

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
 Data File : PL069123.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2021 14:33  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 08:20:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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... | 4.635  | 5.569   | 20375249 | 54680313 | 49.258  | 53.854   |
| 28)                         | SA Decachlor... | 10.404 | 11.492  | 26398153 | 48621325 | 45.934  | 50.113   |
| Target Compounds            |                 |        |         |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 6.148   | 0        | 1263012  | N.D.    | 0.927 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 6.561   | 0        | 423891   | N.D.    | 0.326 #  |
| 4)                          | MA Heptachlor   | 6.175  | 7.194   | 11874097 | 24004133 | 20.217  | 17.881   |
| 5)                          | MB Aldrin       | 6.533f | 7.545f  | 823929   | 21653789 | 1.541   | 17.941 # |
| 6)                          | B beta-BHC      | 6.175f | 6.796   | 11874097 | 1180912  | 42.122  | 1.823 #  |
| 7)                          | B delta-BHC     | 6.393f | 0.000   | 1067662  | 0        | 1.990   | N.D. #   |
| 8)                          | B Heptachlor... | 0.000  | 8.020   | 0        | 15802996 | N.D.    | 13.670 # |
| 9)                          | A Endosulfan I  | 7.477  | 8.434   | 2352101  | 301791   | 4.633   | 0.286 #  |
| 10)                         | B gamma-Chl...  | 7.354  | 8.302   | 24125929 | 78451596 | 44.022  | 68.501 # |
| 11)                         | B alpha-Chl...  | 7.423  | 8.384   | 25651117 | 94409956 | 46.608  | 82.207 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 8.553f  | 0        | 793615   | N.D.    | 0.751 #  |
| 13)                         | MA Dieldrin     | 7.746f | 8.721   | 957911   | 4565266  | 1.852   | 4.213 #  |
| 14)                         | MA Endrin       | 8.079  | 8.986f  | 3382004  | 961368   | 7.018   | 1.059 #  |
| 15)                         | B Endosulfa...  | 8.373  | 9.209   | 9115644  | 749387   | 19.003  | 0.817 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 9.432   | 0        | 503310   | N.D.    | 0.532 #  |
| 18)                         | B Endrin al...  | 0.000  | 9.318f  | 0        | 1304500  | N.D.    | 1.862 #  |
| 19)                         | B Endosulfa...  | 8.791  | 9.570   | 384840   | 293212   | 0.748   | 0.322 #  |
| 21)                         | B Endrin ke...  | 0.000  | 10.099f | 0        | 861972   | N.D.    | 0.847 #  |
| 22)                         | Mirex           | 0.000  | 10.562f | 0        | 278613   | N.D.    | 0.352 #  |
| 23)                         | Chlordane-1     | 5.965  | 6.953   | 6752942  | 19859635 | 464.206 | 470.952  |
| 24)                         | Chlordane-2     | 6.653  | 7.545   | 9612700  | 21653789 | 457.891 | 499.757  |
| 25)                         | Chlordane-3     | 7.354  | 8.302   | 24125929 | 78451596 | 459.956 | 480.250  |
| 26)                         | Chlordane-4     | 7.423  | 8.384   | 25651117 | 94409956 | 460.867 | 476.042  |
| 27)                         | Chlordane-5     | 8.373  | 9.272   | 9115644  | 16225540 | 442.050 | 468.433  |
| -----                       |                 |        |         |          |          |         |          |

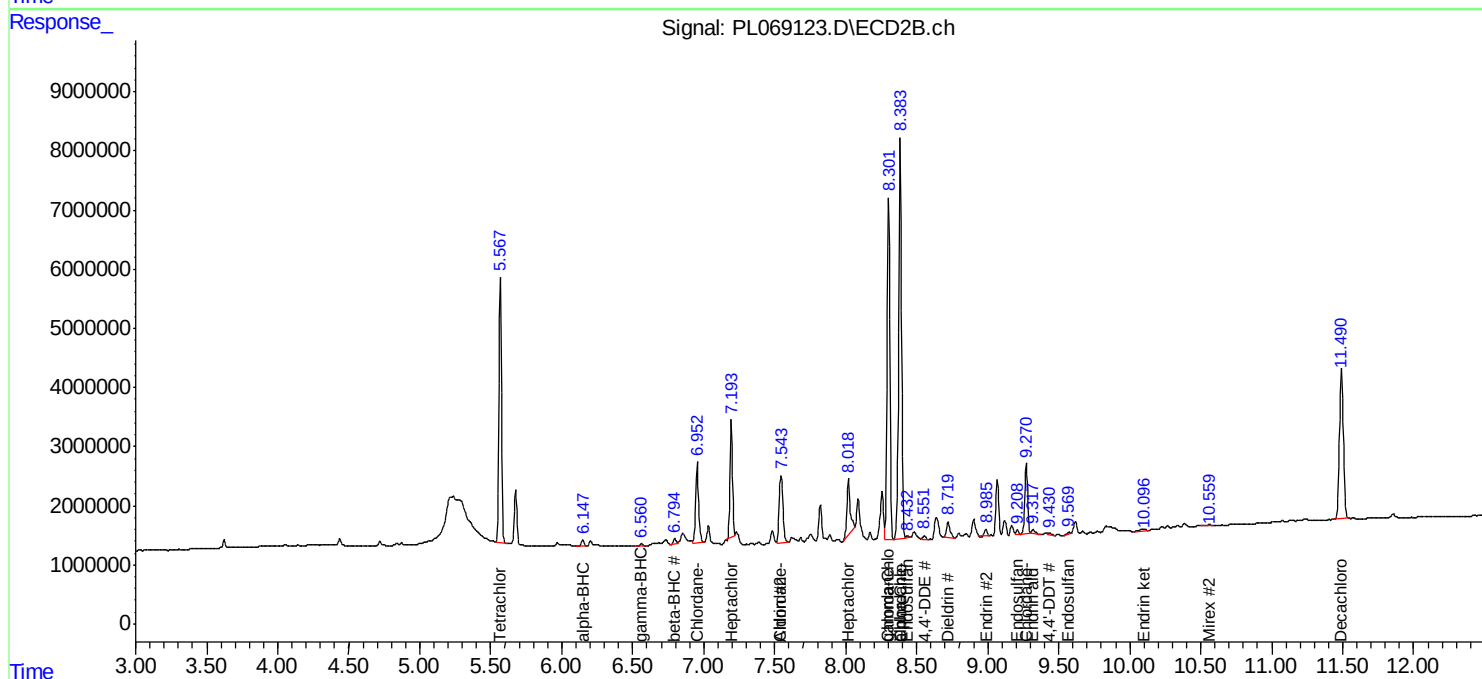
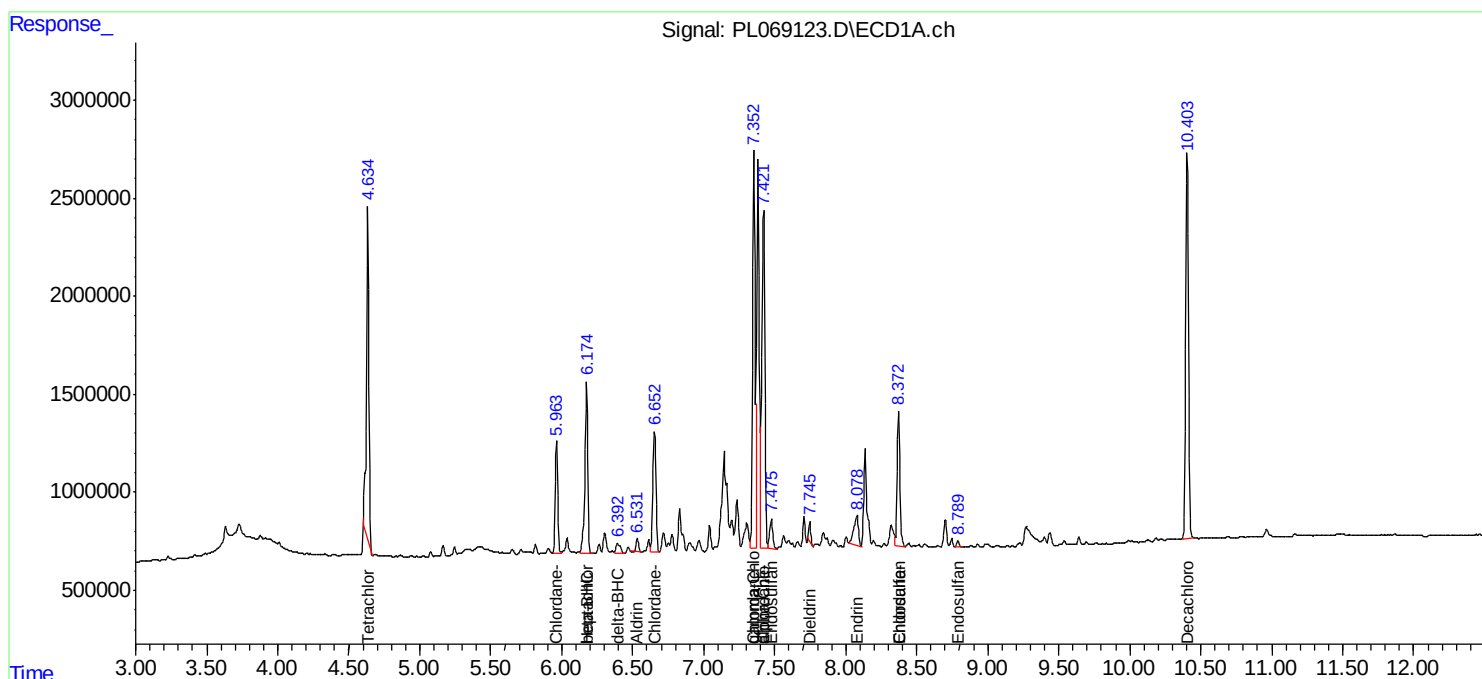
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

