

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051122\  
 Data File : PL074651.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 May 2022 02:42  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

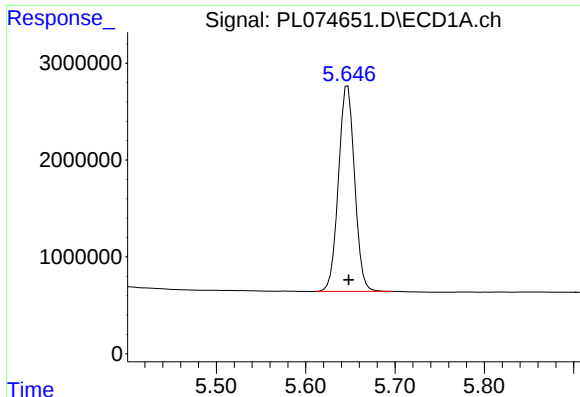
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 05:38:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 14 02:37:15 2022  
 Response via : Initial Calibration  
 Integrator: 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... | 5.647  | 4.653  | 26617054 | 65655683 | 52.423   | 47.836    |
| 28)                         | SA Decachlor... | 11.649 | 10.406 | 24448797 | 53850184 | 54.746   | 52.464    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.231  | 5.356  | 37027309 | 87006358 | 54.122   | 51.700    |
| 3)                          | MA gamma-BHC... | 6.629  | 5.776  | 35092231 | 83318151 | 54.365   | 50.423    |
| 4)                          | MA Heptachlor   | 7.285  | 6.187  | 33337452 | 75079147 | 51.656   | 49.464    |
| 5)                          | MB Aldrin       | 7.659  | 6.511  | 32733352 | 75760821 | 52.840   | 50.492    |
| 6)                          | B beta-BHC      | 6.880  | 6.153  | 16152473 | 38869994 | 54.120   | 48.956    |
| 7)                          | B delta-BHC     | 7.151  | 6.415  | 34082832 | 80591376 | 54.355   | 51.539    |
| 8)                          | B Heptachlo...  | 8.127  | 7.085  | 30899304 | 70459731 | 54.329   | 50.626    |
| 9)                          | A Endosulfan I  | 8.535  | 7.487  | 30671251 | 64623854 | 53.203   | 51.652    |
| 10)                         | B gamma-Chl...  | 8.397  | 7.361  | 29127971 | 70516360 | 56.313   | 50.884    |
| 11)                         | B alpha-Chl...  | 8.479  | 7.431  | 32681894 | 69656483 | 53.533   | 51.528    |
| 12)                         | B 4,4'-DDE      | 8.664  | 7.643  | 25590012 | 61081577 | 55.278   | 51.909    |
| 13)                         | MA Dieldrin     | 8.826  | 7.773  | 28447199 | 66218568 | 54.123   | 51.981    |
| 14)                         | MA Endrin       | 9.066  | 8.063  | 21971174 | 53709360 | 53.242   | 50.846    |
| 15)                         | B Endosulfa...  | 9.300  | 8.372  | 23968867 | 56085911 | 54.523   | 49.651    |
| 16)                         | A 4,4'-DDD      | 9.206  | 8.227  | 24670126 | 54472326 | 54.565   | 55.294    |
| 17)                         | MA 4,4'-DDT     | 9.526  | 8.488  | 21827639 | 45865862 | 47.489   | 45.842    |
| 18)                         | B Endrin al...  | 9.435  | 8.561  | 18897030 | 40283732 | 53.394   | 50.438    |
| 19)                         | B Endosulfa...  | 9.673  | 8.791  | 24476908 | 56203816 | 54.156   | 51.632    |
| 20)                         | A Methoxychlor  | 10.011 | 9.082  | 12103617 | 28036693 | 49.420   | 47.976    |
| 21)                         | B Endrin ke...  | 10.176 | 9.309  | 28149115 | 60182654 | 54.889   | 53.981    |
| 22)                         | Mirex           | 10.650 | 9.498  | 22075885 | 50296578 | 54.710   | 51.927    |
| 24)                         | Chlordane-2     | 7.659f | 0.000  | 32733352 | 0        | 1476.867 | N.D. #    |
| 25)                         | Chlordane-3     | 8.397  | 7.361  | 29127971 | 70516360 | 425.479  | 543.311 # |
| 26)                         | Chlordane-4     | 8.479  | 7.431  | 32681894 | 69656483 | 339.235  | 508.117 # |
| -----                       |                 |        |        |          |          |          |           |

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

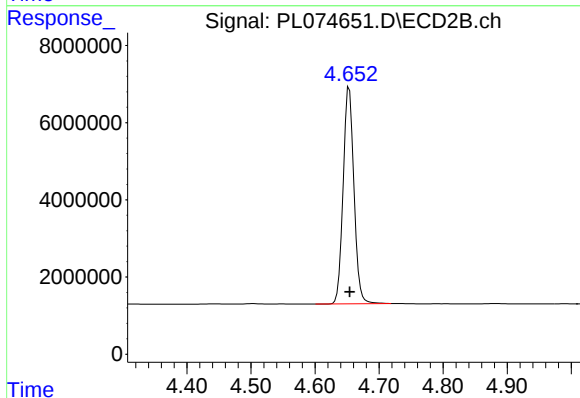




#1 Tetrachloro-m-xylene

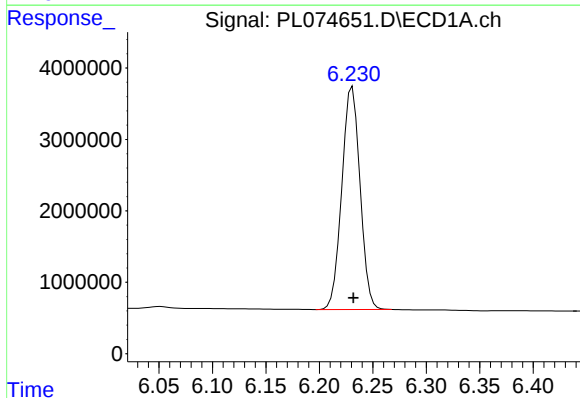
R.T.: 5.647 min  
Delta R.T.: 0.000 min  
Response: 26617054  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



