

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041822\  
 Data File : PL074149.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2022 10:45  
 Operator : AR\AJ  
 Sample : N2349-13MS 10X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DEL-7

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 01:14:19 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 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... | 4.649  | 5.486  | 455944   | 1791859  | 1.411    | 1.005 #   |
| 28)                         | SA Decachlor... | 10.410 | 11.346 | 2840275  | 8477519  | 5.462    | 4.800     |
| Target Compounds            |                 |        |        |          |          |          |           |
| 3)                          | MA gamma-BHC... | 5.783  | 6.422f | 88522    | 182957   | 0.211    | 0.077 #   |
| 4)                          | MA Heptachlor   | 6.203f | 0.000  | 69090    | 0        | 0.153    | N.D. #    |
| 5)                          | MB Aldrin       | 6.509  | 0.000  | 11382155 | 0        | 27.424   | N.D. #    |
| 6)                          | B beta-BHC      | 6.133f | 0.000  | 71165    | 0        | 0.348    | N.D. #    |
| 7)                          | B delta-BHC     | 6.432f | 6.966f | 172644   | 974889   | 0.417    | 0.399     |
| 8)                          | B Heptachlo...  | 7.076  | 7.924  | 961868   | 168.6E6  | 2.242    | 74.881 #  |
| 9)                          | A Endosulfan I  | 7.473  | 8.317  | 1496335  | 17364783 | 3.649    | 8.821 #   |
| 10)                         | B gamma-Chl...  | 7.353  | 8.221f | 70876812 | 120.8E6  | 161.602  | 54.170 #  |
| 11)                         | B alpha-Chl...  | 7.406f | 8.283  | 45164227 | 5047446  | 102.234  | 2.345 #   |
| 12)                         | B 4,4'-DDE      | 7.650  | 8.457  | -1084210 | 234.0E6  | N.D.     | 117.467   |
| 13)                         | MA Dieldrin     | 7.789f | 8.615  | 83705705 | 34183392 | 194.859  | 17.047 #  |
| 14)                         | MA Endrin       | 8.048f | 8.850  | 90104004 | 584.2E6  | 221.803  | 344.955 # |
| 15)                         | B Endosulfa...  | 8.375  | 9.070  | 74591499 | 9610645  | 180.977  | 5.532 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 9.000  | 0        | 700.8E6  | N.D.     | 455.454 # |
| 17)                         | MA 4,4'-DDT     | 8.491  | 9.311  | 238.9E6  | 101.9E6  | 646.350  | 57.490 #  |
| 18)                         | B Endrin al...  | 8.553  | 9.218  | 23307514 | 76485743 | 72.036   | 59.217    |
| 19)                         | B Endosulfa...  | 8.803  | 9.425f | -5414778 | 53688641 | N.D.     | 32.259    |
| 20)                         | A Methoxychlor  | 9.066f | 9.774f | 59766814 | 5976715  | 240.735  | 6.214 #   |
| 21)                         | B Endrin ke...  | 0.000  | 9.907f | 0        | 242.0E6  | N.D.     | 139.817 # |
| 24)                         | Chlordane-2     | 6.662  | 0.000  | 532482   | 0        | 30.556   | N.D. #    |
| 25)                         | Chlordane-3     | 7.353  | 8.221f | 70876812 | 120.8E6  | 1638.316 | 357.132 # |
| 26)                         | Chlordane-4     | 7.406f | 8.283  | 45164227 | 5047446  | 973.110  | 12.726 #  |
| 27)                         | Chlordane-5     | 8.375  | 9.124f | 74591499 | 243.6E6  | 4276.866 | 4048.227  |
| -----                       |                 |        |        |          |          |          |           |

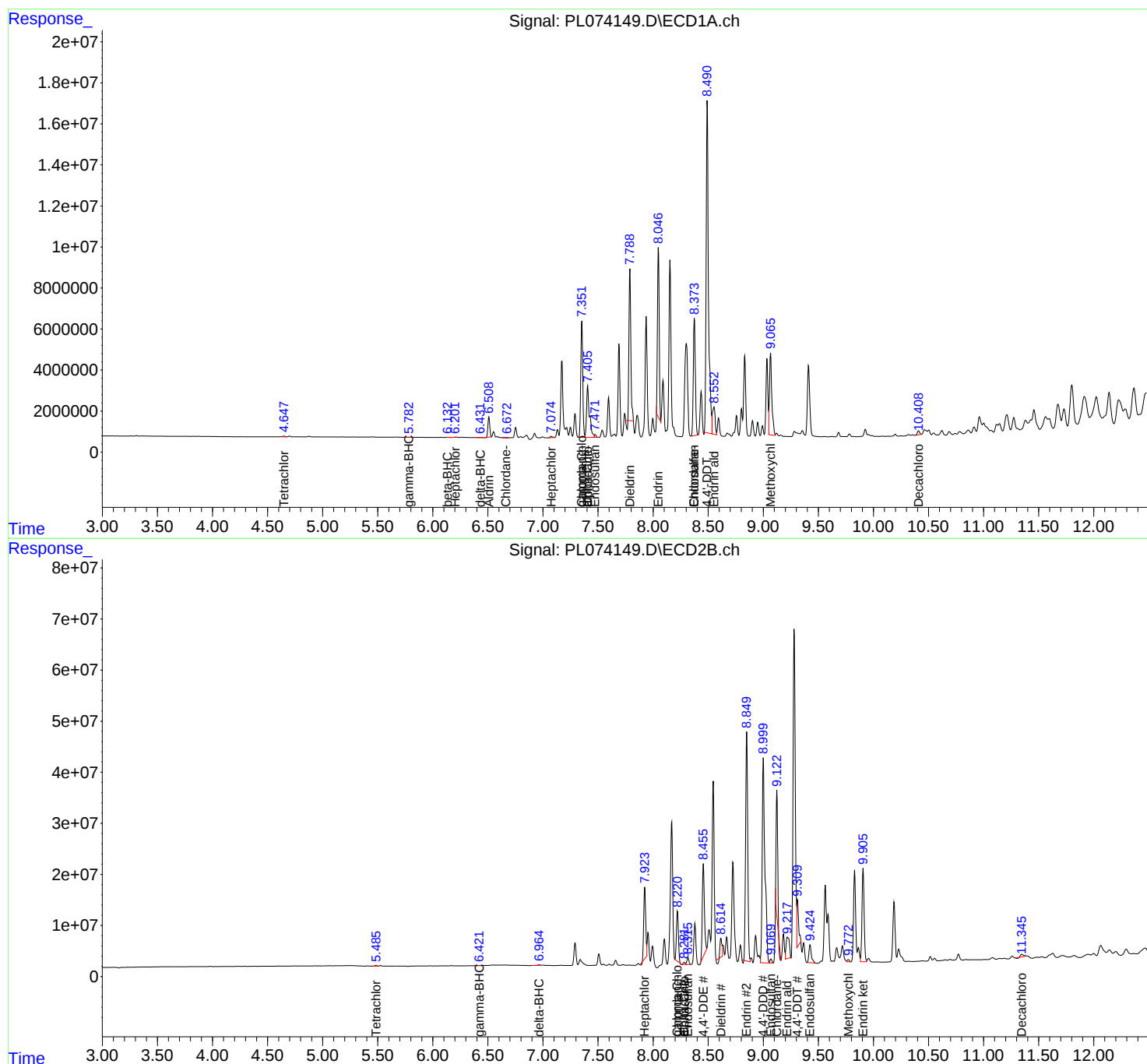
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

