

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020722\  
 Data File : PL072499.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2022 22:37  
 Operator : AR\AJ  
 Sample : PCHLORICC250  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PCHLORICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 08 06:37:43 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... | 4.557  | 5.493  | 12800956 | 44447284 | 26.585  | 25.731    |
| 28)                         | SA Decachlor... | 10.318 | 11.386 | 20098075 | 41072588 | 26.548  | 25.901    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 5.268  | 6.071  | 211237   | 1515040  | 0.320   | 0.633 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 6.484  | 0        | 1039233  | N.D.    | 0.451 #   |
| 4)                          | MA Heptachlor   | 6.092  | 7.116  | 6973643  | 23125190 | 9.554   | 10.157    |
| 5)                          | MB Aldrin       | 6.418  | 7.467f | 49284    | 10390801 | 0.076   | 4.861 #   |
| 6)                          | B beta-BHC      | 6.092f | 6.719  | 6973643  | 1359452  | 28.143  | 1.334 #   |
| 7)                          | B delta-BHC     | 6.313f | 7.017f | 696366   | 1436835  | 1.052   | 0.627 #   |
| 8)                          | B Heptachlo...  | 6.998  | 7.944  | 41138    | 14438602 | 0.065   | 7.484 #   |
| 9)                          | A Endosulfan I  | 7.395  | 8.356  | 1458649  | 295660   | 2.493   | 0.169 #   |
| 10)                         | B gamma-Chl...  | 7.271  | 8.224  | 16684337 | 73842189 | 26.338  | 38.176 #  |
| 11)                         | B alpha-Chl...  | 7.338  | 8.306  | 18271846 | 89032204 | 28.694  | 46.860 #  |
| 12)                         | B 4,4'-DDE      | 7.541  | 8.475f | -6687    | 502663   | N.D.    | 0.269     |
| 13)                         | MA Dieldrin     | 7.697f | 8.641  | 71359    | 3233418  | 0.113   | 1.735 #   |
| 14)                         | MA Endrin       | 7.990f | 8.911f | 1685869  | 627330   | 2.878   | 0.398 #   |
| 15)                         | B Endosulfa...  | 8.288  | 9.132  | 6420434  | 948843   | 10.553  | 0.564 #   |
| 17)                         | MA 4,4'-DDT     | 8.398  | 9.350  | 63747    | 881030   | 0.118   | 0.576 #   |
| 18)                         | B Endrin al...  | 8.486  | 9.242f | 56878    | 503490   | 0.130   | 0.447 #   |
| 19)                         | B Endosulfa...  | 8.711  | 9.495  | 188037   | 123190   | 0.316   | 0.082 #   |
| 20)                         | A Methoxychlor  | 8.983  | 9.829  | 56759    | 154978   | 0.161   | 0.191     |
| 21)                         | B Endrin ke...  | 9.206f | 0.000  | 79103    | 0        | 0.115   | N.D. #    |
| 23)                         | Chlordane-1     | 5.882  | 6.874  | 4639247  | 17848094 | 249.960 | 248.799   |
| 24)                         | Chlordane-2     | 6.571  | 7.467  | 6437135  | 10390801 | 254.569 | 134.926 # |
| 25)                         | Chlordane-3     | 7.271  | 8.224  | 16684337 | 73842189 | 247.539 | 247.097   |
| 26)                         | Chlordane-4     | 7.338  | 8.306  | 18271846 | 89032204 | 249.017 | 249.533   |
| 27)                         | Chlordane-5     | 8.288  | 9.193  | 6420434  | 14579459 | 250.256 | 238.514   |
| -----                       |                 |        |        |          |          |         |           |

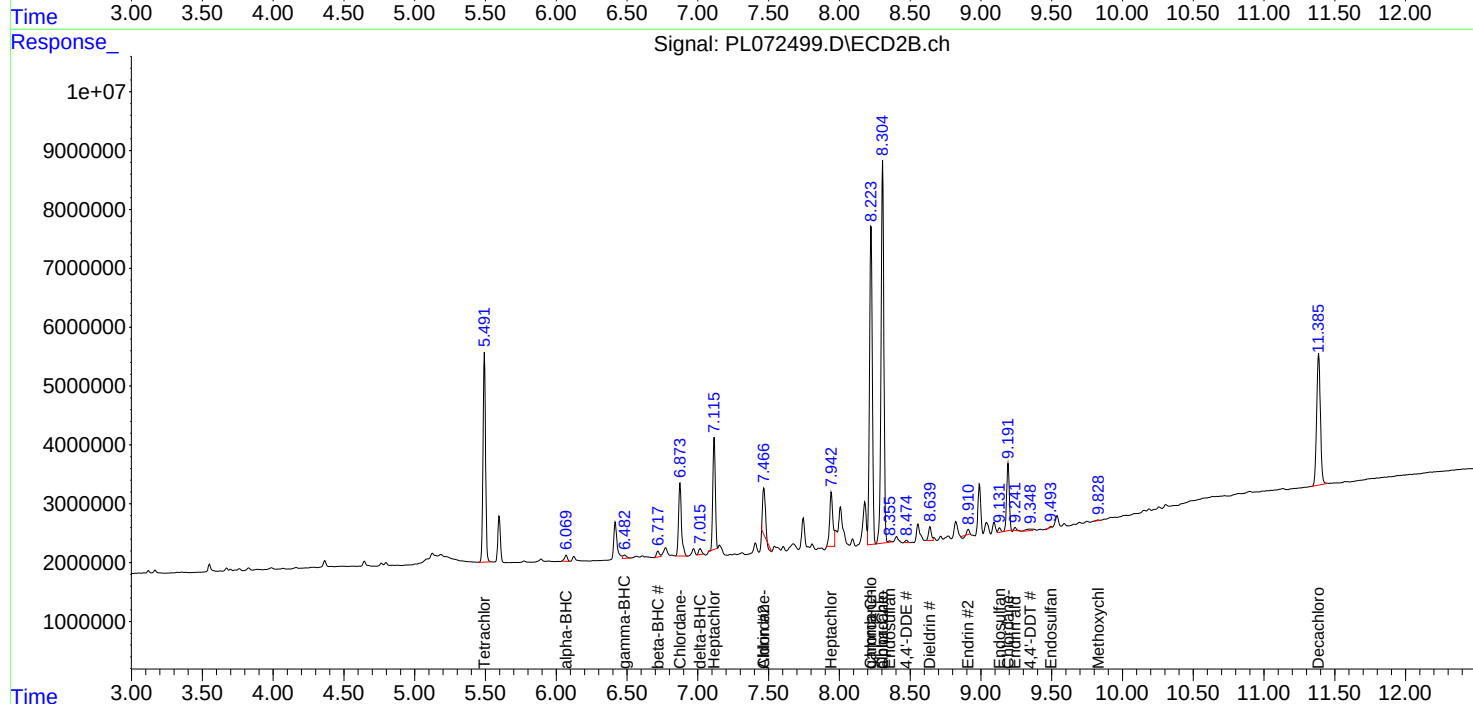
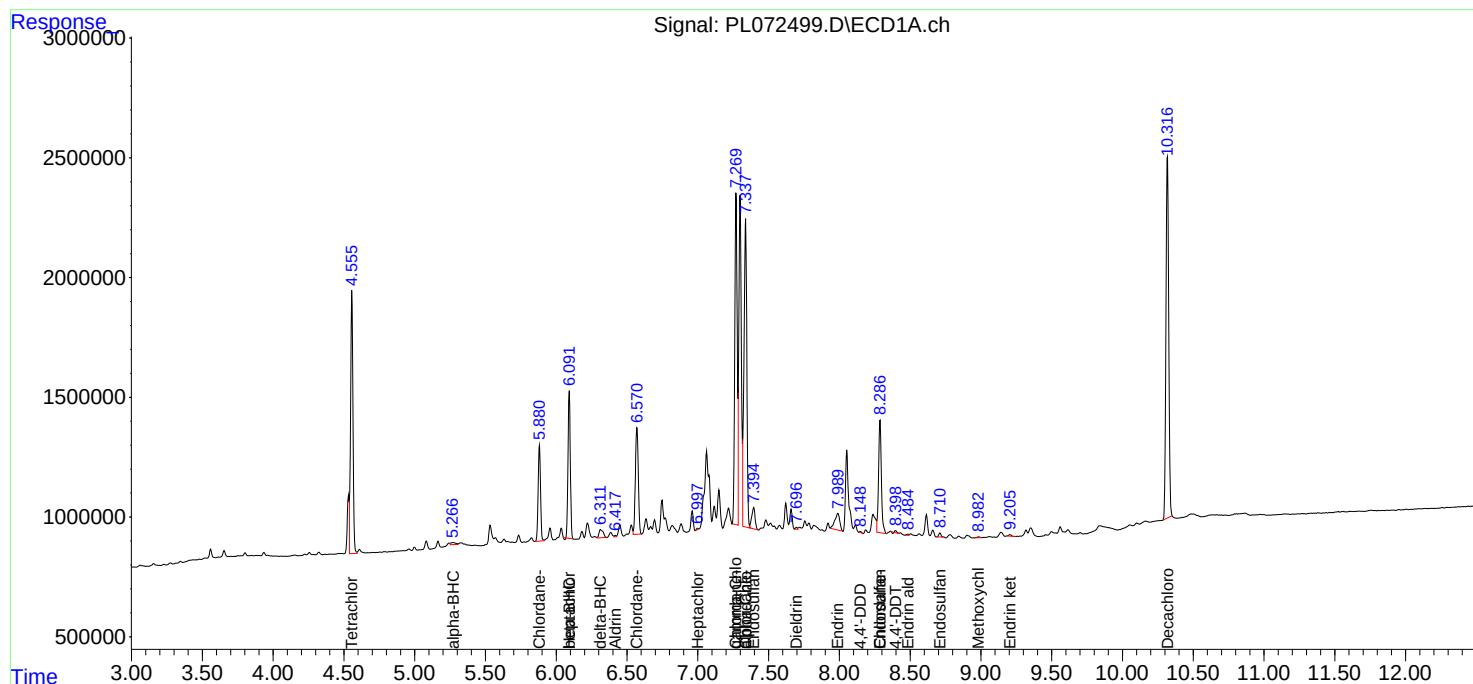
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