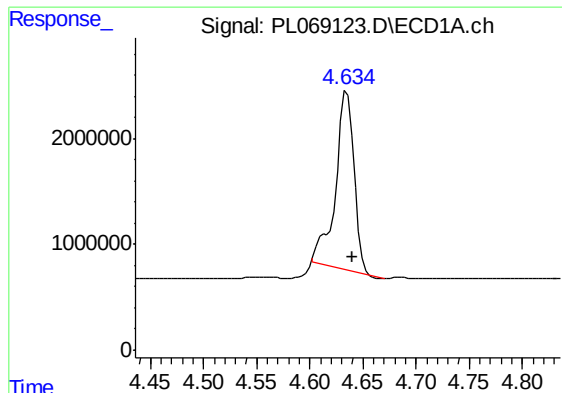
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
Data File : PL069123.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2021 14:33  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_S  
ClientSampled :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 08:20:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 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

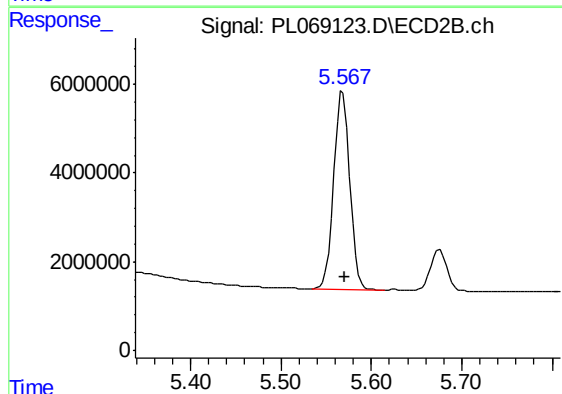




#1 Tetrachloro-m-xylene

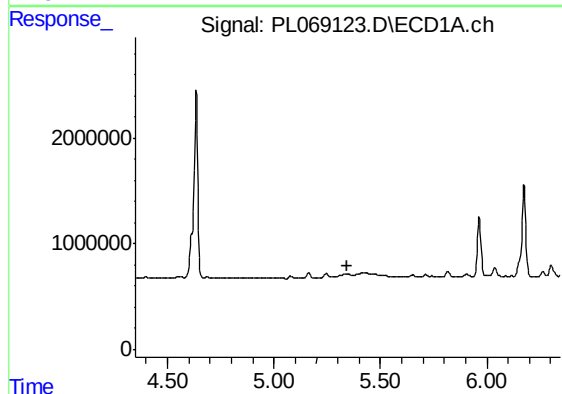
R.T.: 4.635 min  
Delta R.T.: -0.005 min  
Response: 20375249  
Conc: 49.26 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



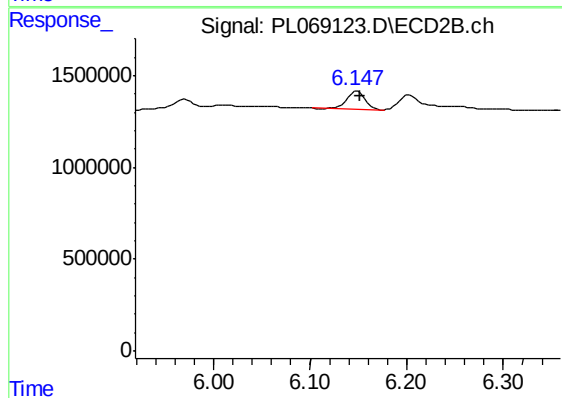
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: -0.002 min  
Response: 54680313  
Conc: 53.85 ng/ml



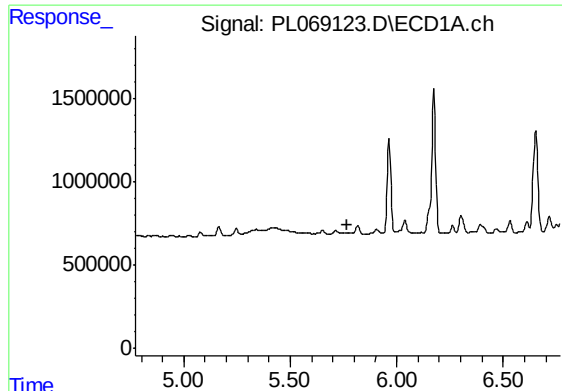
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 5.347 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

