

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021522\  
 Data File : PL072699.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Feb 2022 13:11  
 Operator : AR\AJ  
 Sample : N1470-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 01:48:19 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.554  | 5.489  | 10316048 | 36043330 | 21.424   | 20.866     |
| 28)                         | SA Decachlor... | 10.311 | 11.377 | 17454404 | 36319836 | 23.056   | 22.903     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.260  | 6.071  | 40616370 | 145.2E6  | 61.601   | 60.615     |
| 3)                          | MA gamma-BHC... | 5.683  | 6.467  | 39507530 | 136.6E6  | 62.862   | 59.330     |
| 4)                          | MA Heptachlor   | 6.088  | 7.112  | 57350276 | 136.0E6  | 78.570   | 59.738     |
| 5)                          | MB Aldrin       | 6.412  | 7.481  | 39746663 | 128.6E6  | 61.560   | 60.139     |
| 6)                          | B beta-BHC      | 6.088f | 6.727  | 57350276 | 59153485 | 231.448  | 58.026 #   |
| 7)                          | B delta-BHC     | 6.326  | 6.992  | 40909424 | 129.1E6  | 61.785   | 56.332     |
| 8)                          | B Heptachlo...  | 6.989  | 7.949  | 39460103 | 117.4E6  | 62.590   | 60.841     |
| 9)                          | A Endosulfan I  | 7.391  | 8.353  | 37400727 | 107.3E6  | 63.927   | 61.323     |
| 10)                         | B gamma-Chl...  | 7.266  | 8.219  | 39675991 | 117.8E6  | 62.633   | 60.901     |
| 11)                         | B alpha-Chl...  | 7.335  | 8.299  | 40401686 | 116.7E6  | 63.447   | 61.402     |
| 12)                         | B 4,4'-DDE      | 7.550  | 8.490  | 40034424 | 113.9E6  | 65.878   | 60.945     |
| 13)                         | MA Dieldrin     | 7.677  | 8.643  | 41180291 | 116.1E6  | 65.210   | 62.275     |
| 14)                         | MA Endrin       | 7.968  | 8.882  | 36829191 | 100.5E6  | 62.869   | 63.767     |
| 15)                         | B Endosulfa...  | 8.280  | 9.118  | 38933271 | 100.3E6  | 63.993   | 59.636     |
| 16)                         | A 4,4'-DDD      | 8.136  | 9.029  | 32149429 | 83873775 | 66.826   | 60.612     |
| 17)                         | MA 4,4'-DDT     | 8.396  | 9.346  | 36139250 | 94479882 | 67.163   | 61.717     |
| 18)                         | B Endrin al...  | 8.469  | 9.253  | 32185719 | 80069174 | 73.840   | 71.143     |
| 19)                         | B Endosulfa...  | 8.700  | 9.490  | 38246101 | 92176017 | 64.268   | 61.616     |
| 20)                         | A Methoxychlor  | 8.991  | 9.834  | 22807852 | 50391983 | 64.864   | 62.239     |
| 21)                         | B Endrin ke...  | 9.217  | 9.987  | 43791148 | 97244696 | 63.717   | 61.034     |
| 22)                         | Mirex           | 9.398  | 10.449 | 41093877 | 81312058 | 69.269   | 69.267     |
| 23)                         | Chlordane-1     | 5.878  | 6.871  | 123955   | 383284   | 6.679    | 5.343      |
| 24)                         | Chlordane-2     | 6.568  | 7.481  | 163894   | 128.6E6  | 6.482    | 1669.441 # |
| 25)                         | Chlordane-3     | 7.266  | 8.219  | 39675991 | 117.8E6  | 588.656  | 394.186 #  |
| 26)                         | Chlordane-4     | 7.335  | 8.299  | 40401686 | 116.7E6  | 550.613  | 326.970 #  |
| 27)                         | Chlordane-5     | 8.280  | 9.188  | 38933271 | 232232   | 1517.544 | 3.799 #    |
| -----                       |                 |        |        |          |          |          |            |

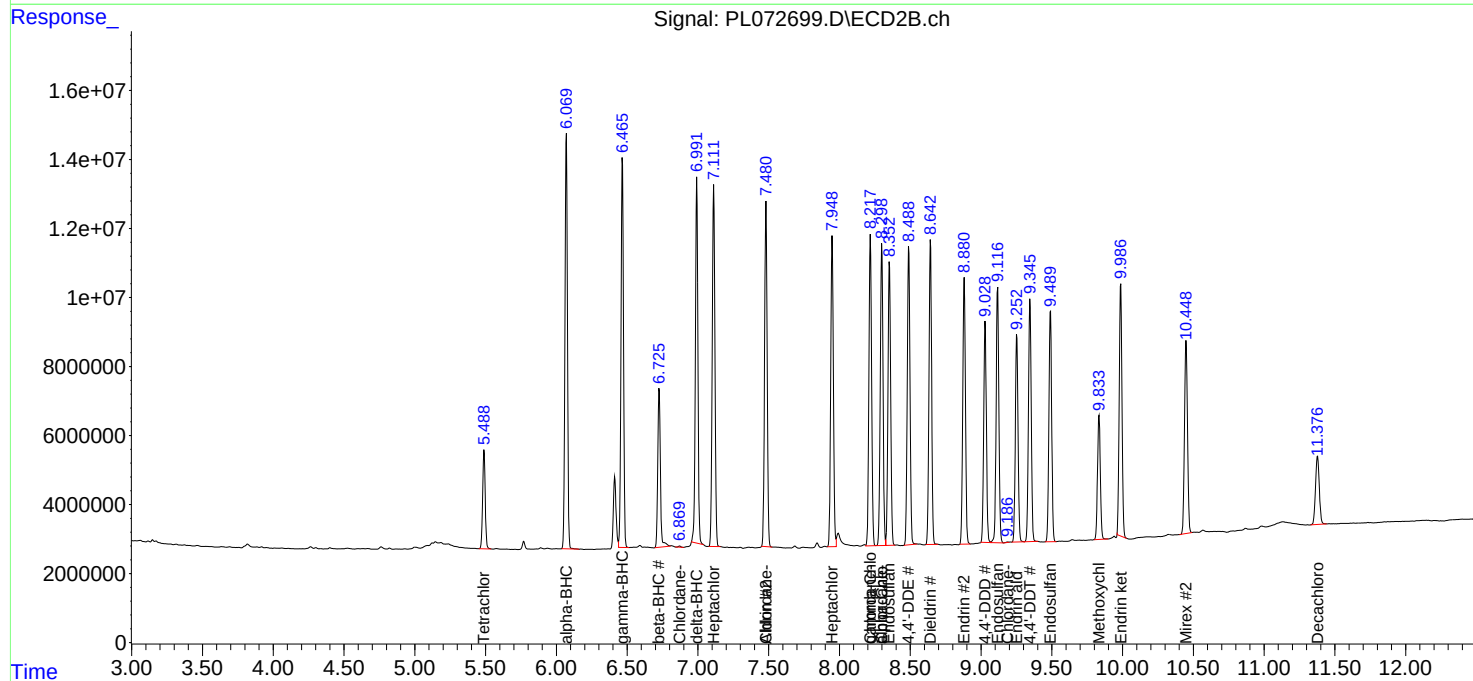
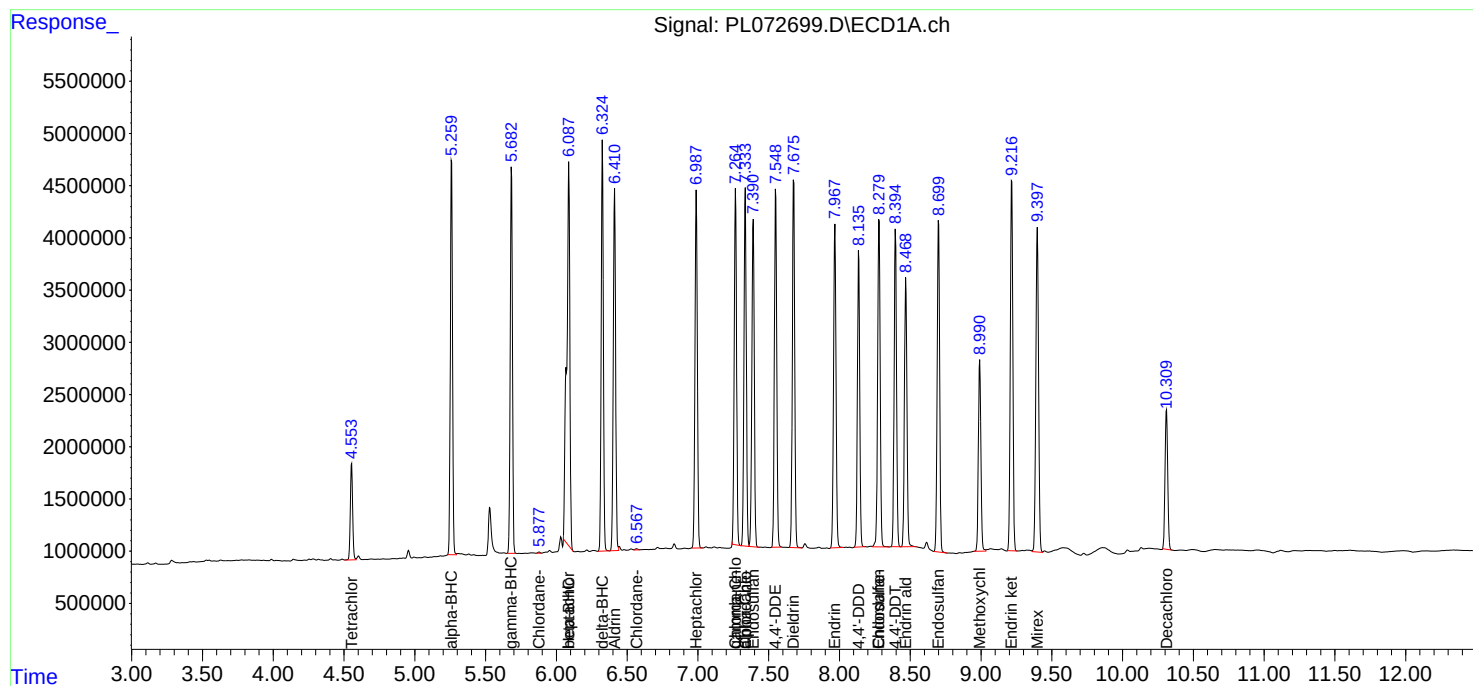
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

