

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121621\  
 Data File : PL071491.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2021 15:46  
 Operator : AR\AJ  
 Sample : M5067-02MSD  
 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: Dec 16 16:58:03 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 14:29:34 2021  
 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... | 4.562  | 5.499  | 9708855  | 30147762 | 20.483   | 25.306     |
| 28)                         | SA Decachlor... | 10.322 | 11.388 | 15456374 | 26785351 | 23.264   | 24.653     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.268  | 6.080  | 37794240 | 103.8E6  | 59.427   | 60.353     |
| 3)                          | MA gamma-BHC... | 5.691  | 6.476  | 39271957 | 99125195 | 60.100   | 62.105     |
| 4)                          | MA Heptachlor   | 6.097  | 7.122  | 43842920 | 104.7E6  | 63.464   | 65.603     |
| 5)                          | MB Aldrin       | 6.421  | 7.491  | 39354155 | 99897001 | 63.910   | 68.396     |
| 6)                          | B beta-BHC      | 6.075  | 6.733  | 16477001 | 46173481 | 57.702   | 57.684     |
| 7)                          | B delta-BHC     | 6.333  | 6.999  | 15937032 | 45890950 | 25.482   | 30.035     |
| 8)                          | B Heptachlo...  | 6.999  | 7.959  | 37734766 | 88941806 | 61.653   | 66.304     |
| 9)                          | A Endosulfan I  | 7.400  | 8.363  | 35217462 | 80353607 | 60.662   | 66.948     |
| 10)                         | B gamma-Chl...  | 7.275  | 8.228  | 38907061 | 88454093 | 62.681   | 68.408     |
| 11)                         | B alpha-Chl...  | 7.345  | 8.308  | 38784837 | 86485770 | 62.183   | 68.069     |
| 12)                         | B 4,4'-DDE      | 7.560  | 8.498  | 35684615 | 83859594 | 65.388   | 70.401     |
| 13)                         | MA Dieldrin     | 7.686  | 8.652  | 38094534 | 86322748 | 65.051   | 71.001     |
| 14)                         | MA Endrin       | 7.977  | 8.891  | 35970636 | 74535601 | 65.674   | 73.571     |
| 15)                         | B Endosulfa...  | 8.289  | 9.126  | 35200232 | 74892893 | 64.585   | 74.215     |
| 16)                         | A 4,4'-DDD      | 8.146  | 9.037  | 29697927 | 62329805 | 63.097   | 70.613     |
| 17)                         | MA 4,4'-DDT     | 8.406  | 9.354  | 32894260 | 69160808 | 64.455   | 69.940     |
| 18)                         | B Endrin al...  | 8.478  | 9.261  | 29058823 | 58178518 | 68.334   | 77.236     |
| 19)                         | B Endosulfa...  | 8.709  | 9.498  | 31282669 | 60243372 | 54.489   | 61.467     |
| 20)                         | A Methoxychlor  | 9.002  | 9.841  | 20766596 | 36573814 | 64.115   | 72.860     |
| 21)                         | B Endrin ke...  | 9.227  | 9.994  | 40883057 | 72381203 | 61.986   | 68.831     |
| 22)                         | Mirex           | 9.409  | 10.457 | 36738810 | 58077990 | 63.323   | 72.160     |
| 24)                         | Chlordane-2     | 0.000  | 7.491f | 0        | 99897001 | N.D.     | 2118.297 # |
| 25)                         | Chlordane-3     | 7.275  | 8.228  | 38907061 | 88454093 | 671.464  | 505.291    |
| 26)                         | Chlordane-4     | 7.345  | 8.308  | 38784837 | 86485770 | 624.809  | 411.927 #  |
| 27)                         | Chlordane-5     | 8.289  | 0.000  | 35200232 | 0        | 1645.999 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

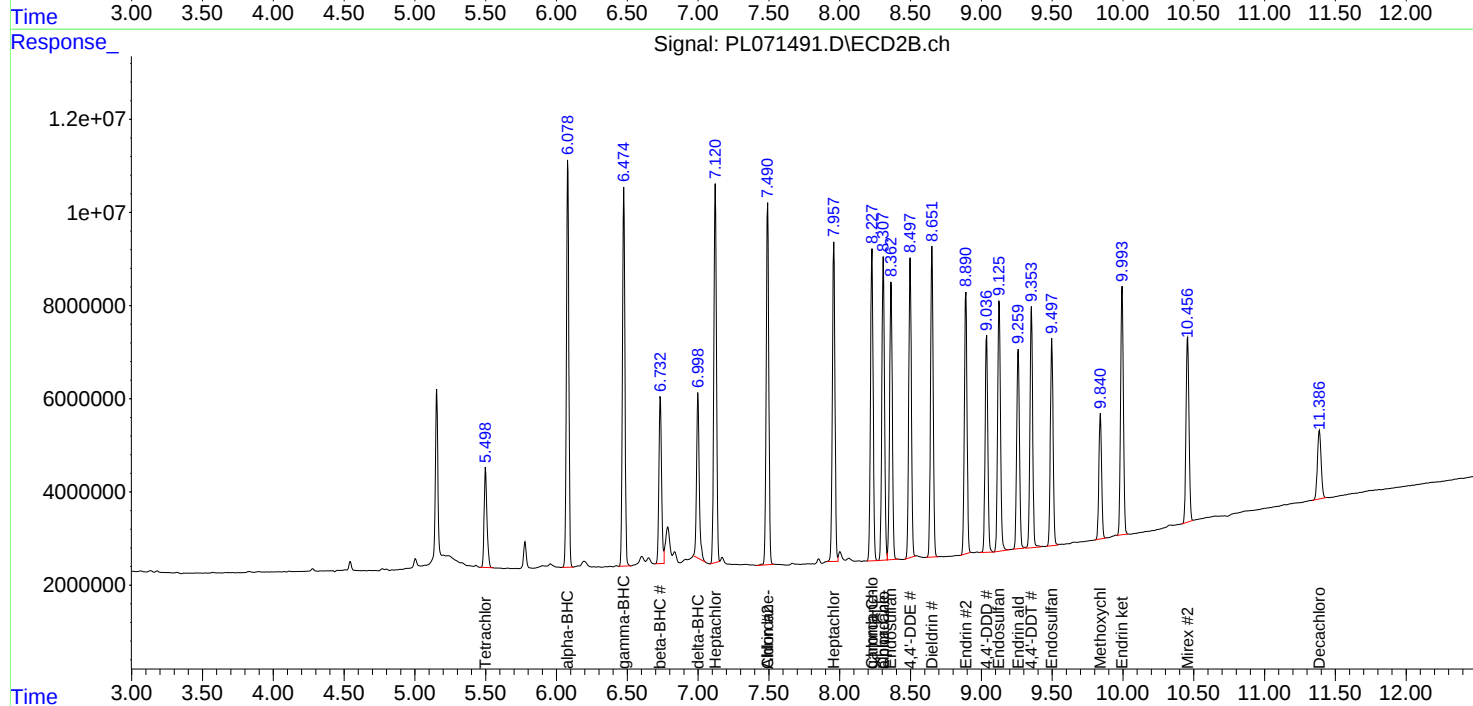
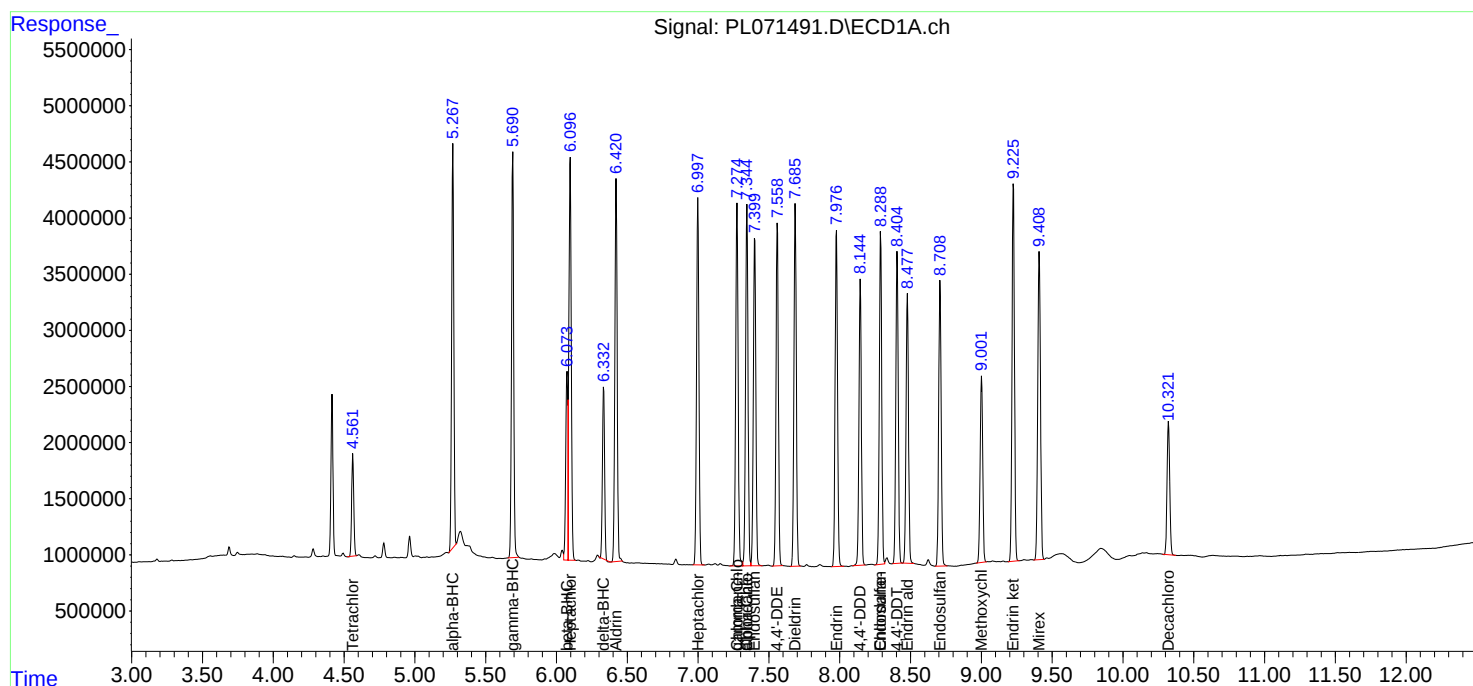
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