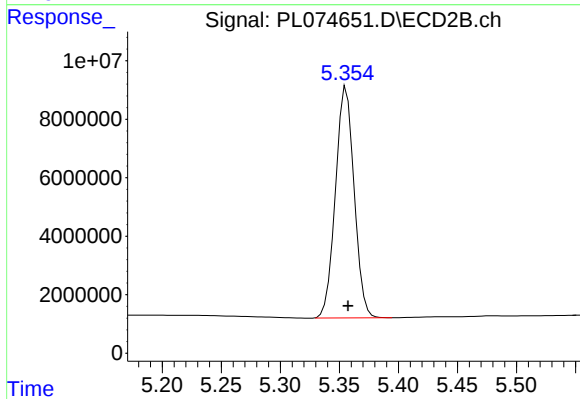
#1 Tetrachloro-m-xylene

R.T.: 4.653 min  
Delta R.T.: 0.000 min  
Response: 65655683  
Conc: 47.84 ng/ml



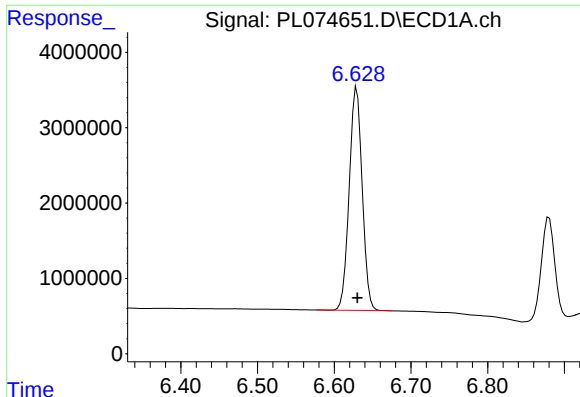
#2 alpha-BHC

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 37027309  
Conc: 54.12 ng/ml



#2 alpha-BHC

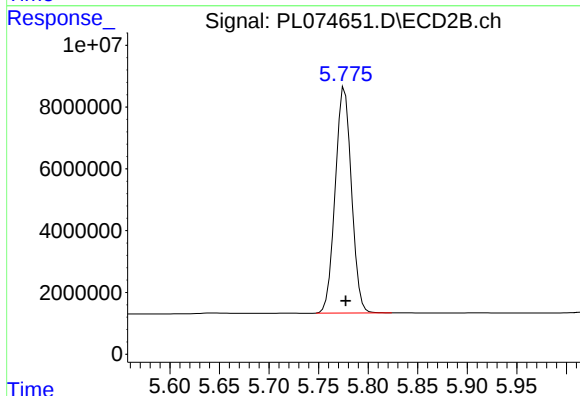
R.T.: 5.356 min  
Delta R.T.: -0.001 min  
Response: 87006358  
Conc: 51.70 ng/ml



#3 gamma-BHC (Lindane)

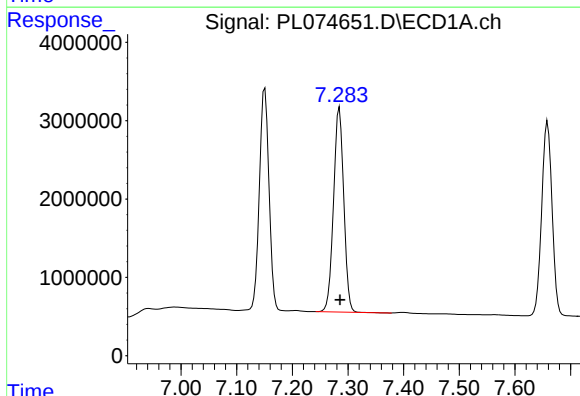
R.T.: 6.629 min  
Delta R.T.: -0.001 min  
Response: 35092231  
Conc: 54.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



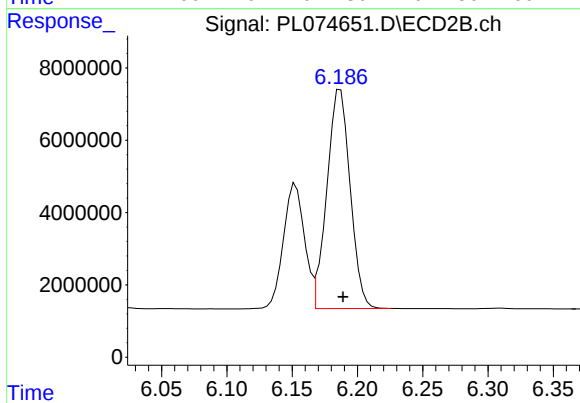
#3 gamma-BHC (Lindane)

R.T.: 5.776 min  
Delta R.T.: -0.001 min  
Response: 83318151  
Conc: 50.42 ng/ml



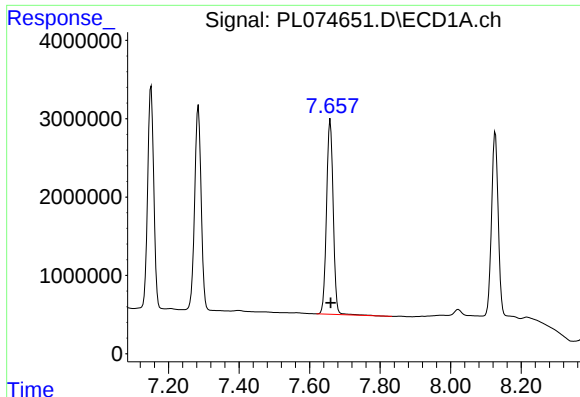
#4 Heptachlor

R.T.: 7.285 min  
Delta R.T.: -0.001 min  
Response: 33337452  
Conc: 51.66 ng/ml



#4 Heptachlor

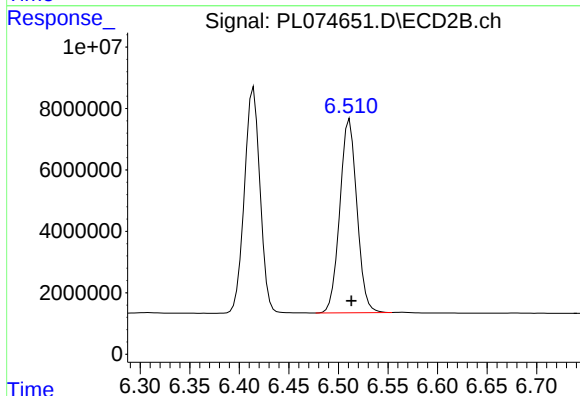
R.T.: 6.187 min  
Delta R.T.: -0.002 min  
Response: 75079147  
Conc: 49.46 ng/ml



