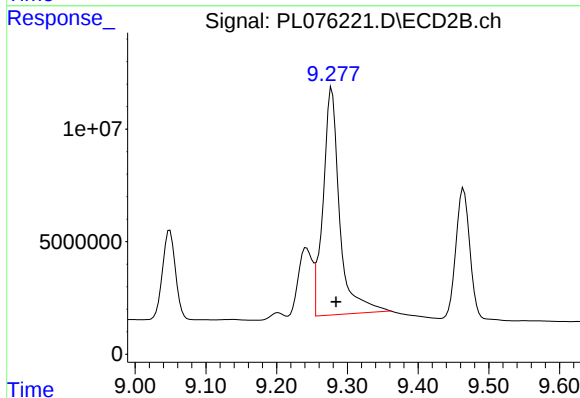
R.T.: 9.049 min  
Delta R.T.: -0.005 min  
Response: 50655915  
Conc: 59.48 ng/ml



#21 Endrin ketone

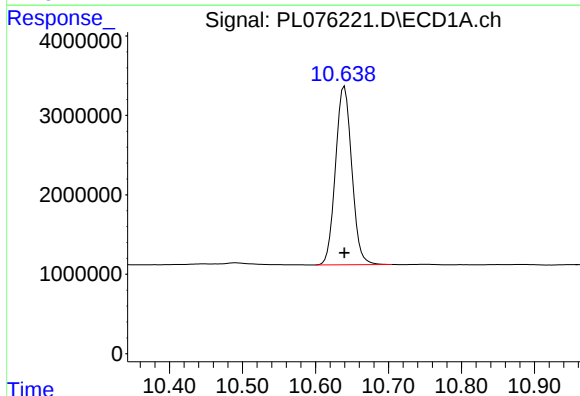
R.T.: 10.167 min  
Delta R.T.: 0.000 min  
Response: 47488687  
Conc: 65.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



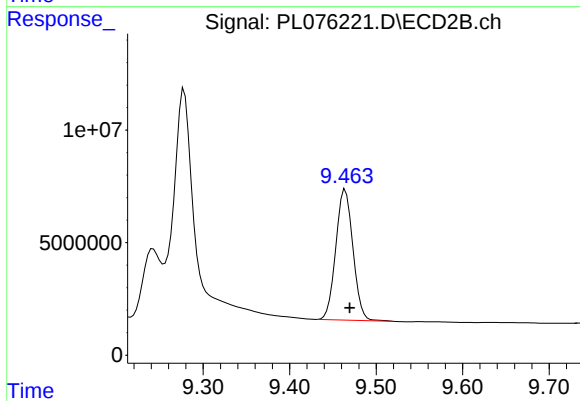
#21 Endrin ketone

R.T.: 9.278 min  
Delta R.T.: -0.006 min  
Response: 165108625  
Conc: 99.94 ng/ml



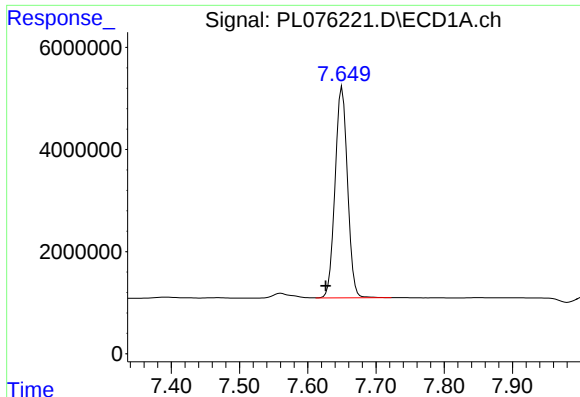
#22 Mirex

R.T.: 10.640 min  
Delta R.T.: 0.000 min  
Response: 34798221  
Conc: 64.70 ng/ml



#22 Mirex

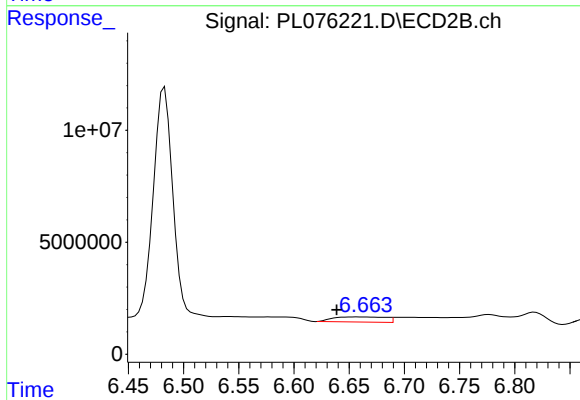
R.T.: 9.464 min  
Delta R.T.: -0.005 min  
Response: 79544439  
Conc: 59.44 ng/ml



#24 Chlordane-2

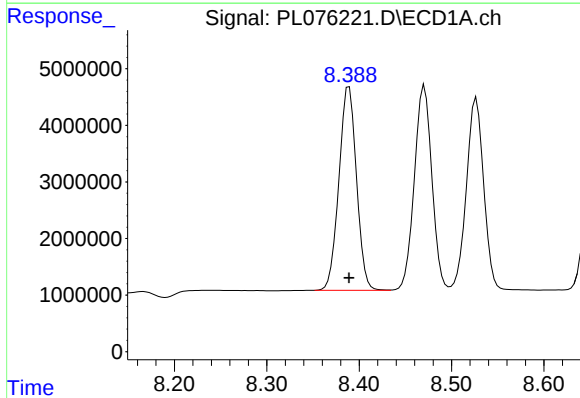
R.T.: 7.650 min  
Delta R.T.: 0.024 min  
Response: 52294519  
Conc: 1723.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