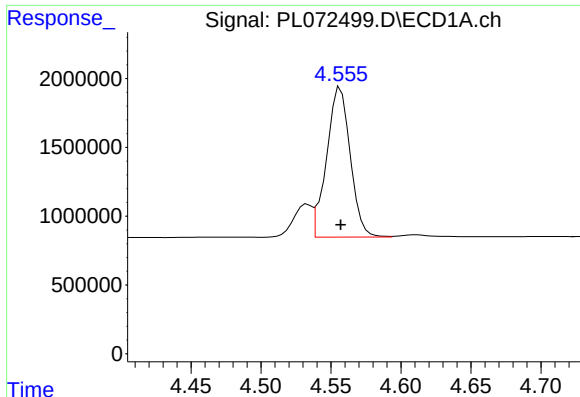
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020722\  
Data File : PL072499.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Feb 2022 22:37  
Operator : AR\AJ  
Sample : PCHLORICC250  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 08 06:37:43 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

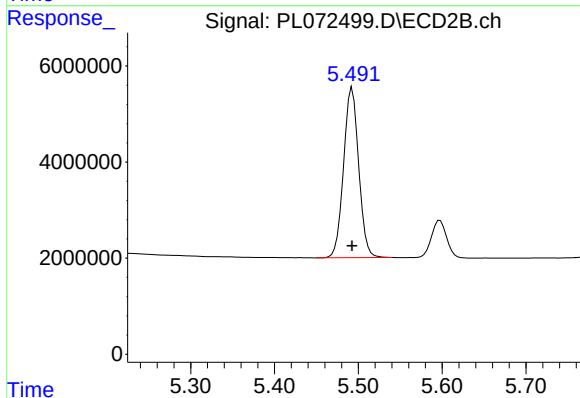




#1 Tetrachloro-m-xylene

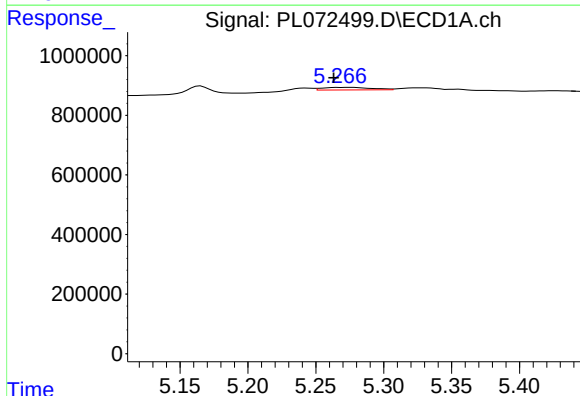
R.T.: 4.557 min  
Delta R.T.: 0.000 min  
Response: 12800956  
Conc: 26.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



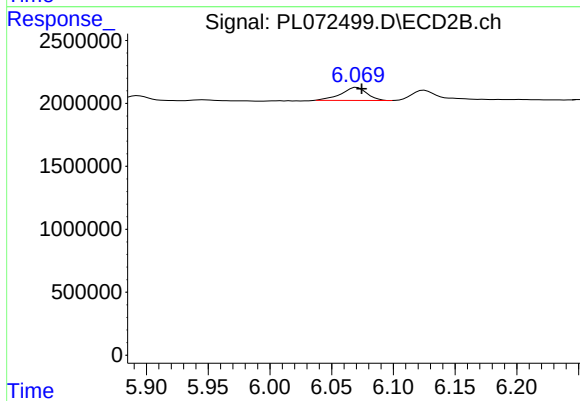
#1 Tetrachloro-m-xylene

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 44447284  
Conc: 25.73 ng/ml



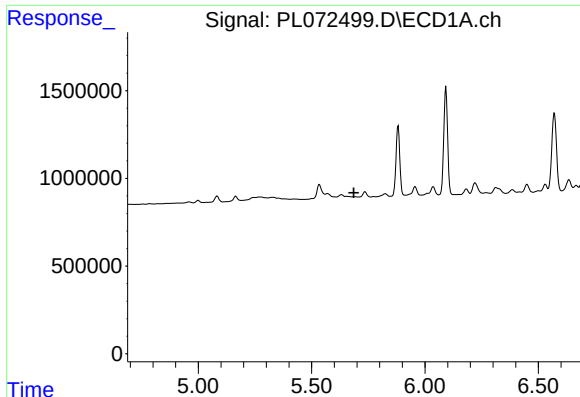
#2 alpha-BHC

R.T.: 5.268 min  
Delta R.T.: 0.004 min  
Response: 211237  
Conc: 0.32 ng/ml



#2 alpha-BHC

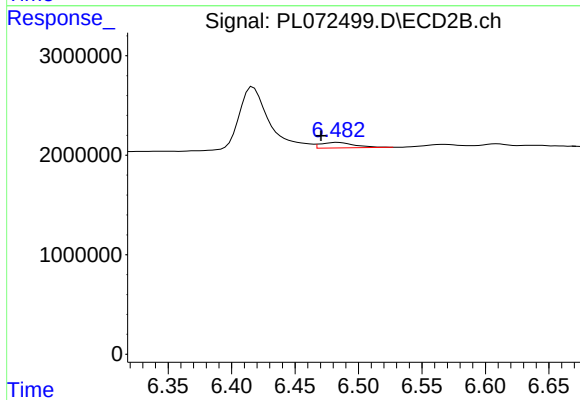
R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 1515040  
Conc: 0.63 ng/ml