#5 Aldrin

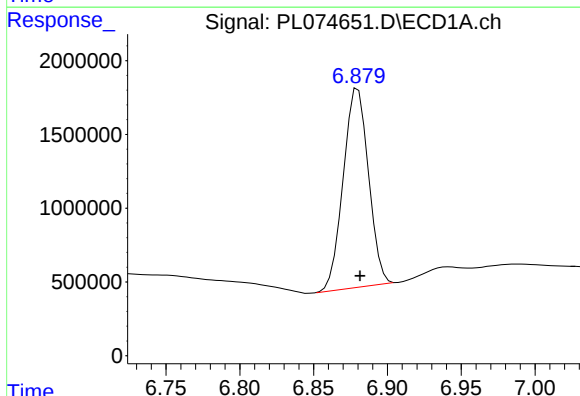
R.T.: 7.659 min  
Delta R.T.: -0.001 min  
Response: 32733352  
Conc: 52.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



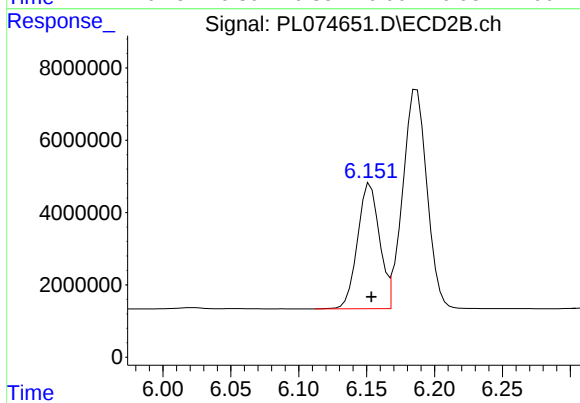
#5 Aldrin

R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 75760821  
Conc: 50.49 ng/ml



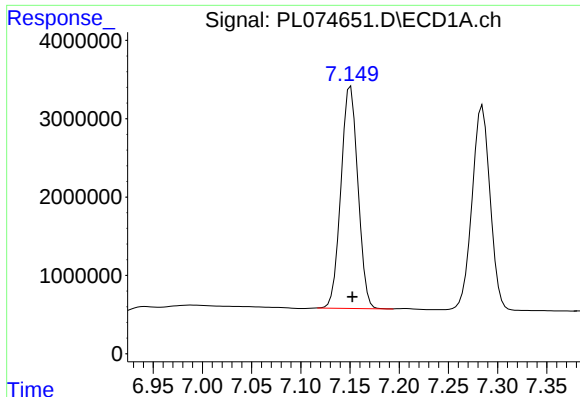
#6 beta-BHC

R.T.: 6.880 min  
Delta R.T.: -0.001 min  
Response: 16152473  
Conc: 54.12 ng/ml



#6 beta-BHC

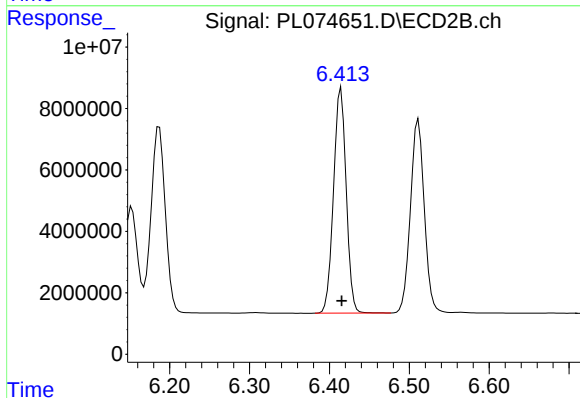
R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 38869994  
Conc: 48.96 ng/ml



#7 delta-BHC

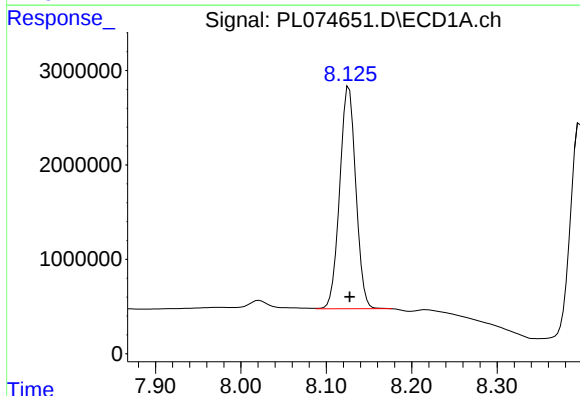
R.T.: 7.151 min  
Delta R.T.: -0.002 min  
Response: 34082832  
Conc: 54.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



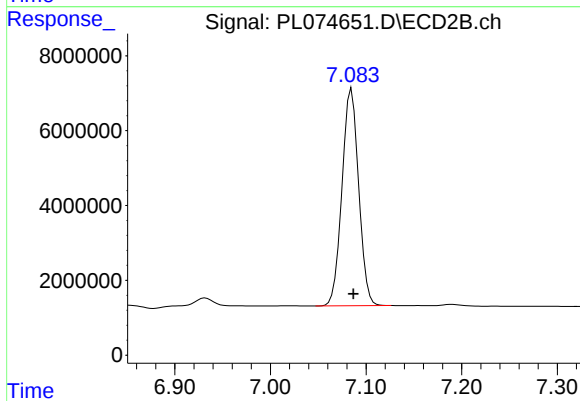
#7 delta-BHC

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 80591376  
Conc: 51.54 ng/ml



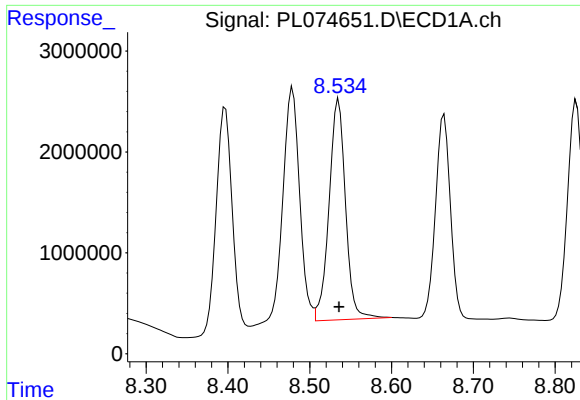
#8 Heptachlor epoxide

R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 30899304  
Conc: 54.33 ng/ml