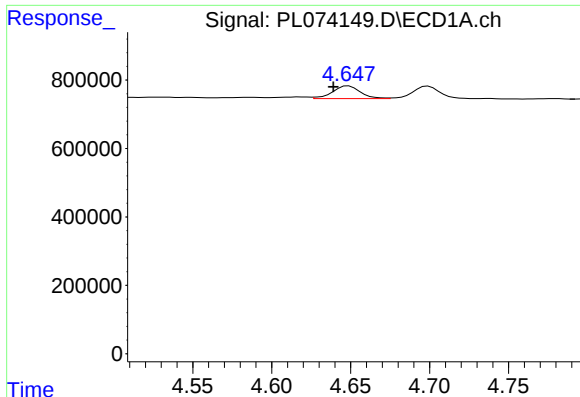
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041822\  
Data File : PL074149.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Apr 2022 10:45  
Operator : AR\AJ  
Sample : N2349-13MS 10X  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 01:14:19 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 14 09:29:23 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

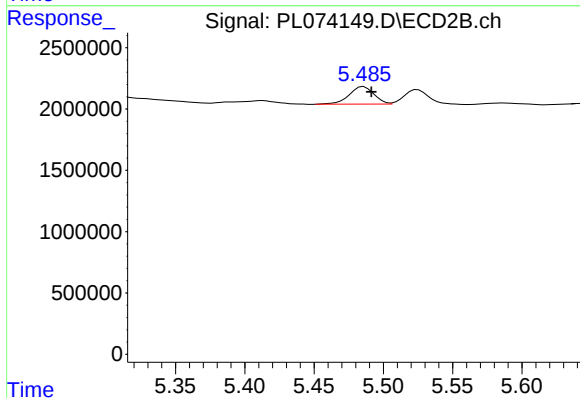




#1 Tetrachloro-m-xylene

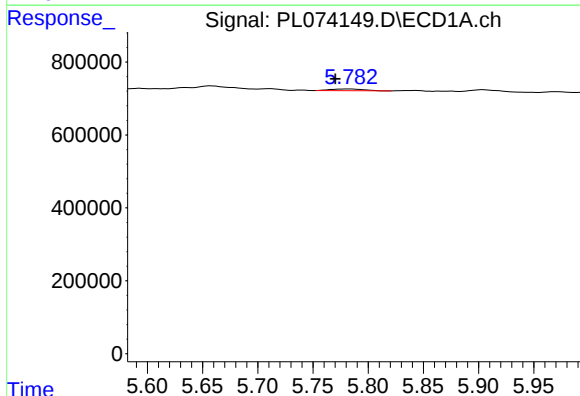
R.T.: 4.649 min  
Delta R.T.: 0.010 min  
Response: 455944  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



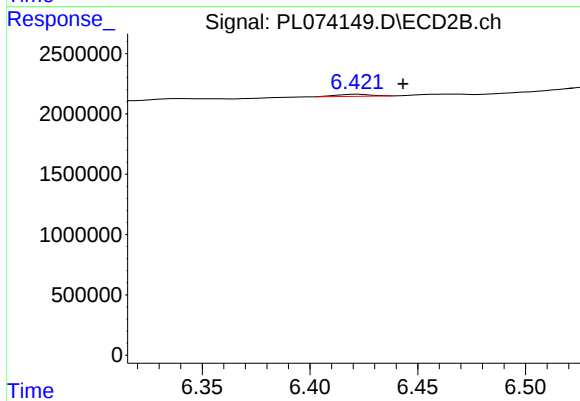
#1 Tetrachloro-m-xylene

R.T.: 5.486 min  
Delta R.T.: -0.005 min  
Response: 1791859  
Conc: 1.00 ng/ml



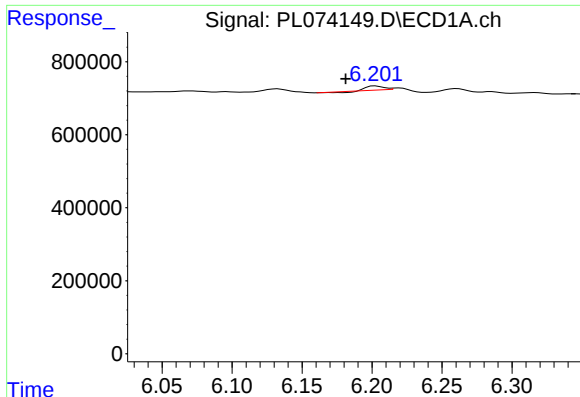
#3 gamma-BHC (Lindane)

R.T.: 5.783 min  
Delta R.T.: 0.013 min  
Response: 88522  
Conc: 0.21 ng/ml



#3 gamma-BHC (Lindane)

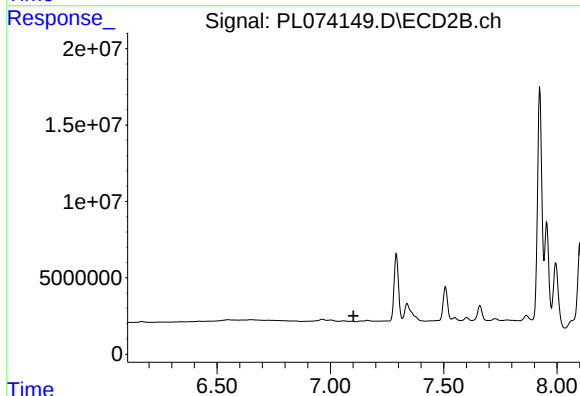
R.T.: 6.422 min  
Delta R.T.: -0.021 min  
Response: 182957  
Conc: 0.08 ng/ml



#4 Heptachlor

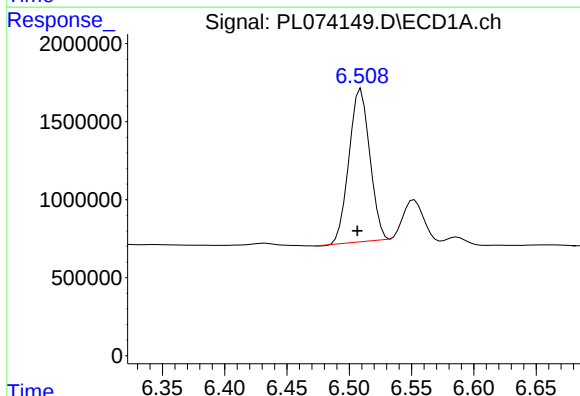
R.T.: 6.203 min  
Delta R.T.: 0.021 min  
Response: 69090  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