#3 gamma-BHC (Lindane)

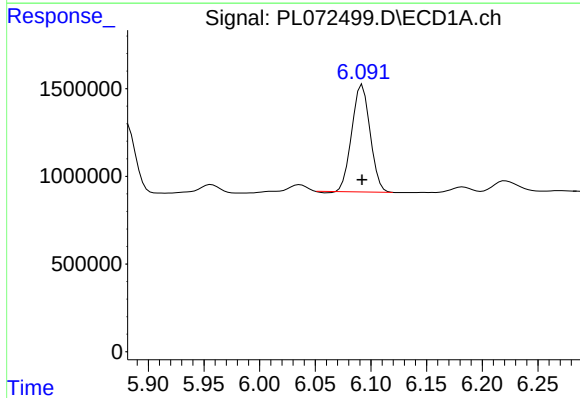
R.T.: 0.000 min  
Exp R.T.: 5.686 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



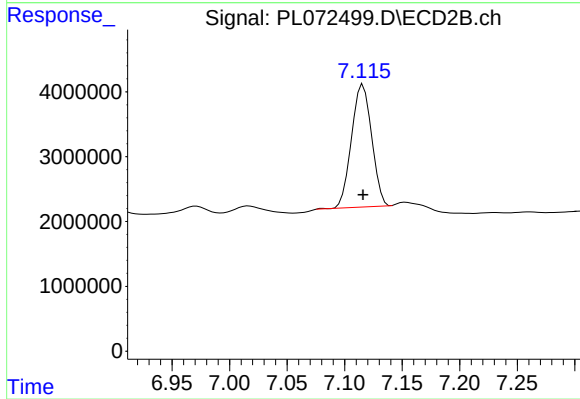
#3 gamma-BHC (Lindane)

R.T.: 6.484 min  
Delta R.T.: 0.013 min  
Response: 1039233  
Conc: 0.45 ng/ml



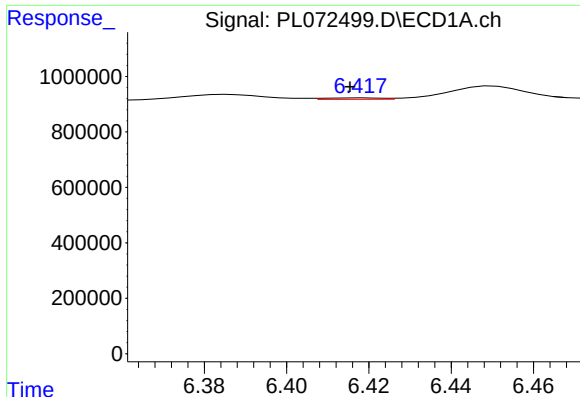
#4 Heptachlor

R.T.: 6.092 min  
Delta R.T.: 0.000 min  
Response: 6973643  
Conc: 9.55 ng/ml



#4 Heptachlor

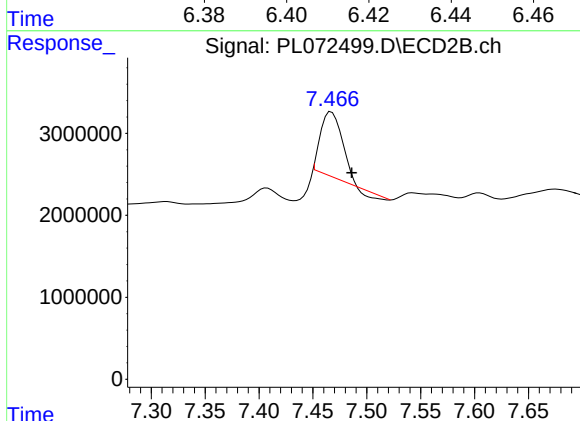
R.T.: 7.116 min  
Delta R.T.: 0.000 min  
Response: 23125190  
Conc: 10.16 ng/ml



#5 Aldrin

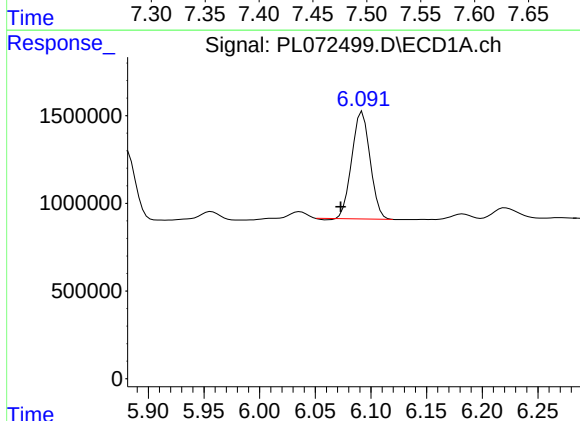
R.T.: 6.418 min  
Delta R.T.: 0.003 min  
Response: 49284  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



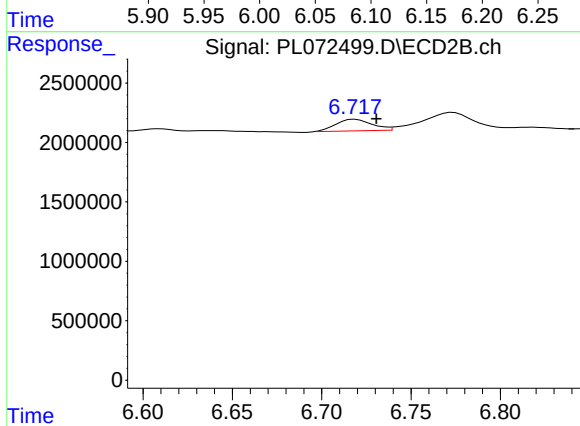
#5 Aldrin

R.T.: 7.467 min  
Delta R.T.: -0.019 min  
Response: 10390801  
Conc: 4.86 ng/ml



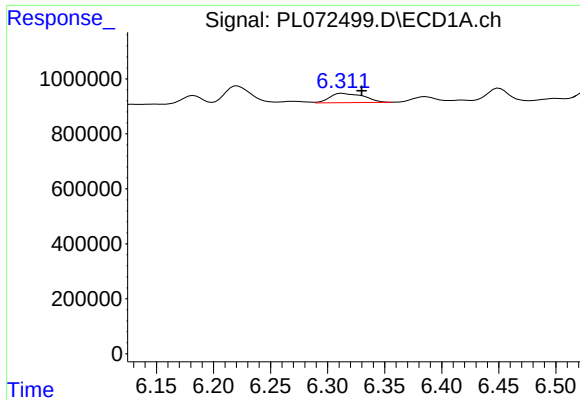
#6 beta-BHC

R.T.: 6.092 min  
Delta R.T.: 0.019 min  
Response: 6973643  
Conc: 28.14 ng/ml



#6 beta-BHC

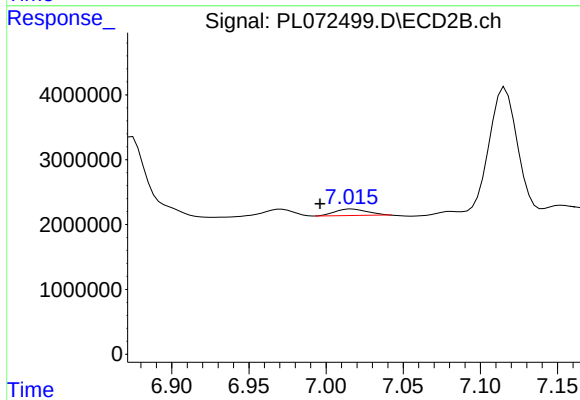
R.T.: 6.719 min  
Delta R.T.: -0.012 min  
Response: 1359452  
Conc: 1.33 ng/ml