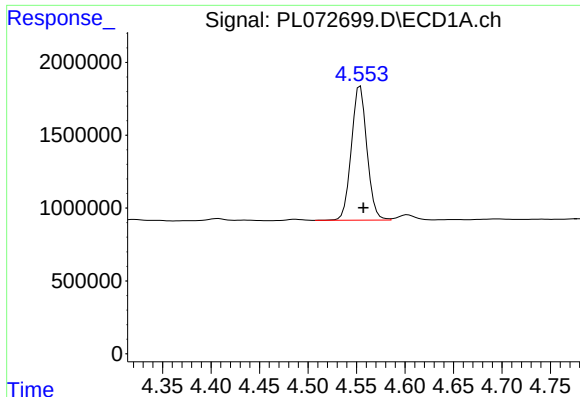
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021522\  
Data File : PL072699.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Feb 2022 13:11  
Operator : AR\AJ  
Sample : N1470-01MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 16 01:48:19 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 08 05:14:10 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

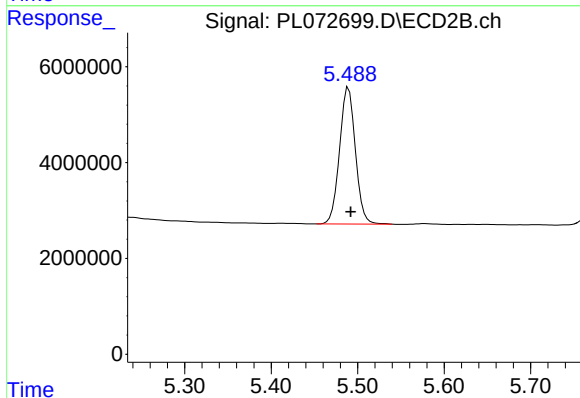




#1 Tetrachloro-m-xylene

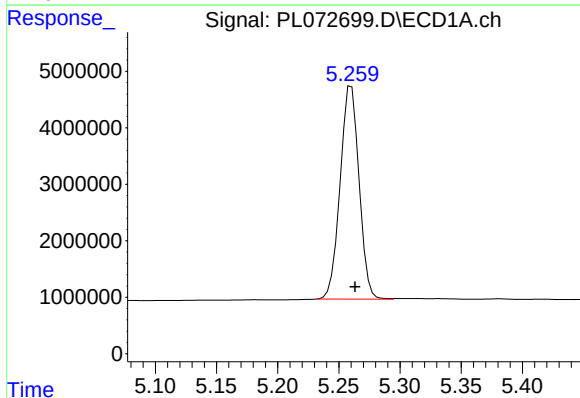
R.T.: 4.554 min  
Delta R.T.: -0.003 min  
Response: 10316048  
Conc: 21.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



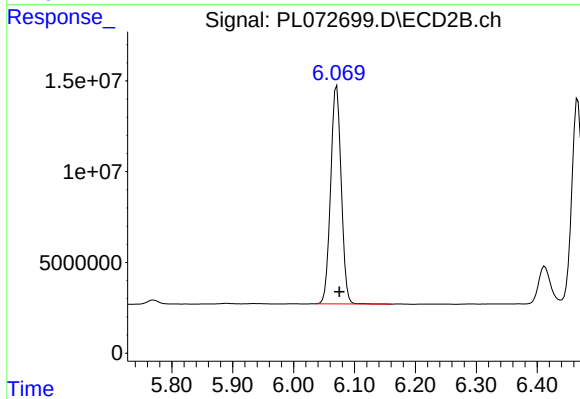
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 36043330  
Conc: 20.87 ng/ml



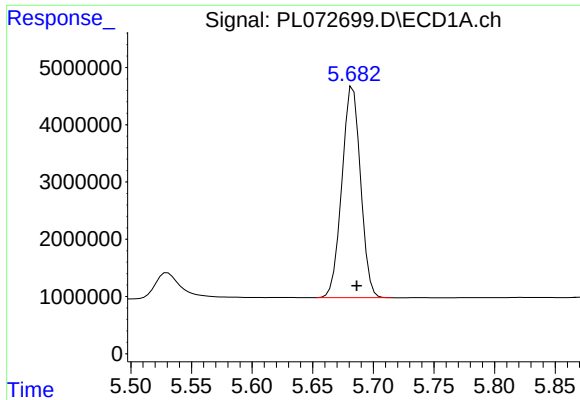
#2 alpha-BHC

R.T.: 5.260 min  
Delta R.T.: -0.003 min  
Response: 40616370  
Conc: 61.60 ng/ml



#2 alpha-BHC

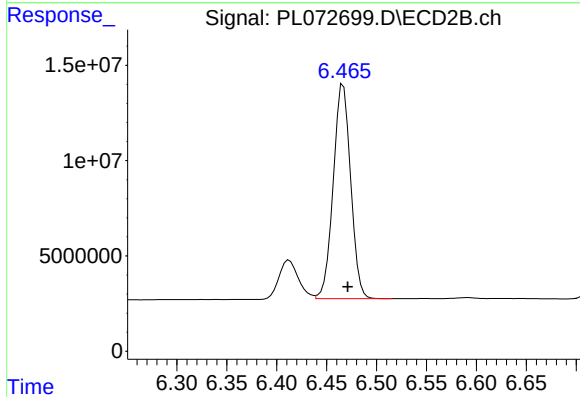
R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 145157623  
Conc: 60.62 ng/ml