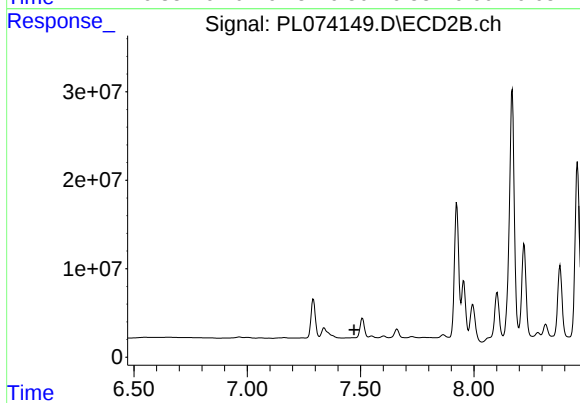
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 7.102 min  
Response: 0  
Conc: N.D.



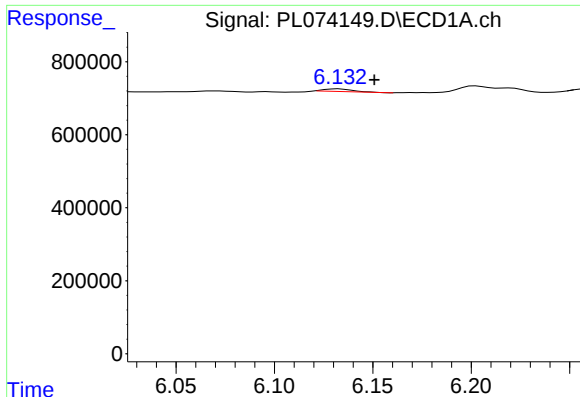
#5 Aldrin

R.T.: 6.509 min  
Delta R.T.: 0.003 min  
Response: 11382155  
Conc: 27.42 ng/ml



#5 Aldrin

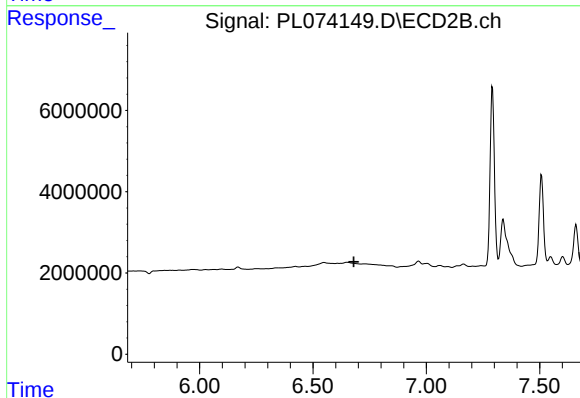
R.T.: 0.000 min  
Exp R.T. : 7.471 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

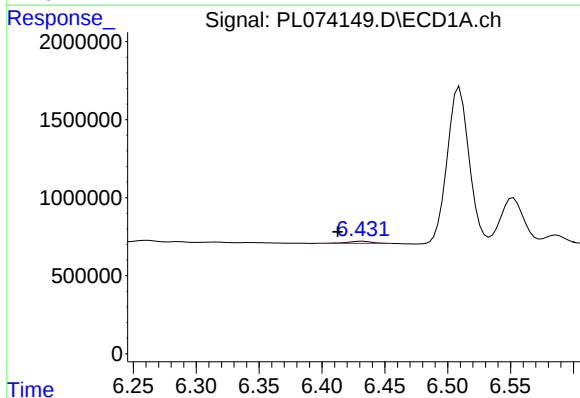
R.T.: 6.133 min  
Delta R.T.: -0.018 min  
Response: 71165  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



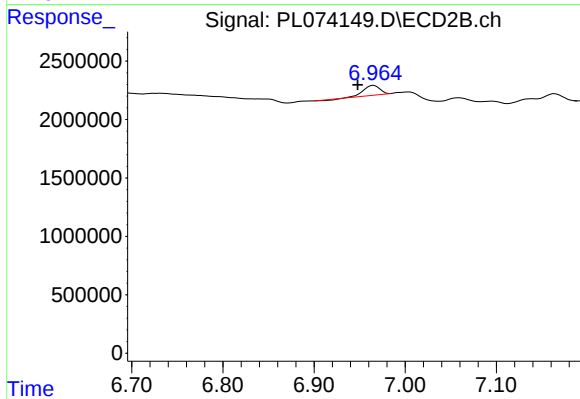
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 6.680 min  
Response: 0  
Conc: N.D.



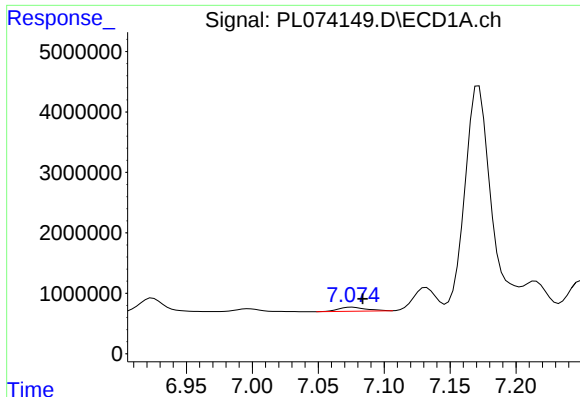
#7 delta-BHC

R.T.: 6.432 min  
Delta R.T.: 0.019 min  
Response: 172644  
Conc: 0.42 ng/ml



#7 delta-BHC

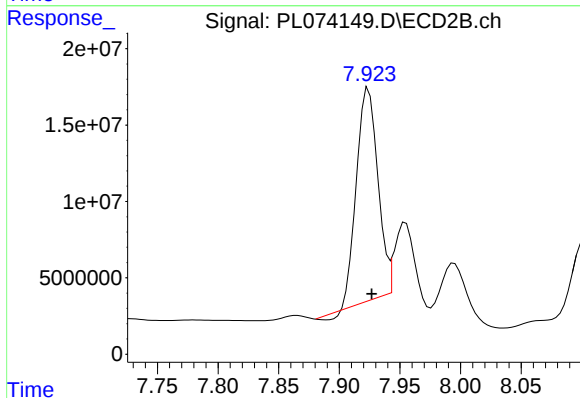
R.T.: 6.966 min  
Delta R.T.: 0.018 min  
Response: 974889  
Conc: 0.40 ng/ml



