

Data Path : P:\HPCHEM1\ECD\_L\Data\PL013118\  
 Data File : PL032817.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Feb 2018 9:01  
 Operator : UA\AJ  
 Sample : J1384-07  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OILY-STONES-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 10:12:32 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.410  | 3.994  | 110.9E6  | 9188789  | 12.408  | 7.337 #  |
| 28)                         | SA Decachlor... | 8.116  | 9.029  | 95491756 | 14360737 | 8.207   | 7.550    |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.831  | 0.000  | 21525053 | 0        | 1.530   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.116  | 4.635  | 14533727 | 4646930  | 1.126   | 2.163 #  |
| 4)                          | MA Heptachlor   | 4.420  | 5.154  | 19400914 | 6384265  | 1.466   | 3.058 #  |
| 5)                          | MB Aldrin       | 4.661  | 5.487  | 16644010 | 6234657  | 1.295   | 2.977 #  |
| 6)                          | B beta-BHC      | 4.369  | 0.000  | 43161508 | 0        | 7.557   | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.027  | 0        | 5149110  | N.D.    | 2.316 #  |
| 8)                          | B Heptachlo...  | 5.110  | 5.811f | 17464702 | 2577510  | 1.476   | 1.442    |
| 9)                          | A Endosulfan I  | 5.444  | 6.215  | 17967108 | 32206450 | 1.574   | 17.849 # |
| 10)                         | B gamma-Chl...  | 5.314  | 6.086  | 19127506 | 4845151  | 1.482   | 2.485 #  |
| 11)                         | B alpha-Chl...  | 5.347  | 6.166  | 137.0E6  | 14996928 | 11.009  | 7.912 #  |
| 12)                         | B 4,4'-DDE      | 5.574  | 6.327  | 207.5E6  | 32363579 | 16.332  | 16.970   |
| 13)                         | MA Dieldrin     | 5.698  | 6.451  | 284.7E6  | 11828390 | 22.237  | 6.189 #  |
| 14)                         | MA Endrin       | 5.932  | 6.695  | 29325628 | -2140782 | 2.511   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.183  | 6.867  | 12013184 | 11389349 | 1.024   | 6.469 #  |
| 16)                         | A 4,4'-DDD      | 6.115f | 6.773  | 17319674 | 12795141 | 1.646   | 8.971 #  |
| 17)                         | MA 4,4'-DDT     | 6.341f | 7.093  | 39984275 | 3772128  | 3.782   | 2.829 #  |
| 18)                         | B Endrin al...  | 6.396  | 6.981  | 15472343 | 2461686  | 1.567   | 1.662    |
| 19)                         | B Endosulfa...  | 6.587  | 7.193  | 22443348 | 3221862  | 2.026   | 1.998    |
| 20)                         | A Methoxychlor  | 6.860  | 7.551  | 13469380 | 437677   | 2.318   | 0.537 #  |
| 21)                         | B Endrin ke...  | 7.008f | 7.667  | 4687037  | 2824403  | 0.374   | 1.564 #  |
| 23)                         | Chlordane-1     | 4.272  | 4.962  | 25134317 | 1994823  | 61.188  | 25.798 # |
| 24)                         | Chlordane-2     | 4.420  | 5.154  | 19400914 | 6384265  | 31.596  | 54.404 # |
| 25)                         | Chlordane-3     | 5.314  | 6.086  | 19127506 | 4845151  | 12.815  | 17.581 # |
| 26)                         | Chlordane-4     | 5.347  | 6.166  | 137.0E6  | 14996928 | 106.489 | 45.903 # |
| 27)                         | Chlordane-5     | 6.220  | 6.981  | 8617586  | 2461686  | 17.429  | 40.847 # |
| -----                       |                 |        |        |          |          |         |          |

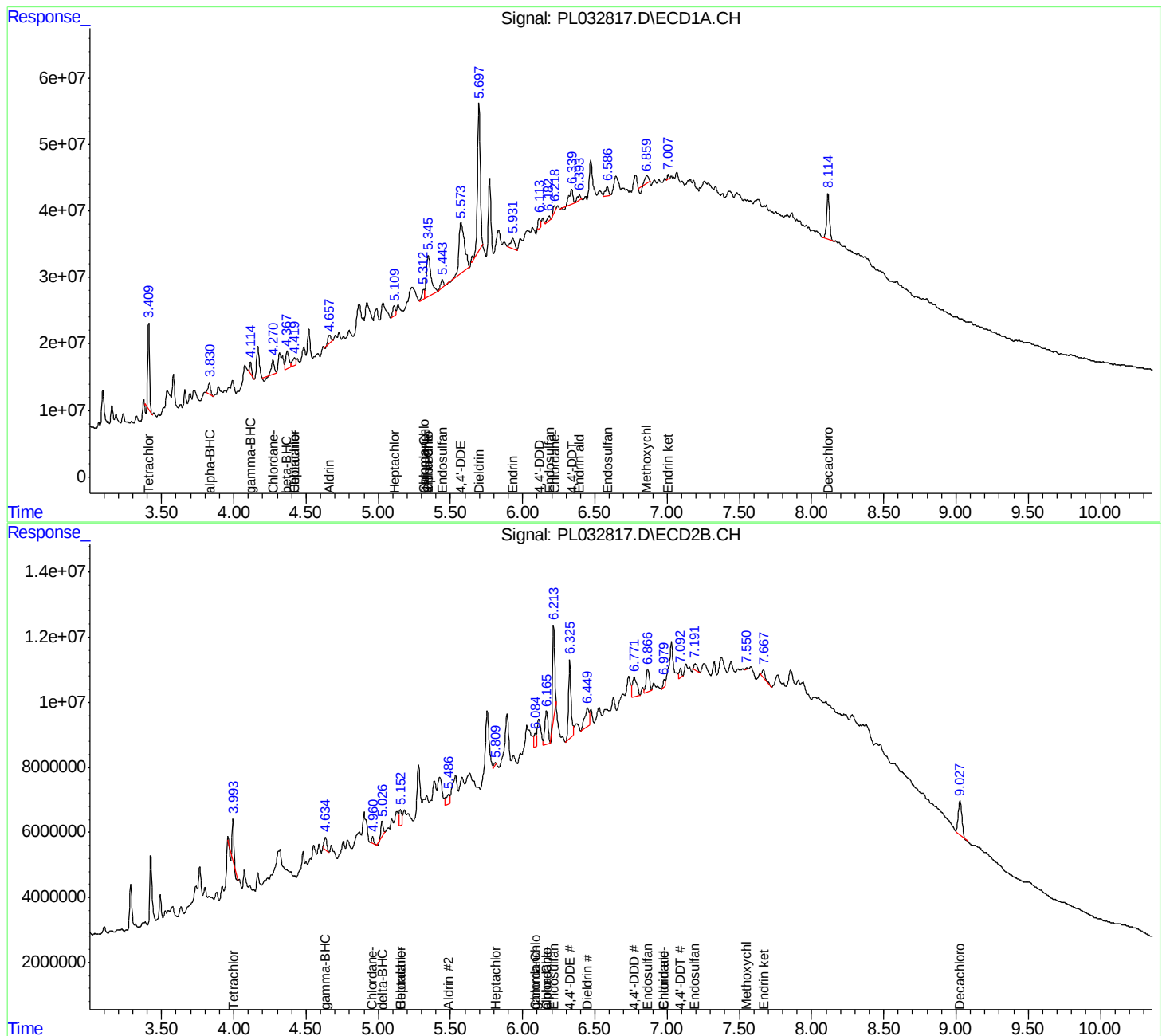
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

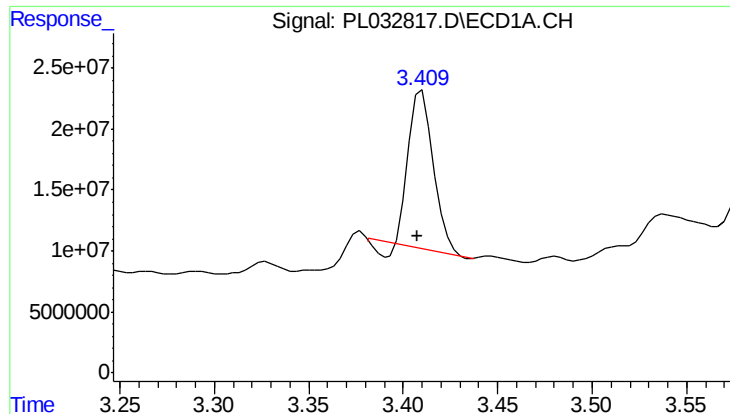
Data Path : P:\HPCHEM1\ECD\_L\Data\PL013118\  
Data File : PL032817.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Feb 2018 9:01  
Operator : UA\AJ  
Sample : J1384-07  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 10:12:32 2018  
Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 27 04:03:48 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