#8 Heptachlor epoxide

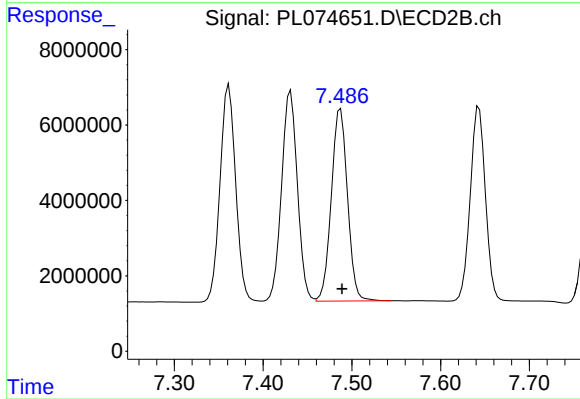
R.T.: 7.085 min  
Delta R.T.: -0.002 min  
Response: 70459731  
Conc: 50.63 ng/ml



#9 Endosulfan I

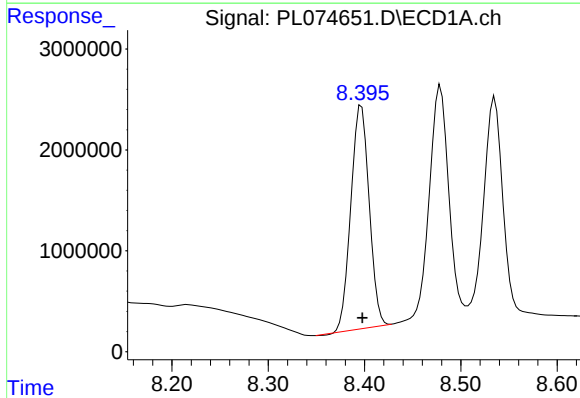
R.T.: 8.535 min  
Delta R.T.: 0.000 min  
Response: 30671251  
Conc: 53.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



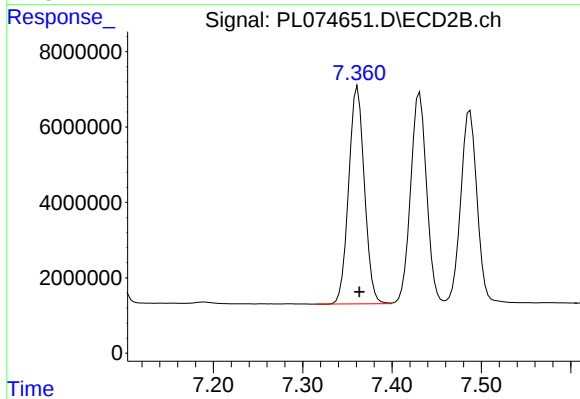
#9 Endosulfan I

R.T.: 7.487 min  
Delta R.T.: -0.002 min  
Response: 64623854  
Conc: 51.65 ng/ml



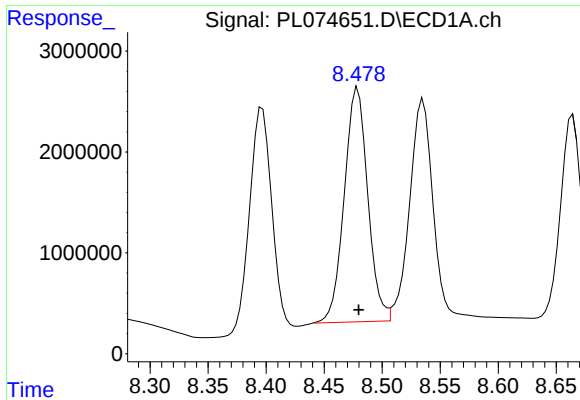
#10 gamma-Chlordane

R.T.: 8.397 min  
Delta R.T.: -0.001 min  
Response: 29127971  
Conc: 56.31 ng/ml



#10 gamma-Chlordane

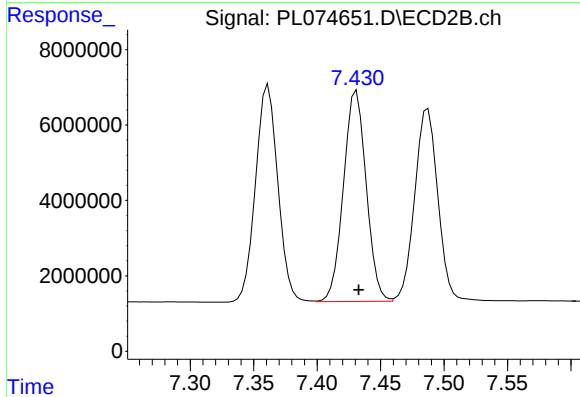
R.T.: 7.361 min  
Delta R.T.: -0.002 min  
Response: 70516360  
Conc: 50.88 ng/ml



#11 alpha-Chlordane

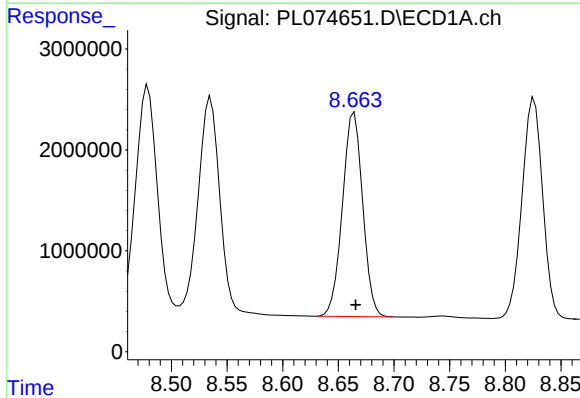
R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 32681894  
Conc: 53.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



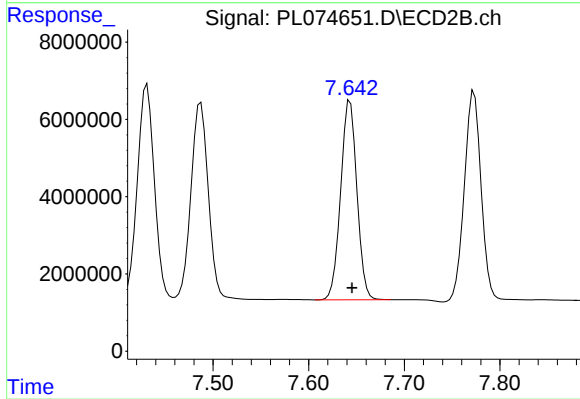
#11 alpha-Chlordane

R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 69656483  
Conc: 51.53 ng/ml