#8 Heptachlor epoxide

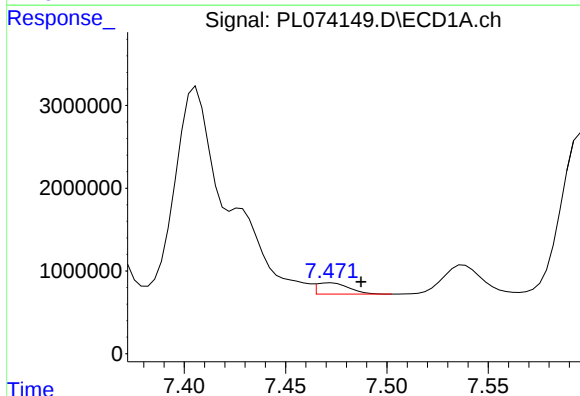
R.T.: 7.076 min  
Delta R.T.: -0.008 min  
Response: 961868  
Conc: 2.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



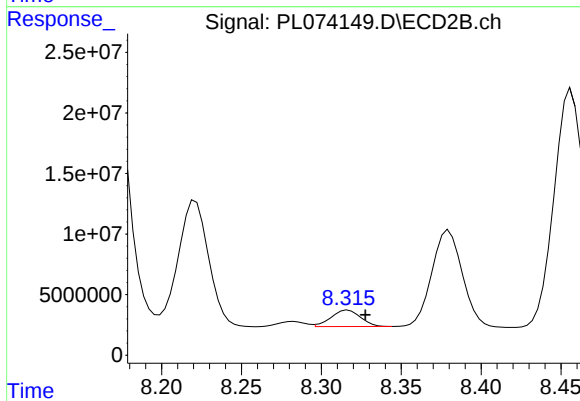
#8 Heptachlor epoxide

R.T.: 7.924 min  
Delta R.T.: -0.003 min  
Response: 168600147  
Conc: 74.88 ng/ml



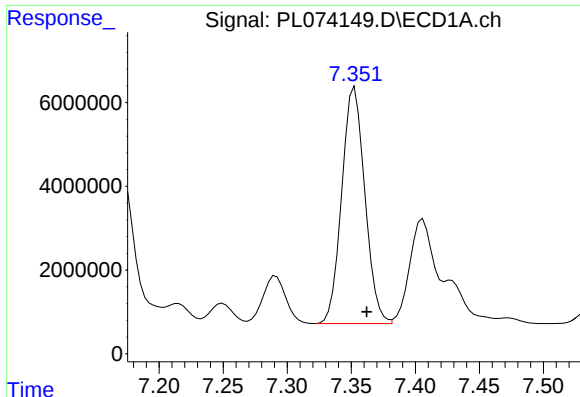
#9 Endosulfan I

R.T.: 7.473 min  
Delta R.T.: -0.014 min  
Response: 1496335  
Conc: 3.65 ng/ml



#9 Endosulfan I

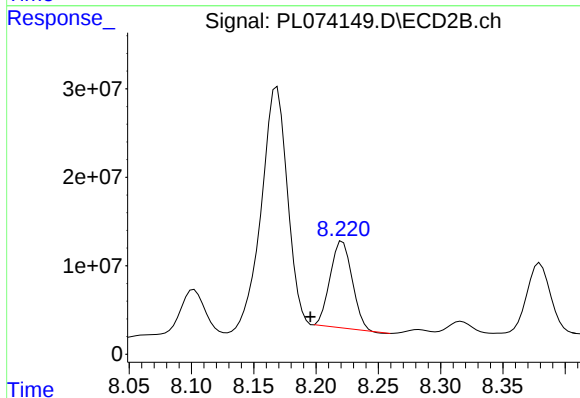
R.T.: 8.317 min  
Delta R.T.: -0.011 min  
Response: 17364783  
Conc: 8.82 ng/ml



#10 gamma-Chlordane

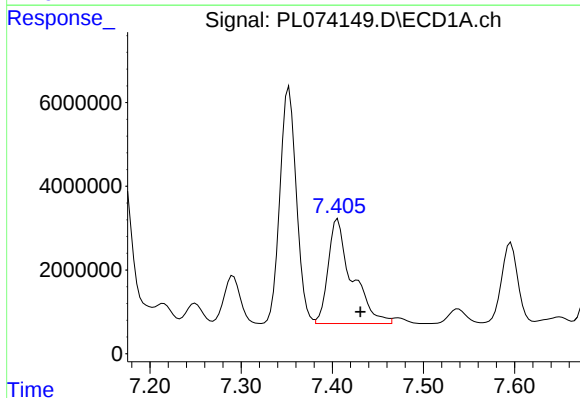
R.T.: 7.353 min  
Delta R.T.: -0.009 min  
Response: 70876812  
Conc: 161.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



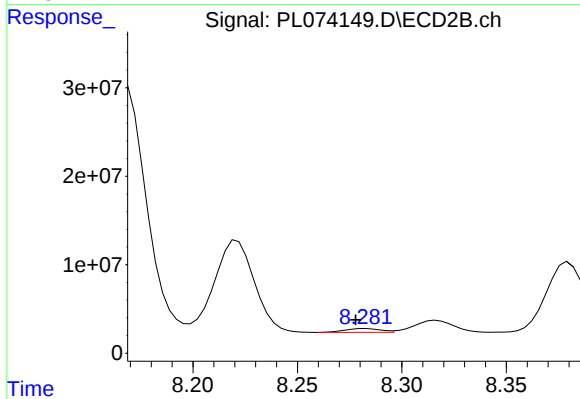
#10 gamma-Chlordane

R.T.: 8.221 min  
Delta R.T.: 0.026 min  
Response: 120818188  
Conc: 54.17 ng/ml



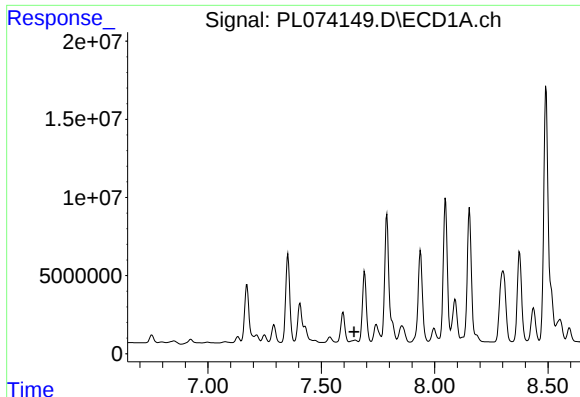
#11 alpha-Chlordane

R.T.: 7.406 min  
Delta R.T.: -0.025 min  
Response: 45164227  
Conc: 102.23 ng/ml