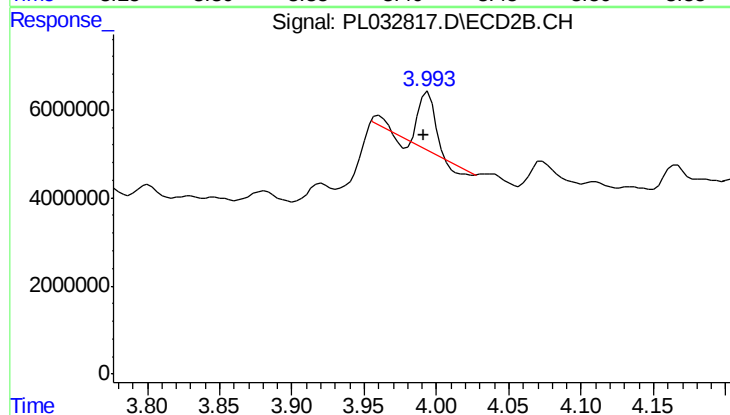




#1 Tetrachloro-m-xylene

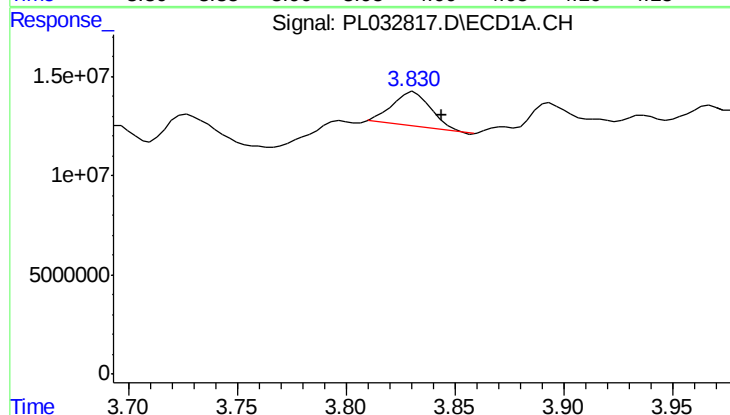
R.T.: 3.410 min  
Delta R.T.: 0.003 min  
Response: 110926093  
Conc: 12.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



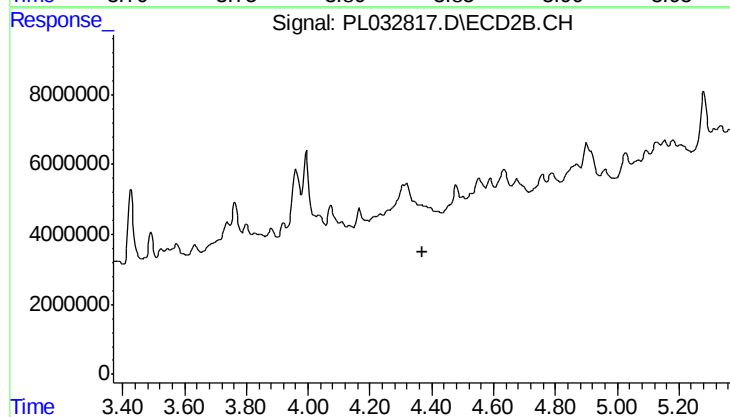
#1 Tetrachloro-m-xylene

R.T.: 3.994 min  
Delta R.T.: 0.003 min  
Response: 9188789  
Conc: 7.34 ng/ml



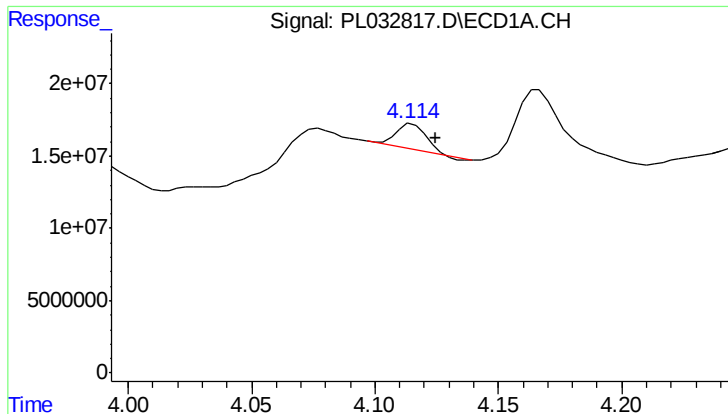
#2 alpha-BHC

R.T.: 3.831 min  
Delta R.T.: -0.013 min  
Response: 21525053  
Conc: 1.53 ng/ml



#2 alpha-BHC

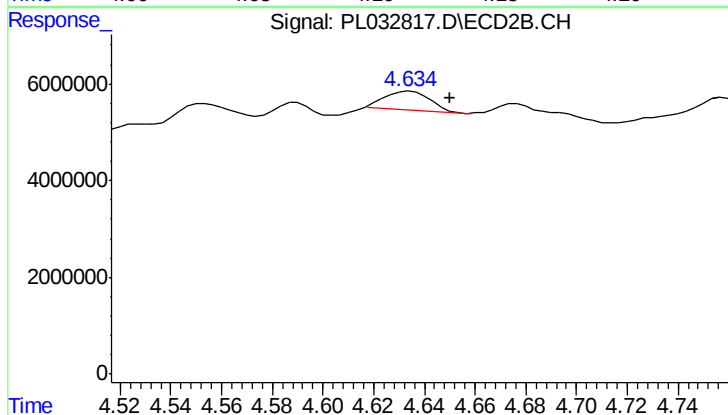
R.T.: 0.000 min  
Exp R.T.: 4.370 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

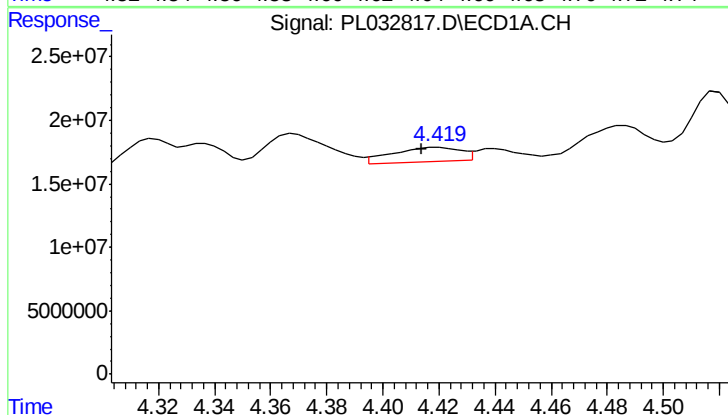
R.T.: 4.116 min  
Delta R.T.: -0.009 min  
Response: 14533727  
Conc: 1.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



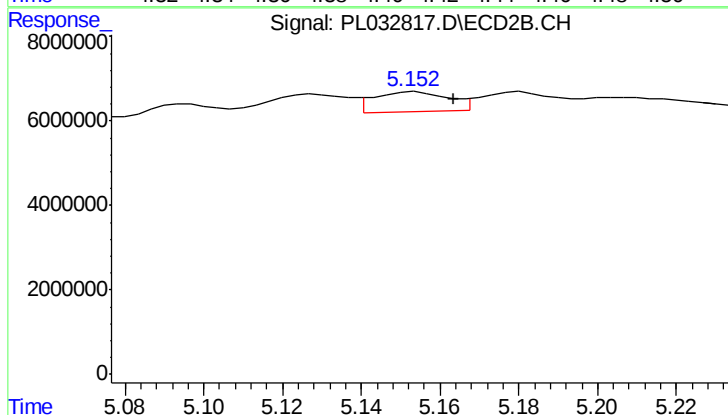
#3 gamma-BHC (Lindane)

R.T.: 4.635 min  
Delta R.T.: -0.015 min  
Response: 4646930  
Conc: 2.16 ng/ml



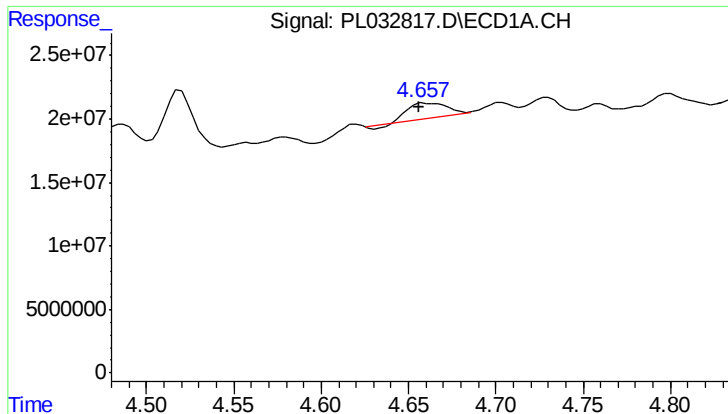
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.007 min  
Response: 19400914  
Conc: 1.47 ng/ml