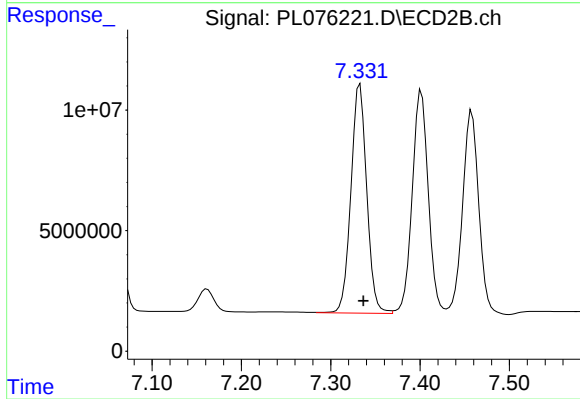
#24 Chlordane-2

R.T.: 6.657 min  
Delta R.T.: 0.019 min  
Response: 7620115  
Conc: 109.59 ng/ml



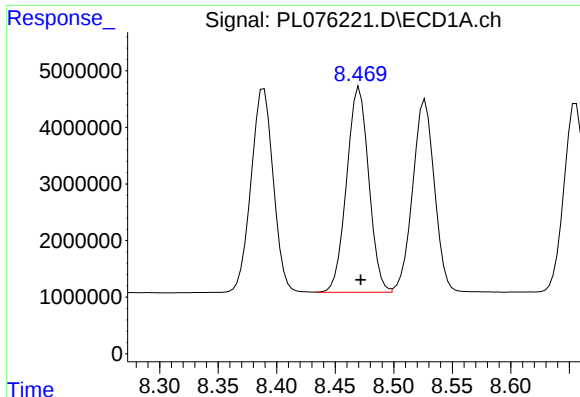
#25 Chlordane-3

R.T.: 8.389 min  
Delta R.T.: 0.000 min  
Response: 47594304  
Conc: 468.03 ng/ml



#25 Chlordane-3

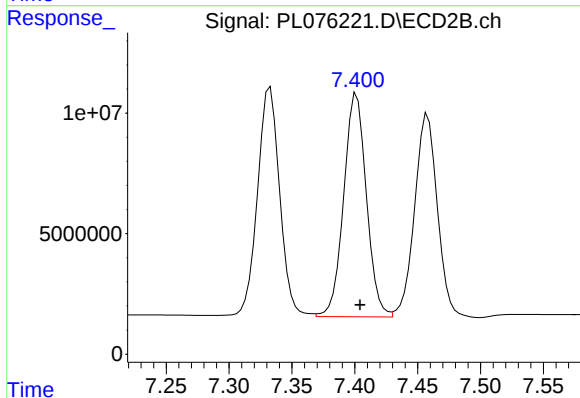
R.T.: 7.333 min  
Delta R.T.: -0.004 min  
Response: 116756277  
Conc: 662.02 ng/ml



#26 Chlordane-4

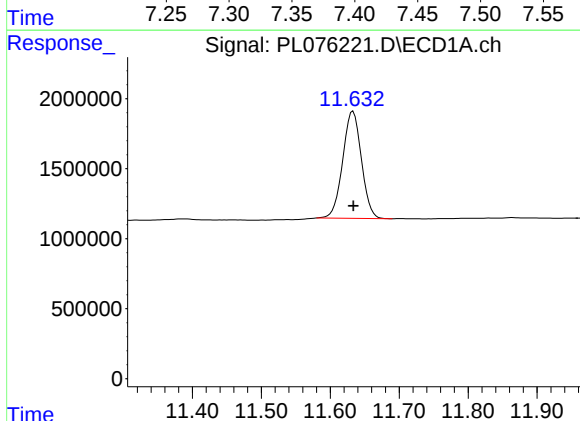
R.T.: 8.471 min  
Delta R.T.: 0.000 min  
Response: 47719125  
Conc: 383.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



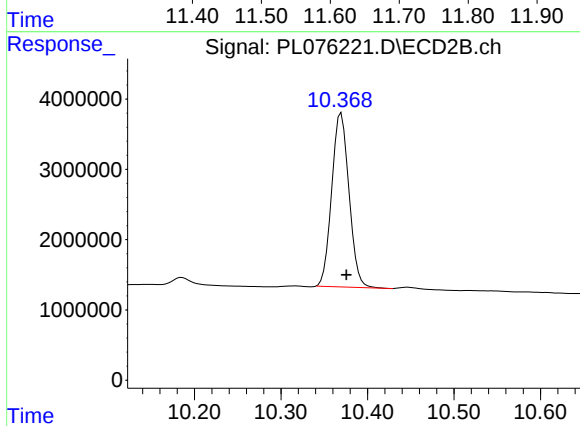
#26 Chlordane-4

R.T.: 7.401 min  
Delta R.T.: -0.003 min  
Response: 116241614  
Conc: 616.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.633 min  
Delta R.T.: 0.000 min  
Response: 14430369  
Conc: 22.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.370 min  
Delta R.T.: -0.006 min  
Response: 34142147  
Conc: 22.23 ng/ml