#11 alpha-Chlordane

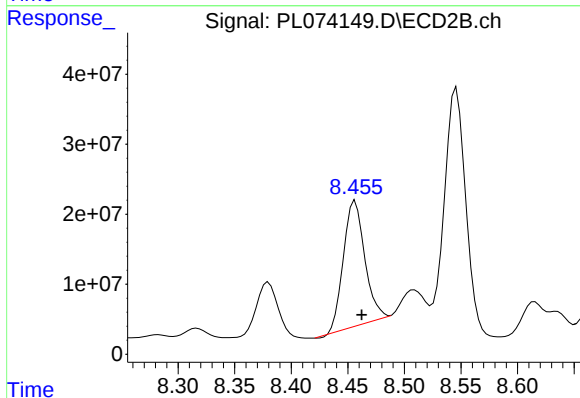
R.T.: 8.283 min  
Delta R.T.: 0.005 min  
Response: 5047446  
Conc: 2.34 ng/ml



#12 4,4'-DDE

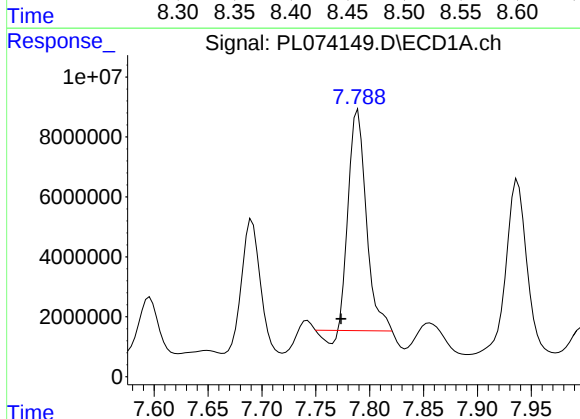
R.T.: 7.650 min  
Delta R.T.: 0.005 min  
Response: -1084210  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



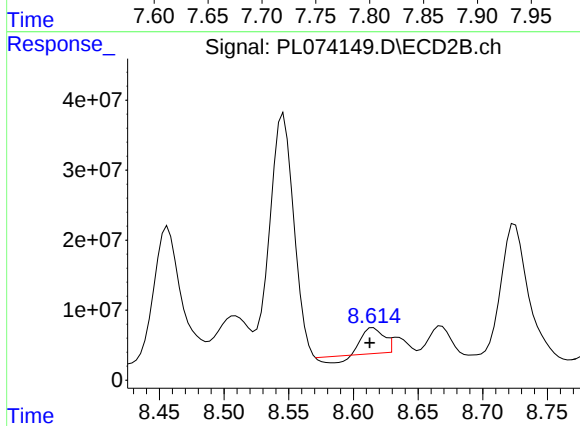
#12 4,4'-DDE

R.T.: 8.457 min  
Delta R.T.: -0.006 min  
Response: 233958229  
Conc: 117.47 ng/ml



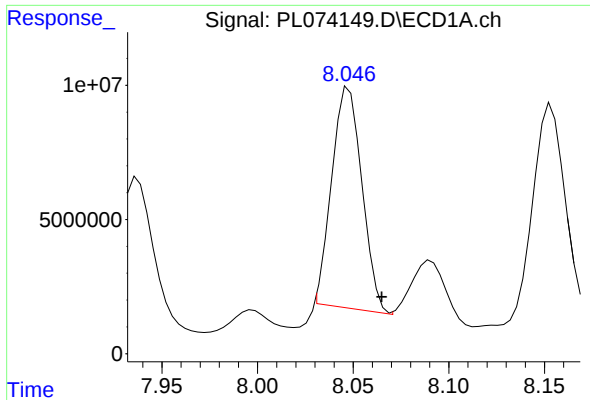
#13 Dieldrin

R.T.: 7.789 min  
Delta R.T.: 0.016 min  
Response: 83705705  
Conc: 194.86 ng/ml



#13 Dieldrin

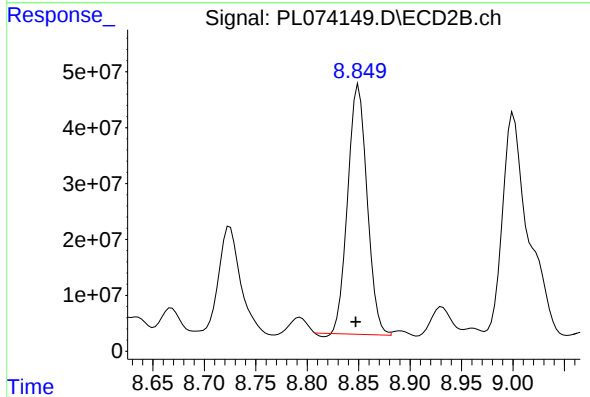
R.T.: 8.615 min  
Delta R.T.: 0.003 min  
Response: 34183392  
Conc: 17.05 ng/ml



#14 Endrin

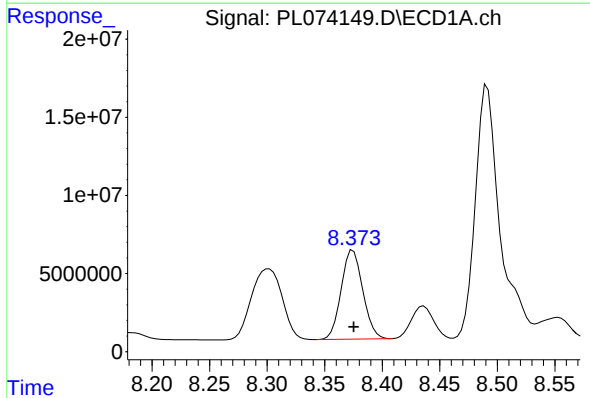
R.T.: 8.048 min  
Delta R.T.: -0.017 min  
Response: 90104004  
Conc: 221.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



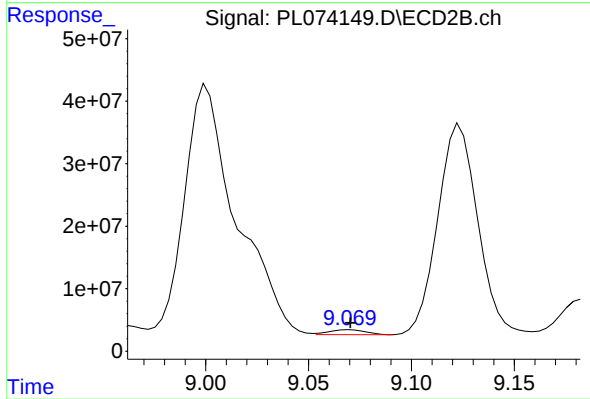
#14 Endrin

R.T.: 8.850 min  
Delta R.T.: 0.003 min  
Response: 584238232  
Conc: 344.96 ng/ml