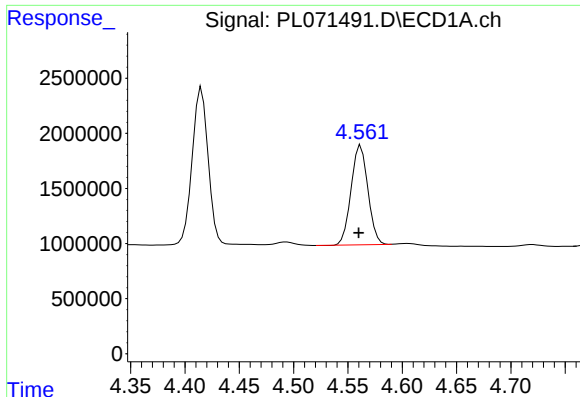
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121621\  
Data File : PL071491.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2021 15:46  
Operator : AR\AJ  
Sample : M5067-02MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 16 16:58:03 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121421.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 14 14:29:34 2021  
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

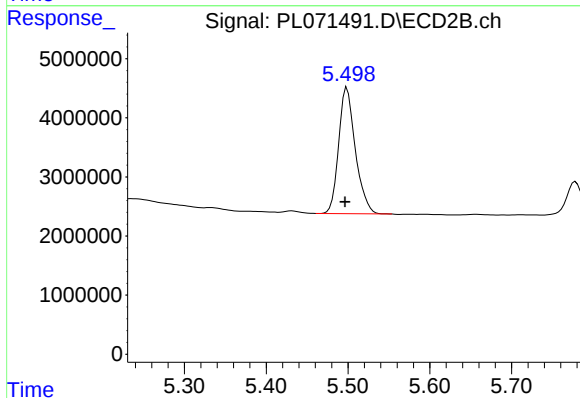




#1 Tetrachloro-m-xylene

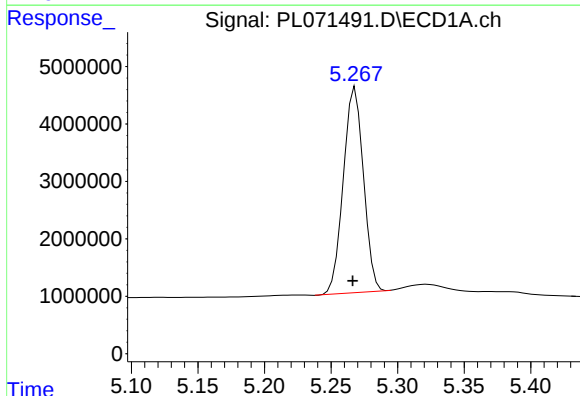
R.T.: 4.562 min  
Delta R.T.: 0.002 min  
Response: 9708855  
Conc: 20.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



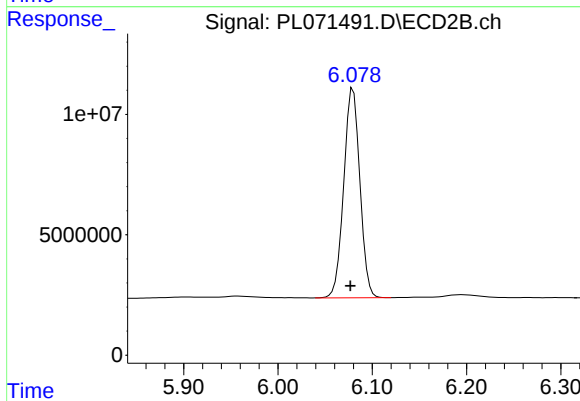
#1 Tetrachloro-m-xylene

R.T.: 5.499 min  
Delta R.T.: 0.002 min  
Response: 30147762  
Conc: 25.31 ng/ml



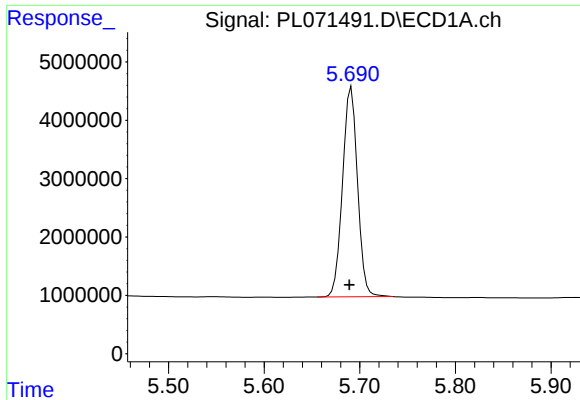
#2 alpha-BHC

R.T.: 5.268 min  
Delta R.T.: 0.002 min  
Response: 37794240  
Conc: 59.43 ng/ml



#2 alpha-BHC

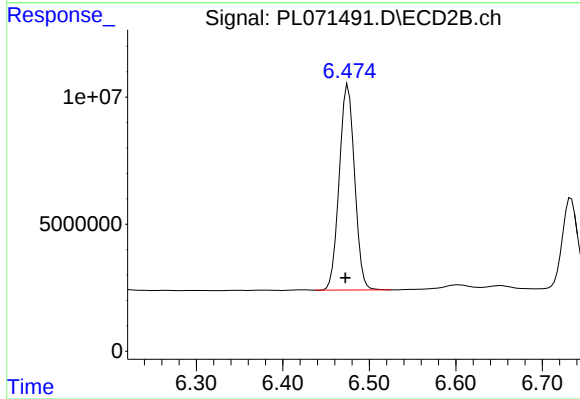
R.T.: 6.080 min  
Delta R.T.: 0.003 min  
Response: 103788618  
Conc: 60.35 ng/ml