#3 gamma-BHC (Lindane)

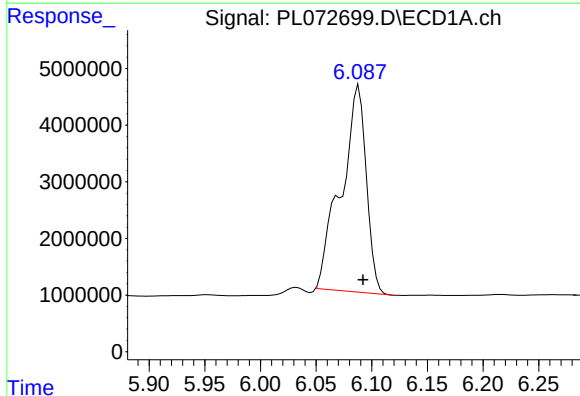
R.T.: 5.683 min  
Delta R.T.: -0.003 min  
Response: 39507530  
Conc: 62.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



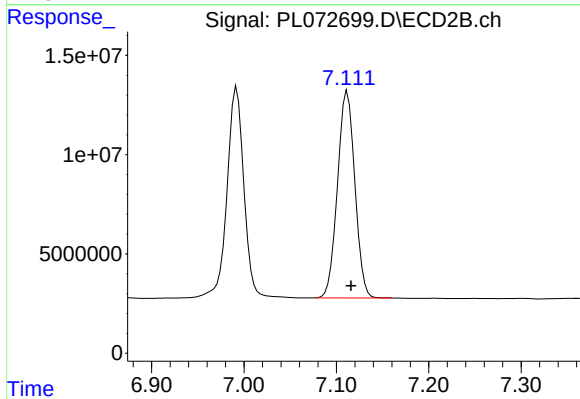
#3 gamma-BHC (Lindane)

R.T.: 6.467 min  
Delta R.T.: -0.004 min  
Response: 136606109  
Conc: 59.33 ng/ml



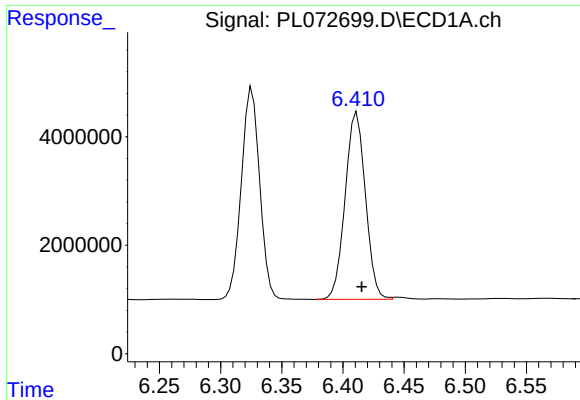
#4 Heptachlor

R.T.: 6.088 min  
Delta R.T.: -0.004 min  
Response: 57350276  
Conc: 78.57 ng/ml



#4 Heptachlor

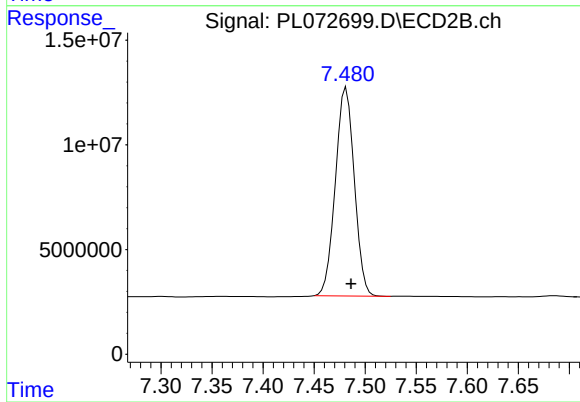
R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 136014723  
Conc: 59.74 ng/ml



#5 Aldrin

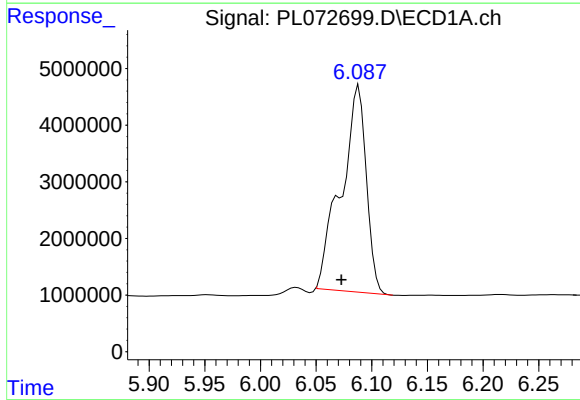
R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 39746663  
Conc: 61.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



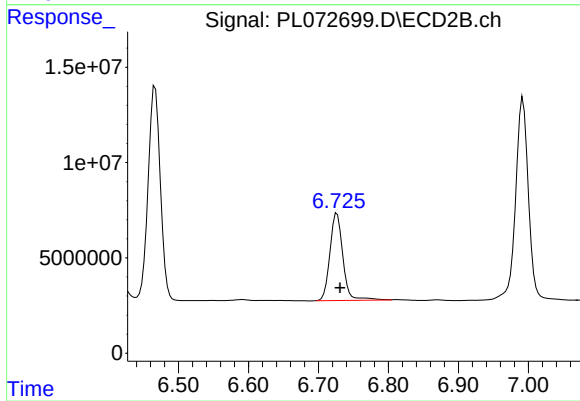
#5 Aldrin

R.T.: 7.481 min  
Delta R.T.: -0.005 min  
Response: 128565352  
Conc: 60.14 ng/ml



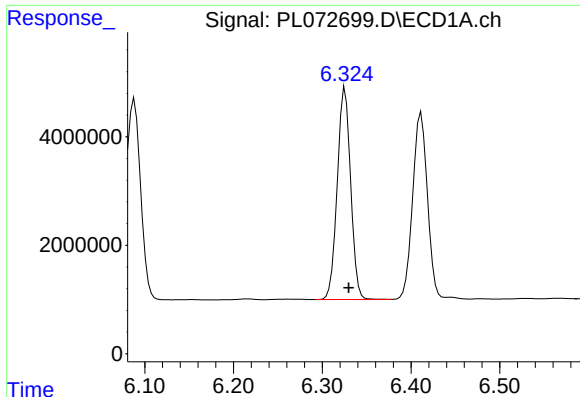
#6 beta-BHC

R.T.: 6.088 min  
Delta R.T.: 0.015 min  
Response: 57350276  
Conc: 231.45 ng/ml



#6 beta-BHC

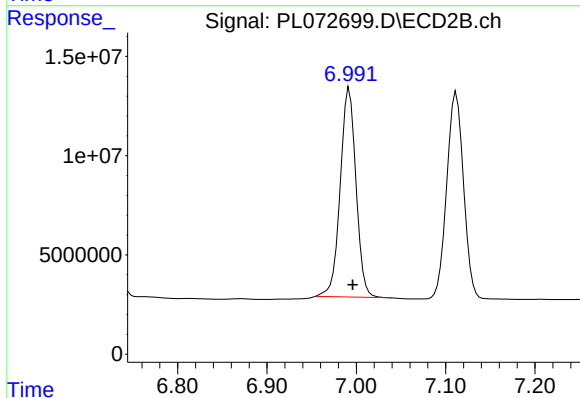
R.T.: 6.727 min  
Delta R.T.: -0.004 min  
Response: 59153485  
Conc: 58.03 ng/ml



#7 delta-BHC

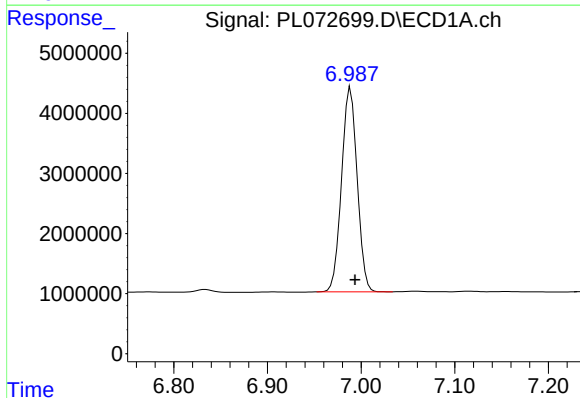
R.T.: 6.326 min  
Delta R.T.: -0.004 min  
Response: 40909424  
Conc: 61.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