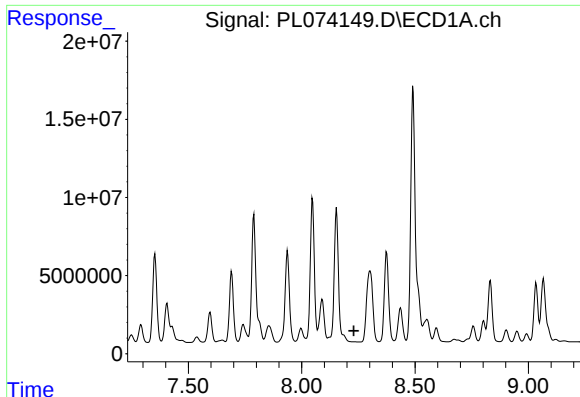
#15 Endosulfan II

R.T.: 8.375 min  
Delta R.T.: 0.000 min  
Response: 74591499  
Conc: 180.98 ng/ml



#15 Endosulfan II

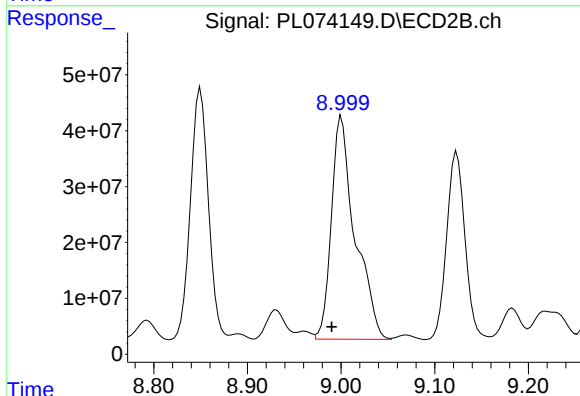
R.T.: 9.070 min  
Delta R.T.: 0.000 min  
Response: 9610645  
Conc: 5.53 ng/ml



#16 4,4'-DDD

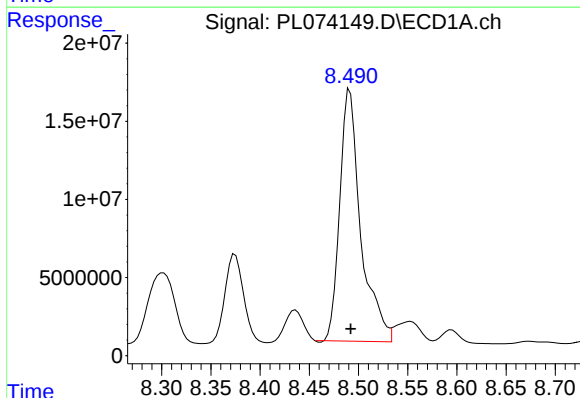
R.T.: 0.000 min  
Exp R.T.: 8.231 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



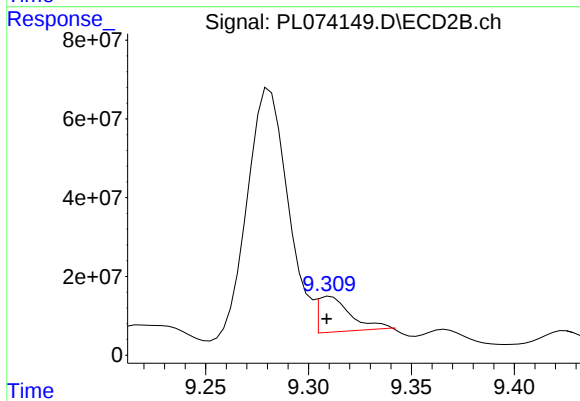
#16 4,4'-DDD

R.T.: 9.000 min  
Delta R.T.: 0.010 min  
Response: 700761392  
Conc: 455.45 ng/ml



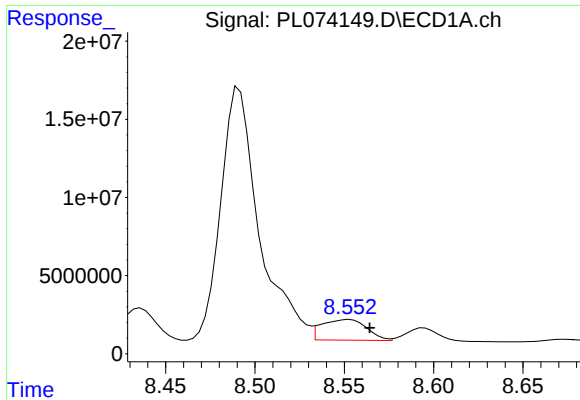
#17 4,4'-DDT

R.T.: 8.491 min  
Delta R.T.: 0.000 min  
Response: 238916455  
Conc: 646.35 ng/ml



#17 4,4'-DDT

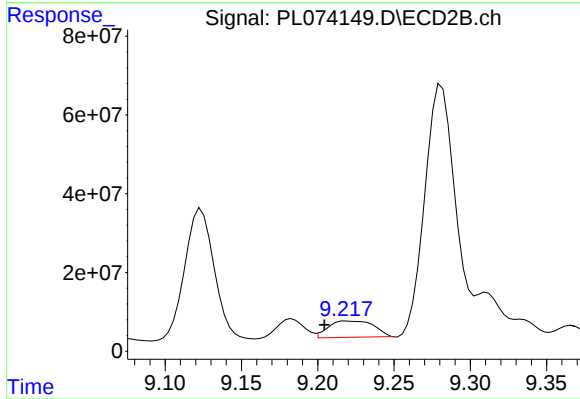
R.T.: 9.311 min  
Delta R.T.: 0.002 min  
Response: 101910191  
Conc: 57.49 ng/ml



#18 Endrin aldehyde

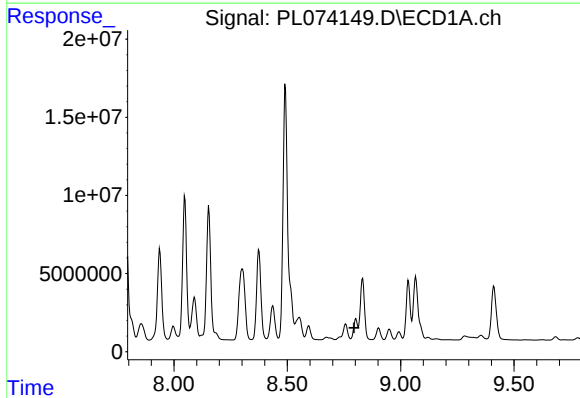
R.T.: 8.553 min  
Delta R.T.: -0.011 min  
Response: 23307514  
Conc: 72.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