#7 delta-BHC

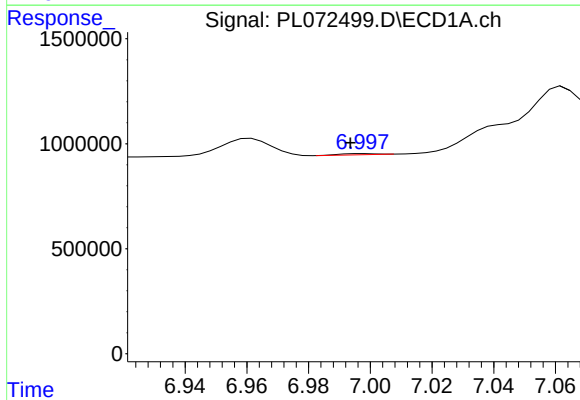
R.T.: 6.313 min  
Delta R.T.: -0.017 min  
Response: 696366  
Conc: 1.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



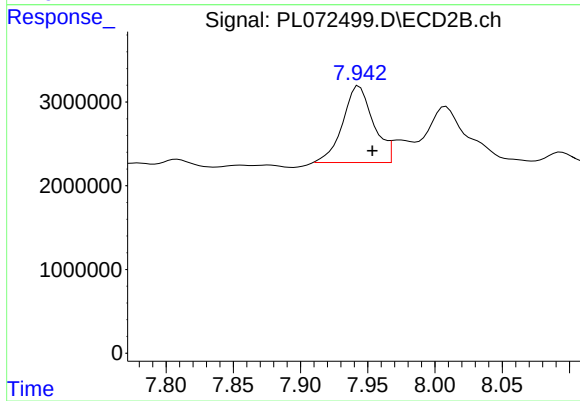
#7 delta-BHC

R.T.: 7.017 min  
Delta R.T.: 0.021 min  
Response: 1436835  
Conc: 0.63 ng/ml



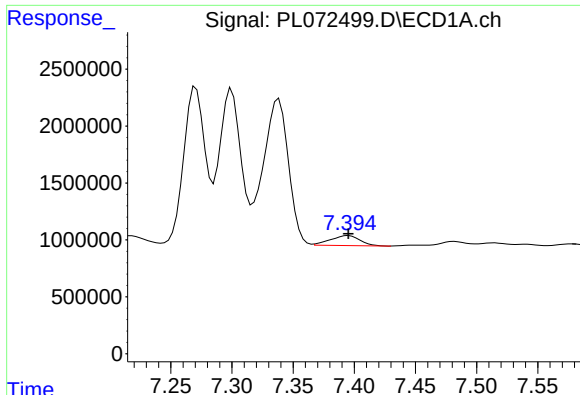
#8 Heptachlor epoxide

R.T.: 6.998 min  
Delta R.T.: 0.004 min  
Response: 41138  
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

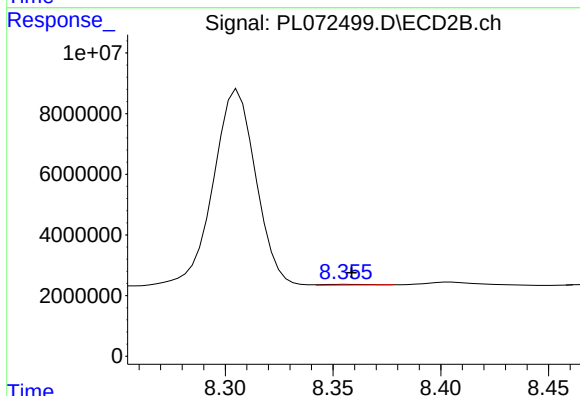
R.T.: 7.944 min  
Delta R.T.: -0.010 min  
Response: 14438602  
Conc: 7.48 ng/ml



#9 Endosulfan I

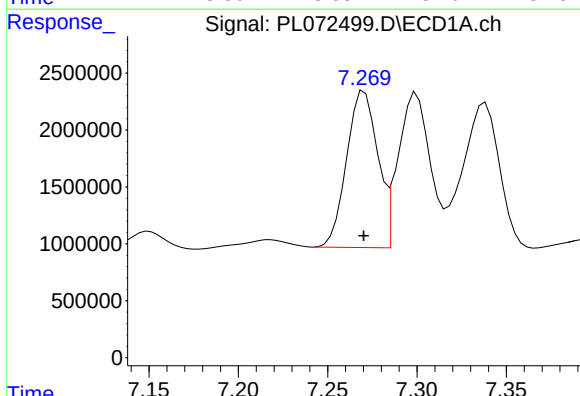
R.T.: 7.395 min  
Delta R.T.: 0.000 min  
Response: 1458649  
Conc: 2.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



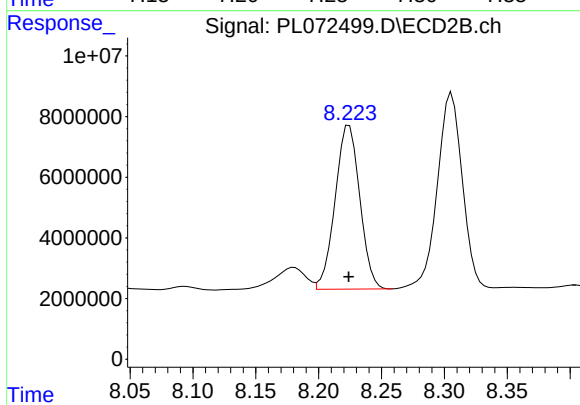
#9 Endosulfan I

R.T.: 8.356 min  
Delta R.T.: -0.003 min  
Response: 295660  
Conc: 0.17 ng/ml



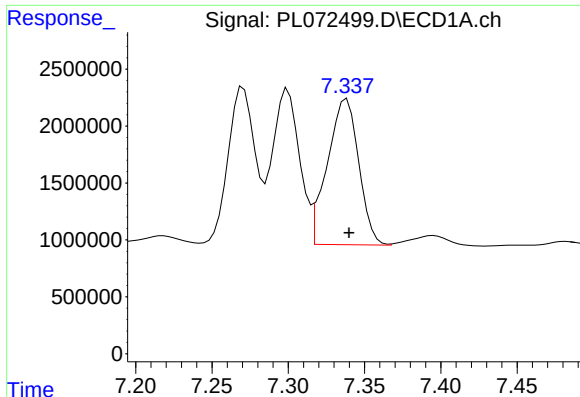
#10 gamma-Chlordane

R.T.: 7.271 min  
Delta R.T.: 0.000 min  
Response: 16684337  
Conc: 26.34 ng/ml



#10 gamma-Chlordane

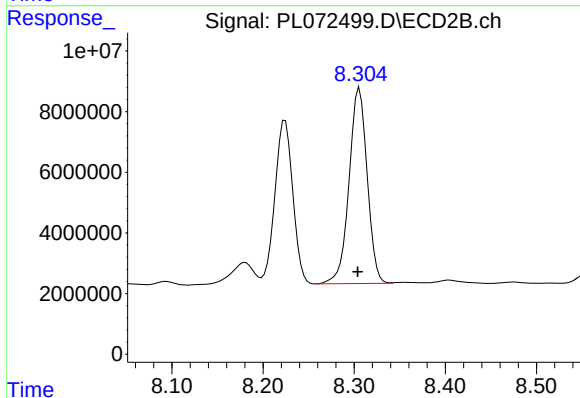
R.T.: 8.224 min  
Delta R.T.: 0.000 min  
Response: 73842189  
Conc: 38.18 ng/ml