#4 Heptachlor

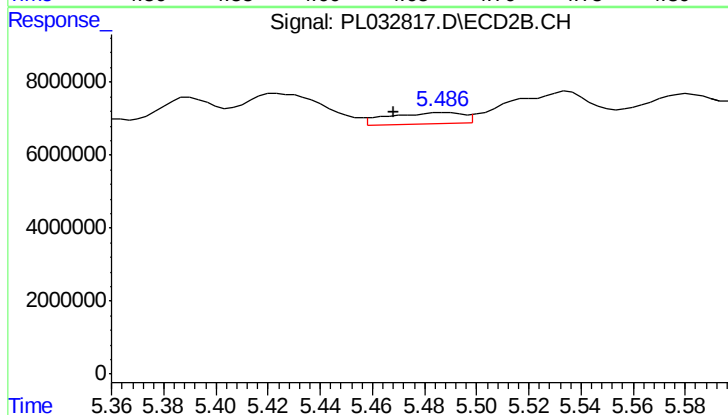
R.T.: 5.154 min  
Delta R.T.: -0.010 min  
Response: 6384265  
Conc: 3.06 ng/ml



#5 Aldrin

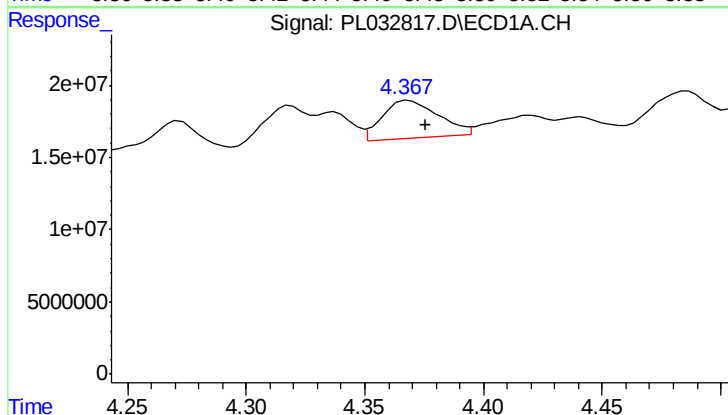
R.T.: 4.661 min  
Delta R.T.: 0.005 min  
Response: 16644010  
Conc: 1.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



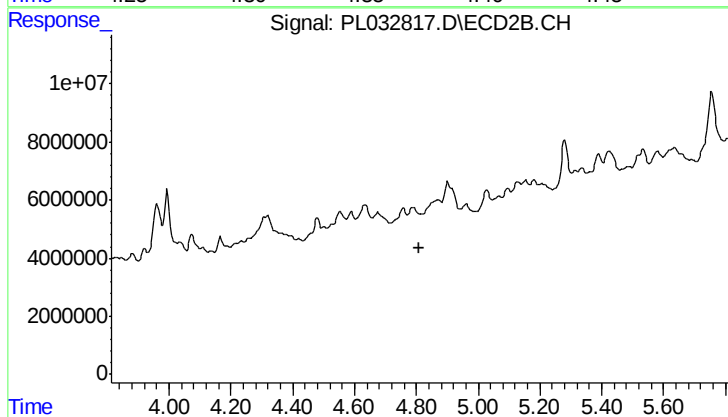
#5 Aldrin

R.T.: 5.487 min  
Delta R.T.: 0.019 min  
Response: 6234657  
Conc: 2.98 ng/ml



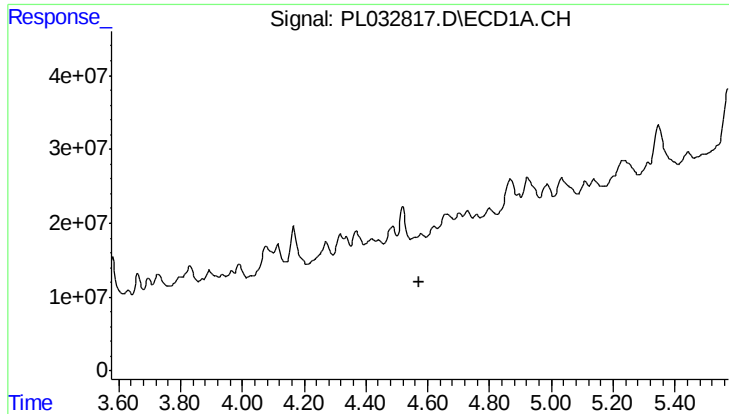
#6 beta-BHC

R.T.: 4.369 min  
Delta R.T.: -0.007 min  
Response: 43161508  
Conc: 7.56 ng/ml



#6 beta-BHC

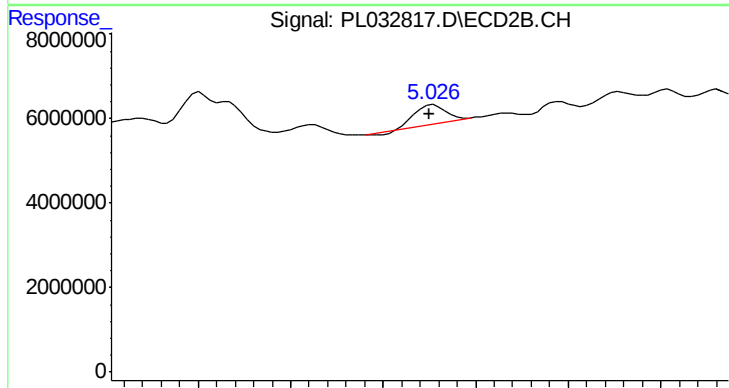
R.T.: 0.000 min  
Exp R.T.: 4.811 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

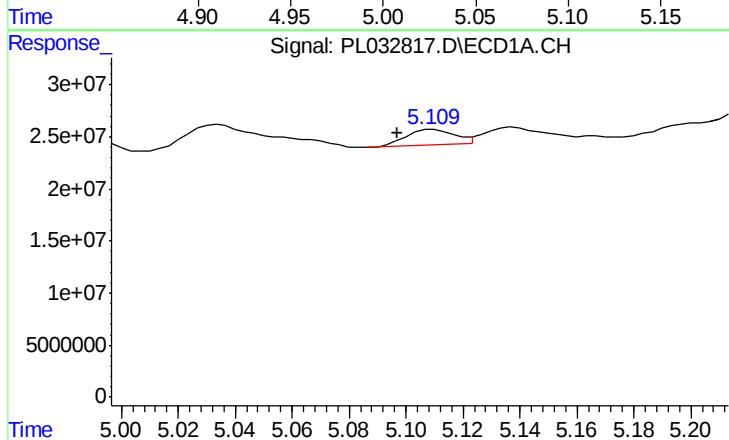
R.T.: 0.000 min  
Exp R.T.: 4.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



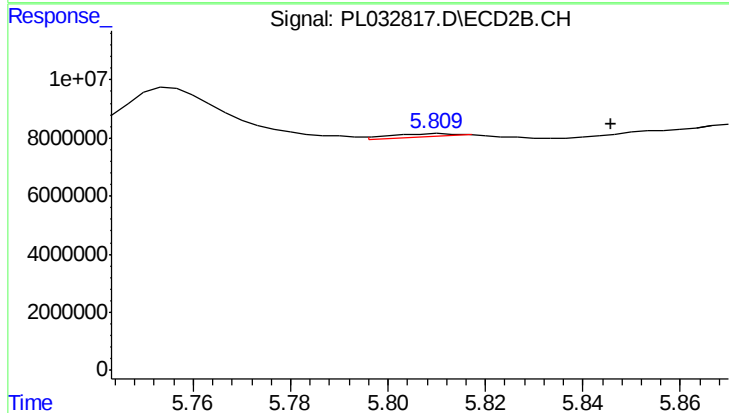
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: 0.002 min  
Response: 5149110  
Conc: 2.32 ng/ml