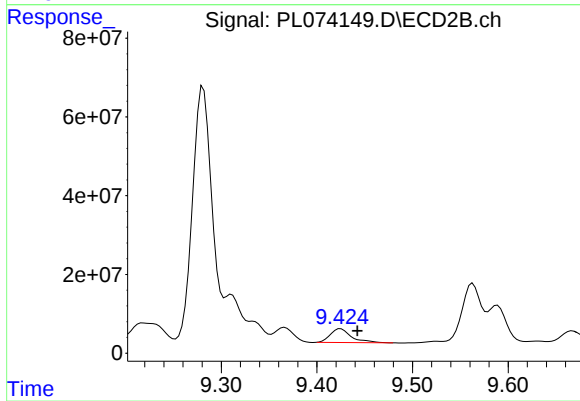
#18 Endrin aldehyde

R.T.: 9.218 min  
Delta R.T.: 0.014 min  
Response: 76485743  
Conc: 59.22 ng/ml



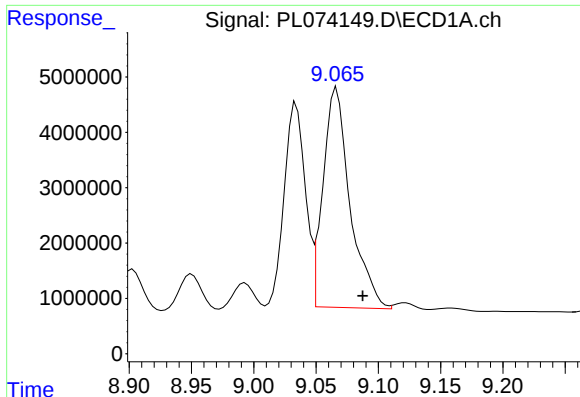
#19 Endosulfan Sulfate

R.T.: 8.803 min  
Delta R.T.: 0.008 min  
Response: -5414778  
Conc: N.D.



#19 Endosulfan Sulfate

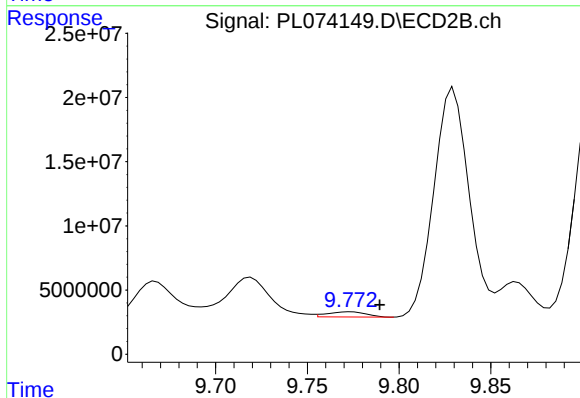
R.T.: 9.425 min  
Delta R.T.: -0.017 min  
Response: 53688641  
Conc: 32.26 ng/ml



#20 Methoxychlor

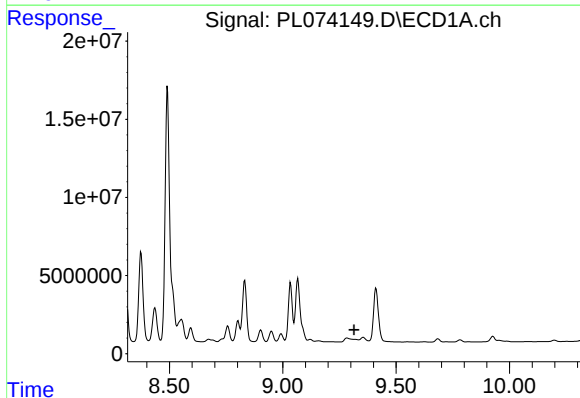
R.T.: 9.066 min  
Delta R.T.: -0.021 min  
Response: 59766814  
Conc: 240.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



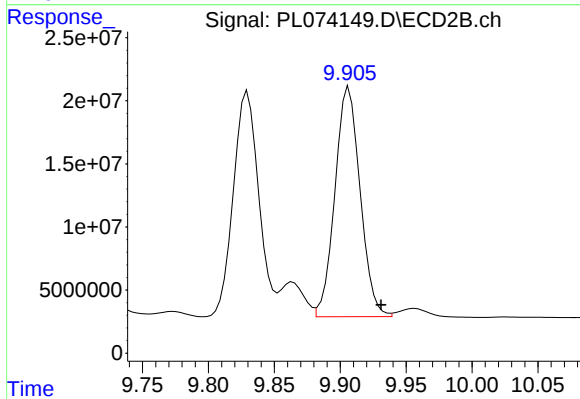
#20 Methoxychlor

R.T.: 9.774 min  
Delta R.T.: -0.016 min  
Response: 5976715  
Conc: 6.21 ng/ml



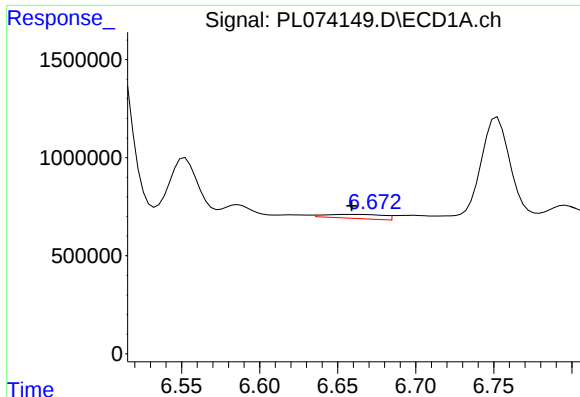
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 9.314 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

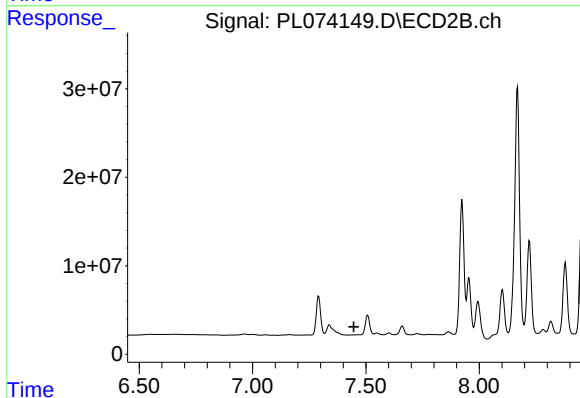
R.T.: 9.907 min  
Delta R.T.: -0.024 min  
Response: 242014511  
Conc: 139.82 ng/ml



#24 Chlordane-2

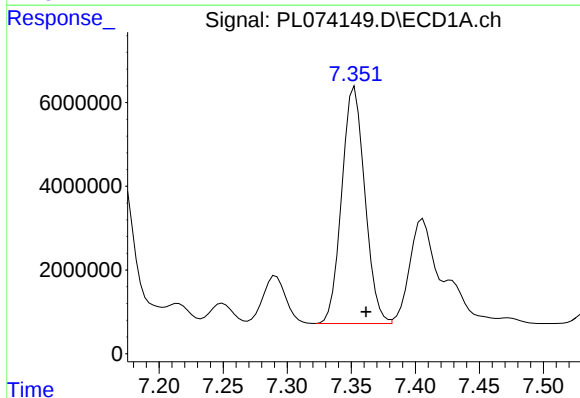
R.T.: 6.662 min  
Delta R.T.: 0.003 min  
Response: 532482  
Conc: 30.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



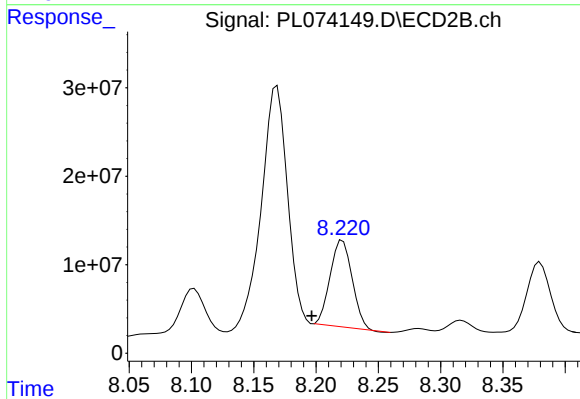
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 7.447 min  
Response: 0  
Conc: N.D.