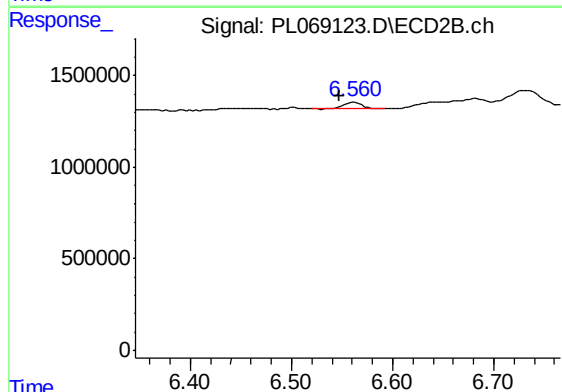
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 1263012  
Conc: 0.93 ng/ml



#3 gamma-BHC (Lindane)

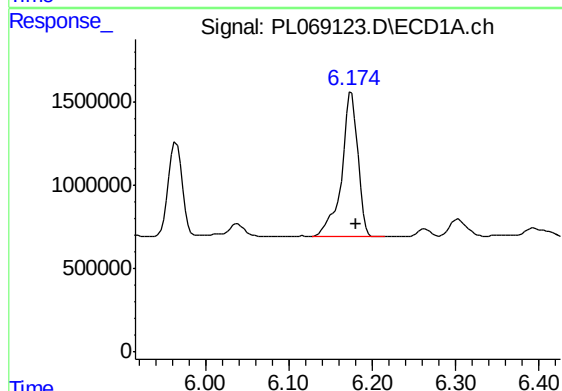
R.T.: 0.000 min  
Exp R.T.: 5.770 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



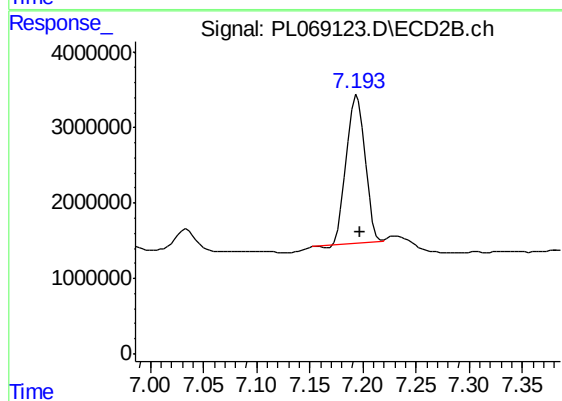
#3 gamma-BHC (Lindane)

R.T.: 6.561 min  
Delta R.T.: 0.015 min  
Response: 423891  
Conc: 0.33 ng/ml



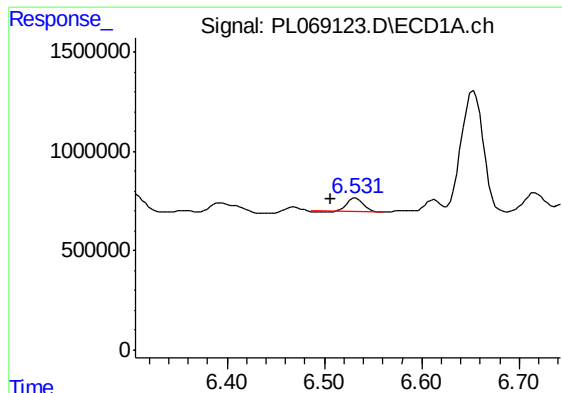
#4 Heptachlor

R.T.: 6.175 min  
Delta R.T.: -0.005 min  
Response: 11874097  
Conc: 20.22 ng/ml



#4 Heptachlor

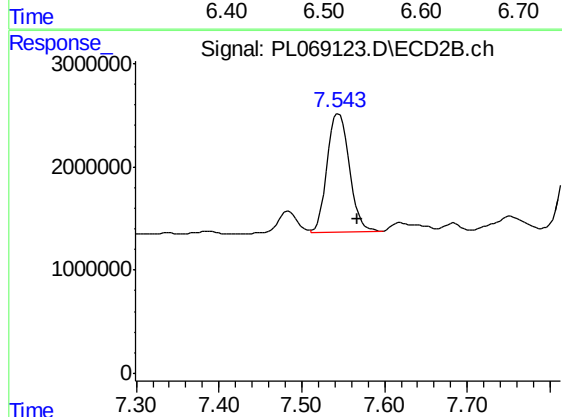
R.T.: 7.194 min  
Delta R.T.: -0.003 min  
Response: 24004133  
Conc: 17.88 ng/ml



#5 Aldrin

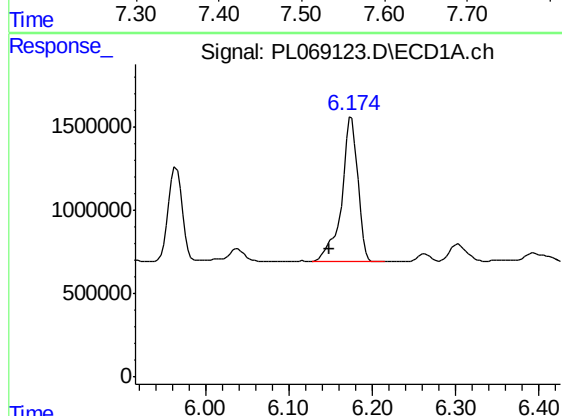
R.T.: 6.533 min  
Delta R.T.: 0.026 min  
Response: 823929  
Conc: 1.54 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



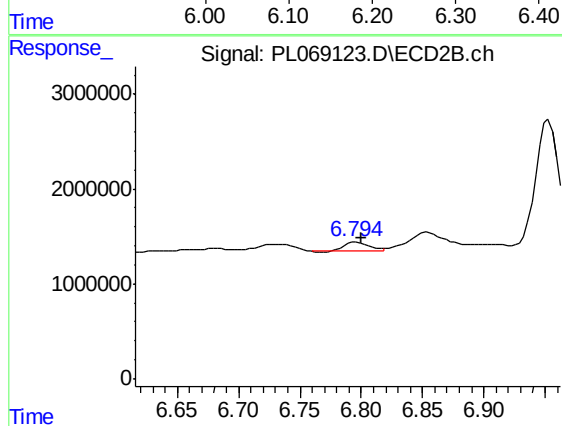
#5 Aldrin

R.T.: 7.545 min  
Delta R.T.: -0.023 min  
Response: 21653789  
Conc: 17.94 ng/ml