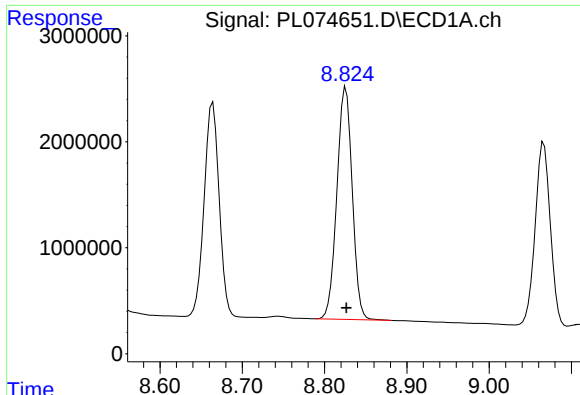
#12 4,4'-DDE

R.T.: 8.664 min  
Delta R.T.: -0.001 min  
Response: 25590012  
Conc: 55.28 ng/ml



#12 4,4'-DDE

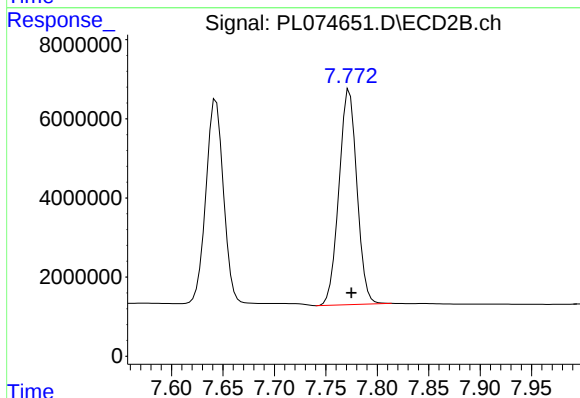
R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 61081577  
Conc: 51.91 ng/ml



#13 Dieldrin

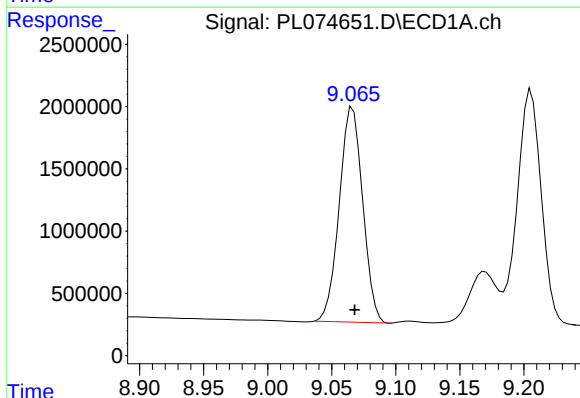
R.T.: 8.826 min  
Delta R.T.: 0.000 min  
Response: 28447199  
Conc: 54.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



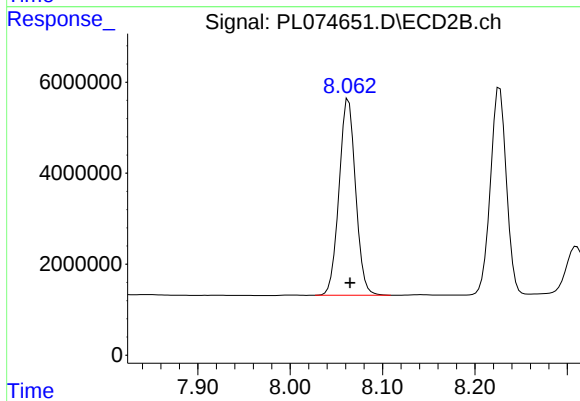
#13 Dieldrin

R.T.: 7.773 min  
Delta R.T.: -0.002 min  
Response: 66218568  
Conc: 51.98 ng/ml



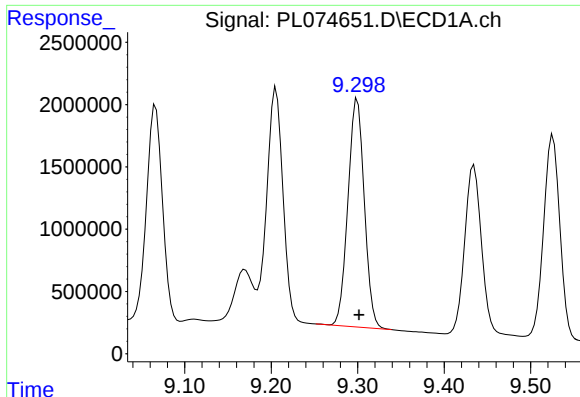
#14 Endrin

R.T.: 9.066 min  
Delta R.T.: -0.002 min  
Response: 21971174  
Conc: 53.24 ng/ml



#14 Endrin

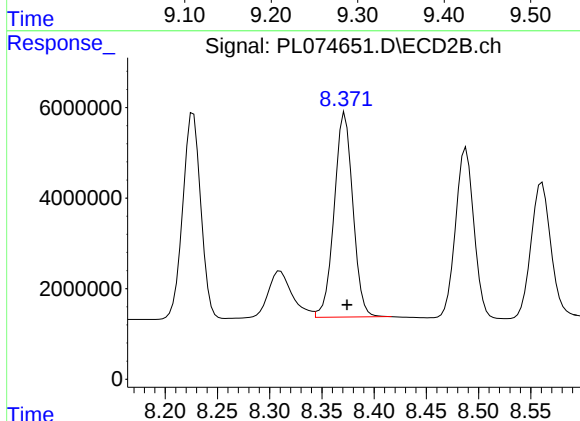
R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 53709360  
Conc: 50.85 ng/ml



#15 Endosulfan II

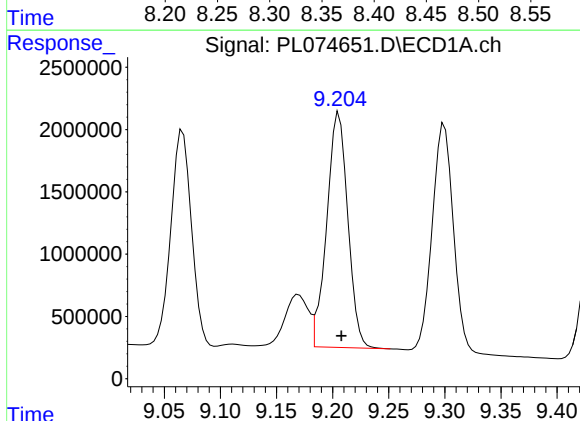
R.T.: 9.300 min  
Delta R.T.: -0.002 min  
Response: 23968867  
Conc: 54.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