#3 gamma-BHC (Lindane)

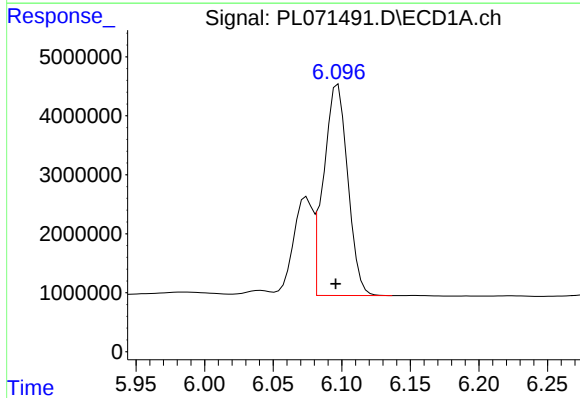
R.T.: 5.691 min  
Delta R.T.: 0.002 min  
Response: 39271957  
Conc: 60.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



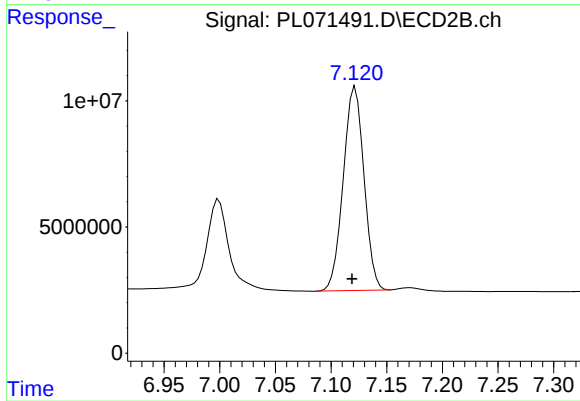
#3 gamma-BHC (Lindane)

R.T.: 6.476 min  
Delta R.T.: 0.003 min  
Response: 99125195  
Conc: 62.10 ng/ml



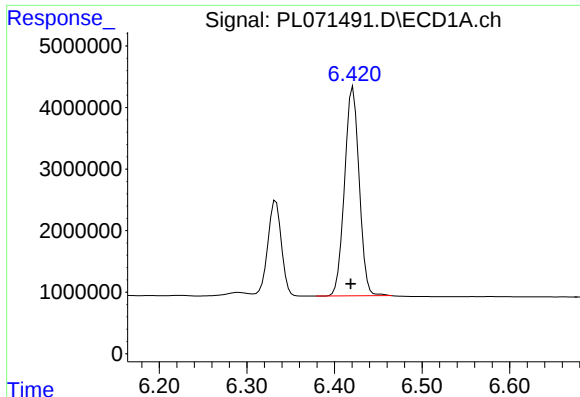
#4 Heptachlor

R.T.: 6.097 min  
Delta R.T.: 0.001 min  
Response: 43842920  
Conc: 63.46 ng/ml



#4 Heptachlor

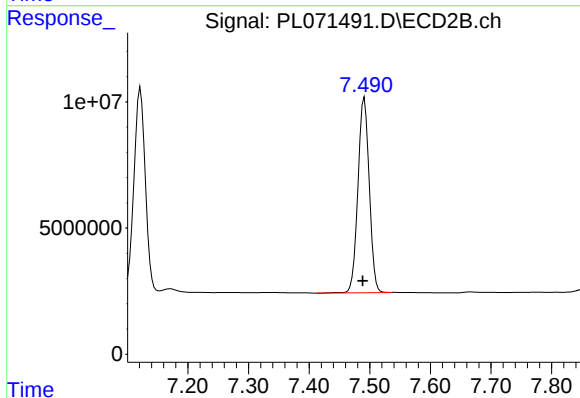
R.T.: 7.122 min  
Delta R.T.: 0.003 min  
Response: 104717076  
Conc: 65.60 ng/ml



#5 Aldrin

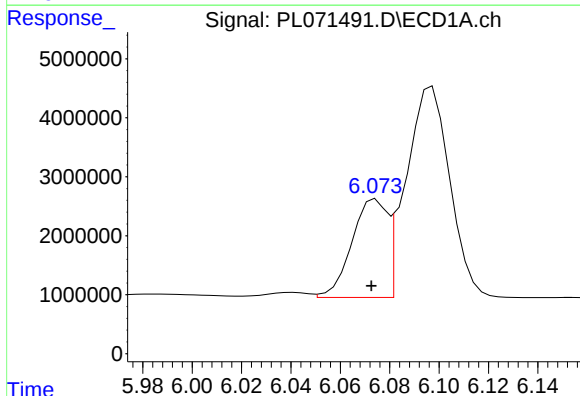
R.T.: 6.421 min  
Delta R.T.: 0.003 min  
Response: 39354155  
Conc: 63.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



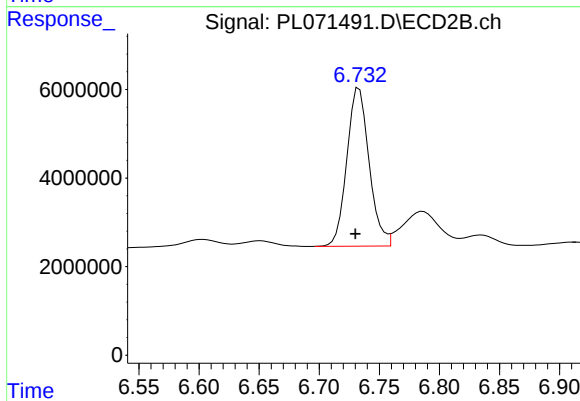
#5 Aldrin

R.T.: 7.491 min  
Delta R.T.: 0.003 min  
Response: 99897001  
Conc: 68.40 ng/ml



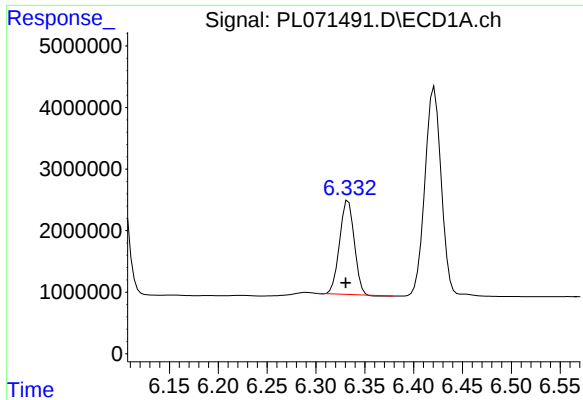
#6 beta-BHC

R.T.: 6.075 min  
Delta R.T.: 0.002 min  
Response: 16477001  
Conc: 57.70 ng/ml



#6 beta-BHC

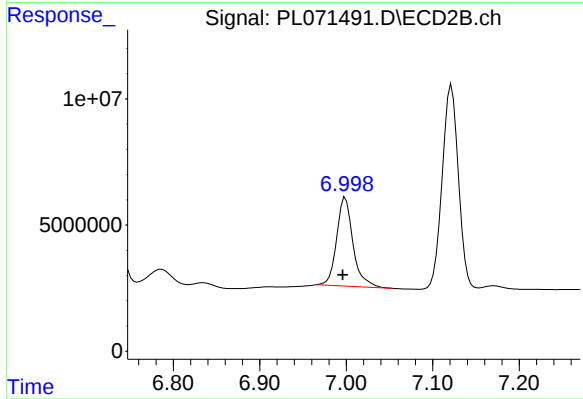
R.T.: 6.733 min  
Delta R.T.: 0.003 min  
Response: 46173481  
Conc: 57.68 ng/ml