#11 alpha-Chlordane

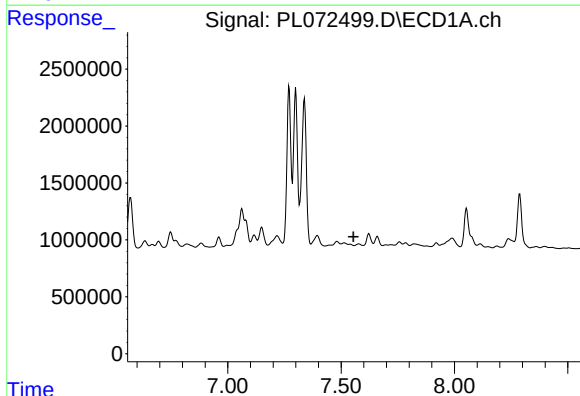
R.T.: 7.338 min  
Delta R.T.: -0.001 min  
Response: 18271846  
Conc: 28.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



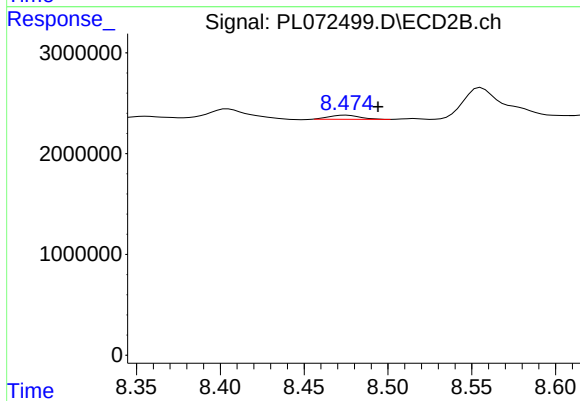
#11 alpha-Chlordane

R.T.: 8.306 min  
Delta R.T.: 0.002 min  
Response: 89032204  
Conc: 46.86 ng/ml



#12 4,4'-DDE

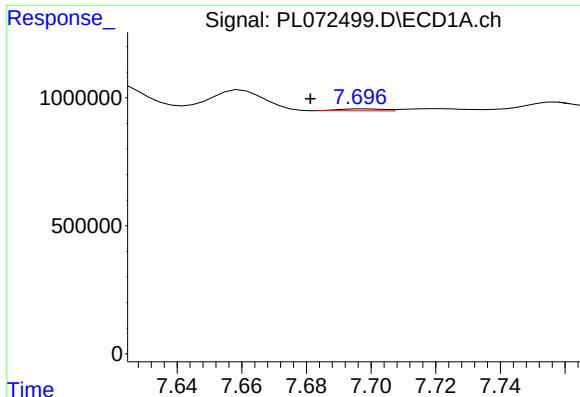
R.T.: 7.541 min  
Delta R.T.: -0.014 min  
Response: -6687  
Conc: N.D.



#12 4,4'-DDE

R.T.: 8.475 min  
Delta R.T.: -0.019 min  
Response: 502663  
Conc: 0.27 ng/ml

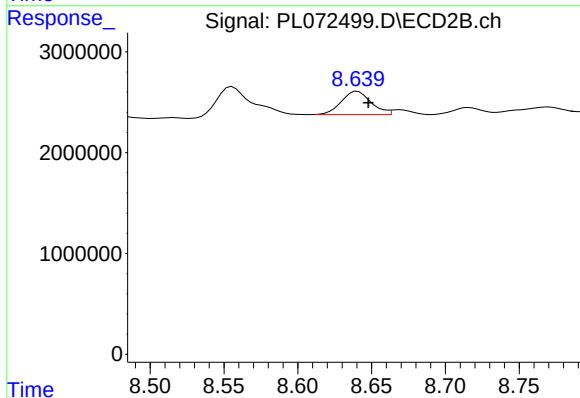




#13 Dieldrin

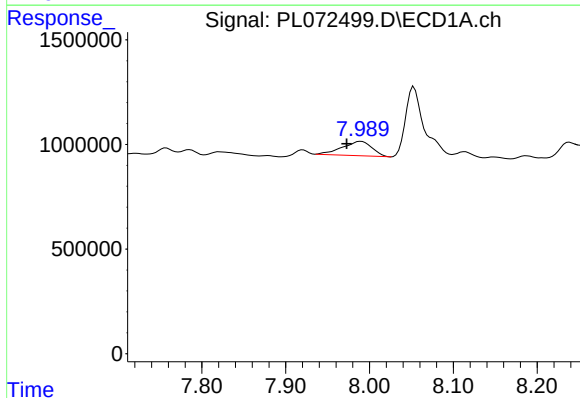
R.T.: 7.697 min  
Delta R.T.: 0.016 min  
Response: 71359  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



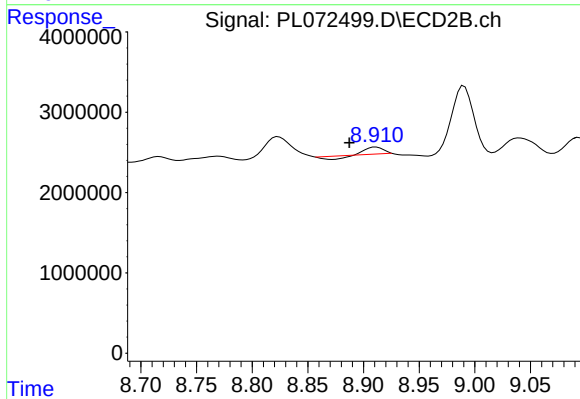
#13 Dieldrin

R.T.: 8.641 min  
Delta R.T.: -0.007 min  
Response: 3233418  
Conc: 1.73 ng/ml



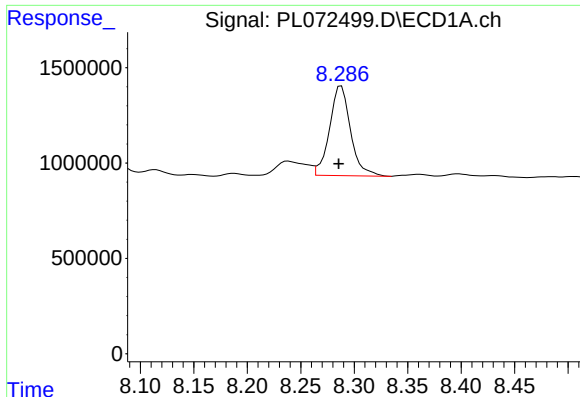
#14 Endrin

R.T.: 7.990 min  
Delta R.T.: 0.017 min  
Response: 1685869  
Conc: 2.88 ng/ml



#14 Endrin

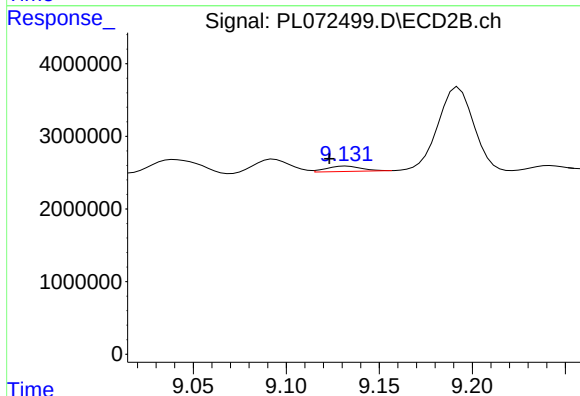
R.T.: 8.911 min  
Delta R.T.: 0.024 min  
Response: 627330  
Conc: 0.40 ng/ml