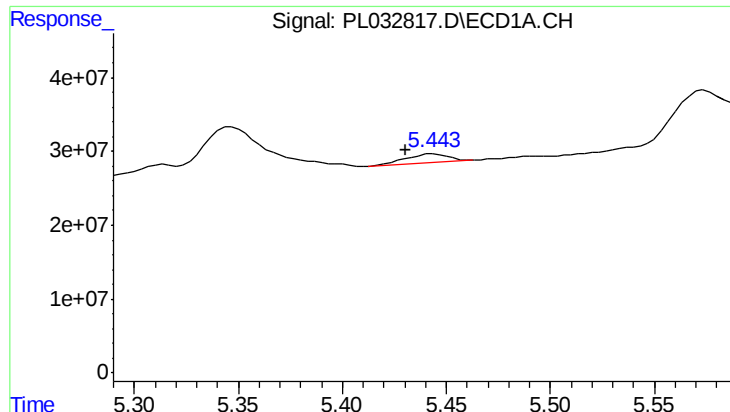
#8 Heptachlor epoxide

R.T.: 5.110 min  
Delta R.T.: 0.013 min  
Response: 17464702  
Conc: 1.48 ng/ml



#8 Heptachlor epoxide

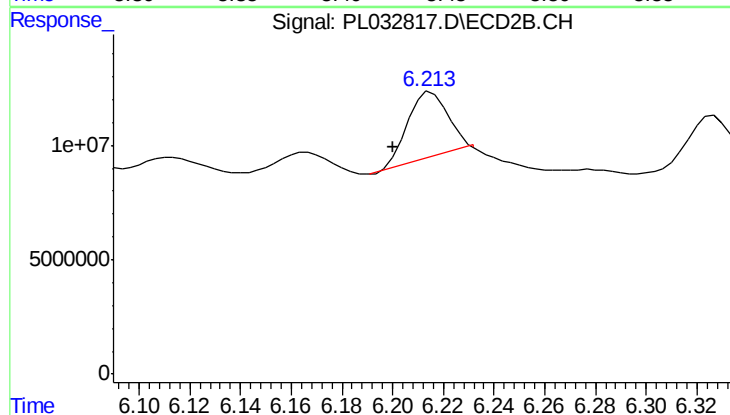
R.T.: 5.811 min  
Delta R.T.: -0.035 min  
Response: 2577510  
Conc: 1.44 ng/ml



#9 Endosulfan I

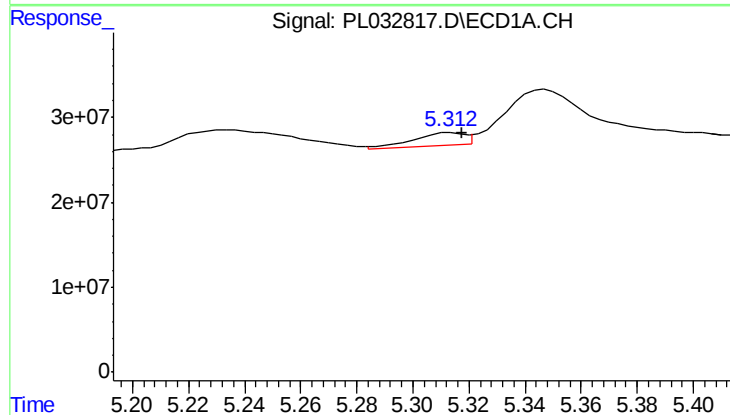
R.T.: 5.444 min  
Delta R.T.: 0.014 min  
Response: 17967108  
Conc: 1.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



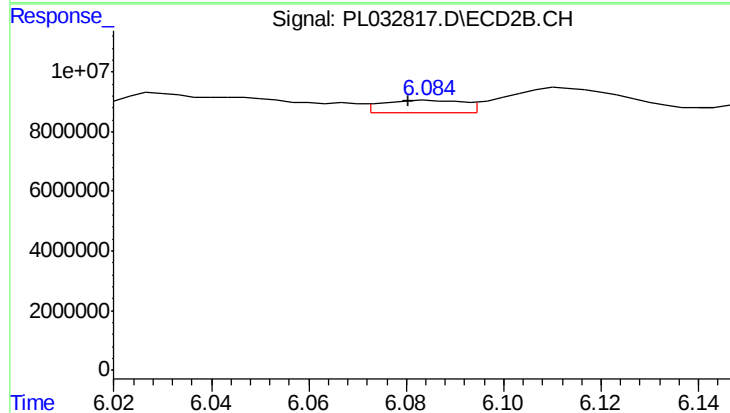
#9 Endosulfan I

R.T.: 6.215 min  
Delta R.T.: 0.015 min  
Response: 32206450  
Conc: 17.85 ng/ml



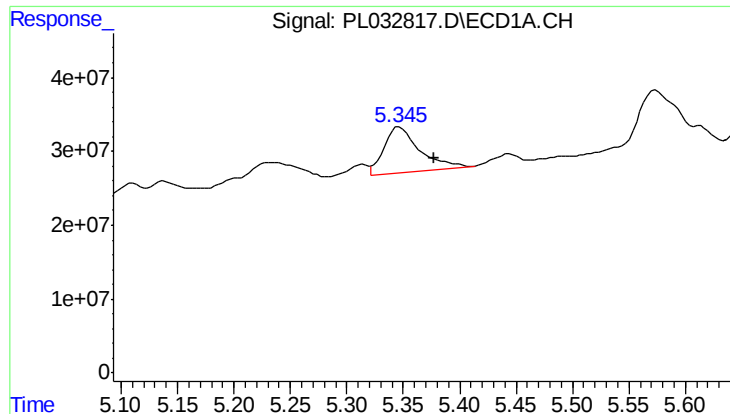
#10 gamma-Chlordane

R.T.: 5.314 min  
Delta R.T.: -0.004 min  
Response: 19127506  
Conc: 1.48 ng/ml



#10 gamma-Chlordane

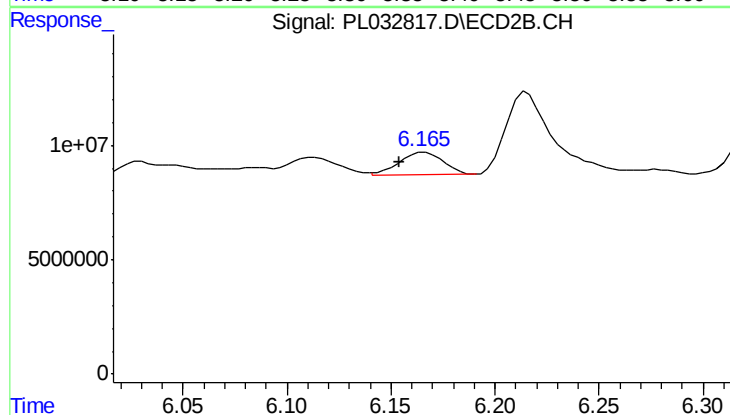
R.T.: 6.086 min  
Delta R.T.: 0.005 min  
Response: 4845151  
Conc: 2.48 ng/ml



#11 alpha-Chlordane

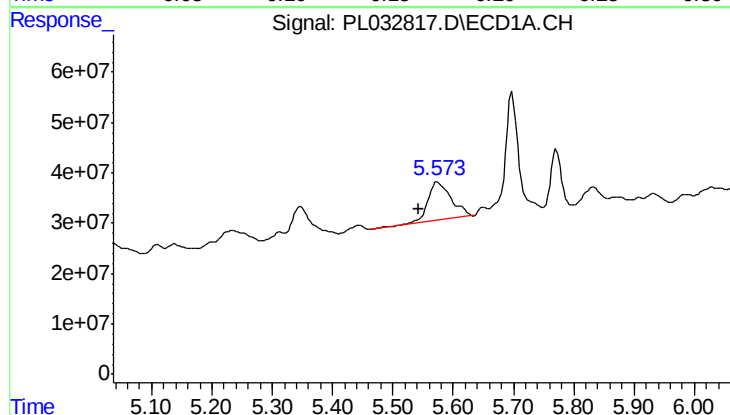
R.T.: 5.347 min  
Delta R.T.: -0.030 min  
Response: 136969016  
Conc: 11.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