#7 delta-BHC

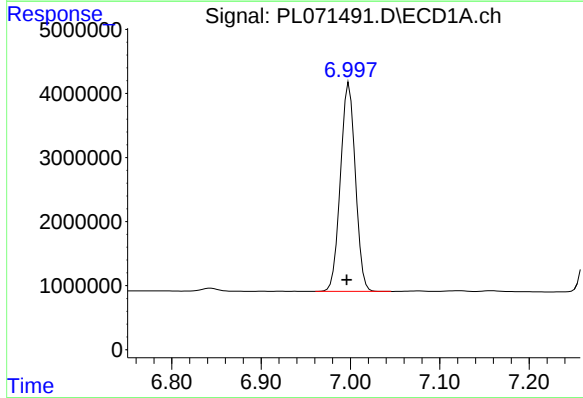
R.T.: 6.333 min  
Delta R.T.: 0.002 min  
Response: 15937032  
Conc: 25.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



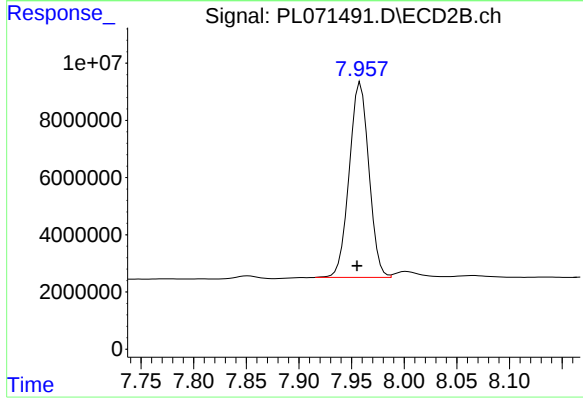
#7 delta-BHC

R.T.: 6.999 min  
Delta R.T.: 0.003 min  
Response: 45890950  
Conc: 30.03 ng/ml



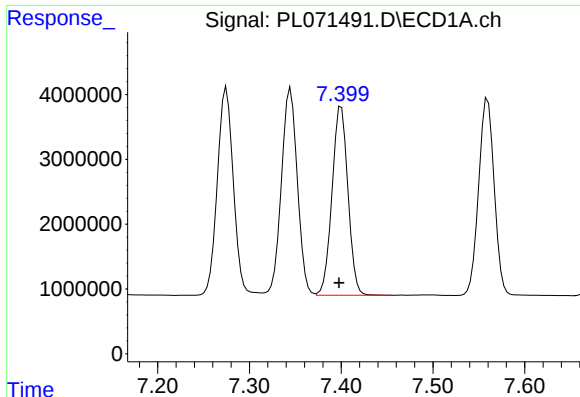
#8 Heptachlor epoxide

R.T.: 6.999 min  
Delta R.T.: 0.003 min  
Response: 37734766  
Conc: 61.65 ng/ml



#8 Heptachlor epoxide

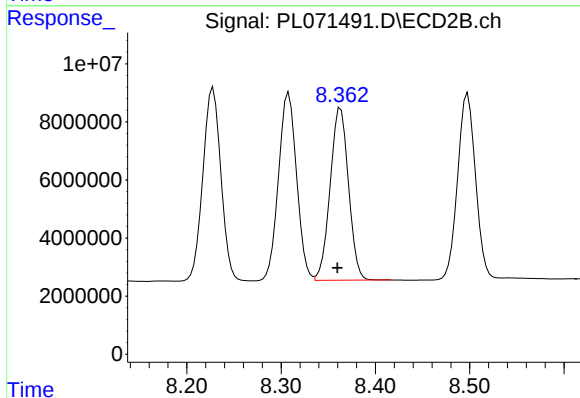
R.T.: 7.959 min  
Delta R.T.: 0.003 min  
Response: 88941806  
Conc: 66.30 ng/ml



#9 Endosulfan I

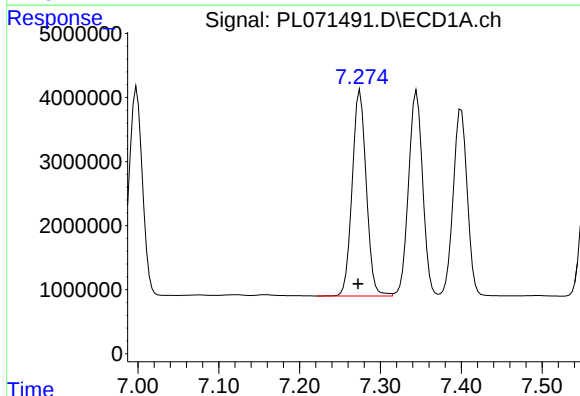
R.T.: 7.400 min  
Delta R.T.: 0.002 min  
Response: 35217462  
Conc: 60.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



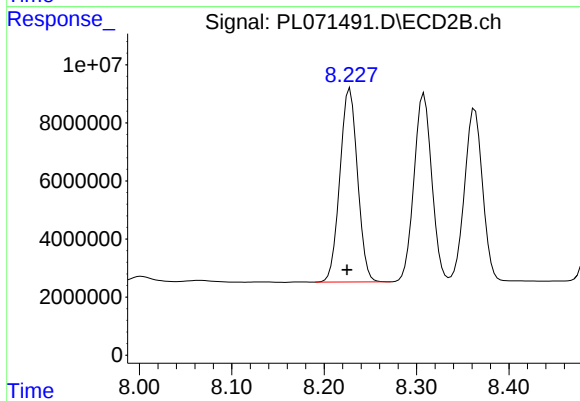
#9 Endosulfan I

R.T.: 8.363 min  
Delta R.T.: 0.003 min  
Response: 80353607  
Conc: 66.95 ng/ml



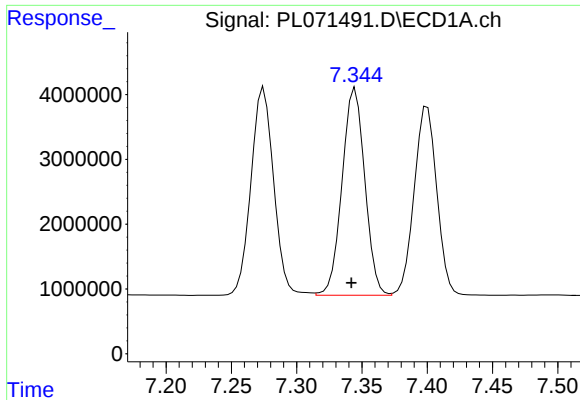
#10 gamma-Chlordane

R.T.: 7.275 min  
Delta R.T.: 0.002 min  
Response: 38907061  
Conc: 62.68 ng/ml



#10 gamma-Chlordane

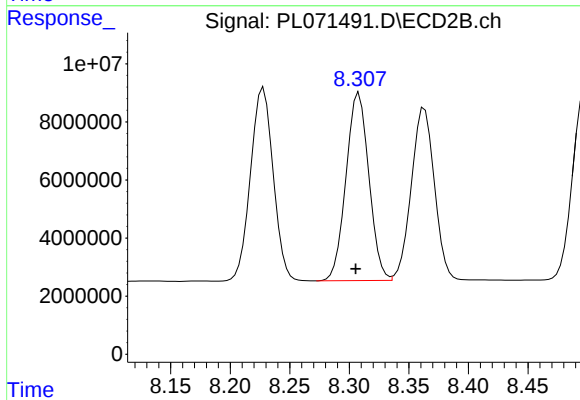
R.T.: 8.228 min  
Delta R.T.: 0.003 min  
Response: 88454093  
Conc: 68.41 ng/ml