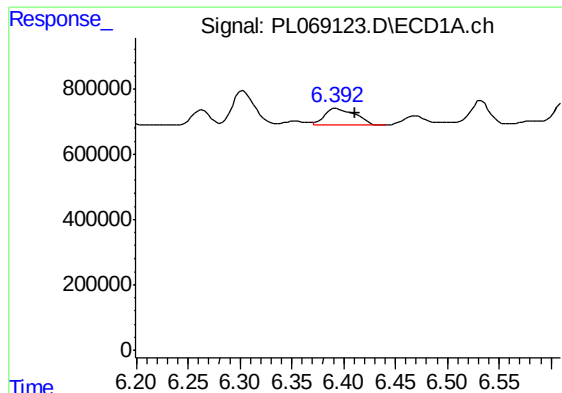
#6 beta-BHC

R.T.: 6.175 min  
Delta R.T.: 0.027 min  
Response: 11874097  
Conc: 42.12 ng/ml



#6 beta-BHC

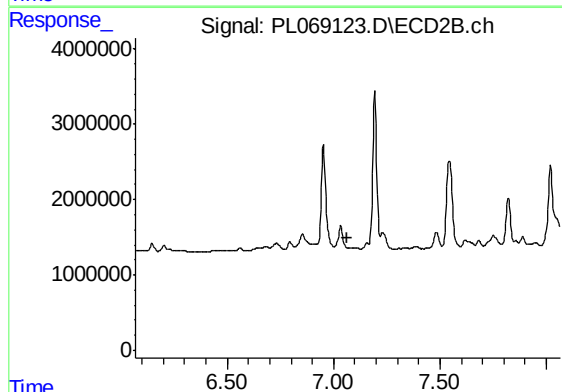
R.T.: 6.796 min  
Delta R.T.: -0.005 min  
Response: 1180912  
Conc: 1.82 ng/ml



#7 delta-BHC

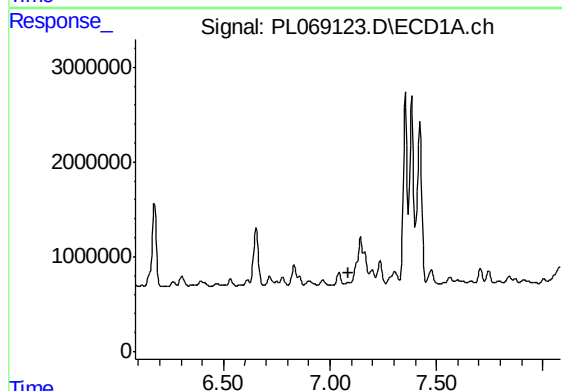
R.T.: 6.393 min  
Delta R.T.: -0.018 min  
Response: 1067662  
Conc: 1.99 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



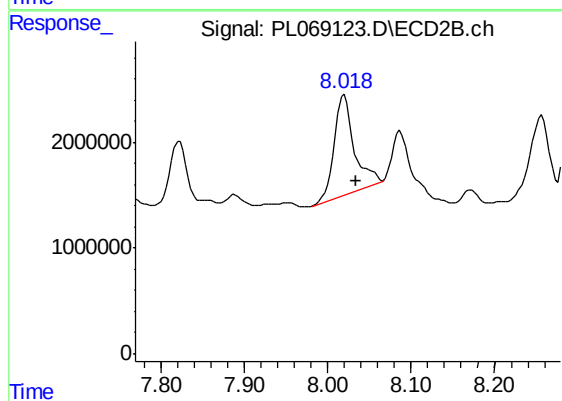
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 7.066 min  
Response: 0  
Conc: N.D.



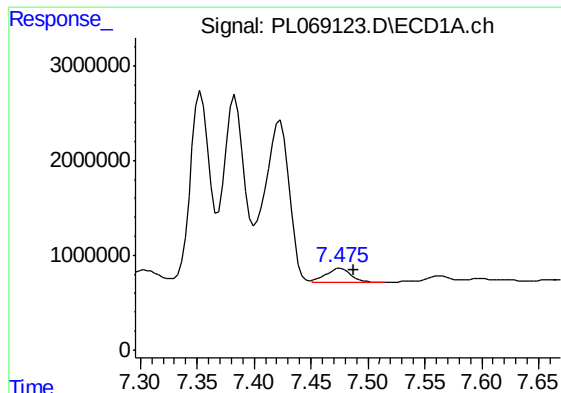
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 7.084 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

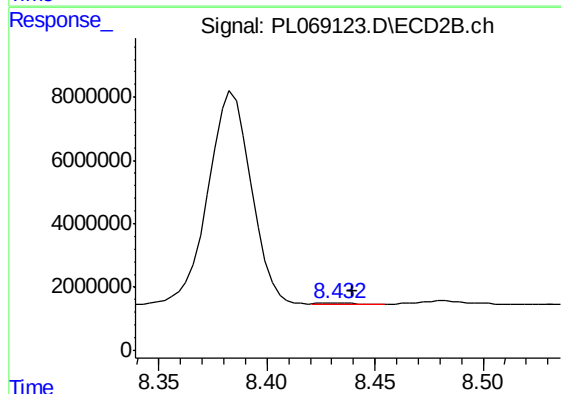
R.T.: 8.020 min  
Delta R.T.: -0.014 min  
Response: 15802996  
Conc: 13.67 ng/ml



#9 Endosulfan I

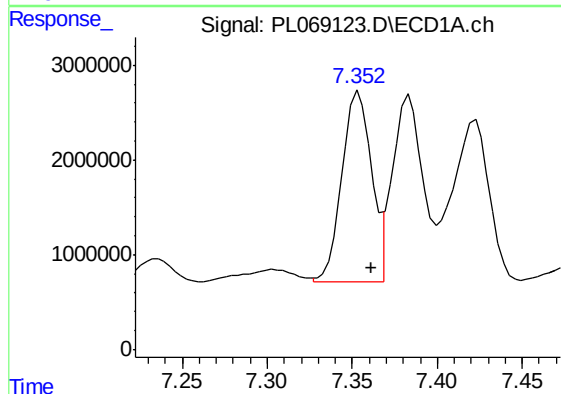
R.T.: 7.477 min  
Delta R.T.: -0.011 min  
Response: 2352101  
Conc: 4.63 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



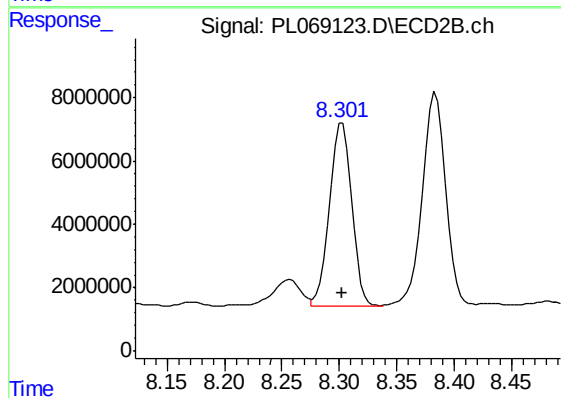
#9 Endosulfan I

R.T.: 8.434 min  
Delta R.T.: -0.006 min  
Response: 301791  
Conc: 0.29 ng/ml



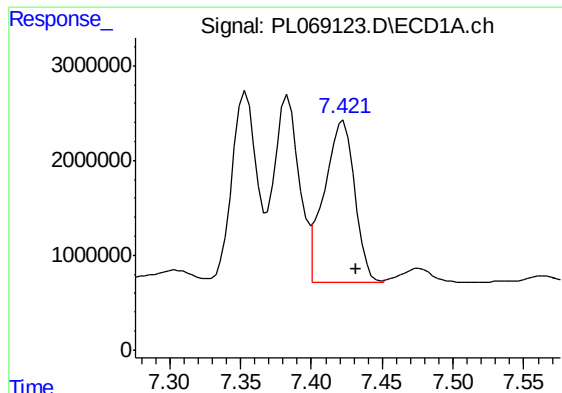
#10 gamma-Chlordane

R.T.: 7.354 min  
Delta R.T.: -0.007 min  
Response: 24125929  
Conc: 44.02 ng/ml