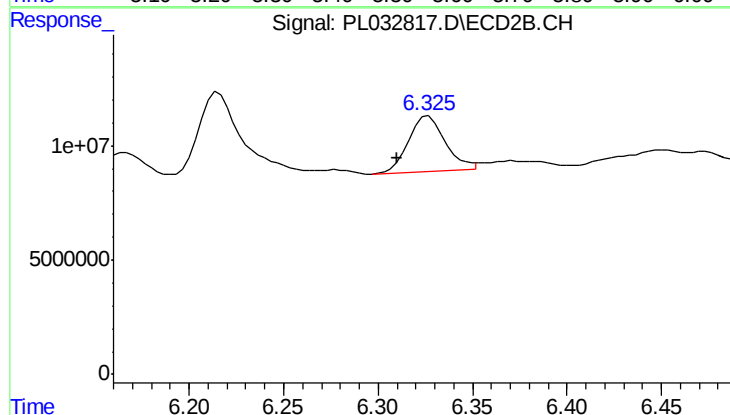
#11 alpha-Chlordane

R.T.: 6.166 min  
Delta R.T.: 0.012 min  
Response: 14996928  
Conc: 7.91 ng/ml



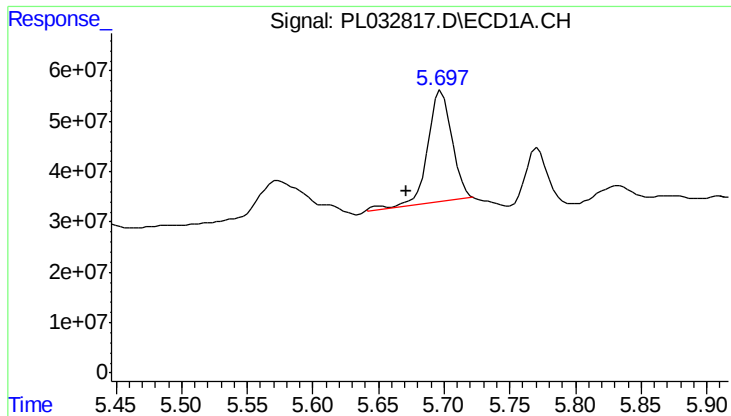
#12 4,4'-DDE

R.T.: 5.574 min  
Delta R.T.: 0.031 min  
Response: 207503147  
Conc: 16.33 ng/ml



#12 4,4'-DDE

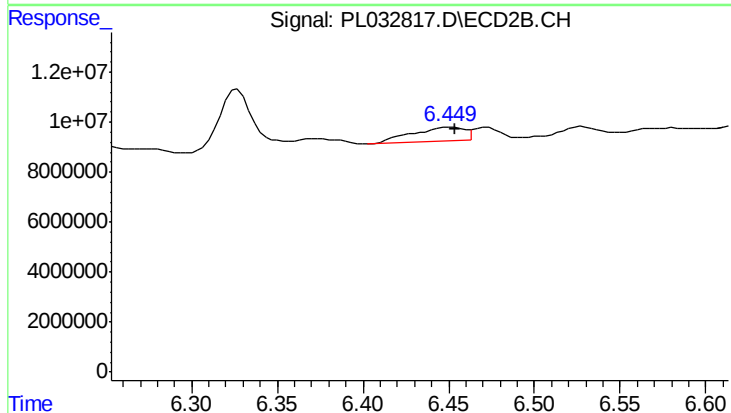
R.T.: 6.327 min  
Delta R.T.: 0.017 min  
Response: 32363579  
Conc: 16.97 ng/ml



#13 Dielddrin

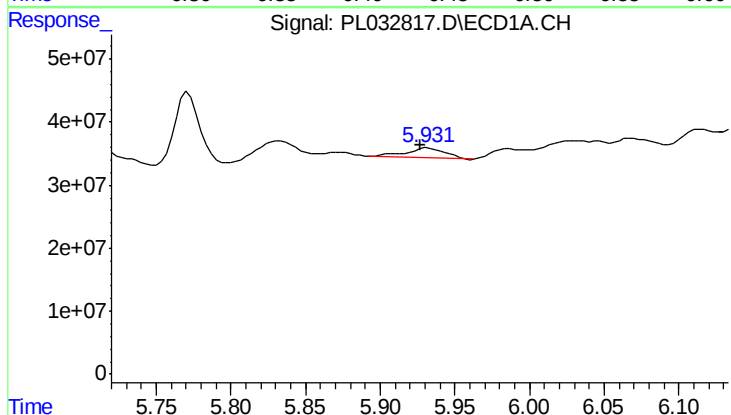
R.T.: 5.698 min  
Delta R.T.: 0.027 min  
Response: 284686604  
Conc: 22.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



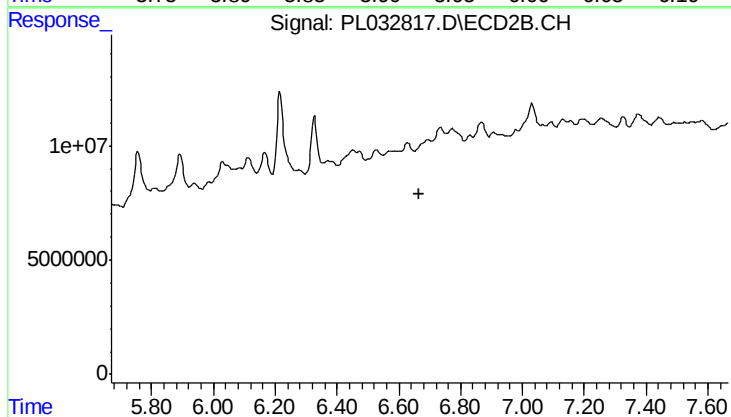
#13 Dielddrin

R.T.: 6.451 min  
Delta R.T.: -0.003 min  
Response: 11828390  
Conc: 6.19 ng/ml



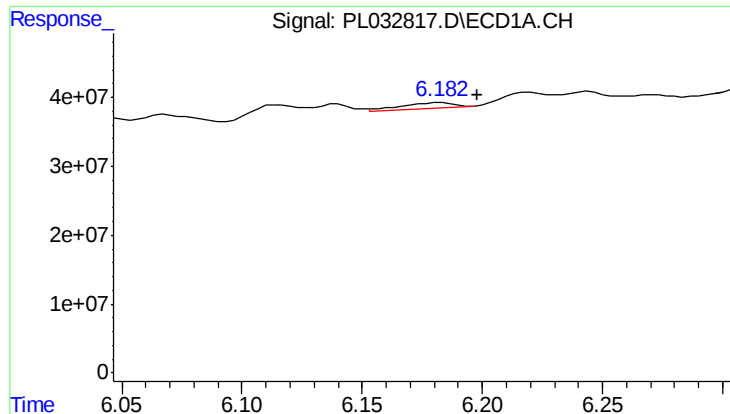
#14 Endrin

R.T.: 5.932 min  
Delta R.T.: 0.005 min  
Response: 29325628  
Conc: 2.51 ng/ml



#14 Endrin

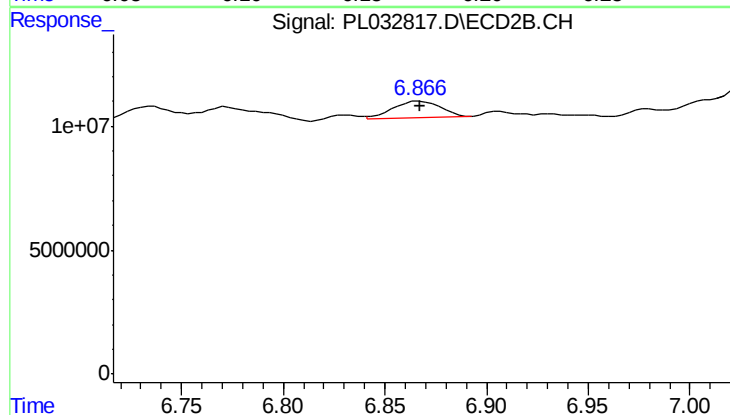
R.T.: 6.695 min  
Delta R.T.: 0.027 min  
Response: -2140782  
Conc: N.D.



#15 Endosulfan II

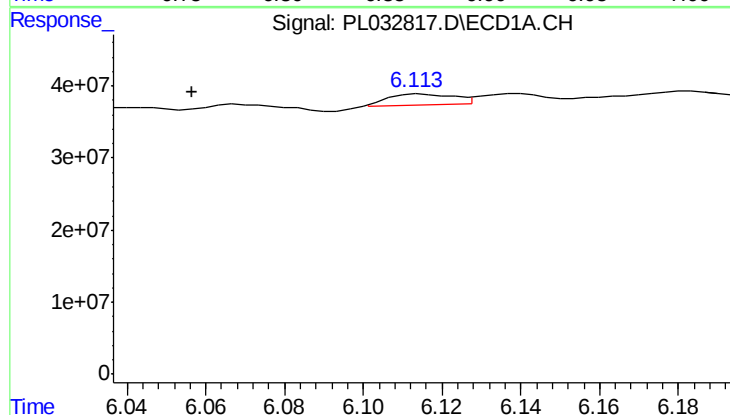
R.T.: 6.183 min  
Delta R.T.: -0.015 min  
Response: 12013184  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