#11 alpha-Chlordane

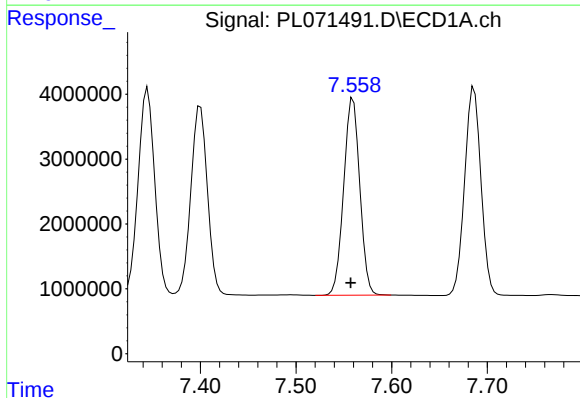
R.T.: 7.345 min  
Delta R.T.: 0.003 min  
Response: 38784837  
Conc: 62.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



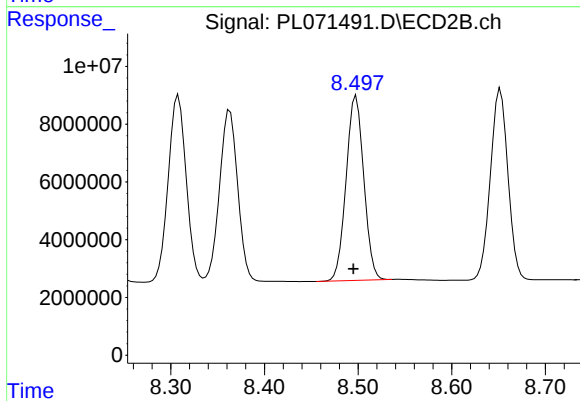
#11 alpha-Chlordane

R.T.: 8.308 min  
Delta R.T.: 0.003 min  
Response: 86485770  
Conc: 68.07 ng/ml



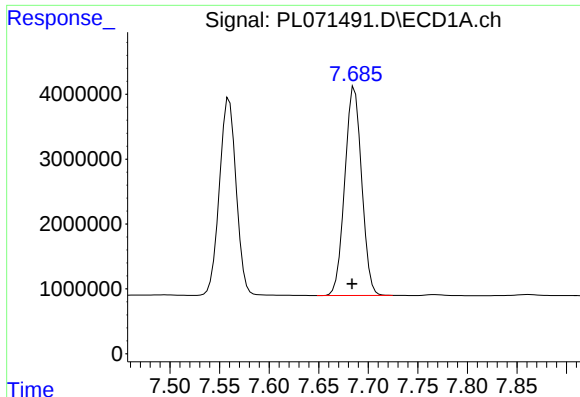
#12 4,4'-DDE

R.T.: 7.560 min  
Delta R.T.: 0.002 min  
Response: 35684615  
Conc: 65.39 ng/ml



#12 4,4'-DDE

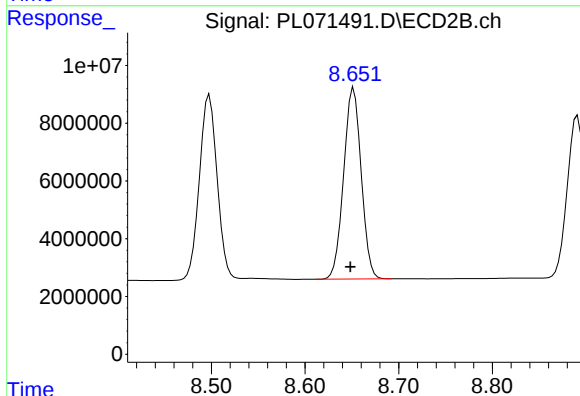
R.T.: 8.498 min  
Delta R.T.: 0.003 min  
Response: 83859594  
Conc: 70.40 ng/ml



#13 Dieldrin

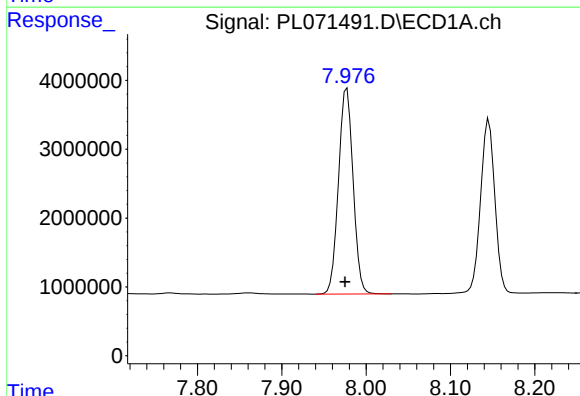
R.T.: 7.686 min  
Delta R.T.: 0.002 min  
Response: 38094534  
Conc: 65.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



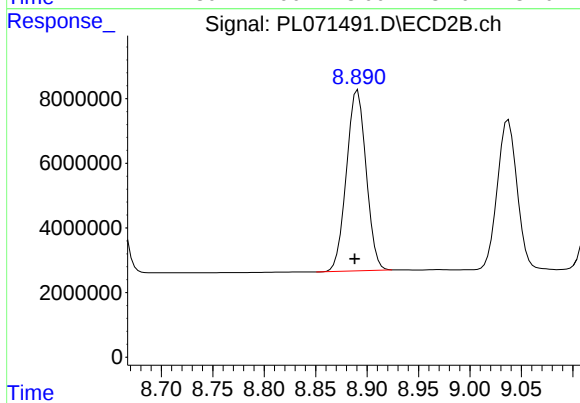
#13 Dieldrin

R.T.: 8.652 min  
Delta R.T.: 0.003 min  
Response: 86322748  
Conc: 71.00 ng/ml



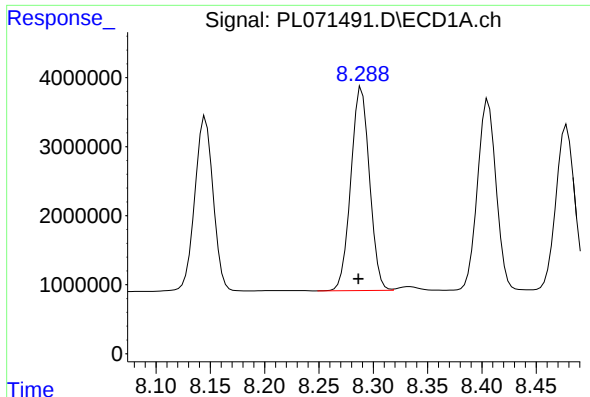
#14 Endrin

R.T.: 7.977 min  
Delta R.T.: 0.002 min  
Response: 35970636  
Conc: 65.67 ng/ml



#14 Endrin

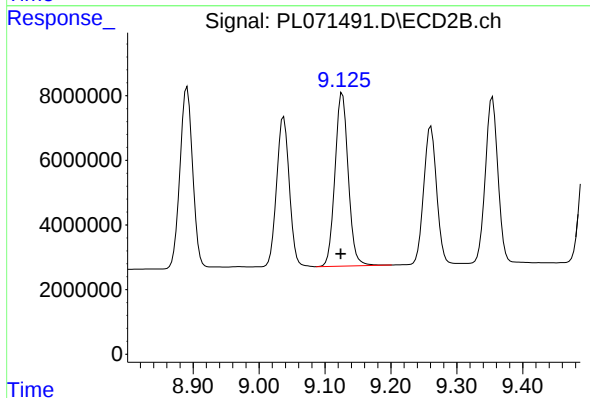
R.T.: 8.891 min  
Delta R.T.: 0.003 min  
Response: 74535601  
Conc: 73.57 ng/ml