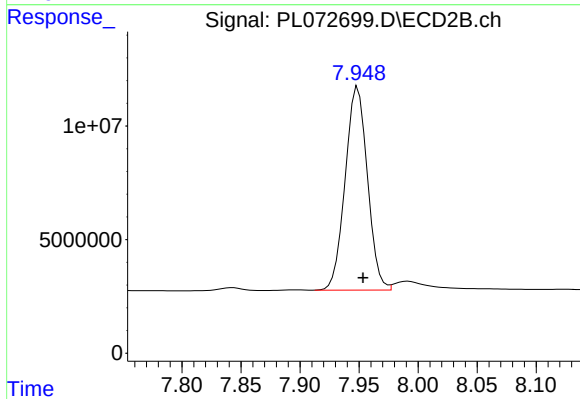
#7 delta-BHC

R.T.: 6.992 min  
Delta R.T.: -0.004 min  
Response: 129057922  
Conc: 56.33 ng/ml



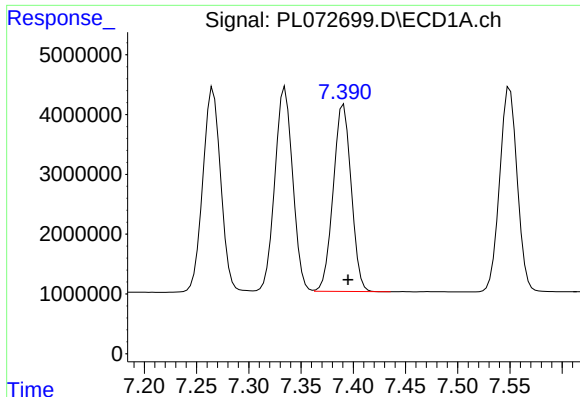
#8 Heptachlor epoxide

R.T.: 6.989 min  
Delta R.T.: -0.005 min  
Response: 39460103  
Conc: 62.59 ng/ml



#8 Heptachlor epoxide

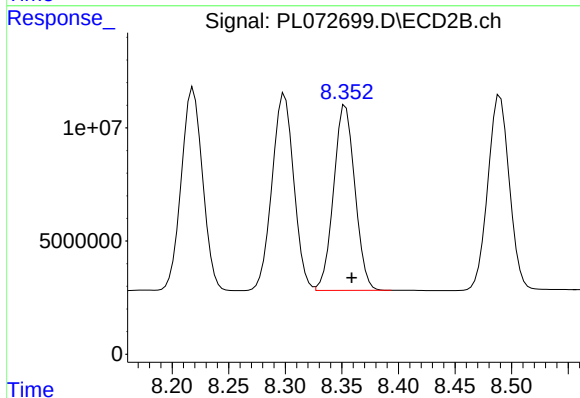
R.T.: 7.949 min  
Delta R.T.: -0.004 min  
Response: 117378535  
Conc: 60.84 ng/ml



#9 Endosulfan I

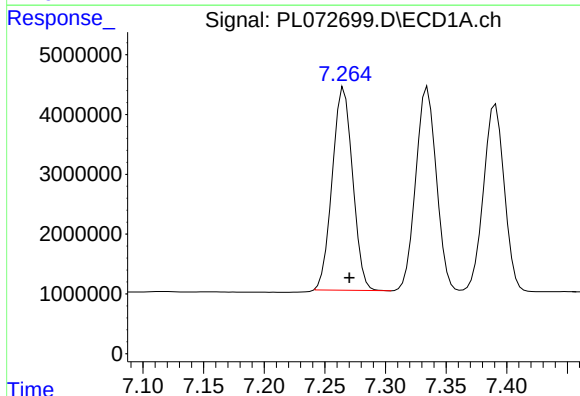
R.T.: 7.391 min  
Delta R.T.: -0.004 min  
Response: 37400727  
Conc: 63.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



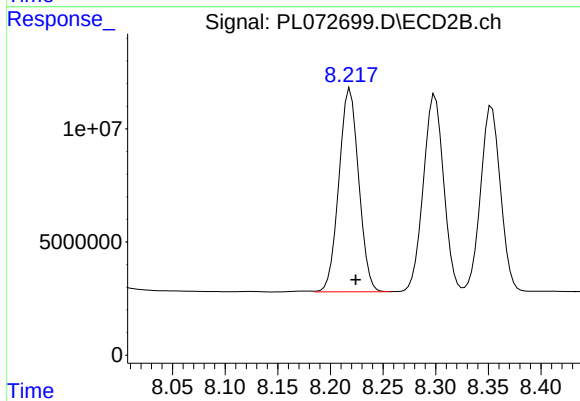
#9 Endosulfan I

R.T.: 8.353 min  
Delta R.T.: -0.005 min  
Response: 107284646  
Conc: 61.32 ng/ml



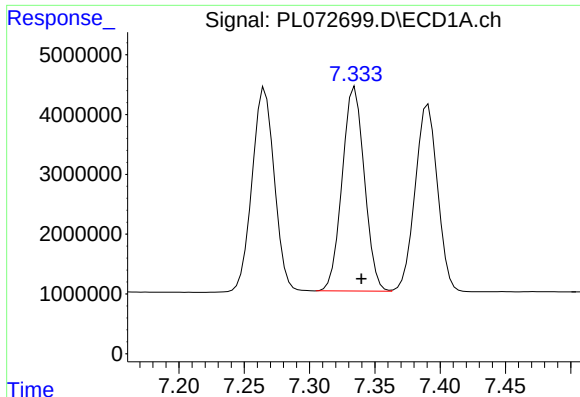
#10 gamma-Chlordane

R.T.: 7.266 min  
Delta R.T.: -0.004 min  
Response: 39675991  
Conc: 62.63 ng/ml



#10 gamma-Chlordane

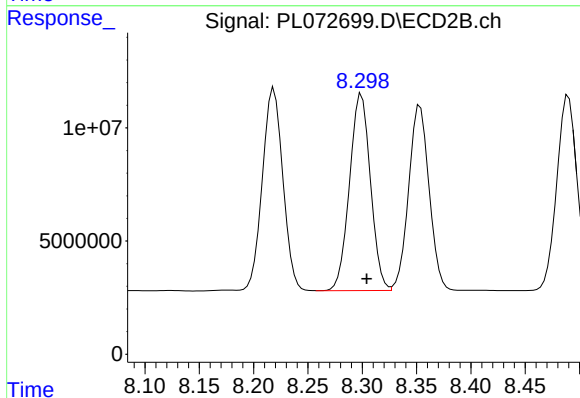
R.T.: 8.219 min  
Delta R.T.: -0.005 min  
Response: 117798036  
Conc: 60.90 ng/ml



#11 alpha-Chlordane

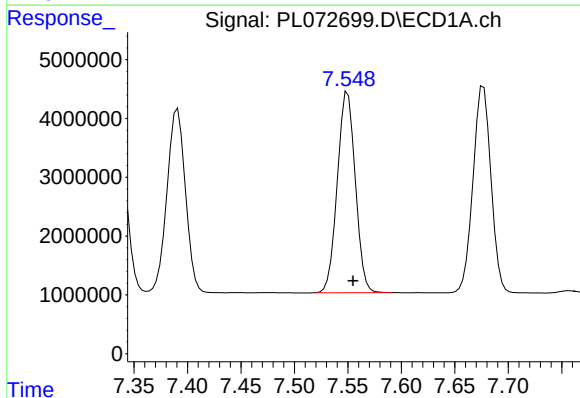
R.T.: 7.335 min  
Delta R.T.: -0.005 min  
Response: 40401686  
Conc: 63.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