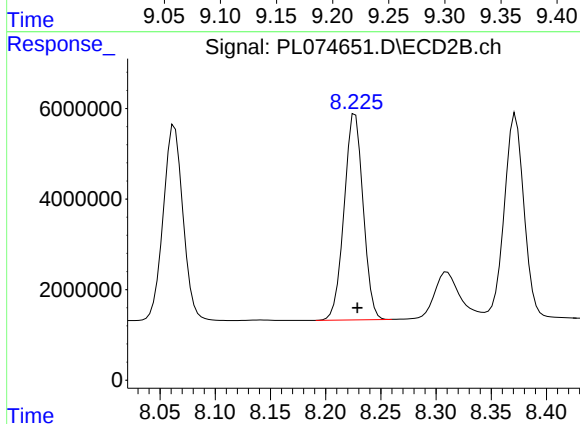
#15 Endosulfan II

R.T.: 8.372 min  
Delta R.T.: -0.002 min  
Response: 56085911  
Conc: 49.65 ng/ml



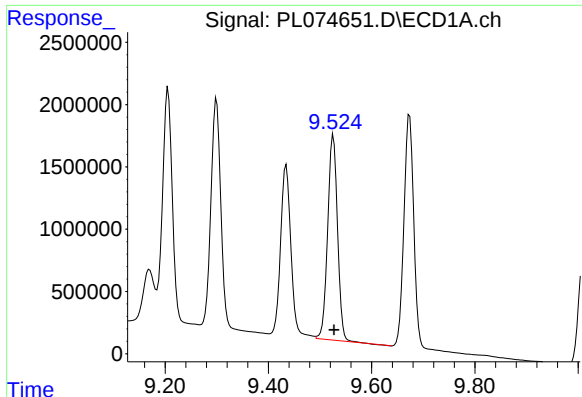
#16 4,4'-DDD

R.T.: 9.206 min  
Delta R.T.: -0.002 min  
Response: 24670126  
Conc: 54.56 ng/ml



#16 4,4'-DDD

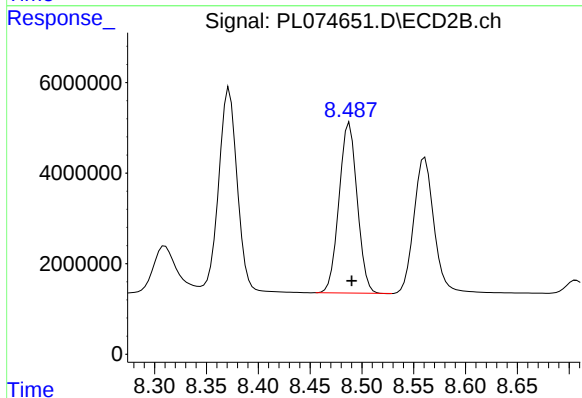
R.T.: 8.227 min  
Delta R.T.: -0.002 min  
Response: 54472326  
Conc: 55.29 ng/ml



#17 4,4'-DDT

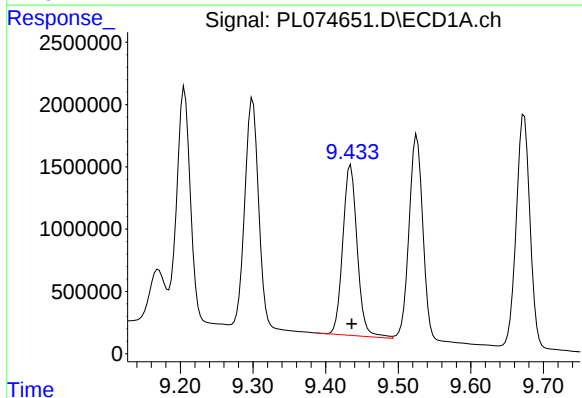
R.T.: 9.526 min  
Delta R.T.: -0.002 min  
Response: 21827639  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



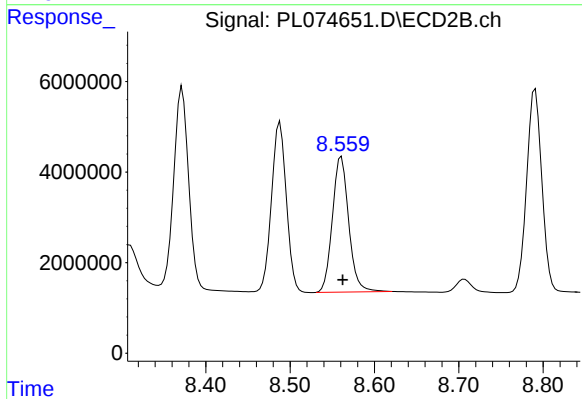
#17 4,4'-DDT

R.T.: 8.488 min  
Delta R.T.: -0.002 min  
Response: 45865862  
Conc: 45.84 ng/ml



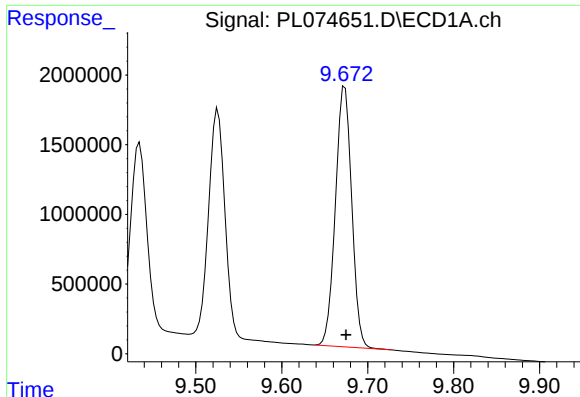
#18 Endrin aldehyde

R.T.: 9.435 min  
Delta R.T.: -0.002 min  
Response: 18897030  
Conc: 53.39 ng/ml



#18 Endrin aldehyde

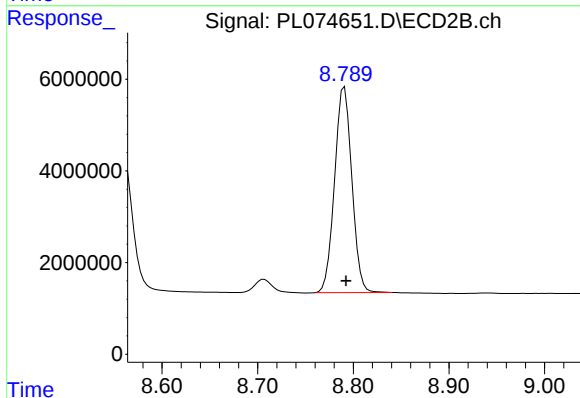
R.T.: 8.561 min  
Delta R.T.: -0.002 min  
Response: 40283732  
Conc: 50.44 ng/ml