#15 Endosulfan II

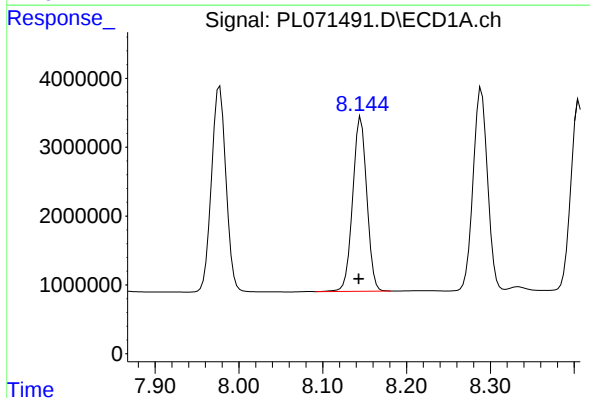
R.T.: 8.289 min  
Delta R.T.: 0.003 min  
Response: 35200232  
Conc: 64.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



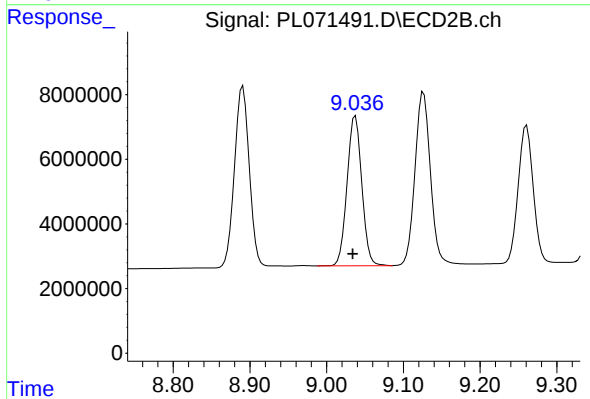
#15 Endosulfan II

R.T.: 9.126 min  
Delta R.T.: 0.003 min  
Response: 74892893  
Conc: 74.22 ng/ml



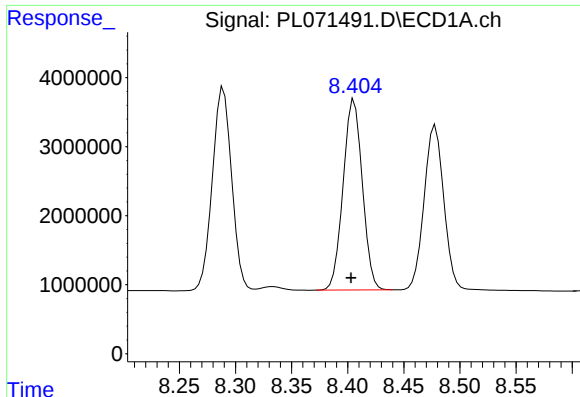
#16 4,4'-DDD

R.T.: 8.146 min  
Delta R.T.: 0.003 min  
Response: 29697927  
Conc: 63.10 ng/ml



#16 4,4'-DDD

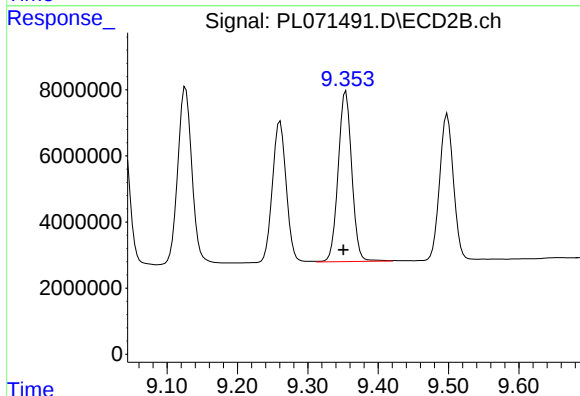
R.T.: 9.037 min  
Delta R.T.: 0.003 min  
Response: 62329805  
Conc: 70.61 ng/ml



#17 4,4'-DDT

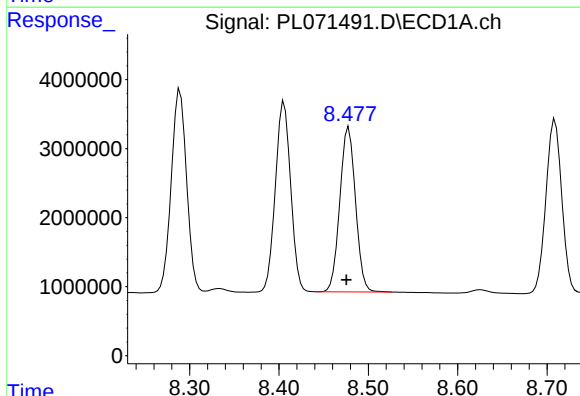
R.T.: 8.406 min  
Delta R.T.: 0.003 min  
Response: 32894260  
Conc: 64.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



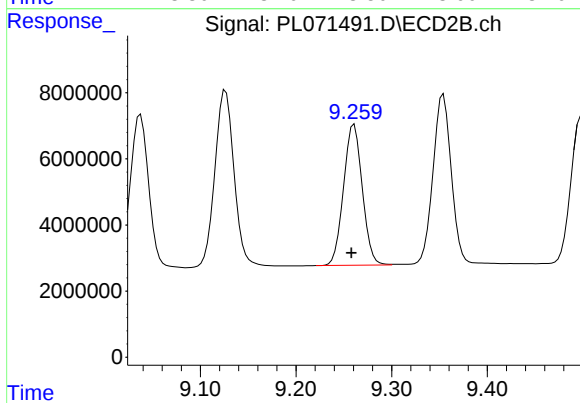
#17 4,4'-DDT

R.T.: 9.354 min  
Delta R.T.: 0.003 min  
Response: 69160808  
Conc: 69.94 ng/ml



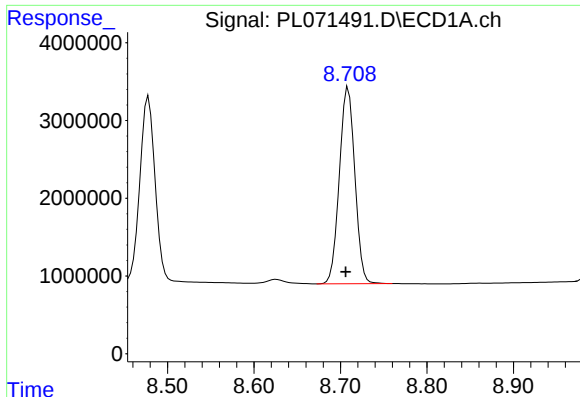
#18 Endrin aldehyde

R.T.: 8.478 min  
Delta R.T.: 0.002 min  
Response: 29058823  
Conc: 68.33 ng/ml



#18 Endrin aldehyde

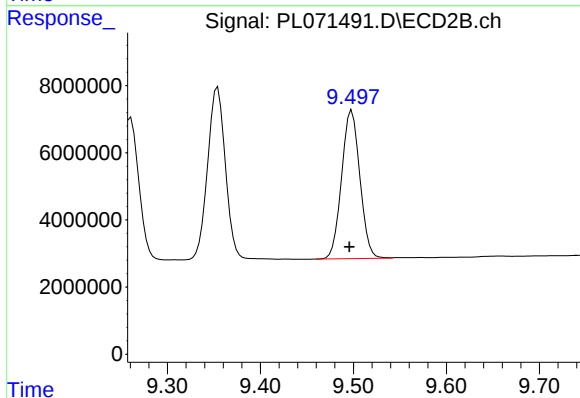
R.T.: 9.261 min  
Delta R.T.: 0.003 min  
Response: 58178518  
Conc: 77.24 ng/ml