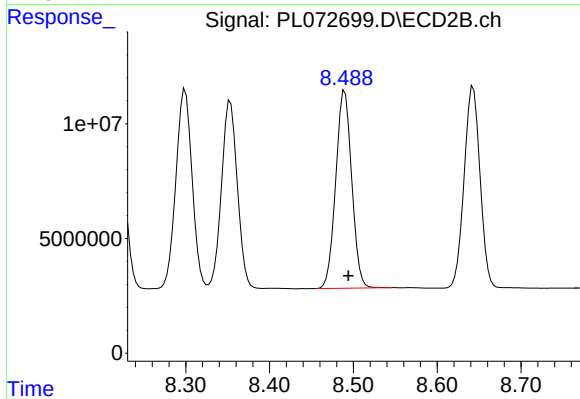
#11 alpha-Chlordane

R.T.: 8.299 min  
Delta R.T.: -0.005 min  
Response: 116661487  
Conc: 61.40 ng/ml



#12 4,4'-DDE

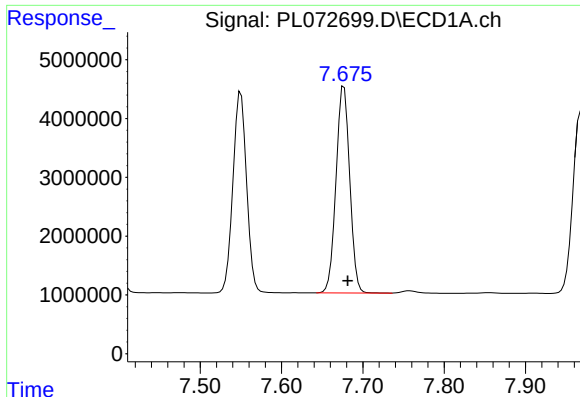
R.T.: 7.550 min  
Delta R.T.: -0.005 min  
Response: 40034424  
Conc: 65.88 ng/ml



#12 4,4'-DDE

R.T.: 8.490 min  
Delta R.T.: -0.004 min  
Response: 113910375  
Conc: 60.94 ng/ml

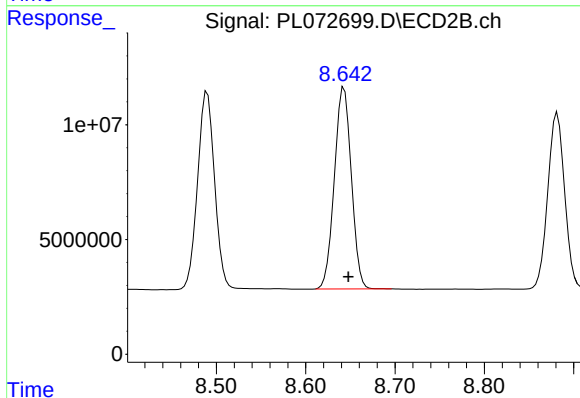




#13 Dieldrin

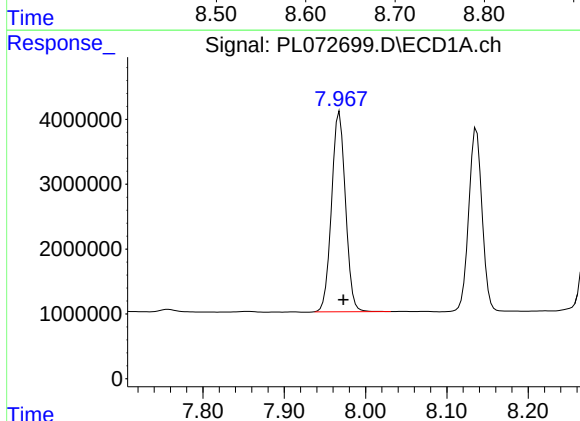
R.T.: 7.677 min  
Delta R.T.: -0.004 min  
Response: 41180291  
Conc: 65.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



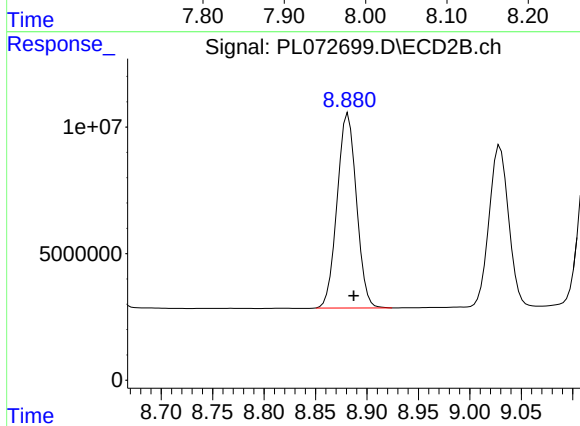
#13 Dieldrin

R.T.: 8.643 min  
Delta R.T.: -0.005 min  
Response: 116059143  
Conc: 62.27 ng/ml



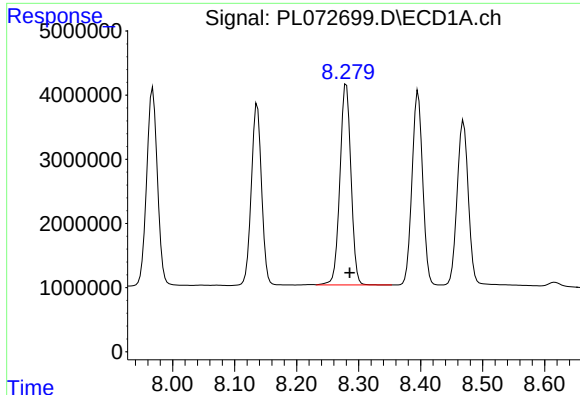
#14 Endrin

R.T.: 7.968 min  
Delta R.T.: -0.005 min  
Response: 36829191  
Conc: 62.87 ng/ml



#14 Endrin

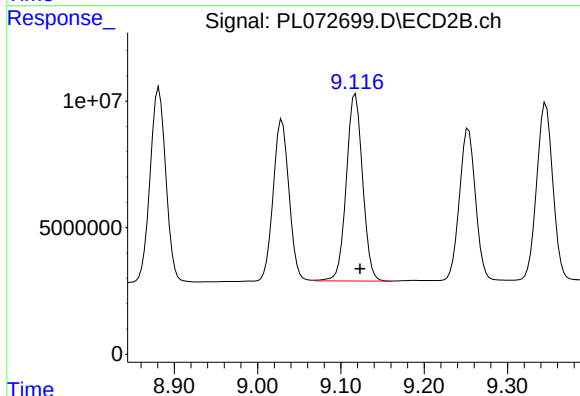
R.T.: 8.882 min  
Delta R.T.: -0.005 min  
Response: 100473810  
Conc: 63.77 ng/ml



#15 Endosulfan II

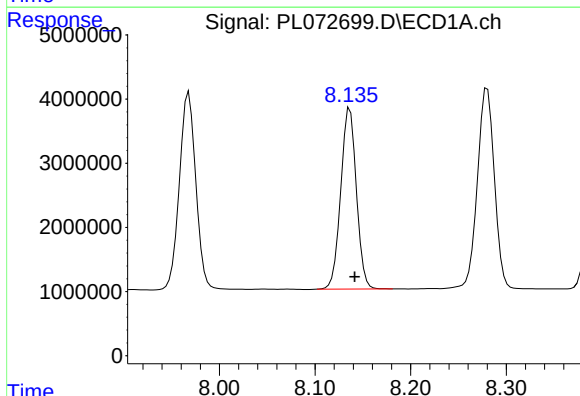
R.T.: 8.280 min  
Delta R.T.: -0.005 min  
Response: 38933271  
Conc: 63.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