#15 Endosulfan II

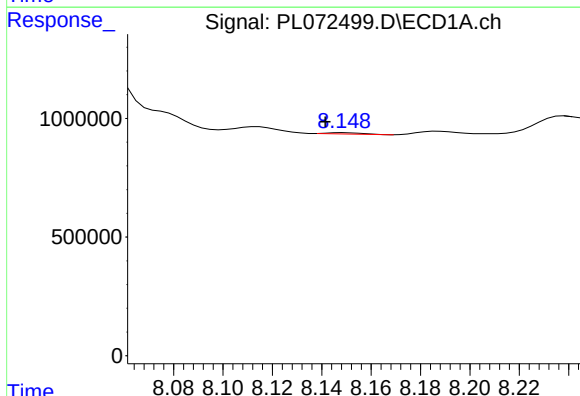
R.T.: 8.288 min  
Delta R.T.: 0.002 min  
Response: 6420434  
Conc: 10.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



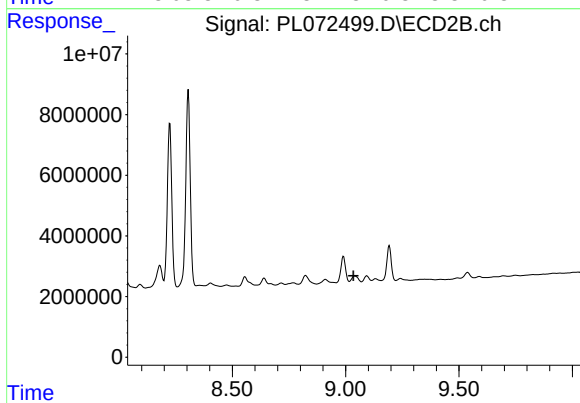
#15 Endosulfan II

R.T.: 9.132 min  
Delta R.T.: 0.009 min  
Response: 948843  
Conc: 0.56 ng/ml



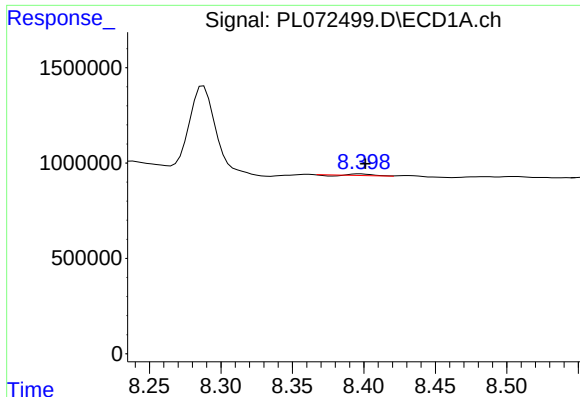
#16 4,4'-DDD

R.T.: 8.149 min  
Delta R.T.: 0.007 min  
Response: 53916  
Conc: 0.11 ng/ml



#16 4,4'-DDD

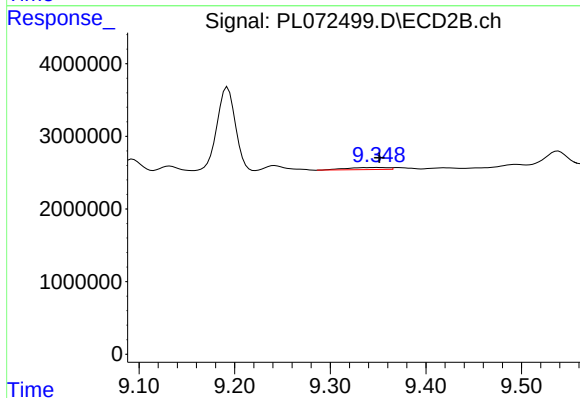
R.T.: 9.040 min  
Delta R.T.: 0.005 min  
Response: -1784053  
Conc: N.D.



#17 4,4'-DDT

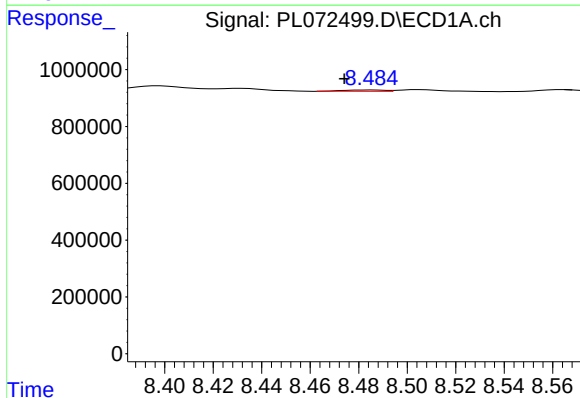
R.T.: 8.398 min  
Delta R.T.: -0.004 min  
Response: 63747  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



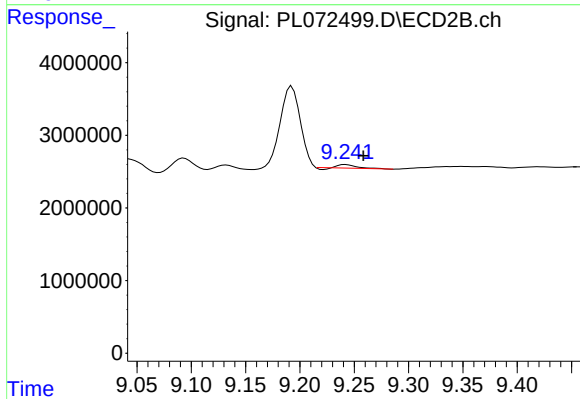
#17 4,4'-DDT

R.T.: 9.350 min  
Delta R.T.: -0.002 min  
Response: 881030  
Conc: 0.58 ng/ml



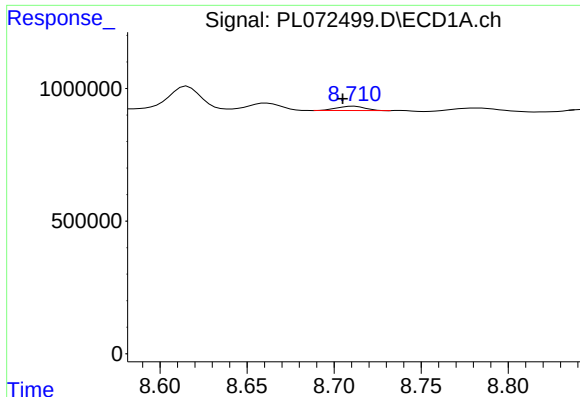
#18 Endrin aldehyde

R.T.: 8.486 min  
Delta R.T.: 0.012 min  
Response: 56878  
Conc: 0.13 ng/ml



#18 Endrin aldehyde

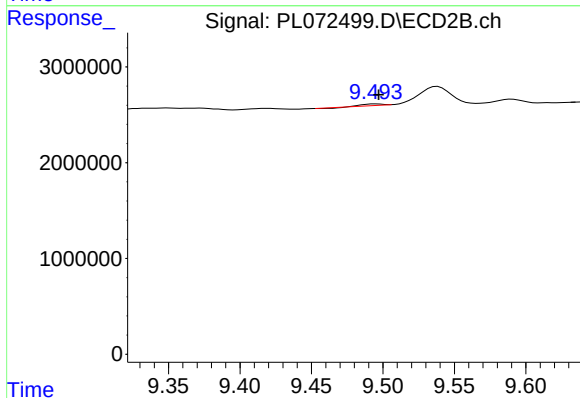
R.T.: 9.242 min  
Delta R.T.: -0.016 min  
Response: 503490  
Conc: 0.45 ng/ml