#19 Endosulfan Sulfate

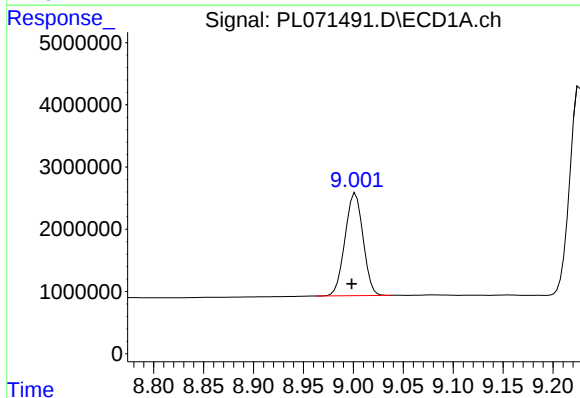
R.T.: 8.709 min  
Delta R.T.: 0.003 min  
Response: 31282669  
Conc: 54.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



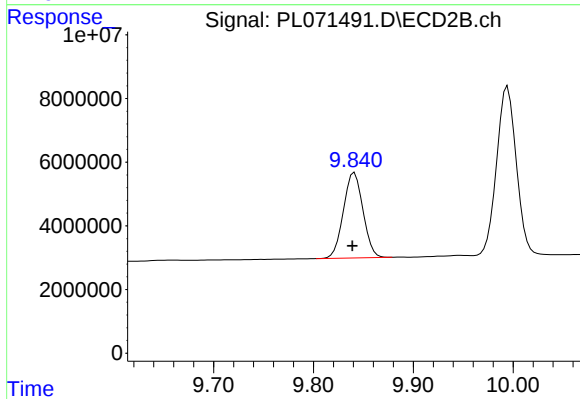
#19 Endosulfan Sulfate

R.T.: 9.498 min  
Delta R.T.: 0.003 min  
Response: 60243372  
Conc: 61.47 ng/ml



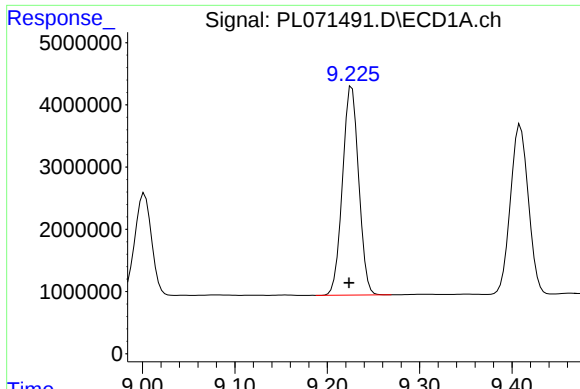
#20 Methoxychlor

R.T.: 9.002 min  
Delta R.T.: 0.004 min  
Response: 20766596  
Conc: 64.11 ng/ml



#20 Methoxychlor

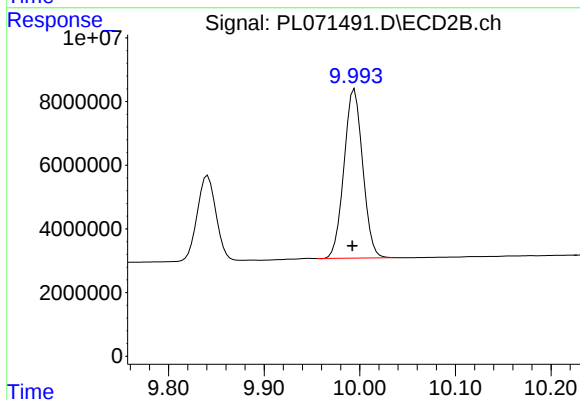
R.T.: 9.841 min  
Delta R.T.: 0.002 min  
Response: 36573814  
Conc: 72.86 ng/ml



#21 Endrin ketone

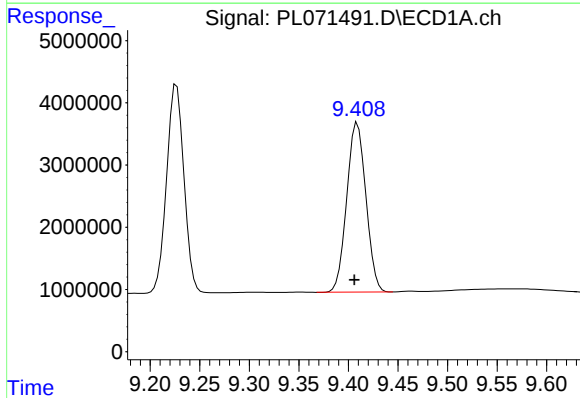
R.T.: 9.227 min  
Delta R.T.: 0.003 min  
Response: 40883057  
Conc: 61.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



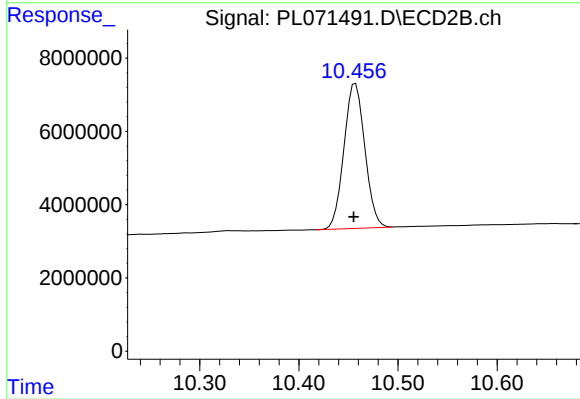
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: 0.002 min  
Response: 72381203  
Conc: 68.83 ng/ml



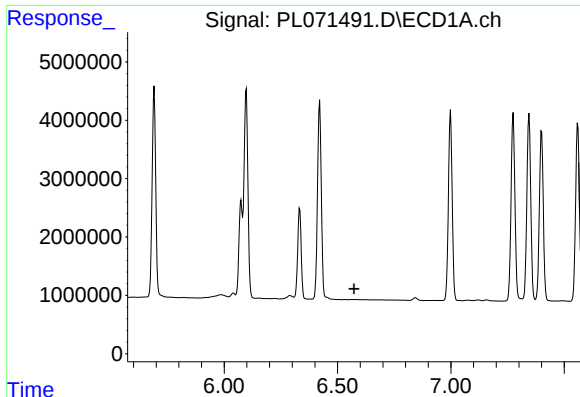
#22 Mirex

R.T.: 9.409 min  
Delta R.T.: 0.003 min  
Response: 36738810  
Conc: 63.32 ng/ml



#22 Mirex

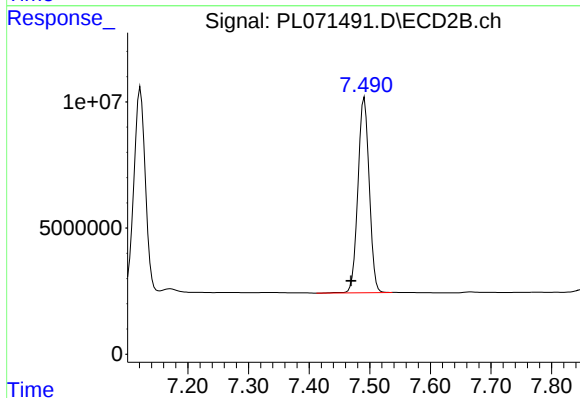
R.T.: 10.457 min  
Delta R.T.: 0.002 min  
Response: 58077990  
Conc: 72.16 ng/ml