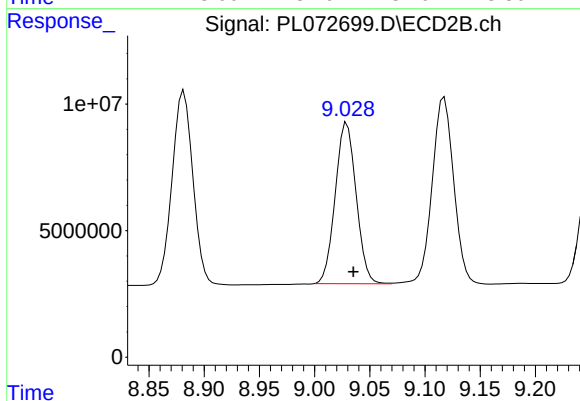
#15 Endosulfan II

R.T.: 9.118 min  
Delta R.T.: -0.006 min  
Response: 100267727  
Conc: 59.64 ng/ml



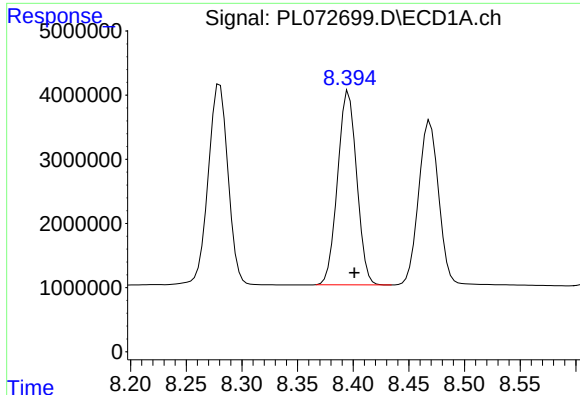
#16 4,4'-DDD

R.T.: 8.136 min  
Delta R.T.: -0.005 min  
Response: 32149429  
Conc: 66.83 ng/ml



#16 4,4'-DDD

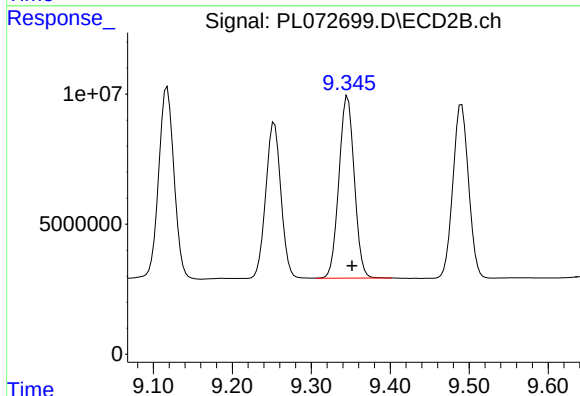
R.T.: 9.029 min  
Delta R.T.: -0.006 min  
Response: 83873775  
Conc: 60.61 ng/ml



#17 4,4'-DDT

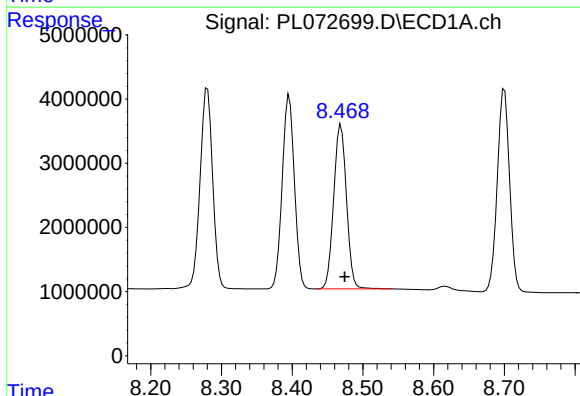
R.T.: 8.396 min  
Delta R.T.: -0.005 min  
Response: 36139250  
Conc: 67.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



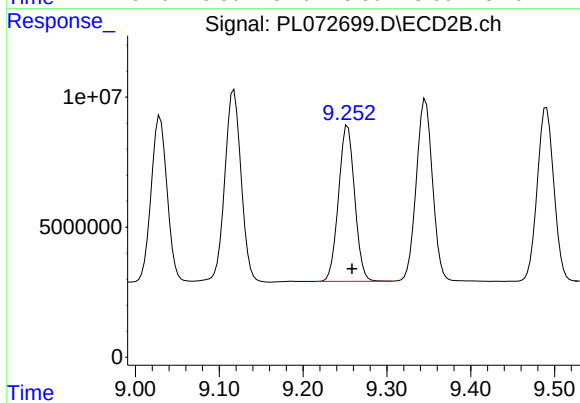
#17 4,4'-DDT

R.T.: 9.346 min  
Delta R.T.: -0.005 min  
Response: 94479882  
Conc: 61.72 ng/ml



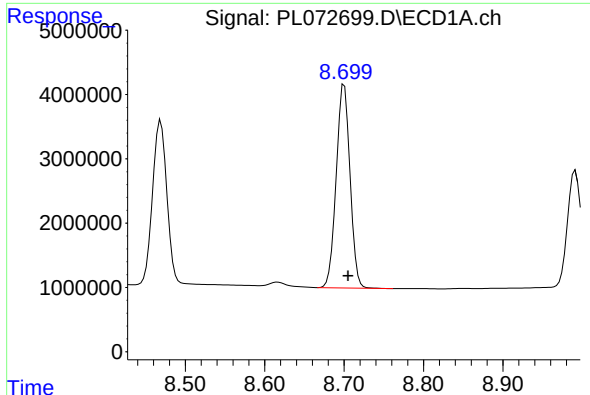
#18 Endrin aldehyde

R.T.: 8.469 min  
Delta R.T.: -0.005 min  
Response: 32185719  
Conc: 73.84 ng/ml



#18 Endrin aldehyde

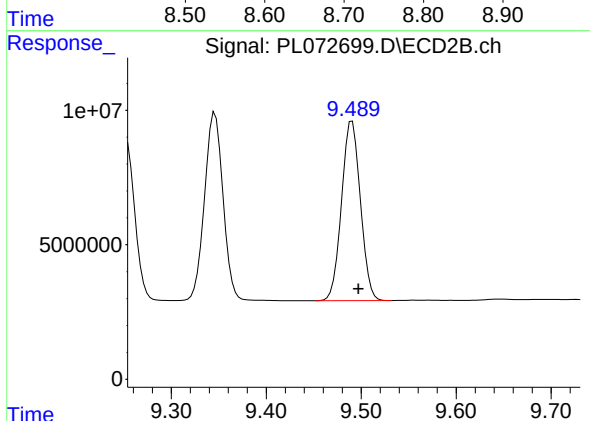
R.T.: 9.253 min  
Delta R.T.: -0.005 min  
Response: 80069174  
Conc: 71.14 ng/ml



#19 Endosulfan Sulfate

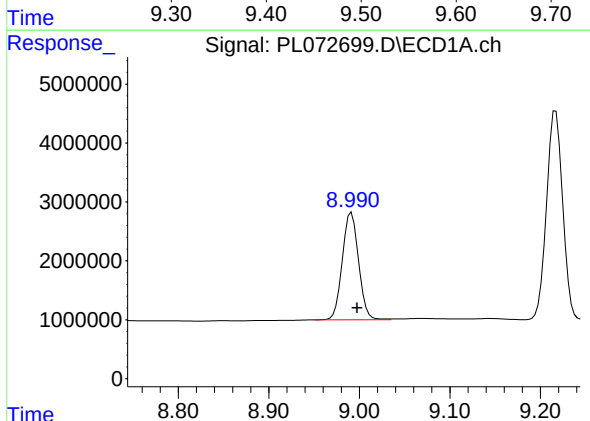
R.T.: 8.700 min  
Delta R.T.: -0.005 min  
Response: 38246101  
Conc: 64.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