#19 Endosulfan Sulfate

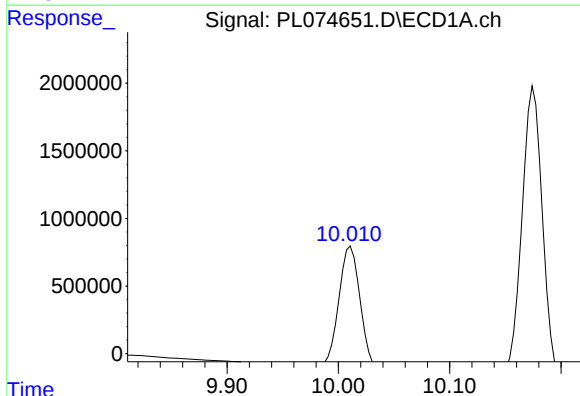
R.T.: 9.673 min  
Delta R.T.: -0.002 min  
Response: 24476908  
Conc: 54.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



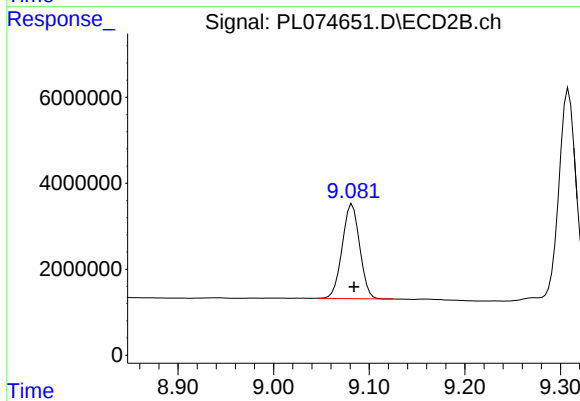
#19 Endosulfan Sulfate

R.T.: 8.791 min  
Delta R.T.: -0.002 min  
Response: 56203816  
Conc: 51.63 ng/ml



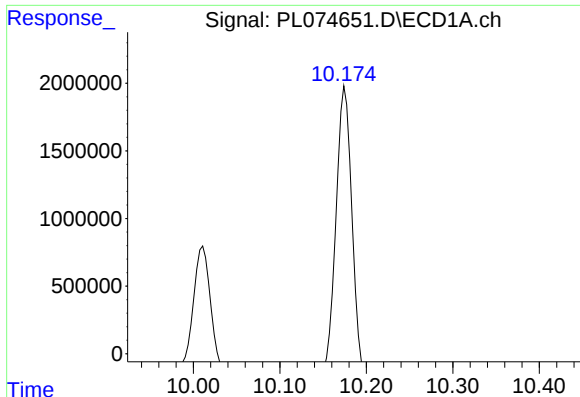
#20 Methoxychlor

R.T.: 10.011 min  
Delta R.T.: -0.002 min  
Response: 12103617  
Conc: 49.42 ng/ml



#20 Methoxychlor

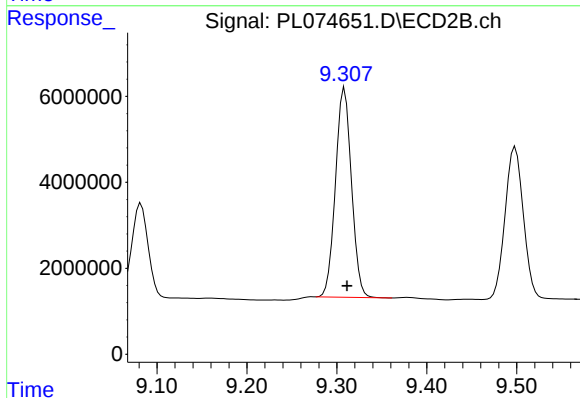
R.T.: 9.082 min  
Delta R.T.: -0.002 min  
Response: 28036693  
Conc: 47.98 ng/ml



#21 Endrin ketone

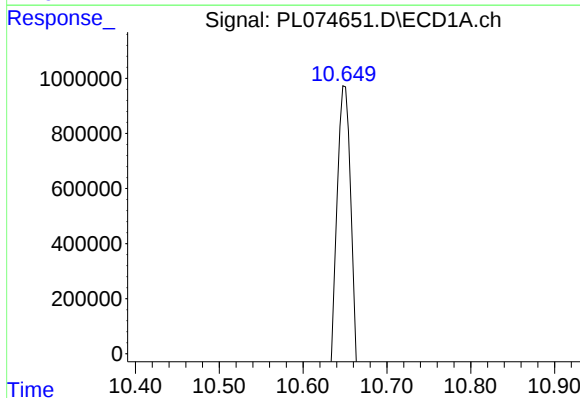
R.T.: 10.176 min  
Delta R.T.: -0.002 min  
Response: 28149115  
Conc: 54.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



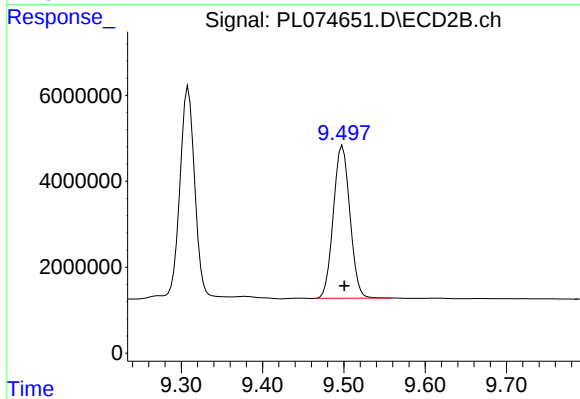
#21 Endrin ketone

R.T.: 9.309 min  
Delta R.T.: -0.003 min  
Response: 60182654  
Conc: 53.98 ng/ml



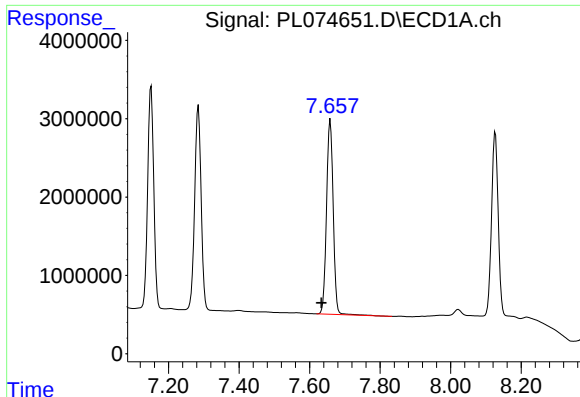
#22 Mirex

R.T.: 10.650 min  
Delta R.T.: -0.001 min  
Response: 22075885  
Conc: 54.71 ng/ml