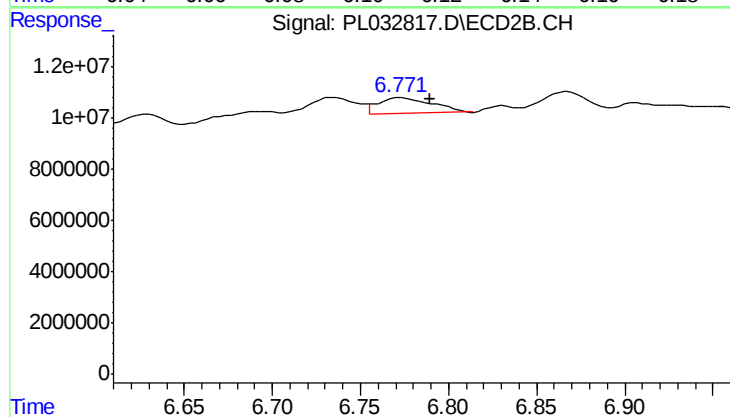
#15 Endosulfan II

R.T.: 6.867 min  
Delta R.T.: 0.000 min  
Response: 11389349  
Conc: 6.47 ng/ml



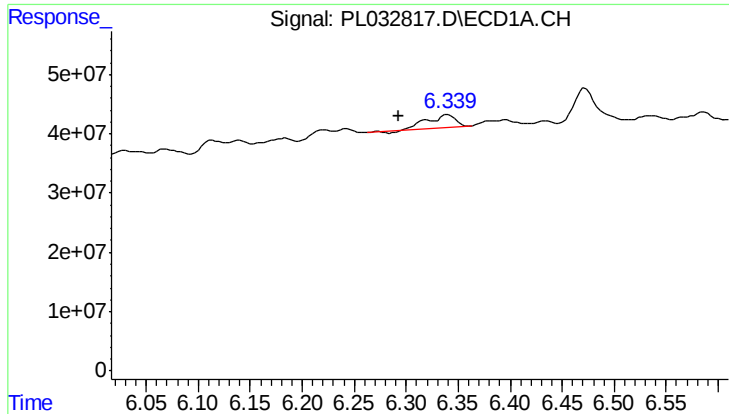
#16 4,4'-DDD

R.T.: 6.115 min  
Delta R.T.: 0.058 min  
Response: 17319674  
Conc: 1.65 ng/ml



#16 4,4'-DDD

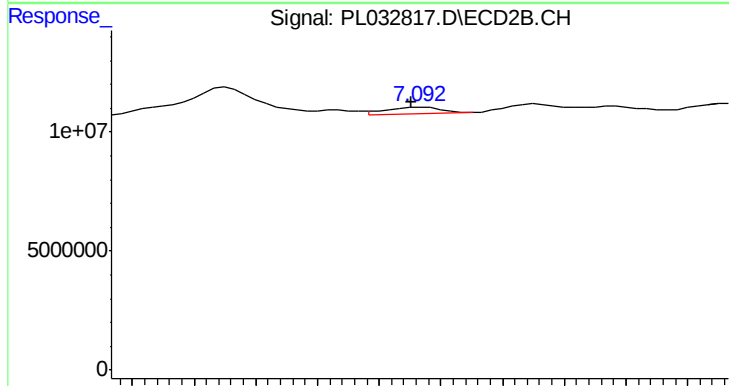
R.T.: 6.773 min  
Delta R.T.: -0.017 min  
Response: 12795141  
Conc: 8.97 ng/ml



#17 4,4'-DDT

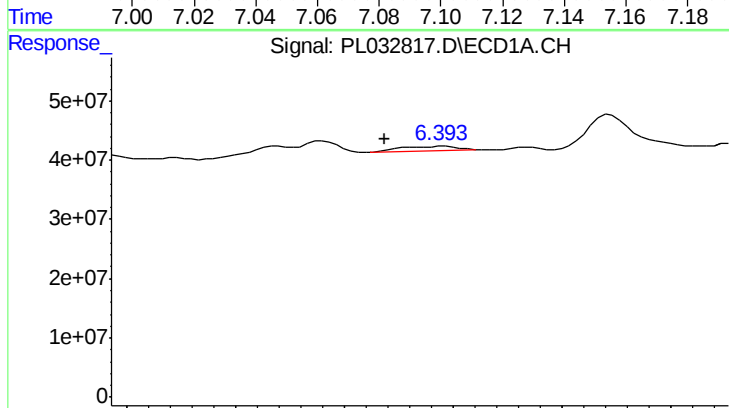
R.T.: 6.341 min  
Delta R.T.: 0.048 min  
Response: 39984275  
Conc: 3.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



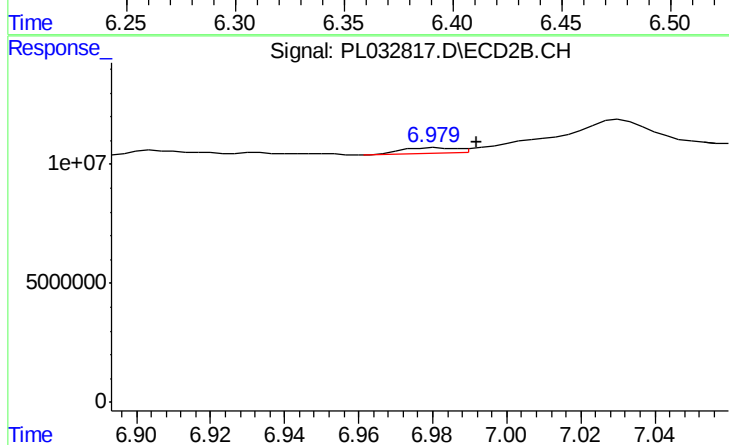
#17 4,4'-DDT

R.T.: 7.093 min  
Delta R.T.: 0.003 min  
Response: 3772128  
Conc: 2.83 ng/ml



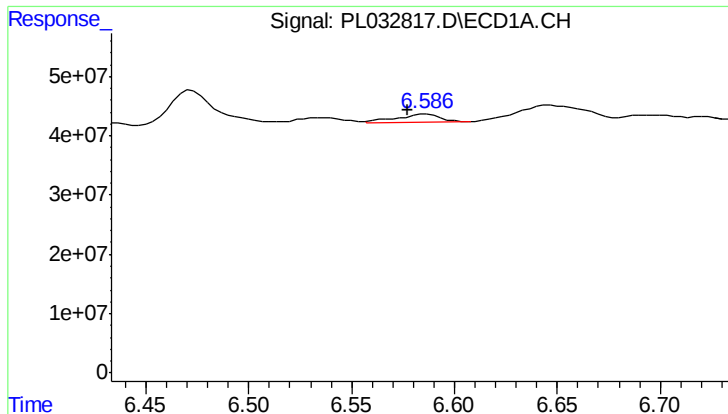
#18 Endrin aldehyde

R.T.: 6.396 min  
Delta R.T.: 0.028 min  
Response: 15472343  
Conc: 1.57 ng/ml



#18 Endrin aldehyde

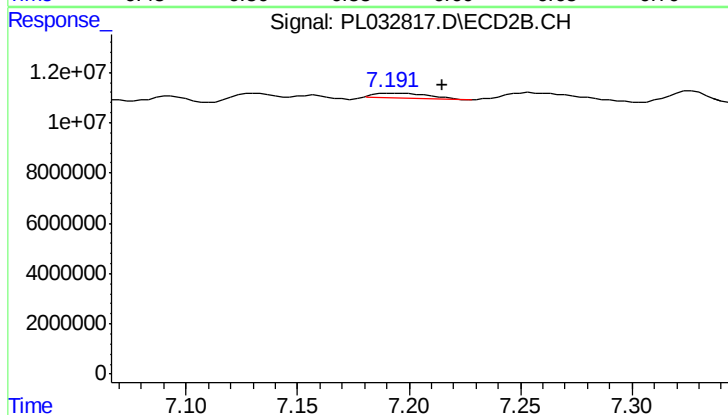
R.T.: 6.981 min  
Delta R.T.: -0.011 min  
Response: 2461686  
Conc: 1.66 ng/ml



#19 Endosulfan Sulfate

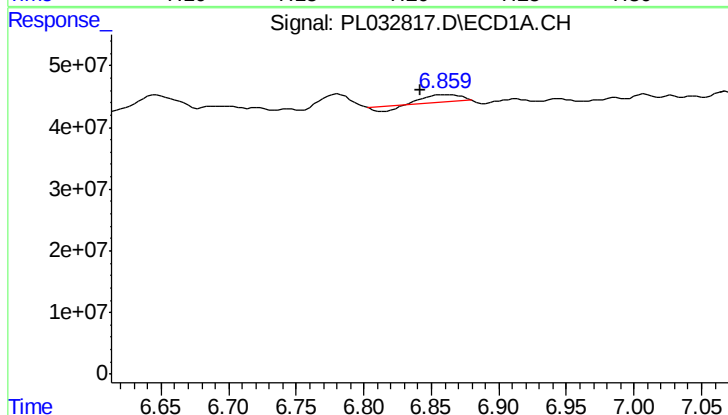
R.T.: 6.587 min  
Delta R.T.: 0.010 min  
Response: 22443348  
Conc: 2.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