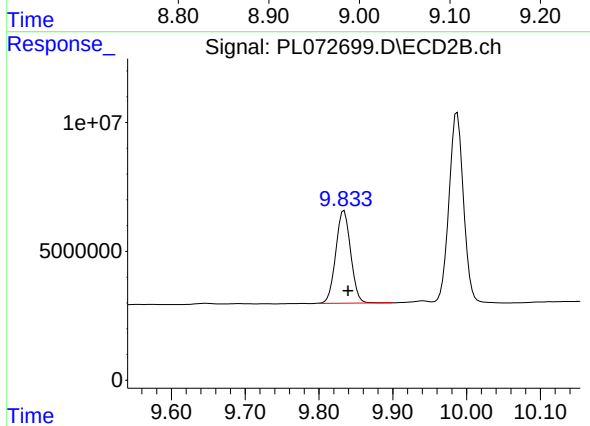
#19 Endosulfan Sulfate

R.T.: 9.490 min  
Delta R.T.: -0.007 min  
Response: 92176017  
Conc: 61.62 ng/ml



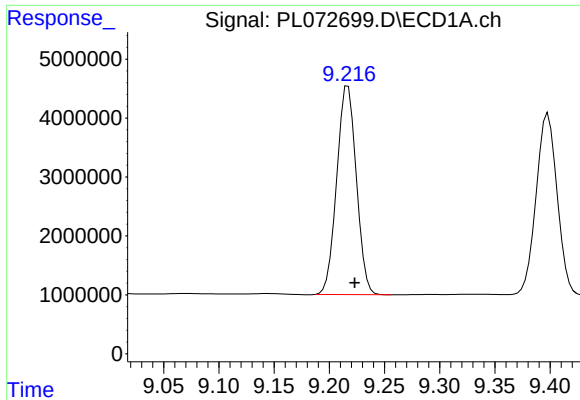
#20 Methoxychlor

R.T.: 8.991 min  
Delta R.T.: -0.006 min  
Response: 22807852  
Conc: 64.86 ng/ml



#20 Methoxychlor

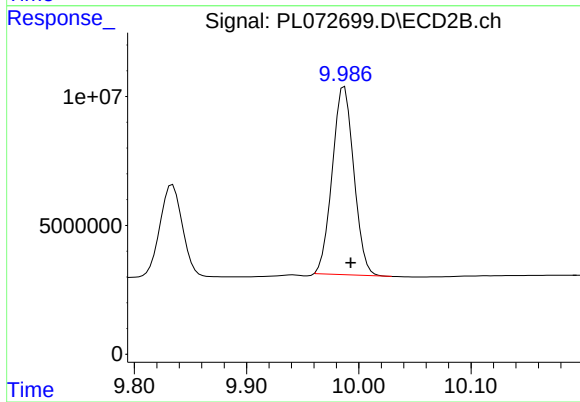
R.T.: 9.834 min  
Delta R.T.: -0.005 min  
Response: 50391983  
Conc: 62.24 ng/ml



#21 Endrin ketone

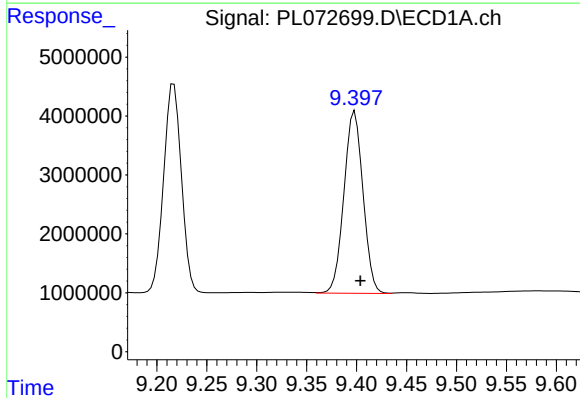
R.T.: 9.217 min  
Delta R.T.: -0.006 min  
Response: 43791148  
Conc: 63.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



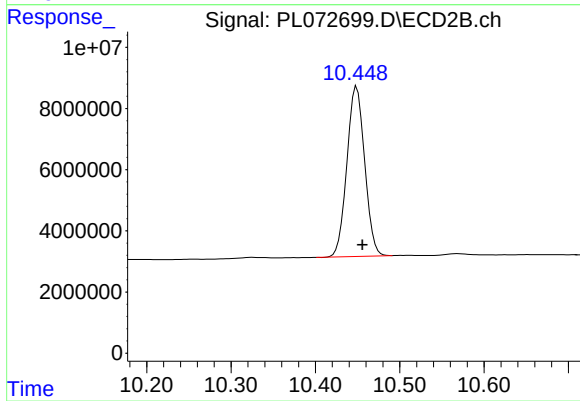
#21 Endrin ketone

R.T.: 9.987 min  
Delta R.T.: -0.006 min  
Response: 97244696  
Conc: 61.03 ng/ml



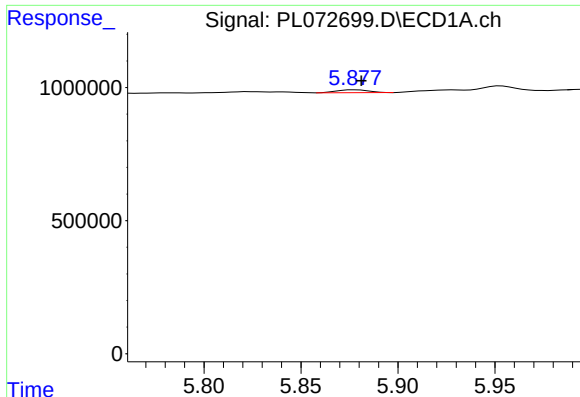
#22 Mirex

R.T.: 9.398 min  
Delta R.T.: -0.006 min  
Response: 41093877  
Conc: 69.27 ng/ml



#22 Mirex

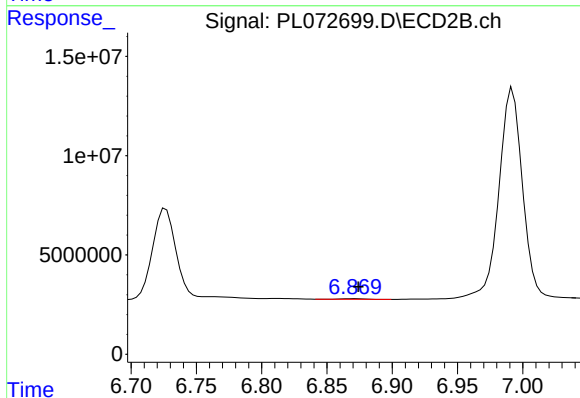
R.T.: 10.449 min  
Delta R.T.: -0.007 min  
Response: 81312058  
Conc: 69.27 ng/ml



#23 Chlordane-1

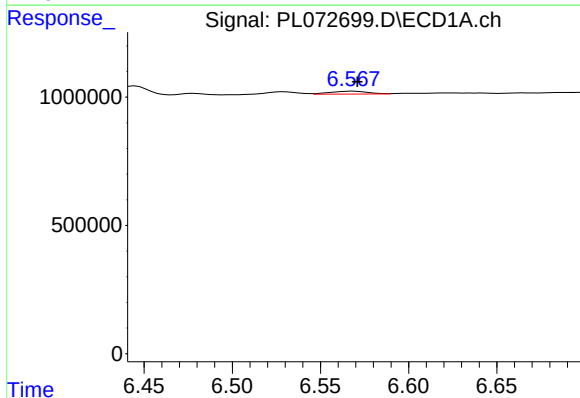
R.T.: 5.878 min  
Delta R.T.: -0.003 min  
Response: 123955  
Conc: 6.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