#19 Endosulfan Sulfate

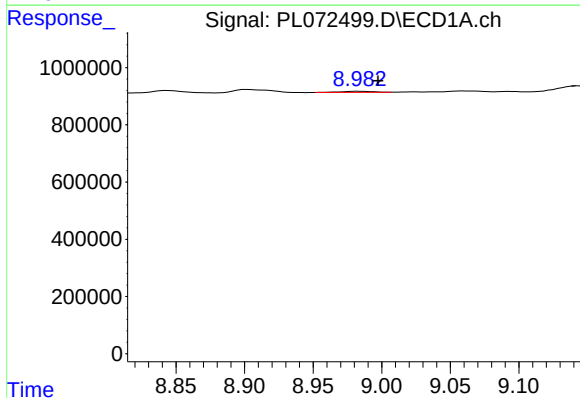
R.T.: 8.711 min  
Delta R.T.: 0.006 min  
Response: 188037  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



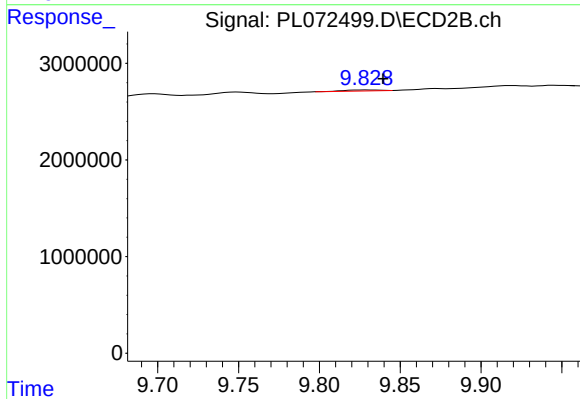
#19 Endosulfan Sulfate

R.T.: 9.495 min  
Delta R.T.: -0.002 min  
Response: 123190  
Conc: 0.08 ng/ml



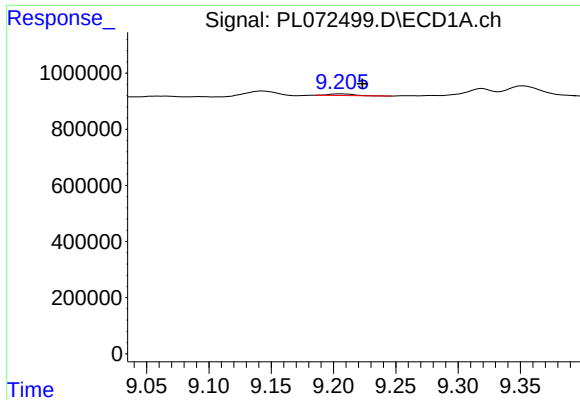
#20 Methoxychlor

R.T.: 8.983 min  
Delta R.T.: -0.014 min  
Response: 56759  
Conc: 0.16 ng/ml



#20 Methoxychlor

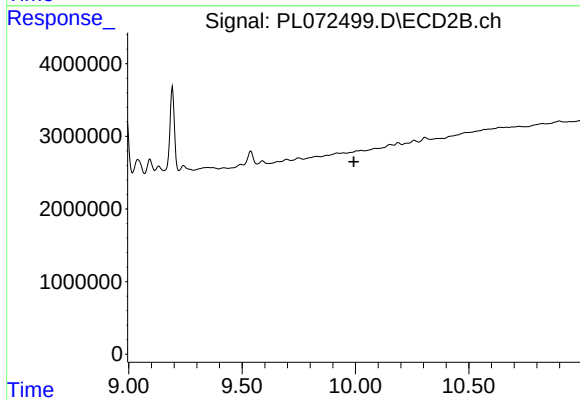
R.T.: 9.829 min  
Delta R.T.: -0.011 min  
Response: 154978  
Conc: 0.19 ng/ml



#21 Endrin ketone

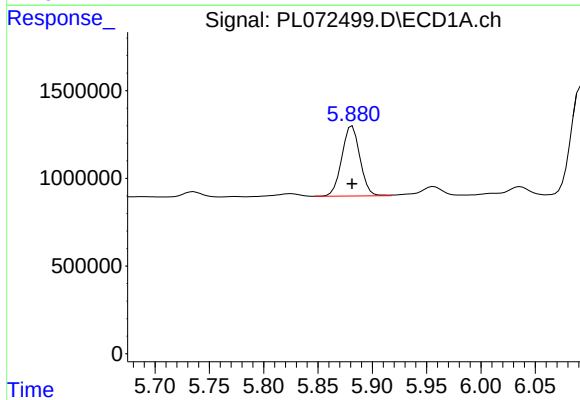
R.T.: 9.206 min  
Delta R.T.: -0.018 min  
Response: 79103  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



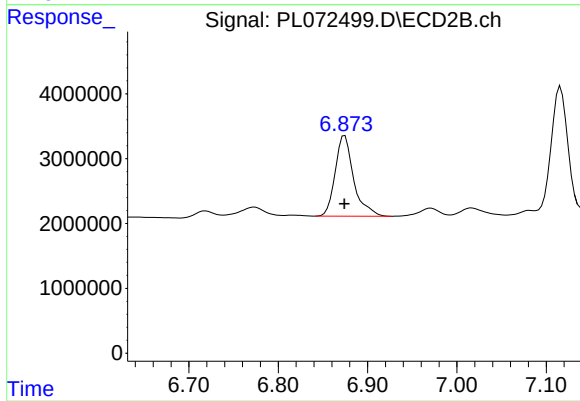
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 9.993 min  
Response: 0  
Conc: N.D.



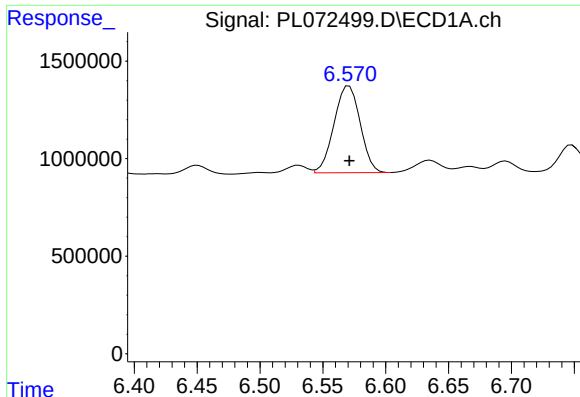
#23 Chlordane-1

R.T.: 5.882 min  
Delta R.T.: 0.000 min  
Response: 4639247  
Conc: 249.96 ng/ml



#23 Chlordane-1

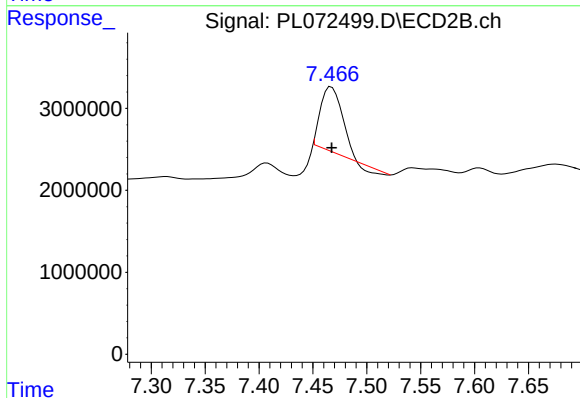
R.T.: 6.874 min  
Delta R.T.: 0.000 min  
Response: 17848094  
Conc: 248.80 ng/ml