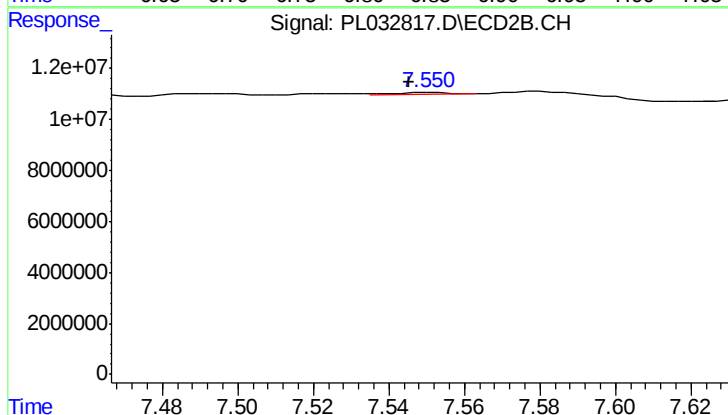
#19 Endosulfan Sulfate

R.T.: 7.193 min  
Delta R.T.: -0.022 min  
Response: 3221862  
Conc: 2.00 ng/ml



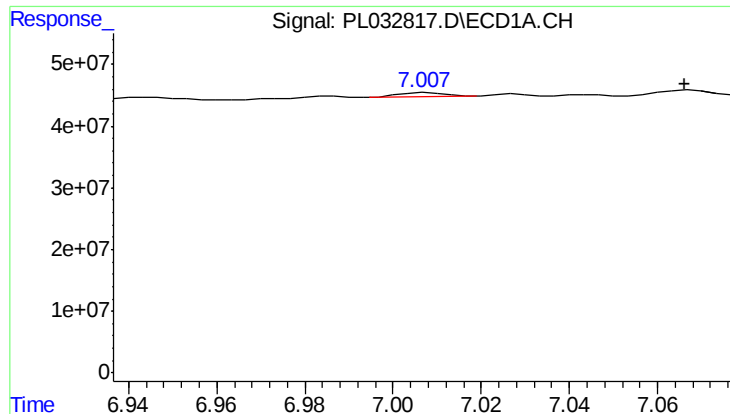
#20 Methoxychlor

R.T.: 6.860 min  
Delta R.T.: 0.019 min  
Response: 13469380  
Conc: 2.32 ng/ml



#20 Methoxychlor

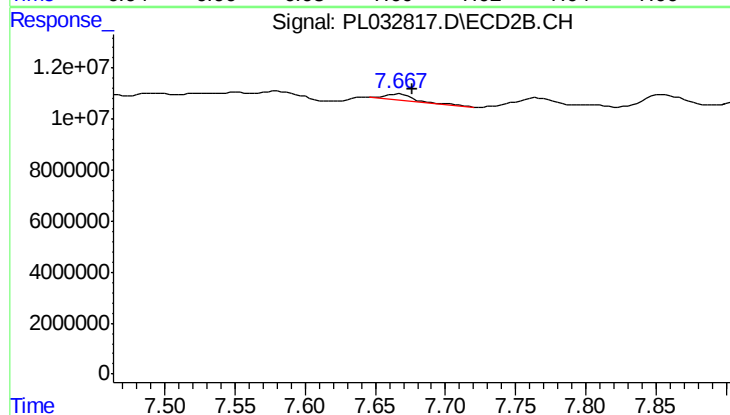
R.T.: 7.551 min  
Delta R.T.: 0.006 min  
Response: 437677  
Conc: 0.54 ng/ml



#21 Endrin ketone

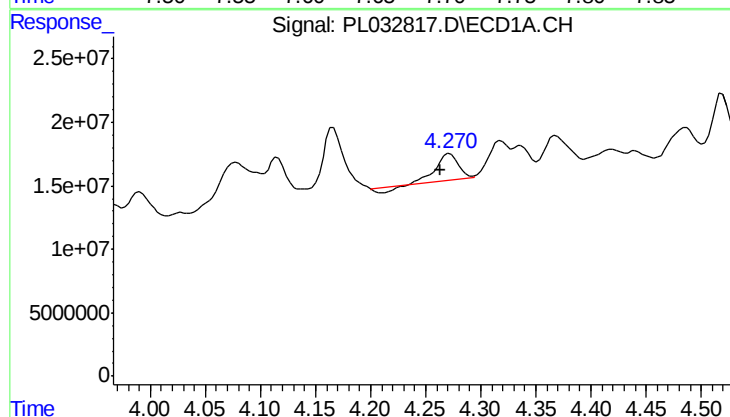
R.T.: 7.008 min  
Delta R.T.: -0.058 min  
Response: 4687037  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



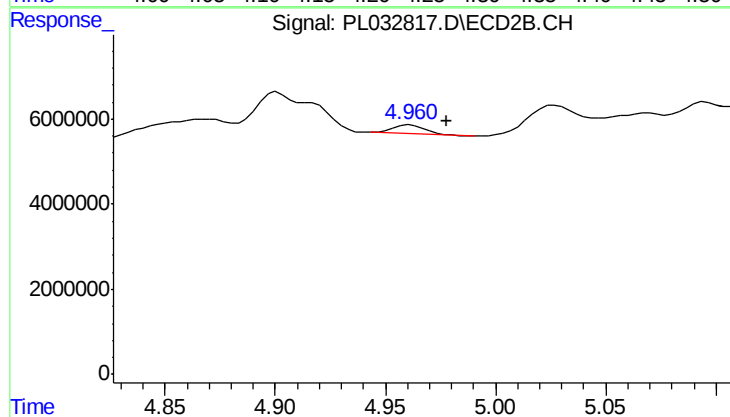
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.009 min  
Response: 2824403  
Conc: 1.56 ng/ml



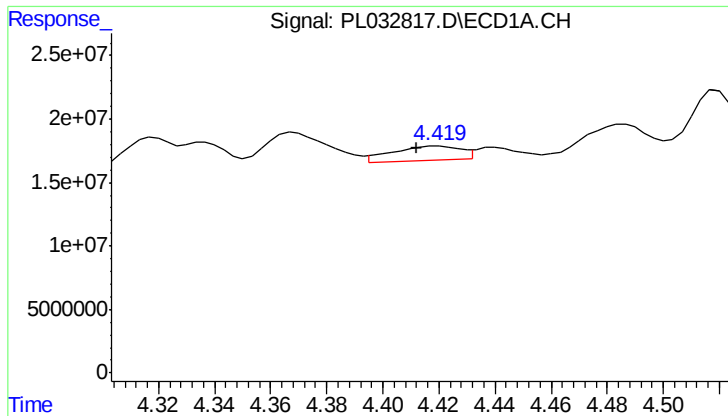
#23 Chlordane-1

R.T.: 4.272 min  
Delta R.T.: 0.009 min  
Response: 25134317  
Conc: 61.19 ng/ml



#23 Chlordane-1

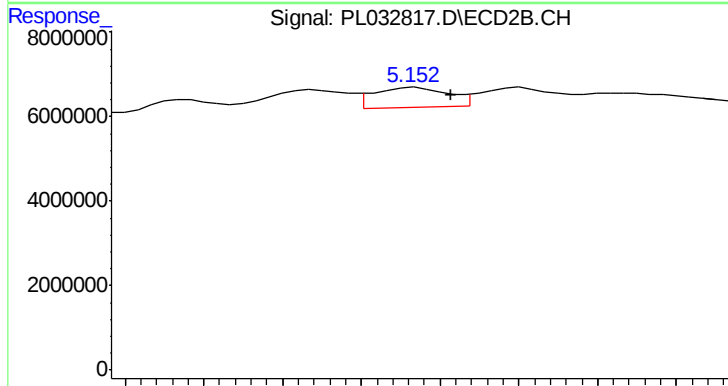
R.T.: 4.962 min  
Delta R.T.: -0.016 min  
Response: 1994823  
Conc: 25.80 ng/ml



#24 Chlordane-2

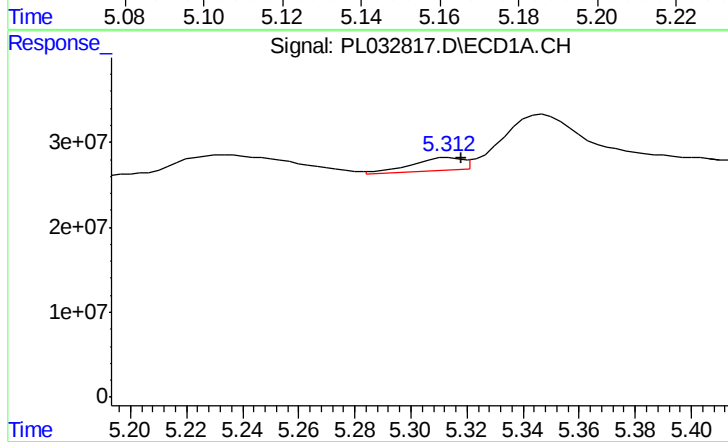
R.T.: 4.420 min  
Delta R.T.: 0.008 min  
Response: 19400914  
Conc: 31.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