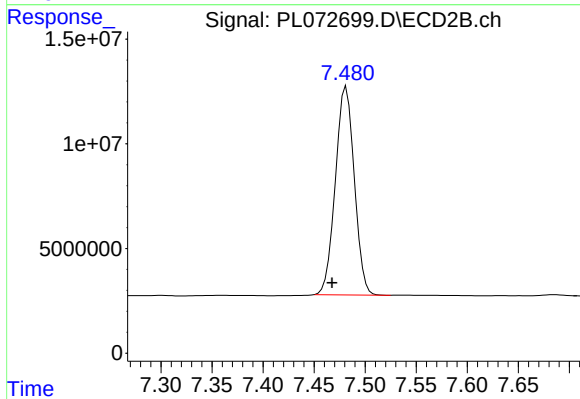
#23 Chlordane-1

R.T.: 6.871 min  
Delta R.T.: -0.003 min  
Response: 383284  
Conc: 5.34 ng/ml



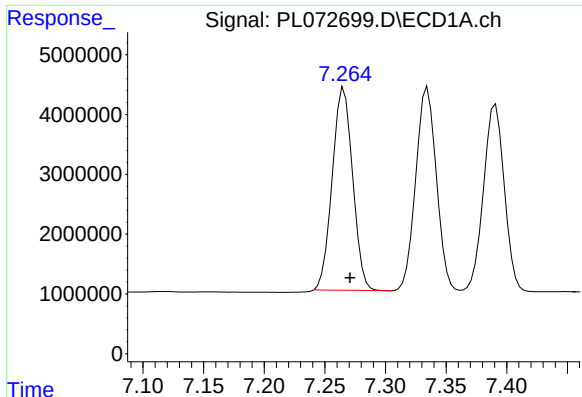
#24 Chlordane-2

R.T.: 6.568 min  
Delta R.T.: -0.003 min  
Response: 163894  
Conc: 6.48 ng/ml



#24 Chlordane-2

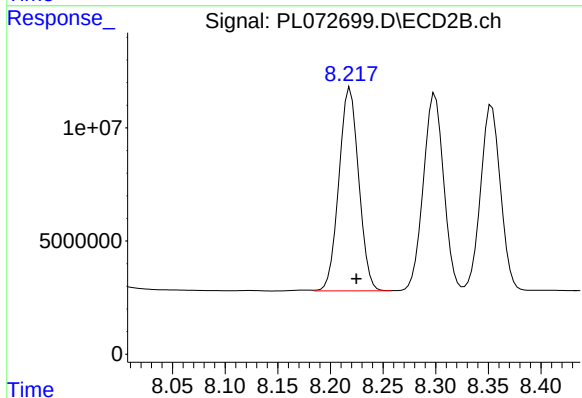
R.T.: 7.481 min  
Delta R.T.: 0.014 min  
Response: 128565352  
Conc: 1669.44 ng/ml



#25 Chlordane-3

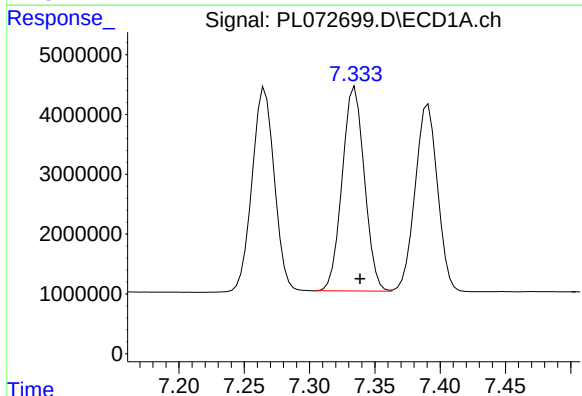
R.T.: 7.266 min  
Delta R.T.: -0.005 min  
Response: 39675991  
Conc: 588.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



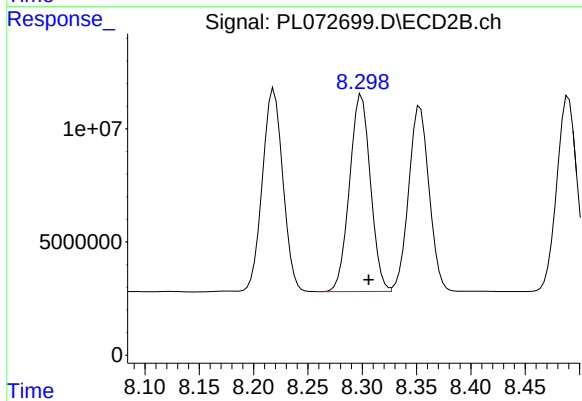
#25 Chlordane-3

R.T.: 8.219 min  
Delta R.T.: -0.006 min  
Response: 117798036  
Conc: 394.19 ng/ml



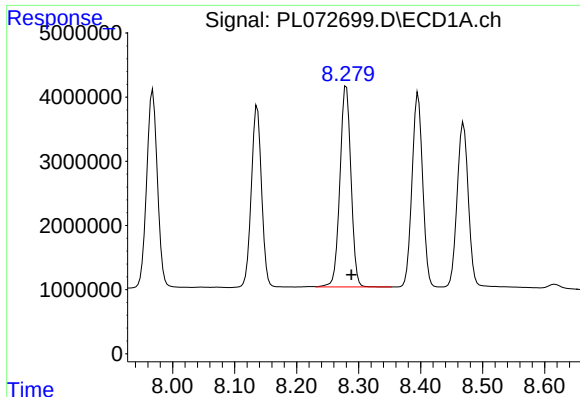
#26 Chlordane-4

R.T.: 7.335 min  
Delta R.T.: -0.004 min  
Response: 40401686  
Conc: 550.61 ng/ml



#26 Chlordane-4

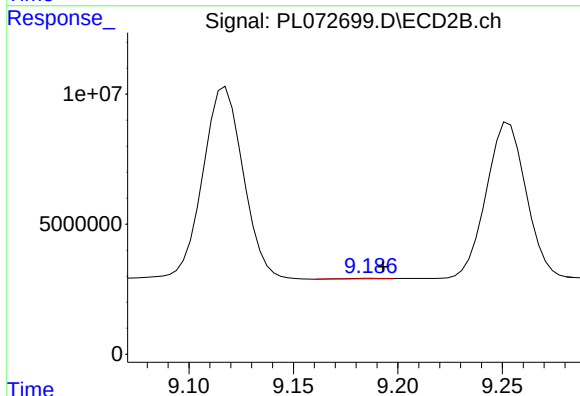
R.T.: 8.299 min  
Delta R.T.: -0.006 min  
Response: 116661487  
Conc: 326.97 ng/ml



#27 Chlordane-5

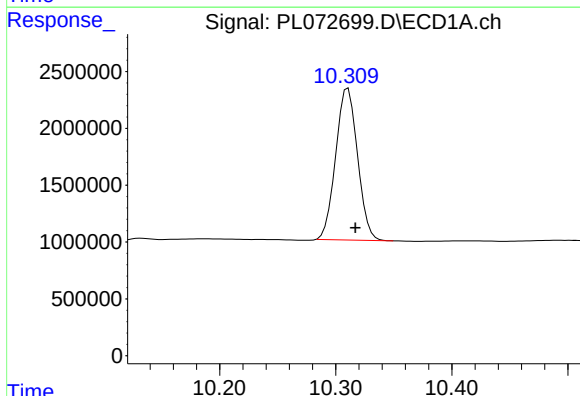
R.T.: 8.280 min  
Delta R.T.: -0.008 min  
Response: 38933271  
Conc: 1517.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



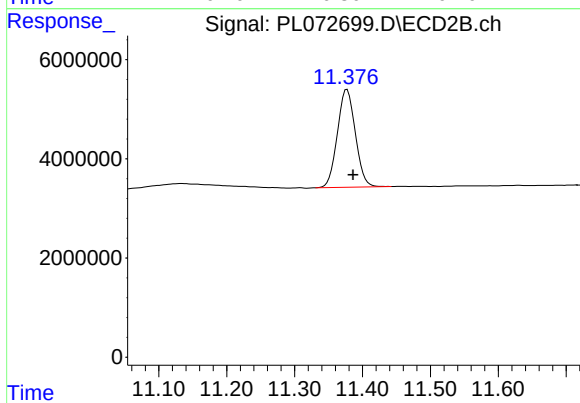
#27 Chlordane-5

R.T.: 9.188 min  
Delta R.T.: -0.005 min  
Response: 232232  
Conc: 3.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.311 min  
Delta R.T.: -0.006 min  
Response: 17454404  
Conc: 23.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.377 min  
Delta R.T.: -0.009 min  
Response: 36319836  
Conc: 22.90 ng/ml