#10 gamma-Chlordane

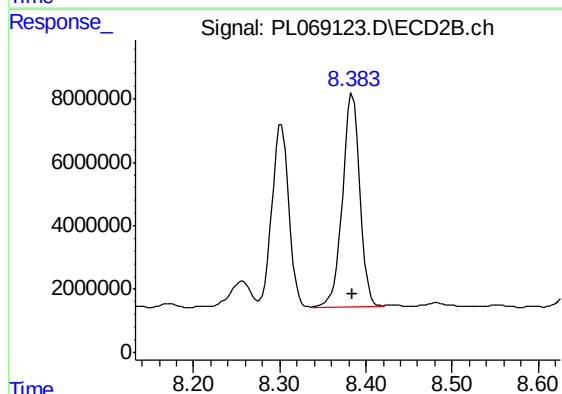
R.T.: 8.302 min  
Delta R.T.: 0.000 min  
Response: 78451596  
Conc: 68.50 ng/ml



#11 alpha-Chlordane

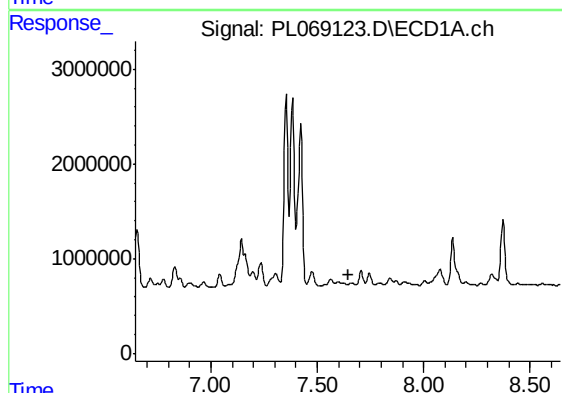
R.T.: 7.423 min  
Delta R.T.: -0.009 min  
Response: 25651117  
Conc: 46.61 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



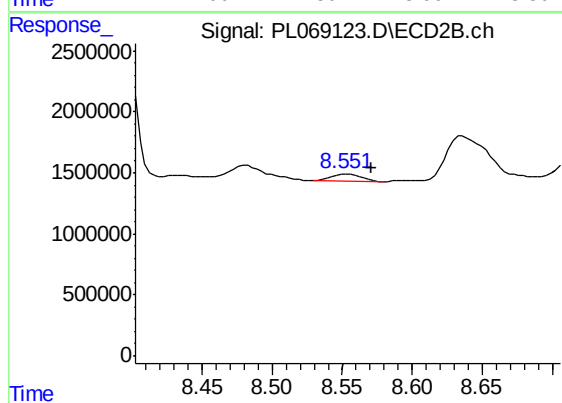
#11 alpha-Chlordane

R.T.: 8.384 min  
Delta R.T.: 0.000 min  
Response: 94409956  
Conc: 82.21 ng/ml



#12 4,4'-DDE

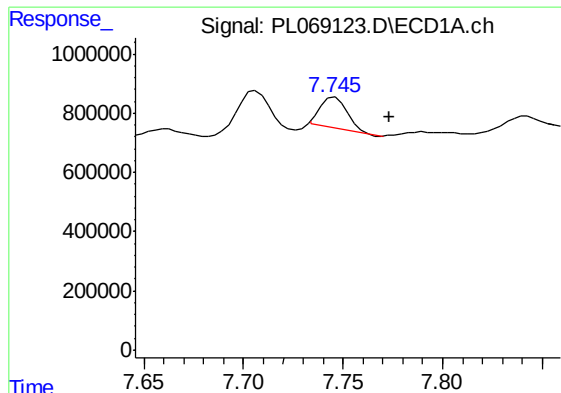
R.T.: 0.000 min  
Exp R.T. : 7.645 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 8.553 min  
Delta R.T.: -0.018 min  
Response: 793615  
Conc: 0.75 ng/ml

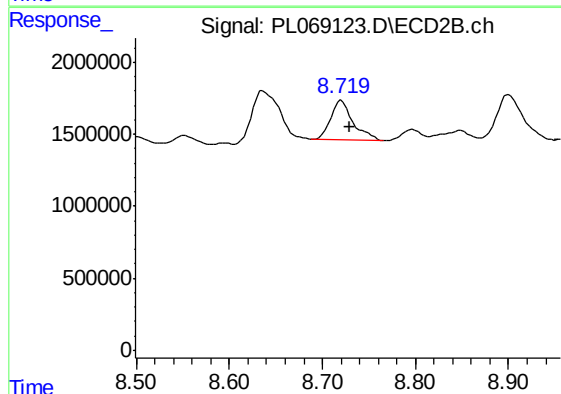




#13 Dieldrin

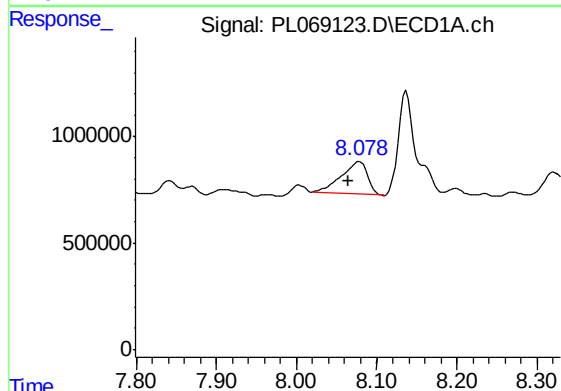
R.T.: 7.746 min  
Delta R.T.: -0.027 min  
Response: 957911  
Conc: 1.85 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