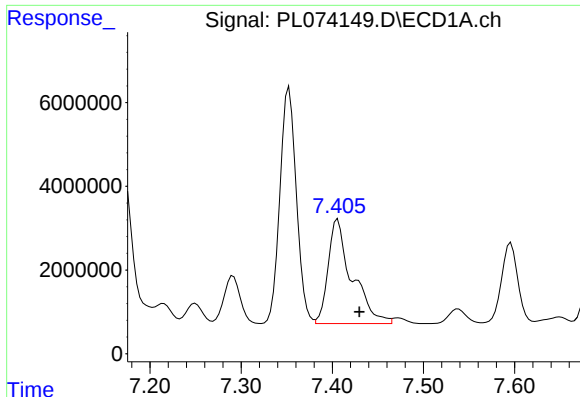
#25 Chlordane-3

R.T.: 7.353 min  
Delta R.T.: -0.009 min  
Response: 70876812  
Conc: 1638.32 ng/ml



#25 Chlordane-3

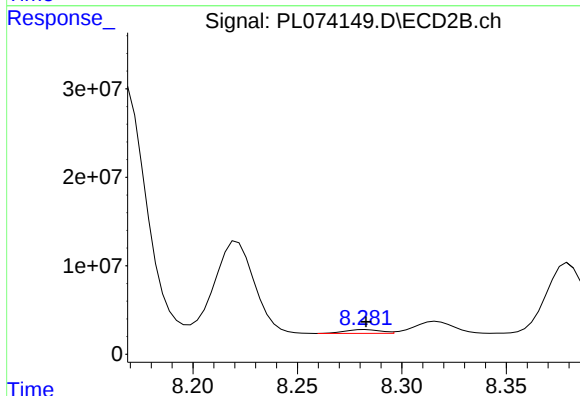
R.T.: 8.221 min  
Delta R.T.: 0.025 min  
Response: 120818188  
Conc: 357.13 ng/ml



#26 Chlordane-4

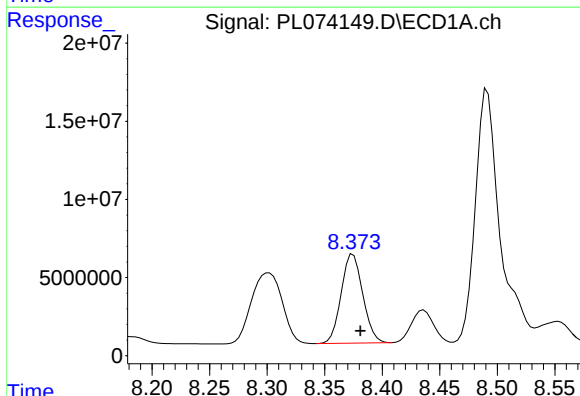
R.T.: 7.406 min  
Delta R.T.: -0.024 min  
Response: 45164227  
Conc: 973.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



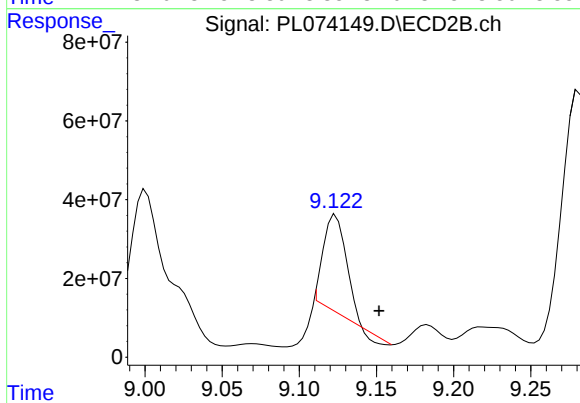
#26 Chlordane-4

R.T.: 8.283 min  
Delta R.T.: 0.000 min  
Response: 5047446  
Conc: 12.73 ng/ml



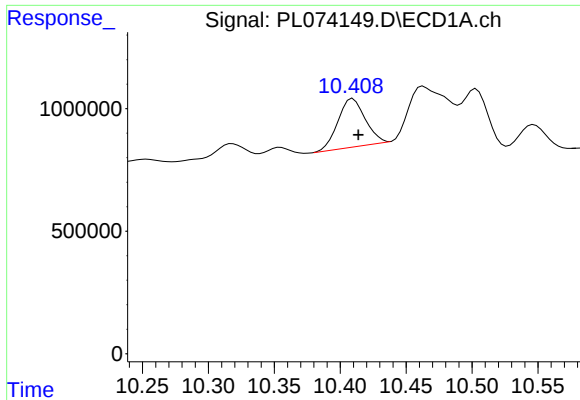
#27 Chlordane-5

R.T.: 8.375 min  
Delta R.T.: -0.007 min  
Response: 74591499  
Conc: 4276.87 ng/ml



#27 Chlordane-5

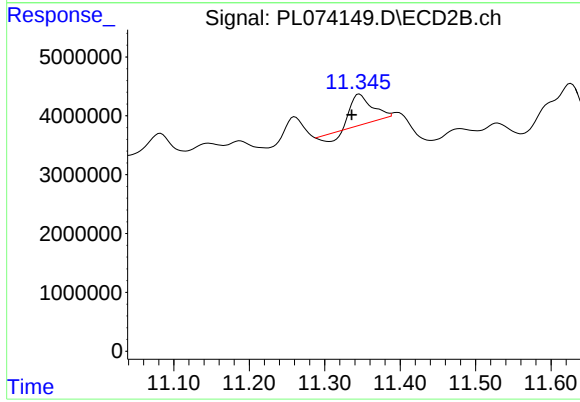
R.T.: 9.124 min  
Delta R.T.: -0.028 min  
Response: 243611439  
Conc: 4048.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.410 min  
Delta R.T.: -0.004 min  
Response: 2840275  
Conc: 5.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DEL-7



#28 Decachlorobiphenyl

R.T.: 11.346 min  
Delta R.T.: 0.010 min  
Response: 8477519  
Conc: 4.80 ng/ml