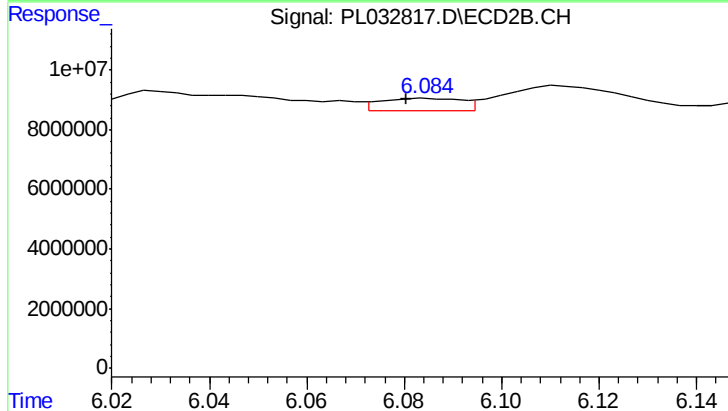
#24 Chlordane-2

R.T.: 5.154 min  
Delta R.T.: -0.009 min  
Response: 6384265  
Conc: 54.40 ng/ml



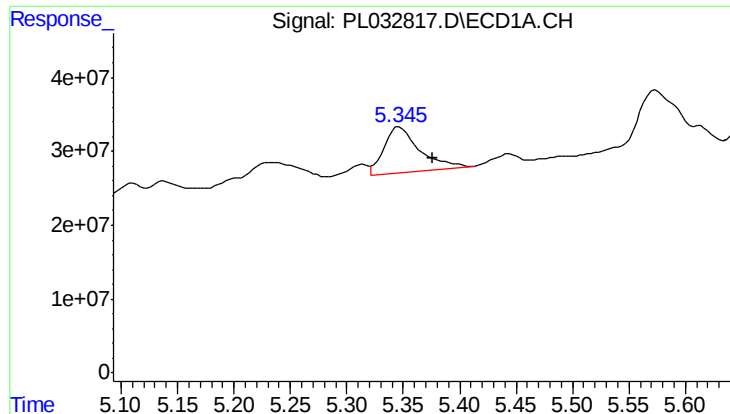
#25 Chlordane-3

R.T.: 5.314 min  
Delta R.T.: -0.004 min  
Response: 19127506  
Conc: 12.81 ng/ml



#25 Chlordane-3

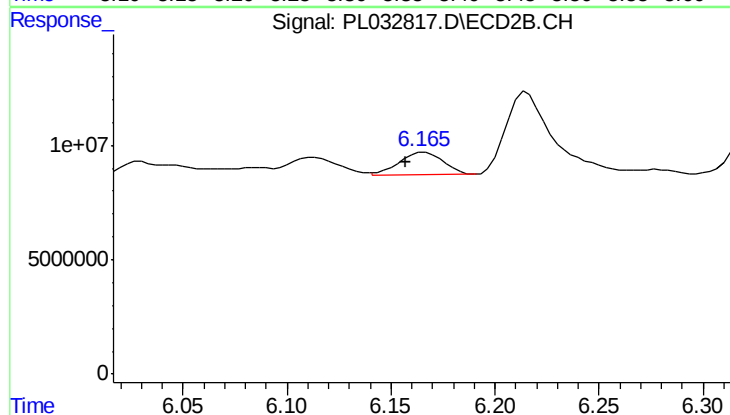
R.T.: 6.086 min  
Delta R.T.: 0.005 min  
Response: 4845151  
Conc: 17.58 ng/ml



#26 Chlordane-4

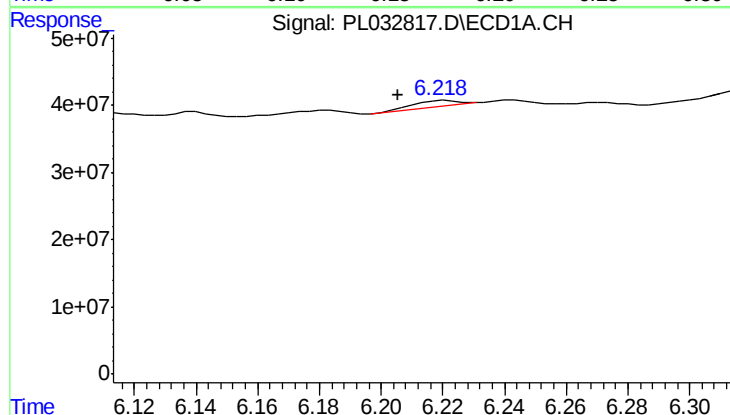
R.T.: 5.347 min  
Delta R.T.: -0.029 min  
Response: 136969016  
Conc: 106.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



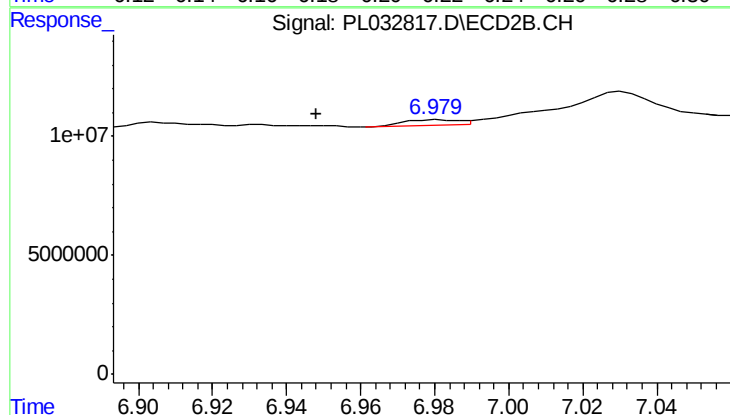
#26 Chlordane-4

R.T.: 6.166 min  
Delta R.T.: 0.009 min  
Response: 14996928  
Conc: 45.90 ng/ml



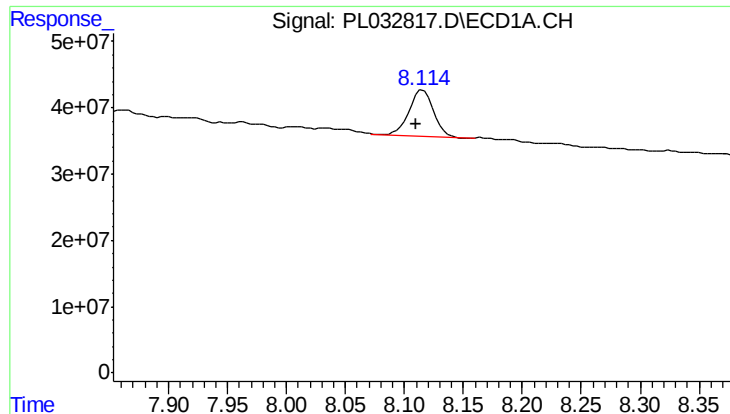
#27 Chlordane-5

R.T.: 6.220 min  
Delta R.T.: 0.015 min  
Response: 8617586  
Conc: 17.43 ng/ml



#27 Chlordane-5

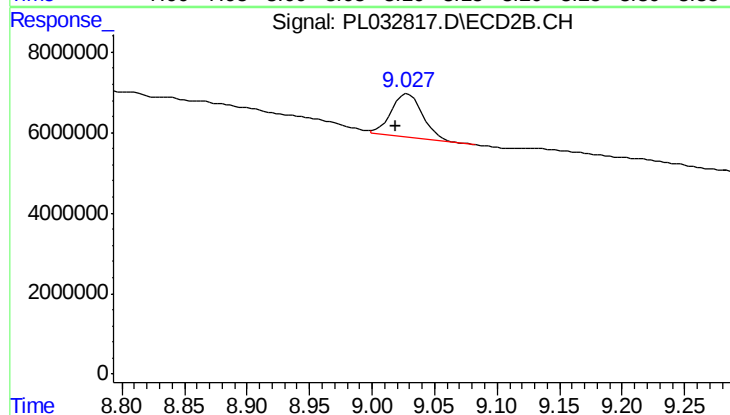
R.T.: 6.981 min  
Delta R.T.: 0.033 min  
Response: 2461686  
Conc: 40.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.116 min  
Delta R.T.: 0.006 min  
Response: 95491756  
Conc: 8.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-STONES-1



#28 Decachlorobiphenyl

R.T.: 9.029 min  
Delta R.T.: 0.009 min  
Response: 14360737  
Conc: 7.55 ng/ml