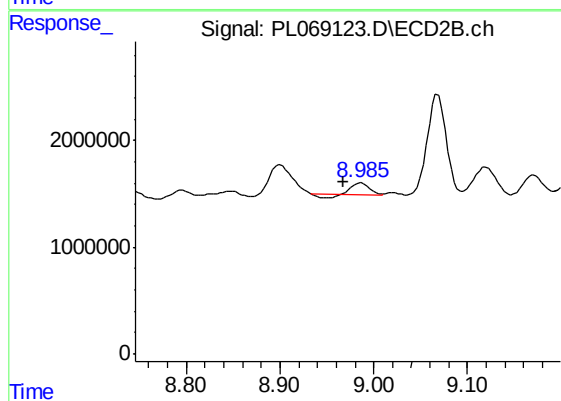
#13 Dieldrin

R.T.: 8.721 min  
Delta R.T.: -0.008 min  
Response: 4565266  
Conc: 4.21 ng/ml



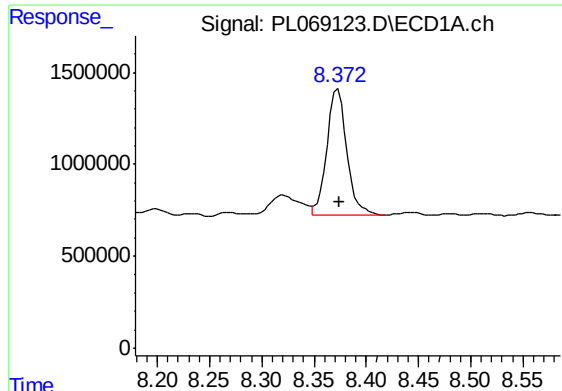
#14 Endrin

R.T.: 8.079 min  
Delta R.T.: 0.014 min  
Response: 3382004  
Conc: 7.02 ng/ml



#14 Endrin

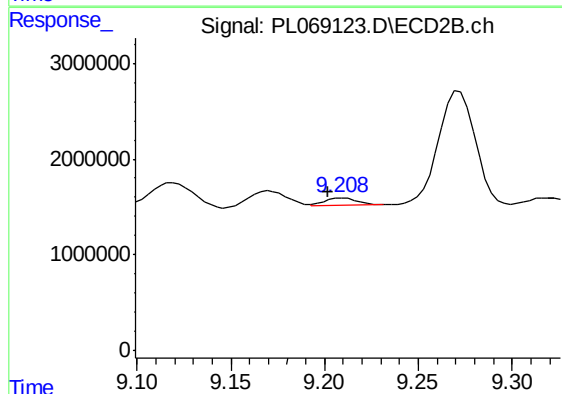
R.T.: 8.986 min  
Delta R.T.: 0.019 min  
Response: 961368  
Conc: 1.06 ng/ml



#15 Endosulfan II

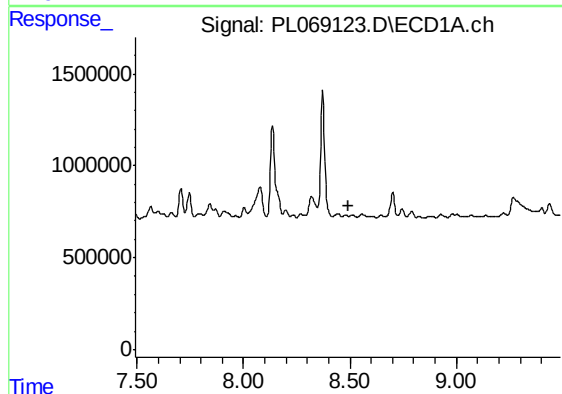
R.T.: 8.373 min  
Delta R.T.: -0.002 min  
Response: 9115644  
Conc: 19.00 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



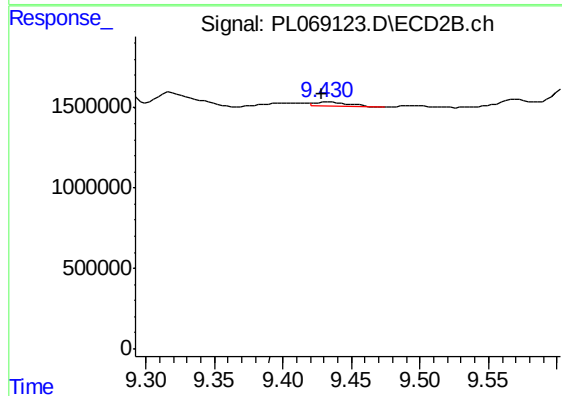
#15 Endosulfan II

R.T.: 9.209 min  
Delta R.T.: 0.008 min  
Response: 749387  
Conc: 0.82 ng/ml



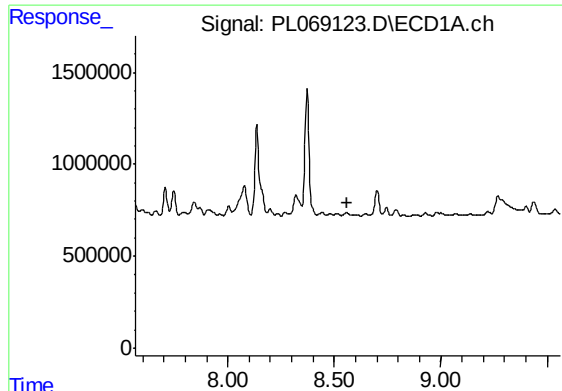
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 8.492 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

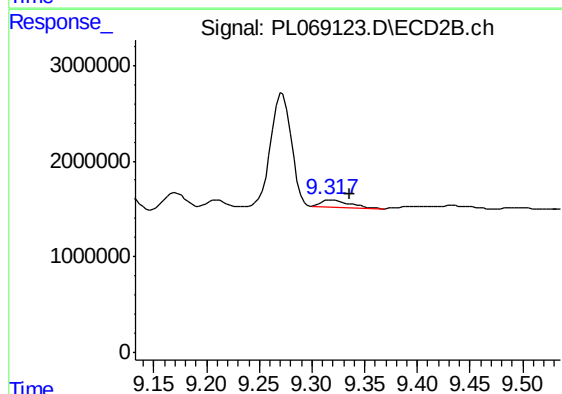
R.T.: 9.432 min  
Delta R.T.: 0.004 min  
Response: 503310  
Conc: 0.53 ng/ml



#18 Endrin aldehyde

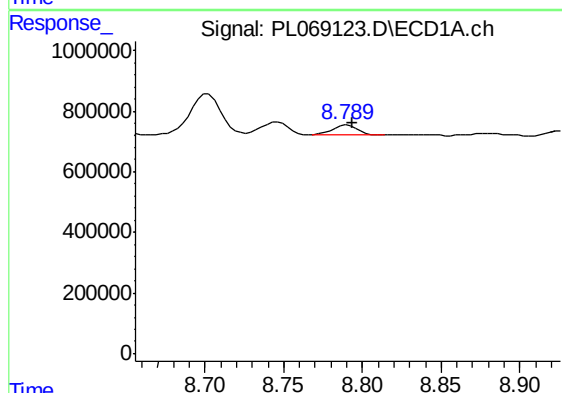
R.T.: 0.000 min  
Exp R.T.: 8.564 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