#24 Chlordane-2

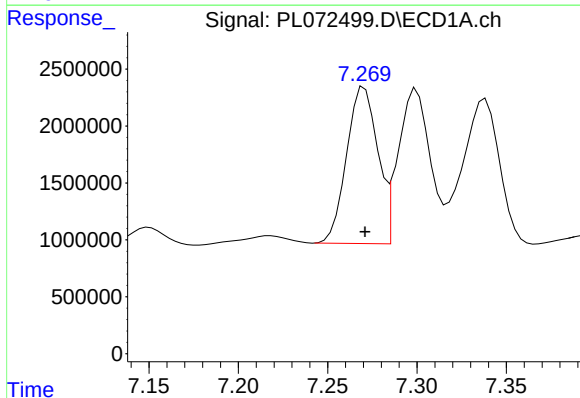
R.T.: 6.571 min  
Delta R.T.: 0.000 min  
Response: 6437135  
Conc: 254.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



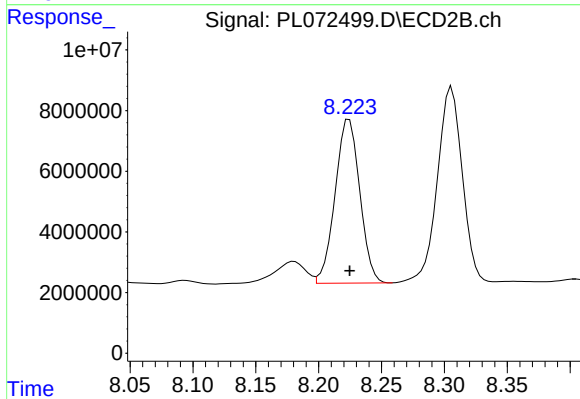
#24 Chlordane-2

R.T.: 7.467 min  
Delta R.T.: 0.000 min  
Response: 10390801  
Conc: 134.93 ng/ml



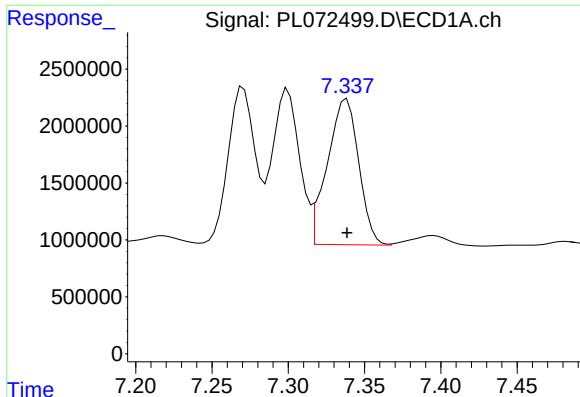
#25 Chlordane-3

R.T.: 7.271 min  
Delta R.T.: 0.000 min  
Response: 16684337  
Conc: 247.54 ng/ml



#25 Chlordane-3

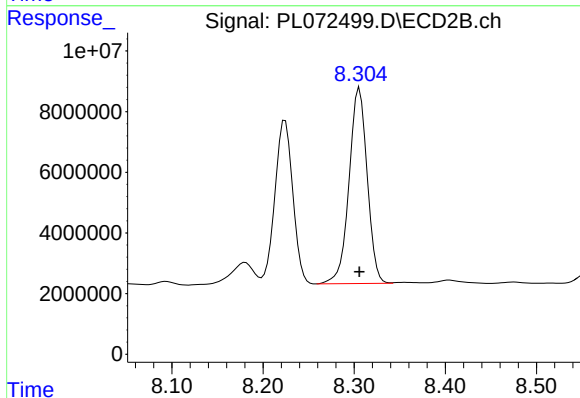
R.T.: 8.224 min  
Delta R.T.: 0.000 min  
Response: 73842189  
Conc: 247.10 ng/ml



#26 Chlordane-4

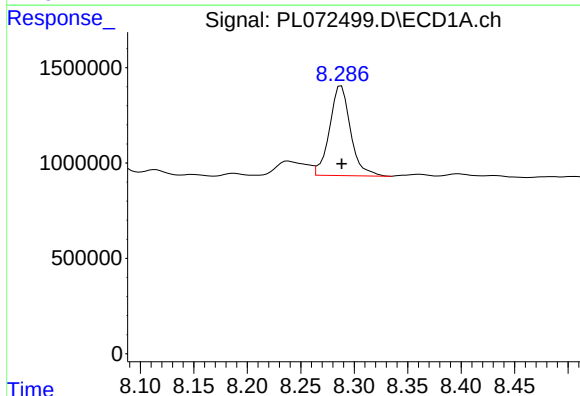
R.T.: 7.338 min  
Delta R.T.: 0.000 min  
Response: 18271846  
Conc: 249.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



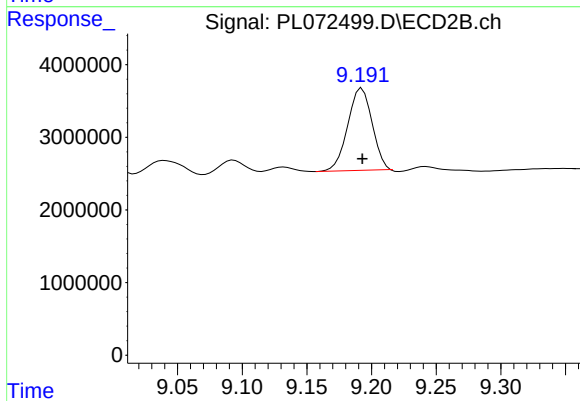
#26 Chlordane-4

R.T.: 8.306 min  
Delta R.T.: 0.000 min  
Response: 89032204  
Conc: 249.53 ng/ml



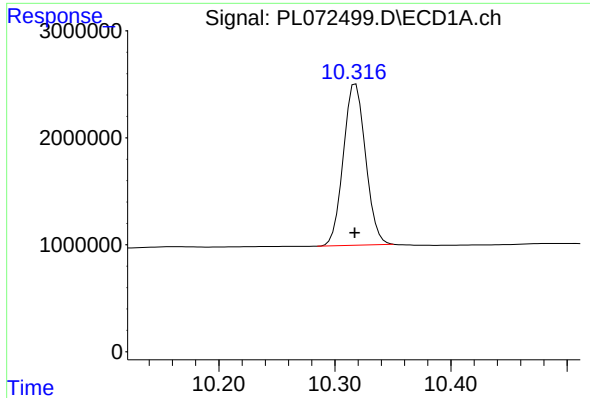
#27 Chlordane-5

R.T.: 8.288 min  
Delta R.T.: 0.000 min  
Response: 6420434  
Conc: 250.26 ng/ml



#27 Chlordane-5

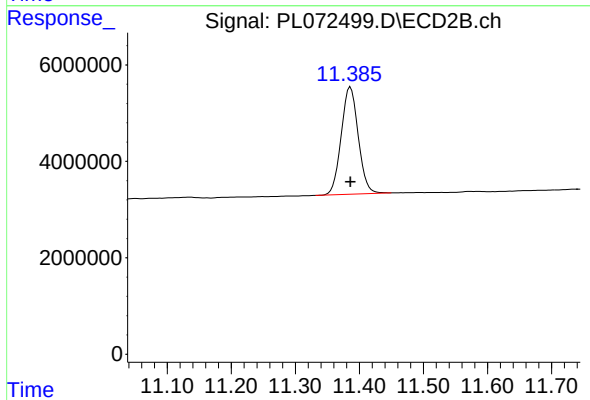
R.T.: 9.193 min  
Delta R.T.: 0.000 min  
Response: 14579459  
Conc: 238.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.318 min  
Delta R.T.: 0.000 min  
Response: 20098075  
Conc: 26.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC250



#28 Decachlorobiphenyl

R.T.: 11.386 min  
Delta R.T.: 0.000 min  
Response: 41072588  
Conc: 25.90 ng/ml