#22 Mirex

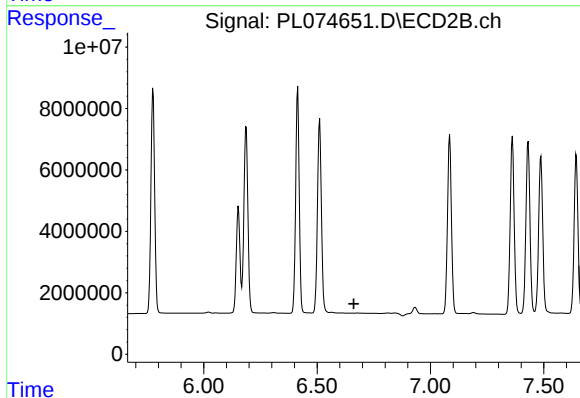
R.T.: 9.498 min  
Delta R.T.: -0.002 min  
Response: 50296578  
Conc: 51.93 ng/ml



#24 Chlordane-2

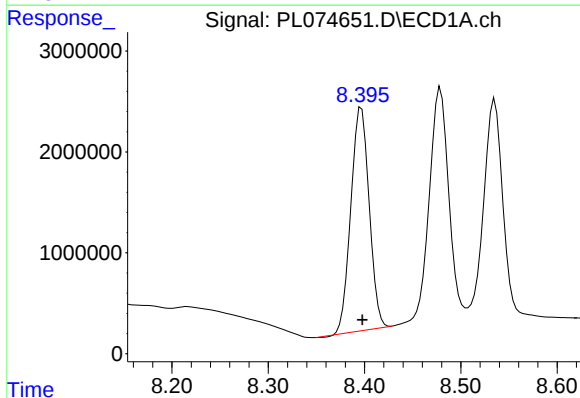
R.T.: 7.659 min  
Delta R.T.: 0.025 min  
Response: 32733352  
Conc: 1476.87 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



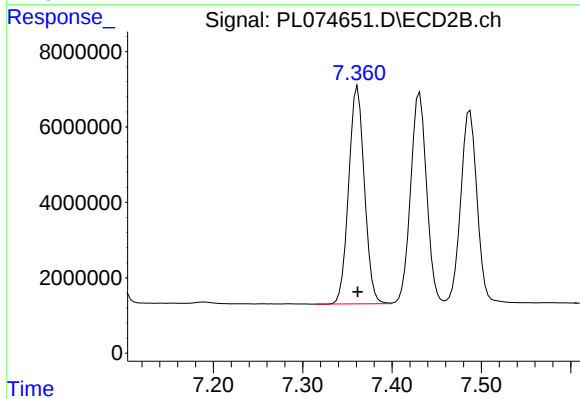
#24 Chlordane-2

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



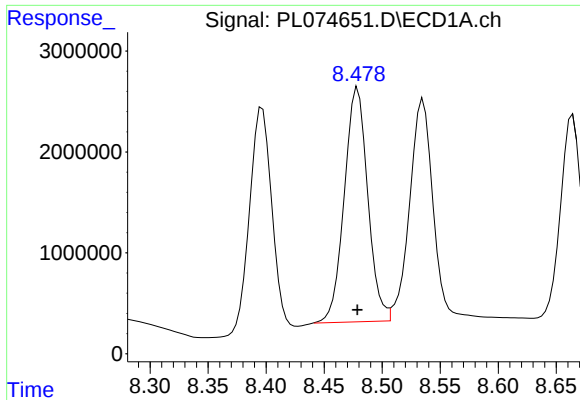
#25 Chlordane-3

R.T.: 8.397 min  
Delta R.T.: 0.000 min  
Response: 29127971  
Conc: 425.48 ng/ml



#25 Chlordane-3

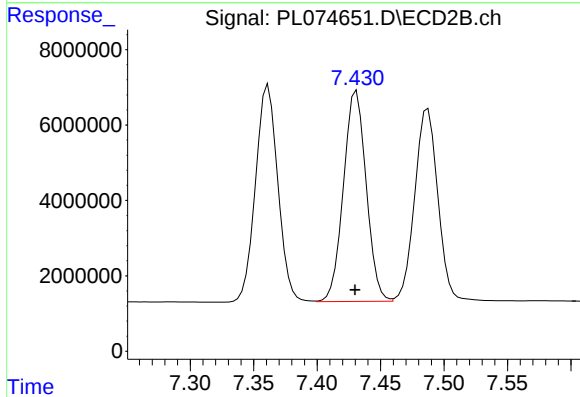
R.T.: 7.361 min  
Delta R.T.: 0.000 min  
Response: 70516360  
Conc: 543.31 ng/ml



#26 Chlordane-4

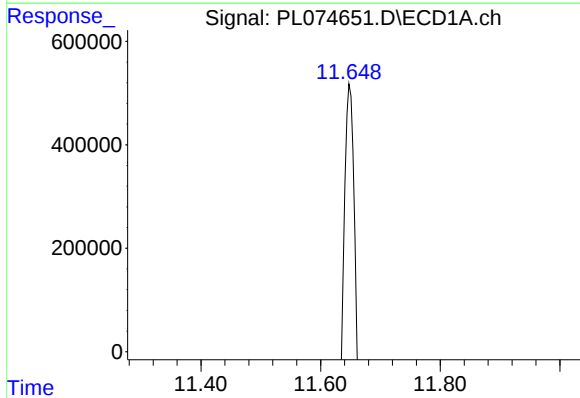
R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 32681894  
Conc: 339.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



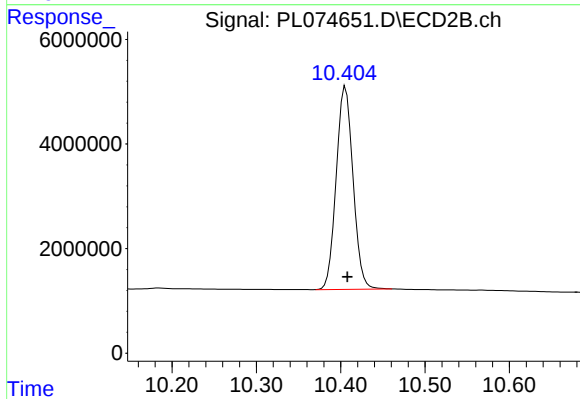
#26 Chlordane-4

R.T.: 7.431 min  
Delta R.T.: 0.001 min  
Response: 69656483  
Conc: 508.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.649 min  
Delta R.T.: -0.002 min  
Response: 24448797  
Conc: 54.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.406 min  
Delta R.T.: -0.002 min  
Response: 53850184  
Conc: 52.46 ng/ml