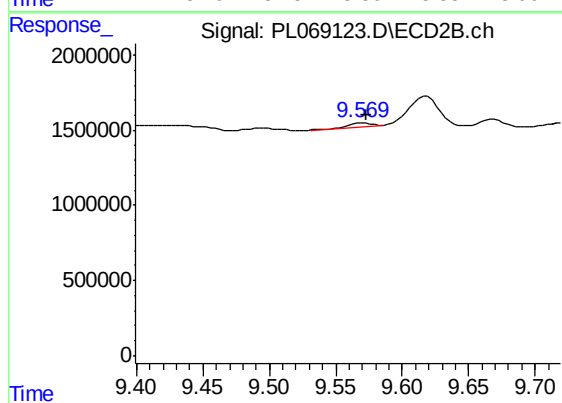
#18 Endrin aldehyde

R.T.: 9.318 min  
Delta R.T.: -0.018 min  
Response: 1304500  
Conc: 1.86 ng/ml



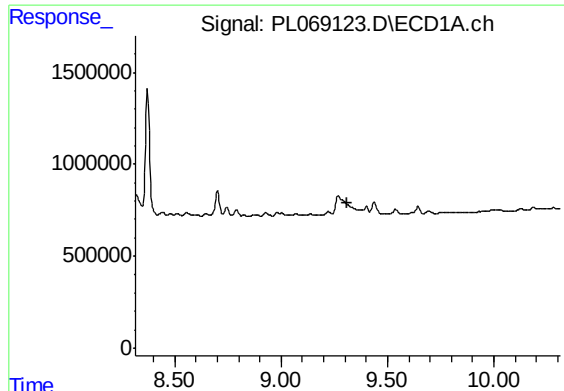
#19 Endosulfan Sulfate

R.T.: 8.791 min  
Delta R.T.: -0.003 min  
Response: 384840  
Conc: 0.75 ng/ml



#19 Endosulfan Sulfate

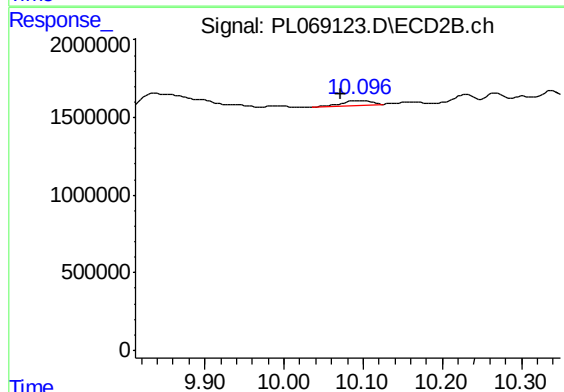
R.T.: 9.570 min  
Delta R.T.: -0.003 min  
Response: 293212  
Conc: 0.32 ng/ml



#21 Endrin ketone

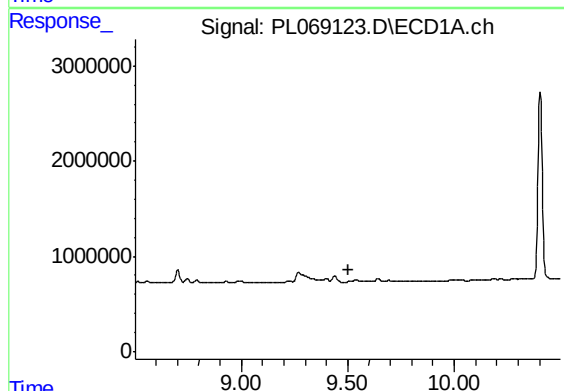
R.T.: 0.000 min  
Exp R.T. : 9.313 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



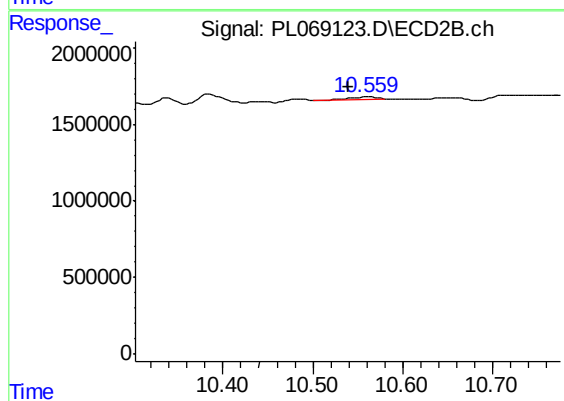
#21 Endrin ketone

R.T.: 10.099 min  
Delta R.T.: 0.026 min  
Response: 861972  
Conc: 0.85 ng/ml



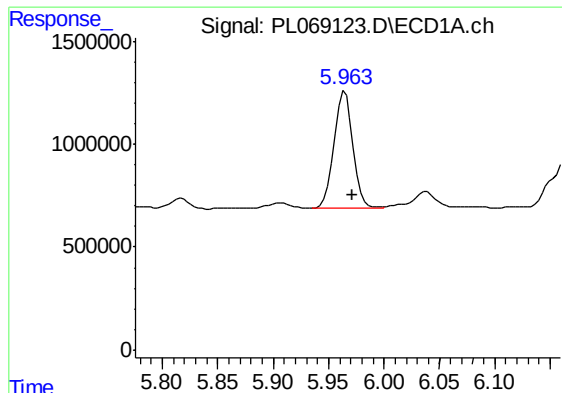
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 9.502 min  
Response: 0  
Conc: N.D.



#22 Mirex

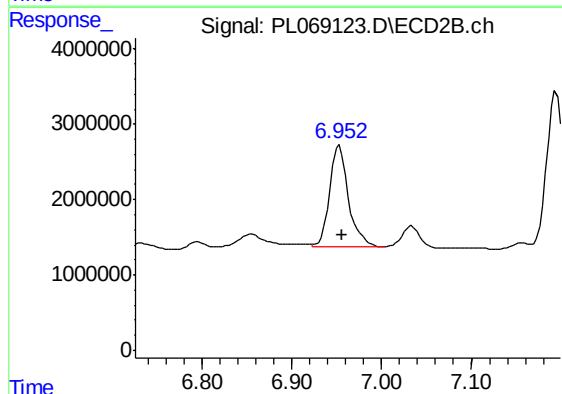
R.T.: 10.562 min  
Delta R.T.: 0.021 min  
Response: 278613  
Conc: 0.35 ng/ml



#23 Chlordane-1

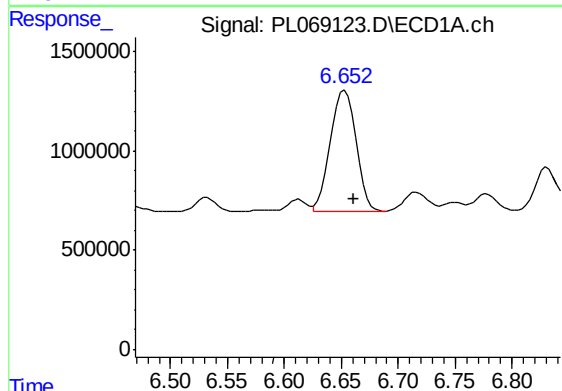
R.T.: 5.965 min  
Delta R.T.: -0.006 min  
Response: 6752942  
Conc: 464.21 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



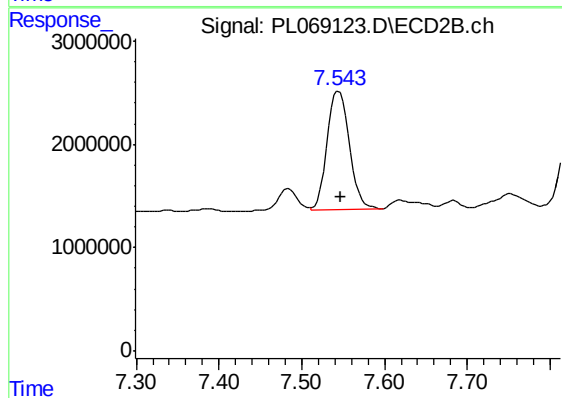
#23 Chlordane-1

R.T.: 6.953 min  
Delta R.T.: -0.003 min  
Response: 19859635  
Conc: 470.95 ng/ml