#24 Chlordane-2

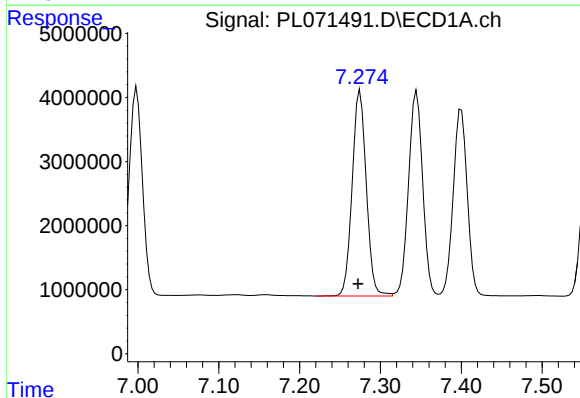
R.T.: 0.000 min  
Exp R.T.: 6.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



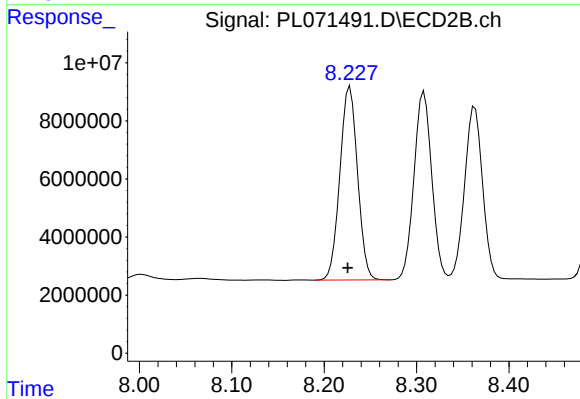
#24 Chlordane-2

R.T.: 7.491 min  
Delta R.T.: 0.022 min  
Response: 99897001  
Conc: 2118.30 ng/ml



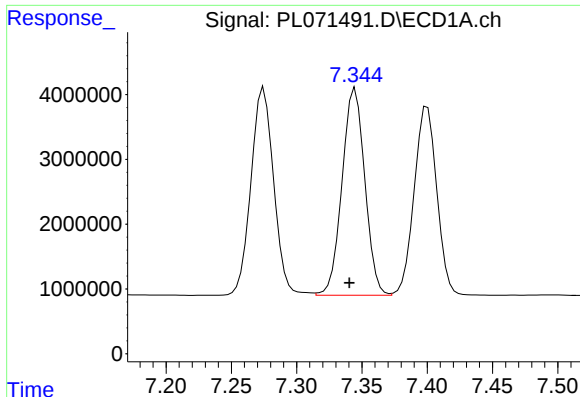
#25 Chlordane-3

R.T.: 7.275 min  
Delta R.T.: 0.002 min  
Response: 38907061  
Conc: 671.46 ng/ml



#25 Chlordane-3

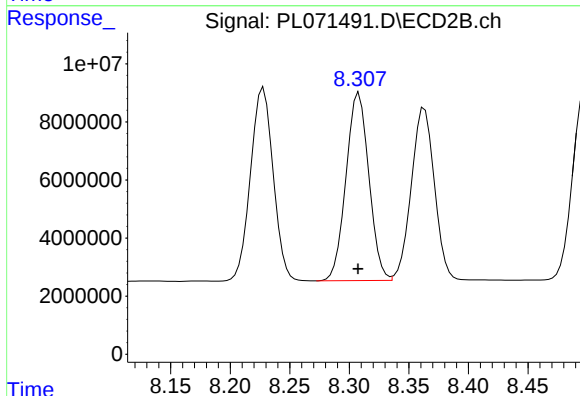
R.T.: 8.228 min  
Delta R.T.: 0.002 min  
Response: 88454093  
Conc: 505.29 ng/ml



#26 Chlordane-4

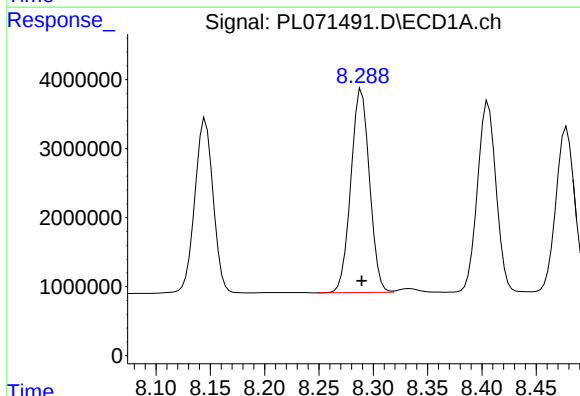
R.T.: 7.345 min  
Delta R.T.: 0.004 min  
Response: 38784837  
Conc: 624.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



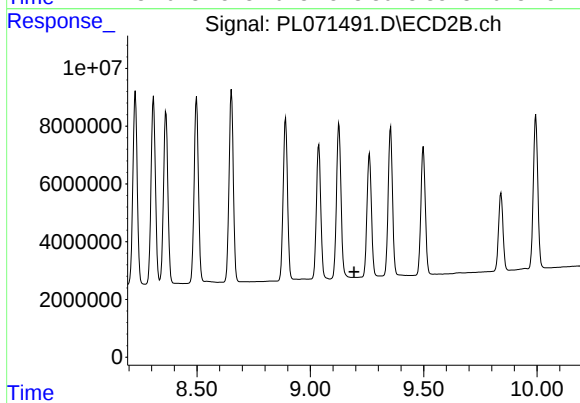
#26 Chlordane-4

R.T.: 8.308 min  
Delta R.T.: 0.000 min  
Response: 86485770  
Conc: 411.93 ng/ml



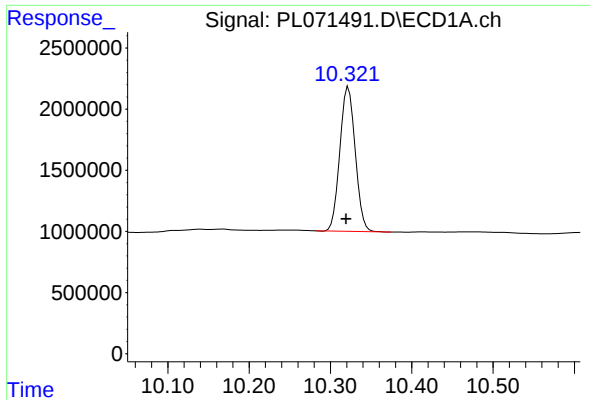
#27 Chlordane-5

R.T.: 8.289 min  
Delta R.T.: 0.000 min  
Response: 35200232  
Conc: 1646.00 ng/ml



#27 Chlordane-5

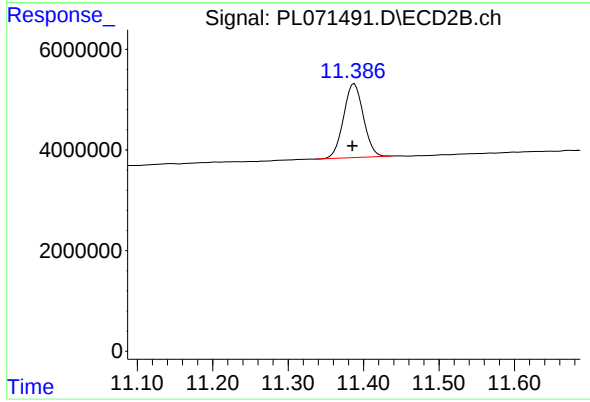
R.T.: 0.000 min  
Exp R.T. : 9.193 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.322 min  
Delta R.T.: 0.003 min  
Response: 15456374  
Conc: 23.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.388 min  
Delta R.T.: 0.003 min  
Response: 26785351  
Conc: 24.65 ng/ml