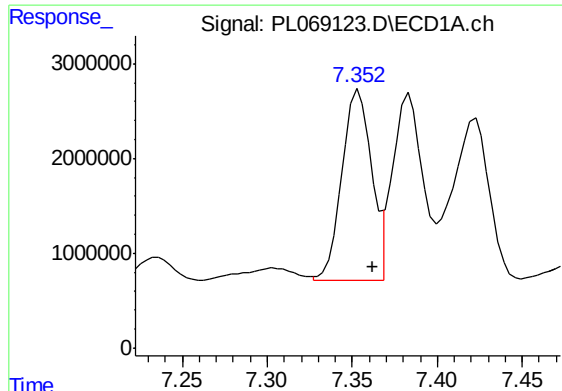
#24 Chlordane-2

R.T.: 6.653 min  
Delta R.T.: -0.007 min  
Response: 9612700  
Conc: 457.89 ng/ml



#24 Chlordane-2

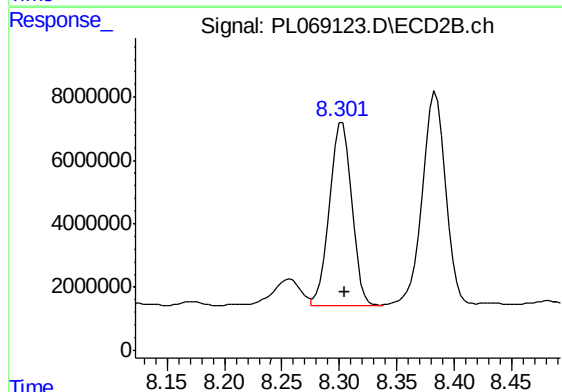
R.T.: 7.545 min  
Delta R.T.: -0.003 min  
Response: 21653789  
Conc: 499.76 ng/ml



#25 Chlordane-3

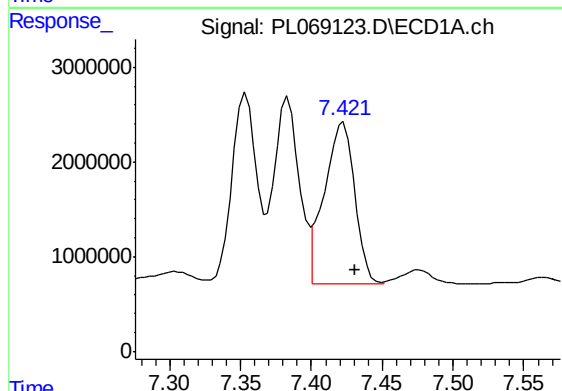
R.T.: 7.354 min  
Delta R.T.: -0.008 min  
Response: 24125929  
Conc: 459.96 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



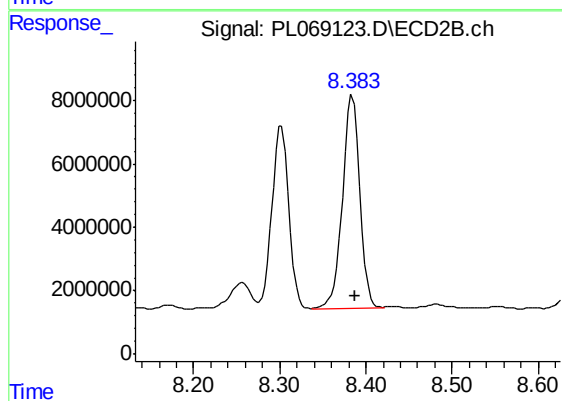
#25 Chlordane-3

R.T.: 8.302 min  
Delta R.T.: -0.002 min  
Response: 78451596  
Conc: 480.25 ng/ml



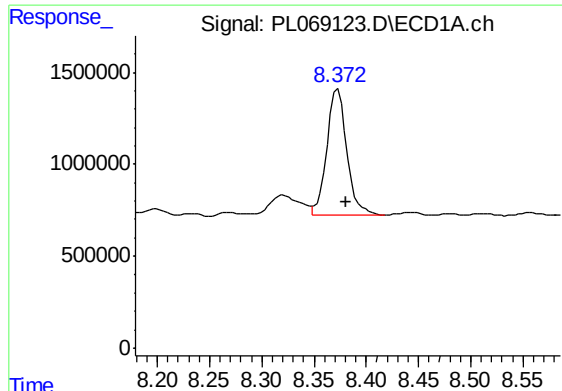
#26 Chlordane-4

R.T.: 7.423 min  
Delta R.T.: -0.008 min  
Response: 25651117  
Conc: 460.87 ng/ml



#26 Chlordane-4

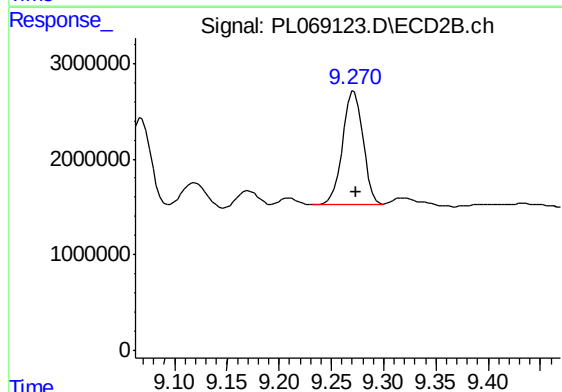
R.T.: 8.384 min  
Delta R.T.: -0.002 min  
Response: 94409956  
Conc: 476.04 ng/ml



#27 Chlordane-5

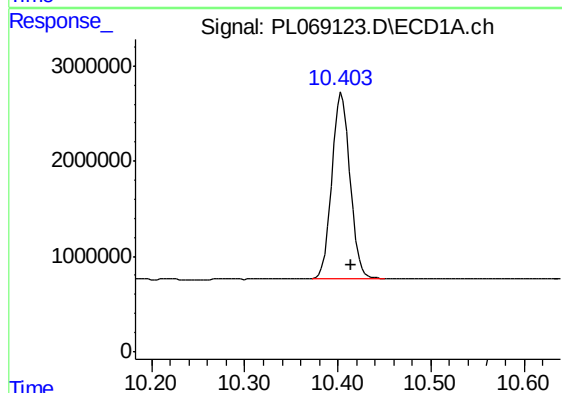
R.T.: 8.373 min  
Delta R.T.: -0.008 min  
Response: 9115644  
Conc: 442.05 ng/ml

Instrument :  
ECD\_S  
ClientSampleId :  
PCHLORCCC500



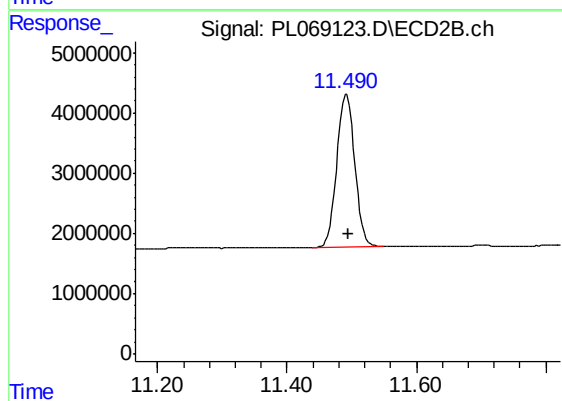
#27 Chlordane-5

R.T.: 9.272 min  
Delta R.T.: -0.002 min  
Response: 16225540  
Conc: 468.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.404 min  
Delta R.T.: -0.009 min  
Response: 26398153  
Conc: 45.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.492 min  
Delta R.T.: -0.003 min  
Response: 48621325  
Conc: 50.11 ng/ml